

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
 Data File : VX035891.D
 Acq On : 26 May 2023 18:14
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 29 07:24:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:19:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	195387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	350831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152997	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	506994	146.017	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 292.040%#			
35) Dibromofluoromethane	5.385	113	366628	152.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 304.280%#			
50) Toluene-d8	8.653	98	1326788	150.018	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 300.040%#			
62) 4-Bromofluorobenzene	11.079	95	552350	158.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 317.020%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	394131	151.682	ug/l	98
3) Chloromethane	1.294	50	398311	148.669	ug/l	98
4) Vinyl Chloride	1.374	62	390698	151.814	ug/l	98
5) Bromomethane	1.611	94	237287	153.858	ug/l	99
6) Chloroethane	1.685	64	194183	135.040	ug/l	97
7) Trichlorofluoromethane	1.880	101	571601	148.007	ug/l	97
8) Diethyl Ether	2.130	74	217976	153.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	343687	150.142	ug/l	99
10) Methyl Iodide	2.447	142	379756	163.539	ug/l	100
11) Tert butyl alcohol	2.995	59	446046m	738.063	ug/l	
12) 1,1-Dichloroethene	2.313	96	325536	151.727	ug/l	99
13) Acrolein	2.239	56	468636	781.576	ug/l	100
14) Allyl chloride	2.660	41	667919	157.577	ug/l	97
15) Acrylonitrile	3.068	53	1048847	758.344	ug/l	99
16) Acetone	2.392	43	973614	694.563	ug/l	98
17) Carbon Disulfide	2.508	76	851829	171.409	ug/l	99
18) Methyl Acetate	2.703	43	814435	150.474	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1253501	151.530	ug/l	99
20) Methylene Chloride	2.788	84	383776	151.787	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	362494	153.261	ug/l	99
22) Diisopropyl ether	3.763	45	1280040	150.389	ug/l	# 87
23) Vinyl Acetate	3.721	43	4653273	784.812	ug/l	98
24) 1,1-Dichloroethane	3.605	63	711673	151.511	ug/l	99
25) 2-Butanone	4.562	43	1515405	747.380	ug/l	99
26) 2,2-Dichloropropane	4.477	77	591893	163.409	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	423421	153.900	ug/l	100
28) Bromochloromethane	4.897	49	353027	155.097	ug/l	98
29) Tetrahydrofuran	5.007	42	995415	758.808	ug/l	100
30) Chloroform	5.093	83	729899	151.470	ug/l	98
31) Cyclohexane	5.471	56	622325	150.903	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	661961	158.980	ug/l	99
36) 1,1-Dichloropropene	5.690	75	546270	149.283	ug/l	99
37) Ethyl Acetate	4.715	43	594364	150.045	ug/l	99
38) Carbon Tetrachloride	5.678	117	555407	161.037	ug/l	96
39) Methylcyclohexane	7.379	83	637762	152.746	ug/l	99
40) Benzene	6.037	78	1512875	147.608	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 05/30/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	337825	149.815	ug/l	98
42) 1,2-Dichloroethane	6.086	62	625850	144.566	ug/l	99
43) Isopropyl Acetate	6.342	43	1005541	158.410	ug/l	99
44) Trichloroethene	7.123	130	388927	152.333	ug/l	100
45) 1,2-Dichloropropane	7.427	63	399013	147.628	ug/l	99
46) Dibromomethane	7.580	93	281967	151.932	ug/l	99
47) Bromodichloromethane	7.824	83	566051	163.638	ug/l	99
48) Methyl methacrylate	7.696	41	504628	154.869	ug/l	98
49) 1,4-Dioxane	7.720	88	187918	2702.447	ug/l #	80
51) 4-Methyl-2-Pentanone	8.580	43	2854665	722.430	ug/l	98
52) Toluene	8.720	92	957181	148.699	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	646896	181.091	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	672573	172.494	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	389902	152.789	ug/l	99
56) Ethyl methacrylate	9.116	69	655672	163.183	ug/l	98
57) 1,3-Dichloropropane	9.311	76	681799	147.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1782255	838.354	ug/l	99
59) 2-Hexanone	9.433	43	2121248	710.238	ug/l	99
60) Dibromochloromethane	9.519	129	419071	179.477	ug/l	98
61) 1,2-Dibromoethane	9.610	107	419566	156.130	ug/l	99
64) Tetrachloroethene	9.275	164	315924	145.243	ug/l	97
65) Chlorobenzene	10.079	112	1027111	150.147	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	385490	164.242	ug/l	99
67) Ethyl Benzene	10.195	91	1879193	148.054	ug/l	98
68) m/p-Xylenes	10.305	106	1425901	303.641	ug/l	96
69) o-Xylene	10.640	106	718007	153.906	ug/l	96
70) Styrene	10.659	104	1210102	157.898	ug/l	99
71) Bromoform	10.799	173	279456	184.156	ug/l	100
73) Isopropylbenzene	10.963	105	1860042	149.896	ug/l	98
74) N-amyl acetate	10.848	43	847821	157.093	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	578007	142.510	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	545815m	142.953	ug/l	
77) Bromobenzene	11.201	156	427192	152.626	ug/l	99
78) n-propylbenzene	11.305	91	2210381	152.834	ug/l	98
79) 2-Chlorotoluene	11.366	91	1341096	146.270	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1597202	151.074	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	194026	152.988	ug/l	91
82) 4-Chlorotoluene	11.457	91	1554966	149.037	ug/l	99
83) tert-Butylbenzene	11.713	119	1572297	154.922	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1592882	150.449	ug/l	98
85) sec-Butylbenzene	11.890	105	1961223	154.632	ug/l	99
86) p-Isopropyltoluene	12.012	119	1656839	156.228	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	806711	151.006	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	803247	145.856	ug/l	99
89) n-Butylbenzene	12.335	91	1483168	159.108	ug/l	99
90) Hexachloroethane	12.542	117	282797	184.322	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	761751	144.363	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	143261	168.789	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	483548	155.855	ug/l	100
94) Hexachlorobutadiene	13.725	225	186323	149.776	ug/l	97
95) Naphthalene	13.774	128	1659117	153.921	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	473849	153.260	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

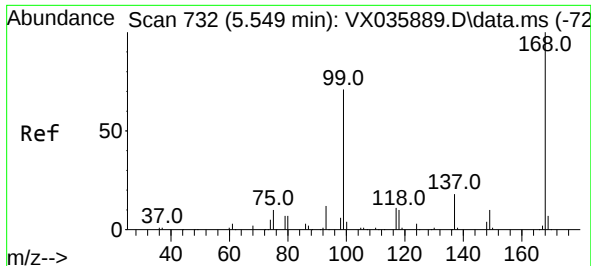
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:19:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

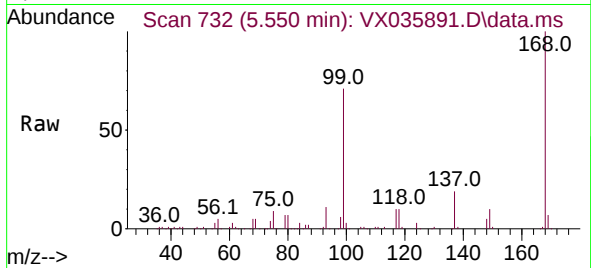
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Supervised By :Mahesh Dadoda 05/30/2023

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

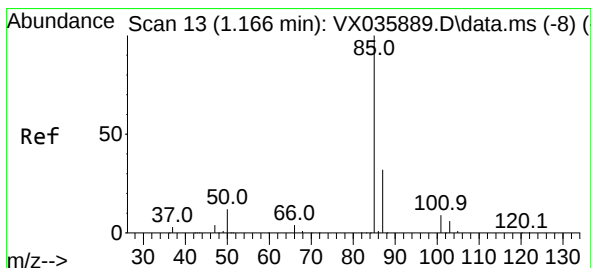
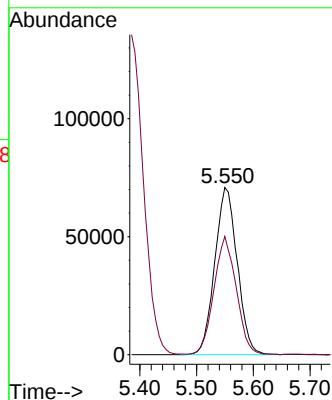
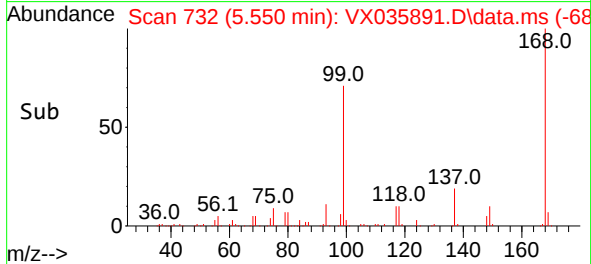
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 19538
Ion Ratio Lower Upper
168 100
99 70.7 57.0 85.6

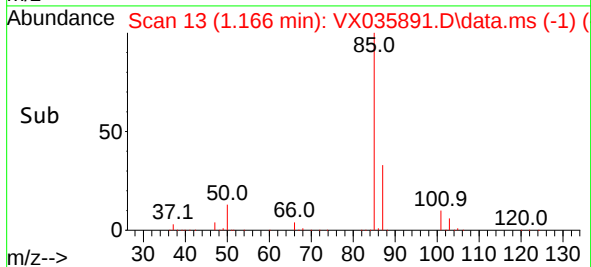
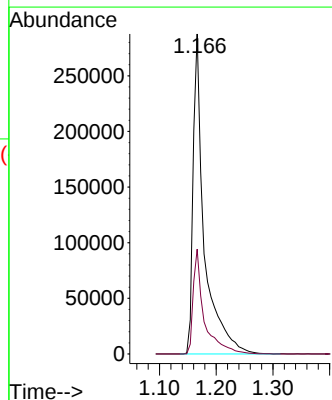
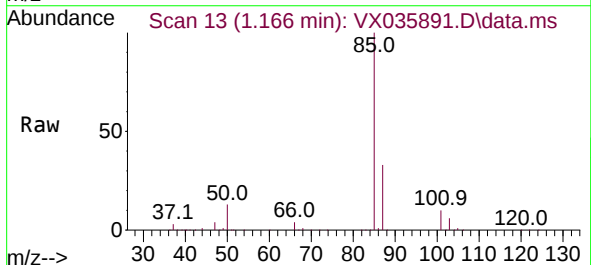
Manual Integrations
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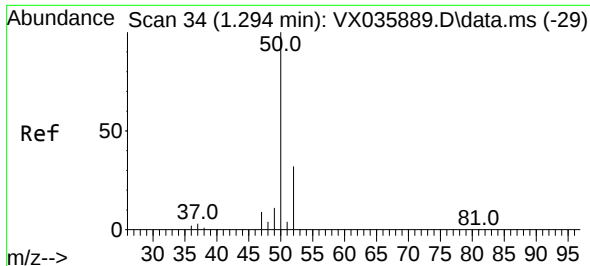
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#2
Dichlorodifluoromethane
Concen: 151.682 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

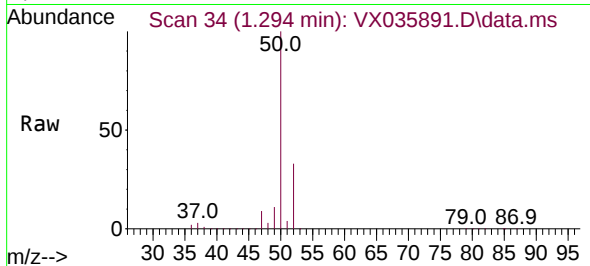
Tgt Ion: 85 Resp: 394131
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





#3
Chloromethane
Concen: 148.669 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

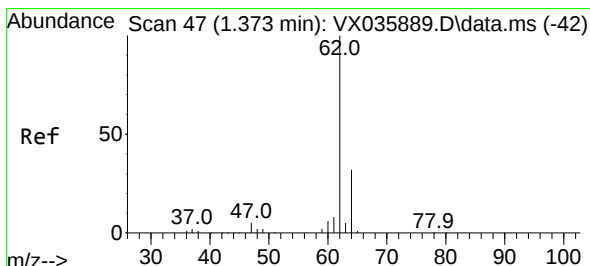
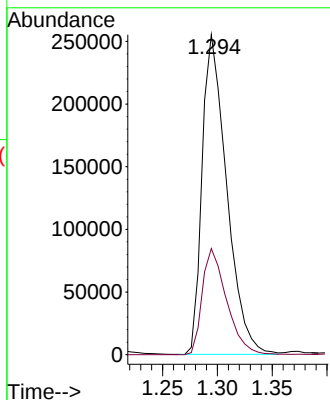
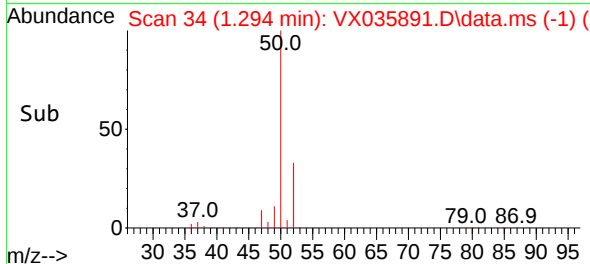
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 50 Resp: 39831
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

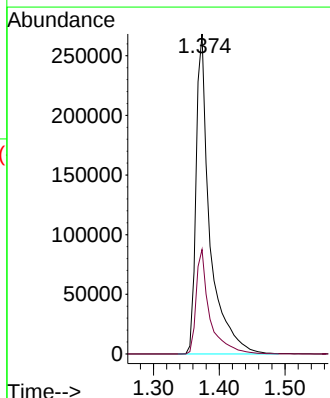
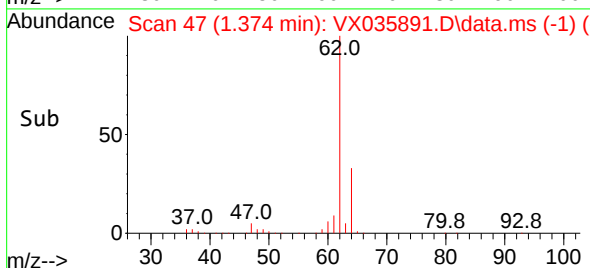
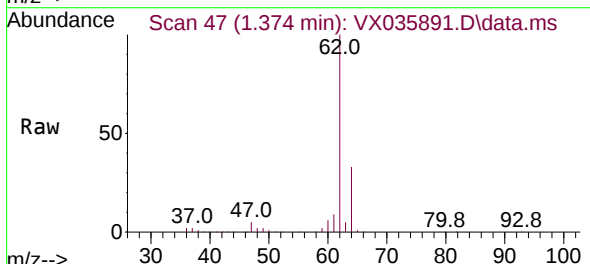
Manual Integrations
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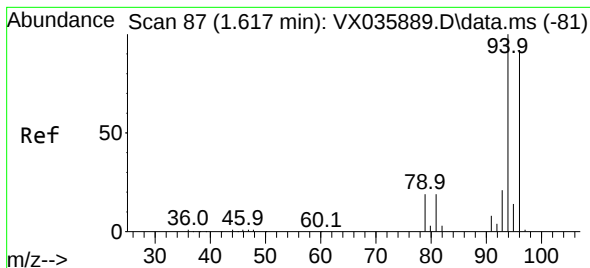
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#4
Vinyl Chloride
Concen: 151.814 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion: 62 Resp: 390698
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8





#5

Bromomethane

Concen: 153.858 ug/l

RT: 1.611 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 94 Resp: 23728

Ion Ratio Lower Upper

94 100

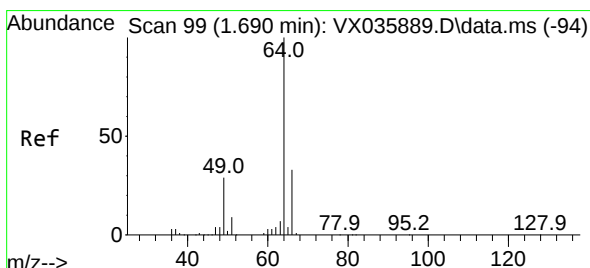
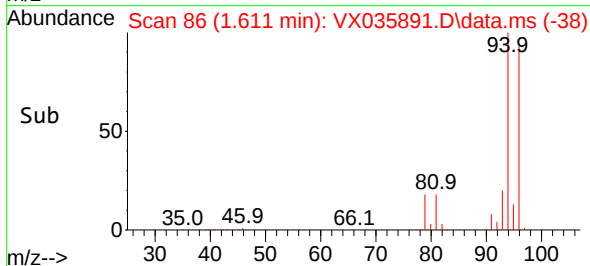
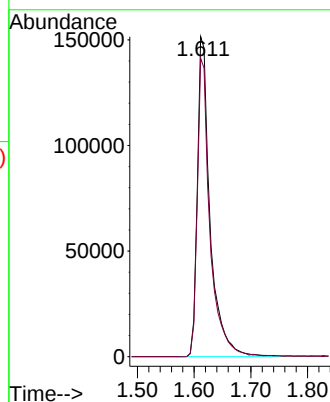
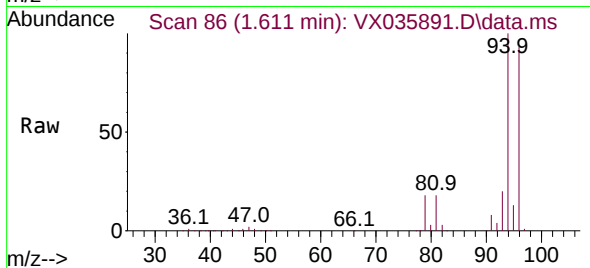
96 93.2 73.5 110.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#6

Chloroethane

Concen: 135.040 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX035891.D

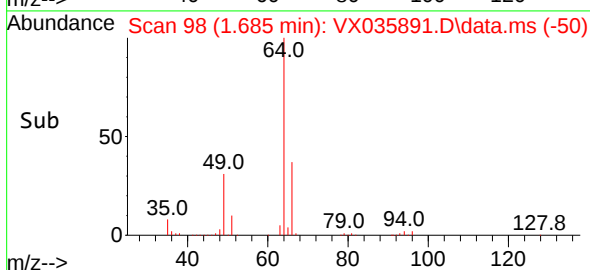
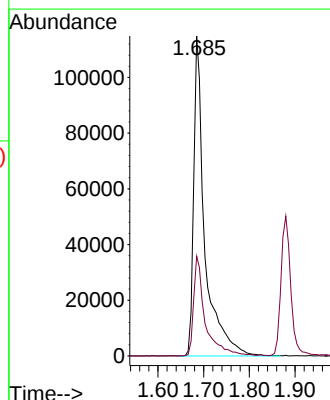
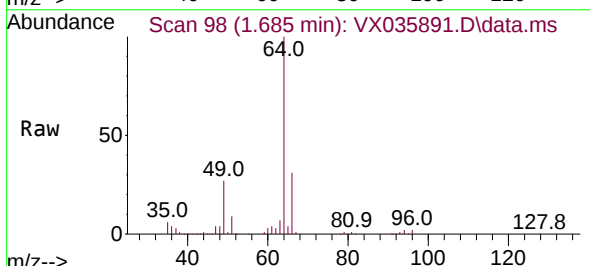
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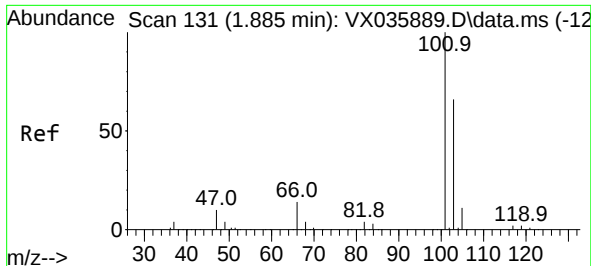
Tgt Ion: 64 Resp: 194183

Ion Ratio Lower Upper

64 100

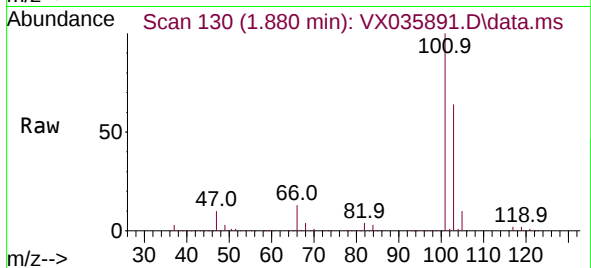
66 31.1 26.0 39.0





#7
Trichlorofluoromethane
Concen: 148.007 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

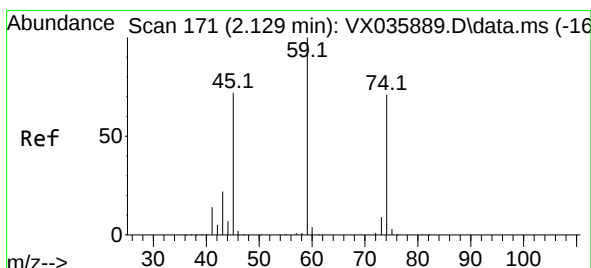
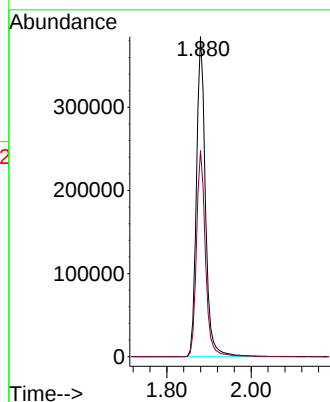
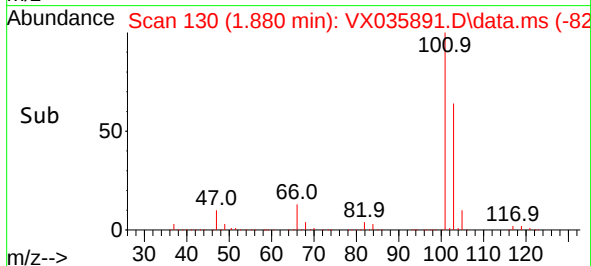
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 57160
Ion Ratio Lower Upper
101 100
103 64.4 53.2 79.8

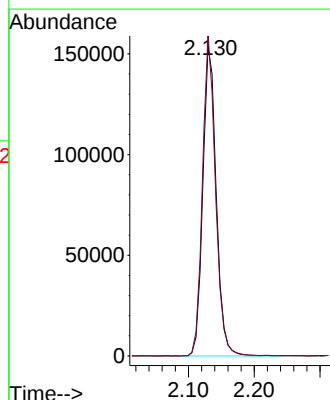
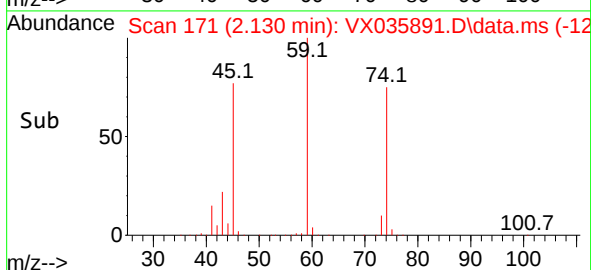
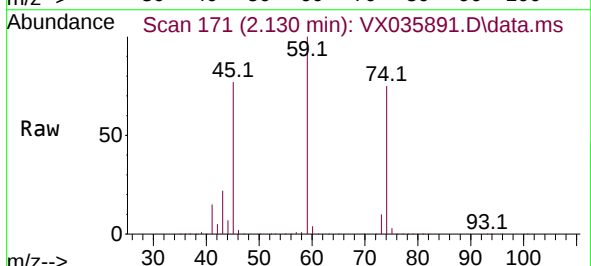
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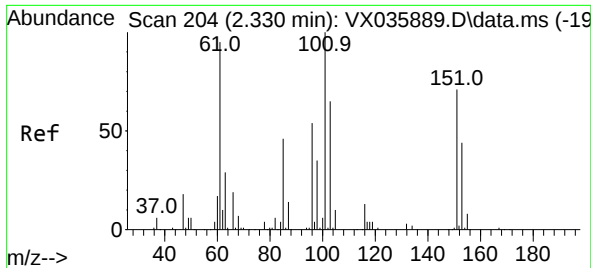
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#8
Diethyl Ether
Concen: 153.695 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion: 74 Resp: 217976
Ion Ratio Lower Upper
74 100
45 101.0 50.6 151.9





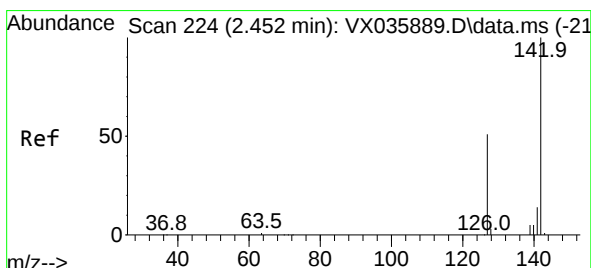
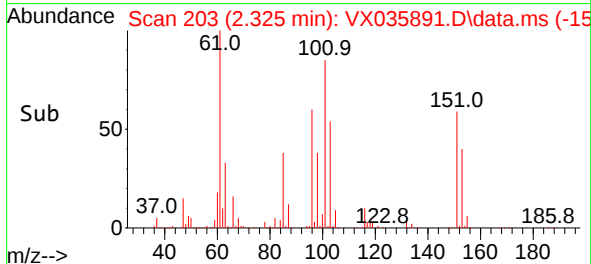
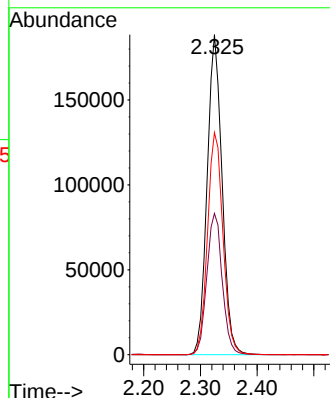
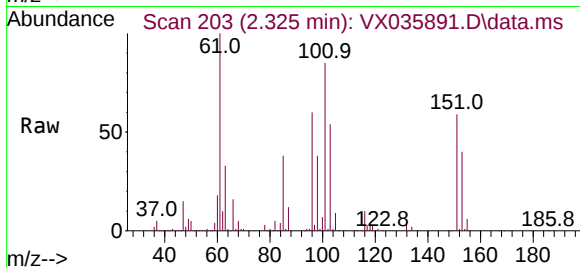
#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.142 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 34368
Ion Ratio Lower Upper
101 100
85 45.6 37.3 55.9
151 71.7 57.0 85.6

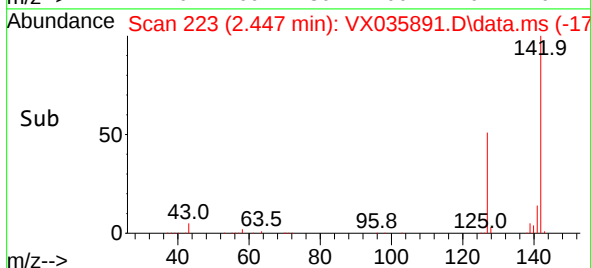
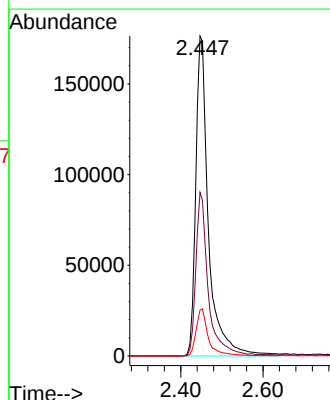
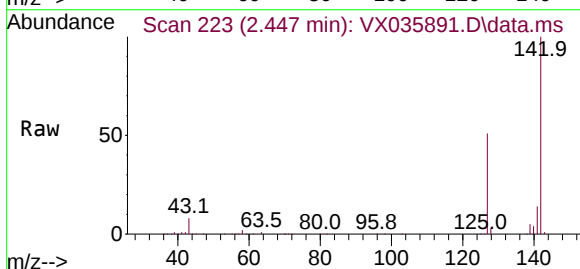
Manual Integrations
APPROVED

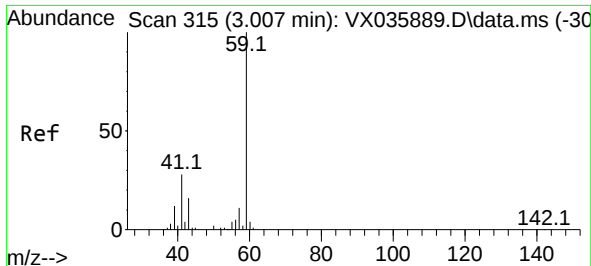
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 163.539 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

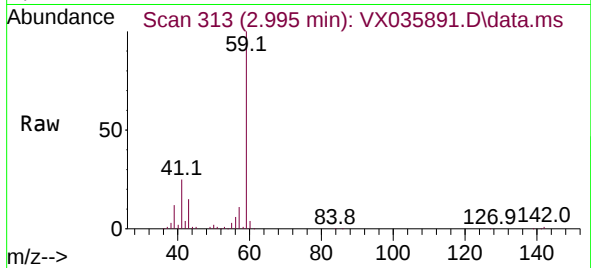
Tgt Ion:142 Resp: 379756
Ion Ratio Lower Upper
142 100
127 50.3 40.3 60.5
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 738.063 ug/l m
RT: 2.995 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

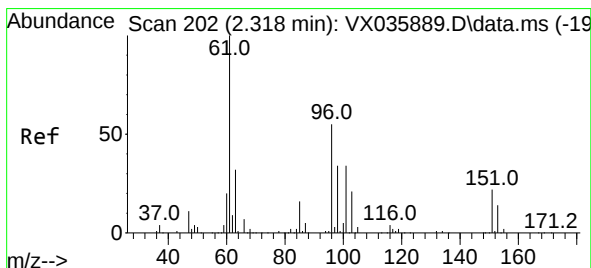
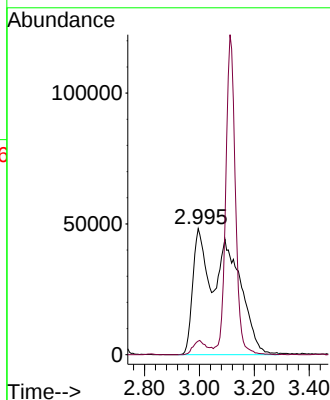
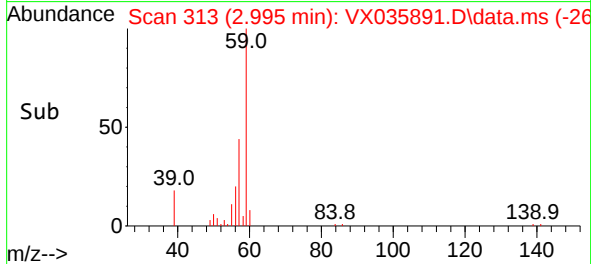
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 446040
Ion Ratio Lower Upper
59 100
57 4.4 6.0 9.0

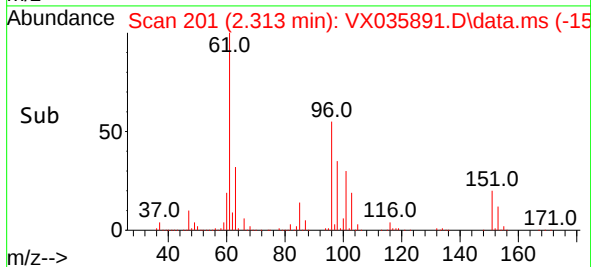
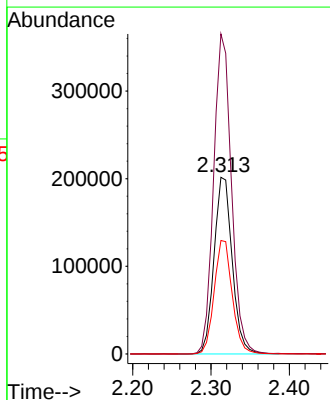
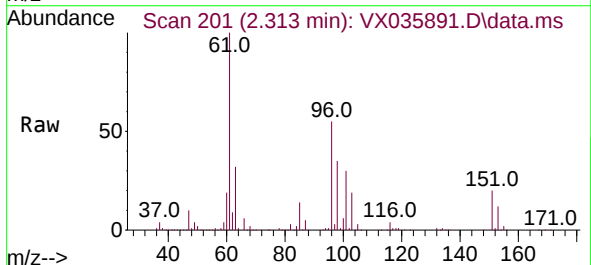
Manual Integrations
APPROVED

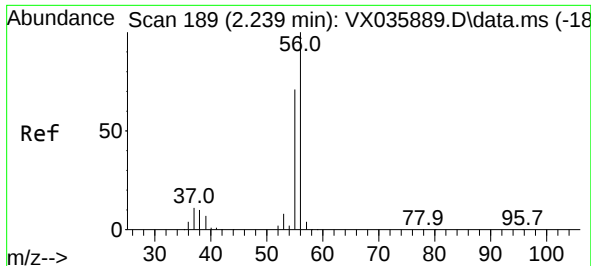
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#12
1,1-Dichloroethene
Concen: 151.727 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

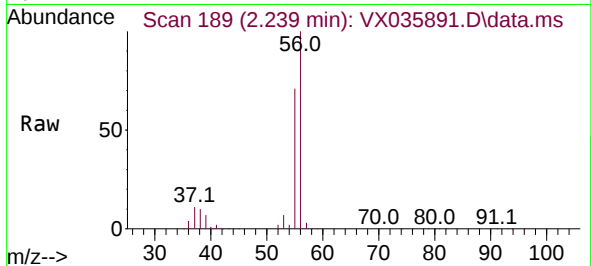
Tgt Ion: 96 Resp: 325536
Ion Ratio Lower Upper
96 100
61 181.2 145.2 217.8
98 64.3 49.3 73.9





#13
Acrolein
Concen: 781.576 ug/l
RT: 2.239 min Scan# 118
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

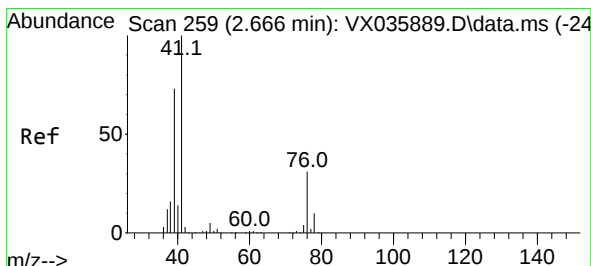
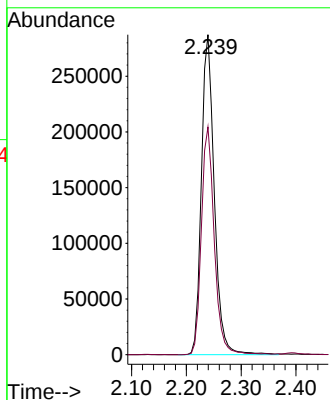
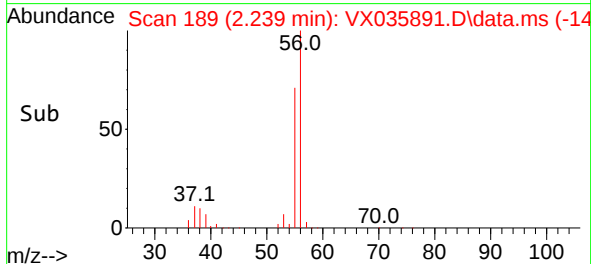
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 468630
Ion Ratio Lower Upper
56 100
55 71.4 57.3 85.9

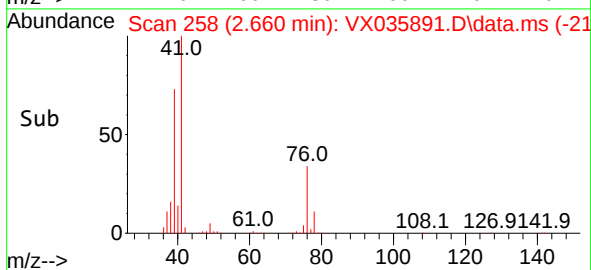
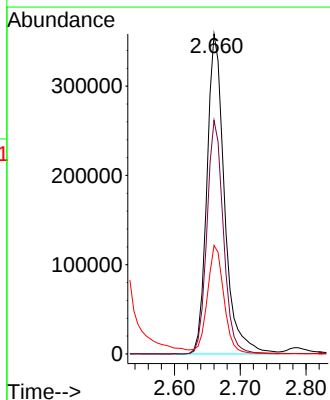
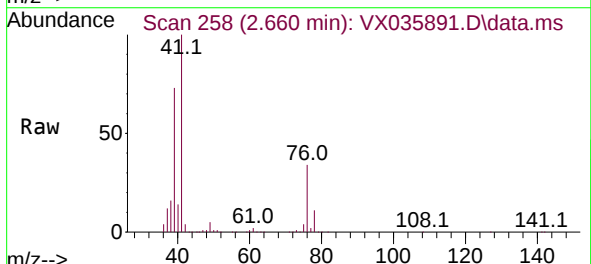
Manual Integrations
APPROVED

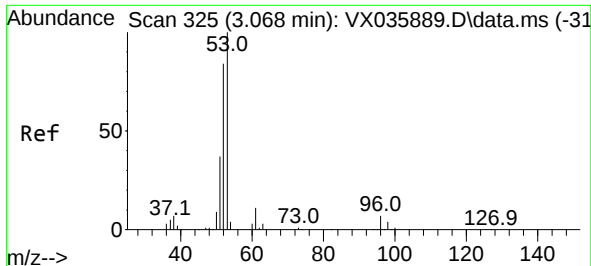
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#14
Allyl chloride
Concen: 157.577 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

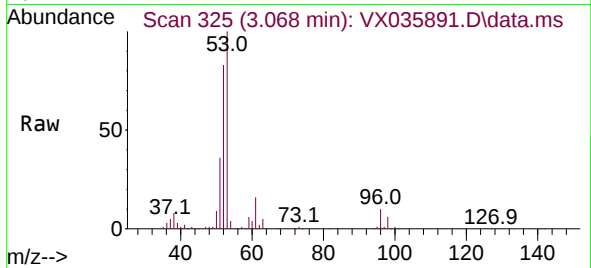
Tgt Ion: 41 Resp: 667919
Ion Ratio Lower Upper
41 100
39 68.4 56.9 85.3
76 32.0 24.1 36.1





#15
Acrylonitrile
Concen: 758.344 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

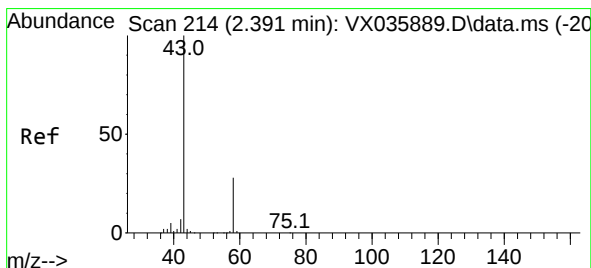
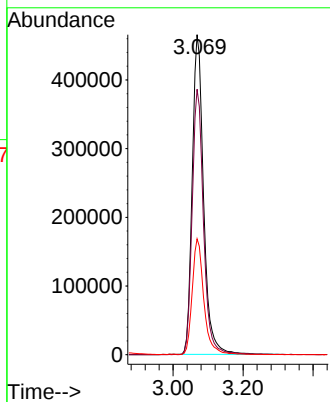
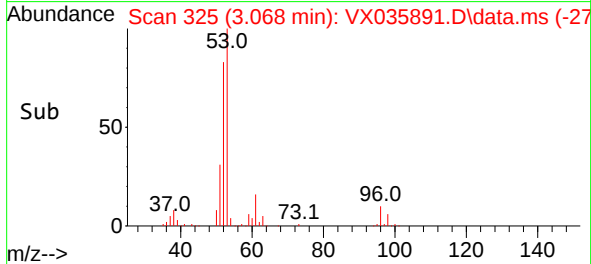
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 104884
Ion Ratio Lower Upper
53 100
52 83.0 67.0 100.4
51 37.2 29.8 44.8

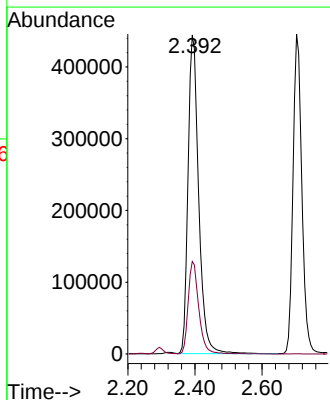
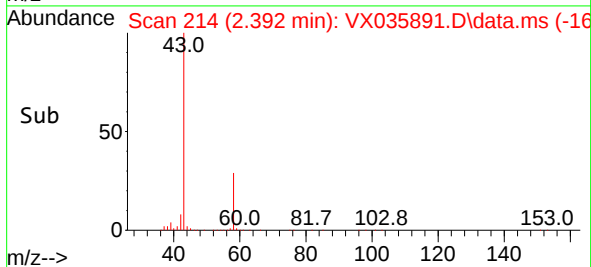
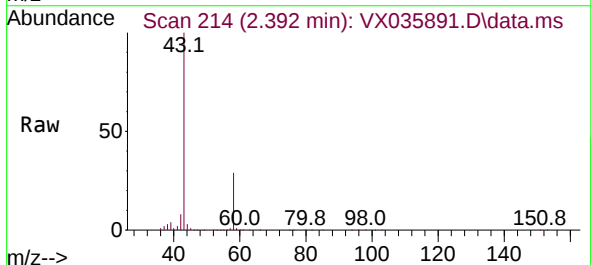
Manual Integrations
APPROVED

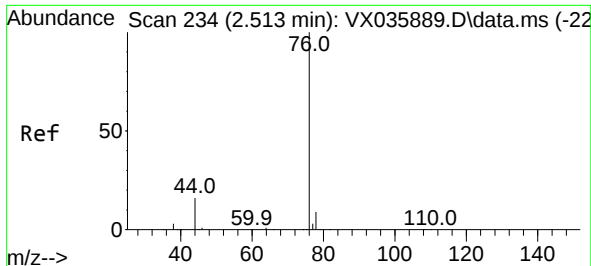
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#16
Acetone
Concen: 694.563 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion: 43 Resp: 973614
Ion Ratio Lower Upper
43 100
58 29.0 22.2 33.2





#17

Carbon Disulfide

Concen: 171.409 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 851829

Ion Ratio Lower Upper

76 100

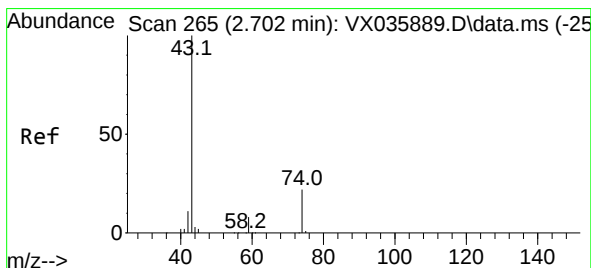
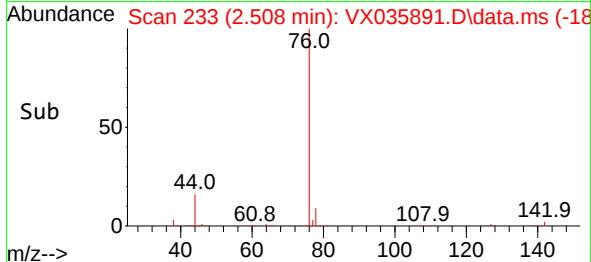
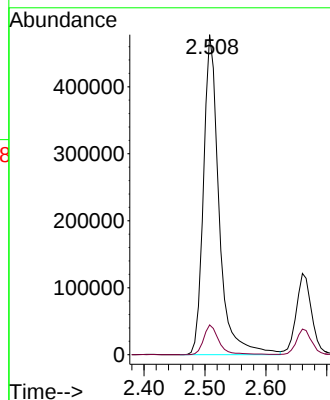
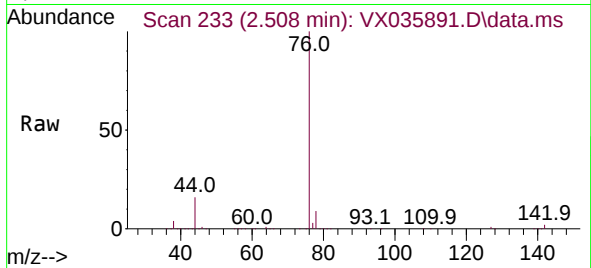
78 9.3 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#18

Methyl Acetate

Concen: 150.474 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX035891.D

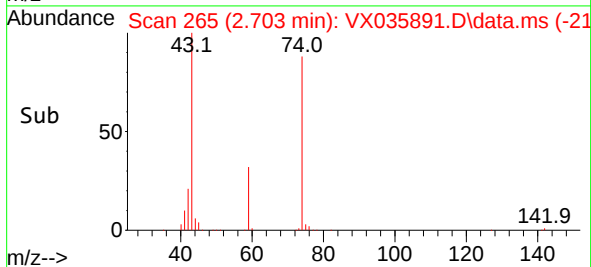
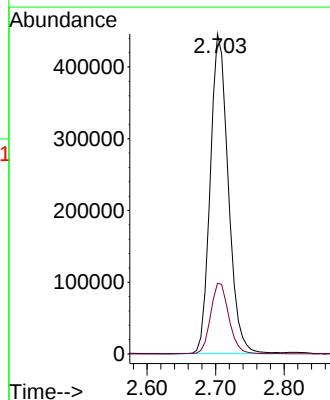
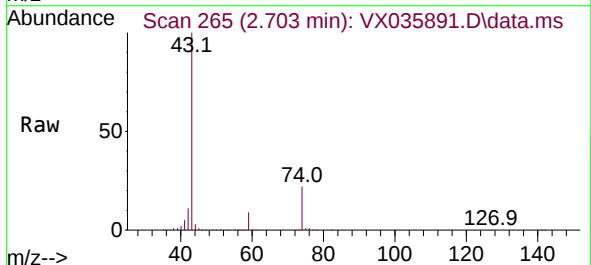
Acq: 26 May 2023 18:14

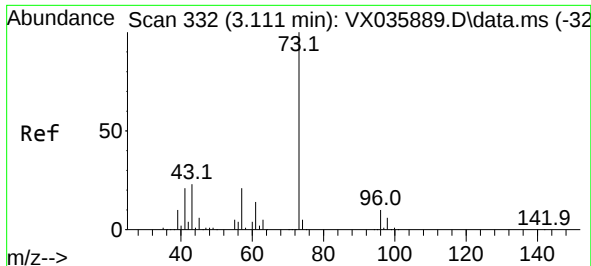
Tgt Ion: 43 Resp: 814435

Ion Ratio Lower Upper

43 100

74 22.6 17.7 26.5





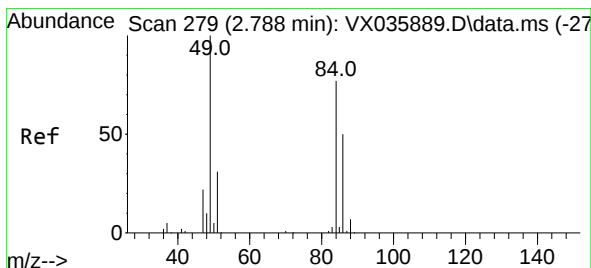
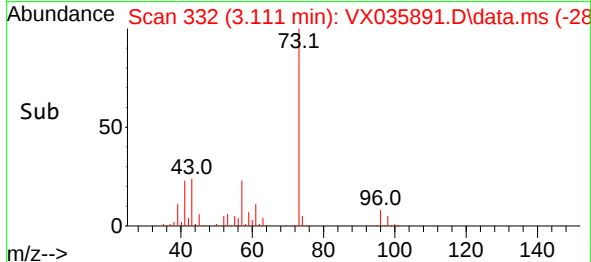
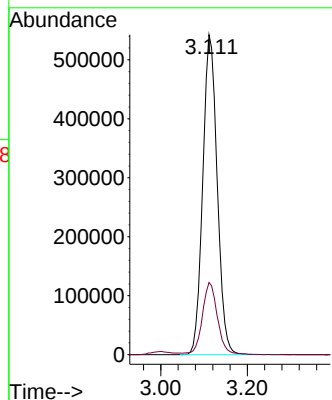
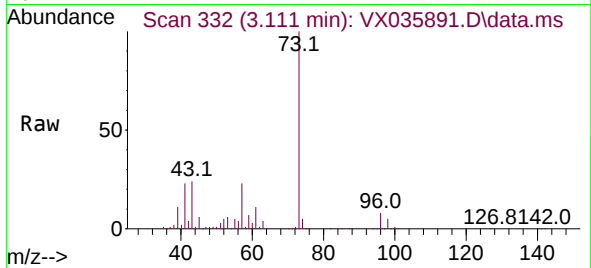
#19
Methyl tert-butyl Ether
Concen: 151.530 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 125350
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

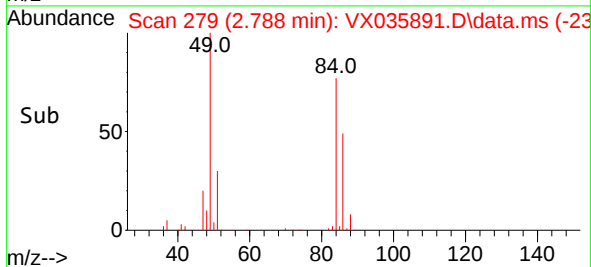
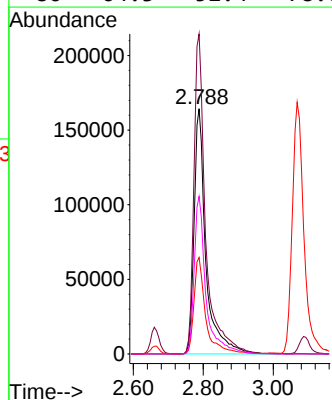
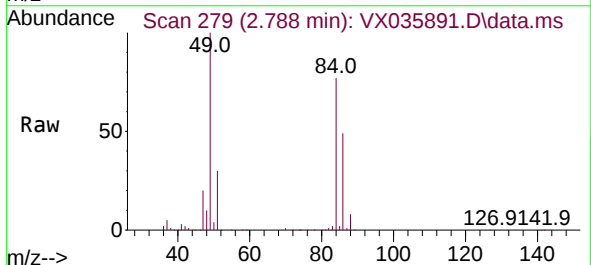
Manual Integrations
APPROVED

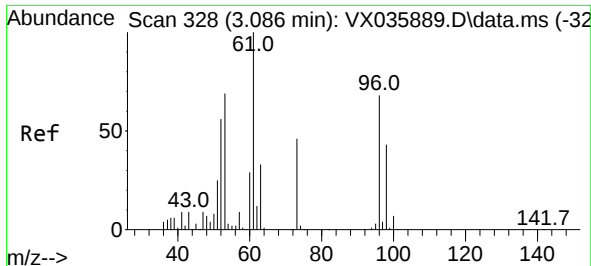
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#20
Methylene Chloride
Concen: 151.787 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

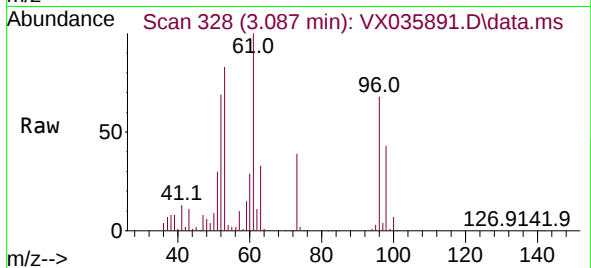
Tgt Ion: 84 Resp: 383776
Ion Ratio Lower Upper
84 100
49 130.4 104.6 156.8
51 39.3 32.2 48.4
86 64.3 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 153.261 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

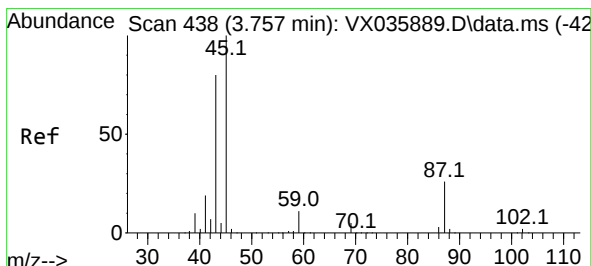
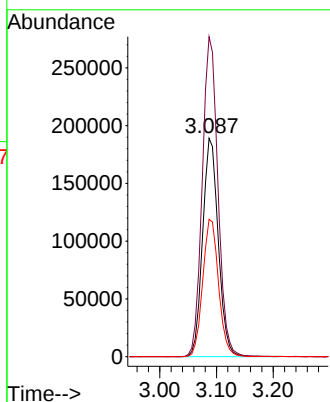
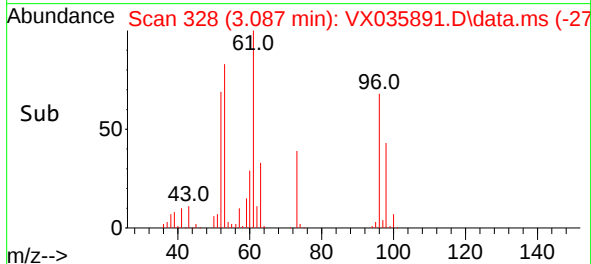
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



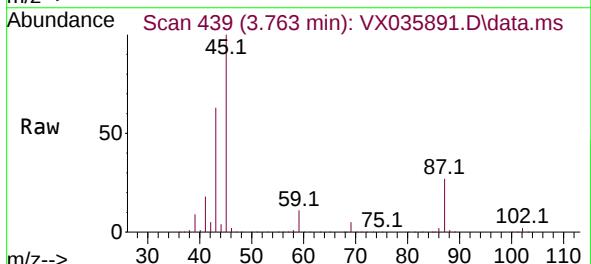
Tgt Ion: 96 Resp: 362494
Ion Ratio Lower Upper
96 100
61 146.5 118.2 177.4
98 63.0 50.6 75.8

Manual Integrations
APPROVED

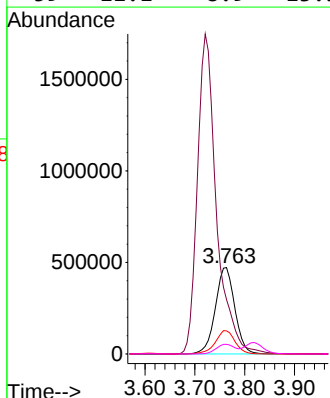
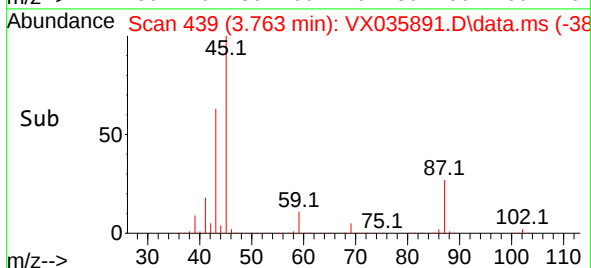
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

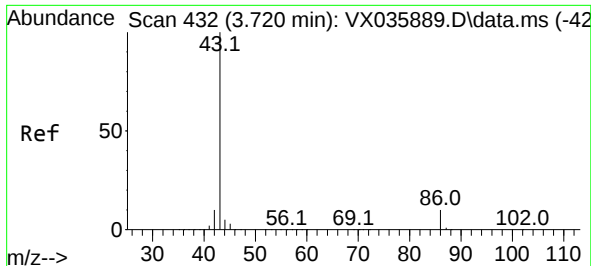


#22
Diisopropyl ether
Concen: 150.389 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14



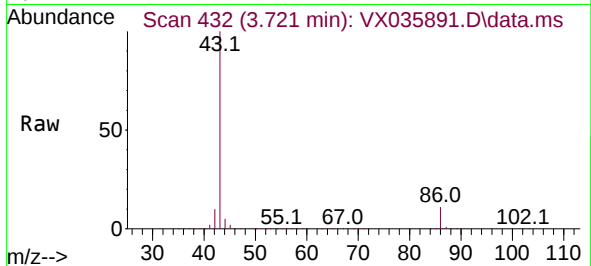
Tgt Ion: 45 Resp: 1280040
Ion Ratio Lower Upper
45 100
43 63.0 63.8 95.6#
87 26.6 20.6 31.0
59 11.1 8.9 13.3





#23
 Vinyl Acetate
 Concen: 784.812 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035891.D
 Acq: 26 May 2023 18:14

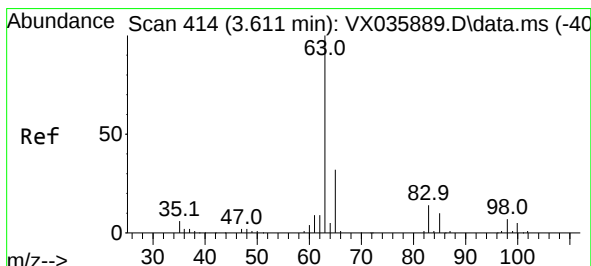
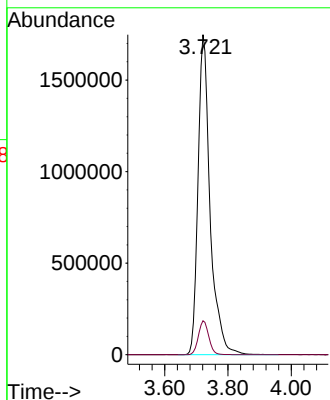
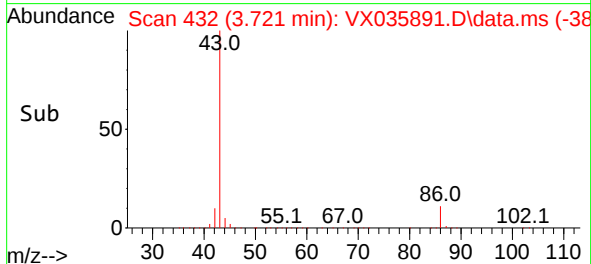
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150



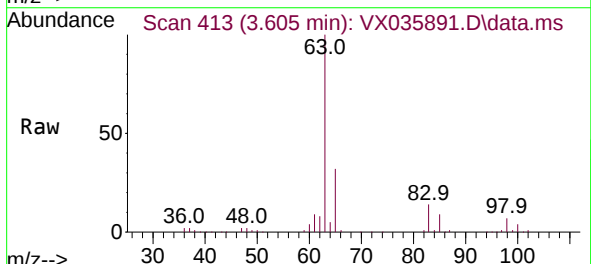
Tgt Ion: 43 Resp: 465327
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.6

Manual Integrations
 APPROVED

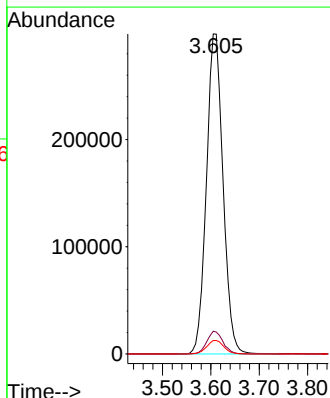
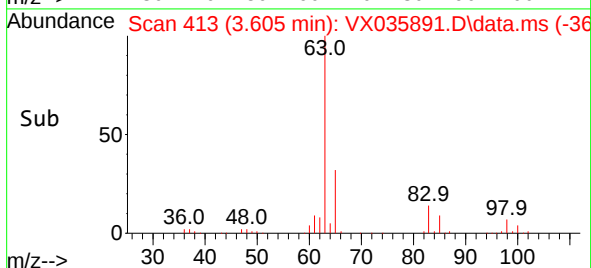
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023

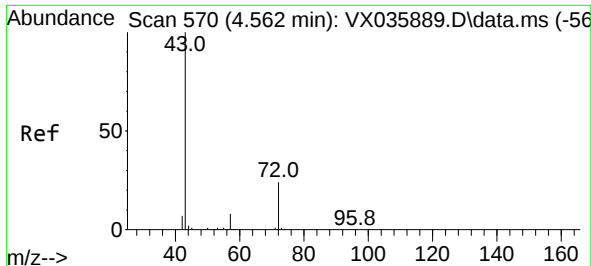


#24
 1,1-Dichloroethane
 Concen: 151.511 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035891.D
 Acq: 26 May 2023 18:14



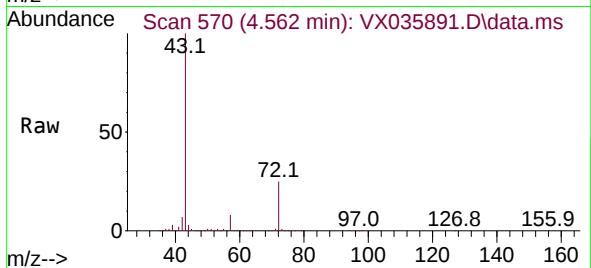
Tgt Ion: 63 Resp: 711673
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.2 2.3 6.9





#25
2-Butanone
Concen: 747.380 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

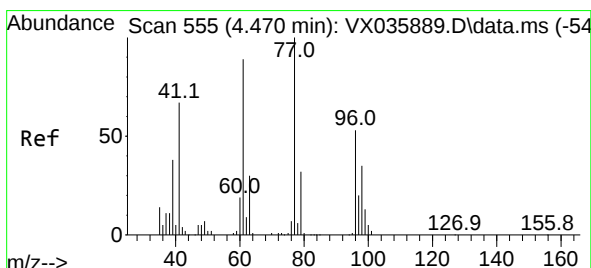
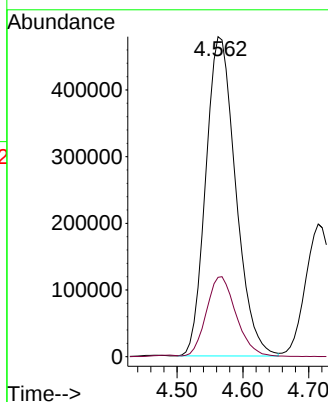
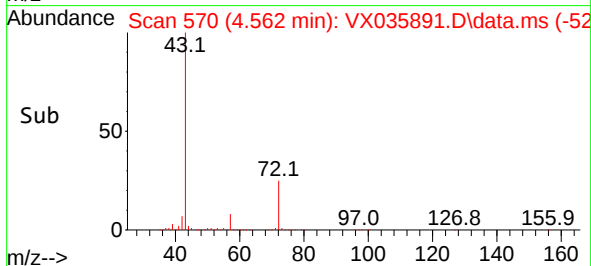
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 151540
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2

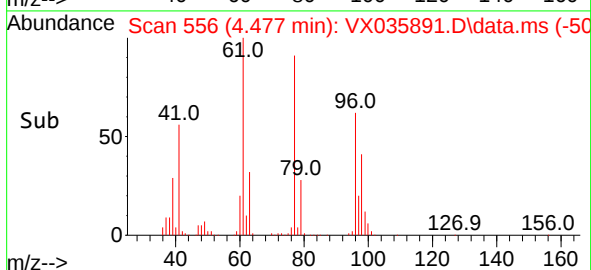
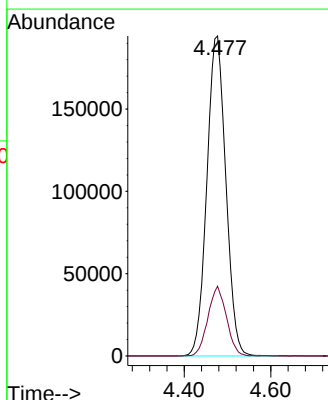
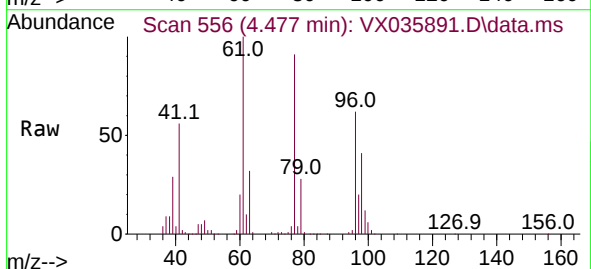
Manual Integrations
APPROVED

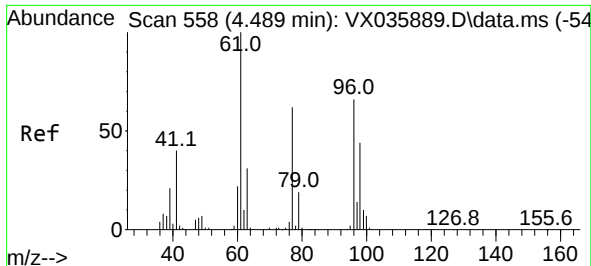
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#26
2,2-Dichloropropane
Concen: 163.409 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

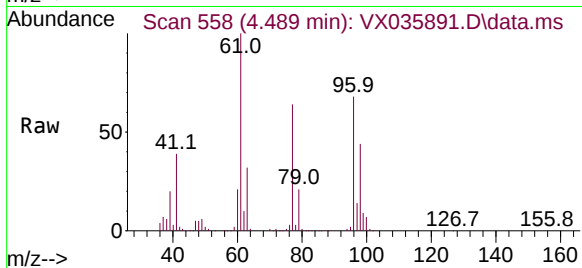
Tgt Ion: 77 Resp: 591893
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.6





#27
 cis-1,2-Dichloroethene
 Concen: 153.900 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX035891.D
 Acq: 26 May 2023 18:14

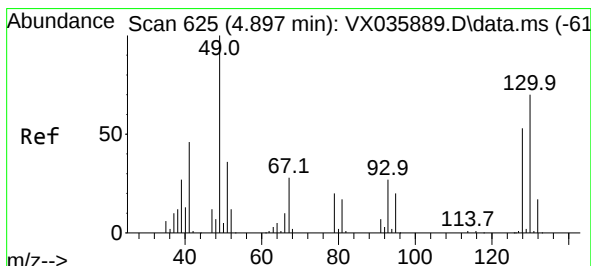
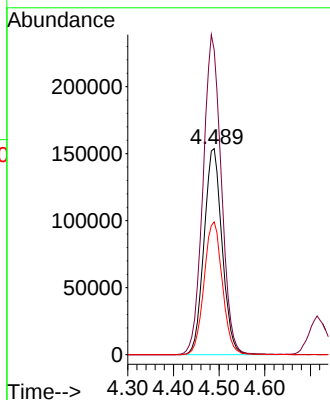
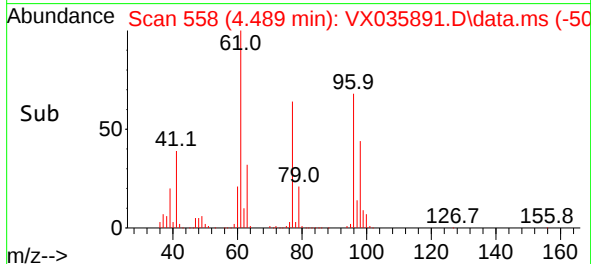
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



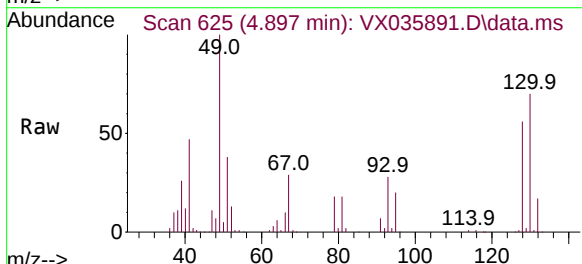
Tgt Ion: 96 Resp: 42342
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 312.6
 98 65.0 0.0 130.0

Manual Integrations
 APPROVED

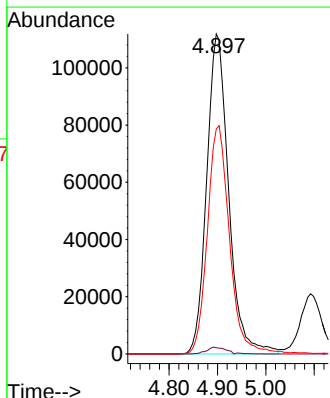
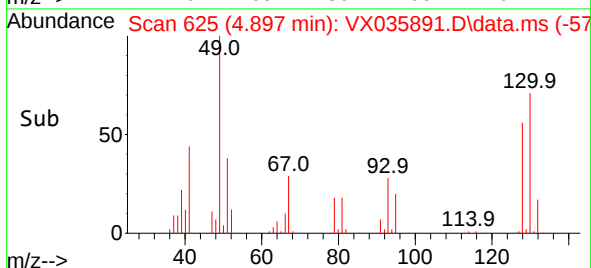
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023

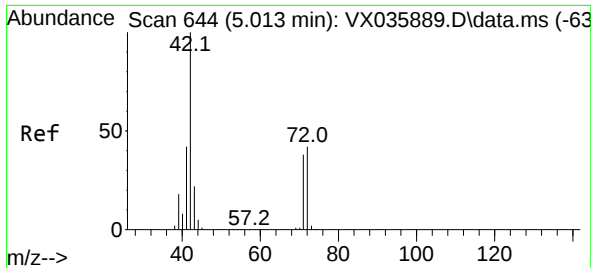


#28
 Bromochloromethane
 Concen: 155.097 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX035891.D
 Acq: 26 May 2023 18:14



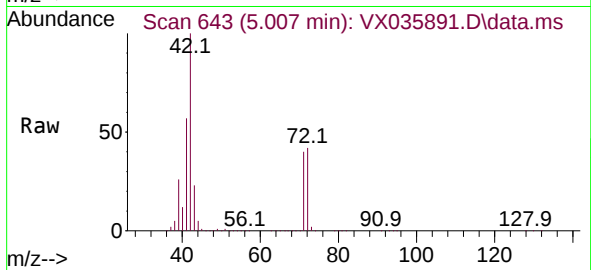
Tgt Ion: 49 Resp: 353027
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 71.8 55.8 83.8





#29
Tetrahydrofuran
Concen: 758.808 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

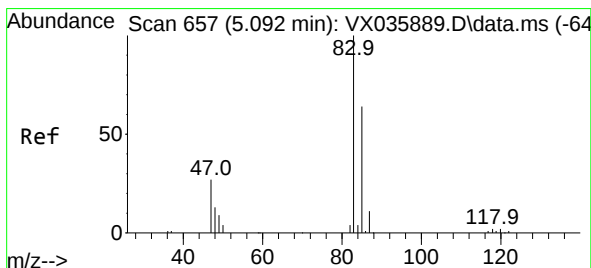
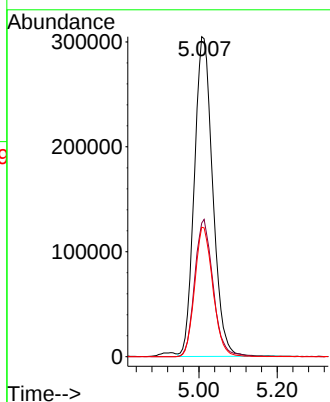
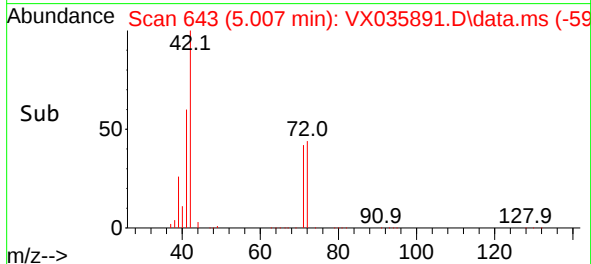
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 42 Resp: 995415
Ion Ratio Lower Upper
42 100
72 42.8 34.2 51.2
71 40.0 31.8 47.8

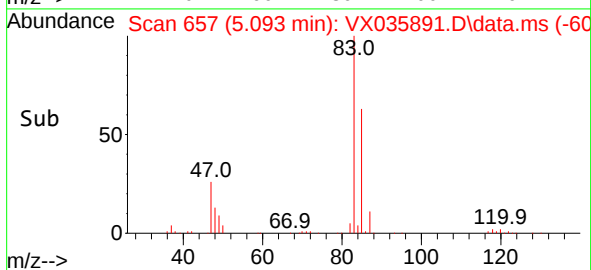
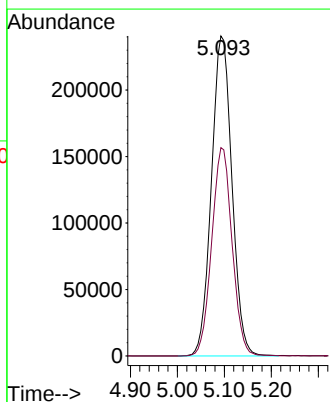
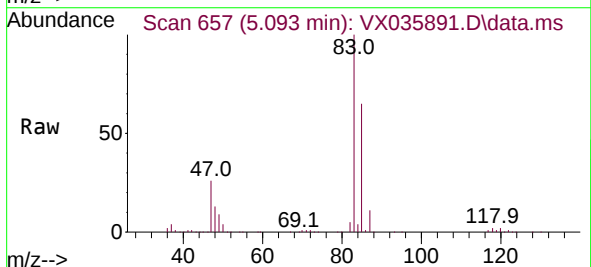
Manual Integrations
APPROVED

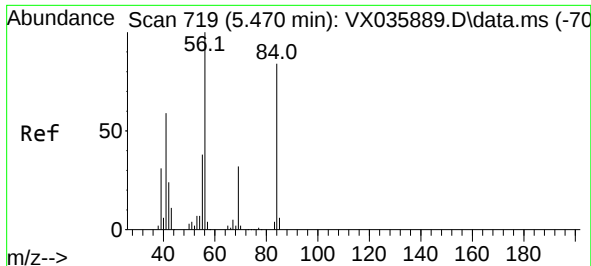
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#30
Chloroform
Concen: 151.470 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

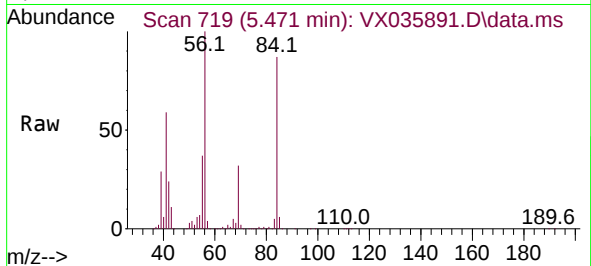
Tgt Ion: 83 Resp: 729899
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.4





#31
Cyclohexane
Concen: 150.903 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

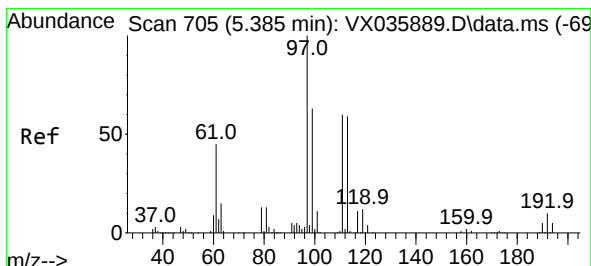
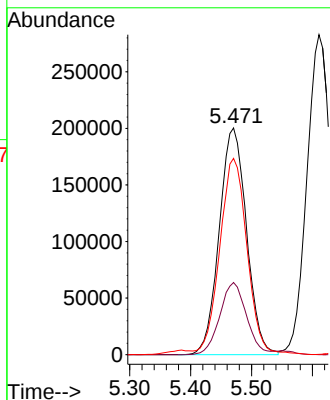
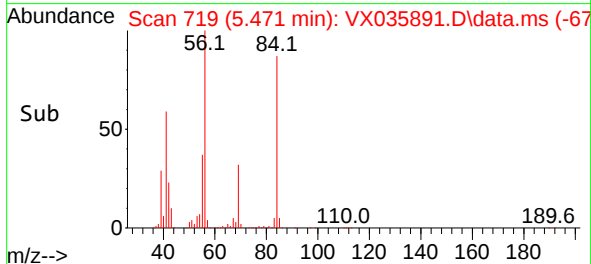
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 622325
Ion Ratio Lower Upper
56 100
69 31.8 25.9 38.9
84 85.4 67.6 101.4

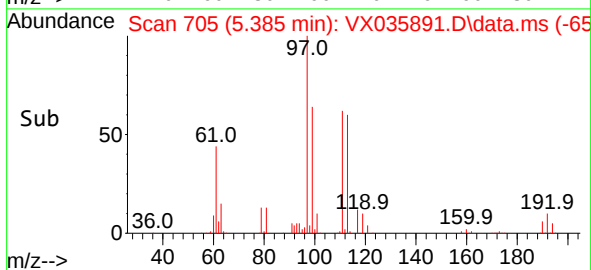
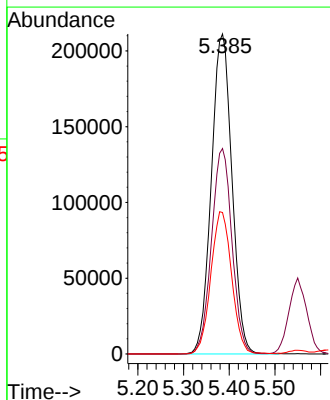
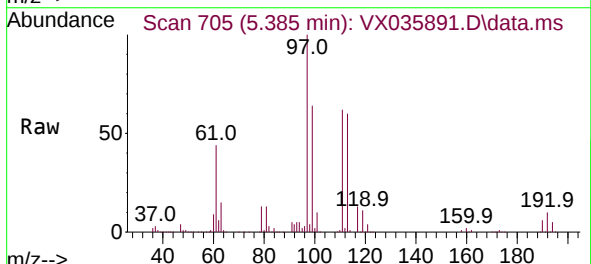
Manual Integrations
APPROVED

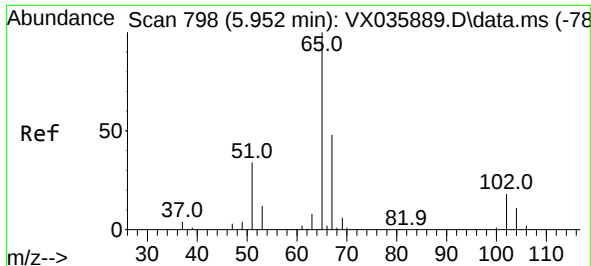
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#32
1,1,1-Trichloroethane
Concen: 158.980 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion: 97 Resp: 661961
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.0 36.9 55.3





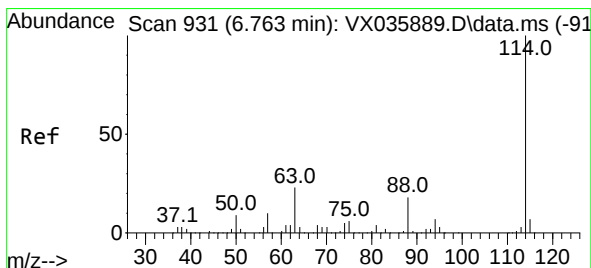
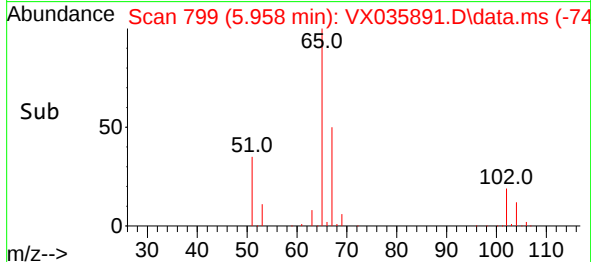
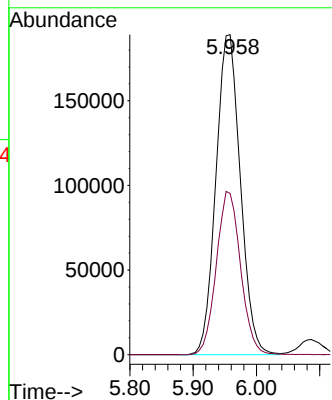
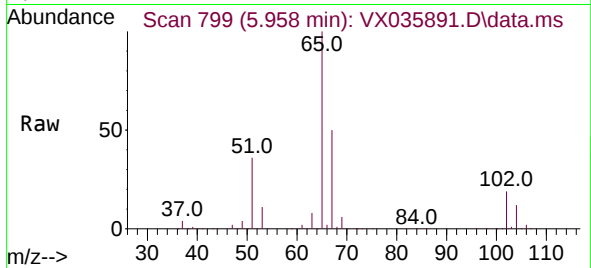
#33
1,2-Dichloroethane-d4
Concen: 146.017 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 506994
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.6

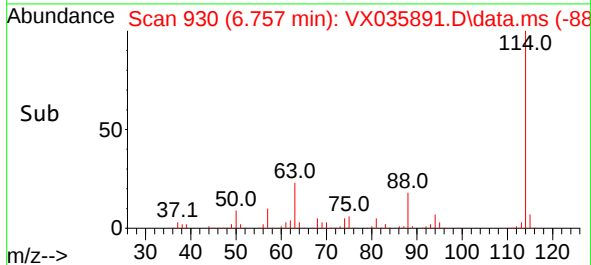
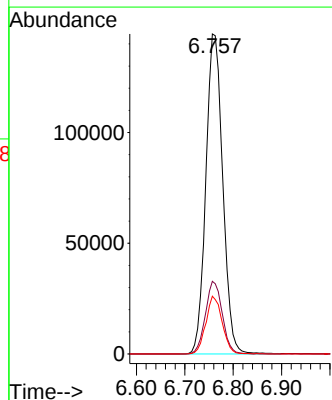
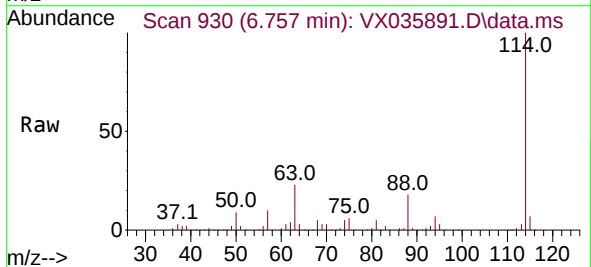
Manual Integrations
APPROVED

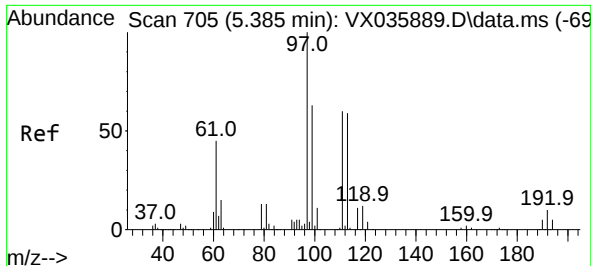
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

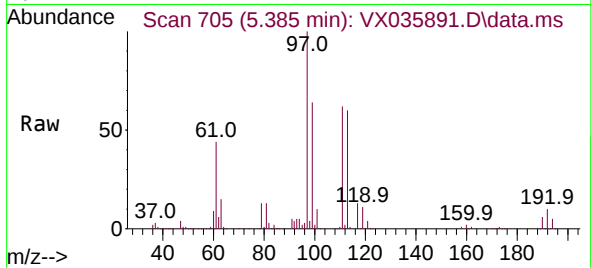
Tgt Ion:114 Resp: 350831
Ion Ratio Lower Upper
114 100
63 22.7 0.0 46.0
88 18.0 0.0 35.2





#35
Dibromofluoromethane
Concen: 152.136 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

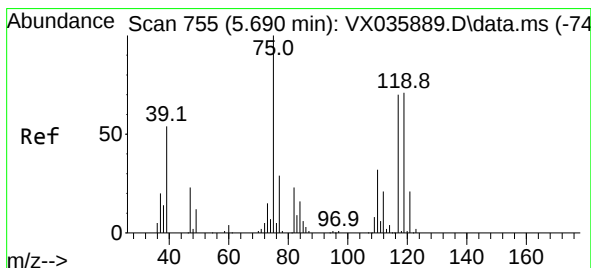
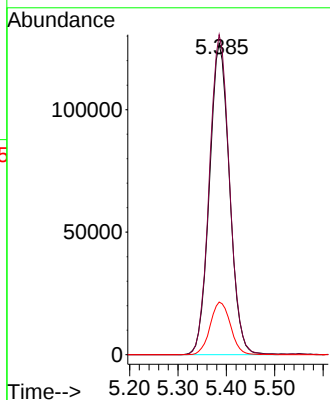
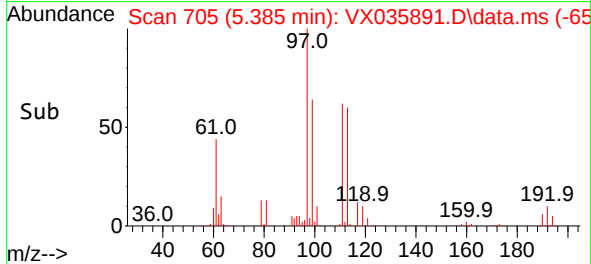
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 366628
Ion Ratio Lower Upper
113 100
111 103.0 81.7 122.5
192 17.1 13.5 20.3

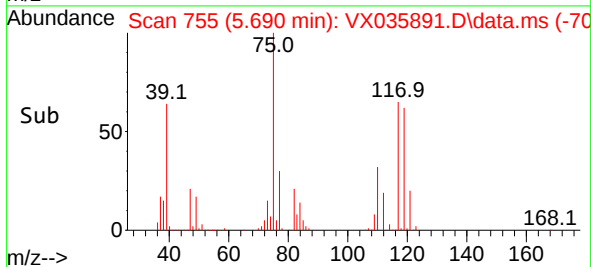
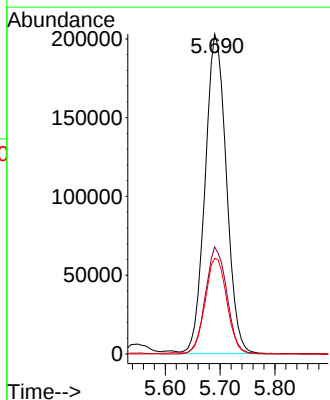
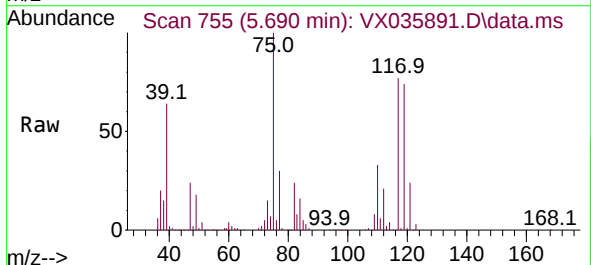
Manual Integrations
APPROVED

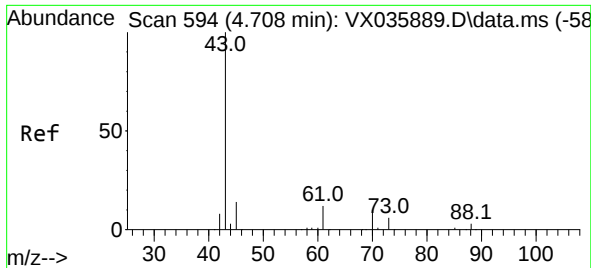
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#36
1,1-Dichloropropene
Concen: 149.283 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion: 75 Resp: 546270
Ion Ratio Lower Upper
75 100
110 33.7 16.6 49.7
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 150.045 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 594364

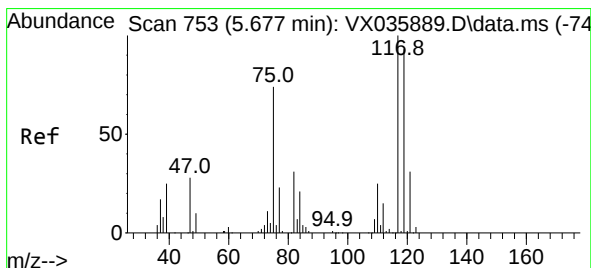
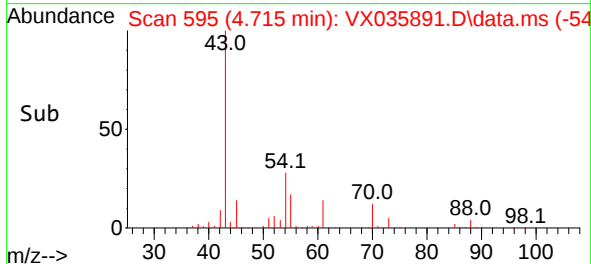
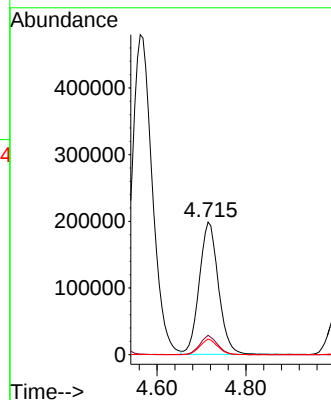
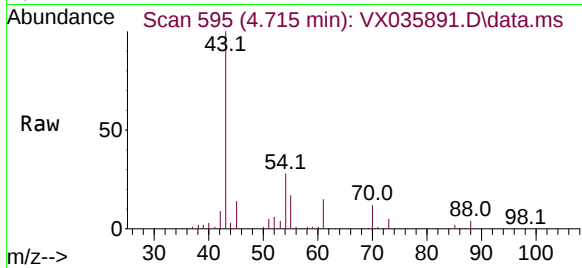
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.3	15.5
70	10.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#38

Carbon Tetrachloride

Concen: 161.037 ug/l

RT: 5.678 min Scan# 753

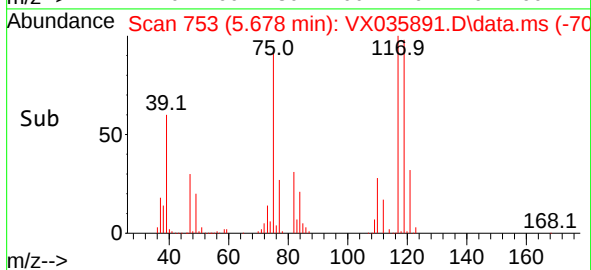
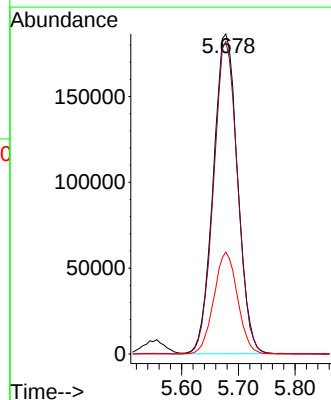
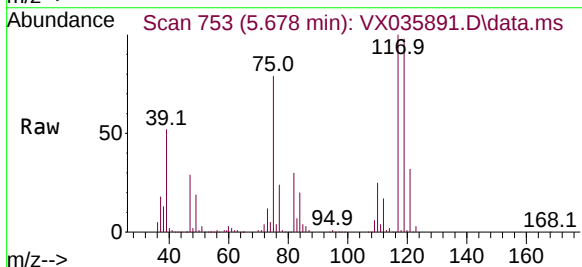
Delta R.T. 0.000 min

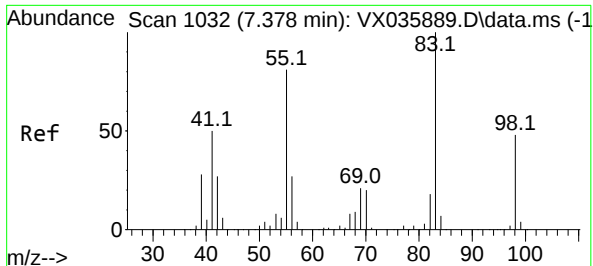
Lab File: VX035891.D

Acq: 26 May 2023 18:14

Tgt Ion:117 Resp: 555407

Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.1	111.1
121	31.9	25.0	37.4





#39

Methylcyclohexane

Concen: 152.746 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 63776

Ion Ratio Lower Upper

83 100

55 80.5 64.9 97.3

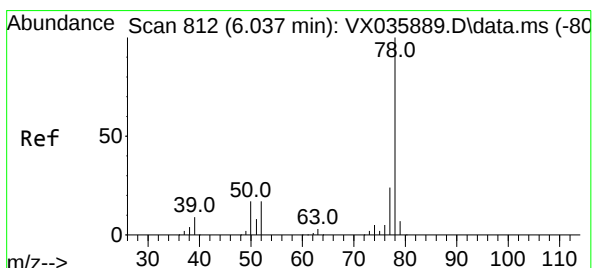
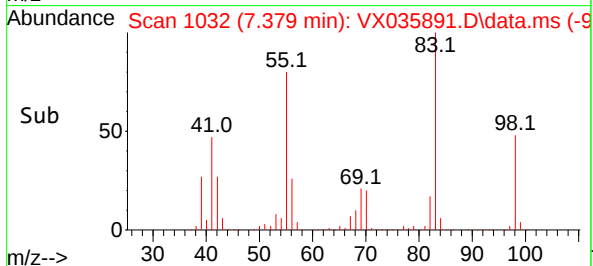
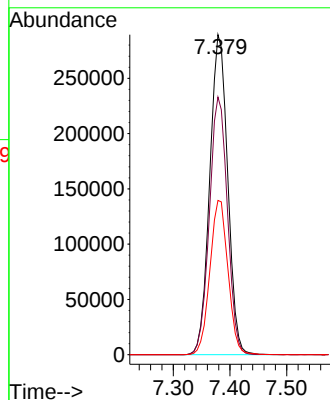
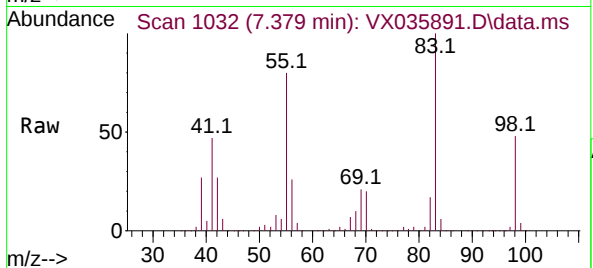
98 48.2 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#40

Benzene

Concen: 147.608 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035891.D

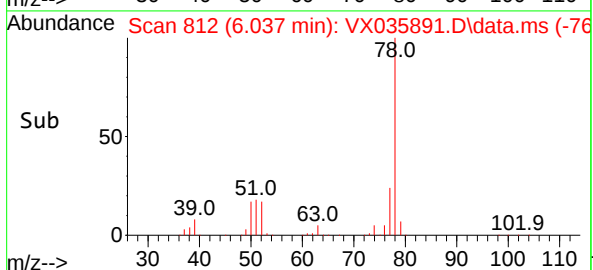
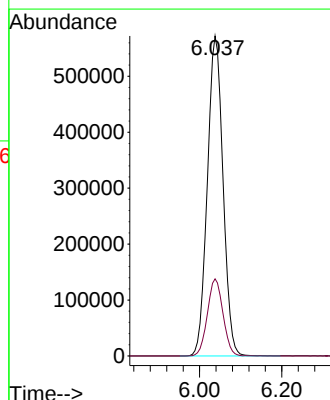
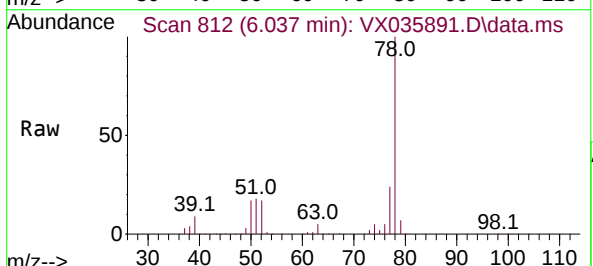
Acq: 26 May 2023 18:14

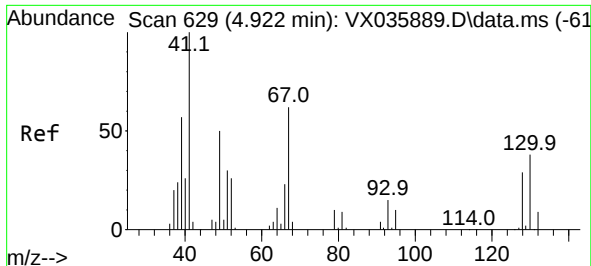
Tgt Ion: 78 Resp: 1512875

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 149.815 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

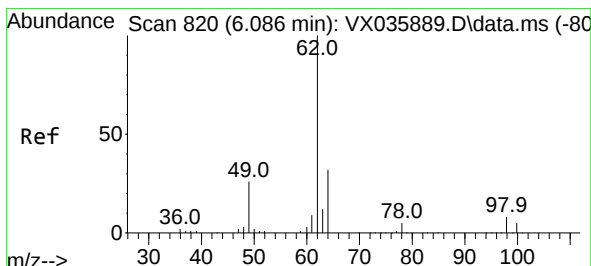
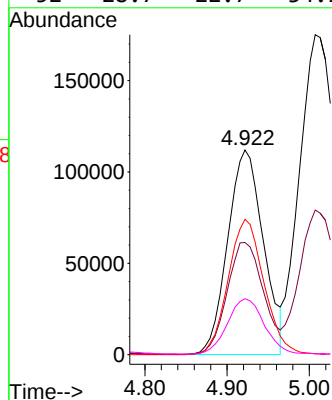
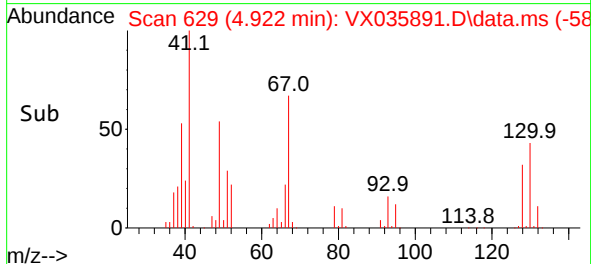
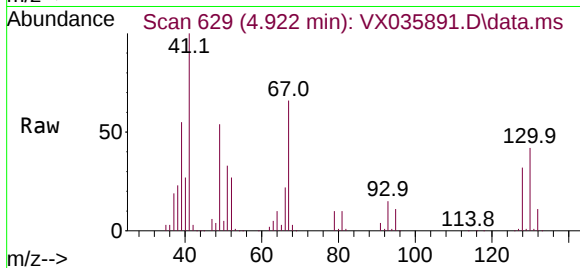
Tgt Ion: 41 Resp: 337825
Ion Ratio Lower Upper
41 100
39 55.9 45.6 68.4
67 66.8 51.8 77.6
52 28.7 22.7 34.1

Manual Integrations

APPROVED

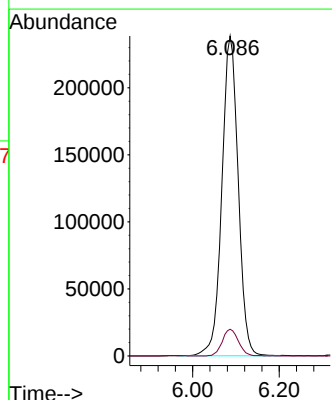
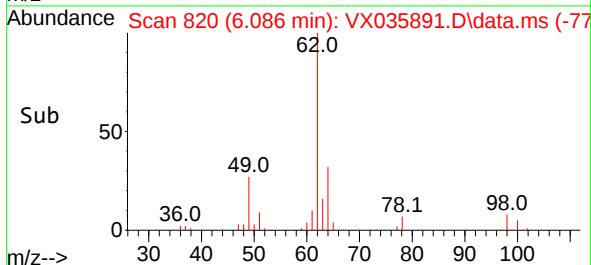
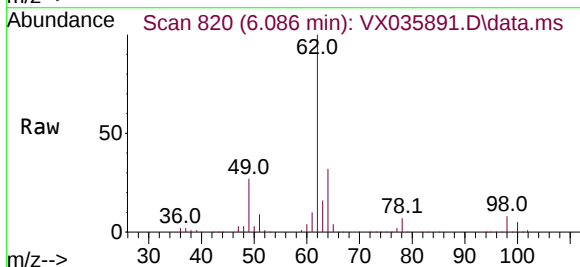
Reviewed By :John Carlone 05/30/2023

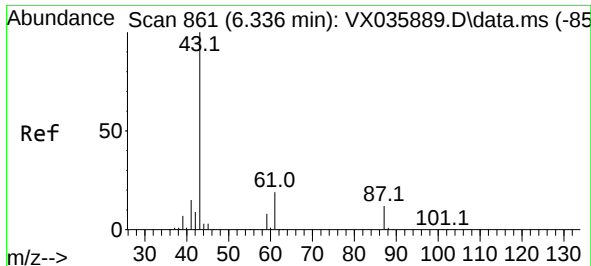
Supervised By :Mahesh Dadoda 05/30/2023



#42
1,2-Dichloroethane
Concen: 144.566 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion: 62 Resp: 625850
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 158.410 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 100554

Ion Ratio Lower Upper

43 100

61 19.3 15.0 22.4

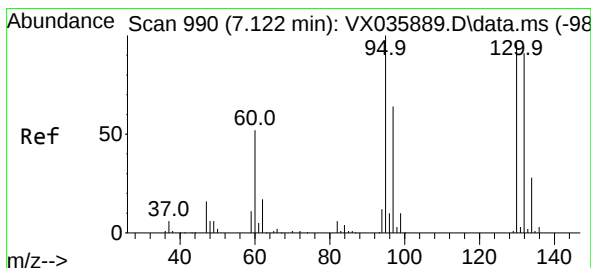
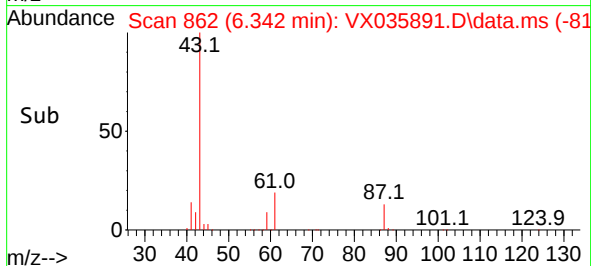
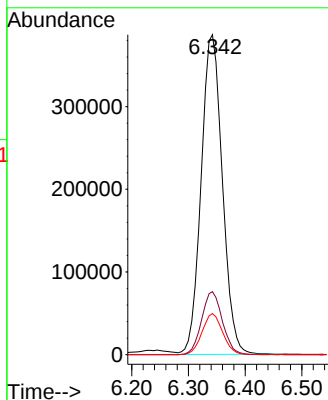
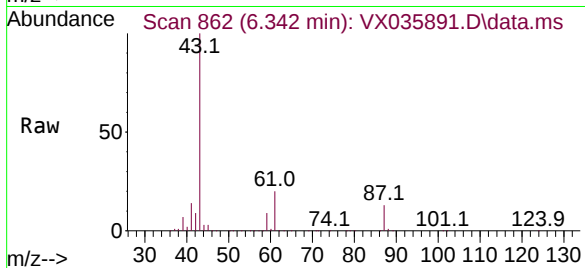
87 12.5 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#44

Trichloroethene

Concen: 152.333 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX035891.D

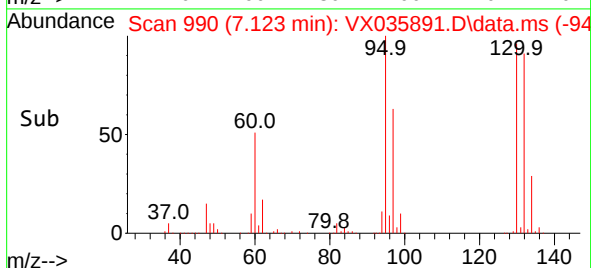
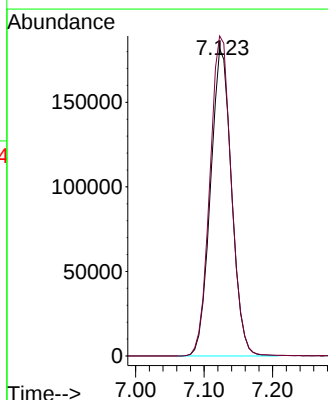
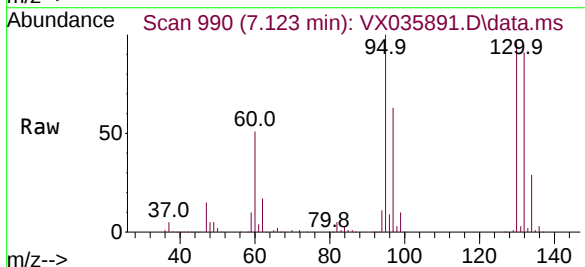
Acq: 26 May 2023 18:14

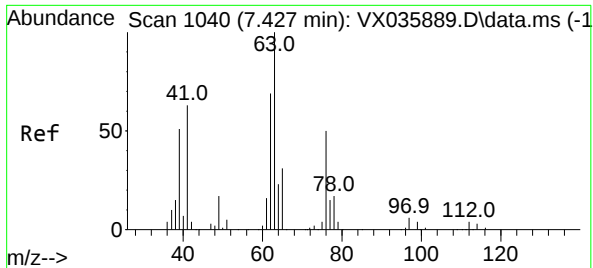
Tgt Ion:130 Resp: 388927

Ion Ratio Lower Upper

130 100

95 104.2 0.0 207.6





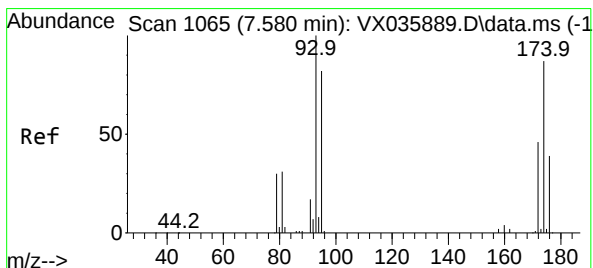
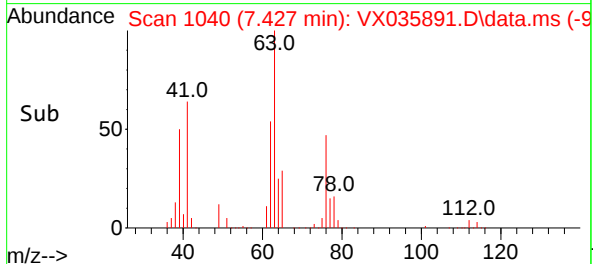
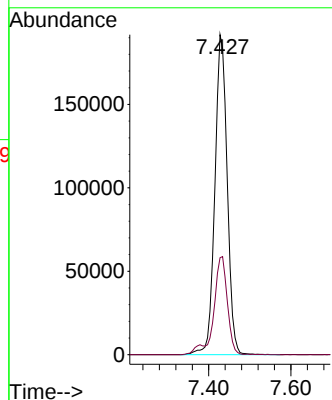
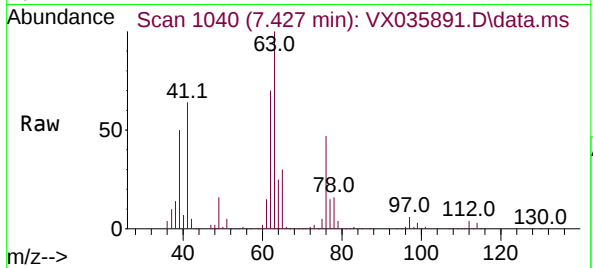
#45
1,2-Dichloropropane
Concen: 147.628 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 399011
Ion Ratio Lower Upper
63 100
65 30.3 24.8 37.2

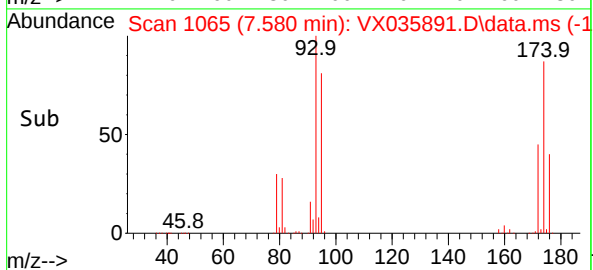
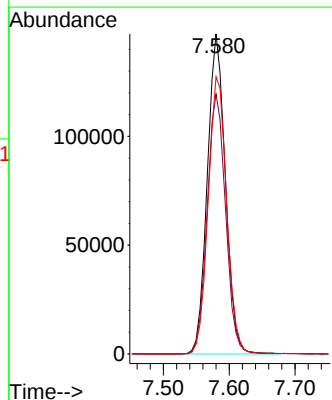
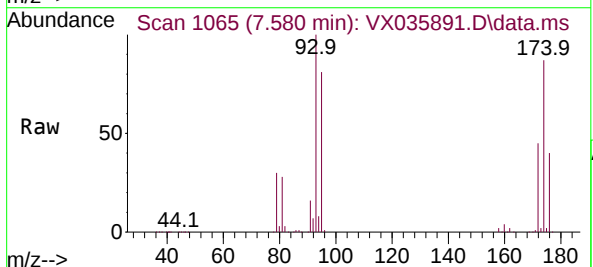
Manual Integrations
APPROVED

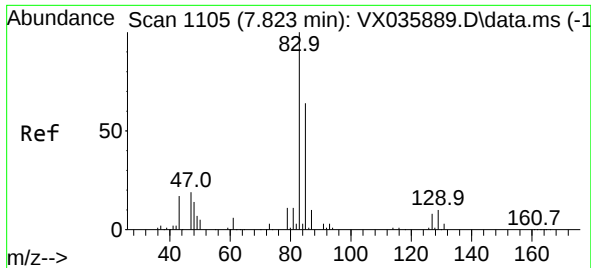
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#46
Dibromomethane
Concen: 151.932 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

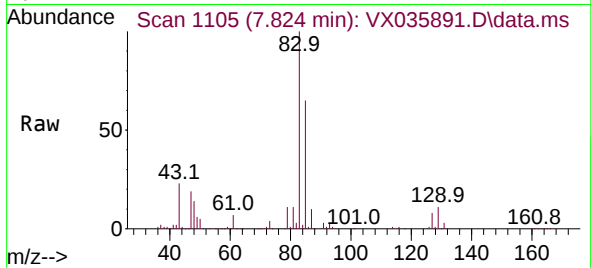
Tgt Ion: 93 Resp: 281967
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.2
174 88.5 69.5 104.3





#47
Bromodichloromethane
Concen: 163.638 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

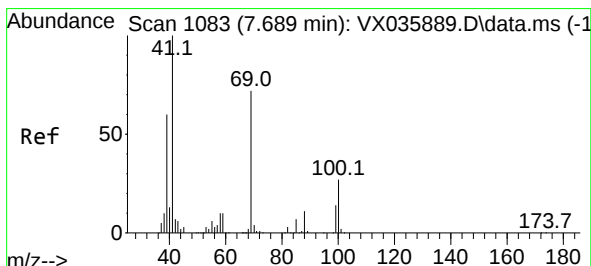
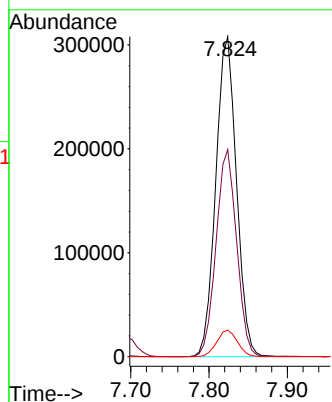
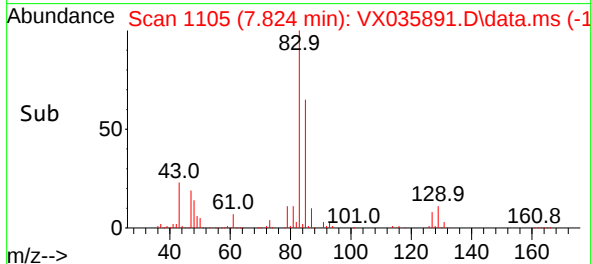
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



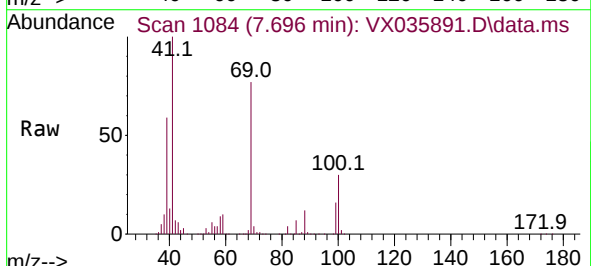
Tgt Ion: 83 Resp: 56605
Ion Ratio Lower Upper
83 100
85 64.7 51.3 76.9
127 8.3 6.6 10.0

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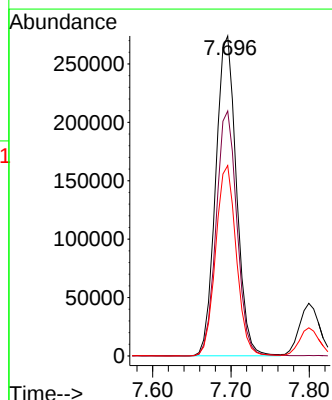
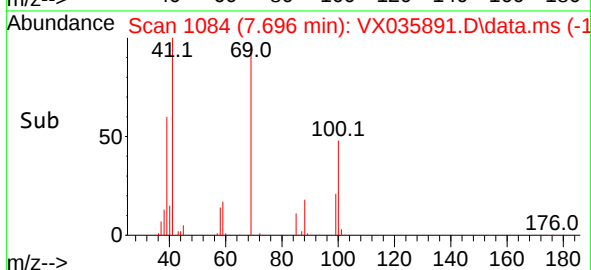
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

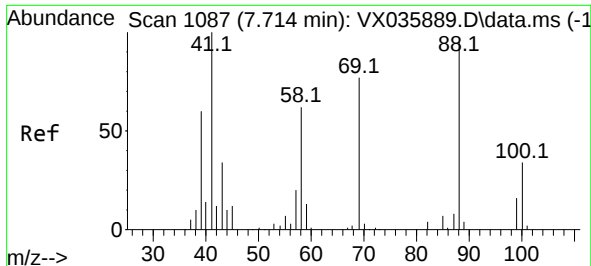


#48
Methyl methacrylate
Concen: 154.869 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14



Tgt Ion: 41 Resp: 504628
Ion Ratio Lower Upper
41 100
69 76.4 59.0 88.6
39 59.3 48.4 72.6





#49

1,4-Dioxane

Concen: 2702.447 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 187918

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0

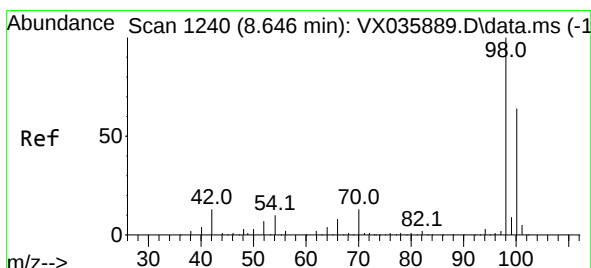
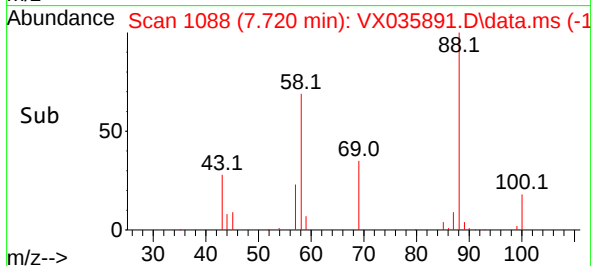
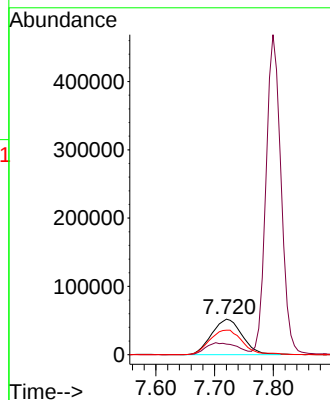
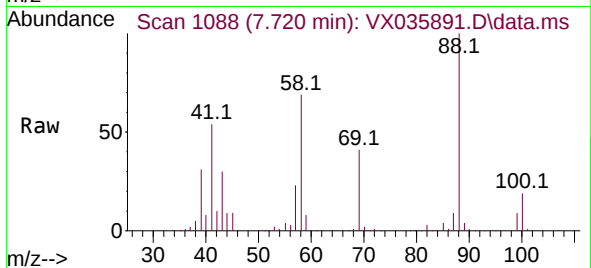
58 74.5 58.9 88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 150.018 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX035891.D

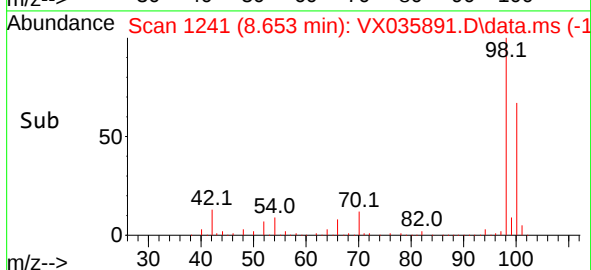
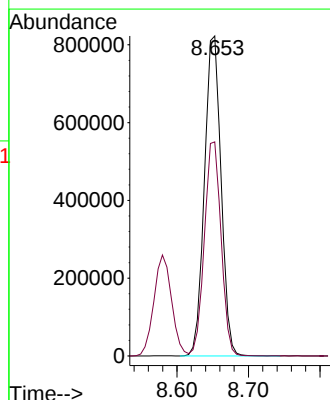
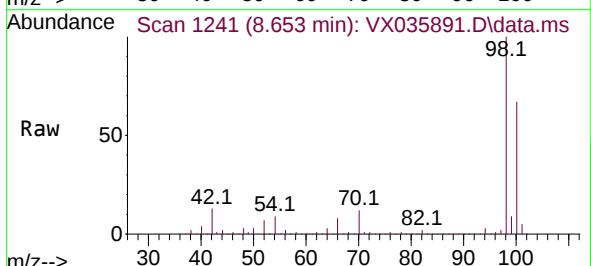
Acq: 26 May 2023 18:14

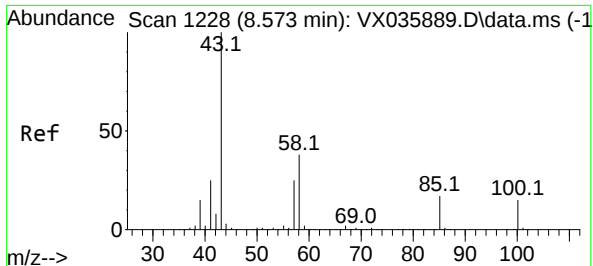
Tgt Ion: 98 Resp: 1326788

Ion Ratio Lower Upper

98 100

100 67.1 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 722.430 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 285466

Ion Ratio Lower Upper

43 100

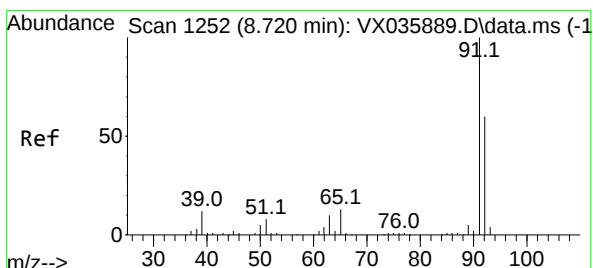
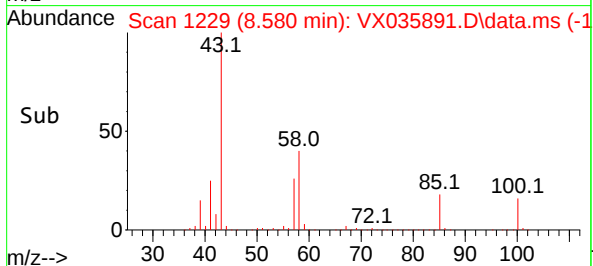
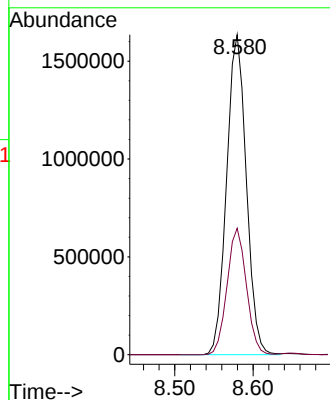
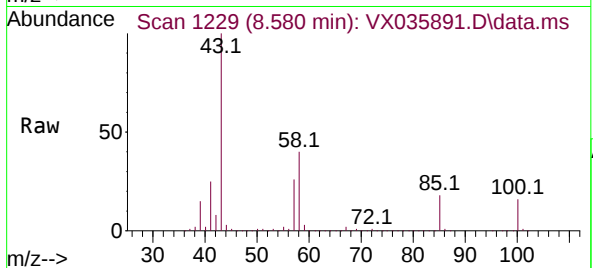
58 38.8 30.1 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#52

Toluene

Concen: 148.699 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035891.D

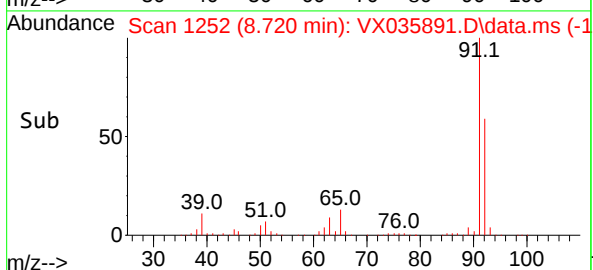
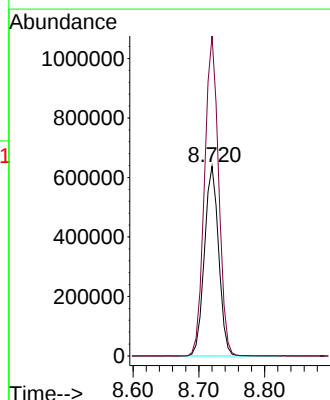
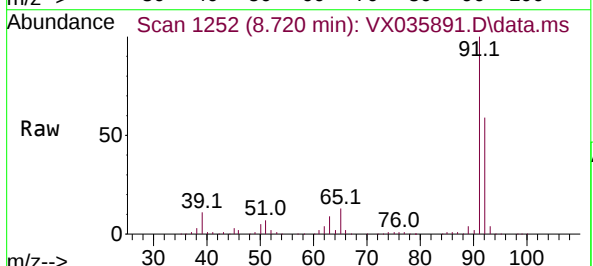
Acq: 26 May 2023 18:14

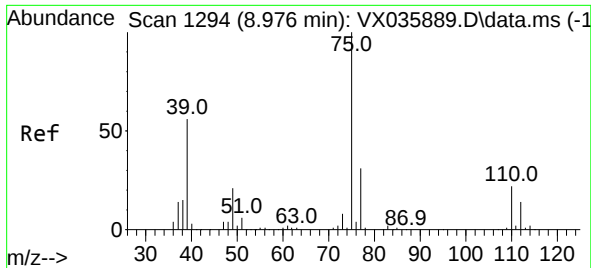
Tgt Ion: 92 Resp: 957181

Ion Ratio Lower Upper

92 100

91 168.0 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 181.091 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 646890

Ion Ratio Lower Upper

75 100

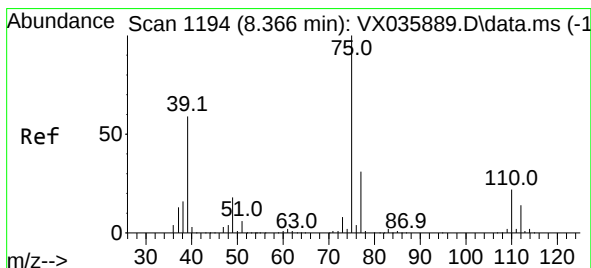
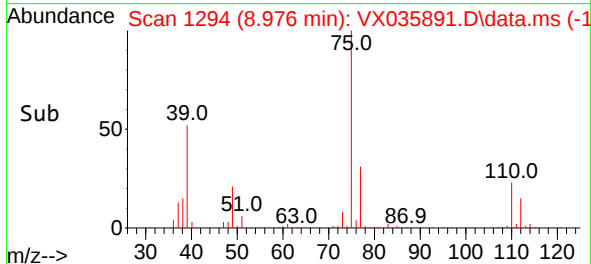
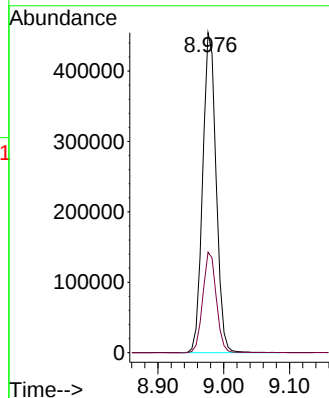
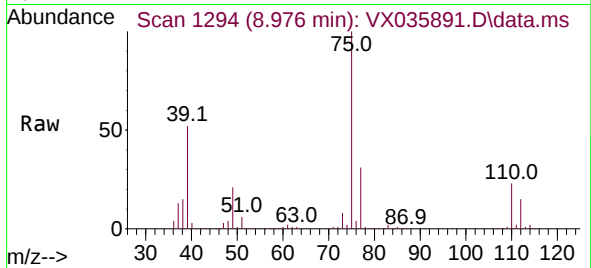
77 31.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#54

cis-1,3-Dichloropropene

Concen: 172.494 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

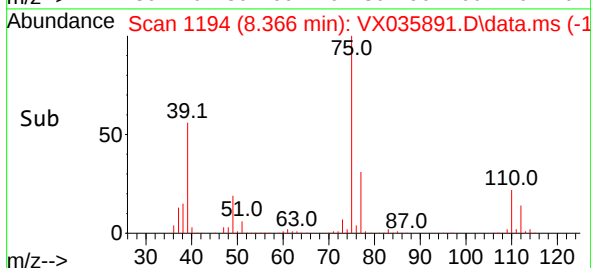
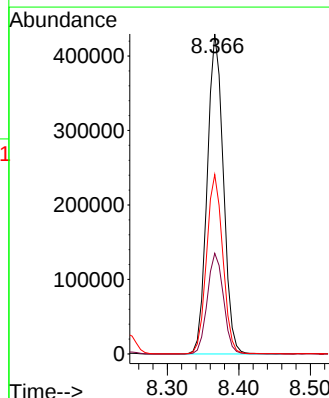
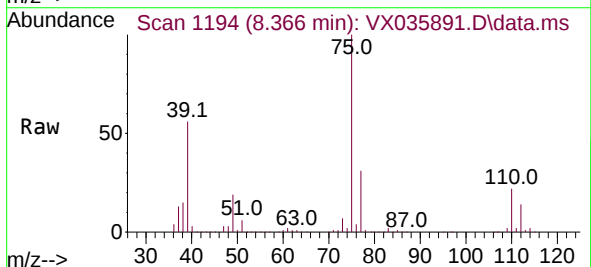
Tgt Ion: 75 Resp: 672573

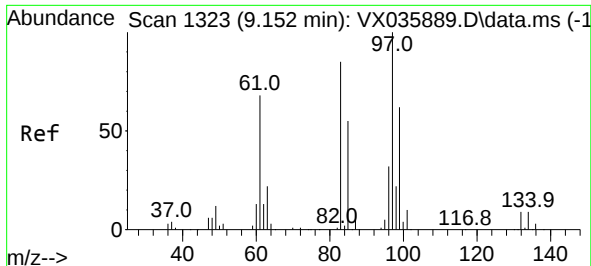
Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

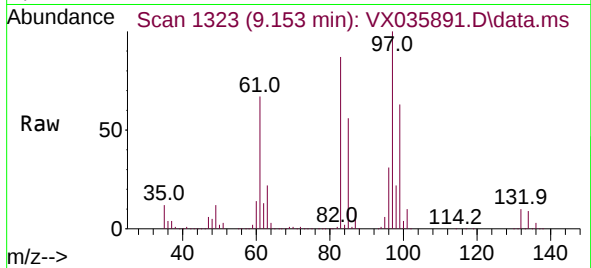
39 56.0 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 152.789 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

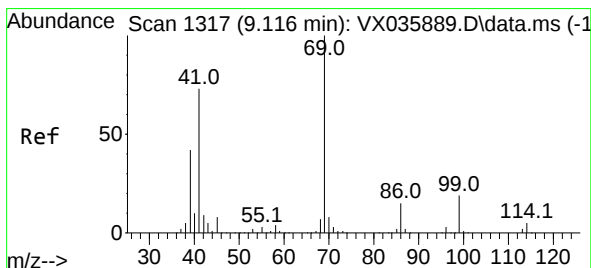
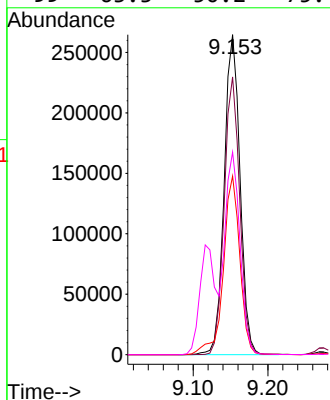
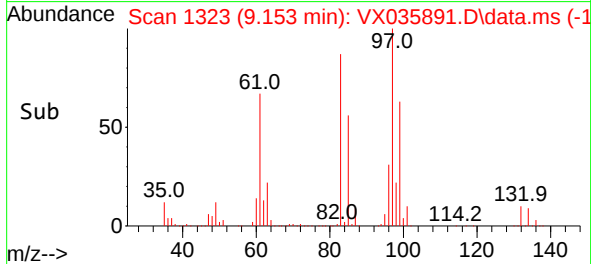


Tgt Ion: 97 Resp: 389902

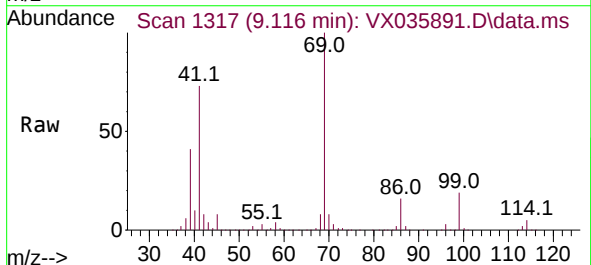
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.3	102.5
85	55.8	44.2	66.2
99	63.3	50.2	75.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

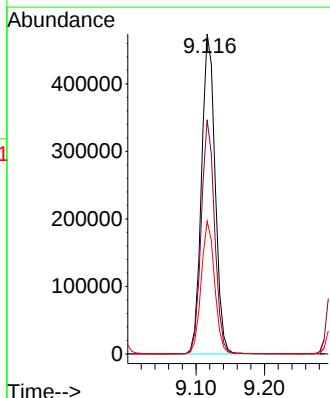
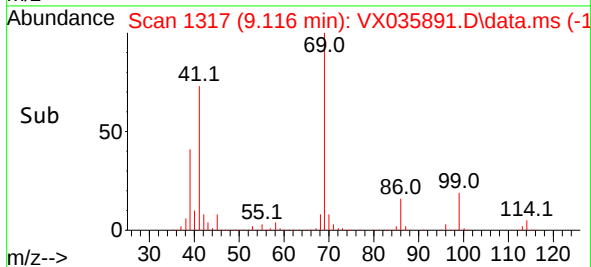


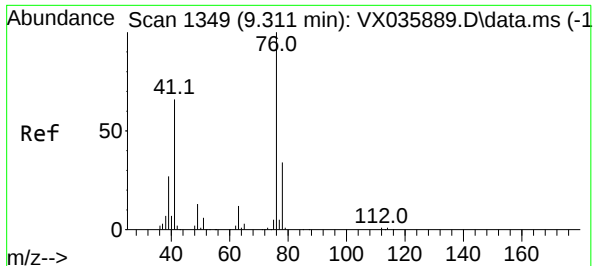
#56
Ethyl methacrylate
Concen: 163.183 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14



Tgt Ion: 69 Resp: 655672

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.9	88.3
39	40.9	33.4	50.0





#57

1,3-Dichloropropane

Concen: 147.290 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 681799

Ion Ratio Lower Upper

76 100

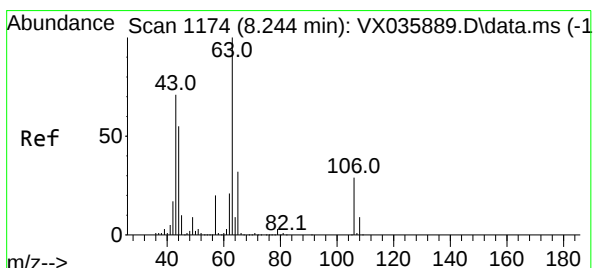
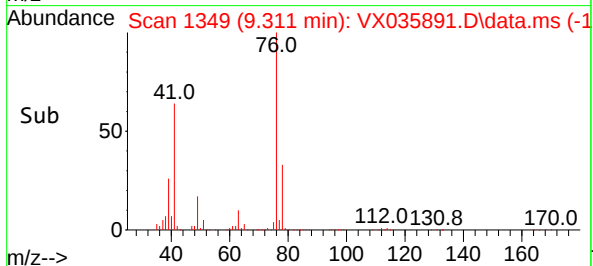
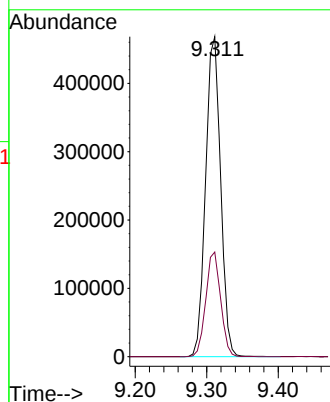
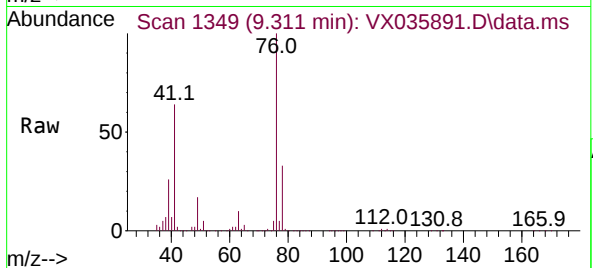
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 838.354 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX035891.D

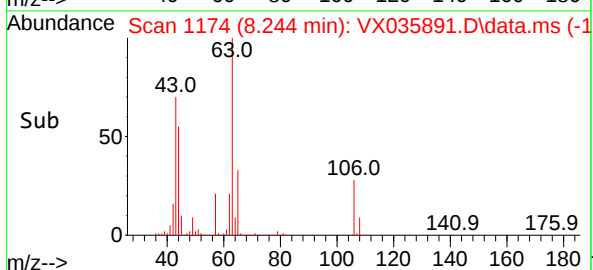
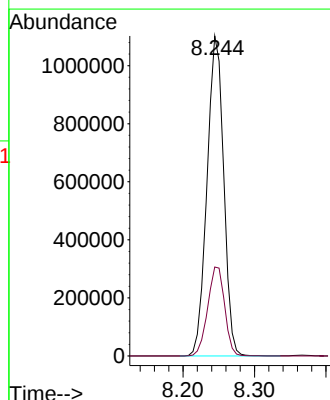
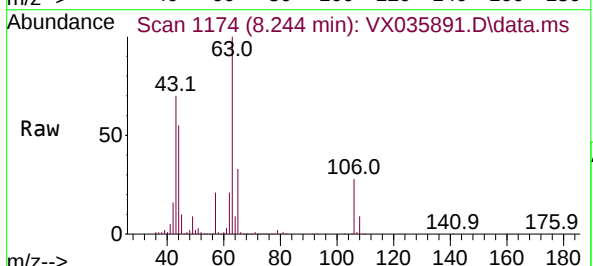
Acq: 26 May 2023 18:14

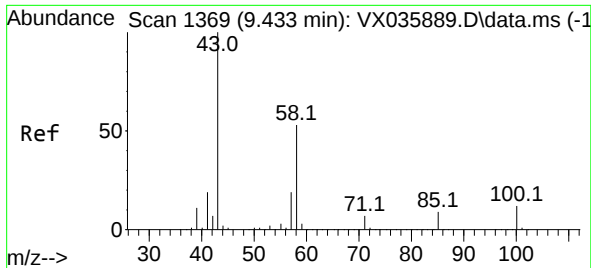
Tgt Ion: 63 Resp: 1782255

Ion Ratio Lower Upper

63 100

106 28.3 22.3 33.5





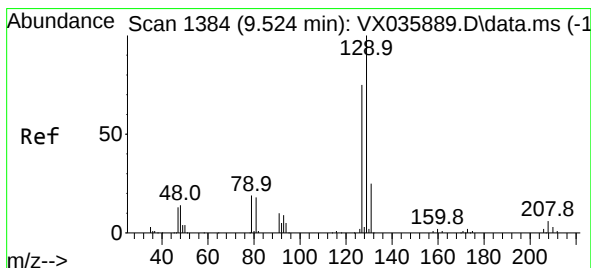
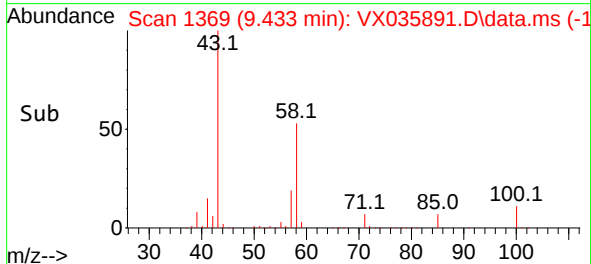
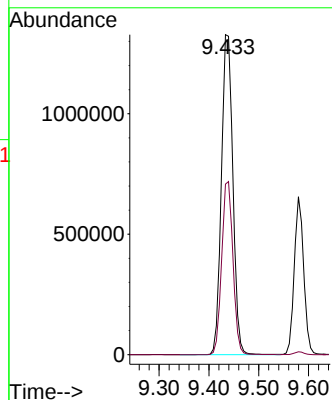
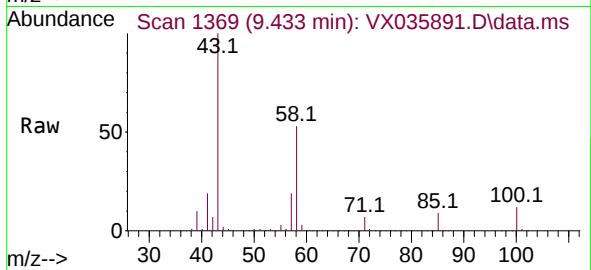
#59
2-Hexanone
Concen: 710.238 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 212124
Ion Ratio Lower Upper
43 100
58 53.2 26.3 78.8

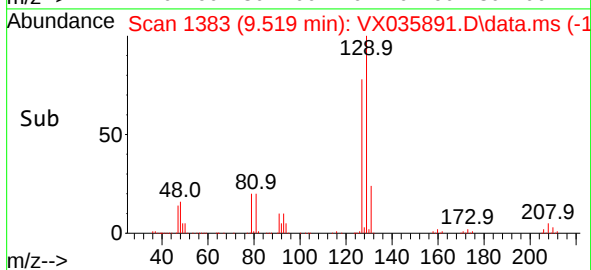
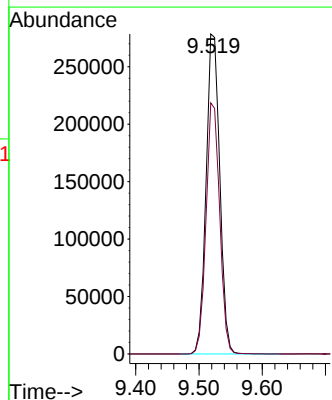
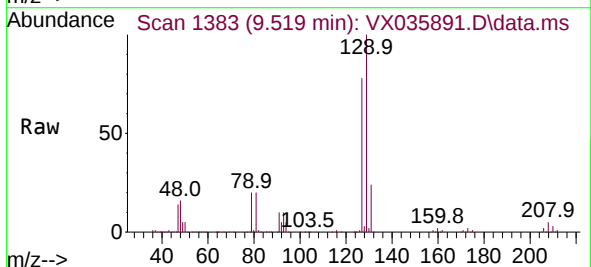
Manual Integrations
APPROVED

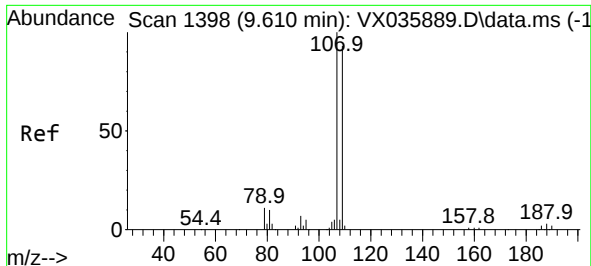
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#60
Dibromochloromethane
Concen: 179.477 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.005 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

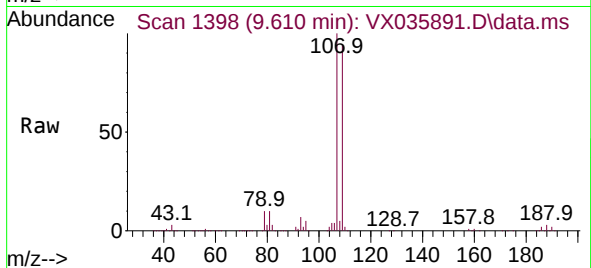
Tgt Ion:129 Resp: 419071
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.1





#61
1,2-Dibromoethane
Concen: 156.130 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

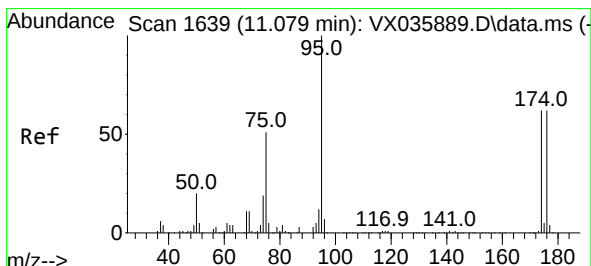
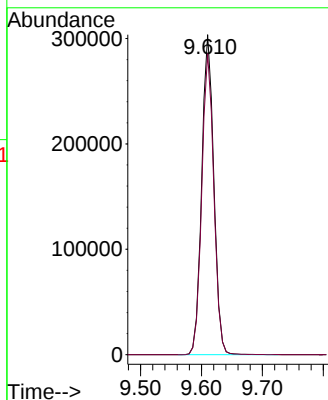
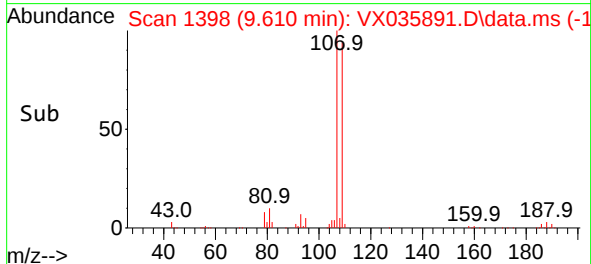
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



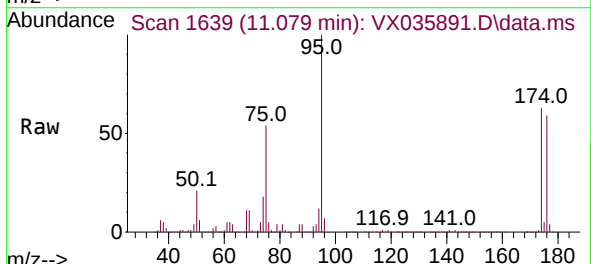
Tgt Ion:107 Resp: 419560
Ion Ratio Lower Upper
107 100
109 94.1 74.8 112.2

Manual Integrations
APPROVED

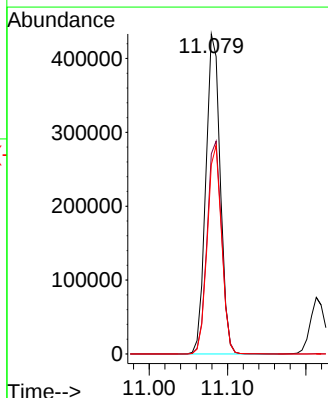
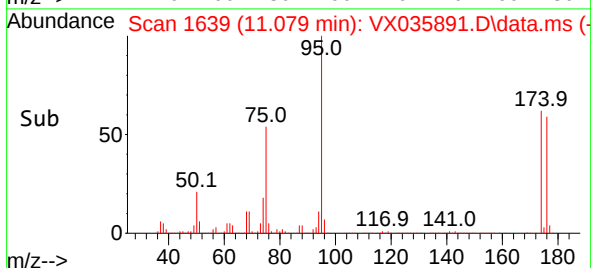
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

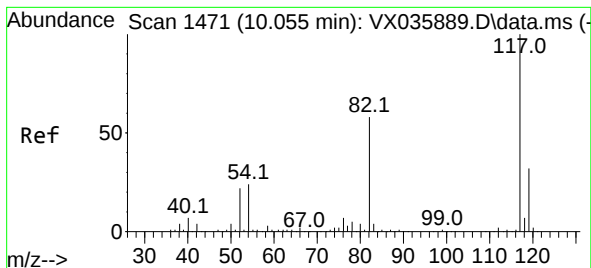


#62
4-Bromofluorobenzene
Concen: 158.515 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14



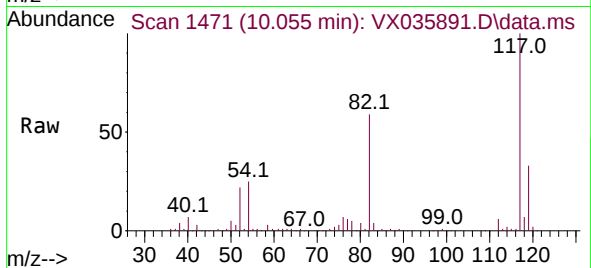
Tgt Ion: 95 Resp: 552350
Ion Ratio Lower Upper
95 100
174 67.4 0.0 132.6
176 64.8 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

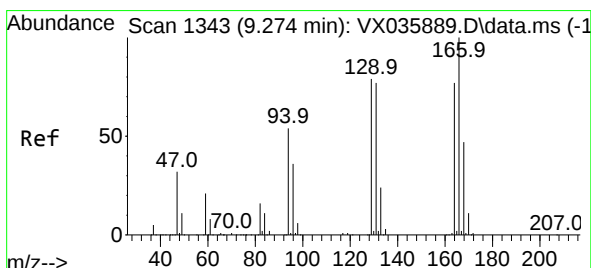
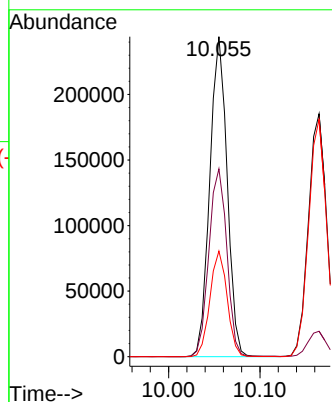
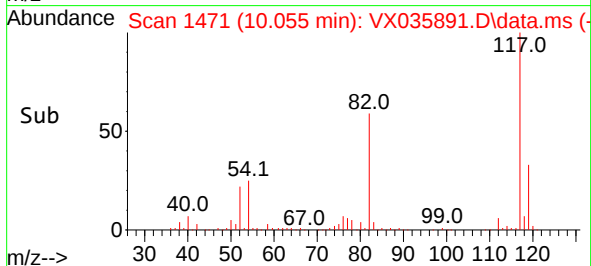
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 32134
Ion Ratio Lower Upper
117 100
82 58.7 46.6 69.8
119 33.0 25.4 38.2

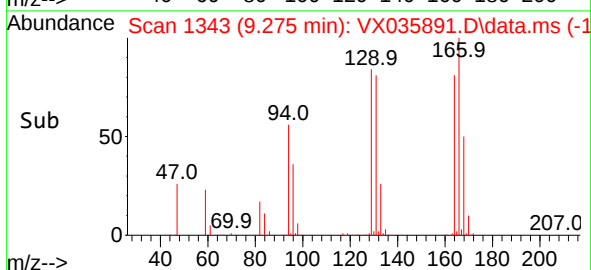
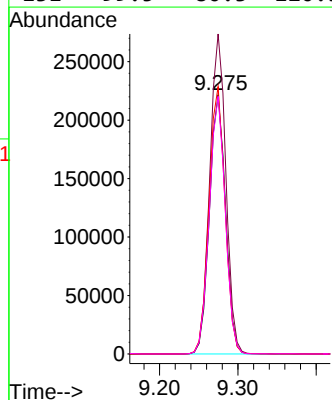
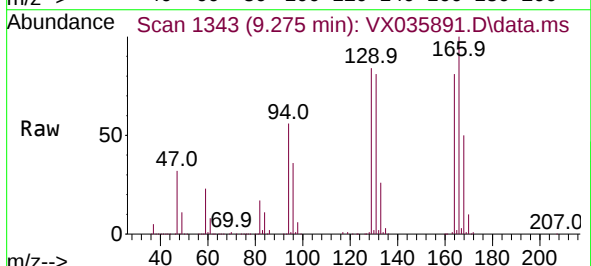
Manual Integrations
APPROVED

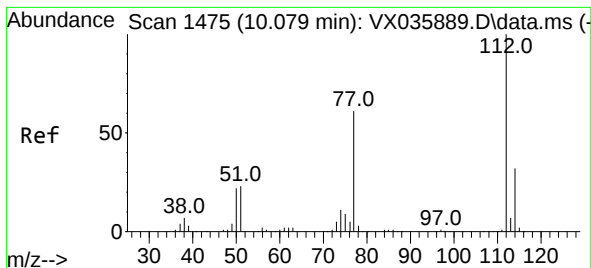
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#64
Tetrachloroethene
Concen: 145.243 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion:164 Resp: 315924
Ion Ratio Lower Upper
164 100
166 123.6 104.4 156.6
129 103.3 82.0 123.0
131 99.5 80.3 120.5





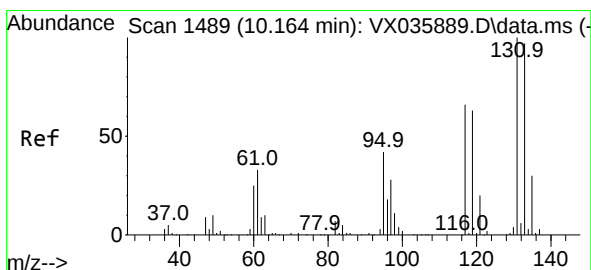
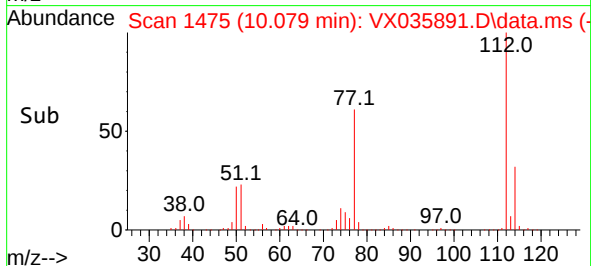
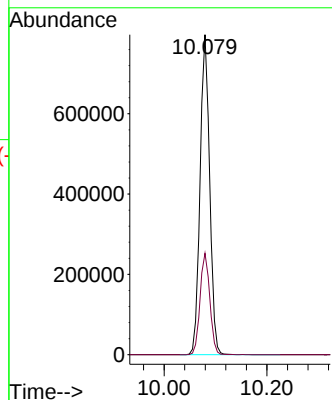
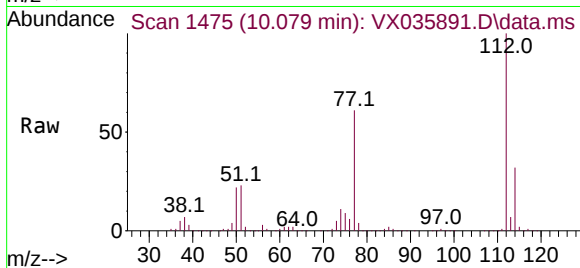
#65
Chlorobenzene
Concen: 150.147 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 102711
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8

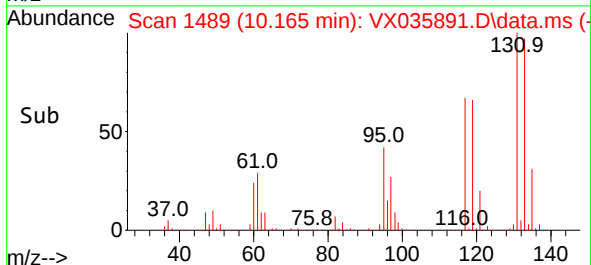
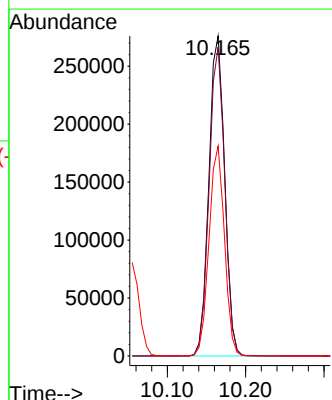
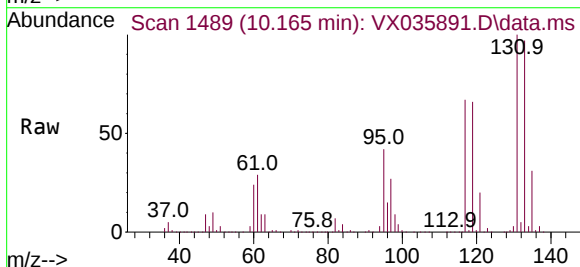
Manual Integrations
APPROVED

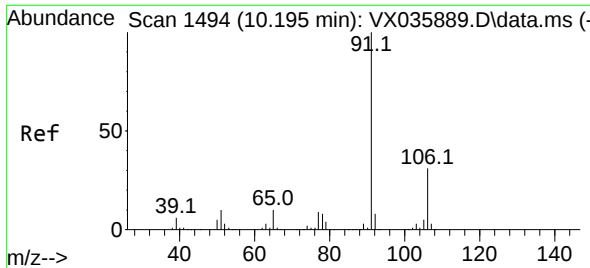
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 164.242 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

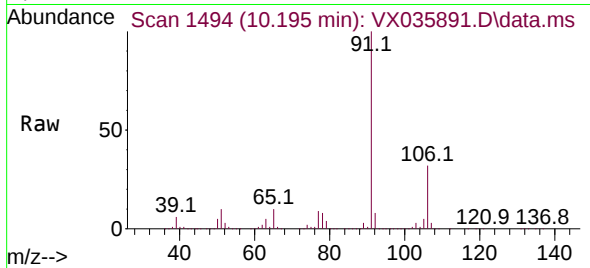
Tgt Ion:131 Resp: 385490
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 64.2 32.1 96.5





#67
Ethyl Benzene
Concen: 148.054 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

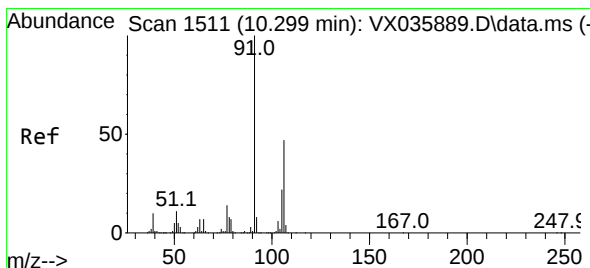
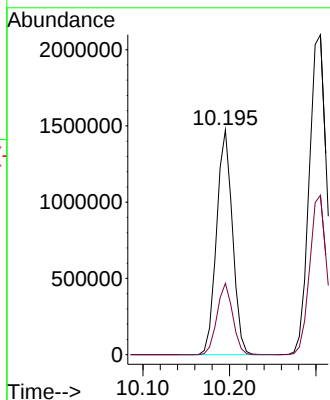
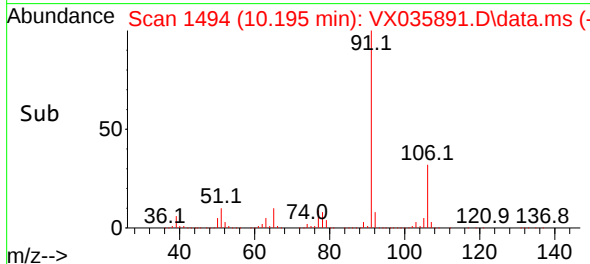
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



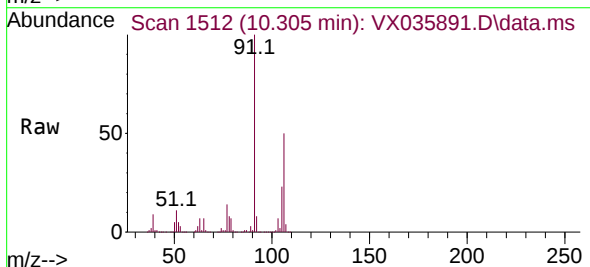
Tgt Ion: 91 Resp: 187919
Ion Ratio Lower Upper
91 100
106 31.8 24.6 37.0

Manual Integrations
APPROVED

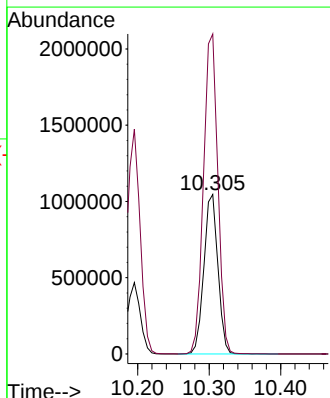
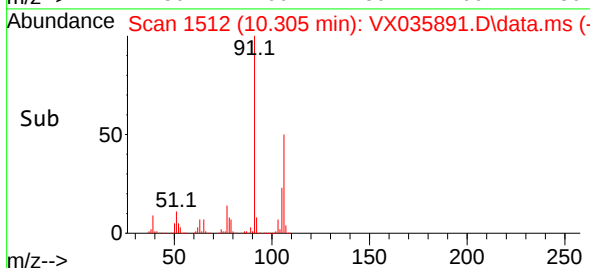
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

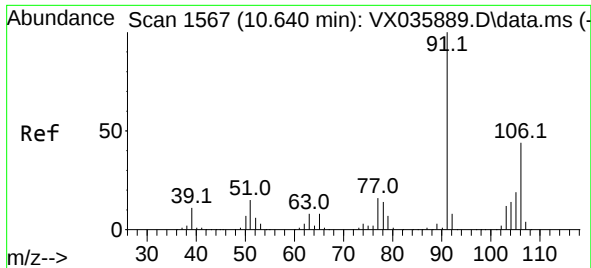


#68
m/p-Xylenes
Concen: 303.641 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14



Tgt Ion:106 Resp: 1425901
Ion Ratio Lower Upper
106 100
91 205.4 169.8 254.8





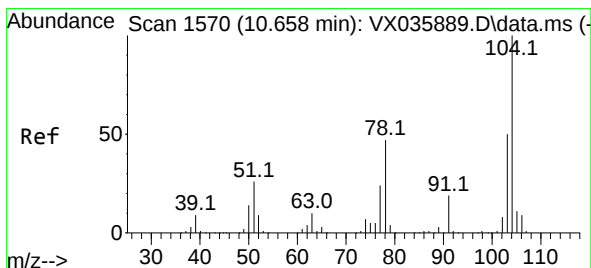
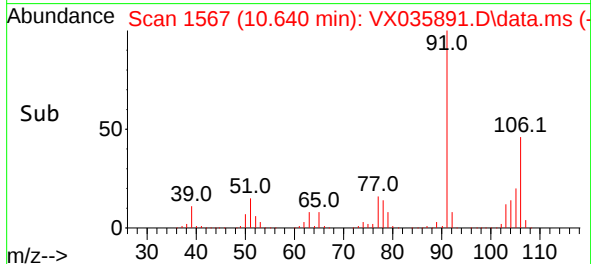
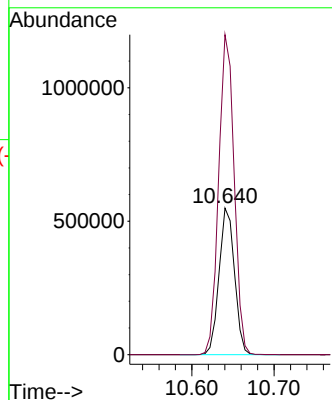
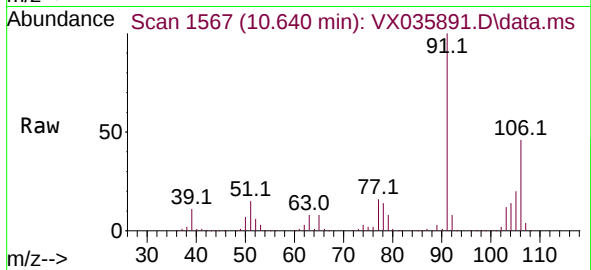
#69
o-Xylene
Concen: 153.906 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 71800
Ion Ratio Lower Upper
106 100
91 218.7 112.5 337.4

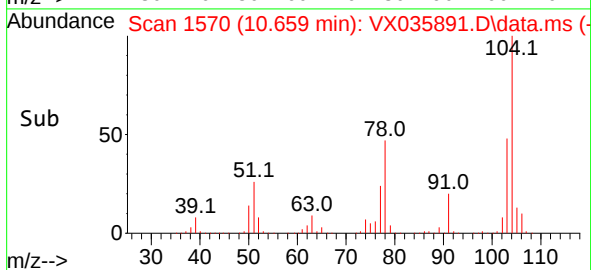
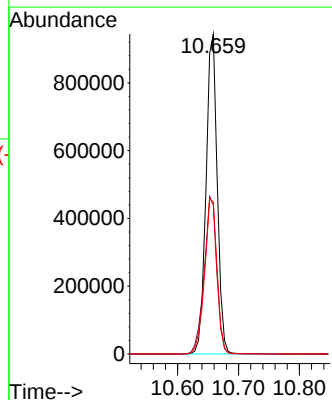
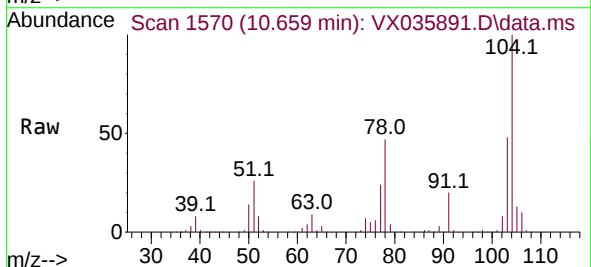
Manual Integrations
APPROVED

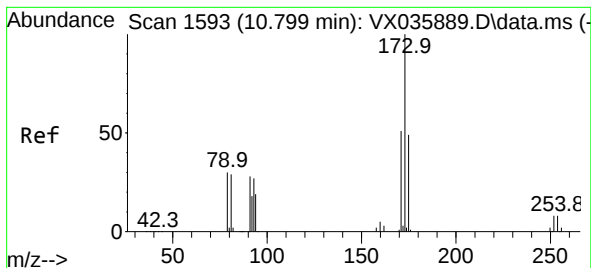
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#70
Styrene
Concen: 157.898 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

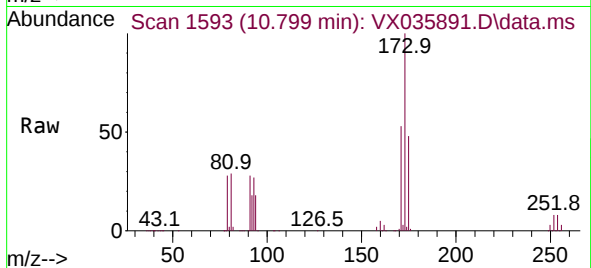
Tgt Ion:104 Resp: 1210102
Ion Ratio Lower Upper
104 100
78 54.9 44.7 67.1
103 54.0 44.0 66.0





#71
Bromoform
Concen: 184.156 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

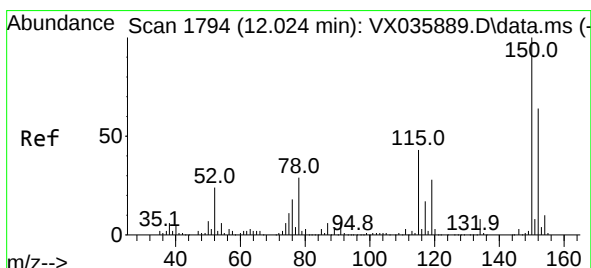
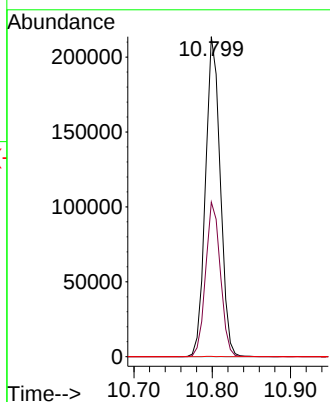
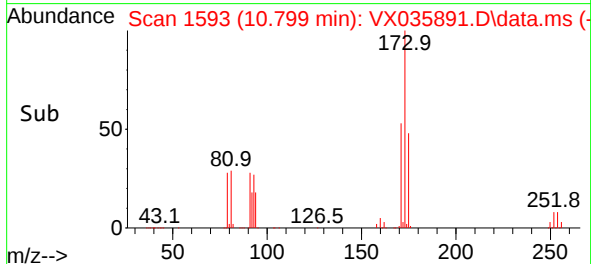
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:173 Resp: 279456
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.1 0.1 0.1

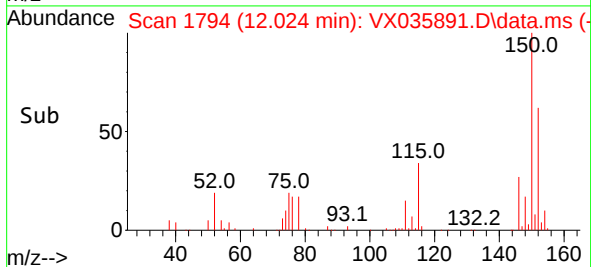
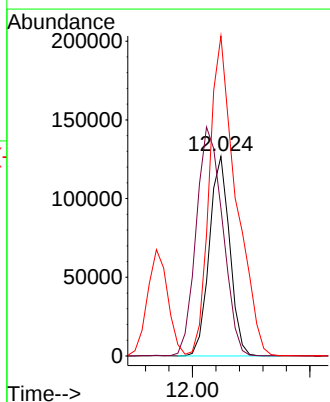
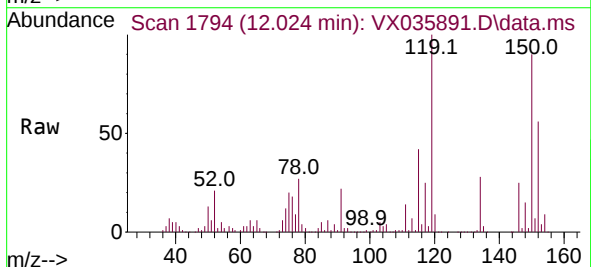
Manual Integrations
APPROVED

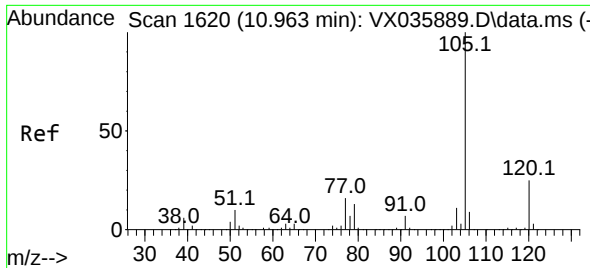
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

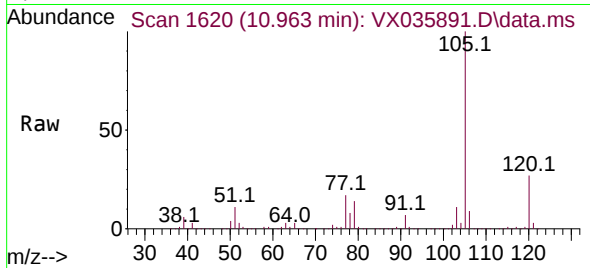
Tgt Ion:152 Resp: 152997
Ion Ratio Lower Upper
152 100
115 148.7 45.5 136.5#
150 209.9 0.0 345.2





#73
Isopropylbenzene
Concen: 149.896 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

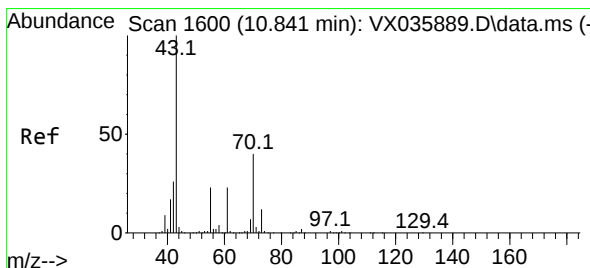
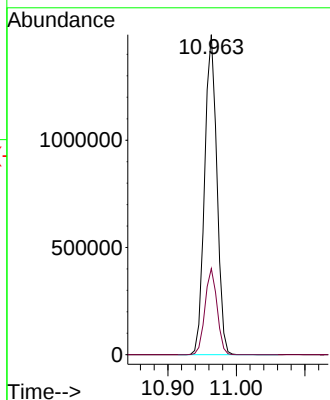
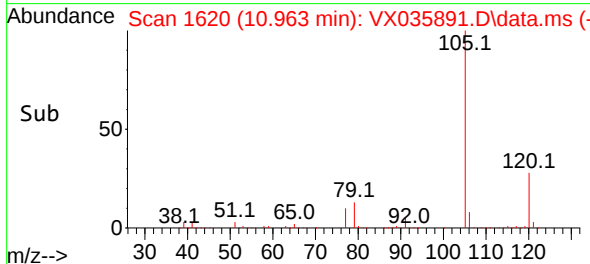
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



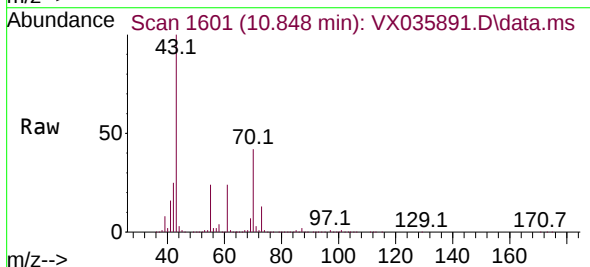
Tgt Ion:105 Resp: 186004
Ion Ratio Lower Upper
105 100
120 26.5 12.7 38.0

Manual Integrations
APPROVED

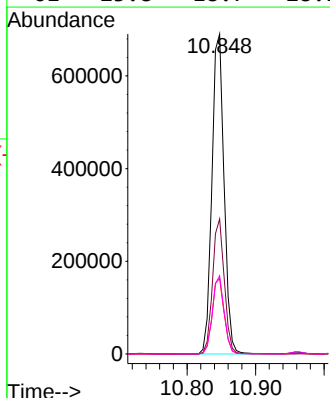
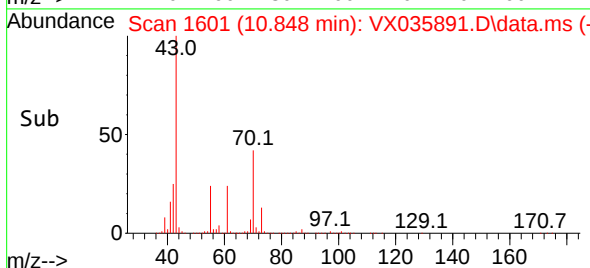
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

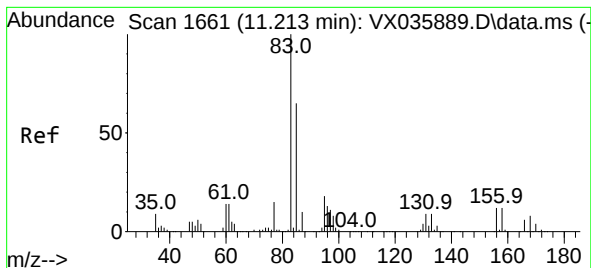


#74
N-ethyl acetate
Concen: 157.093 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14



Tgt Ion: 43 Resp: 847821
Ion Ratio Lower Upper
43 100
70 41.0 32.6 48.8
55 23.4 19.0 28.4
61 23.8 18.7 28.1





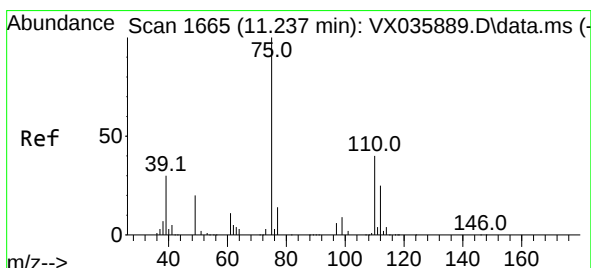
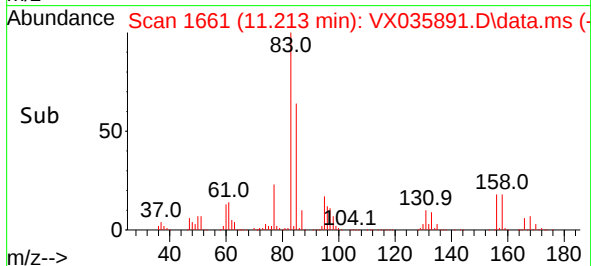
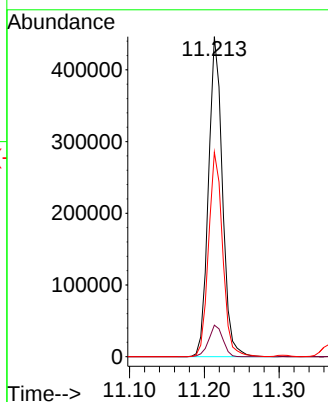
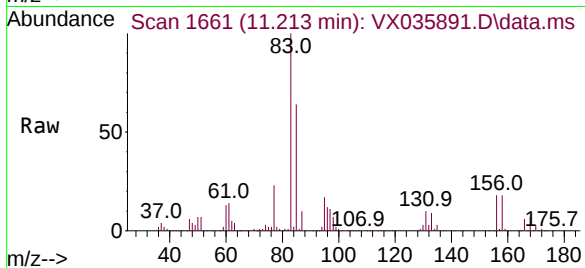
#75
1,1,2,2-Tetrachloroethane
Concen: 142.510 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 57800
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.4 32.4 97.0

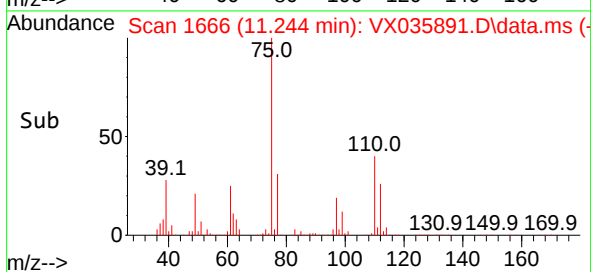
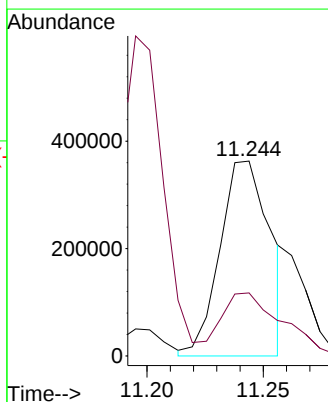
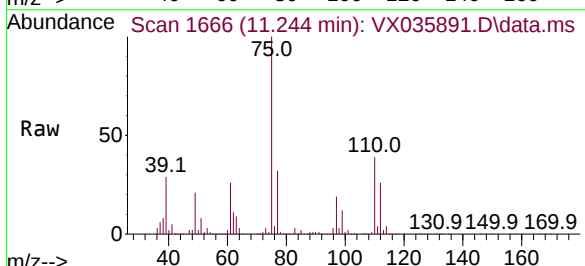
Manual Integrations
APPROVED

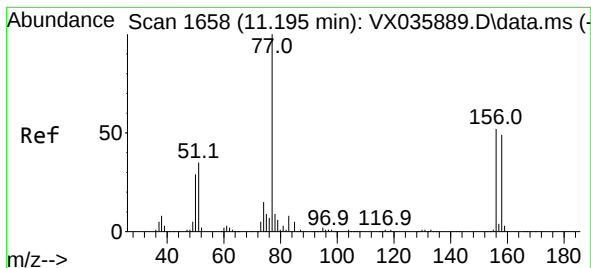
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#76
1,2,3-Trichloropropane
Concen: 142.953 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion: 75 Resp: 545815
Ion Ratio Lower Upper
75 100
77 40.2 21.4 64.2





#77

Bromobenzene

Concen: 152.626 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 427192

Ion Ratio Lower Upper

156 100

77 182.7 90.8 272.3

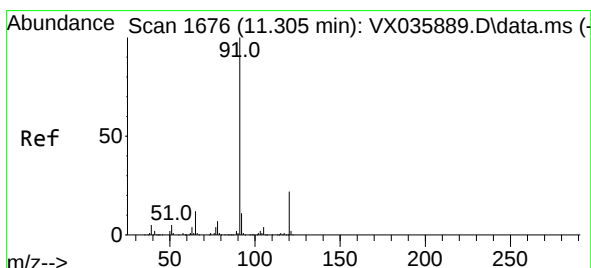
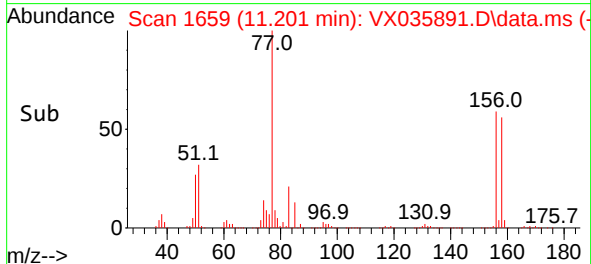
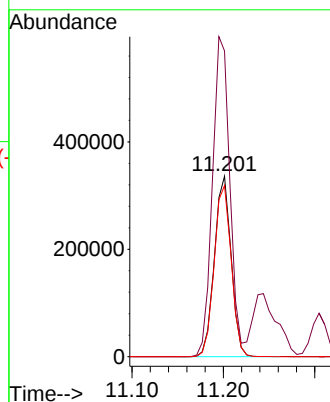
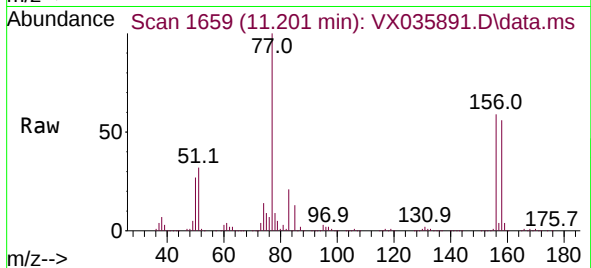
158 96.7 47.4 142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#78

n-propylbenzene

Concen: 152.834 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035891.D

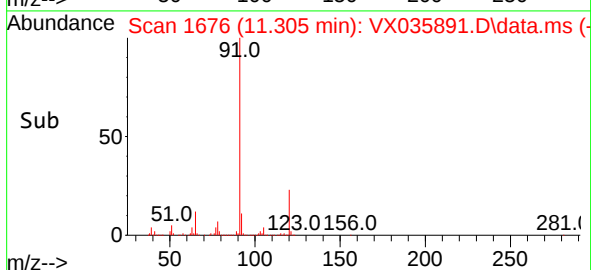
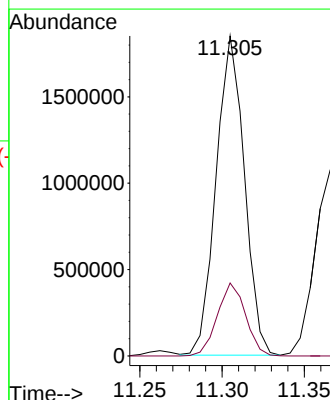
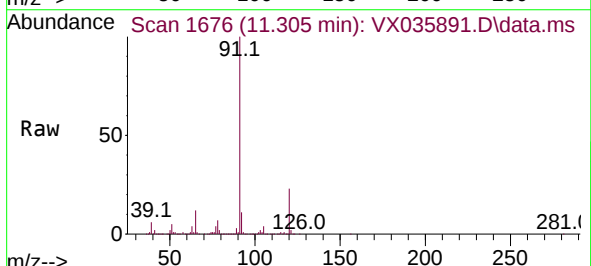
Acq: 26 May 2023 18:14

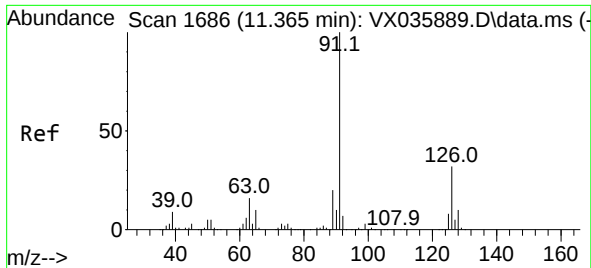
Tgt Ion: 91 Resp: 2210381

Ion Ratio Lower Upper

91 100

120 22.8 10.9 32.9





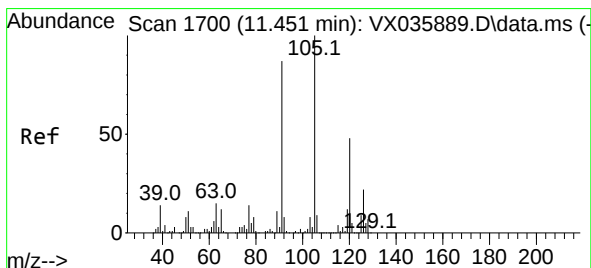
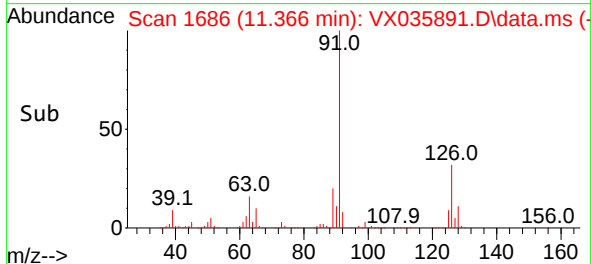
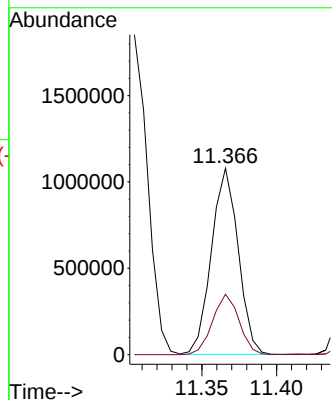
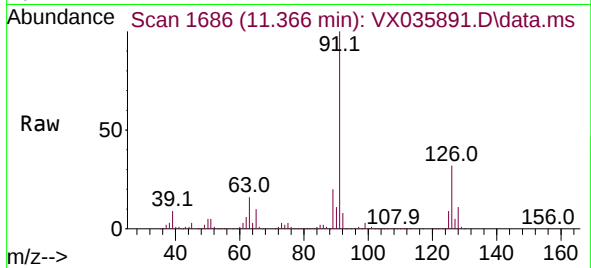
#79
2-Chlorotoluene
Concen: 146.270 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1341090
Ion Ratio Lower Upper
91 100
126 32.2 15.8 47.4

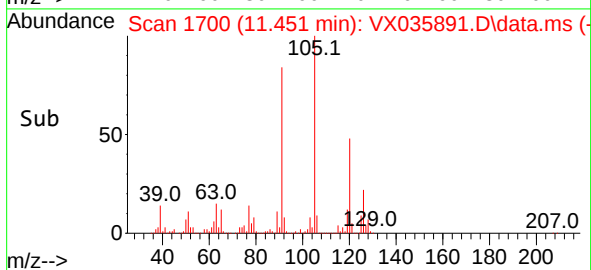
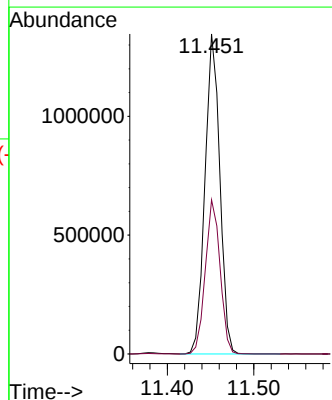
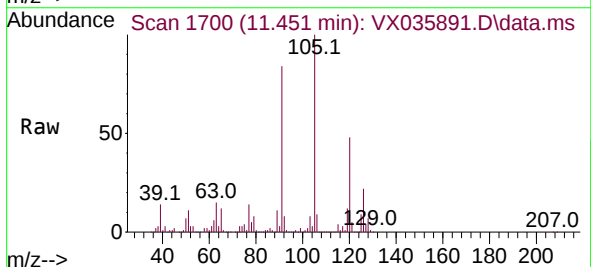
Manual Integrations
APPROVED

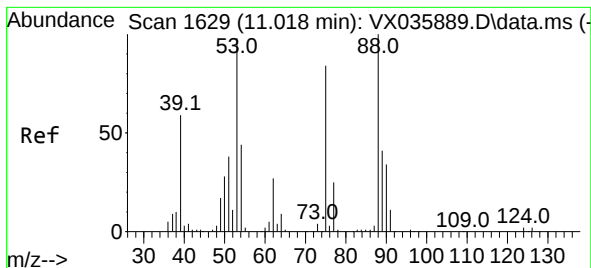
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 151.074 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion:105 Resp: 1597202
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.4





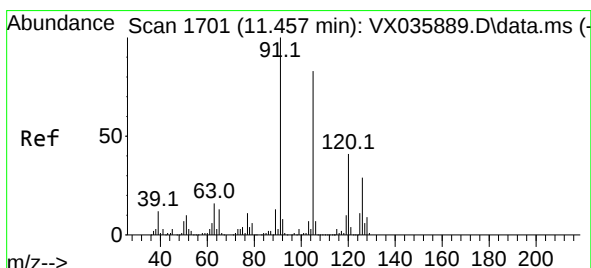
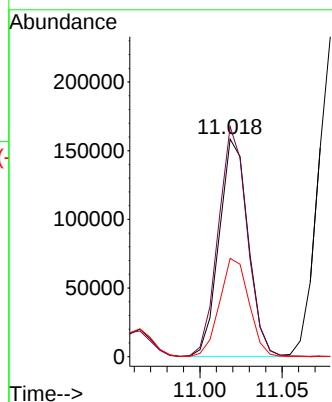
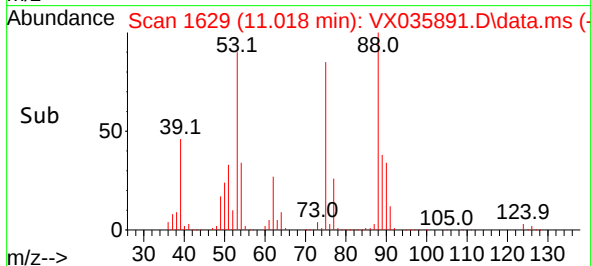
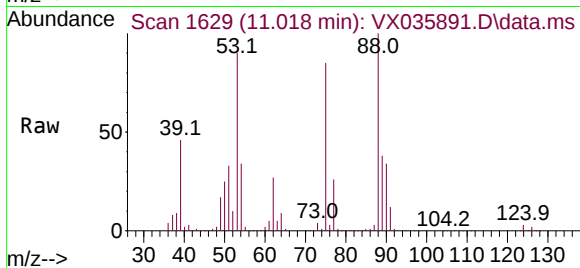
#81
trans-1,4-Dichloro-2-butene
Concen: 152.988 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 194020
Ion Ratio Lower Upper
75 100
53 105.8 95.2 142.8
89 45.9 38.0 57.0

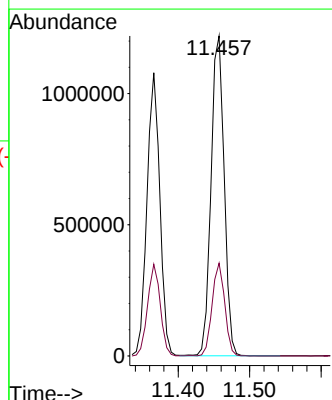
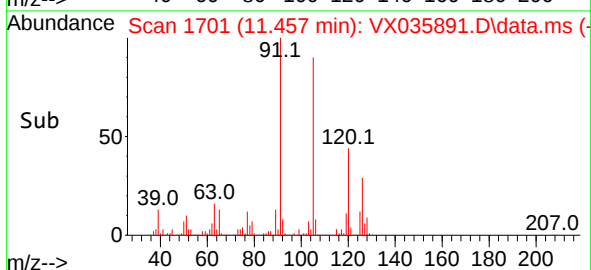
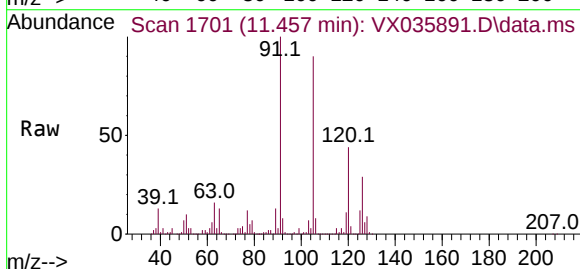
Manual Integrations
APPROVED

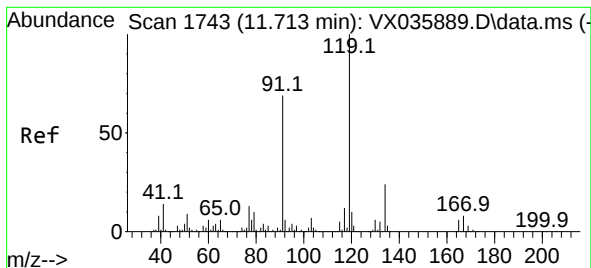
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#82
4-Chlorotoluene
Concen: 149.037 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion: 91 Resp: 1554966
Ion Ratio Lower Upper
91 100
126 28.0 13.7 41.0





#83

tert-Butylbenzene

Concen: 154.922 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035891.D

Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:119 Resp: 157229

Ion Ratio Lower Upper

119 100

91 62.4 32.4 97.0

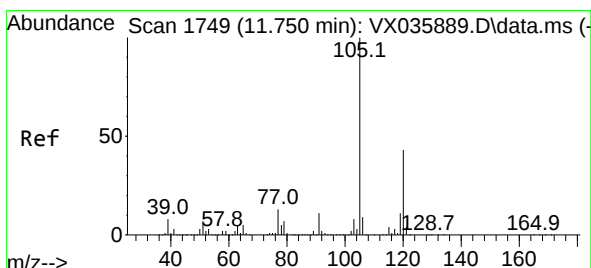
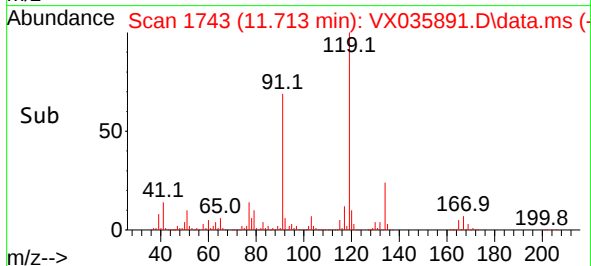
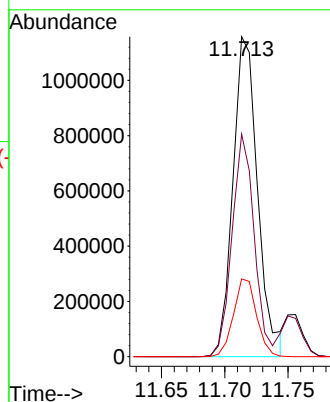
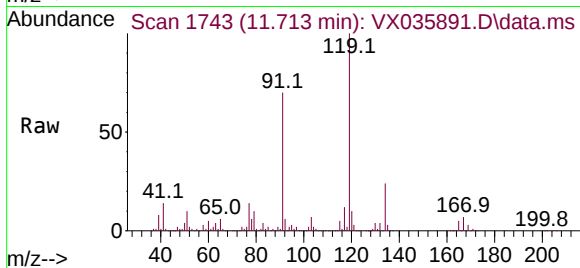
134 22.8 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#84

1,2,4-Trimethylbenzene

Concen: 150.449 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035891.D

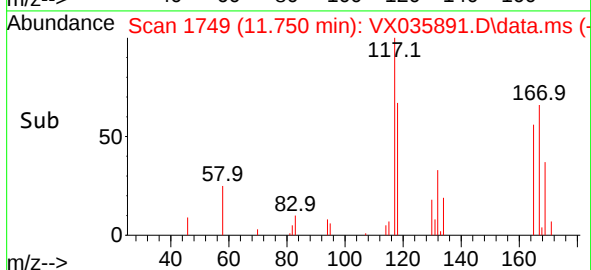
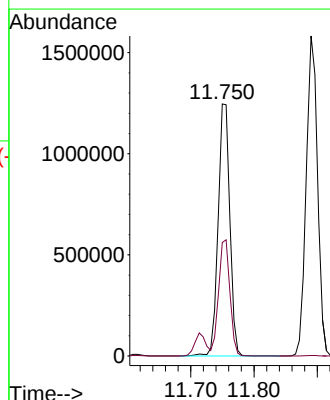
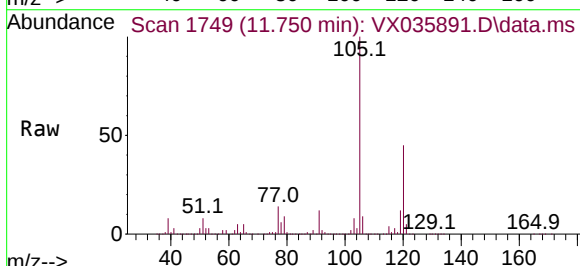
Acq: 26 May 2023 18:14

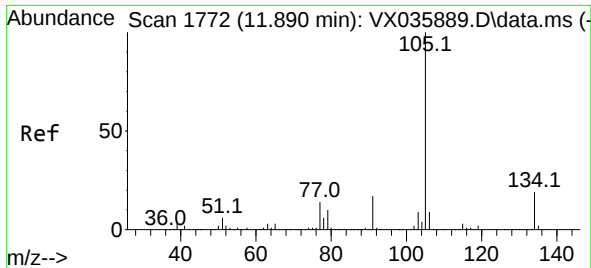
Tgt Ion:105 Resp: 1592882

Ion Ratio Lower Upper

105 100

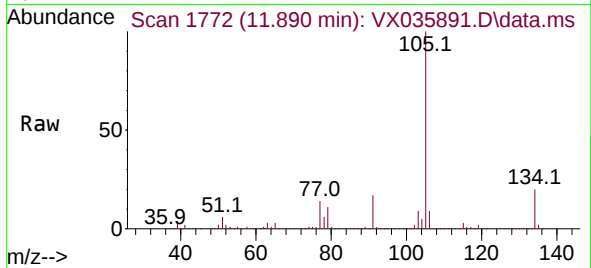
120 44.5 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 154.632 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035891.D
 Acq: 26 May 2023 18:14

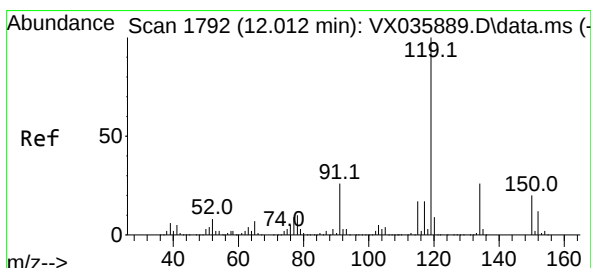
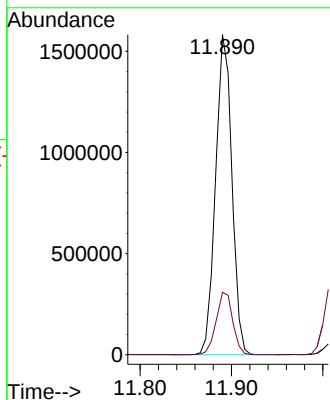
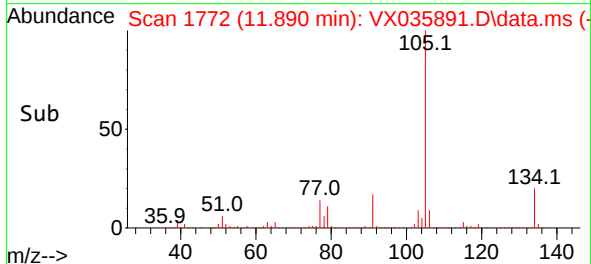
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



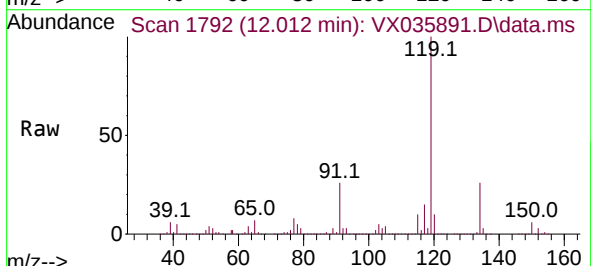
Tgt Ion:105 Resp: 196122
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9

Manual Integrations
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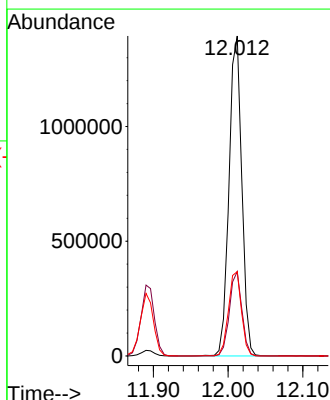
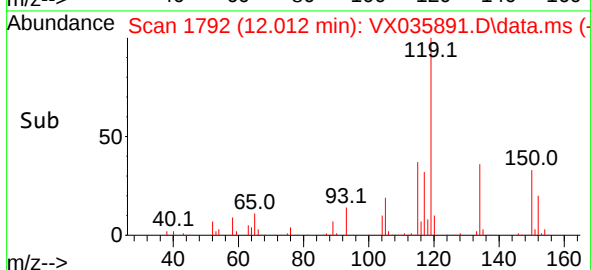
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023

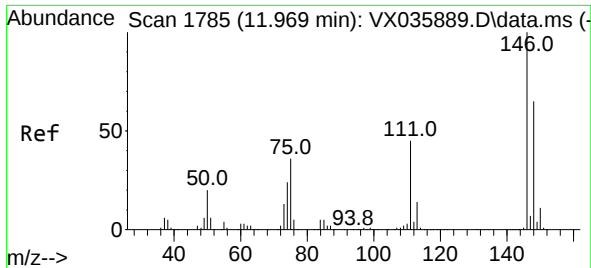


#86
 p-Isopropyltoluene
 Concen: 156.228 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX035891.D
 Acq: 26 May 2023 18:14



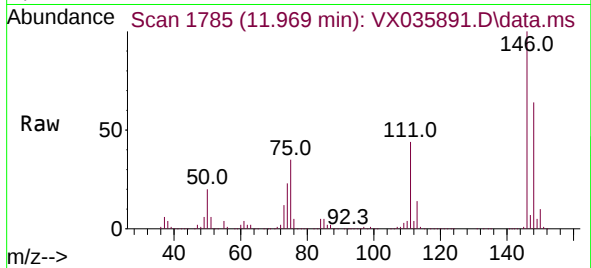
Tgt Ion:119 Resp: 1656839
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 26.7 13.5 40.5





#87
1,3-Dichlorobenzene
Concen: 151.006 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

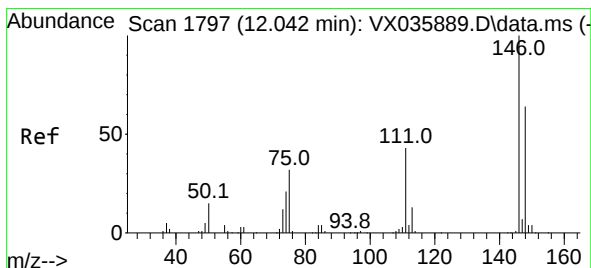
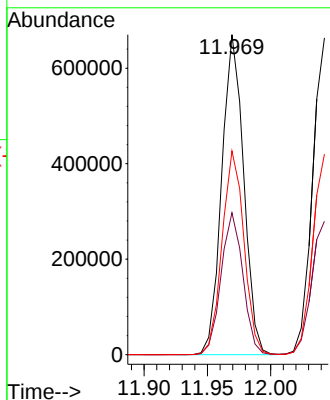
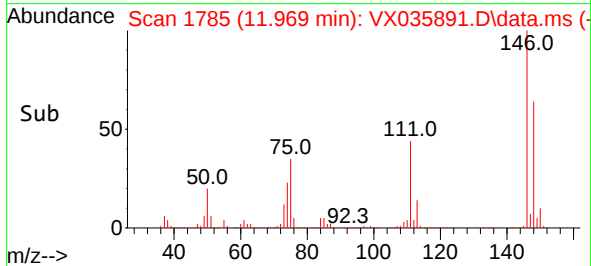
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



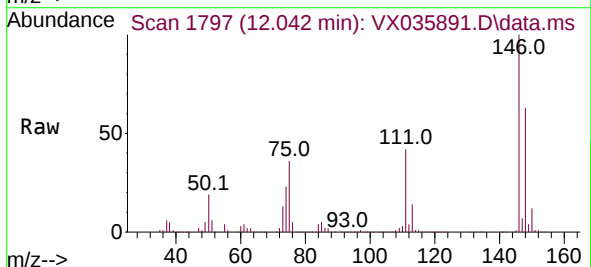
Tgt Ion:146 Resp: 806711
Ion Ratio Lower Upper
146 100
111 44.2 22.6 67.7
148 63.5 31.9 95.7

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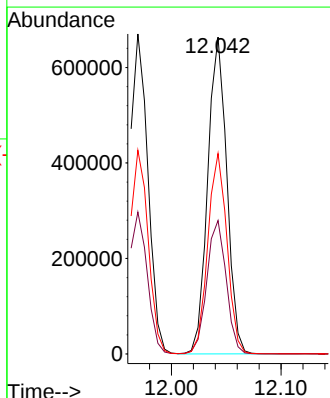
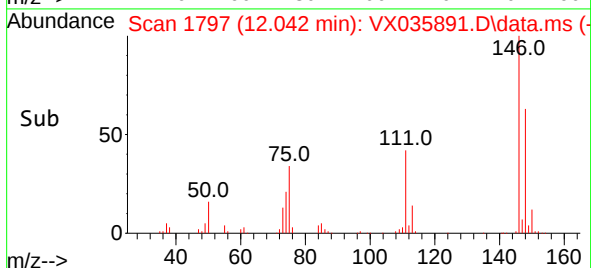
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

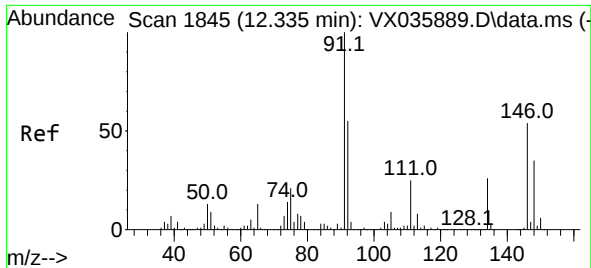


#88
1,4-Dichlorobenzene
Concen: 145.856 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14



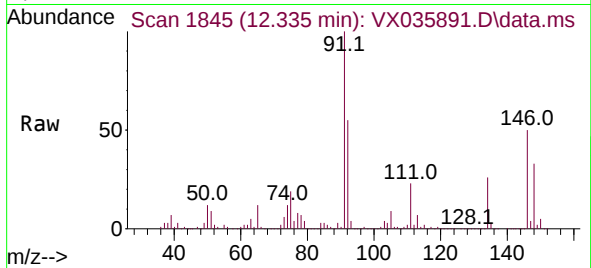
Tgt Ion:146 Resp: 803247
Ion Ratio Lower Upper
146 100
111 42.6 21.8 65.3
148 63.6 31.9 95.7





#89
n-Butylbenzene
Concen: 159.108 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

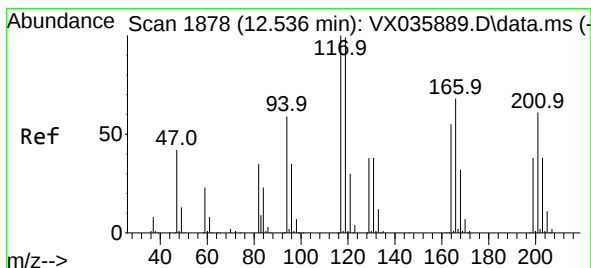
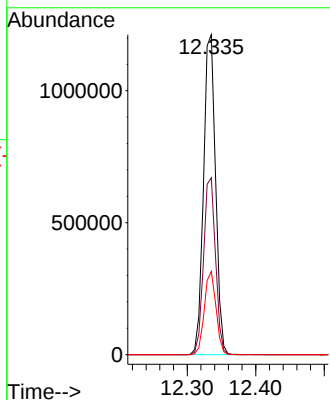
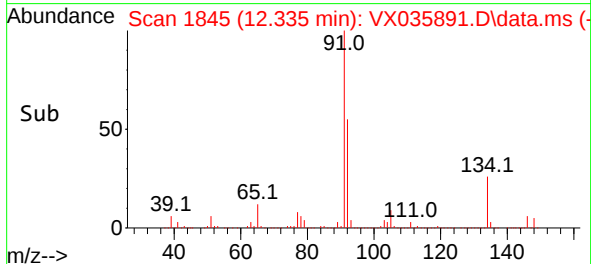
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 148316
Ion Ratio Lower Upper
91 100
92 55.1 27.3 81.8
134 25.3 12.4 37.0

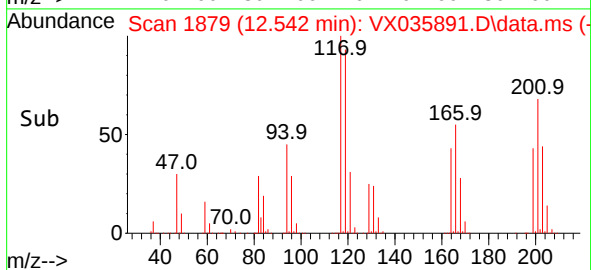
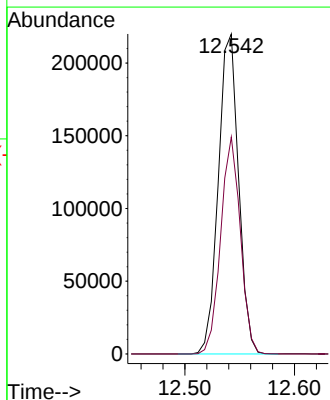
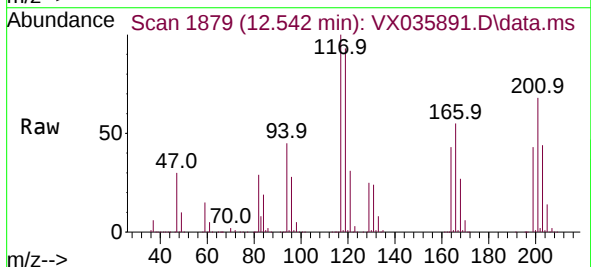
Manual Integrations
APPROVED

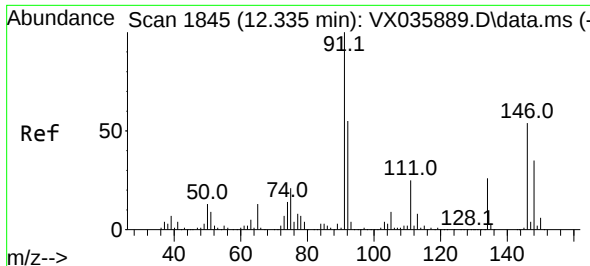
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#90
Hexachloroethane
Concen: 184.322 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

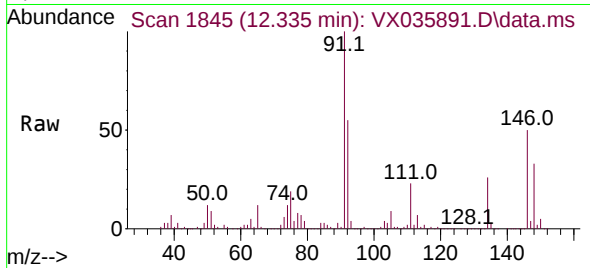
Tgt Ion:117 Resp: 282797
Ion Ratio Lower Upper
117 100
201 65.8 32.7 98.1





#91
1,2-Dichlorobenzene
Concen: 144.363 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

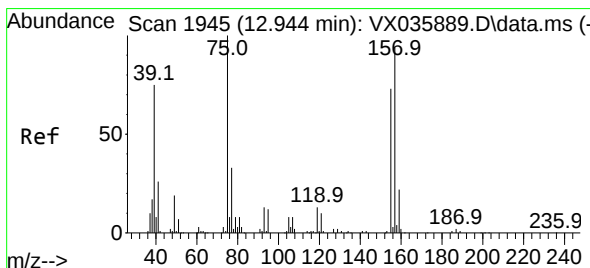
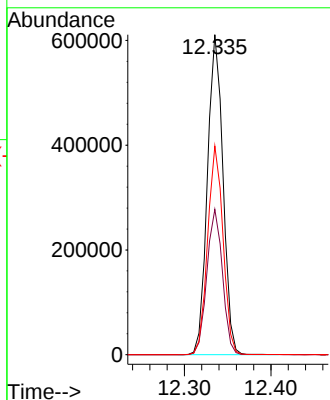
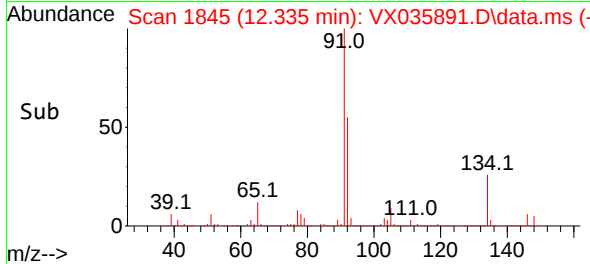
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



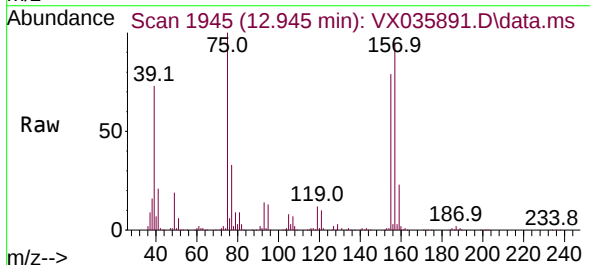
Tgt Ion:146 Resp: 76175
Ion Ratio Lower Upper
146 100
111 45.5 23.3 69.9
148 64.6 31.9 95.7

Manual Integrations
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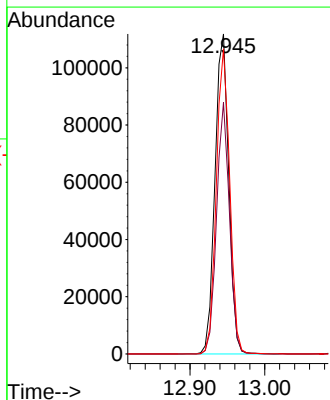
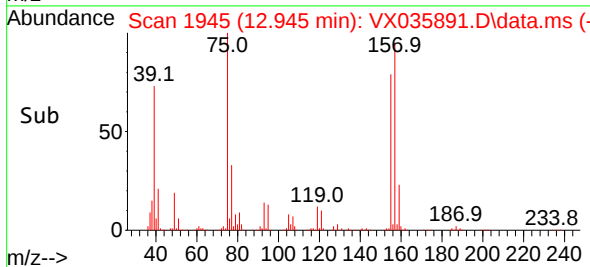
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

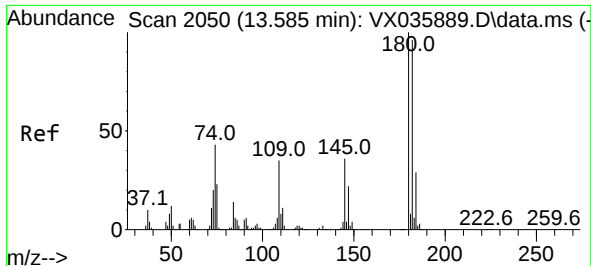


#92
1,2-Dibromo-3-Chloropropane
Concen: 168.789 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14



Tgt Ion: 75 Resp: 143261
Ion Ratio Lower Upper
75 100
155 73.6 35.3 105.7
157 92.7 45.6 136.8





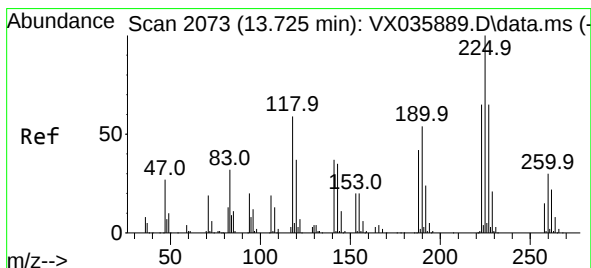
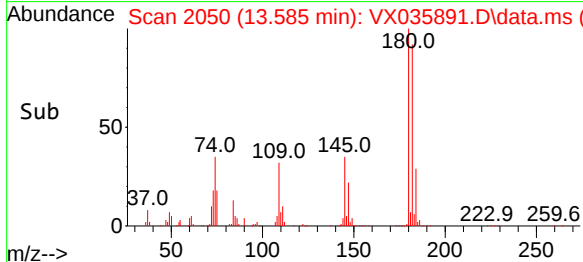
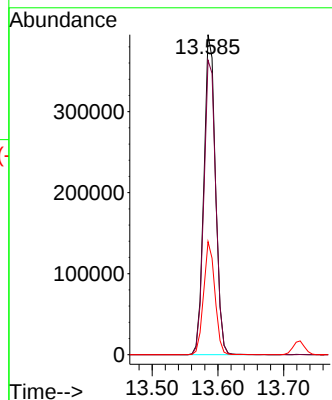
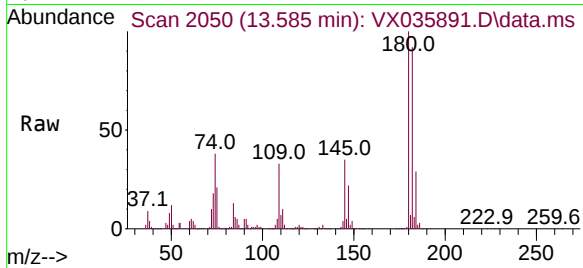
#93
1,2,4-Trichlorobenzene
Concen: 155.855 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:180 Resp: 48354
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 34.5 17.3 51.9

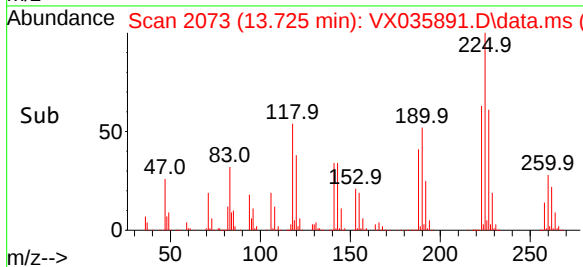
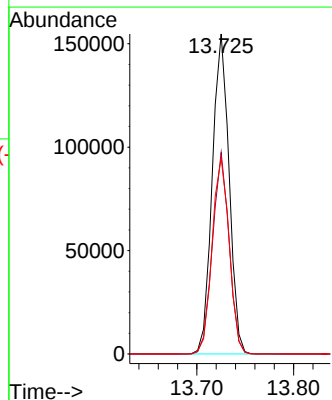
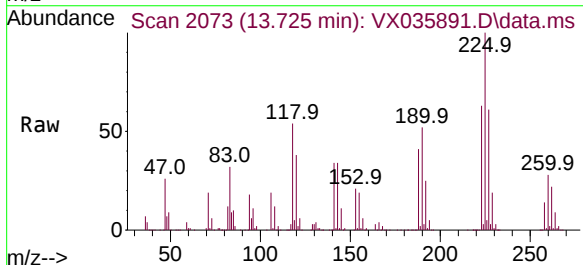
Manual Integrations
APPROVED

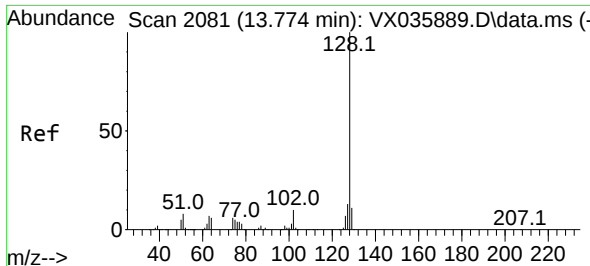
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#94
Hexachlorobutadiene
Concen: 149.776 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion:225 Resp: 186323
Ion Ratio Lower Upper
225 100
223 61.9 32.6 97.7
227 62.4 31.9 95.7





#95
Naphthalene
Concen: 153.921 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

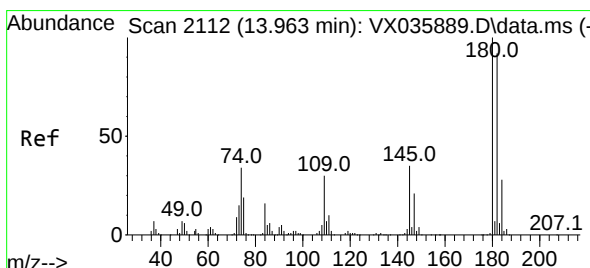
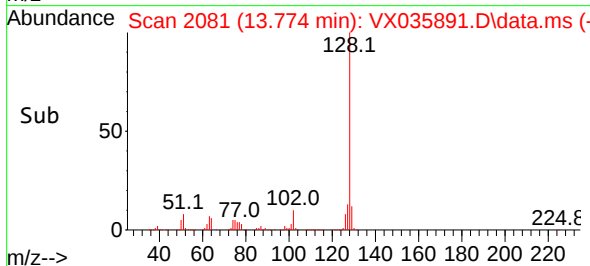
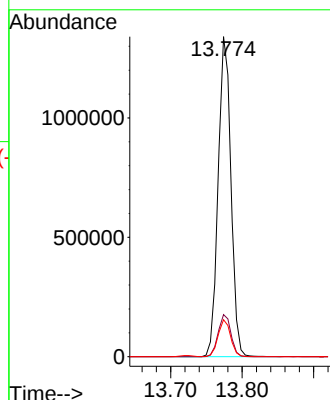
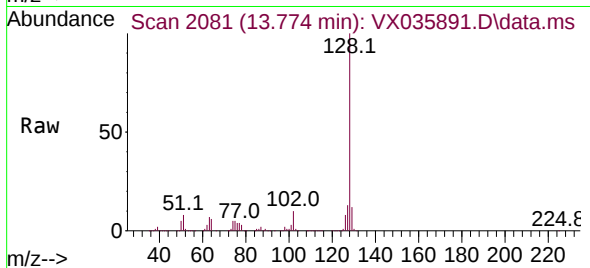
VSTDICC150

Tgt Ion:128 Resp: 165911
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 153.260 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035891.D
Acq: 26 May 2023 18:14

Tgt Ion:180 Resp: 473849
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.7
145 36.5 18.1 54.3

