

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035944.D
 Acq On : 31 May 2023 18:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

Quant Time: Jun 01 05:17:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	199842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149396	46.037	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.080%		
35) Dibromofluoromethane	5.385	113	111562	44.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.840%		
50) Toluene-d8	8.647	98	400776	44.959	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.920%#		
62) 4-Bromofluorobenzene	11.079	95	161052	45.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	104419	47.823	ug/l	96
3) Chloromethane	1.295	50	116749	46.781	ug/l	98
4) Vinyl Chloride	1.374	62	108492	46.279	ug/l	99
5) Bromomethane	1.612	94	68328	44.254	ug/l	100
6) Chloroethane	1.691	64	66044	47.845	ug/l	98
7) Trichlorofluoromethane	1.886	101	154434	46.816	ug/l	98
8) Diethyl Ether	2.130	74	66319	46.292	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	93987	45.907	ug/l	100
10) Methyl Iodide	2.453	142	107268	44.509	ug/l	99
11) Tert butyl alcohol	3.020	59	147133	255.301	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	92360	46.068	ug/l	98
13) Acrolein	2.239	56	138008	248.604	ug/l	99
14) Allyl chloride	2.666	41	196952	47.788	ug/l	100
15) Acrylonitrile	3.069	53	349037	257.771	ug/l	100
16) Acetone	2.398	43	327598	244.694	ug/l	100
17) Carbon Disulfide	2.514	76	221206	44.032	ug/l	99
18) Methyl Acetate	2.709	43	271071	52.081	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	391634	49.867	ug/l	99
20) Methylene Chloride	2.788	84	116711	45.256	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	103249	45.051	ug/l	100
22) Diisopropyl ether	3.758	45	401096	50.035	ug/l	98
23) Vinyl Acetate	3.721	43	1484940	263.656	ug/l	99
24) 1,1-Dichloroethane	3.611	63	214877	48.328	ug/l	99
25) 2-Butanone	4.568	43	510531	266.428	ug/l	99
26) 2,2-Dichloropropane	4.477	77	160471	47.350	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	127152	46.226	ug/l	99
28) Bromochloromethane	4.898	49	113071	48.564	ug/l	92
29) Tetrahydrofuran	5.013	42	327327	265.080	ug/l	99
30) Chloroform	5.093	83	220324	48.110	ug/l	97
31) Cyclohexane	5.471	56	162571	47.847	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	185193	47.854	ug/l	99
36) 1,1-Dichloropropene	5.696	75	149416	45.116	ug/l	98
37) Ethyl Acetate	4.715	43	187686	50.887	ug/l	99
38) Carbon Tetrachloride	5.678	117	148379	45.975	ug/l	97
39) Methylcyclohexane	7.379	83	157885	45.692	ug/l	98
40) Benzene	6.038	78	460987	46.379	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105574	50.458	ug/l	96
42) 1,2-Dichloroethane	6.086	62	186990	47.506	ug/l	98
43) Isopropyl Acetate	6.342	43	296834	48.945	ug/l	98
44) Trichloroethene	7.123	130	116842	45.315	ug/l	99
45) 1,2-Dichloropropane	7.428	63	124626	47.638	ug/l	99
46) Dibromomethane	7.580	93	87023	47.886	ug/l	98
47) Bromodichloromethane	7.824	83	167334	48.950	ug/l	98
48) Methyl methacrylate	7.696	41	150741	50.685	ug/l	95
49) 1,4-Dioxane	7.720	88	67283	987.802	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	961428	259.715	ug/l	98
52) Toluene	8.720	92	290579	46.500	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	177896	49.229	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	191740	48.050	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	123007	47.246	ug/l	98
56) Ethyl methacrylate	9.116	69	194404	49.944	ug/l	95
57) 1,3-Dichloropropane	9.311	76	212849	47.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	498905	244.614	ug/l	98
59) 2-Hexanone	9.433	43	734609	268.417	ug/l	98
60) Dibromochloromethane	9.525	129	122586	48.502	ug/l	99
61) 1,2-Dibromoethane	9.610	107	130629	49.079	ug/l	100
64) Tetrachloroethene	9.275	164	93075	44.601	ug/l	97
65) Chlorobenzene	10.080	112	313619	46.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	116012	49.226	ug/l	99
67) Ethyl Benzene	10.195	91	556983	46.705	ug/l	99
68) m/p-Xylenes	10.299	106	425006	93.939	ug/l	96
69) o-Xylene	10.640	106	211804	46.587	ug/l	97
70) Styrene	10.653	104	358170	48.757	ug/l	98
71) Bromoform	10.799	173	84734	51.915	ug/l #	98
73) Isopropylbenzene	10.964	105	529702	45.534	ug/l	98
74) N-amyl acetate	10.842	43	258015	50.885	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	193625	48.657	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	164209m	45.480	ug/l	
77) Bromobenzene	11.201	156	129987	45.185	ug/l	96
78) n-propylbenzene	11.305	91	614661	46.814	ug/l	98
79) 2-Chlorotoluene	11.366	91	389869	45.594	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	458378	46.735	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	53841	50.228	ug/l	95
82) 4-Chlorotoluene	11.451	91	452254	46.081	ug/l	98
83) tert-Butylbenzene	11.713	119	436717	46.607	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	466169	46.313	ug/l	98
85) sec-Butylbenzene	11.890	105	524789	47.218	ug/l	99
86) p-Isopropyltoluene	12.006	119	449790	47.335	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	246630	46.801	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	248516	44.767	ug/l	99
89) n-Butylbenzene	12.329	91	380073	47.345	ug/l	99
90) Hexachloroethane	12.536	117	71547	47.482	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	249182	47.501	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44005	53.584	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	142131	46.558	ug/l	99
94) Hexachlorobutadiene	13.725	225	51824	44.626	ug/l	97
95) Naphthalene	13.774	128	527126	49.610	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	139877	46.450	ug/l	99

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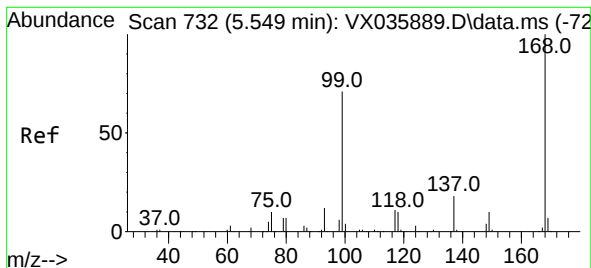
Manual Integrations
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX035944.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 19984

Ion Ratio Lower Upper

168 100

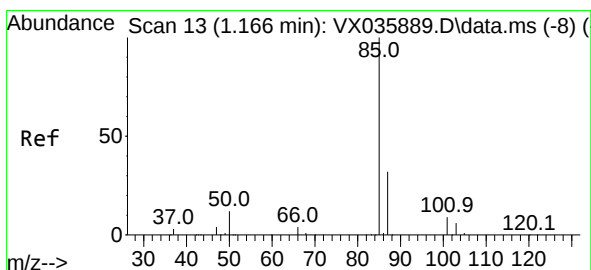
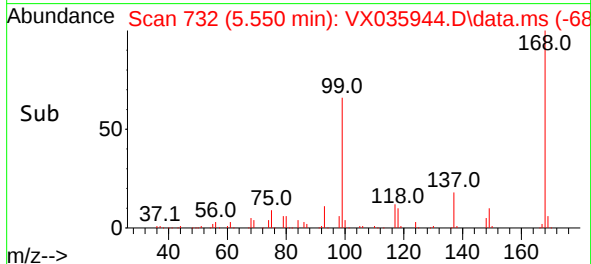
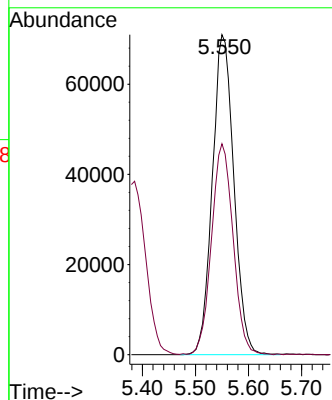
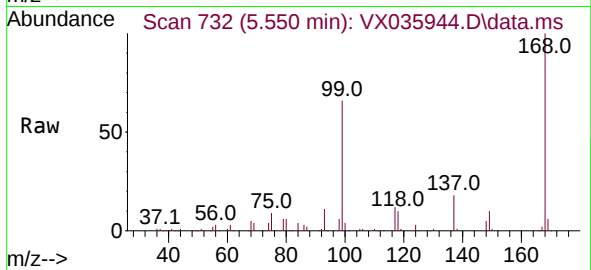
99 65.8 57.0 85.6

Manual Integrations

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Supervised By :Mahesh Dadoda 06/01/2023



#2

Dichlorodifluoromethane

Concen: 47.823 ug/l

RT: 1.167 min Scan# 13

Delta R.T. 0.001 min

Lab File: VX035944.D

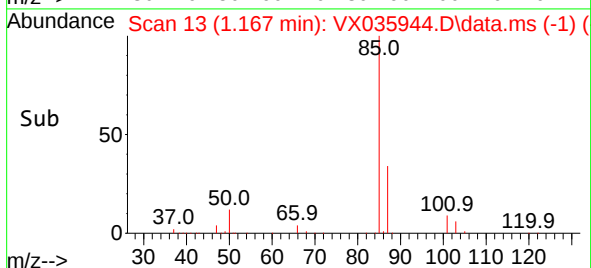
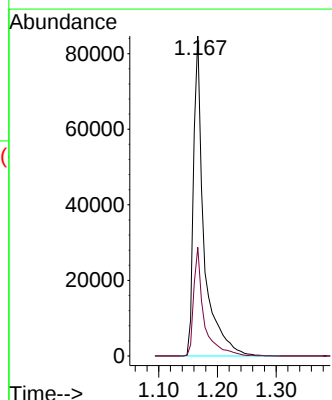
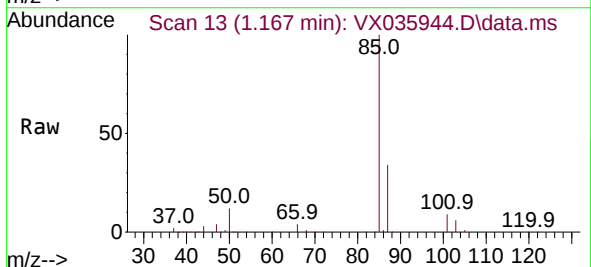
Acq: 31 May 2023 18:19

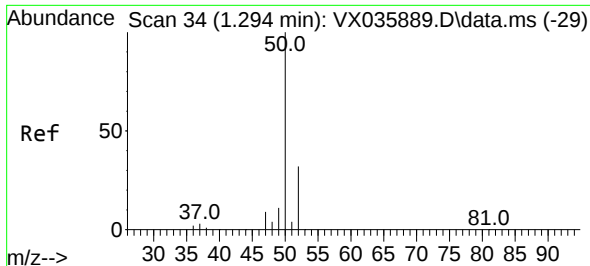
Tgt Ion: 85 Resp: 104419

Ion Ratio Lower Upper

85 100

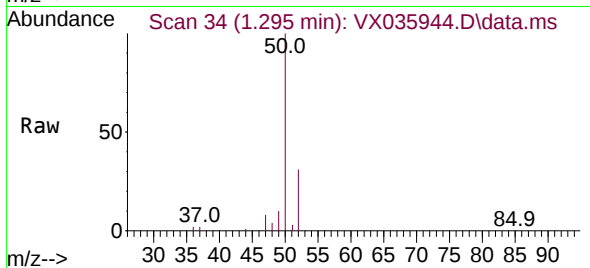
87 33.9 15.8 47.4





#3
Chloromethane
Concen: 46.781 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035944.D
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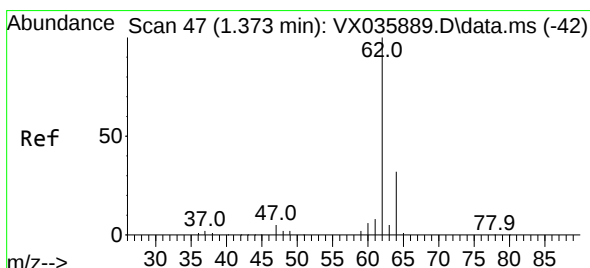
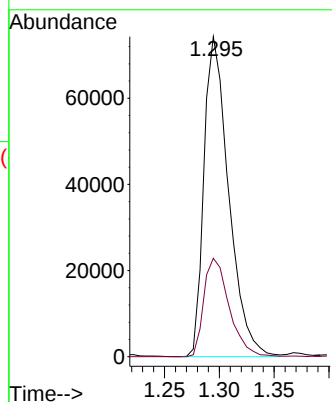
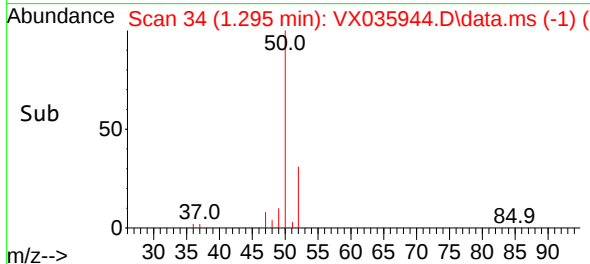
Instrument :
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Tgt Ion: 50 Resp: 116749
Ion Ratio Lower Upper
50 100
52 30.7 25.4 38.2

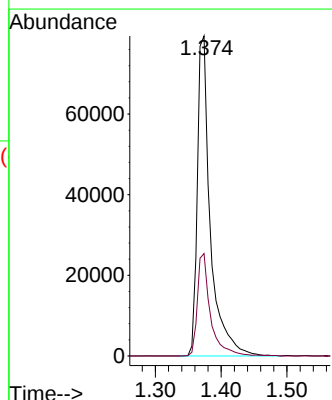
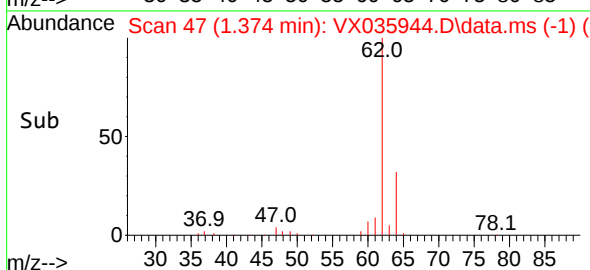
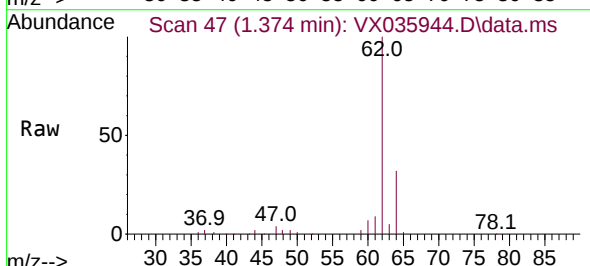
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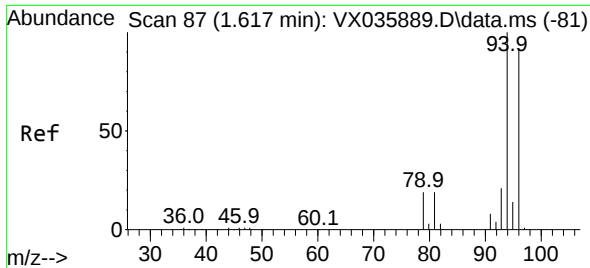
Reviewed By :John Carlone 06/01/2023
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#4
Vinyl Chloride
Concen: 46.279 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 62 Resp: 108492
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





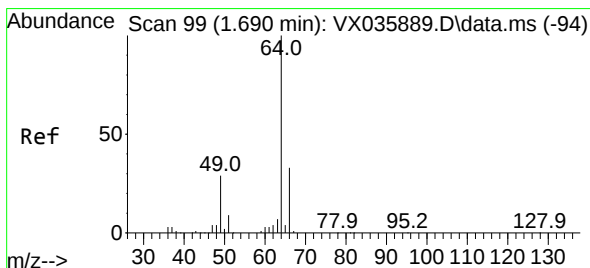
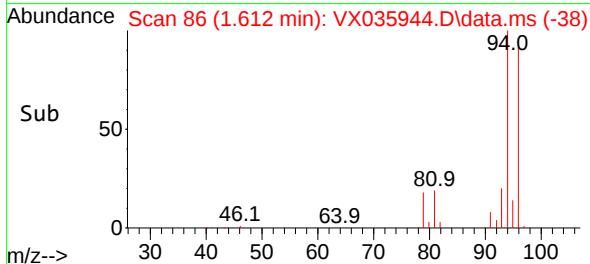
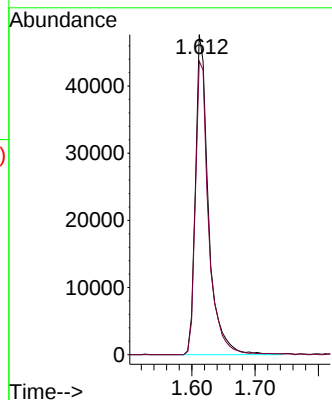
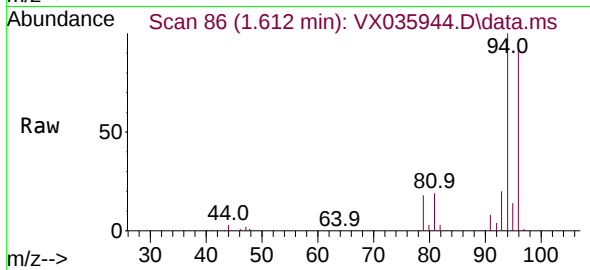
#5
Bromomethane
Concen: 44.254 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.005 min
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Tgt Ion: 94 Resp: 68328
Ion Ratio Lower Upper
94 100
96 91.8 73.5 110.3

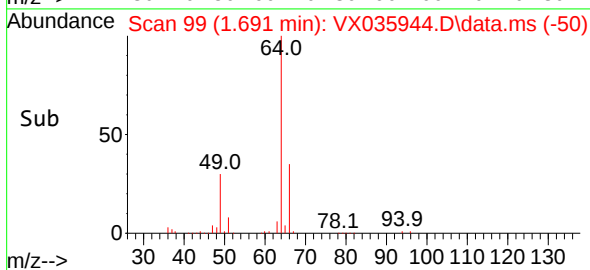
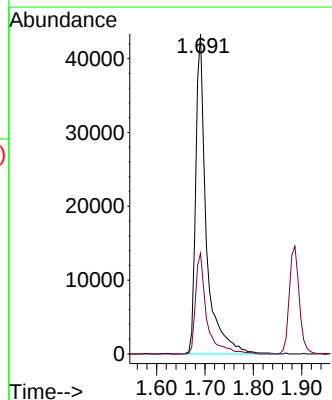
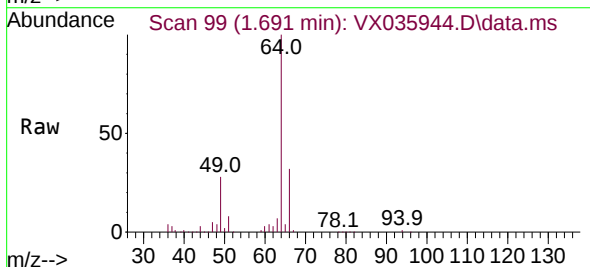
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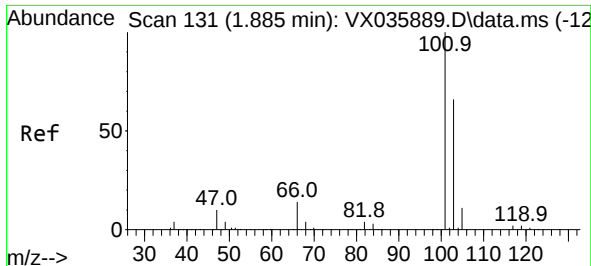
Reviewed By :John Carlone 06/01/2023
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#6
Chloroethane
Concen: 47.845 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035944.D
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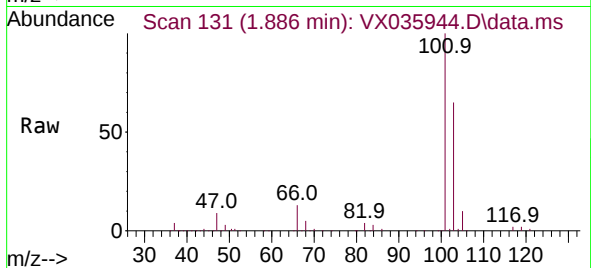
Tgt Ion: 64 Resp: 66044
Ion Ratio Lower Upper
64 100
66 31.5 26.0 39.0





#7
Trichlorofluoromethane
Concen: 46.816 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035944.D
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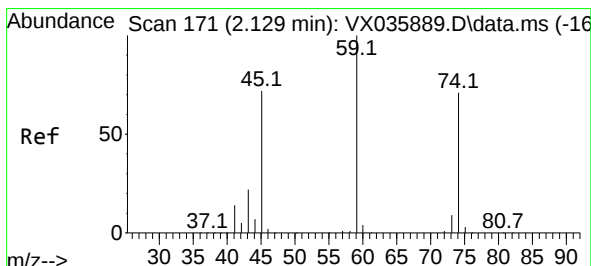
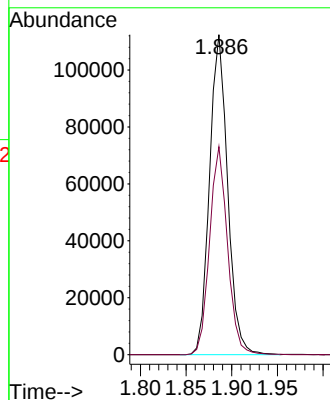
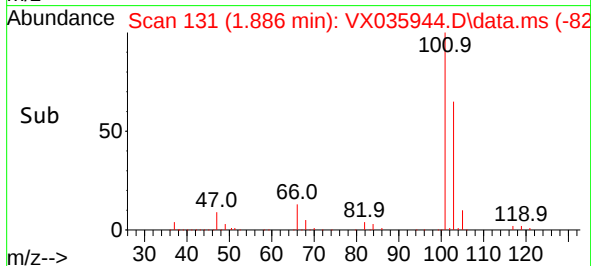
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Tgt Ion:101 Resp: 154434
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8

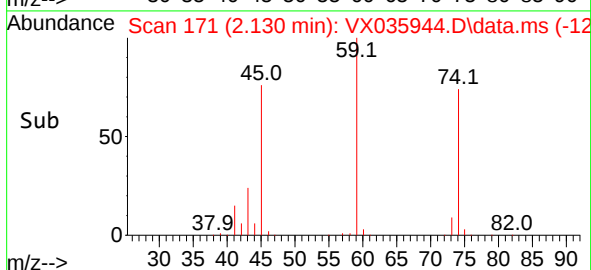
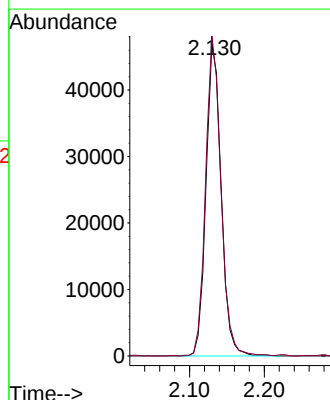
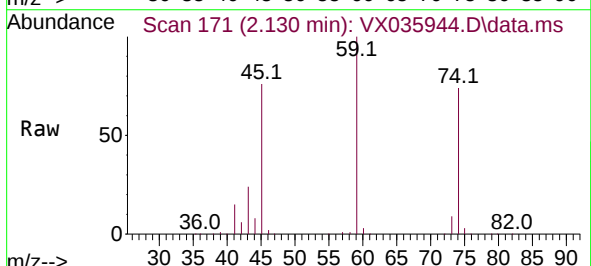
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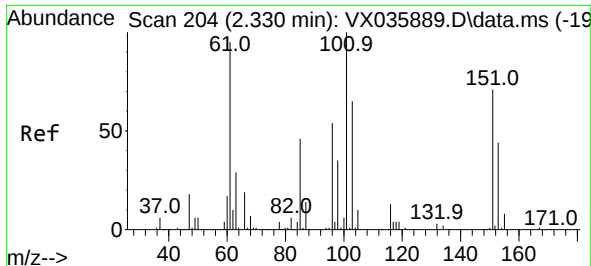
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#8
Diethyl Ether
Concen: 46.292 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
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Acq: 31 May 2023 18:19

Tgt Ion: 74 Resp: 66319
Ion Ratio Lower Upper
74 100
45 103.6 50.6 151.9





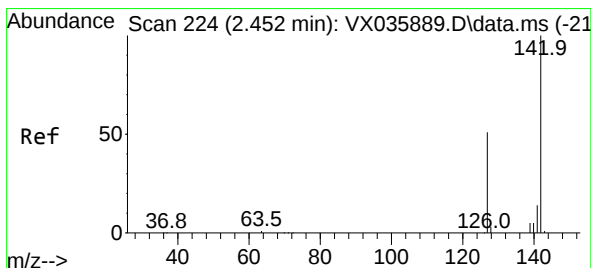
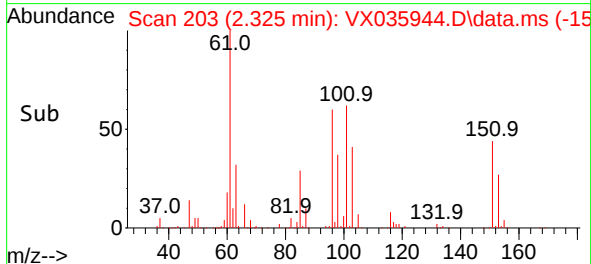
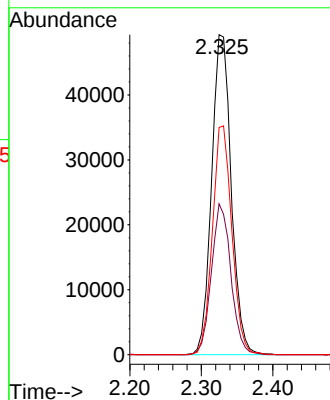
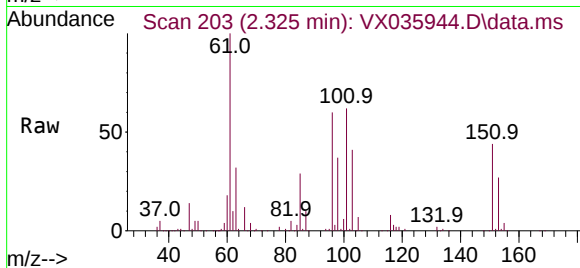
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.907 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.005 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9398
Ion Ratio Lower Upper
101 100
85 46.7 37.3 55.9
151 71.0 57.0 85.6

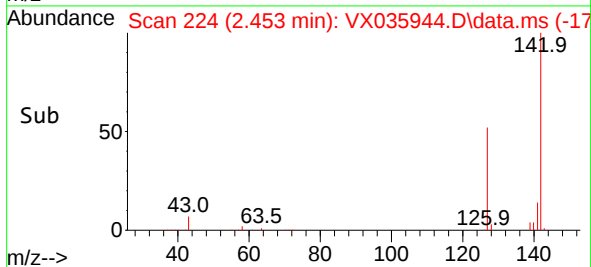
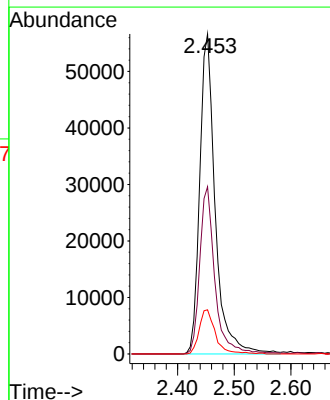
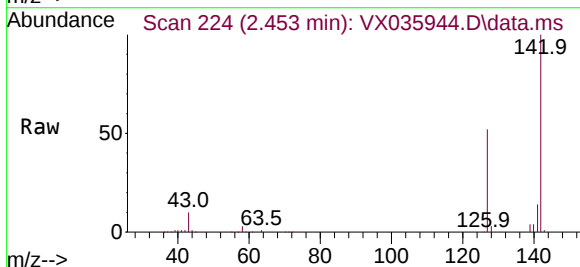
Manual Integrations
APPROVED

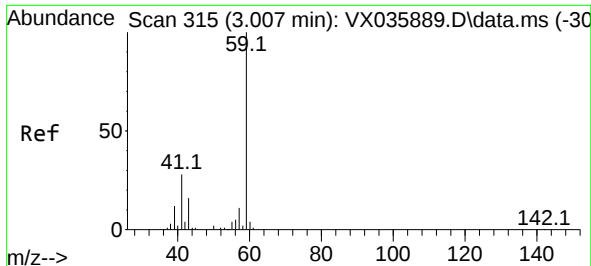
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#10
Methyl Iodide
Concen: 44.509 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion:142 Resp: 107268
Ion Ratio Lower Upper
142 100
127 51.2 40.3 60.5
141 14.5 11.4 17.0





#11

Tert butyl alcohol

Concen: 255.301 ug/l

RT: 3.020 min Scan# 315

Delta R.T. 0.013 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 14713

Ion Ratio Lower Upper

59 100

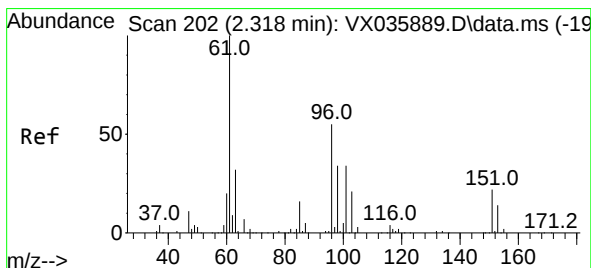
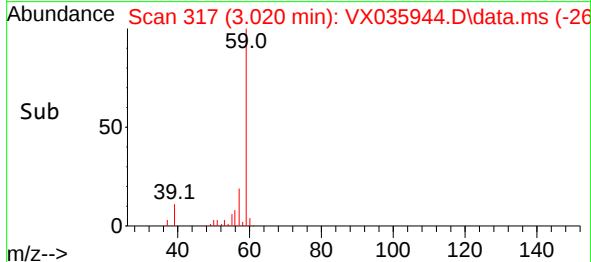
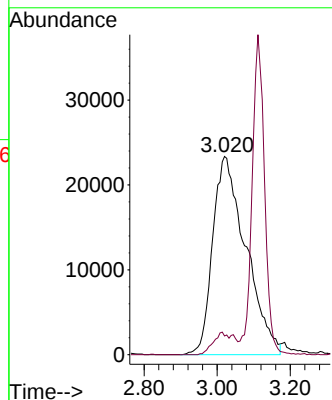
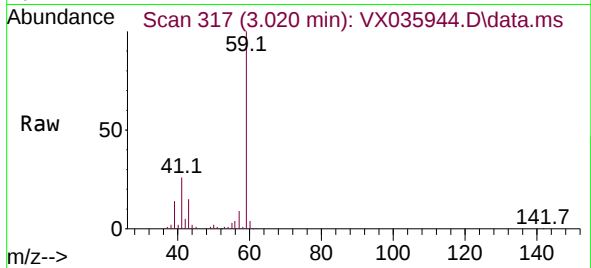
57 5.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#12

1,1-Dichloroethene

Concen: 46.068 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

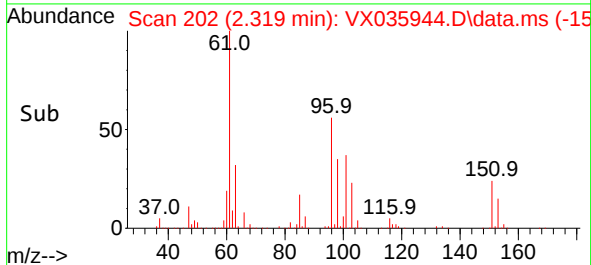
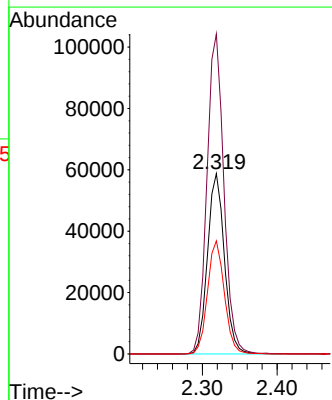
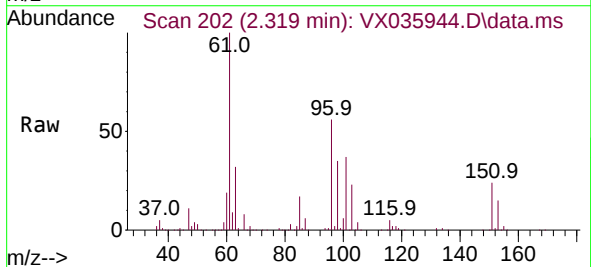
Tgt Ion: 96 Resp: 92360

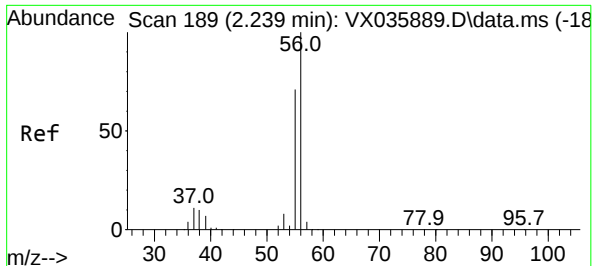
Ion Ratio Lower Upper

96 100

61 177.5 145.2 217.8

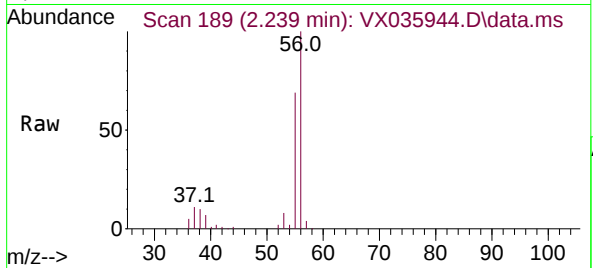
98 62.7 49.3 73.9





#13
Acrolein
Concen: 248.604 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

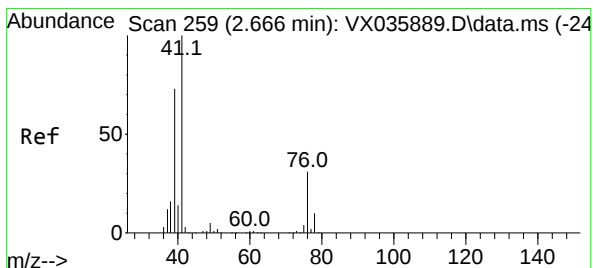
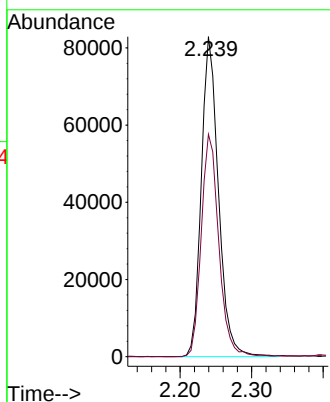
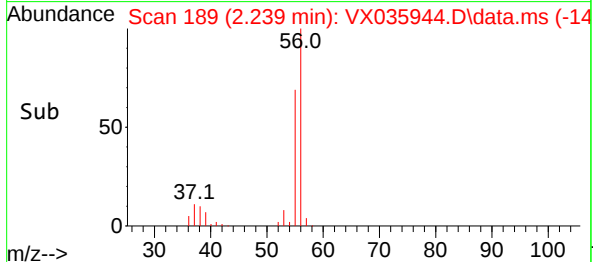
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 138008
Ion Ratio Lower Upper
56 100
55 71.2 57.3 85.9

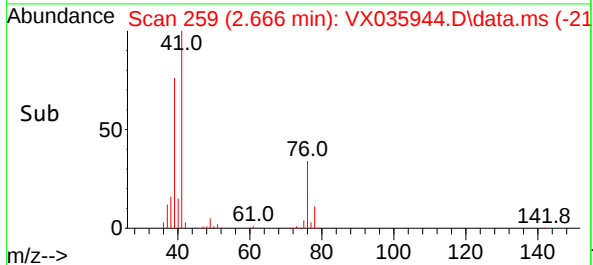
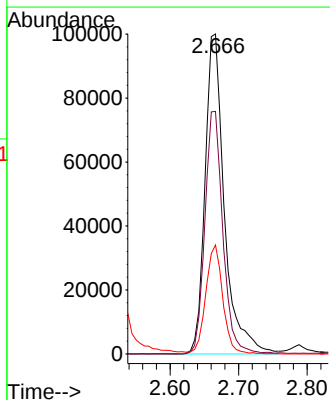
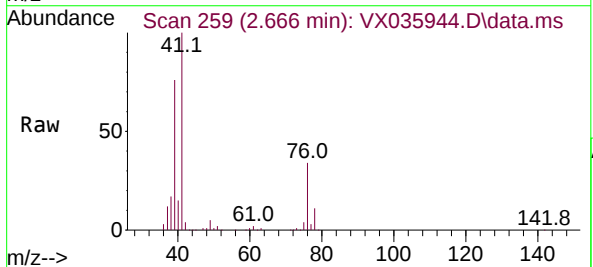
Manual Integrations
APPROVED

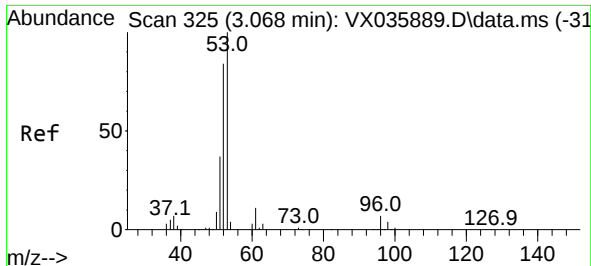
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#14
Allyl chloride
Concen: 47.788 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

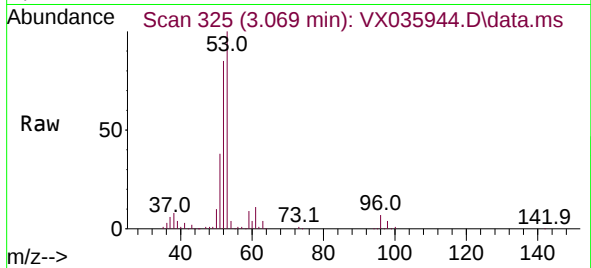
Tgt Ion: 41 Resp: 196952
Ion Ratio Lower Upper
41 100
39 70.6 56.9 85.3
76 30.0 24.1 36.1





#15
Acrylonitrile
Concen: 257.771 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

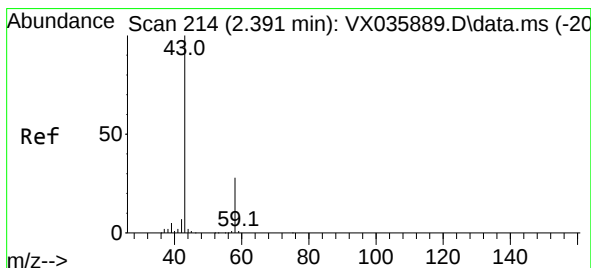
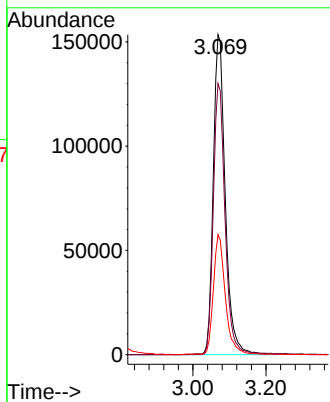
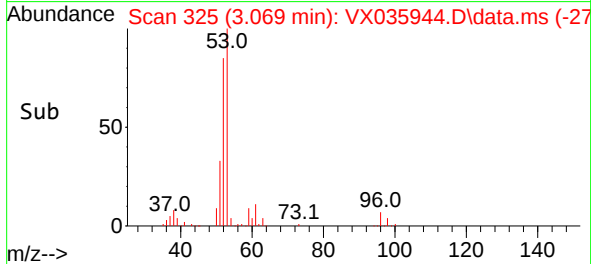
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 34903
Ion Ratio Lower Upper
53 100
52 83.4 67.0 100.4
51 36.9 29.8 44.8

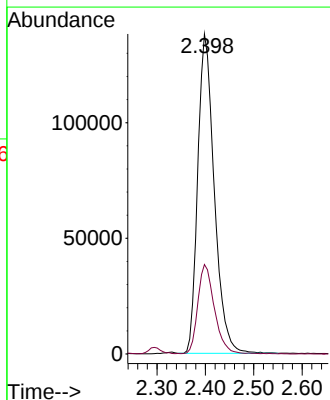
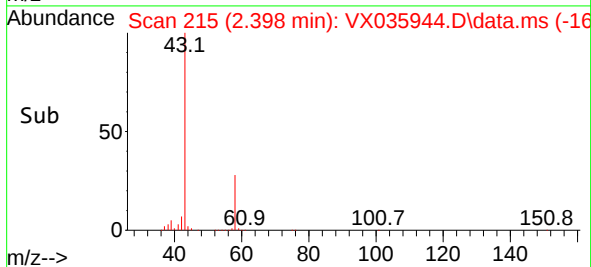
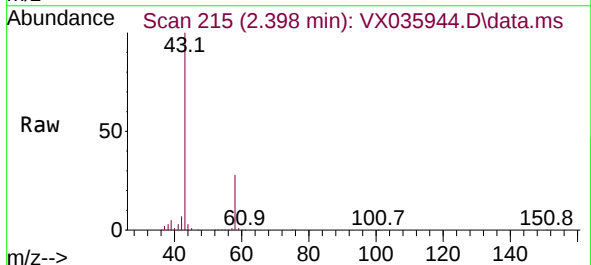
Manual Integrations
APPROVED

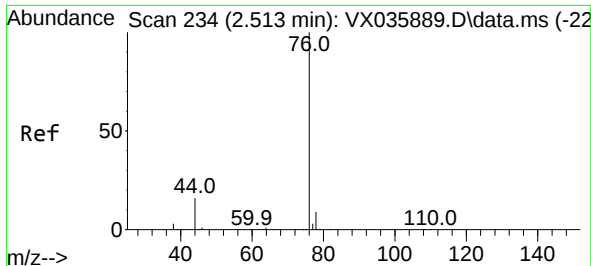
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#16
Acetone
Concen: 244.694 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 43 Resp: 327598
Ion Ratio Lower Upper
43 100
58 27.9 22.2 33.2





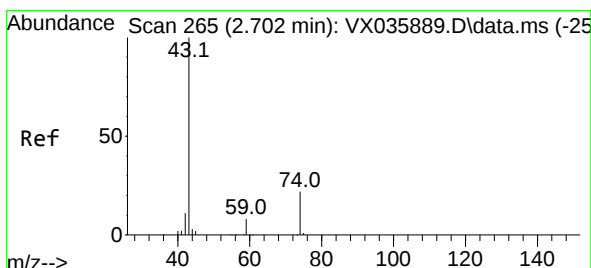
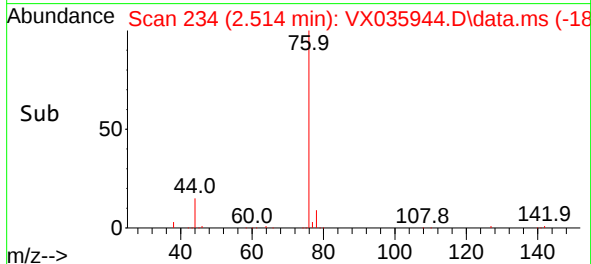
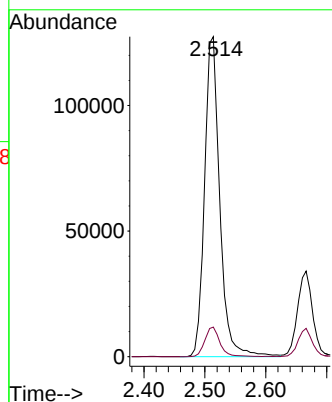
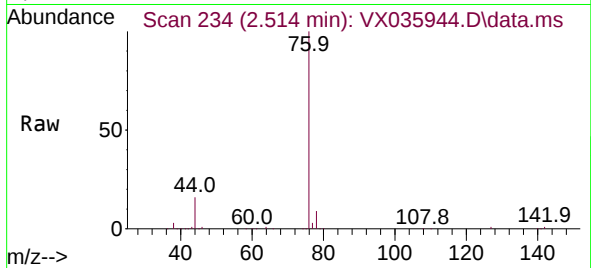
#17
Carbon Disulfide
Concen: 44.032 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 221200
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

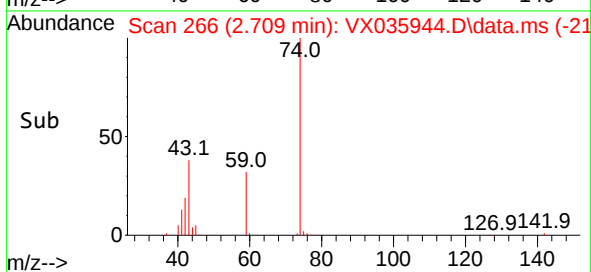
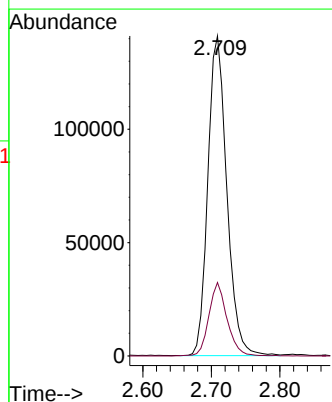
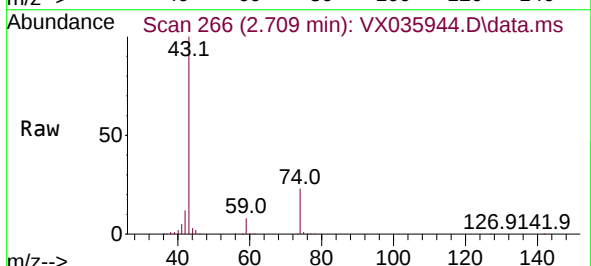
Manual Integrations
APPROVED

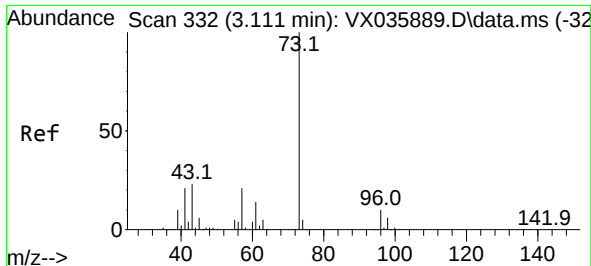
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#18
Methyl Acetate
Concen: 52.081 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 43 Resp: 271071
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5





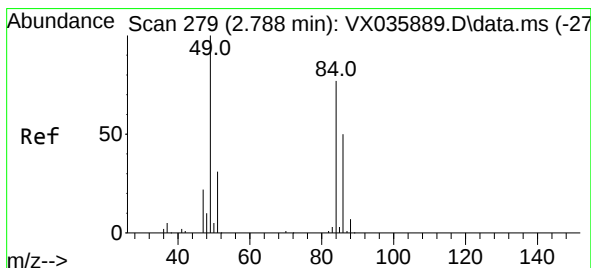
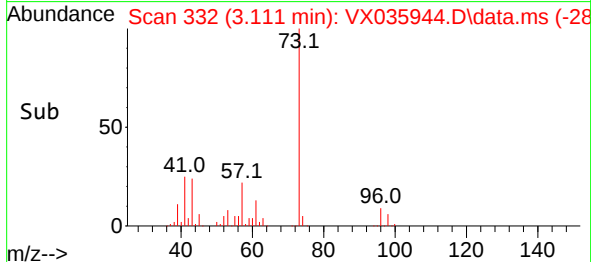
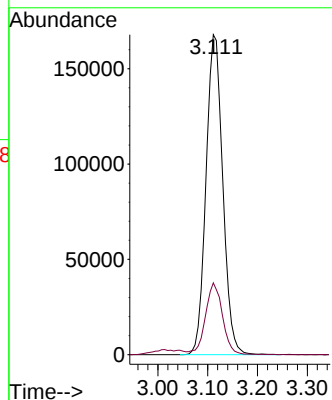
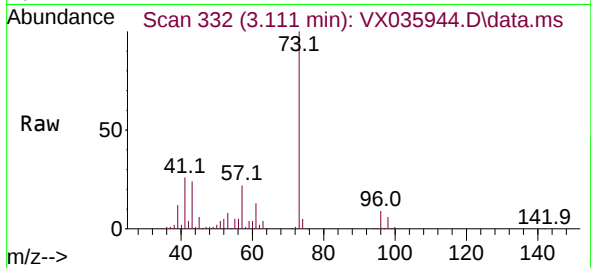
#19
Methyl tert-butyl Ether
Concen: 49.867 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 391634
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

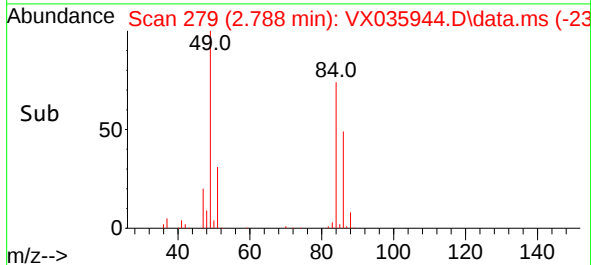
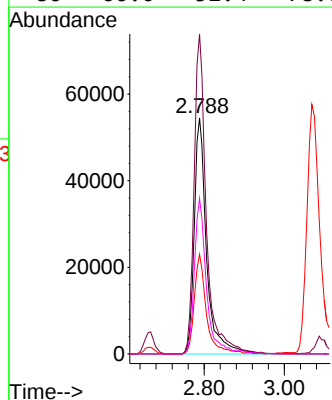
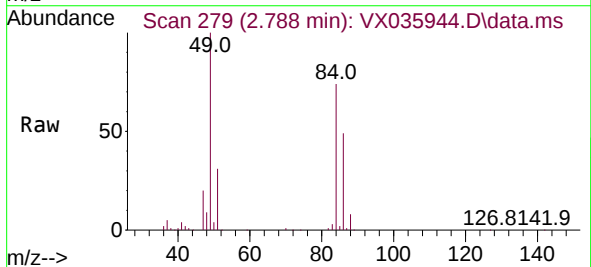
Manual Integrations
APPROVED

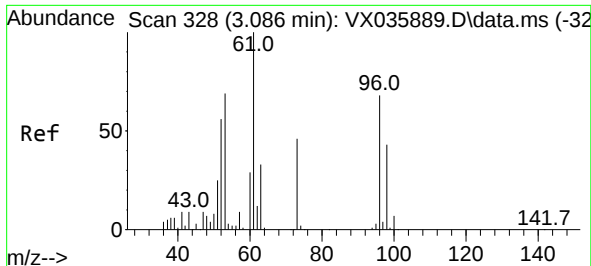
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#20
Methylene Chloride
Concen: 45.256 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

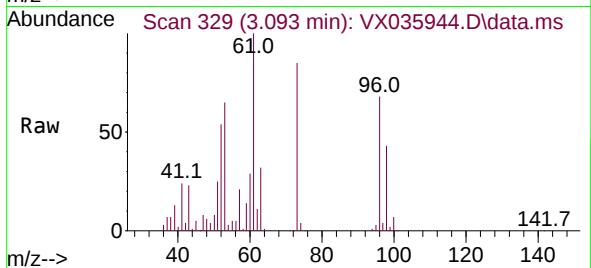
Tgt Ion: 84 Resp: 116711
Ion Ratio Lower Upper
84 100
49 135.5 104.6 156.8
51 42.2 32.2 48.4
86 66.0 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 45.051 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

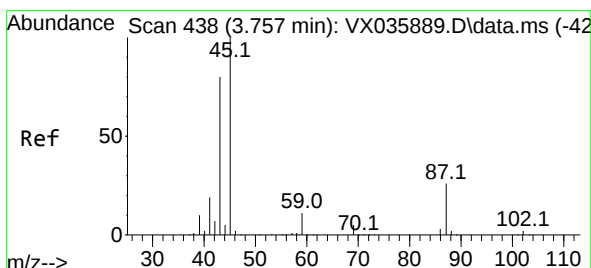
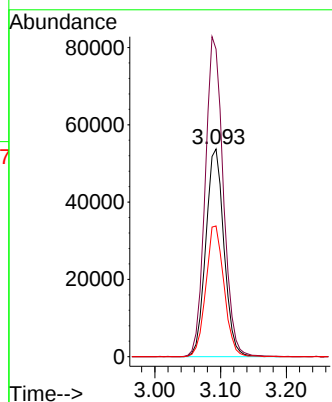
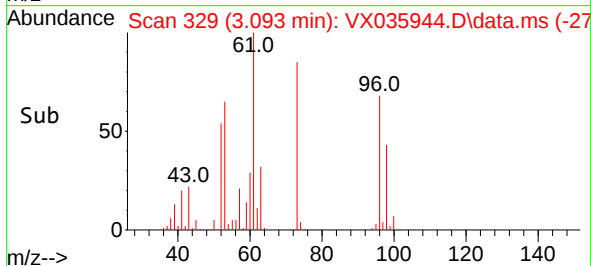
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 103249
Ion Ratio Lower Upper
96 100
61 148.1 118.2 177.4
98 63.0 50.6 75.8

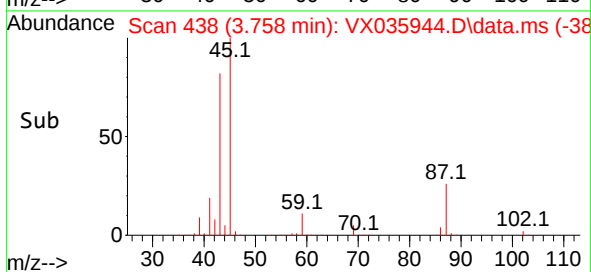
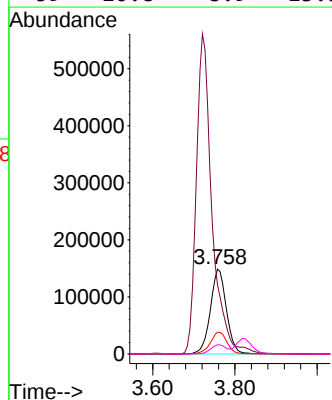
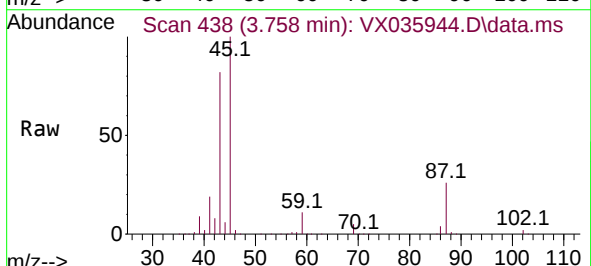
Manual Integrations
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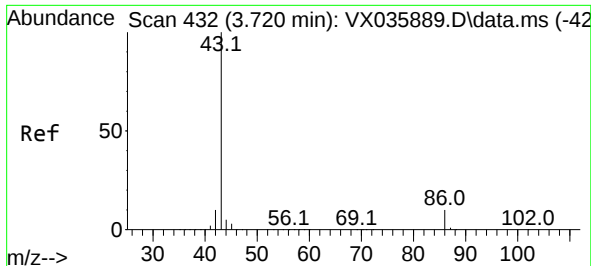
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#22
Diisopropyl ether
Concen: 50.035 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 45 Resp: 401096
Ion Ratio Lower Upper
45 100
43 81.6 63.8 95.6
87 25.6 20.6 31.0
59 10.8 8.9 13.3





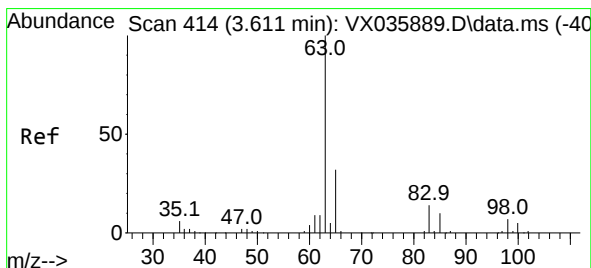
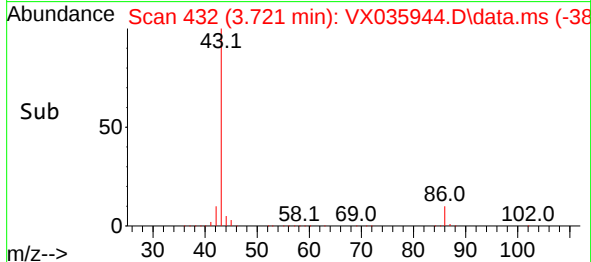
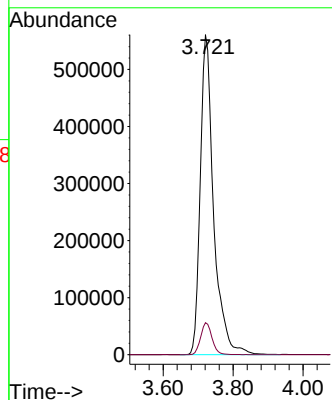
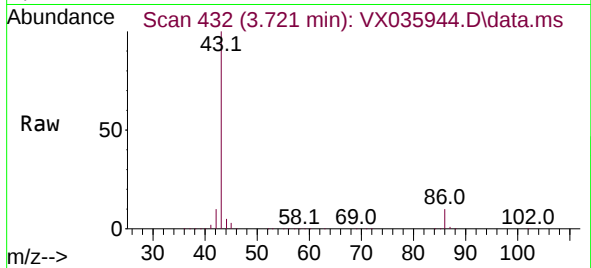
#23
 Vinyl Acetate
 Concen: 263.656 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035944.D
 Acq: 31 May 2023 18:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1484940
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.6

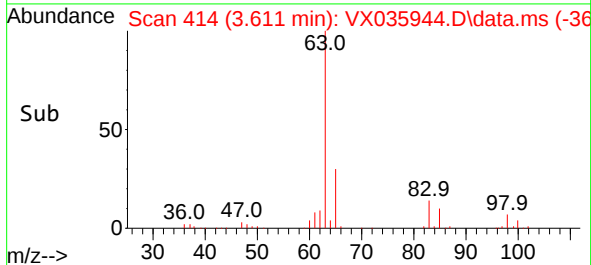
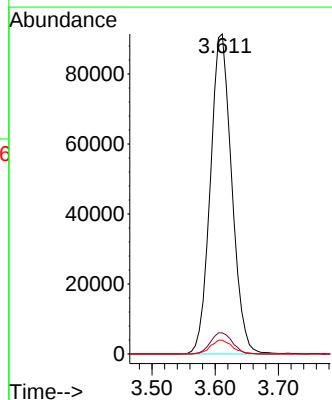
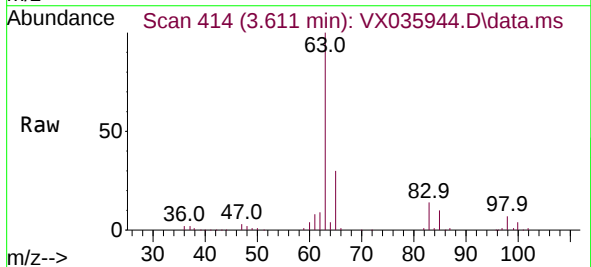
Manual Integrations
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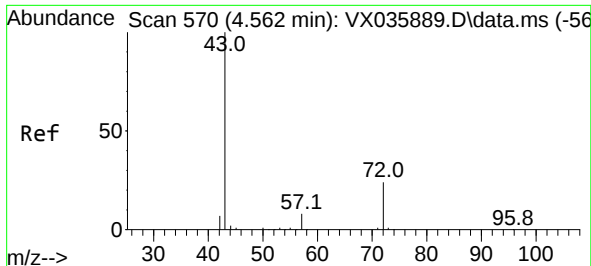
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023



#24
 1,1-Dichloroethane
 Concen: 48.328 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035944.D
 Acq: 31 May 2023 18:19

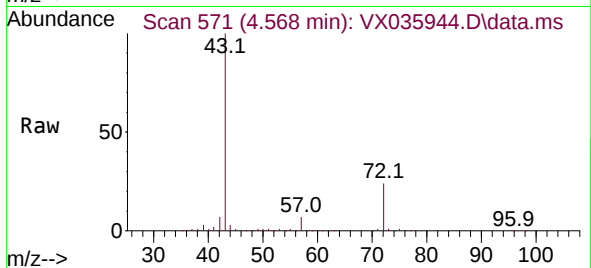
Tgt Ion: 63 Resp: 214877
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.3 2.3 6.9





#25
2-Butanone
Concen: 266.428 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

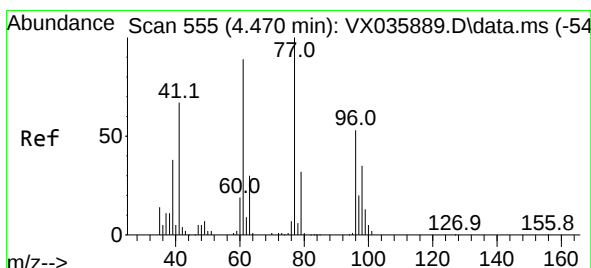
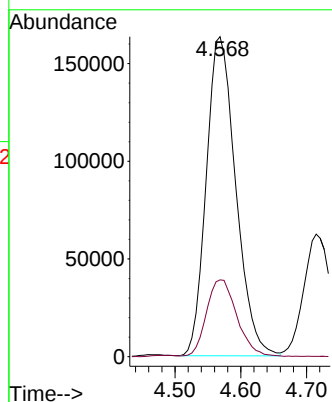
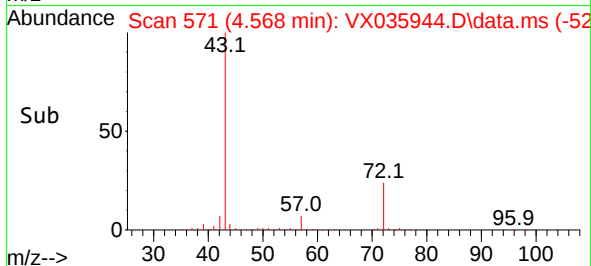
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 51053
Ion Ratio Lower Upper
43 100
72 23.8 19.4 29.2

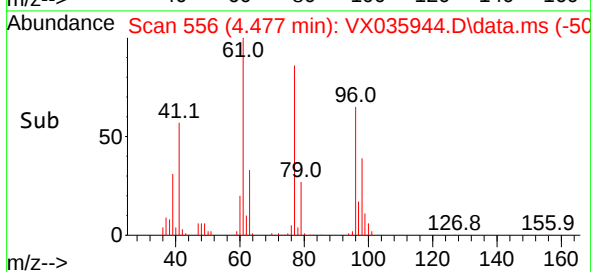
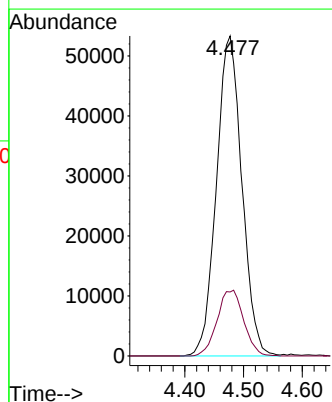
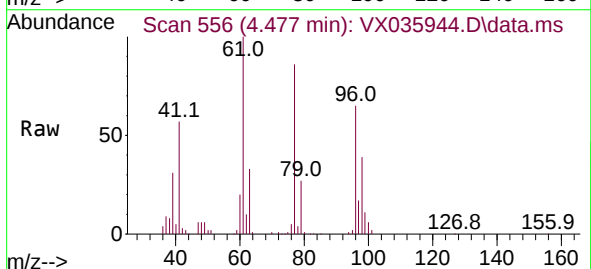
Manual Integrations
APPROVED

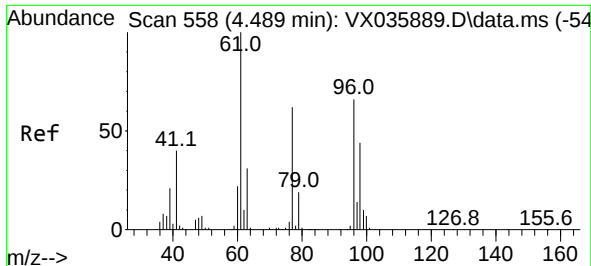
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#26
2,2-Dichloropropane
Concen: 47.350 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 77 Resp: 160471
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 46.226 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 127152

Ion Ratio Lower Upper

96 100

61 154.9 0.0 312.6

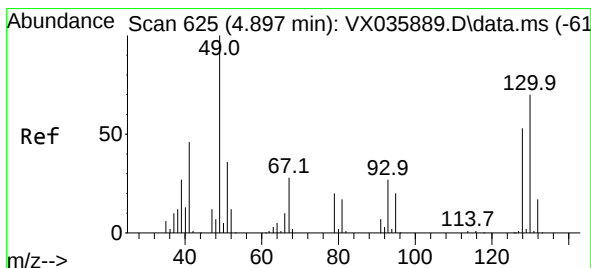
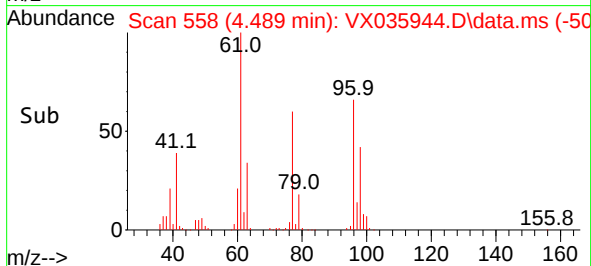
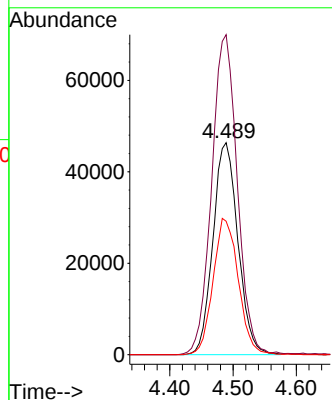
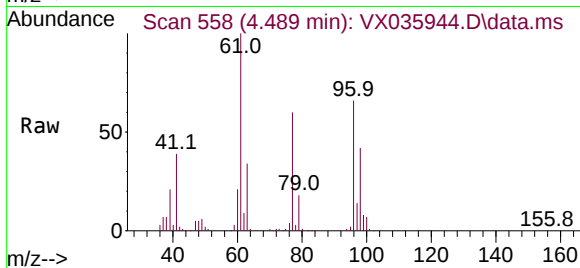
98 64.9 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#28

Bromochloromethane

Concen: 48.564 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

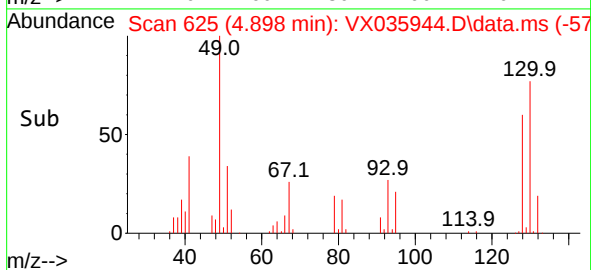
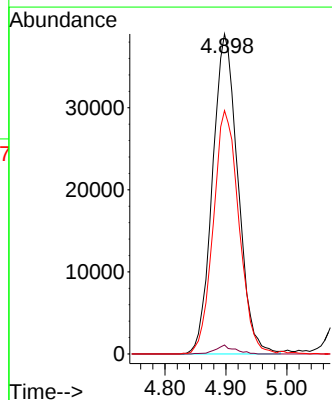
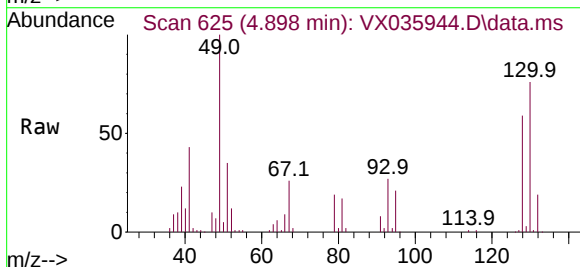
Tgt Ion: 49 Resp: 113071

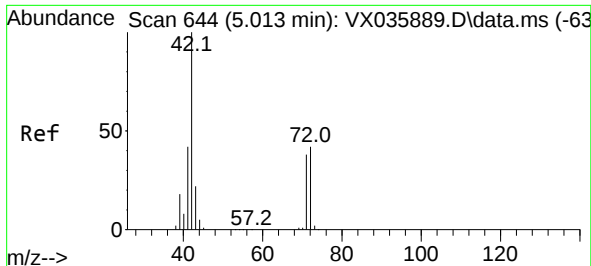
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 76.7 55.8 83.8





#29

Tetrahydrofuran

Concen: 265.080 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX035944.D

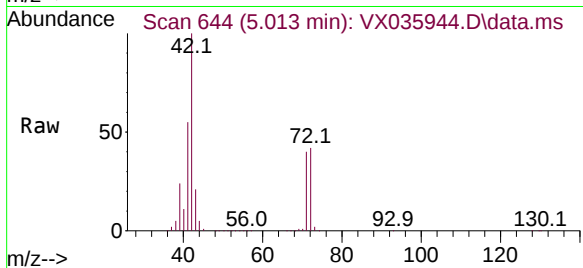
Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



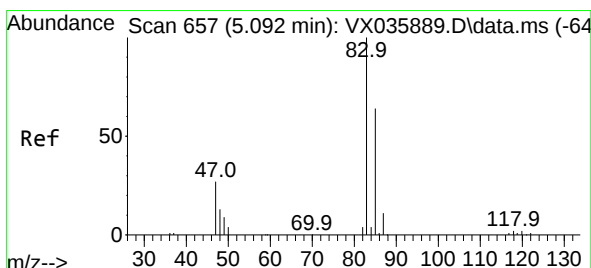
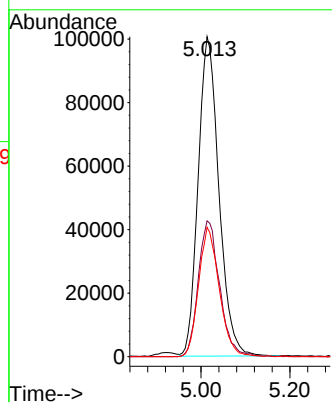
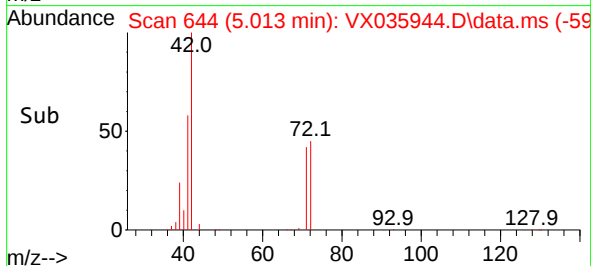
Tgt Ion:	42	Resp:	32732
Ion Ratio	100	Lower	Upper
42	100		
72	43.8	34.2	51.2
71	40.3	31.8	47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#30

Chloroform

Concen: 48.110 ug/l

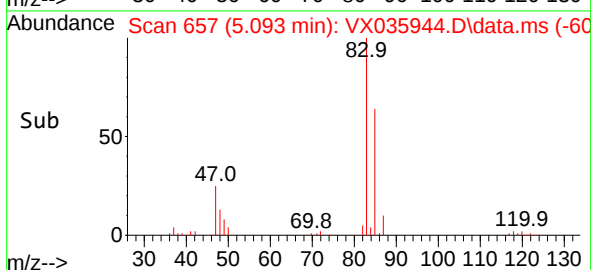
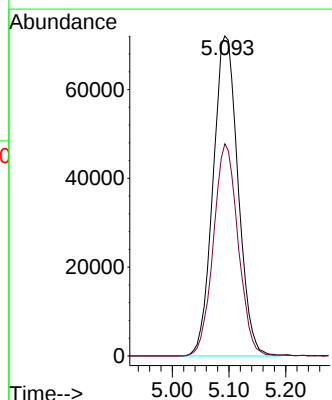
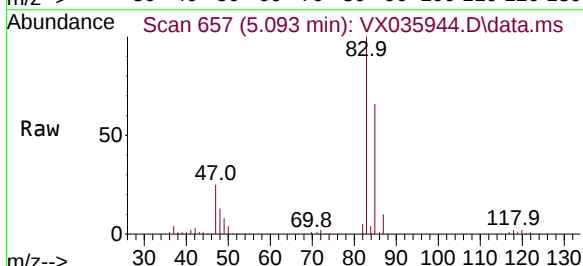
RT: 5.093 min Scan# 657

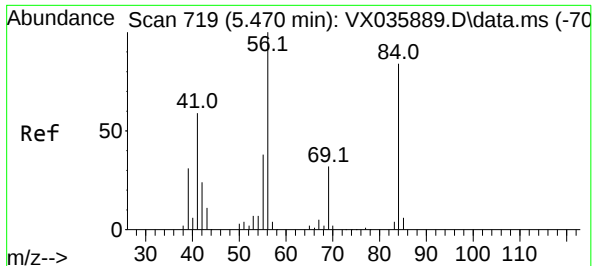
Delta R.T. 0.001 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

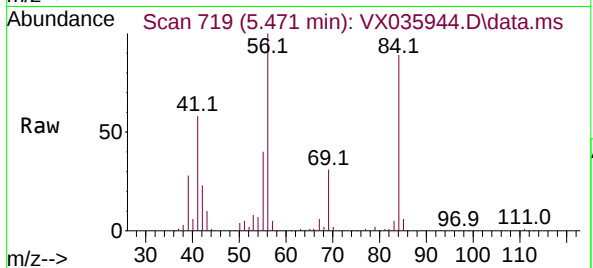
Tgt Ion:	83	Resp:	220324
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	51.0	76.4





#31
Cyclohexane
Concen: 47.847 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

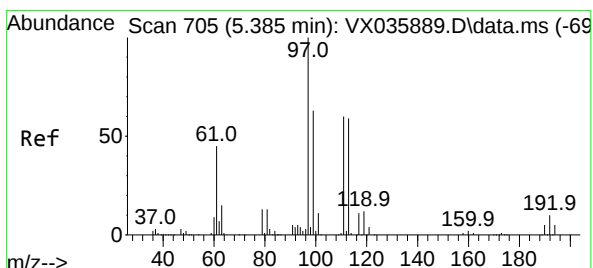
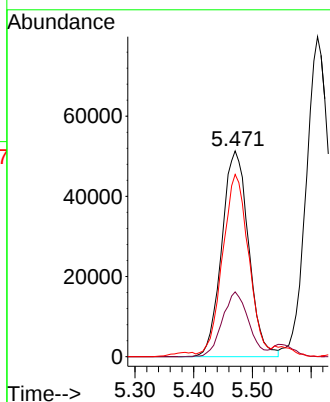
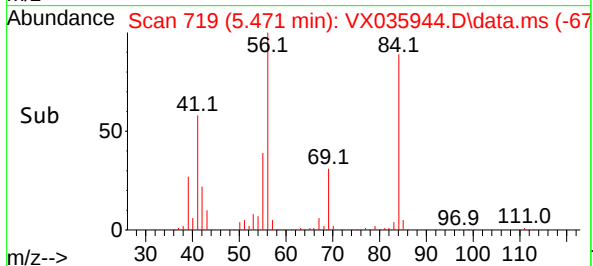
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16257
Ion Ratio Lower Upper
56 100
69 31.5 25.9 38.9
84 86.8 67.6 101.4

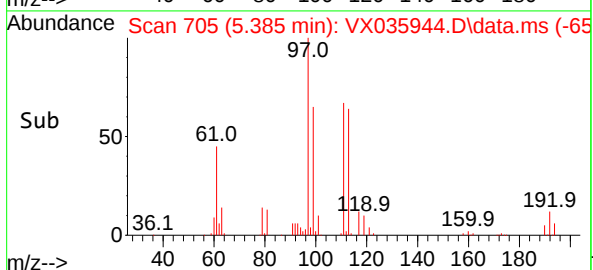
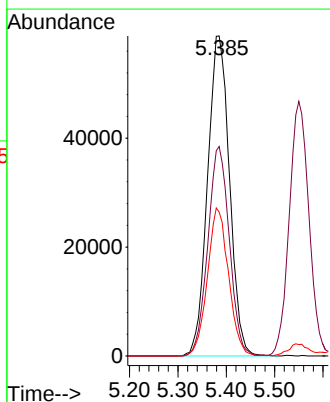
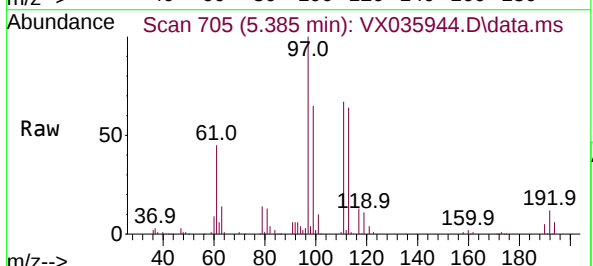
Manual Integrations
APPROVED

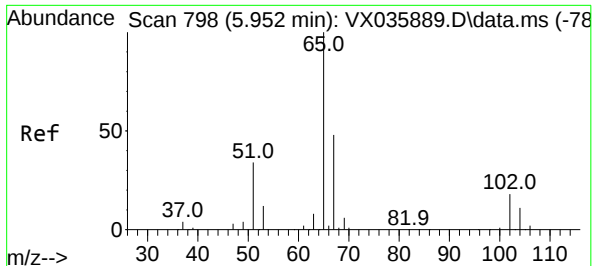
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#32
1,1,1-Trichloroethane
Concen: 47.854 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 97 Resp: 185193
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 44.6 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 46.037 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 149390

Ion Ratio Lower Upper

65 100

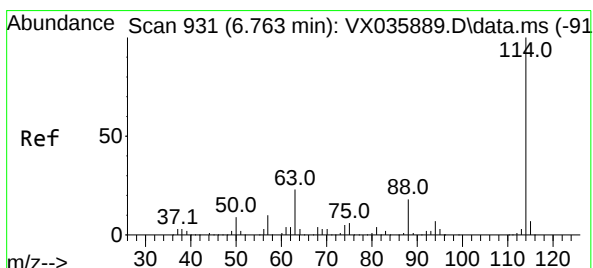
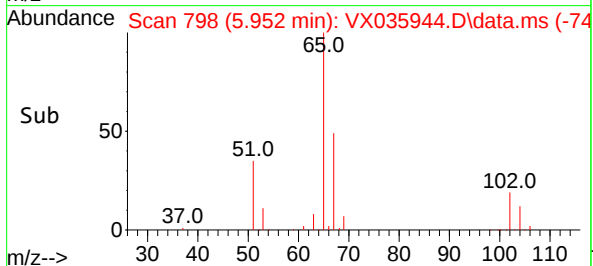
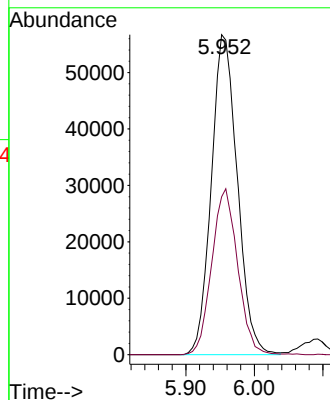
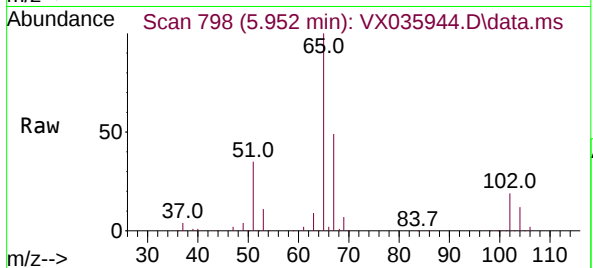
67 51.6 0.0 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

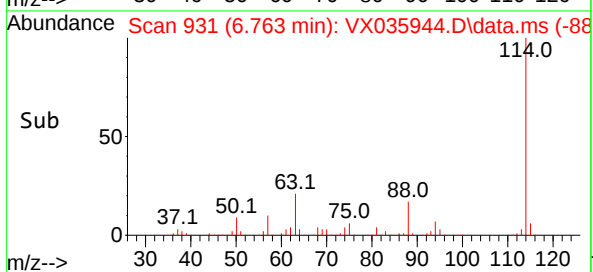
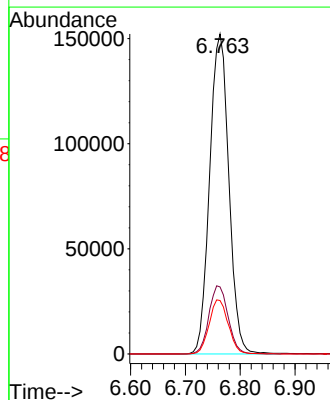
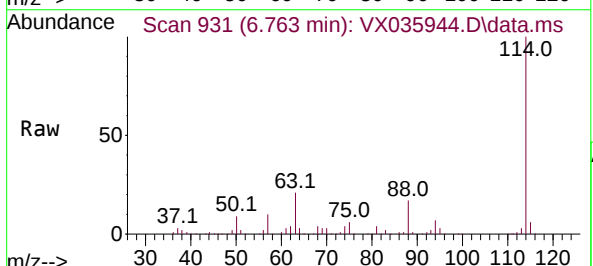
Tgt Ion:114 Resp: 369292

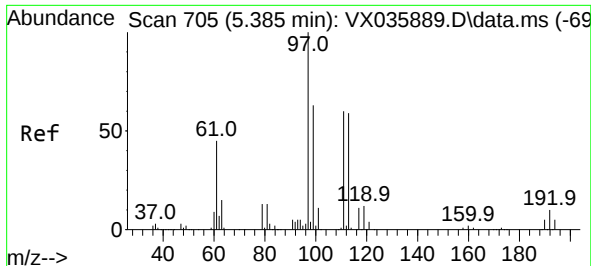
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.0

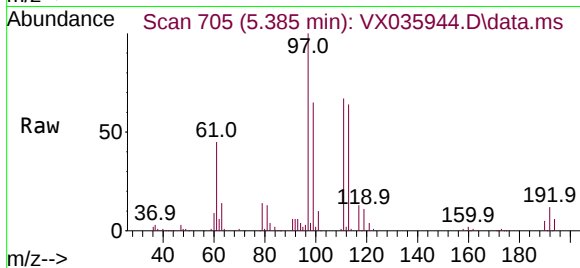
88 16.7 0.0 35.2





#35
Dibromofluoromethane
Concen: 44.915 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

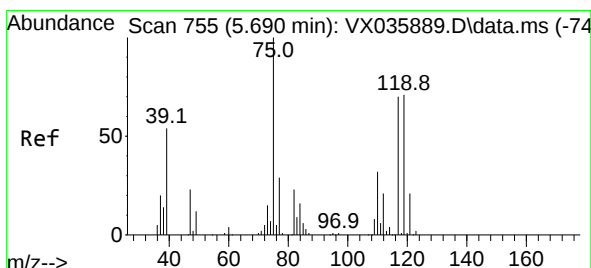
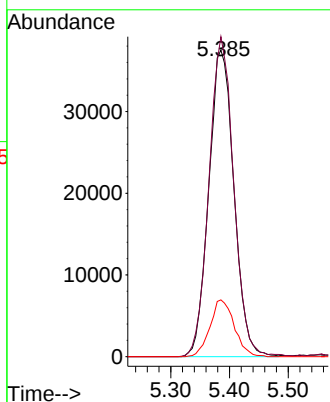
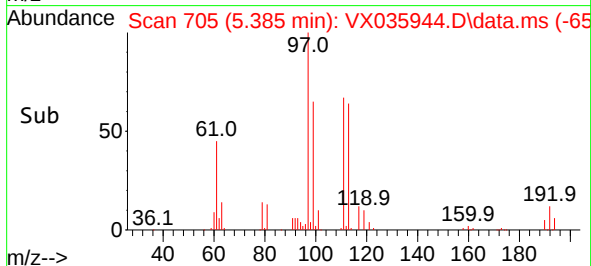
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 111562
Ion Ratio Lower Upper
113 100
111 102.5 81.7 122.5
192 17.9 13.5 20.3

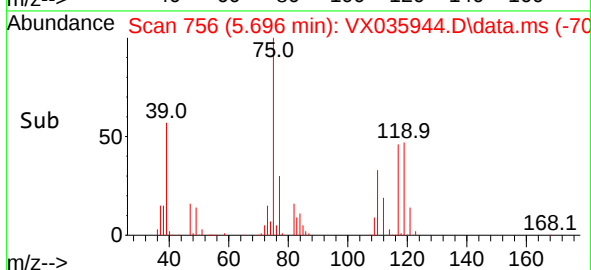
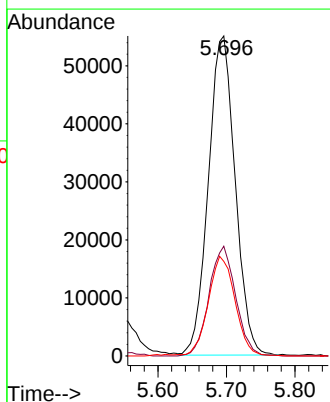
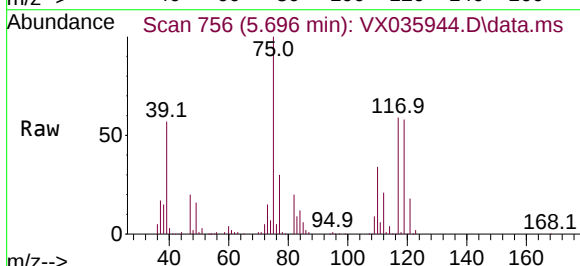
Manual Integrations
APPROVED

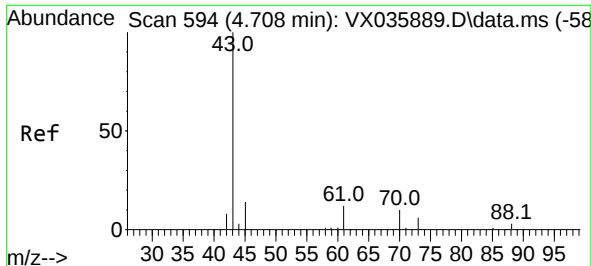
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#36
1,1-Dichloropropene
Concen: 45.116 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 75 Resp: 149416
Ion Ratio Lower Upper
75 100
110 34.2 16.6 49.7
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 50.887 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.007 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 187680

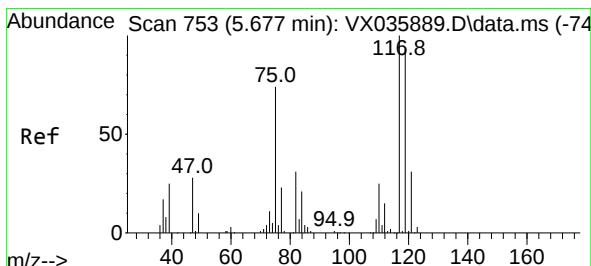
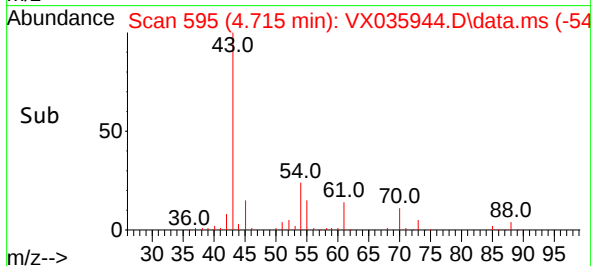
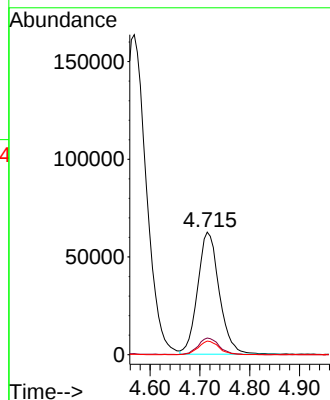
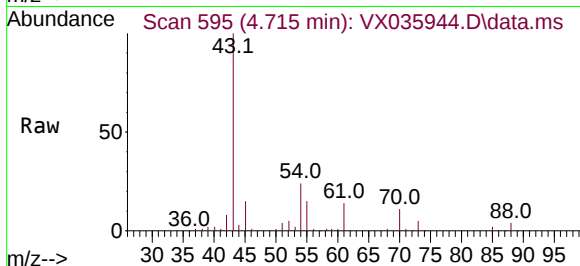
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.3	15.5
70	10.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#38

Carbon Tetrachloride

Concen: 45.975 ug/l

RT: 5.678 min Scan# 753

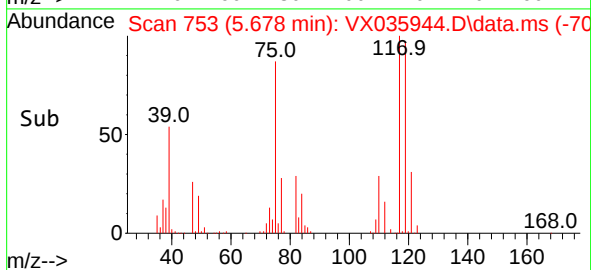
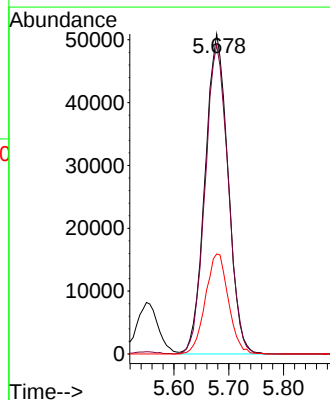
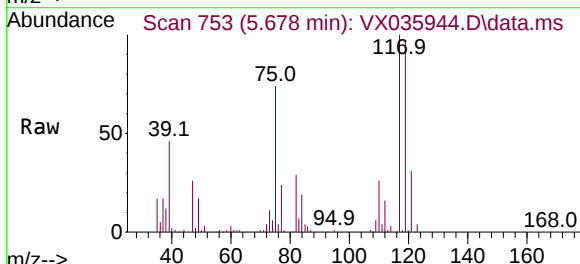
Delta R.T. 0.001 min

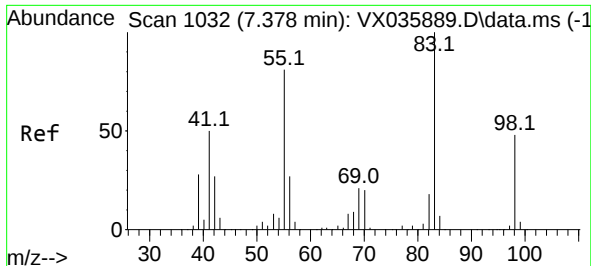
Lab File: VX035944.D

Acq: 31 May 2023 18:19

Tgt Ion:117 Resp: 148379

Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.1	111.1
121	31.3	25.0	37.4





#39

Methylcyclohexane

Concen: 45.692 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 15788

Ion Ratio Lower Upper

83 100

55 79.8 64.9 97.3

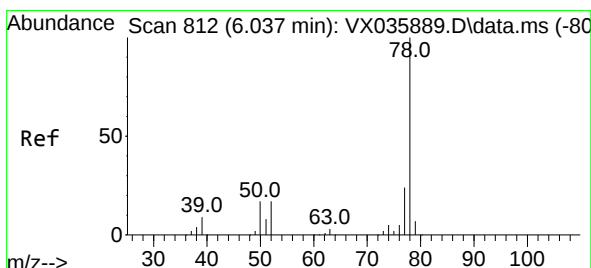
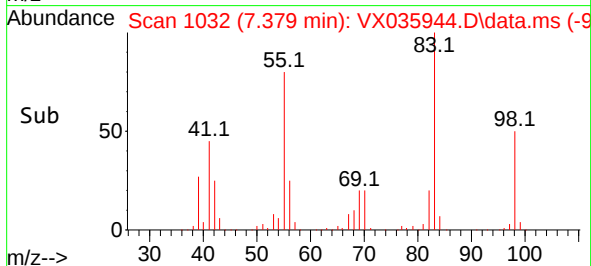
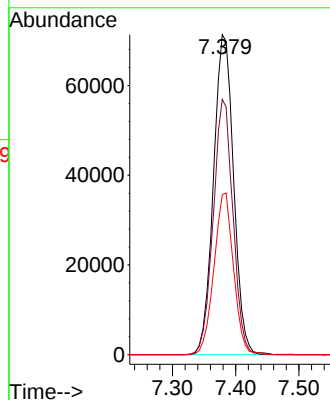
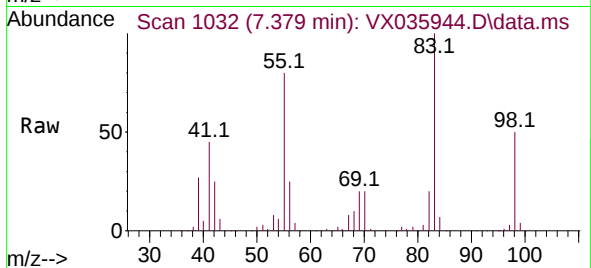
98 50.0 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#40

Benzene

Concen: 46.379 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035944.D

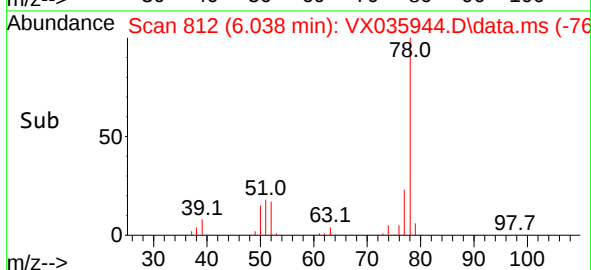
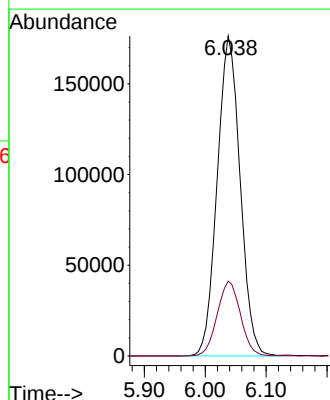
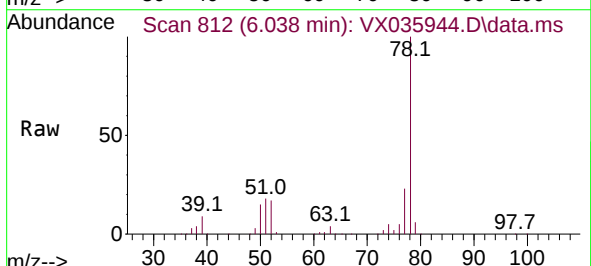
Acq: 31 May 2023 18:19

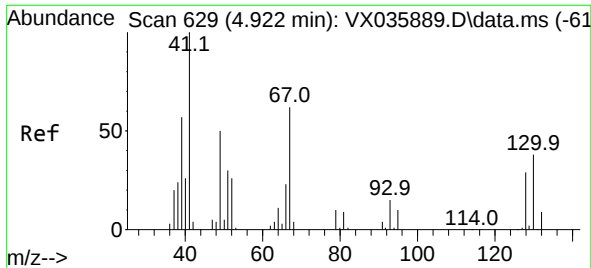
Tgt Ion: 78 Resp: 460987

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6





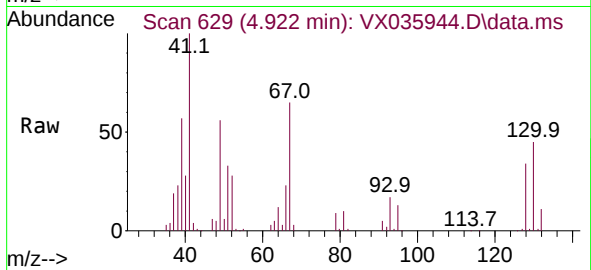
#41
Methacrylonitrile
Concen: 50.458 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



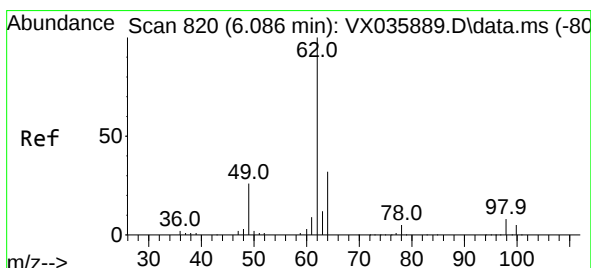
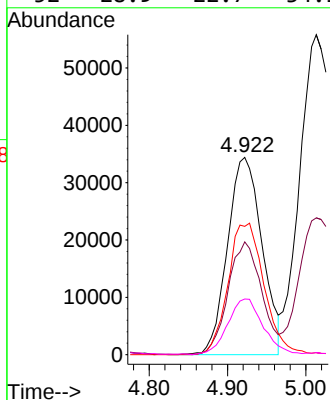
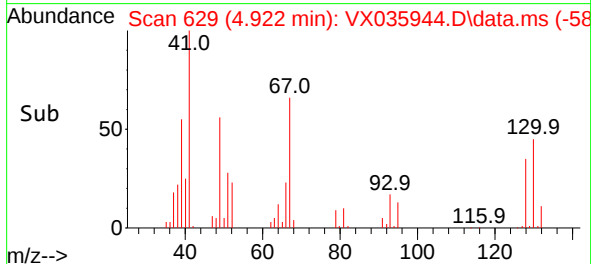
Tgt Ion: 41 Resp: 105574
Ion Ratio Lower Upper
41 100
39 55.2 45.6 68.4
67 69.9 51.8 77.6
52 28.9 22.7 34.1

Manual Integrations

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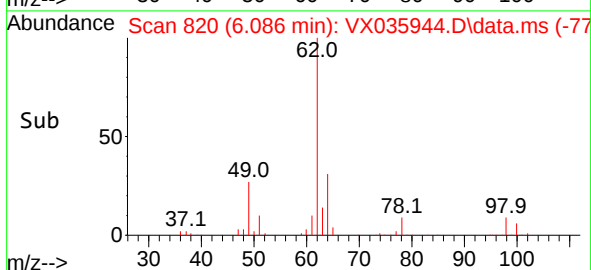
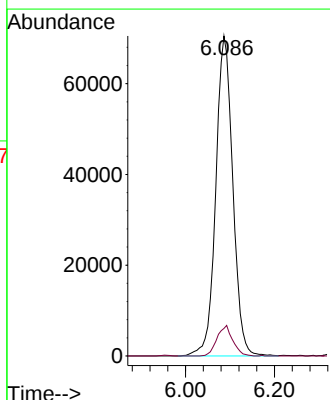
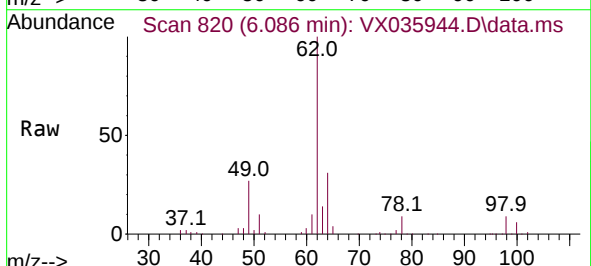
Reviewed By :John Carlone 06/01/2023

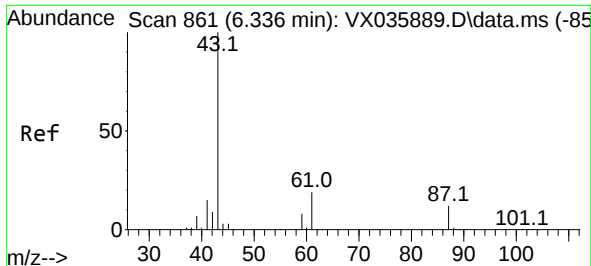
Supervised By :Mahesh Dadoda 06/01/2023



#42
1,2-Dichloroethane
Concen: 47.506 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 62 Resp: 186990
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 48.945 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 296834

Ion Ratio Lower Upper

43 100

61 19.7 15.0 22.4

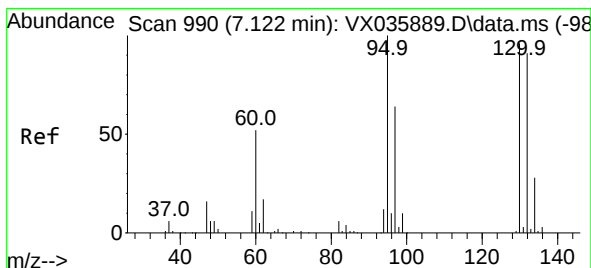
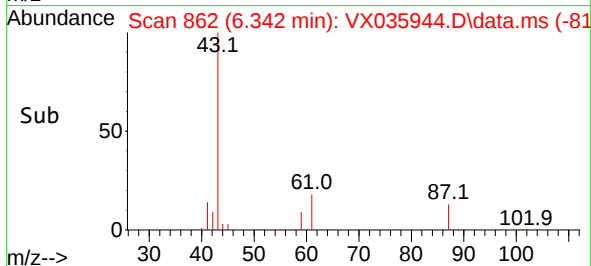
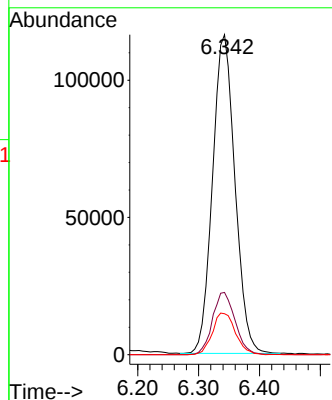
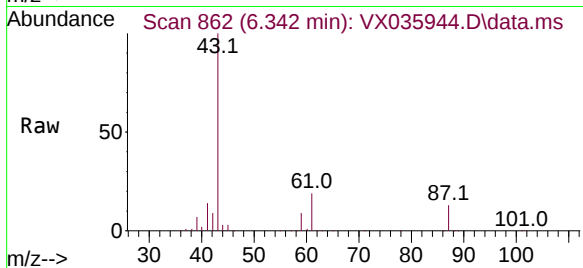
87 13.4 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#44

Trichloroethene

Concen: 45.315 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX035944.D

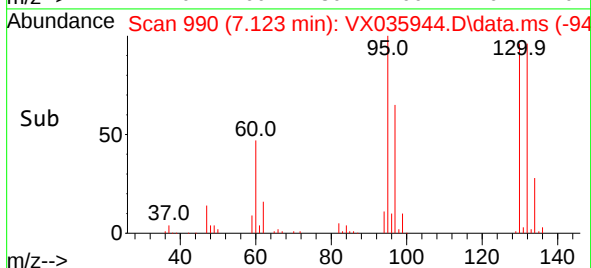
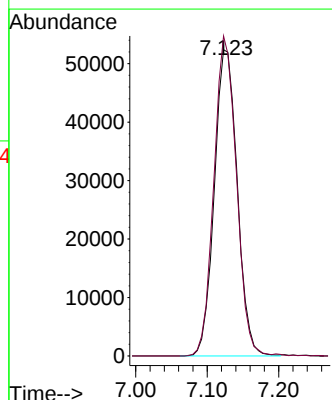
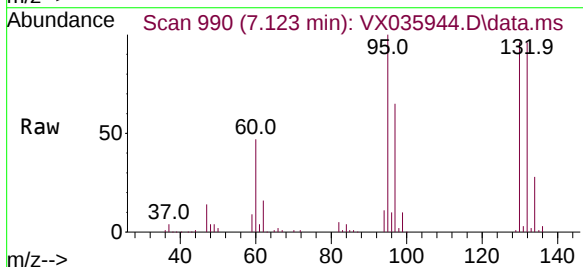
Acq: 31 May 2023 18:19

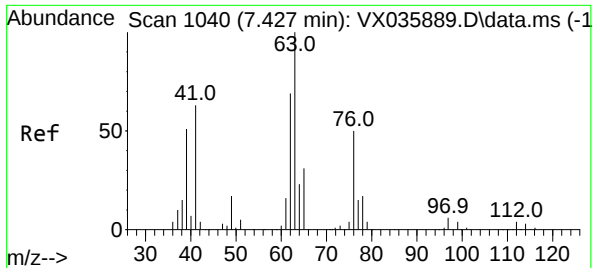
Tgt Ion:130 Resp: 116842

Ion Ratio Lower Upper

130 100

95 104.5 0.0 207.6





#45

1,2-Dichloropropane

Concen: 47.638 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 124620

Ion Ratio Lower Upper

63 100

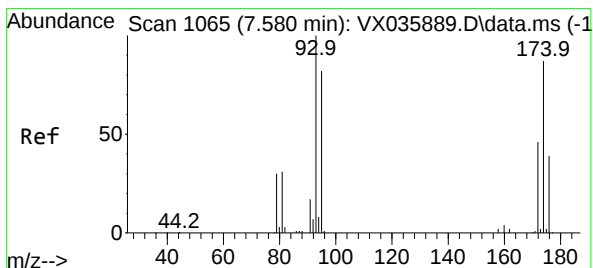
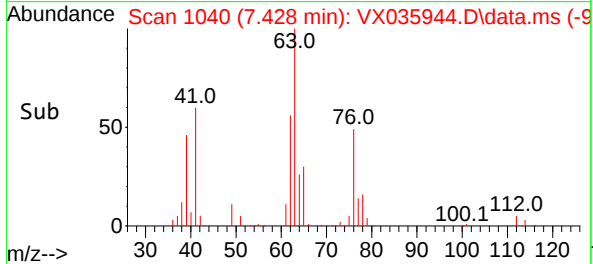
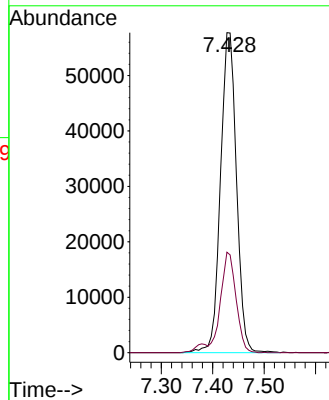
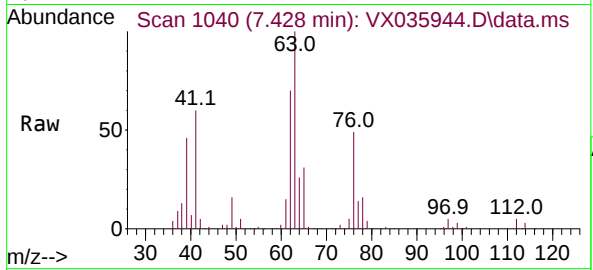
65 31.4 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#46

Dibromomethane

Concen: 47.886 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

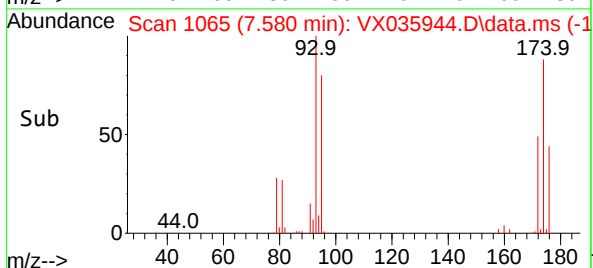
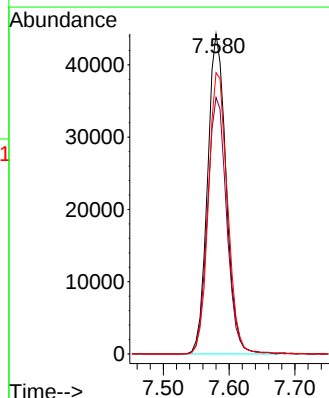
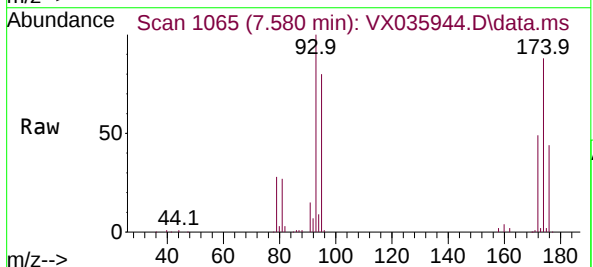
Tgt Ion: 93 Resp: 87023

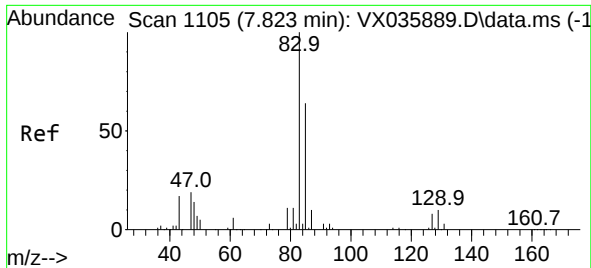
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 90.3 69.5 104.3





#47
Bromodichloromethane
Concen: 48.950 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

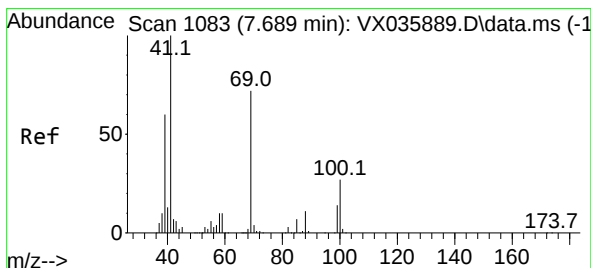
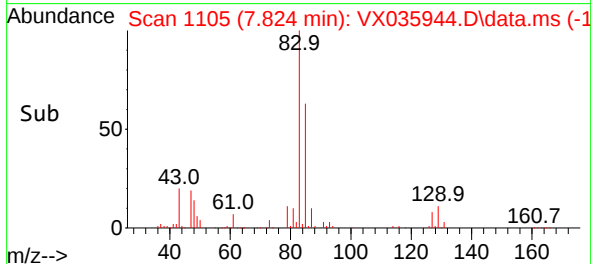
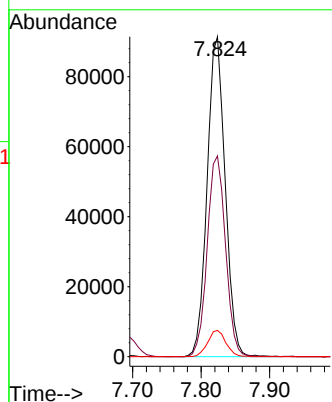
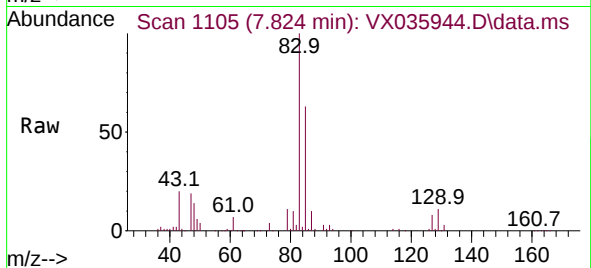
VSTDCCC050EC

Tgt Ion: 83 Resp: 167334
Ion Ratio Lower Upper
83 100
85 62.7 51.3 76.9
127 8.2 6.6 10.0

Manual Integrations

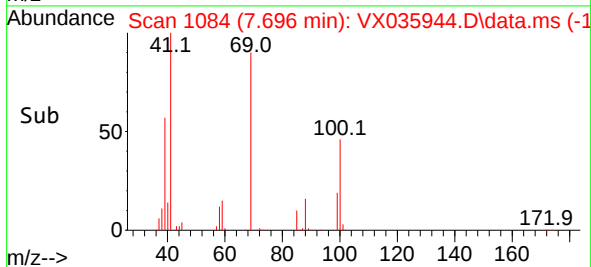
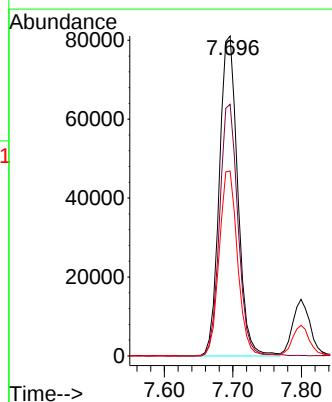
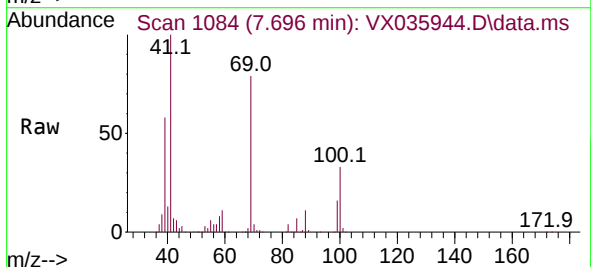
APPROVED

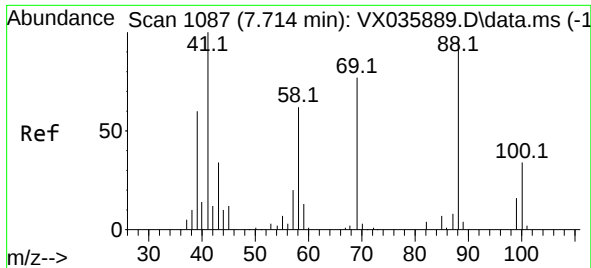
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#48
Methyl methacrylate
Concen: 50.685 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 41 Resp: 150741
Ion Ratio Lower Upper
41 100
69 78.4 59.0 88.6
39 57.7 48.4 72.6





#49

1,4-Dioxane

Concen: 987.802 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 6728

Ion Ratio Lower Upper

88 100

43 30.8 27.4 41.0

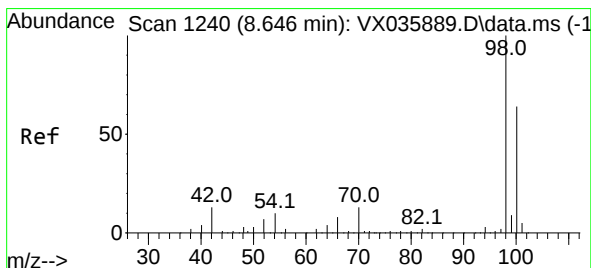
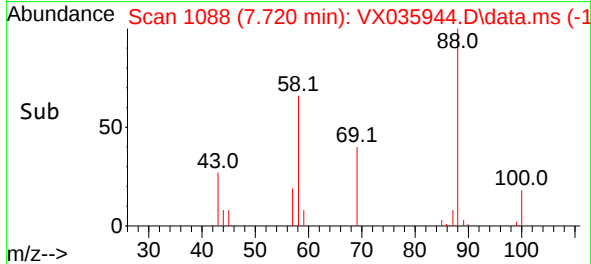
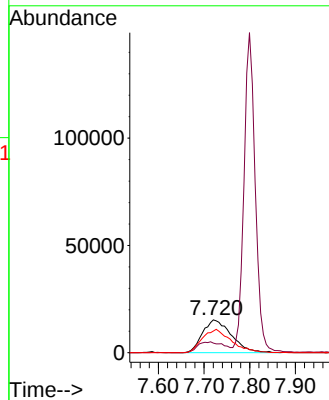
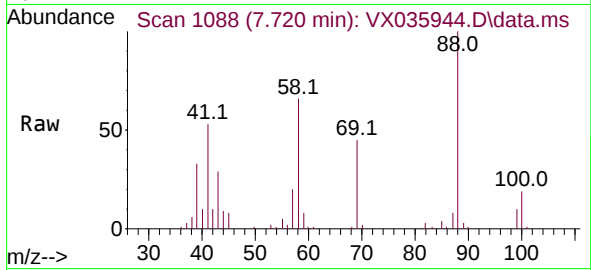
58 71.2 58.9 88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#50

Toluene-d8

Concen: 44.959 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035944.D

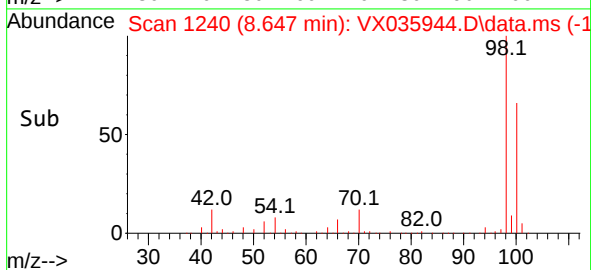
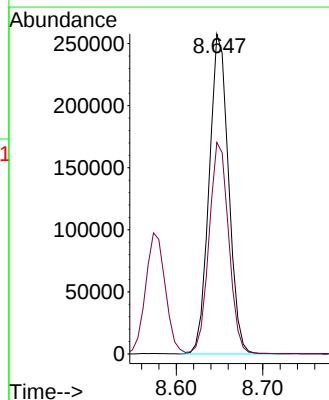
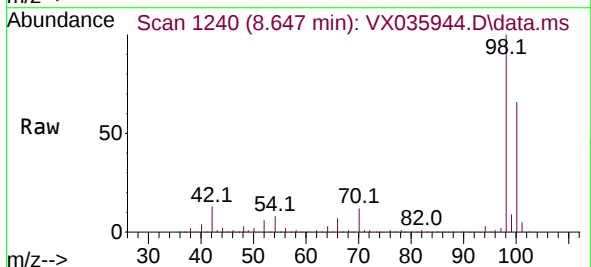
Acq: 31 May 2023 18:19

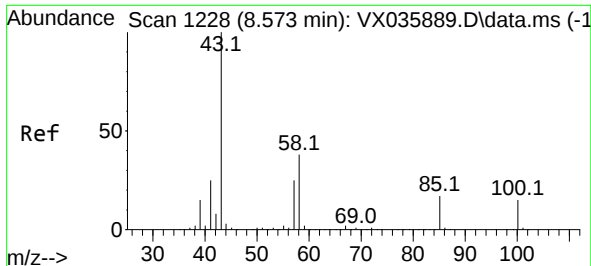
Tgt Ion: 98 Resp: 400776

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 259.715 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 961428

Ion Ratio Lower Upper

43 100

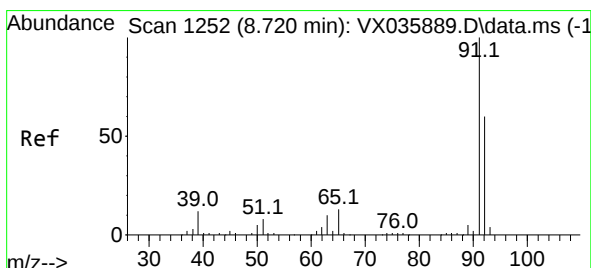
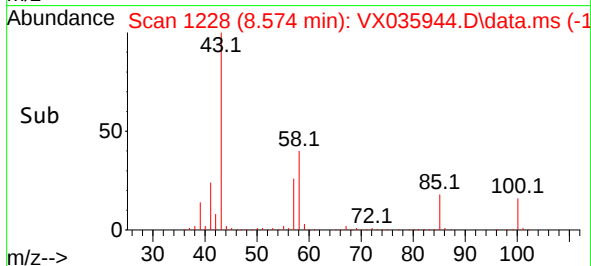
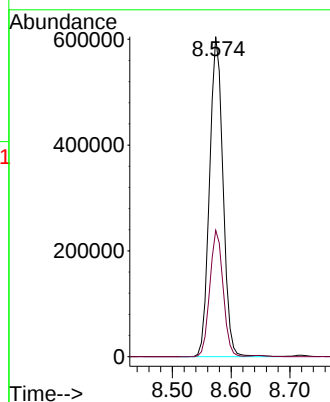
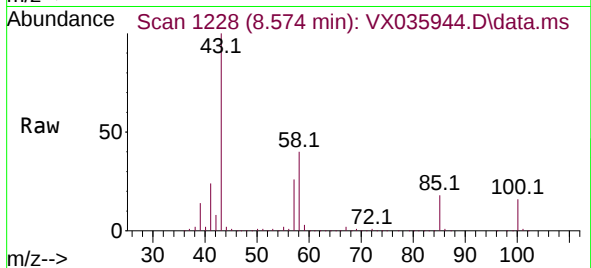
58 39.0 30.1 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#52

Toluene

Concen: 46.500 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035944.D

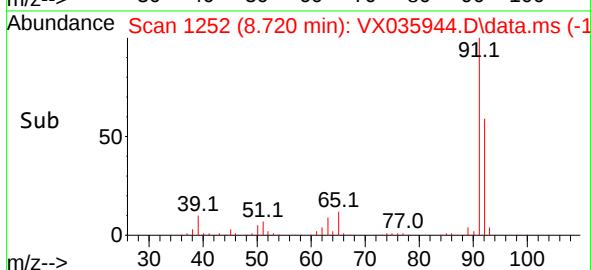
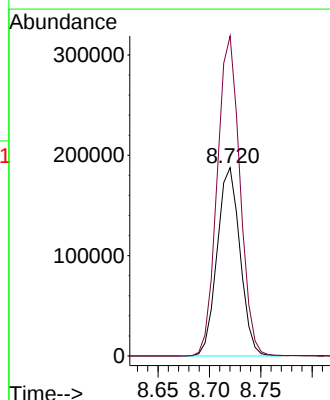
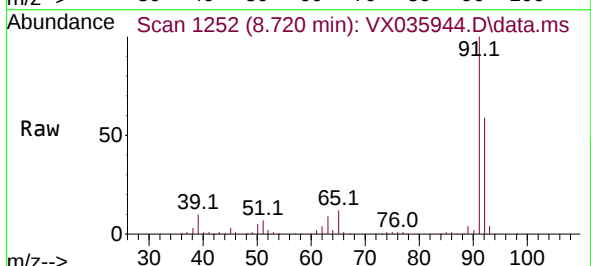
Acq: 31 May 2023 18:19

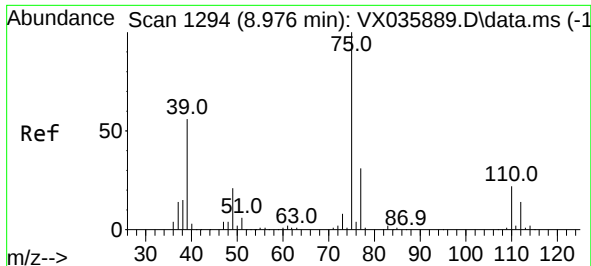
Tgt Ion: 92 Resp: 290579

Ion Ratio Lower Upper

92 100

91 168.7 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 49.229 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 177890

Ion Ratio Lower Upper

75 100

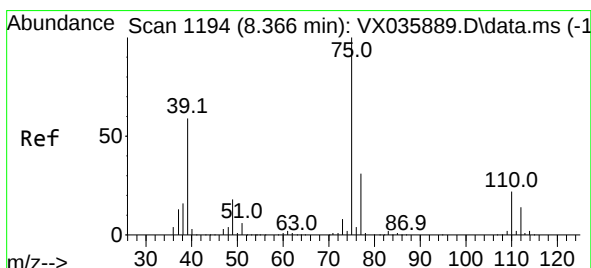
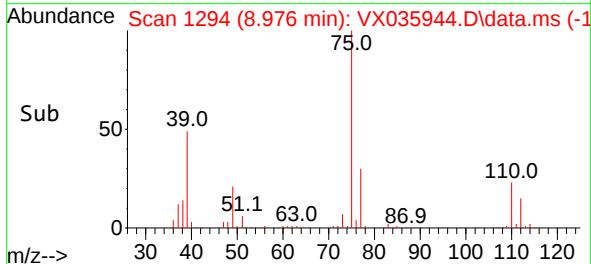
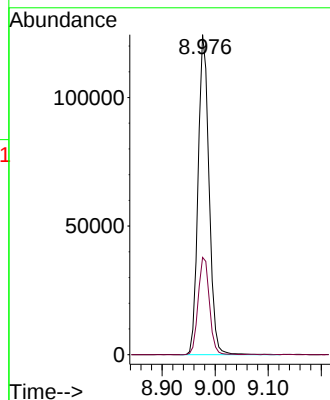
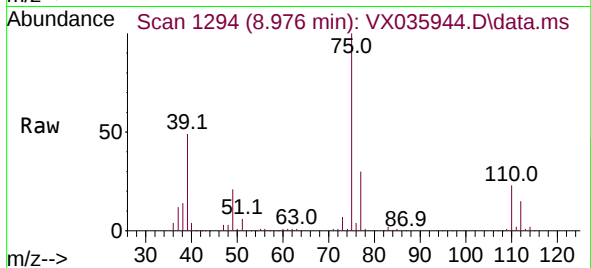
77 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#54

cis-1,3-Dichloropropene

Concen: 48.050 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

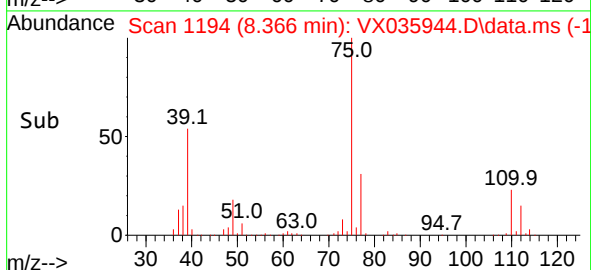
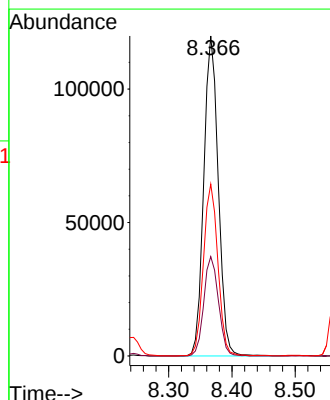
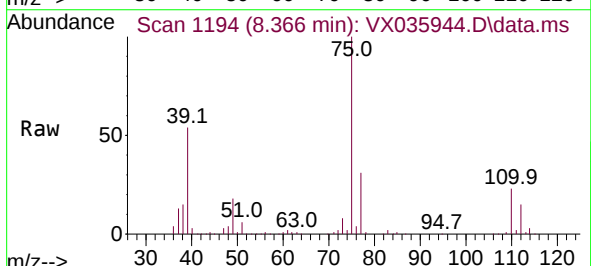
Tgt Ion: 75 Resp: 191740

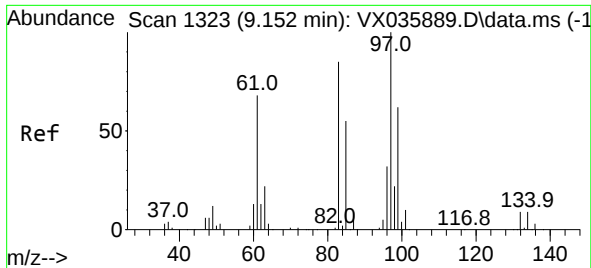
Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

39 53.7 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 47.246 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

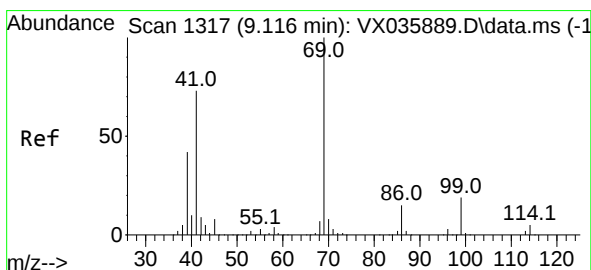
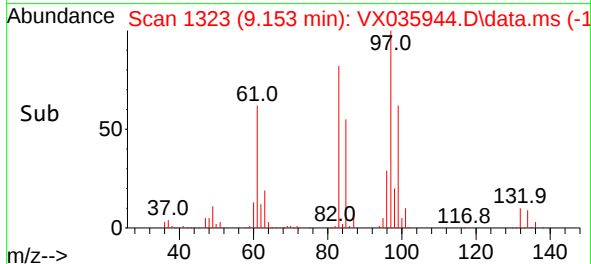
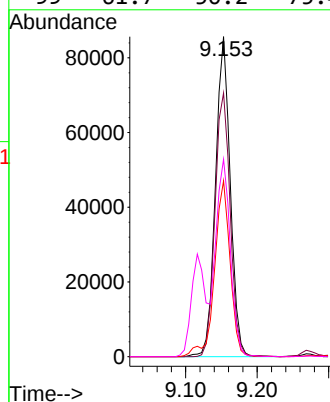
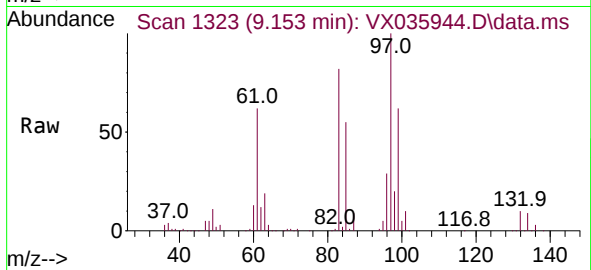
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.3	102.5
85	55.0	44.2	66.2
99	61.7	50.2	75.4

Manual Integrations

APPROVED

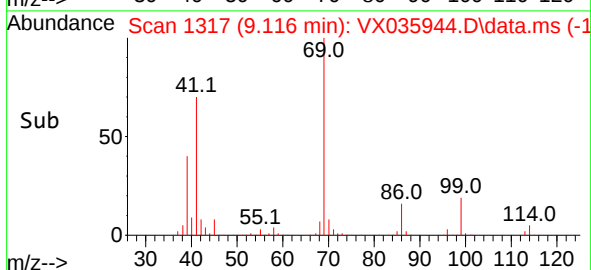
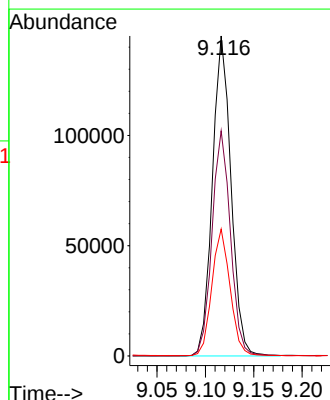
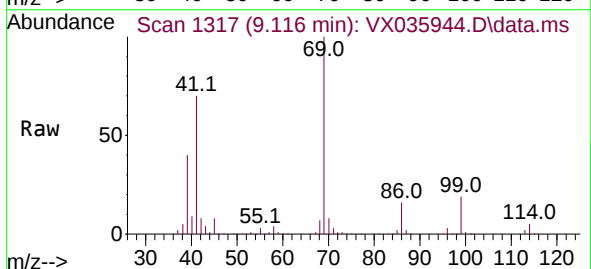
Reviewed By :John Carlone 06/01/2023

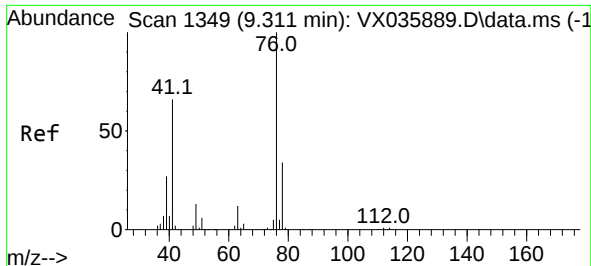
Supervised By :Mahesh Dadoda 06/01/2023



#56
Ethyl methacrylate
Concen: 49.944 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.6	58.9	88.3
39	38.8	33.4	50.0





#57
1,3-Dichloropropane
Concen: 47.505 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

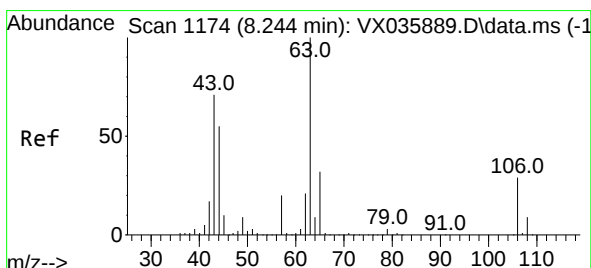
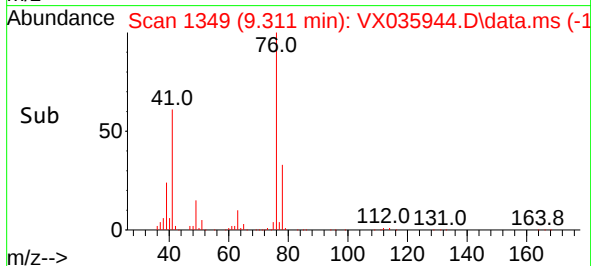
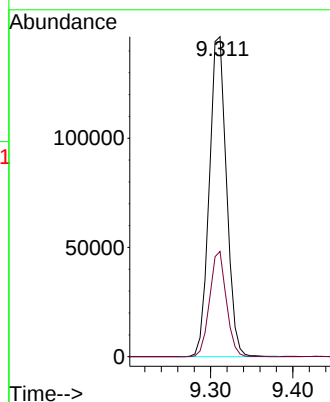
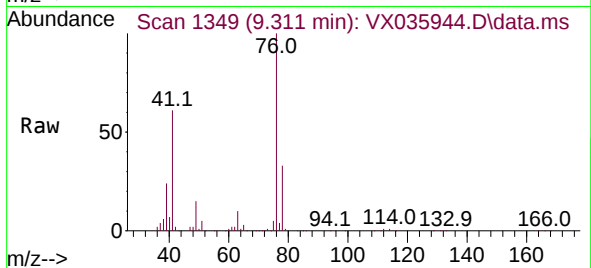
VSTDCCC050EC

Tgt Ion: 76 Resp: 212849
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0

Manual Integrations

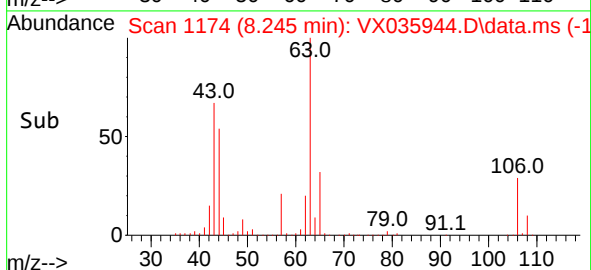
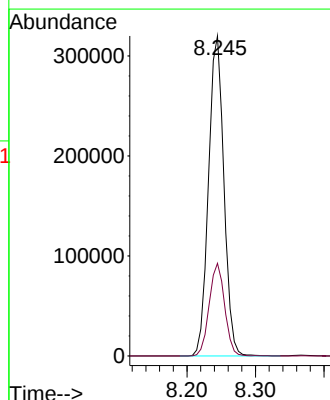
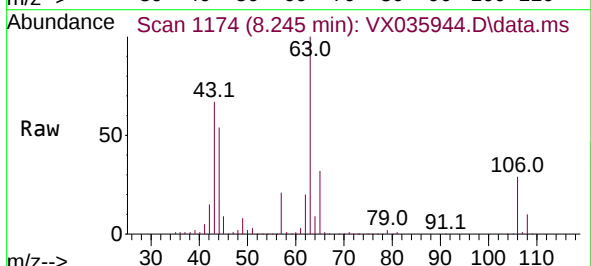
APPROVED

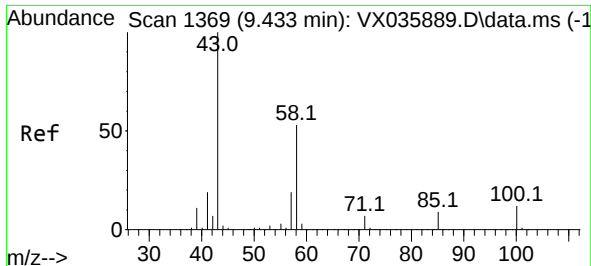
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 244.614 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 63 Resp: 498905
Ion Ratio Lower Upper
63 100
106 29.1 22.3 33.5





#59

2-Hexanone

Concen: 268.417 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 734609

Ion Ratio Lower Upper

43 100

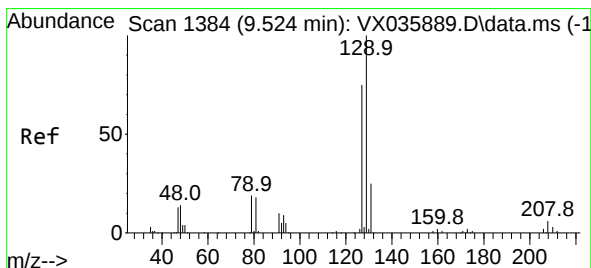
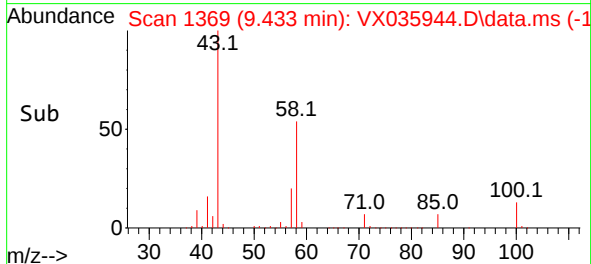
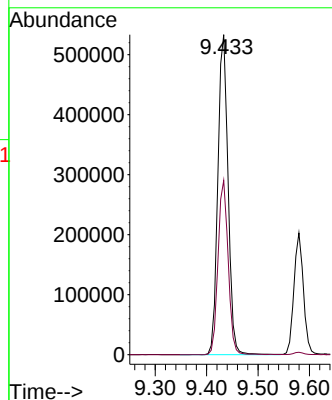
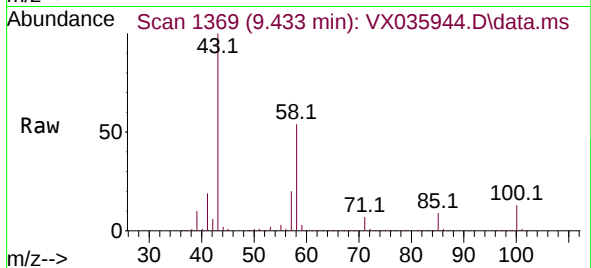
58 53.9 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#60

Dibromochloromethane

Concen: 48.502 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX035944.D

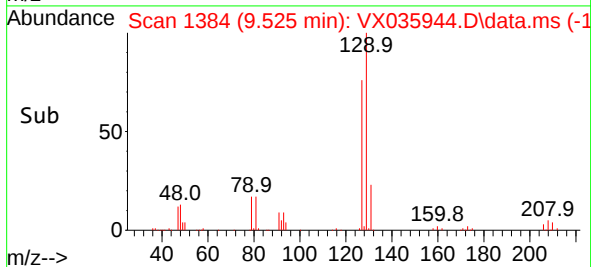
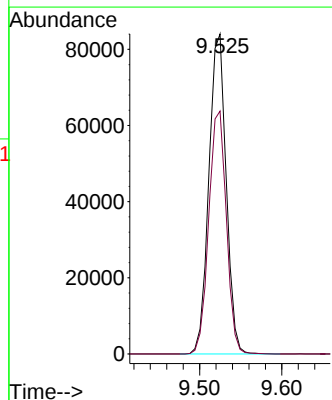
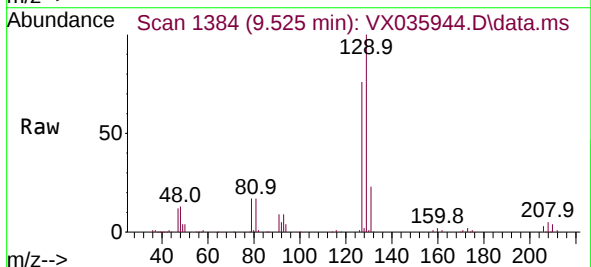
Acq: 31 May 2023 18:19

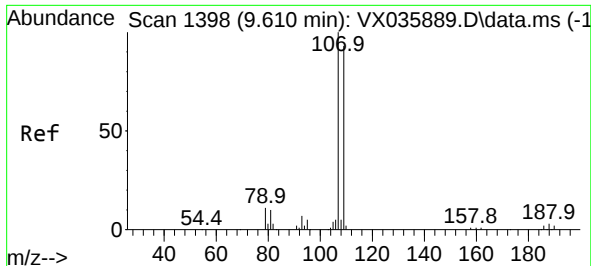
Tgt Ion:129 Resp: 122586

Ion Ratio Lower Upper

129 100

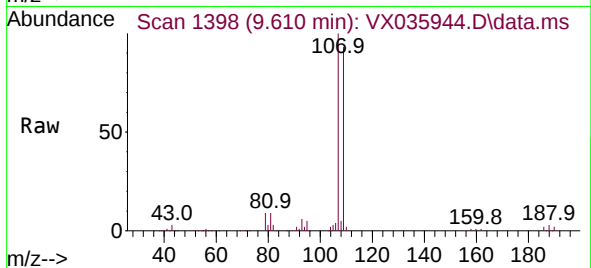
127 77.4 38.4 115.1





#61
1,2-Dibromoethane
Concen: 49.079 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

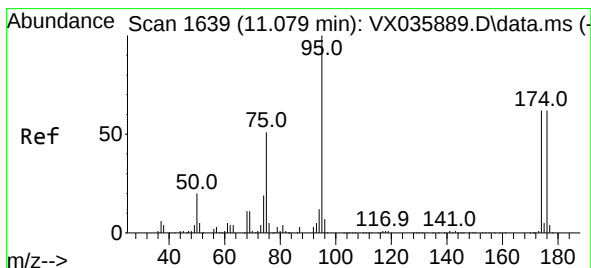
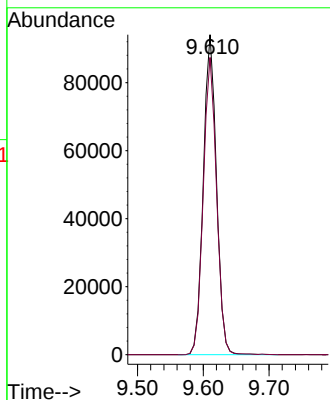
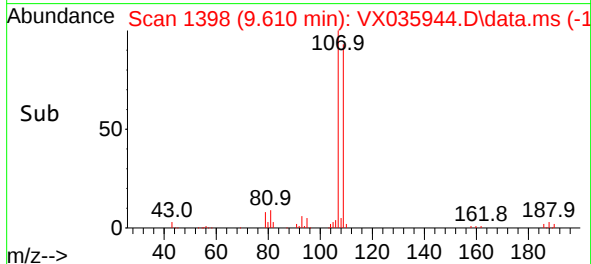
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 130629
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2

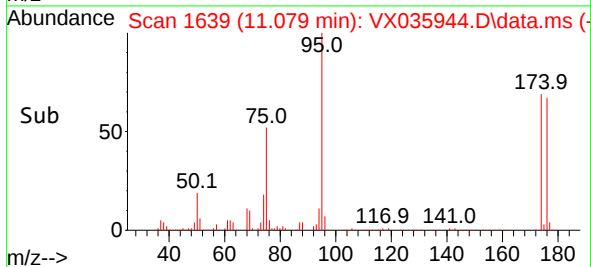
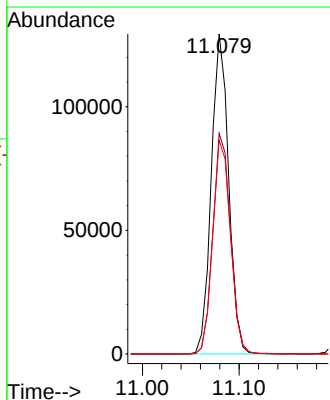
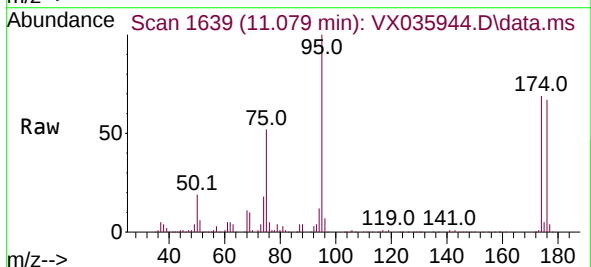
Manual Integrations
APPROVED

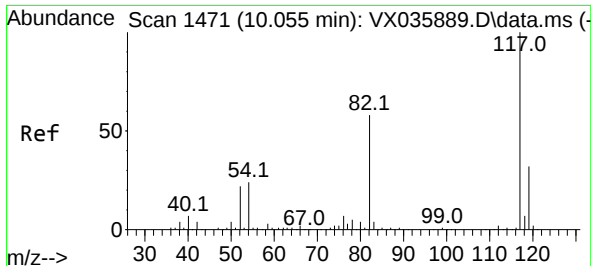
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#62
4-Bromofluorobenzene
Concen: 45.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 95 Resp: 161052
Ion Ratio Lower Upper
95 100
174 70.3 0.0 132.6
176 68.4 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: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 332085

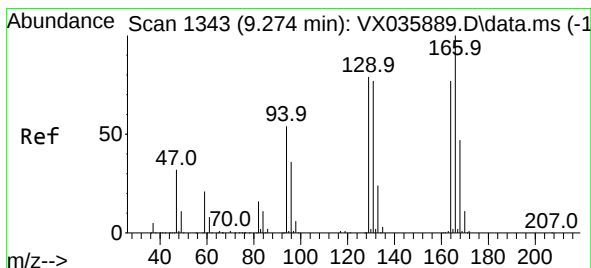
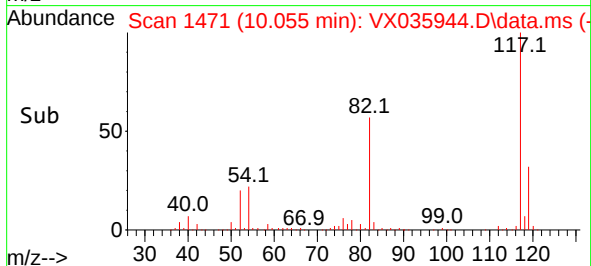
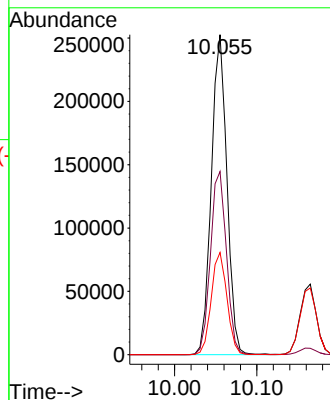
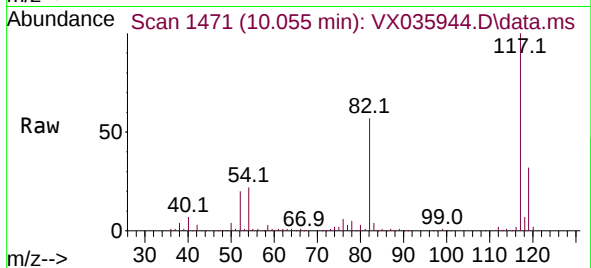
Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.6	69.8
119	32.0	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#64

Tetrachloroethene

Concen: 44.601 ug/l

RT: 9.275 min Scan# 1343

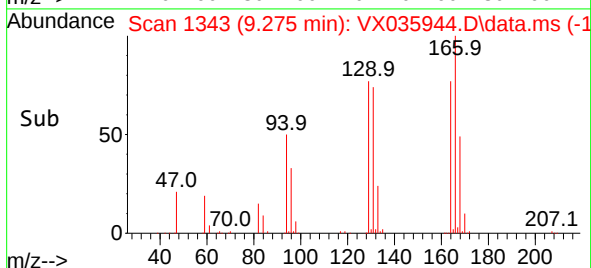
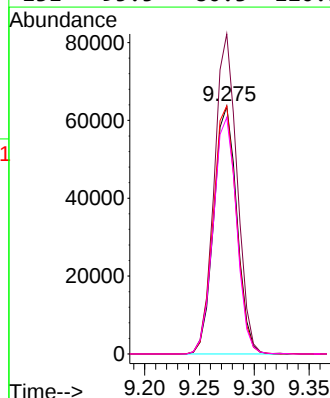
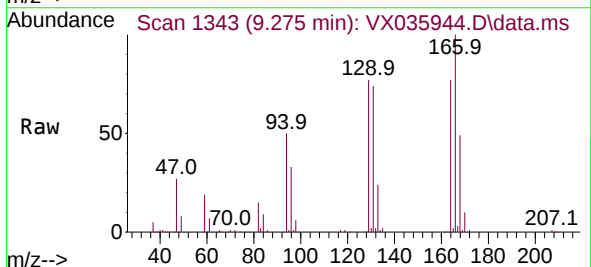
Delta R.T. 0.001 min

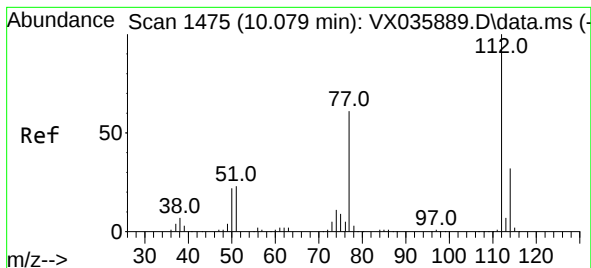
Lab File: VX035944.D

Acq: 31 May 2023 18:19

Tgt Ion:164 Resp: 93075

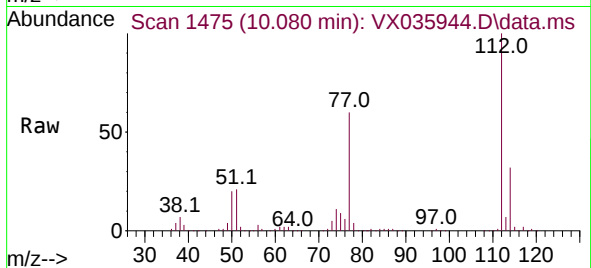
Ion	Ratio	Lower	Upper
164	100		
166	129.2	104.4	156.6
129	100.1	82.0	123.0
131	95.5	80.3	120.5





#65
Chlorobenzene
Concen: 46.804 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

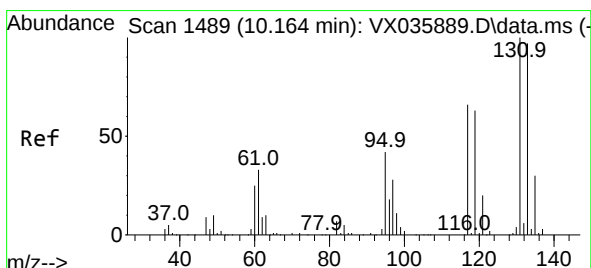
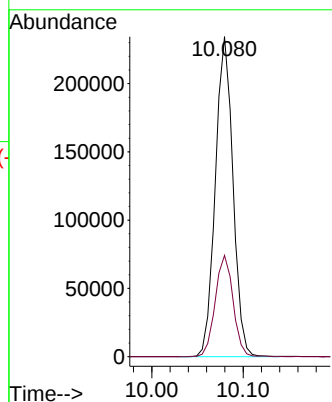
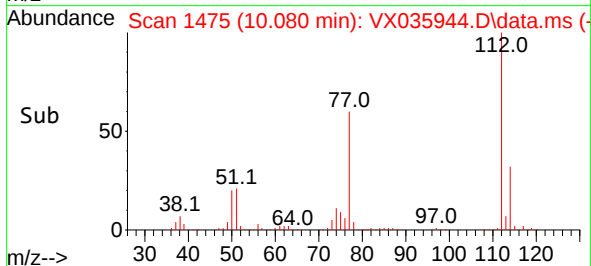
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



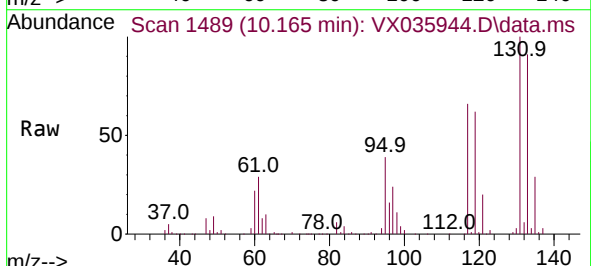
Tgt Ion:112 Resp: 313619
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8

Manual Integrations
APPROVED

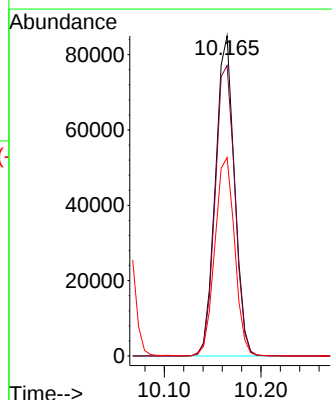
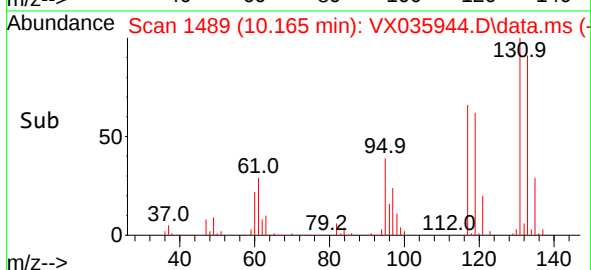
Reviewed By :John Carbone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

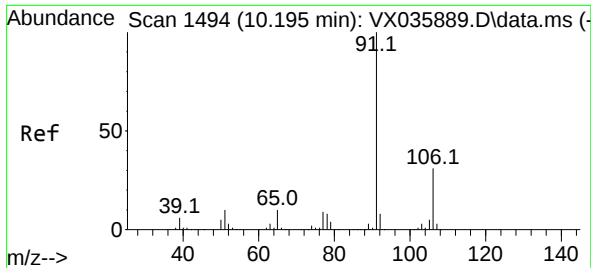


#66
1,1,1,2-Tetrachloroethane
Concen: 49.226 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19



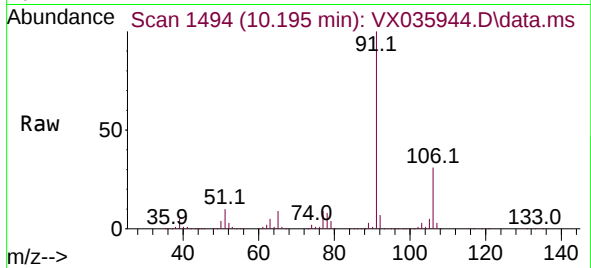
Tgt Ion:131 Resp: 116012
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.3
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 46.705 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

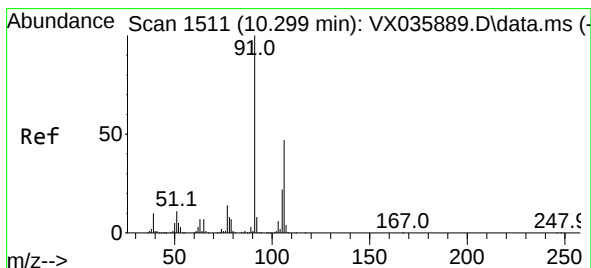
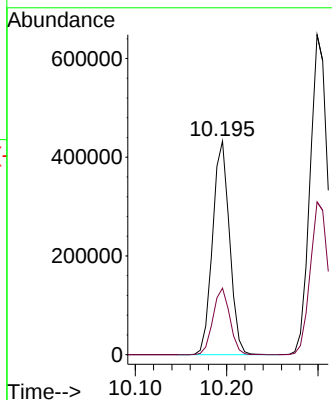
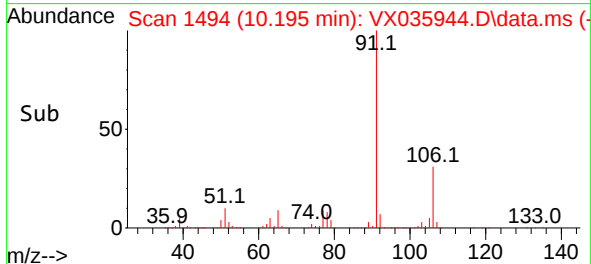
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



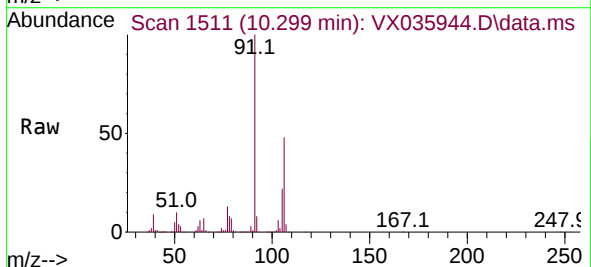
Tgt Ion: 91 Resp: 556983
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

Manual Integrations
APPROVED

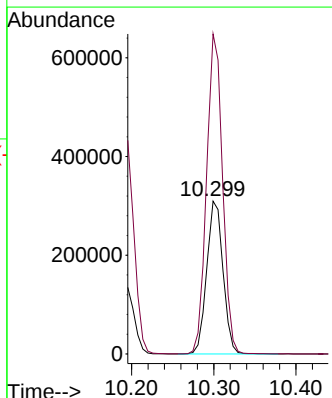
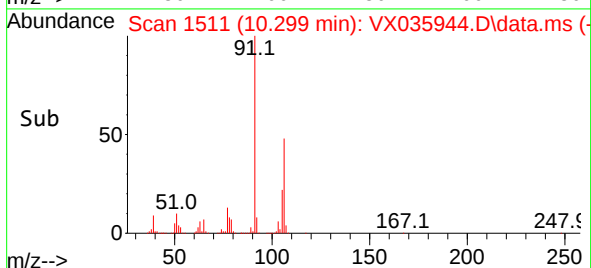
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

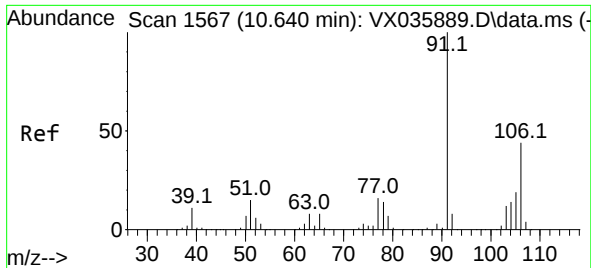


#68
m/p-Xylenes
Concen: 93.939 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19



Tgt Ion:106 Resp: 425006
Ion Ratio Lower Upper
106 100
91 206.2 169.8 254.8





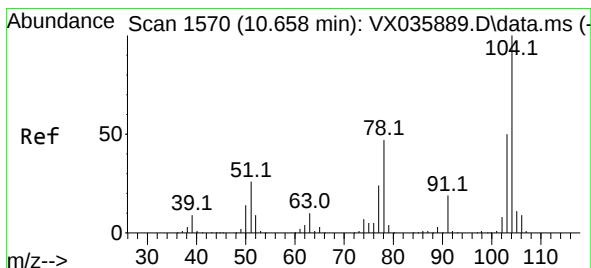
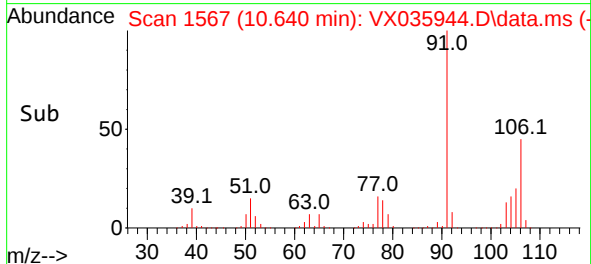
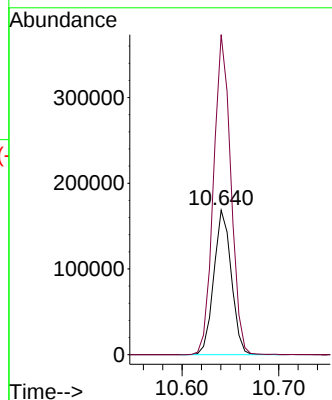
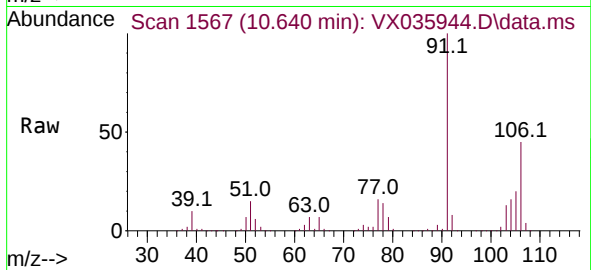
#69
o-Xylene
Concen: 46.587 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 211804
Ion Ratio Lower Upper
106 100
91 219.6 112.5 337.4

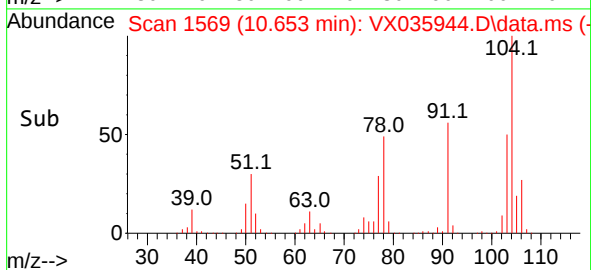
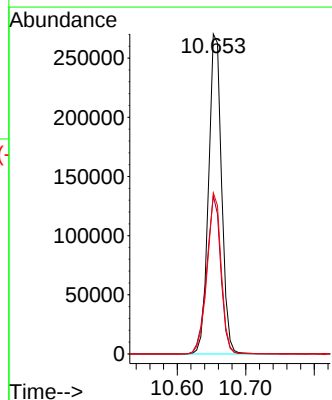
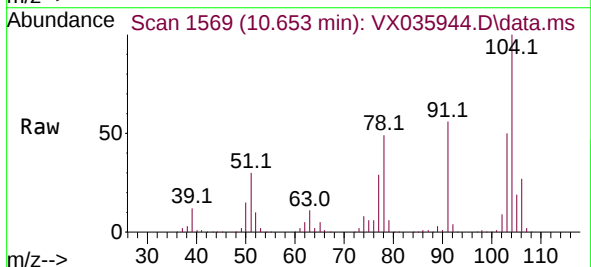
Manual Integrations
APPROVED

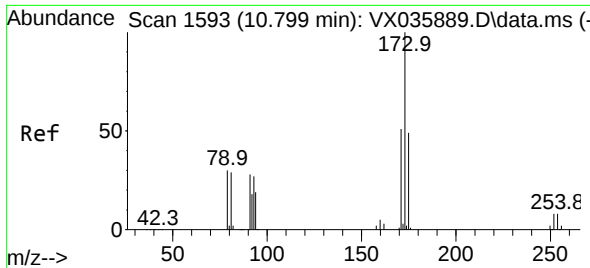
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#70
Styrene
Concen: 48.757 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.005 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

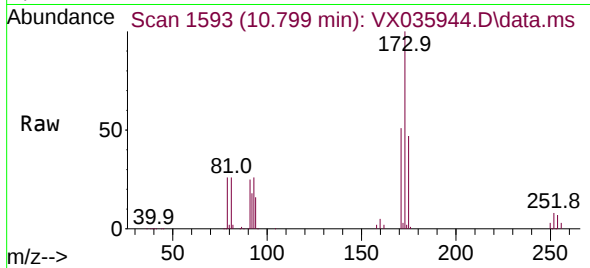
Tgt Ion:104 Resp: 358170
Ion Ratio Lower Upper
104 100
78 53.4 44.7 67.1
103 54.1 44.0 66.0





#71
Bromoform
Concen: 51.915 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

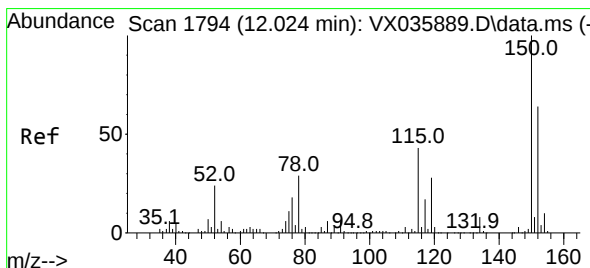
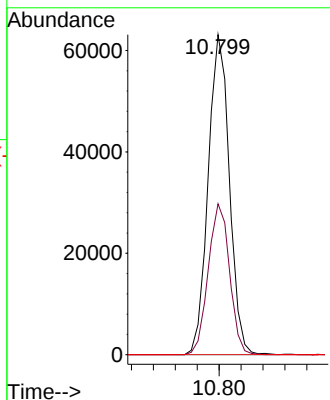
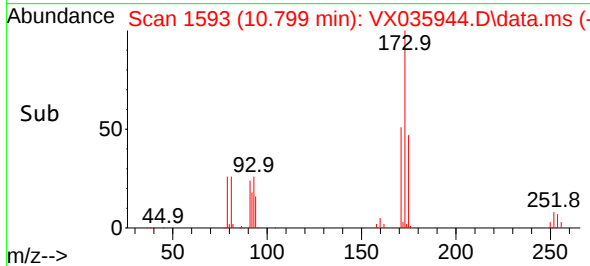
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



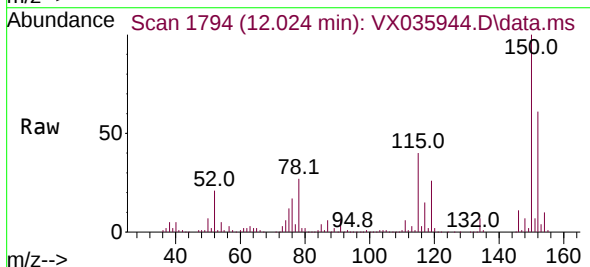
Tgt Ion:173 Resp: 84734
Ion Ratio Lower Upper
173 100
175 47.4 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

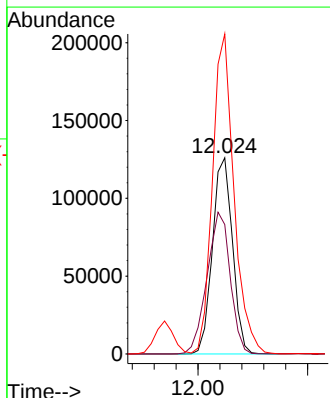
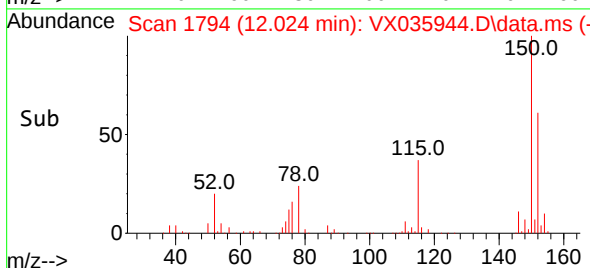
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

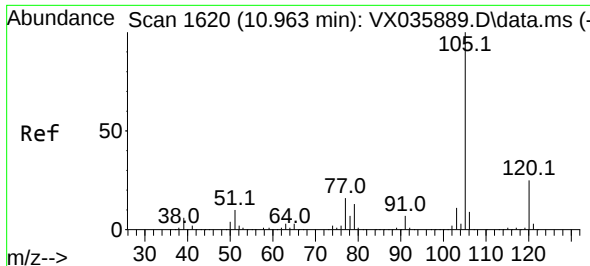


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19



Tgt Ion:152 Resp: 160084
Ion Ratio Lower Upper
152 100
115 83.6 45.5 136.5
150 174.4 0.0 345.2





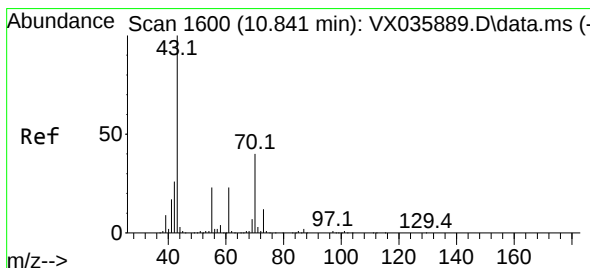
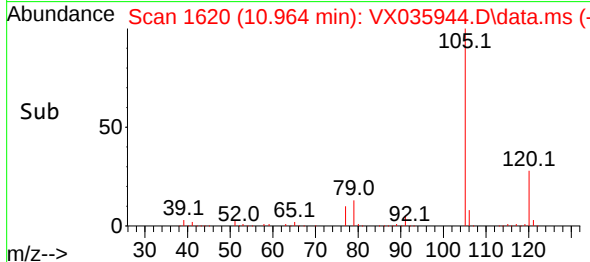
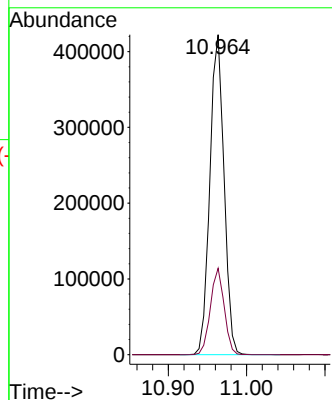
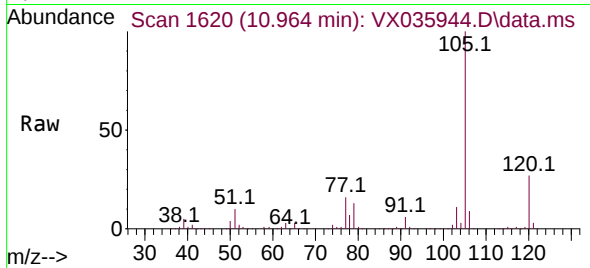
#73
Isopropylbenzene
Concen: 45.534 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 52970
Ion Ratio Lower Upper
105 100
120 26.2 12.7 38.0

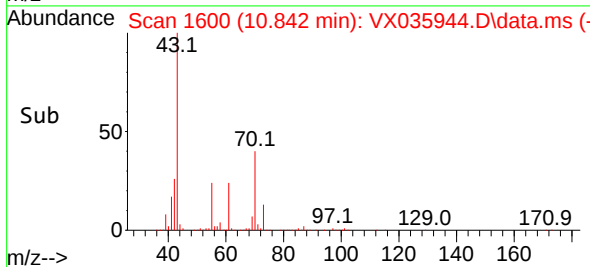
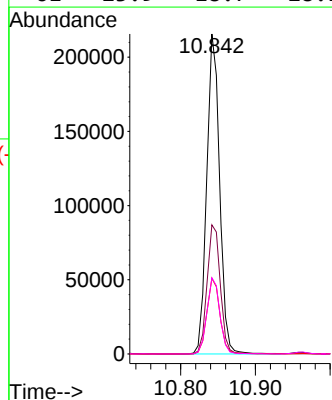
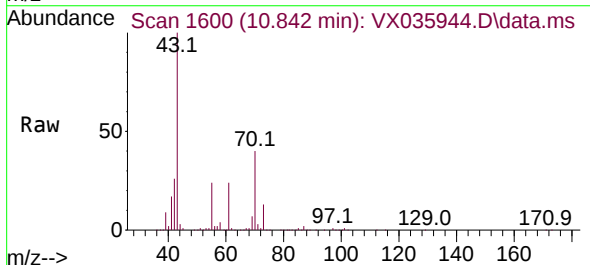
Manual Integrations
APPROVED

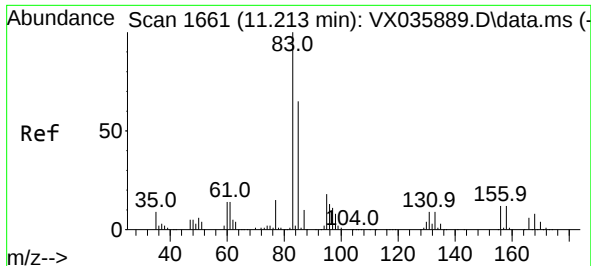
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#74
N-ethyl acetate
Concen: 50.885 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 43 Resp: 258015
Ion Ratio Lower Upper
43 100
70 41.6 32.6 48.8
55 24.0 19.0 28.4
61 23.9 18.7 28.1





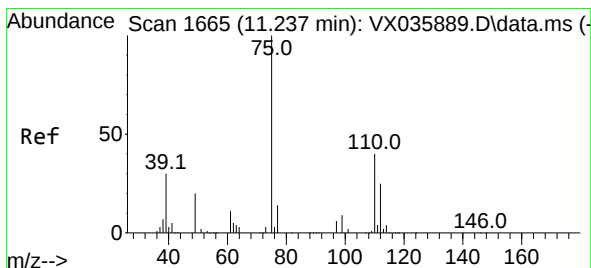
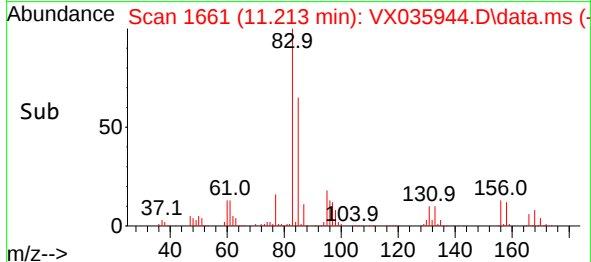
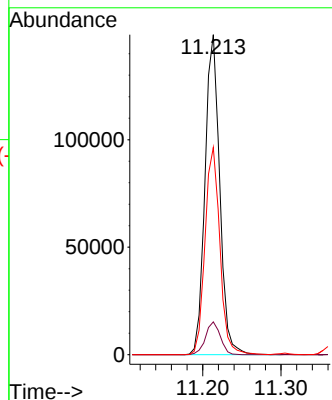
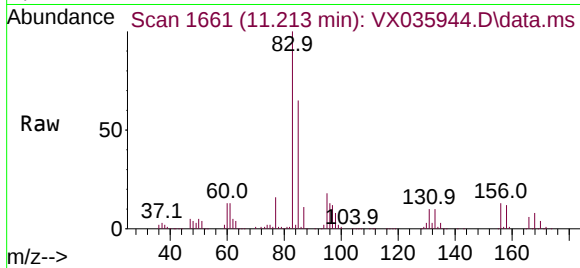
#75
1,1,2,2-Tetrachloroethane
Concen: 48.657 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 193629
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 65.4 32.4 97.0

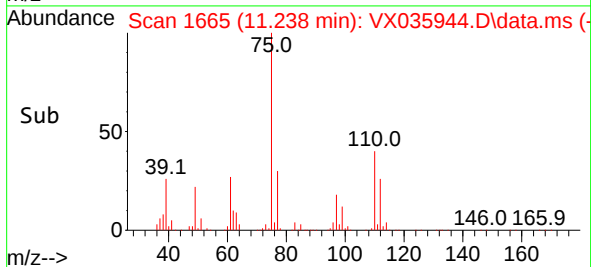
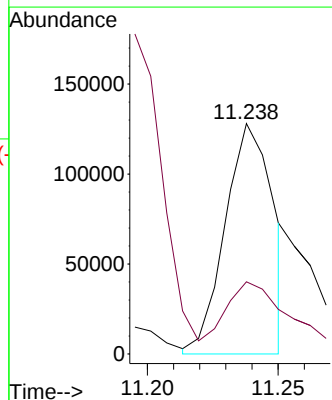
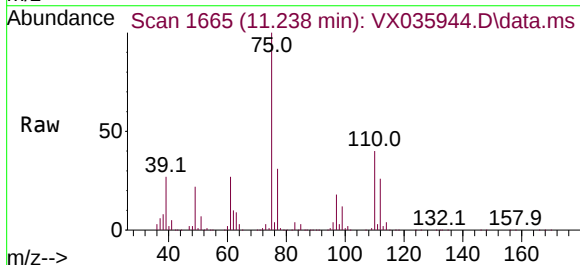
Manual Integrations
APPROVED

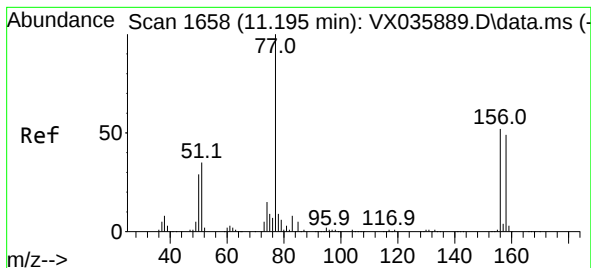
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#76
1,2,3-Trichloropropane
Concen: 45.480 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 75 Resp: 164209
Ion Ratio Lower Upper
75 100
77 42.8 21.4 64.2





#77

Bromobenzene

Concen: 45.185 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 12998

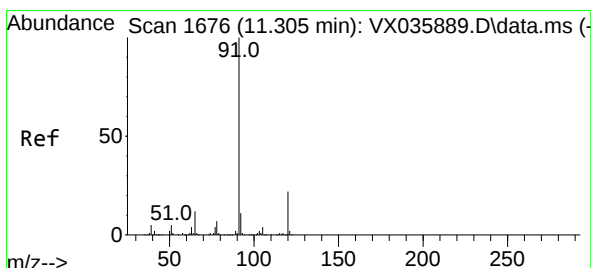
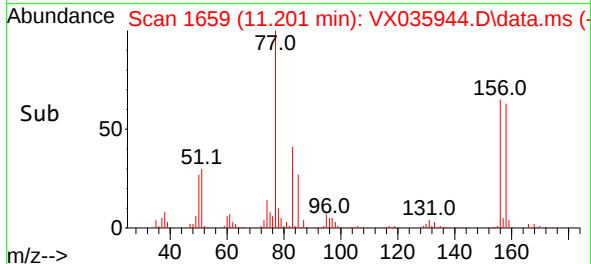
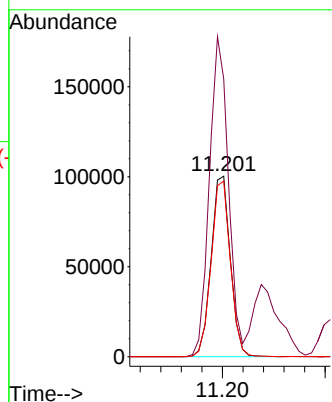
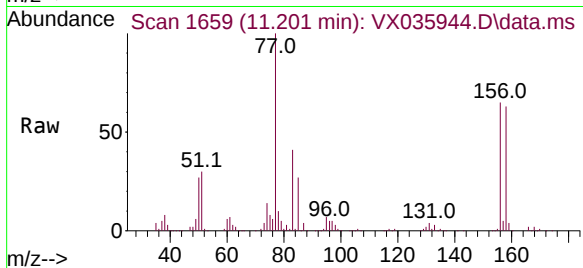
Ion	Ratio	Lower	Upper
156	100		
77	175.4	90.8	272.3
158	97.3	47.4	142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#78

n-propylbenzene

Concen: 46.814 ug/l

RT: 11.305 min Scan# 1676

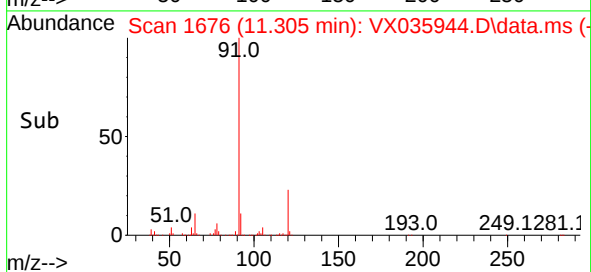
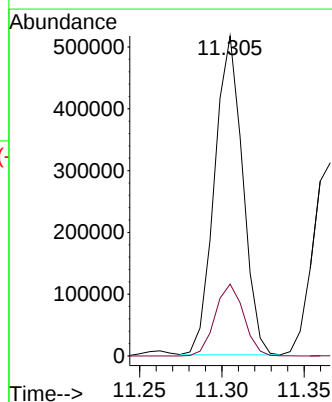
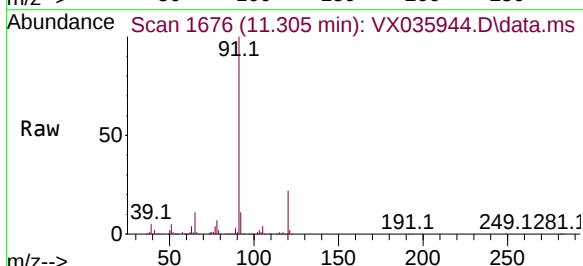
Delta R.T. -0.000 min

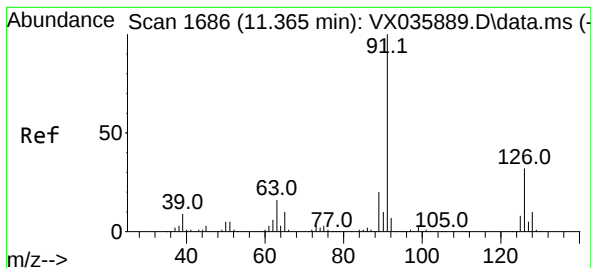
Lab File: VX035944.D

Acq: 31 May 2023 18:19

Tgt Ion: 91 Resp: 614661

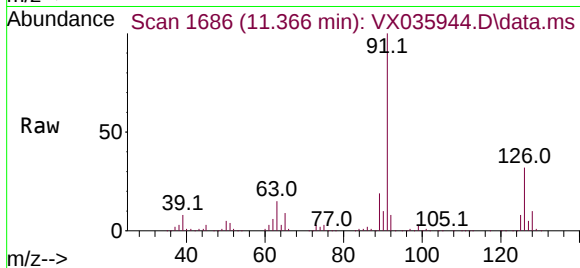
Ion	Ratio	Lower	Upper
91	100		
120	22.9	10.9	32.9





#79
2-Chlorotoluene
Concen: 45.594 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

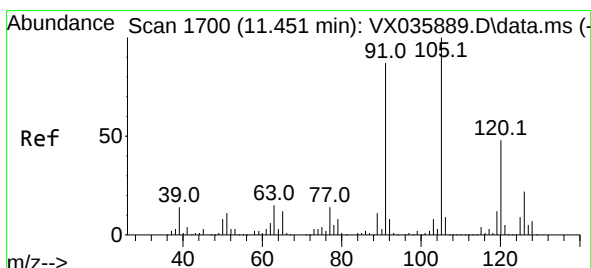
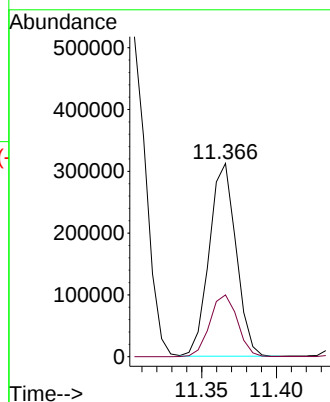
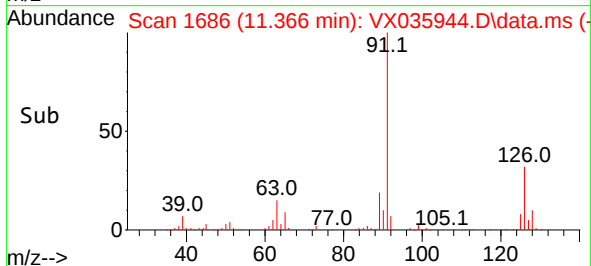
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



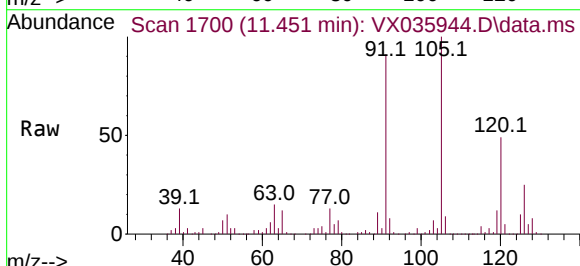
Tgt Ion: 91 Resp: 389869
Ion Ratio Lower Upper
91 100
126 32.9 15.8 47.4

Manual Integrations
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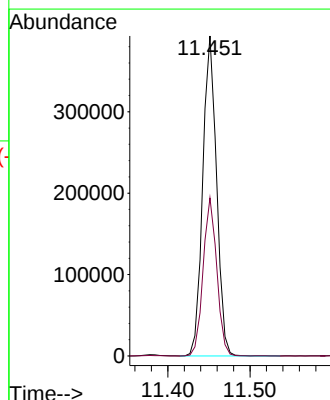
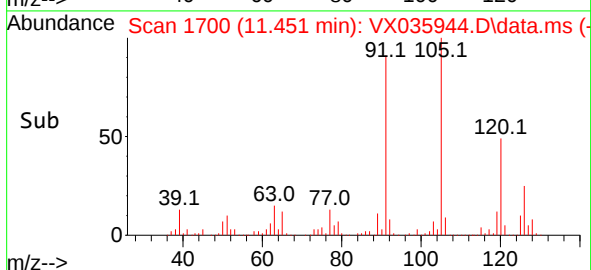
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

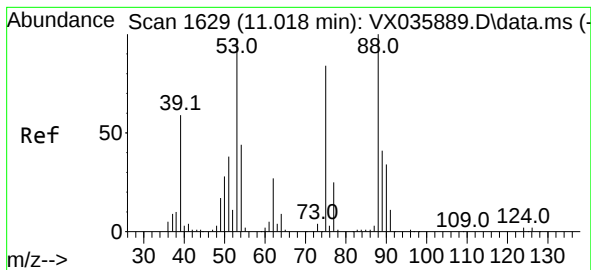


#80
1,3,5-Trimethylbenzene
Concen: 46.735 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19



Tgt Ion:105 Resp: 458378
Ion Ratio Lower Upper
105 100
120 48.9 23.8 71.4





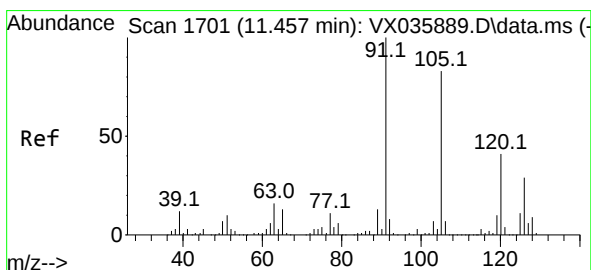
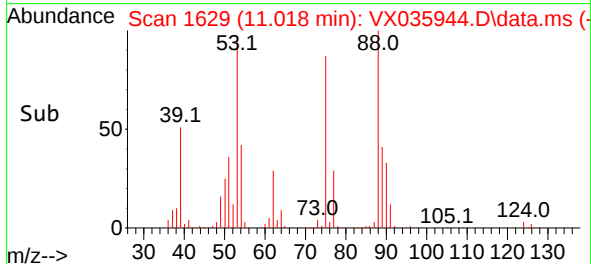
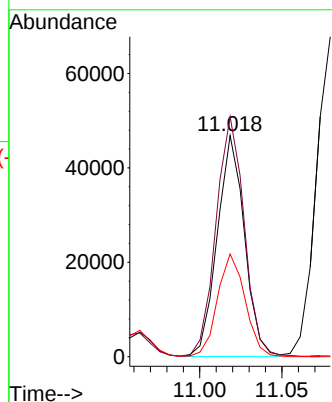
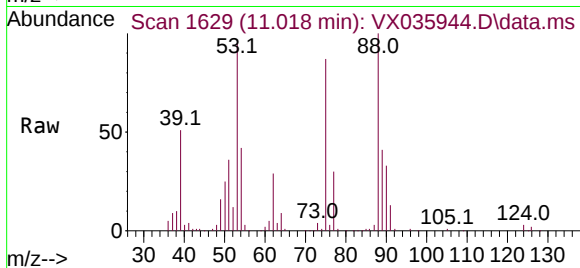
#81
trans-1,4-Dichloro-2-butene
Concen: 50.228 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5384
Ion Ratio Lower Upper
75 100
53 112.1 95.2 142.8
89 47.2 38.0 57.0

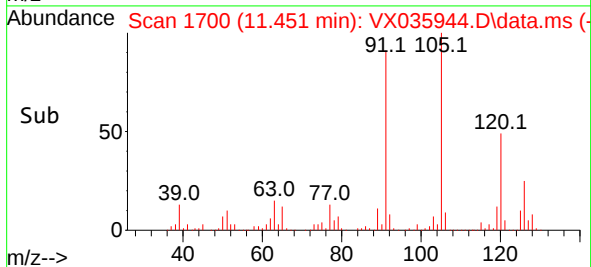
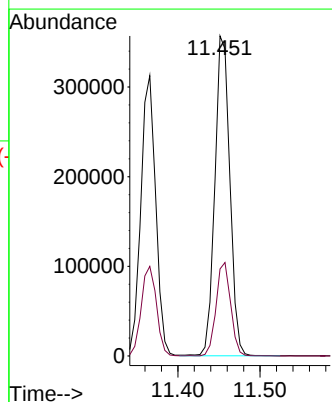
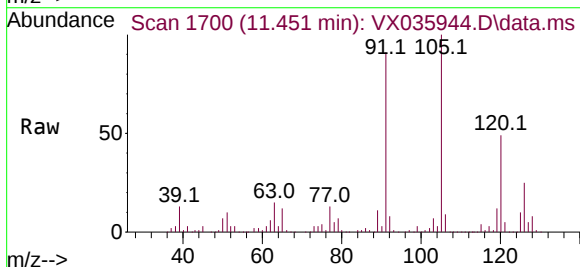
Manual Integrations
APPROVED

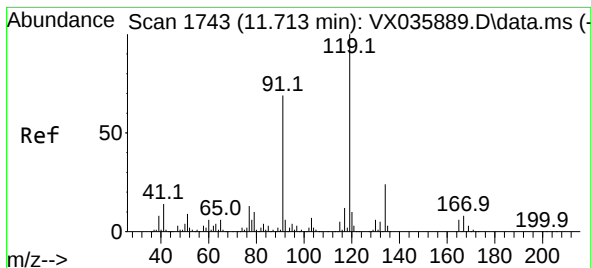
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#82
4-Chlorotoluene
Concen: 46.081 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Tgt Ion: 91 Resp: 452254
Ion Ratio Lower Upper
91 100
126 28.4 13.7 41.0





#83

tert-Butylbenzene

Concen: 46.607 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

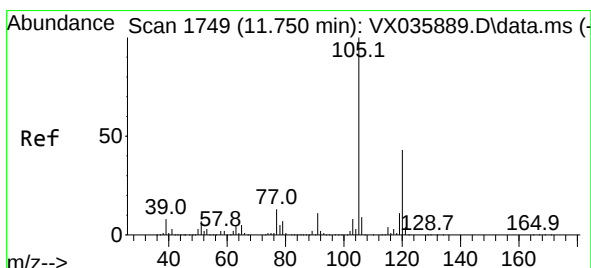
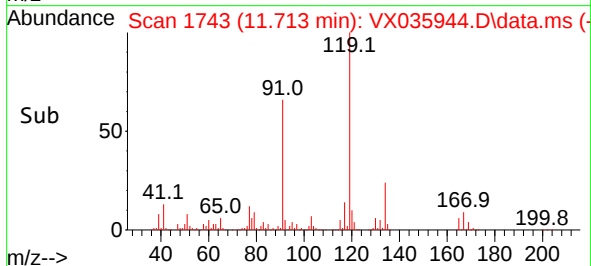
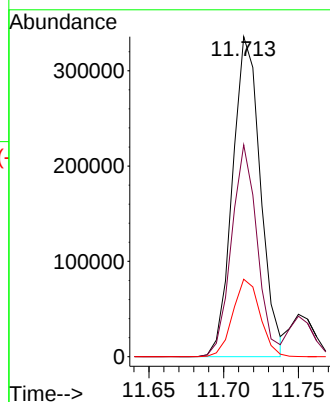
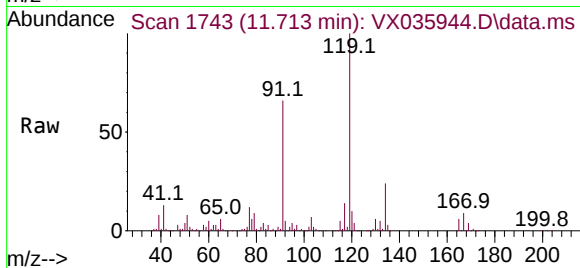
Tgt Ion:119 Resp: 43671
 Ion Ratio Lower Upper
 119 100
 91 61.0 32.4 97.0
 134 23.6 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#84

1,2,4-Trimethylbenzene

Concen: 46.313 ug/l

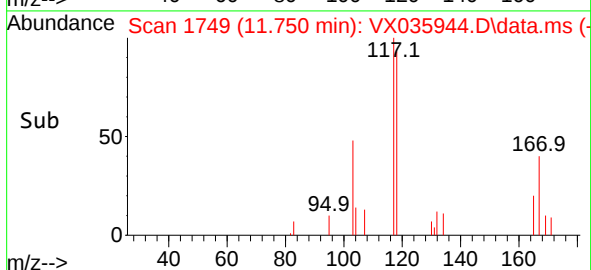
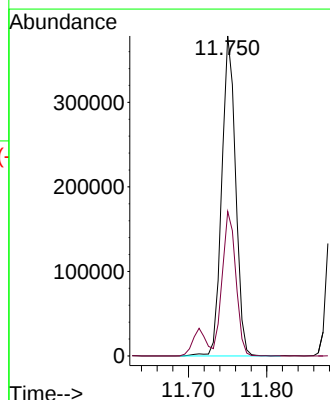
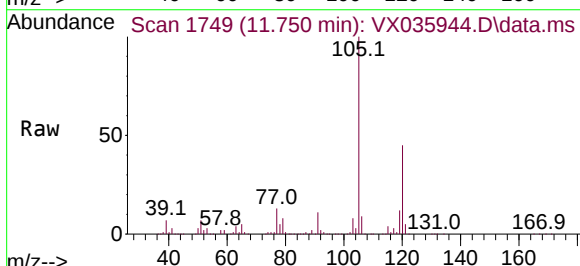
RT: 11.750 min Scan# 1749

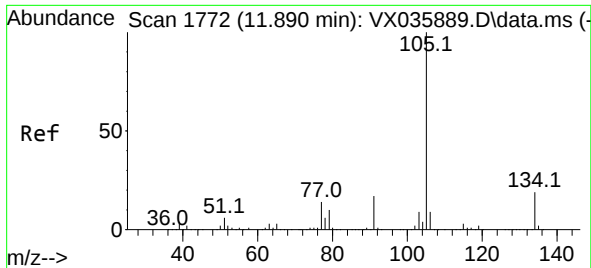
Delta R.T. -0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

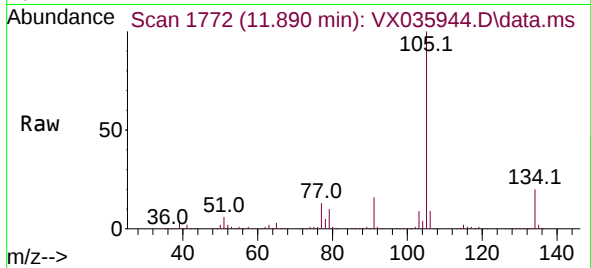
Tgt Ion:105 Resp: 466169
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 47.218 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035944.D
 Acq: 31 May 2023 18:19

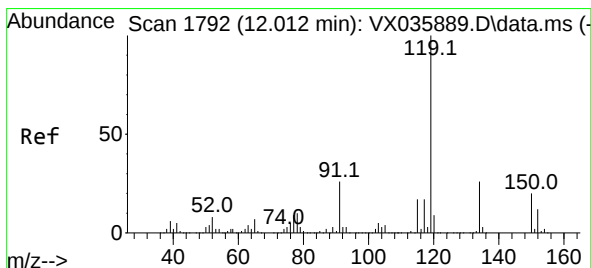
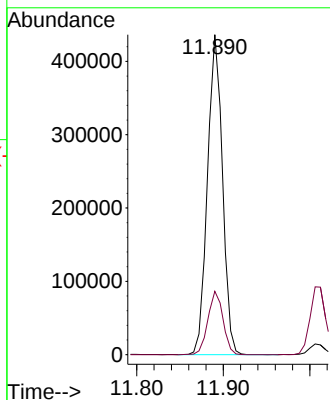
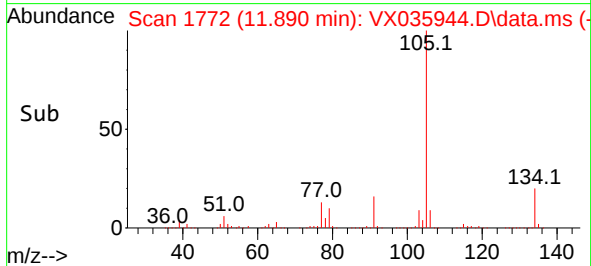
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



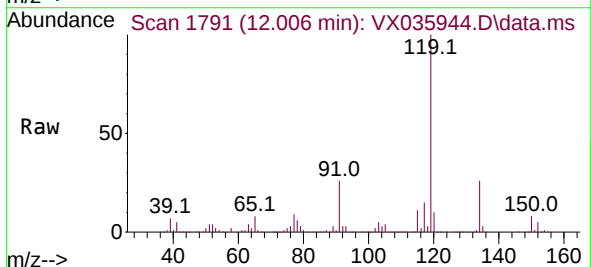
Tgt Ion:105 Resp: 524789
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9

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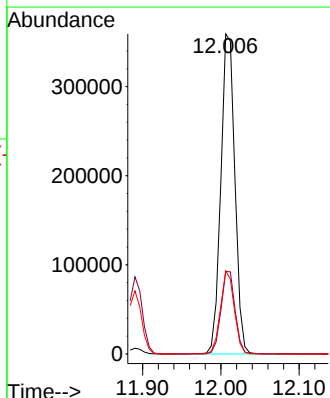
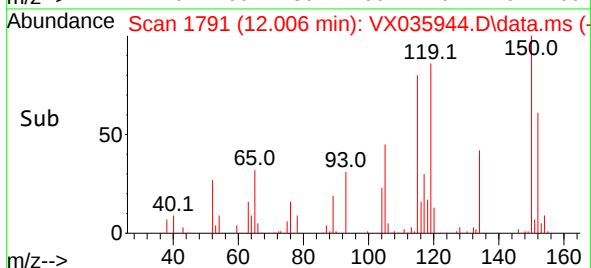
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

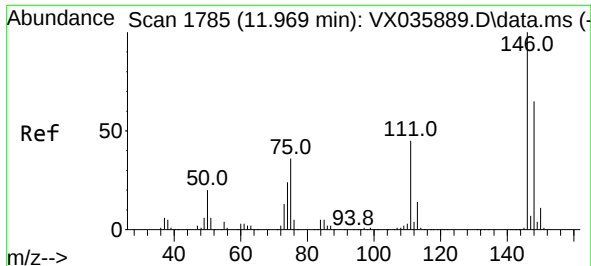


#86
 p-Isopropyltoluene
 Concen: 47.335 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX035944.D
 Acq: 31 May 2023 18:19



Tgt Ion:119 Resp: 449790
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 25.4 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 46.801 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 246630

Ion Ratio Lower Upper

146 100

111 43.1 22.6 67.7

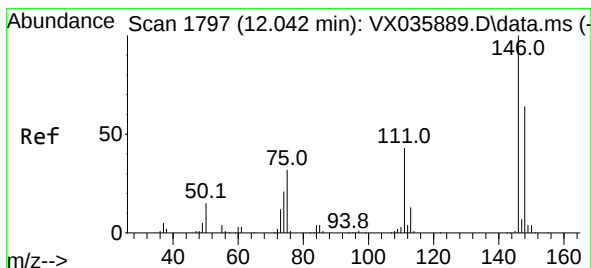
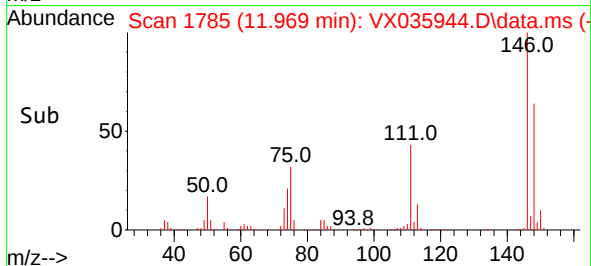
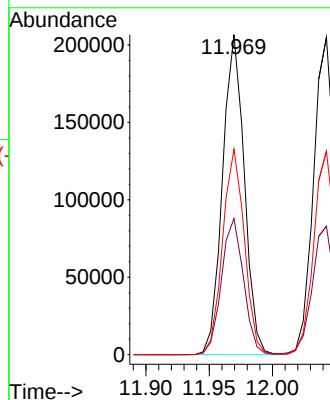
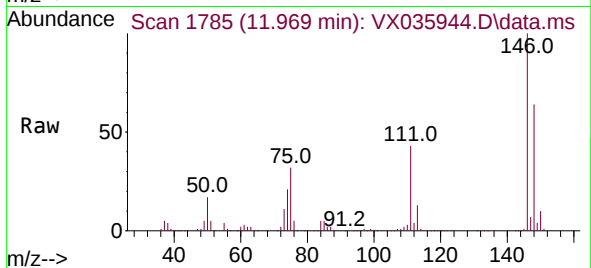
148 64.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#88

1,4-Dichlorobenzene

Concen: 44.767 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

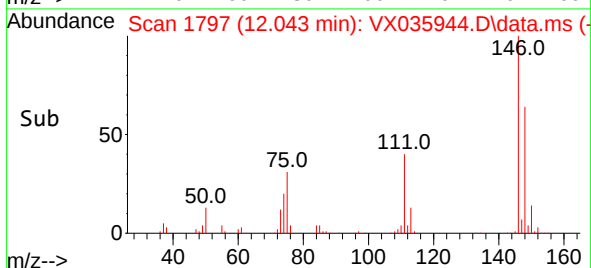
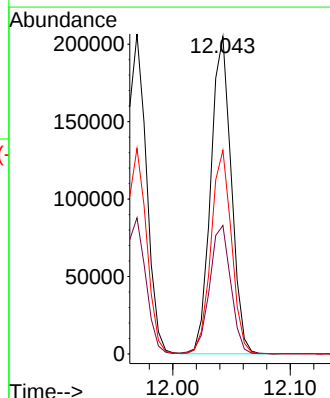
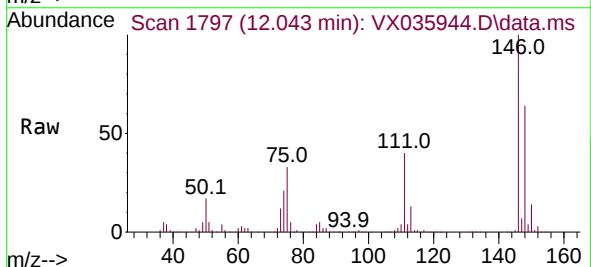
Tgt Ion:146 Resp: 248516

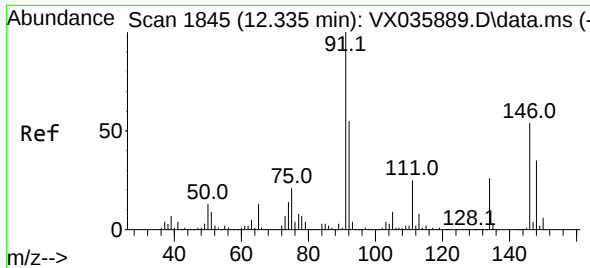
Ion Ratio Lower Upper

146 100

111 42.1 21.8 65.3

148 64.5 31.9 95.7





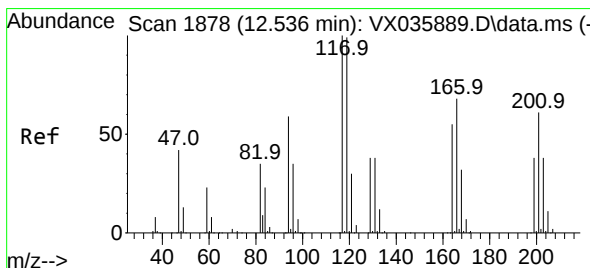
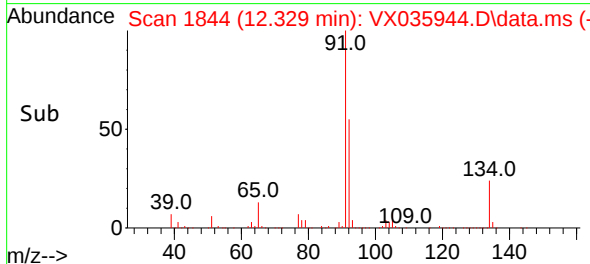
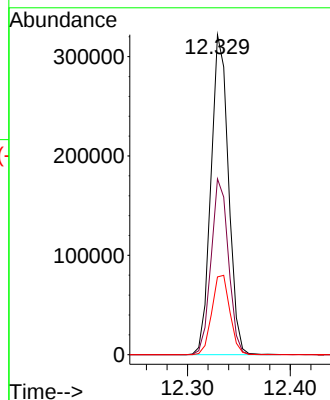
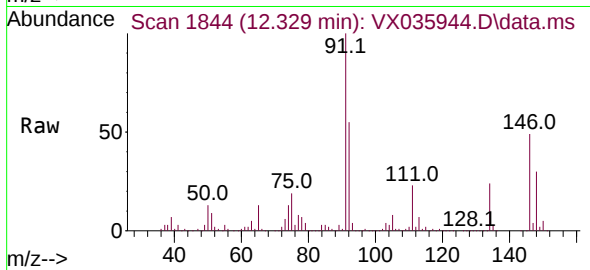
#89
n-Butylbenzene
Concen: 47.345 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 38007
Ion Ratio Lower Upper
91 100
92 54.4 27.3 81.8
134 25.6 12.4 37.0

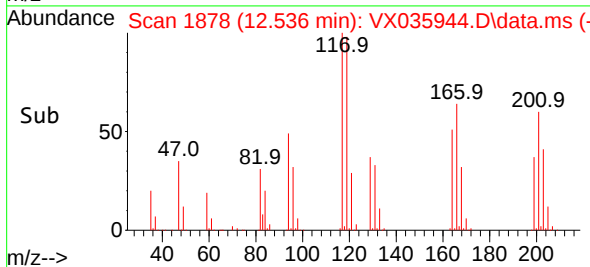
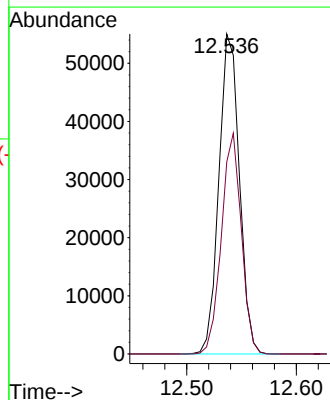
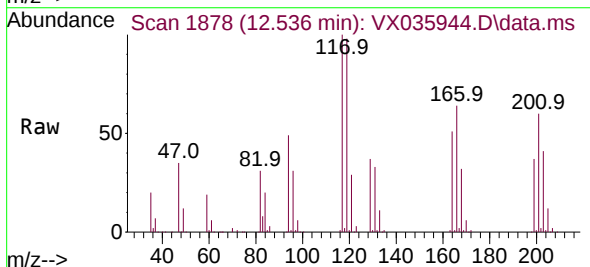
Manual Integrations
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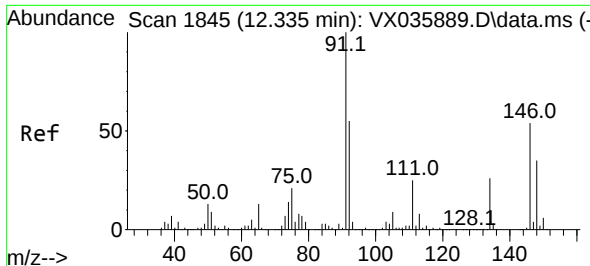
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#90
Hexachloroethane
Concen: 47.482 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

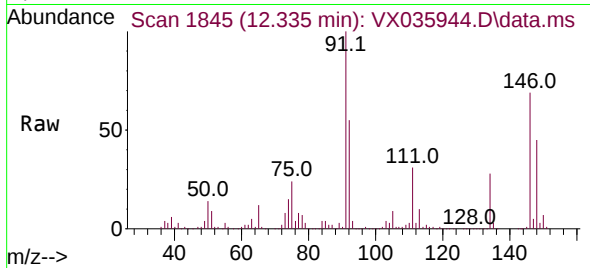
Tgt Ion:117 Resp: 71547
Ion Ratio Lower Upper
117 100
201 67.2 32.7 98.1





#91
1,2-Dichlorobenzene
Concen: 47.501 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19

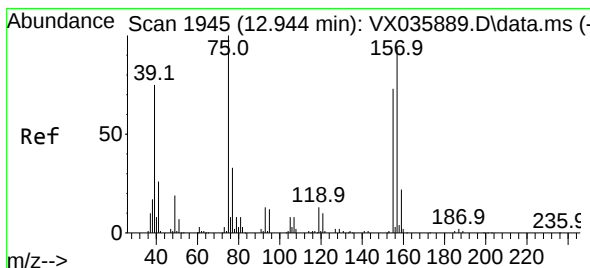
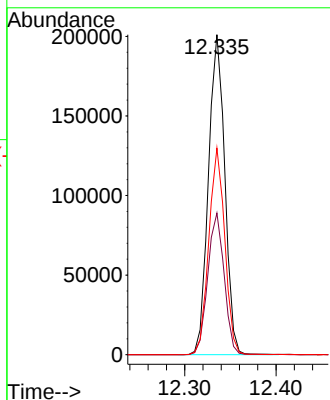
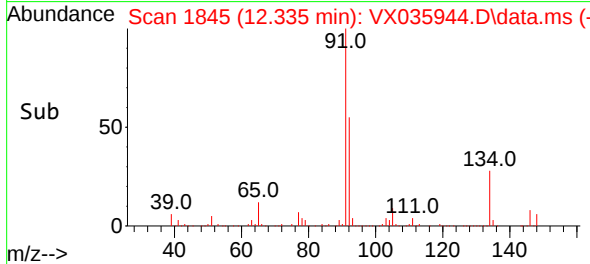
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



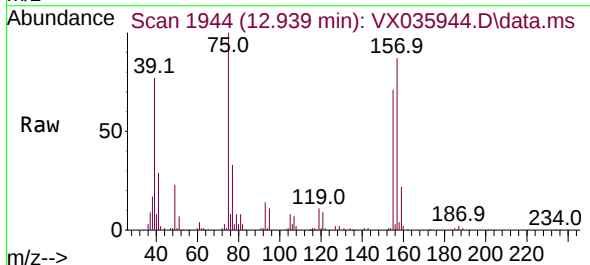
Tgt Ion:146 Resp: 24918
Ion Ratio Lower Upper
146 100
111 44.3 23.3 69.9
148 63.2 31.9 95.7

Manual Integrations
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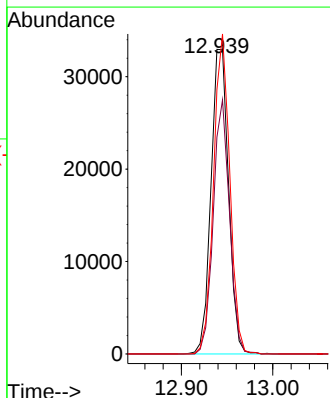
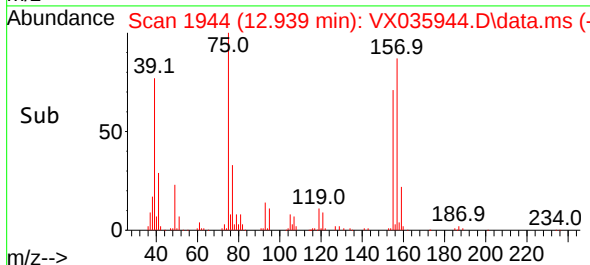
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

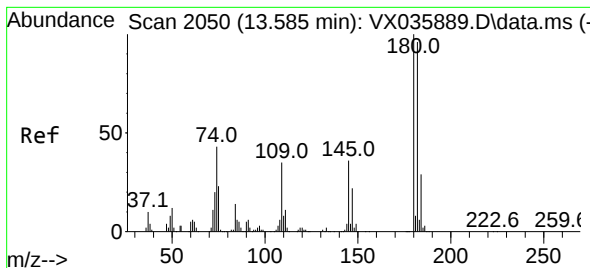


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.584 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX035944.D
Acq: 31 May 2023 18:19



Tgt Ion: 75 Resp: 44005
Ion Ratio Lower Upper
75 100
155 77.1 35.3 105.7
157 96.9 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 46.558 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 14213

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

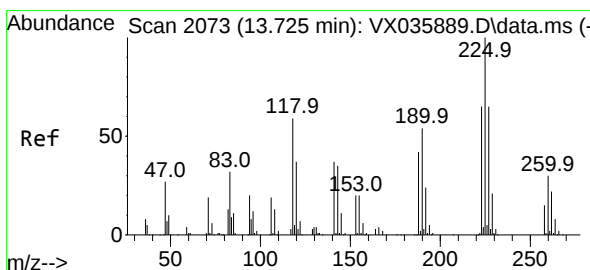
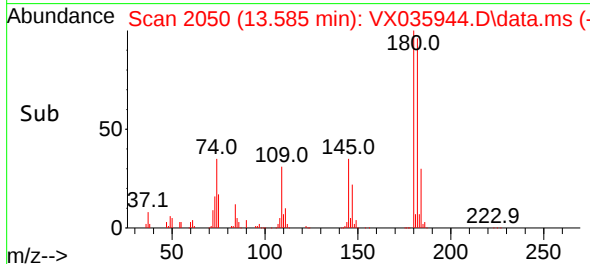
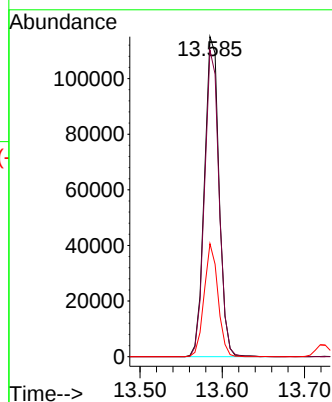
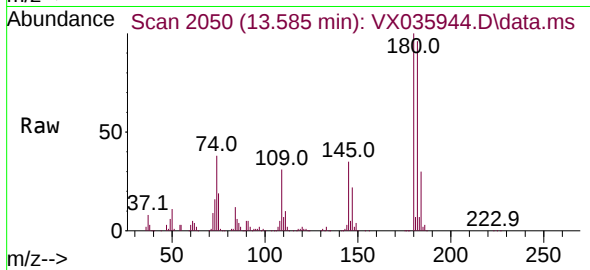
145 33.4 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#94

Hexachlorobutadiene

Concen: 44.626 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

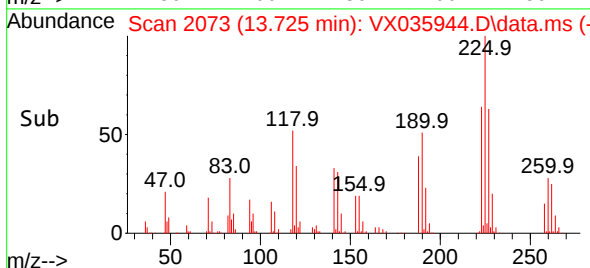
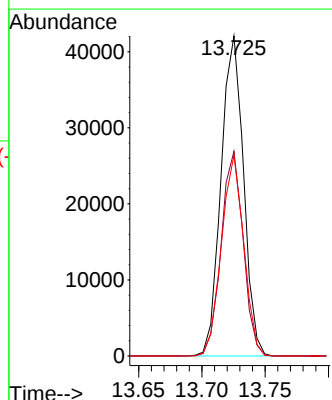
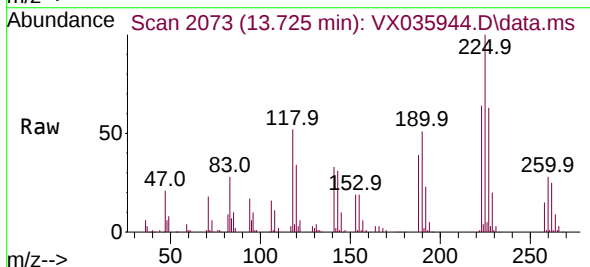
Tgt Ion:225 Resp: 51824

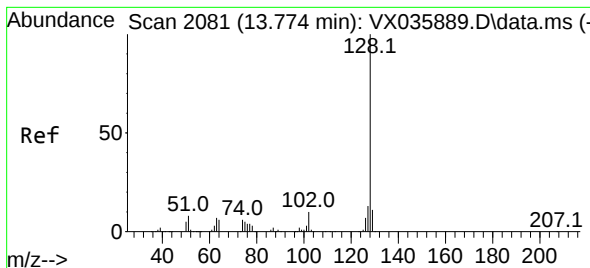
Ion Ratio Lower Upper

225 100

223 62.5 32.6 97.7

227 62.2 31.9 95.7





#95

Naphthalene

Concen: 49.610 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

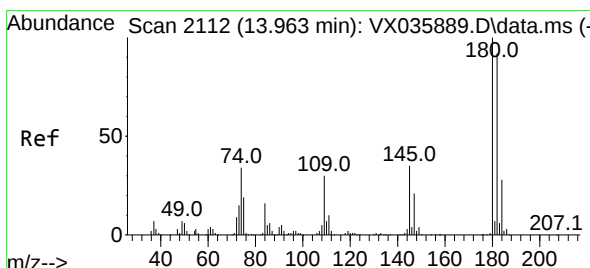
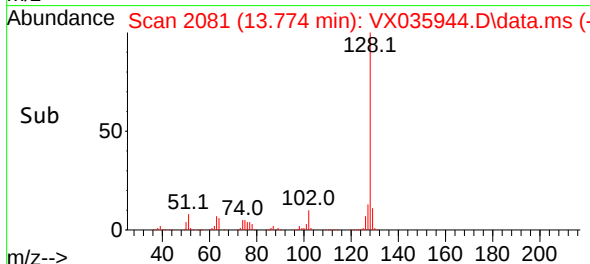
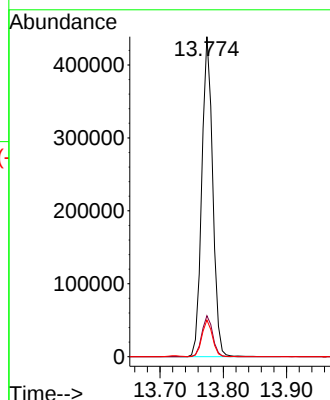
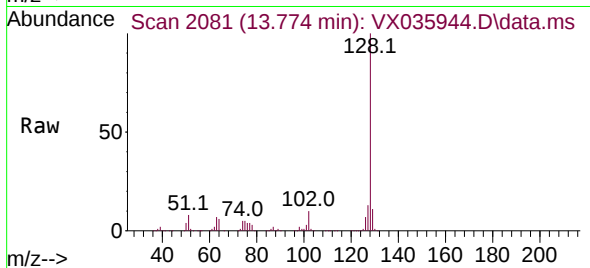
Tgt Ion:	128	Resp:	527120
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#96

1,2,3-Trichlorobenzene

Concen: 46.450 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035944.D

Acq: 31 May 2023 18:19

Tgt Ion:	180	Resp:	139877
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.9	140.7
145	36.4	18.1	54.3

