

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031804.D
 Acq On : 30 Sep 2022 06:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Sep 30 08:11:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	86957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73670	39.917	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.840%		
35) Dibromofluoromethane	5.391	113	72369	47.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	8.653	98	254176	45.958	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.920%		
62) 4-Bromofluorobenzene	11.079	95	99334	49.004	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54556	51.552	ug/l	98
3) Chloromethane	1.288	50	42159	44.797	ug/l	96
4) Vinyl Chloride	1.368	62	59134	40.603	ug/l	99
5) Bromomethane	1.611	94	46523	33.717	ug/l	99
6) Chloroethane	1.685	64	57500	32.778	ug/l	95
7) Trichlorofluoromethane	1.886	101	129971	35.091	ug/l	99
8) Diethyl Ether	2.130	74	44000	42.498	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	60026	51.930	ug/l	90
10) Methyl Iodide	2.453	142	58801	51.899	ug/l	99
11) Tert butyl alcohol	3.008	59	62969	267.668	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	53452	60.818	ug/l #	81
13) Acrolein	2.239	56	26534	239.485	ug/l	98
14) Allyl chloride	2.666	41	65631	43.156	ug/l #	94
15) Acrylonitrile	3.069	53	142539	222.538	ug/l	98
16) Acetone	2.392	43	112052	263.219	ug/l	91
17) Carbon Disulfide	2.508	76	96467	49.771	ug/l	99
18) Methyl Acetate	2.703	43	72782	43.885	ug/l #	84
19) Methyl tert-butyl Ether	3.111	73	199568	48.617	ug/l	96
20) Methylene Chloride	2.788	84	63147	54.250	ug/l #	81
21) trans-1,2-Dichloroethene	3.087	96	61903	48.443	ug/l	87
22) Diisopropyl ether	3.757	45	164353	41.991	ug/l #	86
23) Vinyl Acetate	3.721	43	650586	210.174	ug/l #	88
24) 1,1-Dichloroethane	3.611	63	102999	45.645	ug/l	96
25) 2-Butanone	4.568	43	182037	206.639	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	60847	33.223	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	78151	49.937	ug/l	79
28) Bromochloromethane	4.898	49	40453	38.323	ug/l #	49
29) Tetrahydrofuran	5.013	42	114792	207.427	ug/l #	80
30) Chloroform	5.093	83	130037	46.844	ug/l	100
31) Cyclohexane	5.471	56	77373	44.092	ug/l #	82
32) 1,1,1-Trichloroethane	5.385	97	115666	50.308	ug/l	95
36) 1,1-Dichloropropene	5.696	75	82835	47.282	ug/l	94
37) Ethyl Acetate	4.715	43	73674	41.692	ug/l #	93
38) Carbon Tetrachloride	5.678	117	105650	53.509	ug/l	97
39) Methylcyclohexane	7.385	83	94621	47.403	ug/l #	85
40) Benzene	6.038	78	254416	47.282	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38768	43.115	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	92728	44.559	ug/l	96
43) Isopropyl Acetate	6.342	43	119187	42.854	ug/l #	91
44) Trichloroethene	7.129	130	81481	53.613	ug/l	85
45) 1,2-Dichloropropane	7.428	63	60005	45.949	ug/l	96
46) Dibromomethane	7.586	93	51950	49.535	ug/l #	86
47) Bromodichloromethane	7.824	83	98692	52.149	ug/l	96
48) Methyl methacrylate	7.696	41	55765	45.591	ug/l #	82
49) 1,4-Dioxane	7.702	88	34218	1156.402	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	386953	219.804	ug/l	90
52) Toluene	8.720	92	184030	51.309	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	91445	42.145	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	100171	50.932	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	80372	52.046	ug/l	97
56) Ethyl methacrylate	9.116	69	103551	52.411	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	118349	48.393	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	235891	242.464	ug/l #	81
59) 2-Hexanone	9.433	43	289115	220.113	ug/l	88
60) Dibromochloromethane	9.525	129	91172	50.547	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86242	55.016	ug/l	96
64) Tetrachloroethene	9.275	164	86119	54.986	ug/l	94
65) Chlorobenzene	10.079	112	219670	53.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	86559	58.931	ug/l	97
67) Ethyl Benzene	10.195	91	357691	51.509	ug/l	96
68) m/p-Xylenes	10.305	106	301112	107.918	ug/l	92
69) o-Xylene	10.640	106	146505	53.720	ug/l	93
70) Styrene	10.659	104	244056	54.976	ug/l	95
71) Bromoform	10.799	173	66638	52.672	ug/l #	99
73) Isopropylbenzene	10.963	105	392963	50.449	ug/l	97
74) N-amyl acetate	10.842	43	108253	42.844	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	116030	46.881	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	98590m	45.151	ug/l	
77) Bromobenzene	11.201	156	106280	53.673	ug/l	82
78) n-propylbenzene	11.305	91	426175	49.168	ug/l	95
79) 2-Chlorotoluene	11.366	91	253197	47.305	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	335354	50.789	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	25003	39.629	ug/l	98
82) 4-Chlorotoluene	11.457	91	297455	48.104	ug/l	92
83) tert-Butylbenzene	11.713	119	348011	54.655	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	337837	51.691	ug/l	96
85) sec-Butylbenzene	11.890	105	412531	50.980	ug/l	96
86) p-Isopropyltoluene	12.012	119	363456	52.084	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	207174	53.969	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	210378	52.356	ug/l	97
89) n-Butylbenzene	12.335	91	270116	47.385	ug/l	96
90) Hexachloroethane	12.536	117	57982	51.817	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	207610	54.005	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23804	47.997	ug/l	63
93) 1,2,4-Trichlorobenzene	13.591	180	129154	57.450	ug/l	99
94) Hexachlorobutadiene	13.725	225	48672	55.522	ug/l	97
95) Naphthalene	13.774	128	428822	57.105	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129724	56.225	ug/l	98

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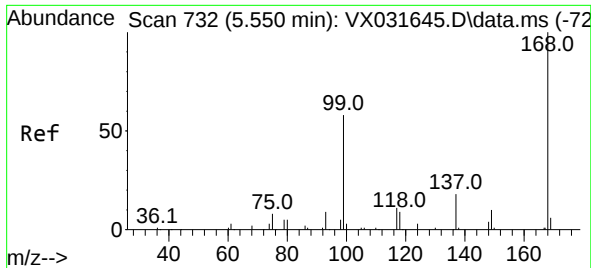
Manual Integrations
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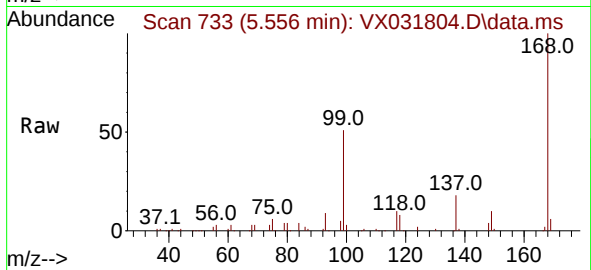
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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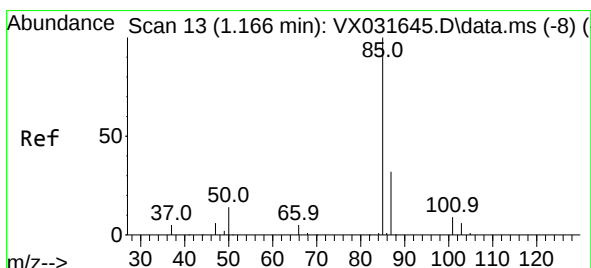
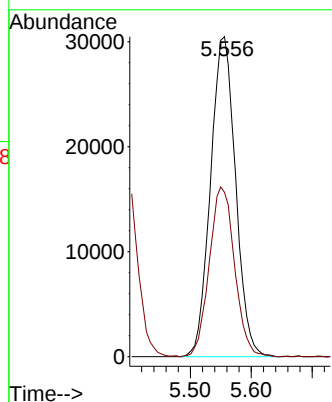
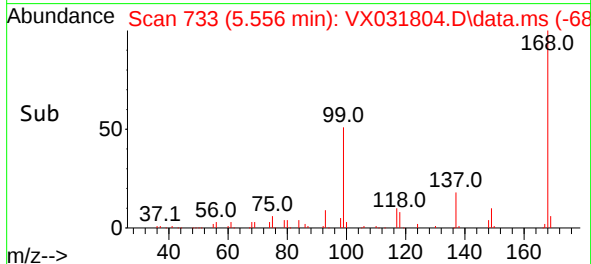
Instrument :
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Tgt Ion:168 Resp: 8695
Ion Ratio Lower Upper
168 100
99 51.3 48.8 73.2

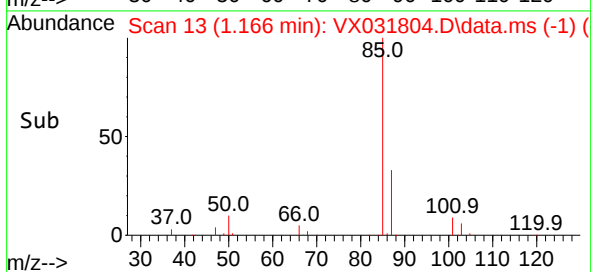
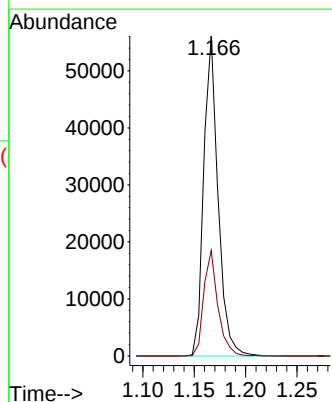
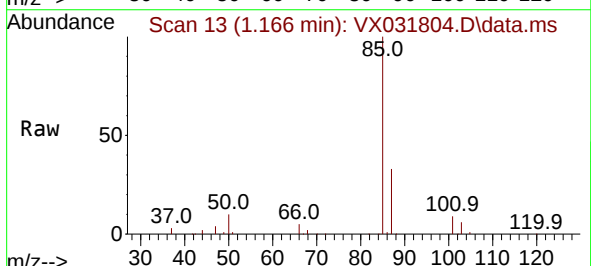
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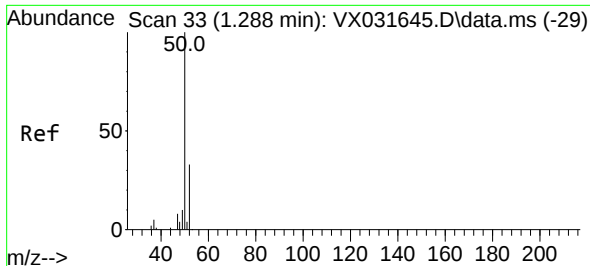
Reviewed By :John Carlone 09/30/2022
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#2
Dichlorodifluoromethane
Concen: 51.552 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

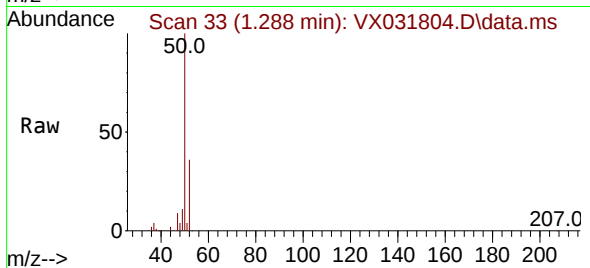
Tgt Ion: 85 Resp: 54556
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 44.797 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

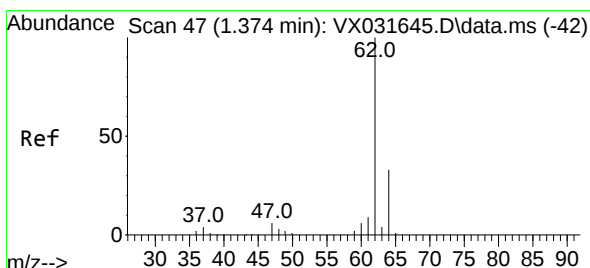
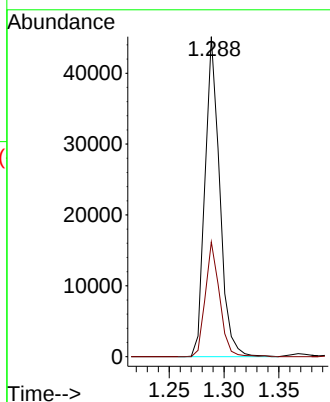
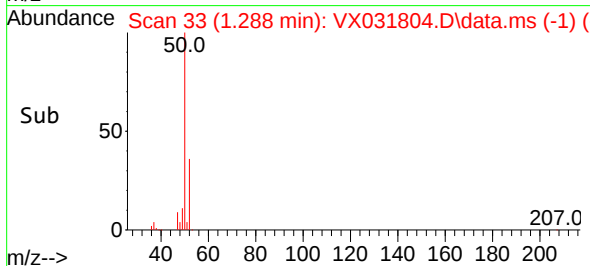
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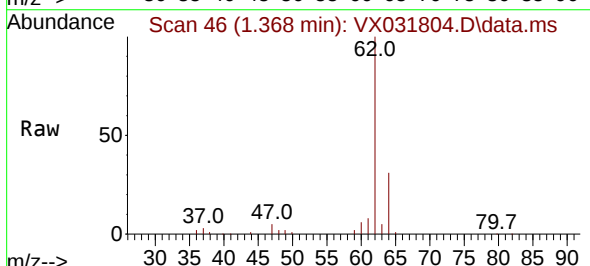
Tgt Ion: 50 Resp: 42159
Ion Ratio Lower Upper
50 100
52 35.9 26.9 40.3

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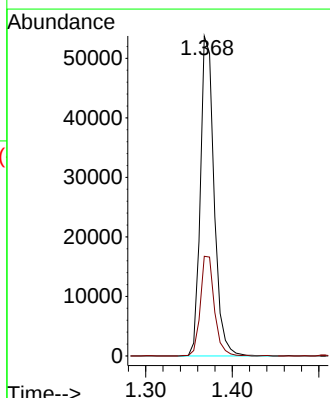
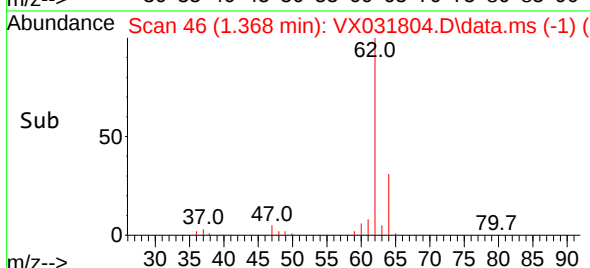
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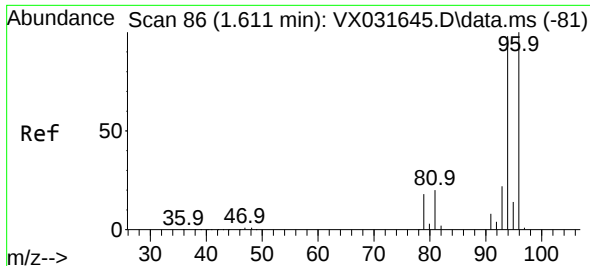


#4
Vinyl Chloride
Concen: 40.603 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



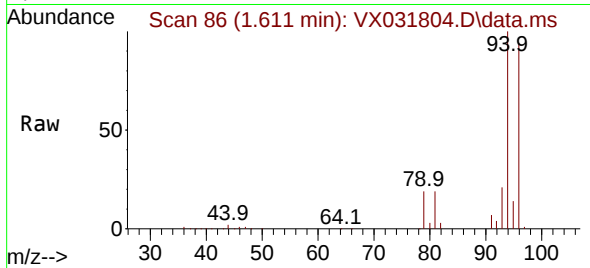
Tgt Ion: 62 Resp: 59134
Ion Ratio Lower Upper
62 100
64 31.2 25.3 37.9





#5
Bromomethane
Concen: 33.717 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

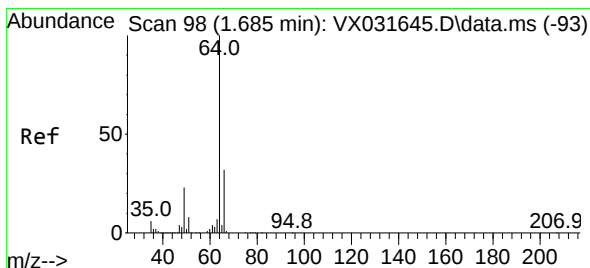
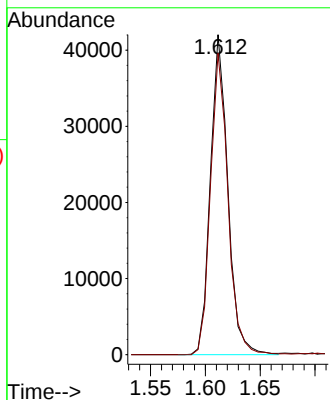
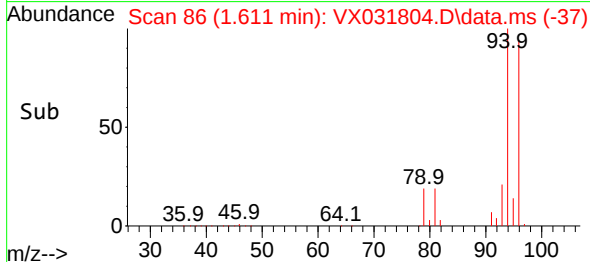
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Tgt Ion: 94 Resp: 4652
Ion Ratio Lower Upper
94 100
96 94.2 74.4 111.6

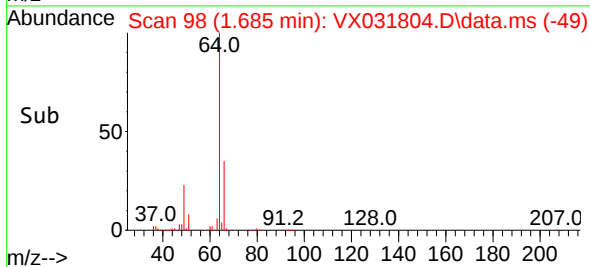
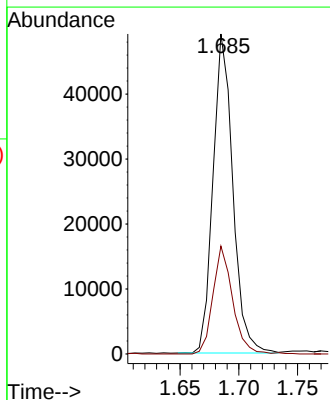
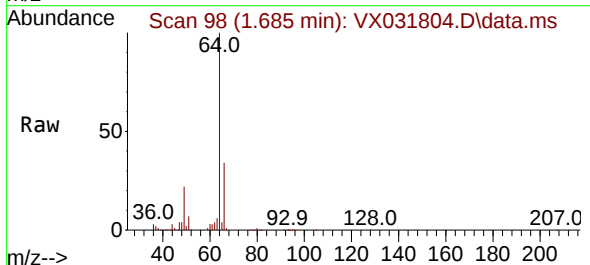
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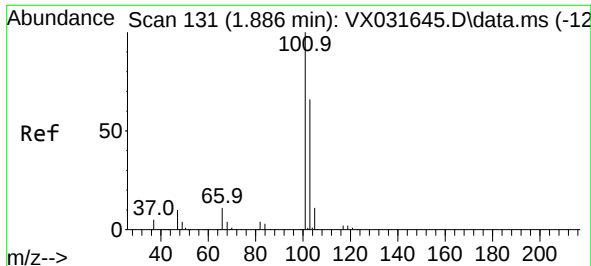
Reviewed By :John Carlone 09/30/2022
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#6
Chloroethane
Concen: 32.778 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
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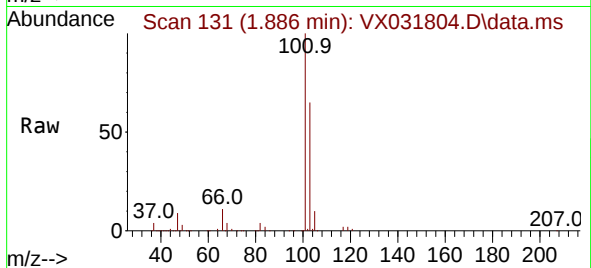
Tgt Ion: 64 Resp: 57500
Ion Ratio Lower Upper
64 100
66 33.8 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 35.091 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX031804.D
 Acq: 30 Sep 2022 06:53

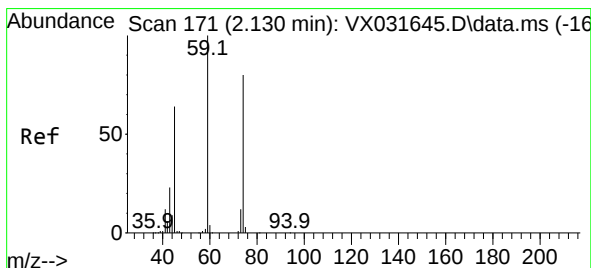
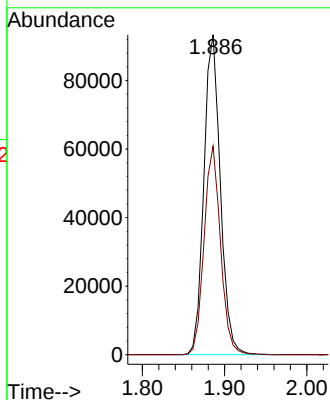
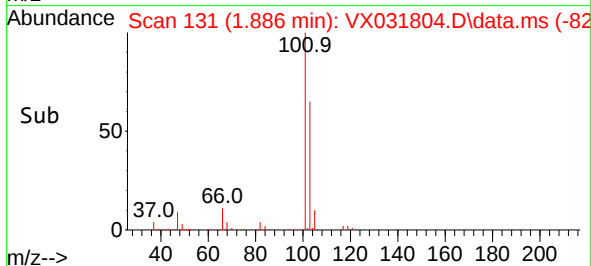
Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:101 Resp: 12997
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

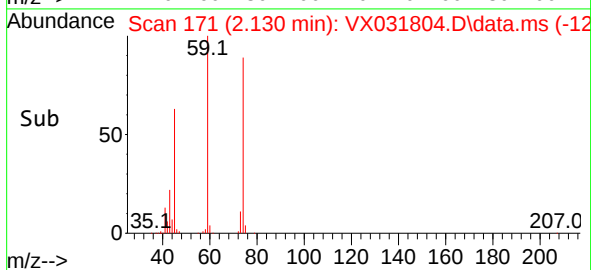
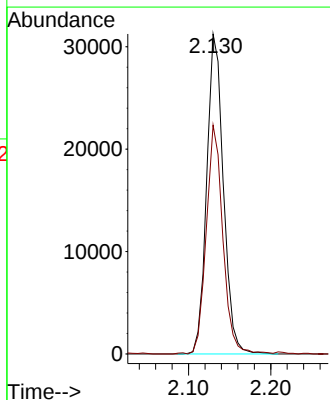
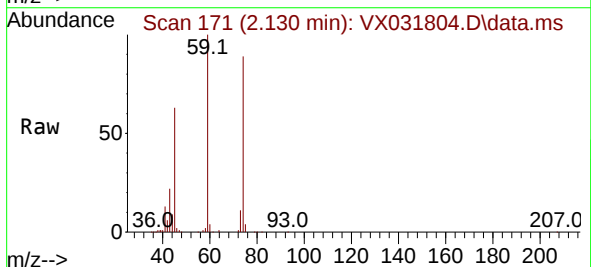
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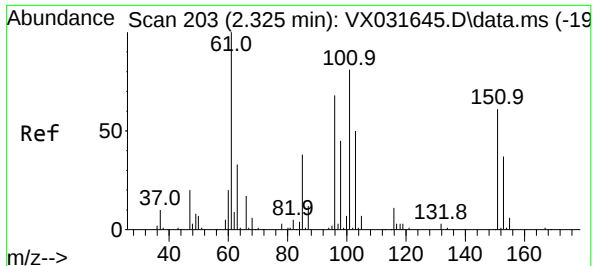
Reviewed By :John Carlone 09/30/2022
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#8
 Diethyl Ether
 Concen: 42.498 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 44000
 Ion Ratio Lower Upper
 74 100
 45 71.3 48.5 145.6





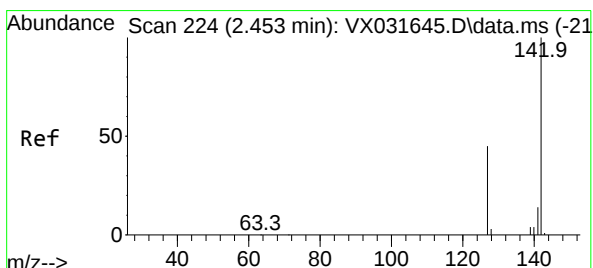
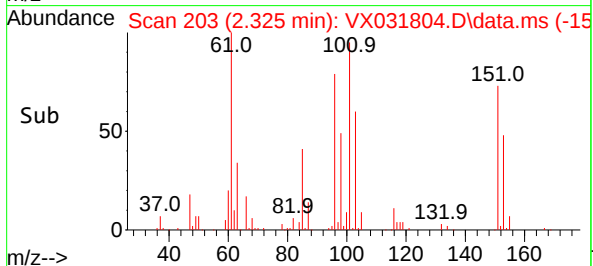
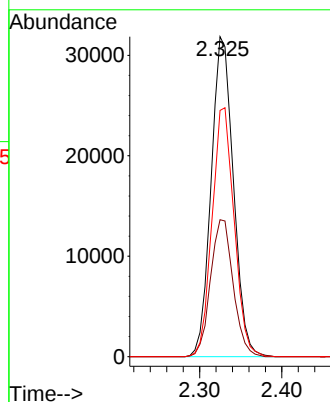
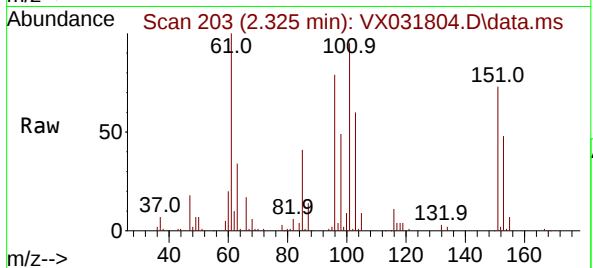
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.930 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 60020
Ion Ratio Lower Upper
101 100
85 43.5 38.6 57.8
151 77.2 54.0 81.0

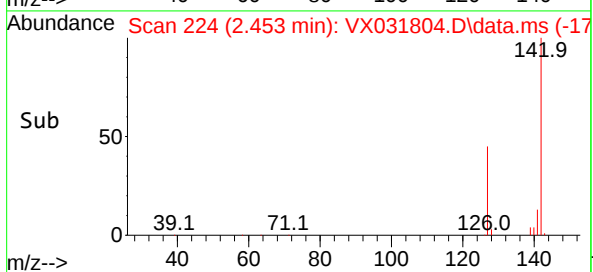
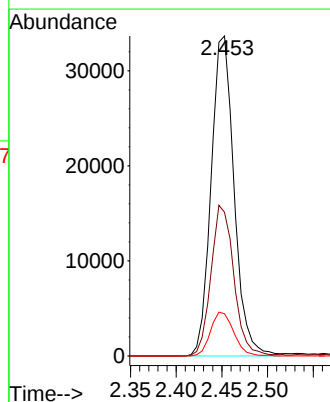
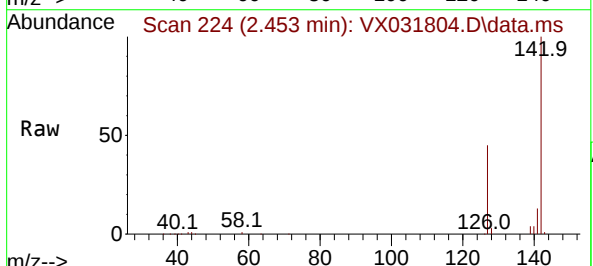
Manual Integrations
APPROVED

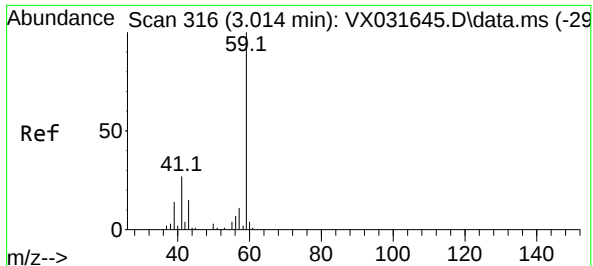
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 51.899 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Tgt Ion:142 Resp: 58801
Ion Ratio Lower Upper
142 100
127 47.1 37.4 56.0
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 267.668 ug/l

RT: 3.008 min Scan# 316

Delta R.T. 0.019 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 62969

Ion Ratio Lower Upper

59 100

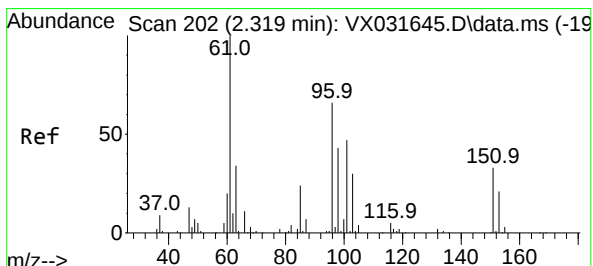
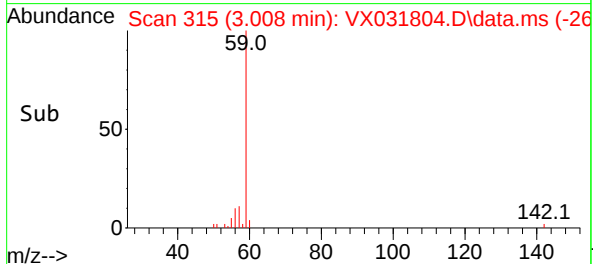
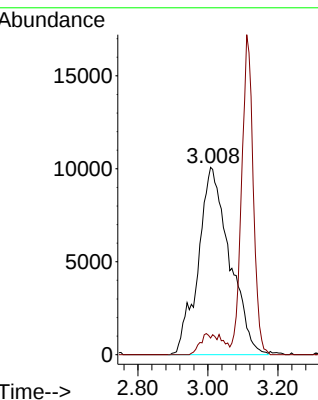
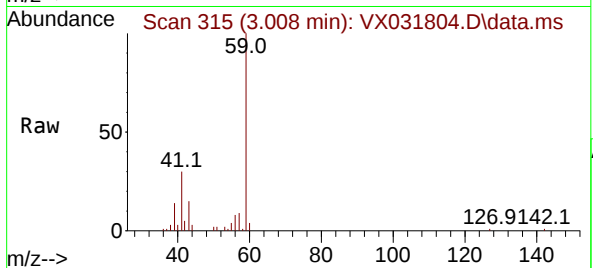
57 3.8 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#12

1,1-Dichloroethene

Concen: 60.818 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

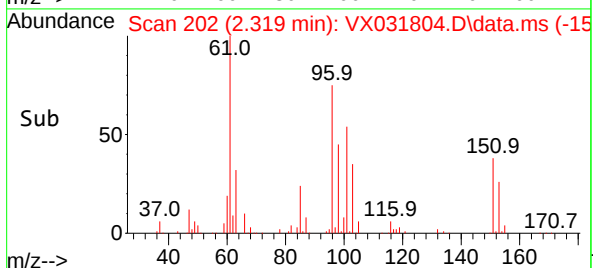
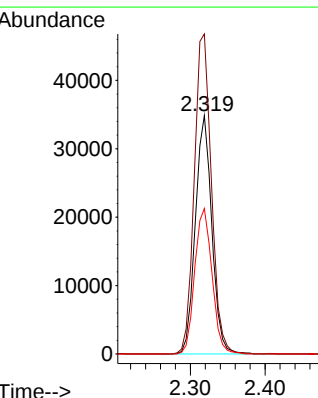
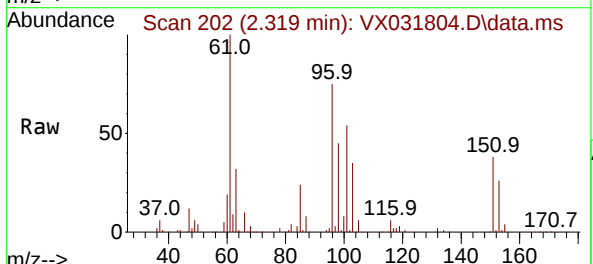
Tgt Ion: 96 Resp: 53452

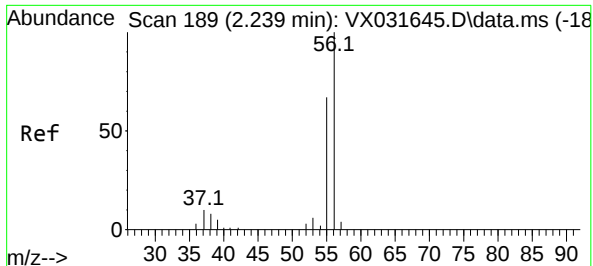
Ion Ratio Lower Upper

96 100

61 134.2 135.3 202.9

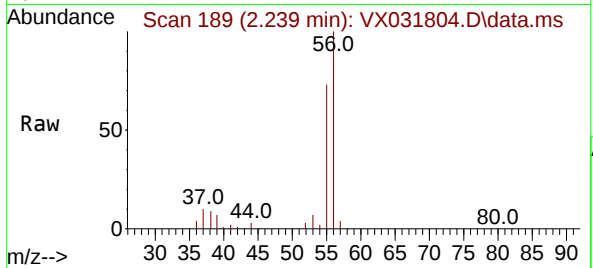
98 61.0 49.4 74.2





#13
Acrolein
Concen: 239.485 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

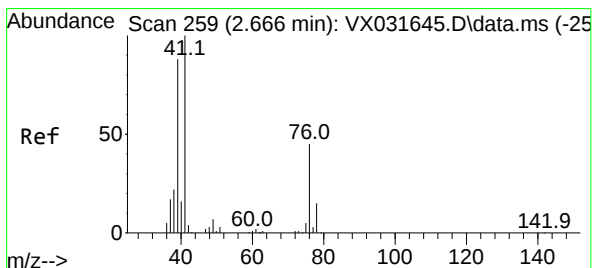
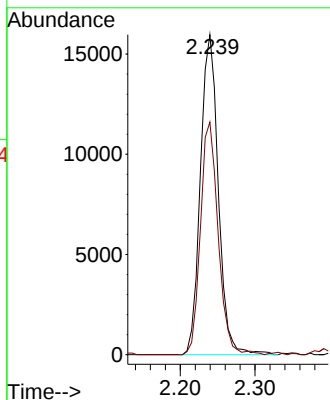
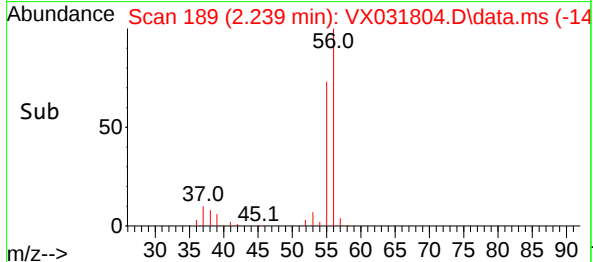
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 26534
Ion Ratio Lower Upper
56 100
55 71.8 56.0 84.0

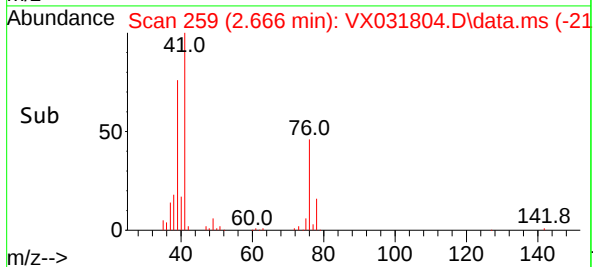
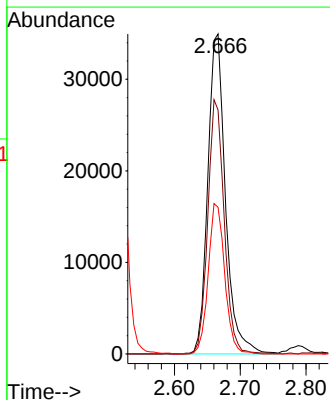
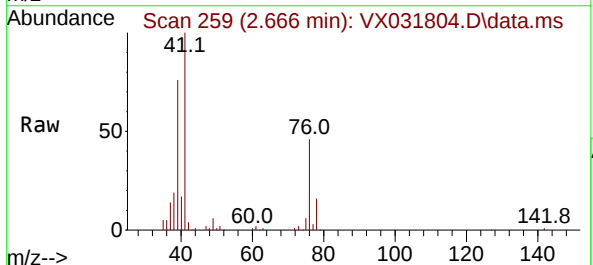
Manual Integrations
APPROVED

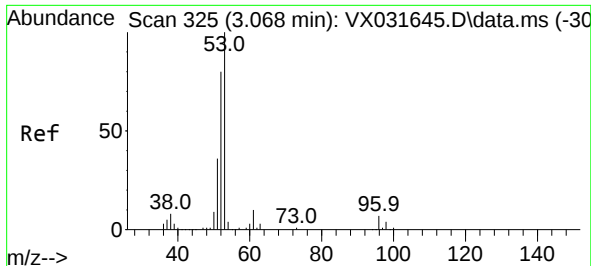
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 43.156 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

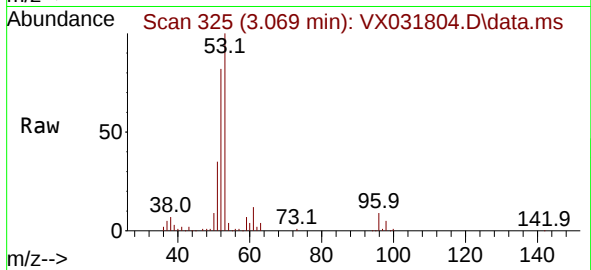
Tgt Ion: 41 Resp: 65631
Ion Ratio Lower Upper
41 100
39 73.7 58.2 87.4
76 43.7 26.9 40.3#





#15
Acrylonitrile
Concen: 222.538 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

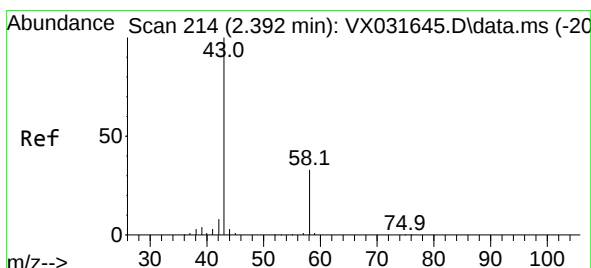
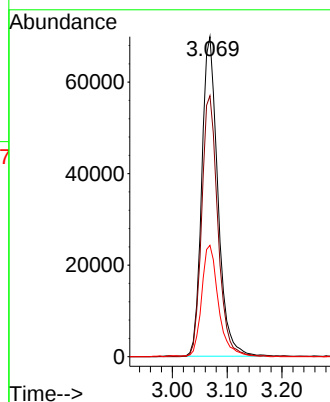
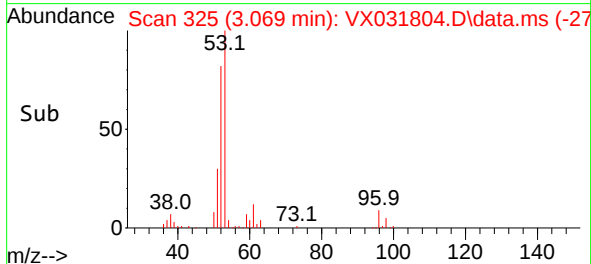
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



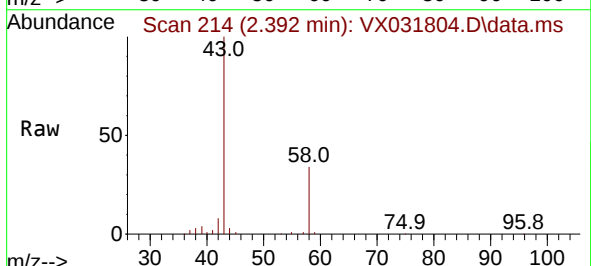
Tgt Ion: 53 Resp: 142539
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 36.5 30.0 45.0

Manual Integrations
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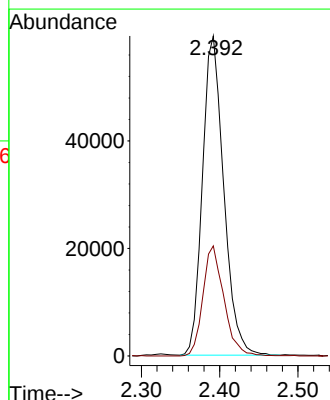
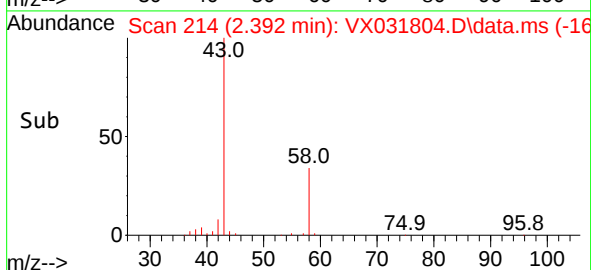
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

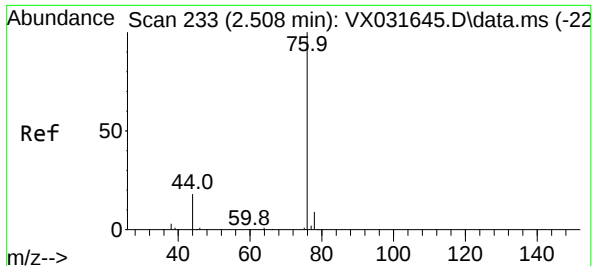


#16
Acetone
Concen: 263.219 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



Tgt Ion: 43 Resp: 112052
Ion Ratio Lower Upper
43 100
58 34.5 23.8 35.8





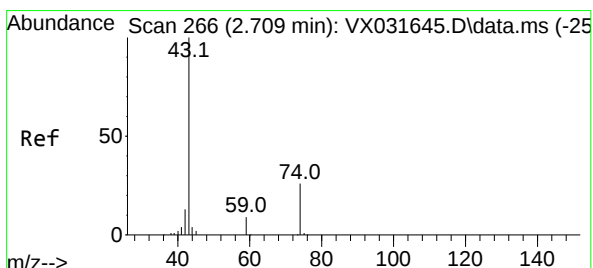
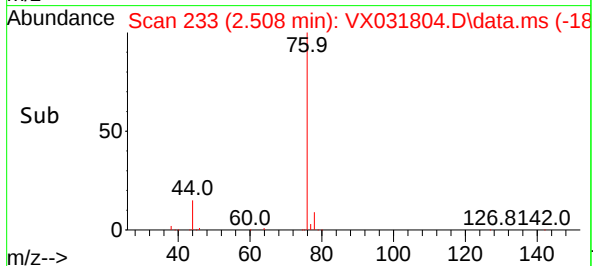
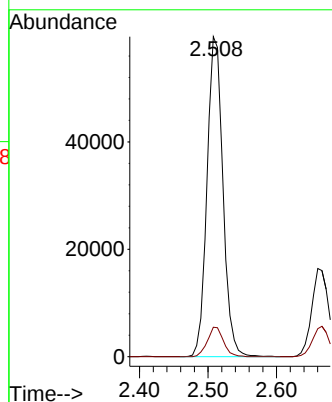
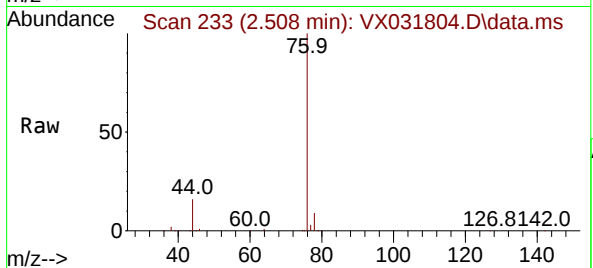
#17
Carbon Disulfide
Concen: 49.771 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 9646
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

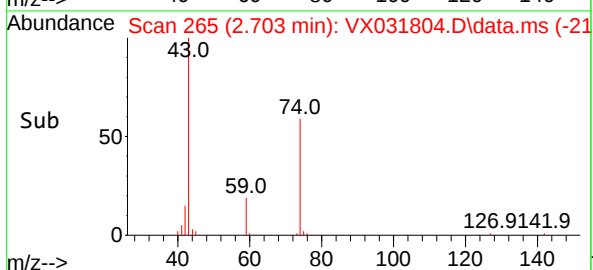
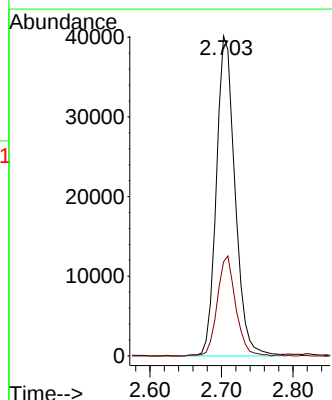
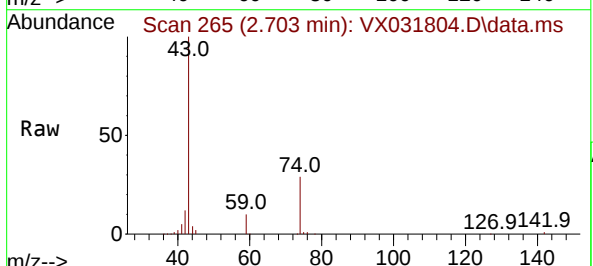
Manual Integrations
APPROVED

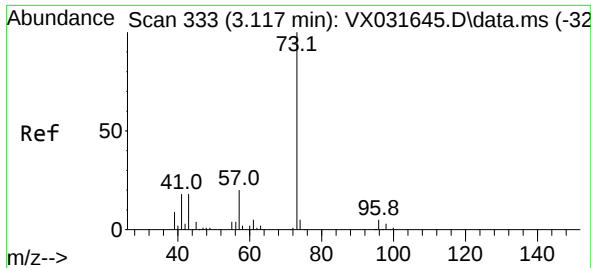
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 43.885 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

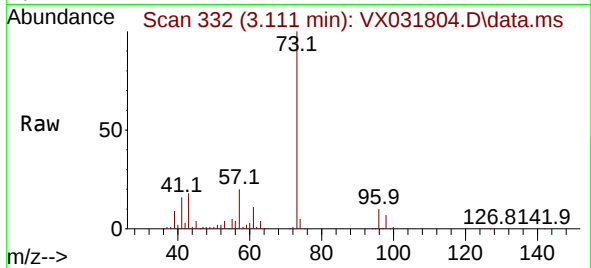
Tgt Ion: 43 Resp: 72782
Ion Ratio Lower Upper
43 100
74 30.8 18.6 27.8#





#19
Methyl tert-butyl Ether
Concen: 48.617 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

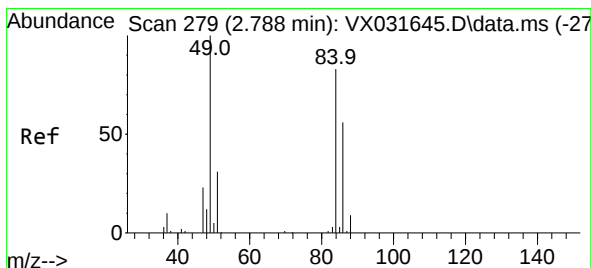
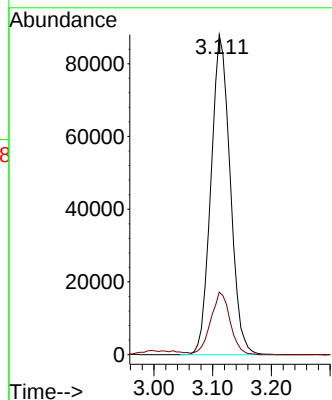
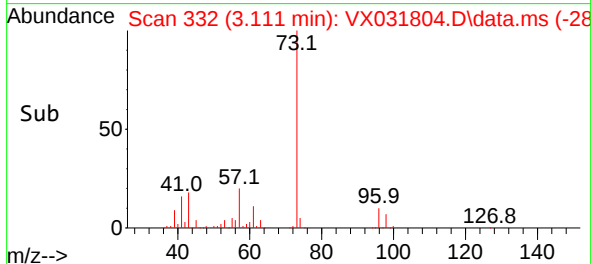
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 19956
Ion Ratio Lower Upper
73 100
57 19.6 17.2 25.8

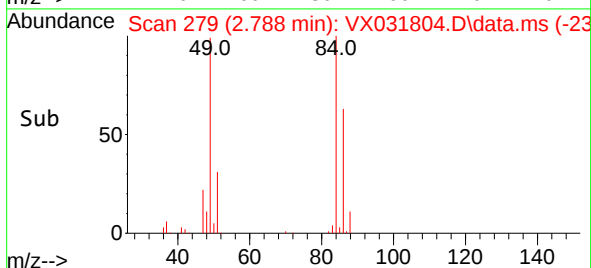
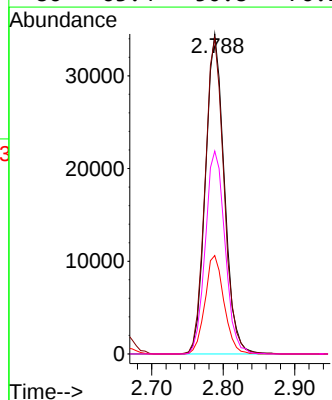
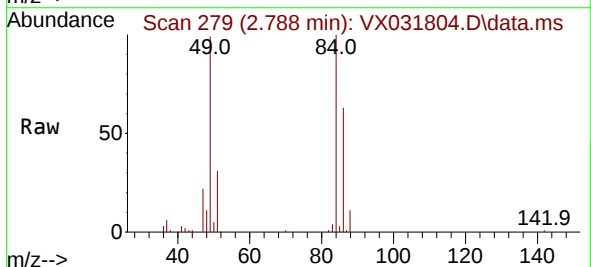
Manual Integrations
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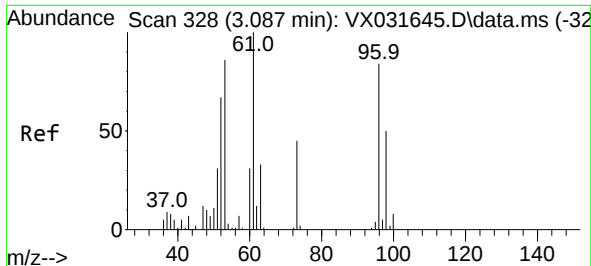
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 54.250 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

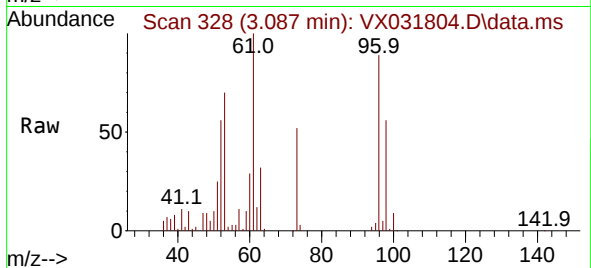
Tgt Ion: 84 Resp: 63147
Ion Ratio Lower Upper
84 100
49 98.7 105.9 158.9#
51 30.7 32.2 48.2#
86 63.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 48.443 ug/l
RT: 3.087 min Scan# 319
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

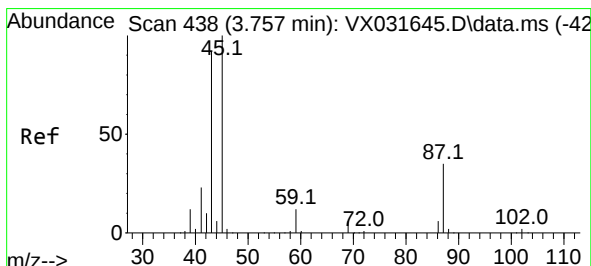
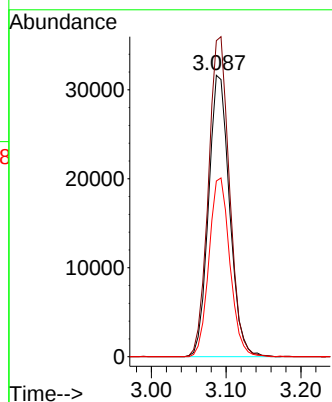
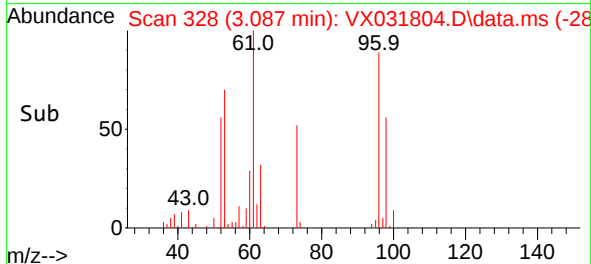
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



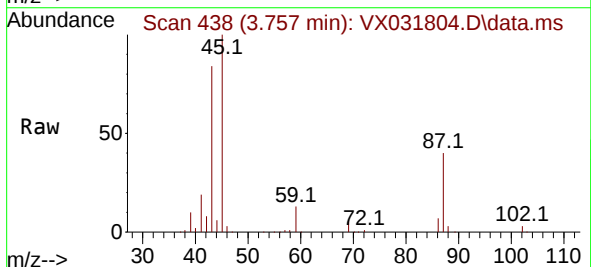
Tgt Ion: 96 Resp: 6190
Ion Ratio Lower Upper
96 100
61 112.3 106.7 160.1
98 62.4 48.7 73.1

Manual Integrations
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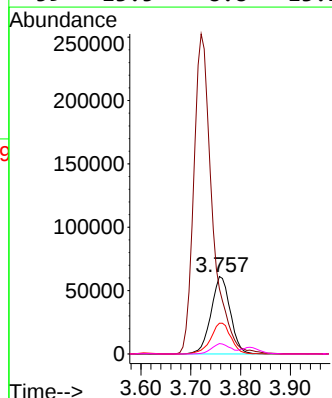
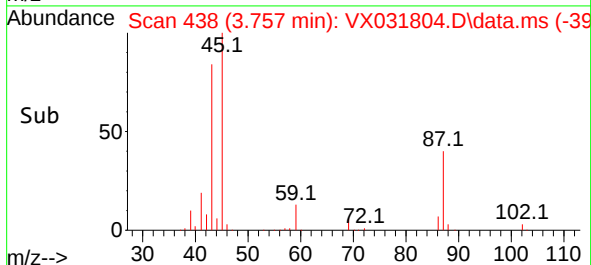
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

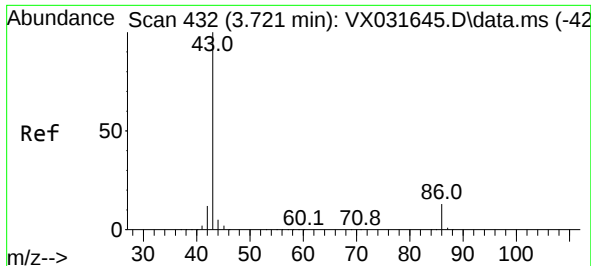


#22
Diisopropyl ether
Concen: 41.991 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



Tgt Ion: 45 Resp: 164353
Ion Ratio Lower Upper
45 100
43 84.0 59.0 88.6
87 39.6 22.6 33.8#
59 13.5 8.8 13.2#





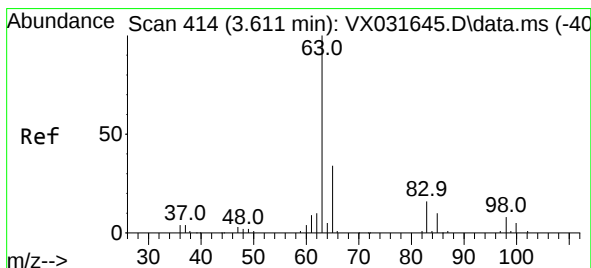
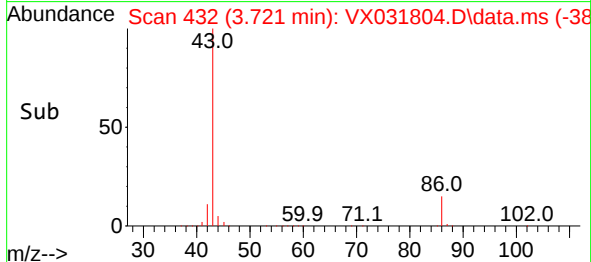
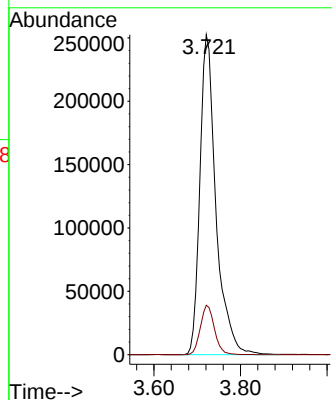
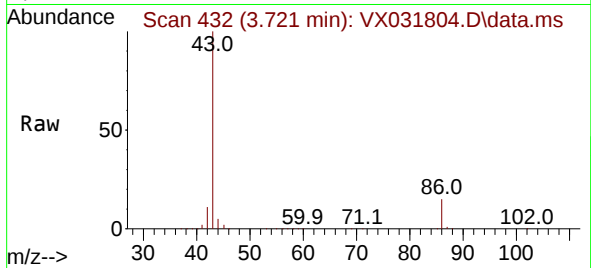
#23
 Vinyl Acetate
 Concen: 210.174 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX031804.D
 Acq: 30 Sep 2022 06:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 650580
 Ion Ratio Lower Upper
 43 100
 86 15.5 8.7 13.1

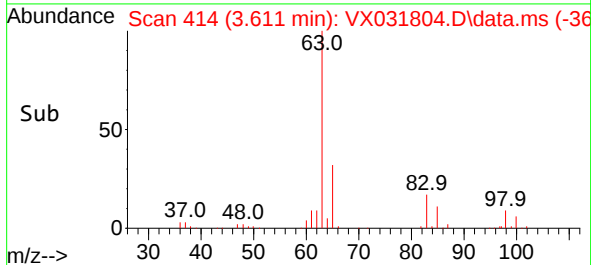
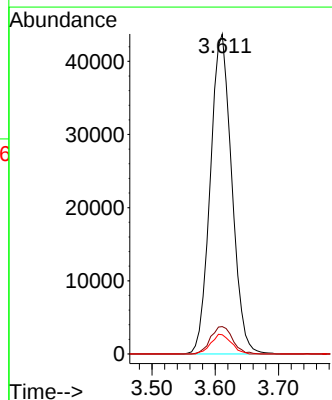
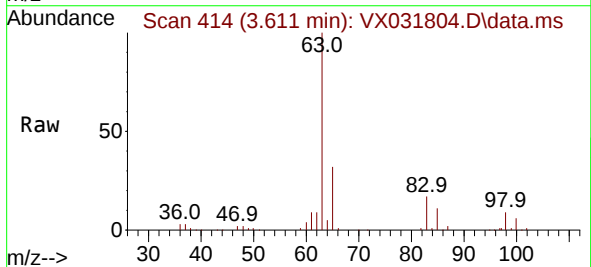
Manual Integrations
 APPROVED

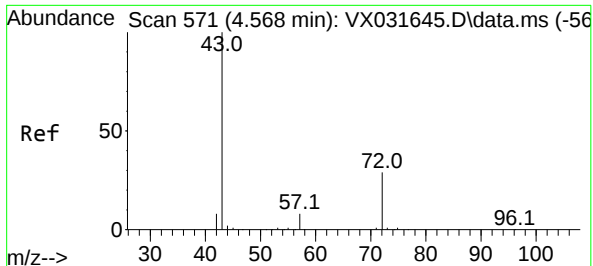
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#24
 1,1-Dichloroethane
 Concen: 45.645 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031804.D
 Acq: 30 Sep 2022 06:53

Tgt Ion: 63 Resp: 102999
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.4
 100 6.0 2.4 7.2





#25

2-Butanone

Concen: 206.639 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18203

Ion Ratio Lower Upper

43 100

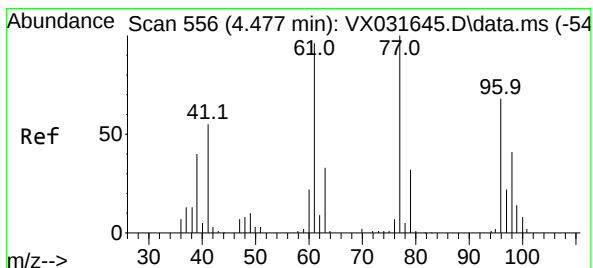
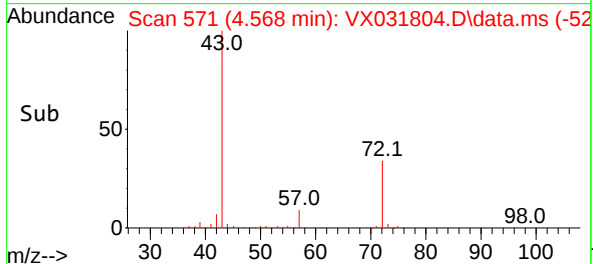
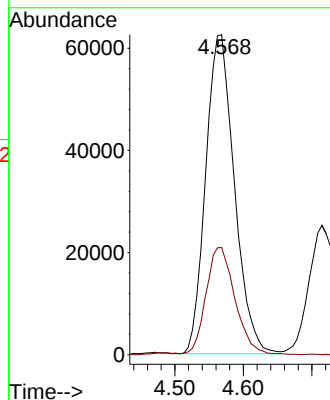
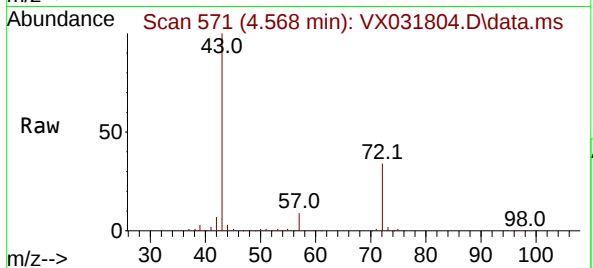
72 33.3 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#26

2,2-Dichloropropane

Concen: 33.223 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX031804.D

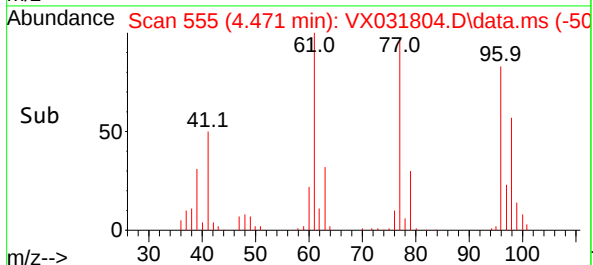
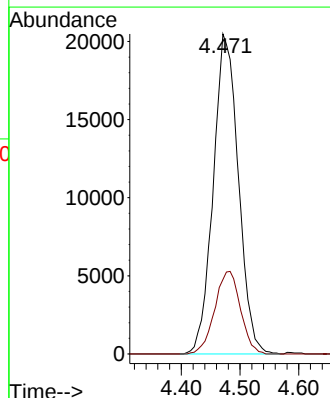
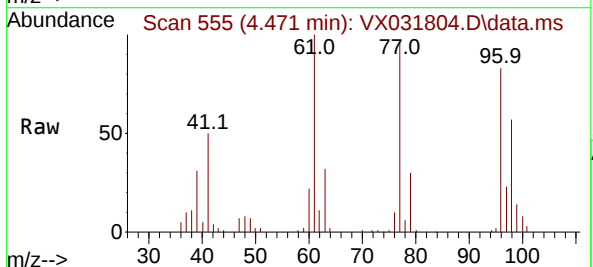
Acq: 30 Sep 2022 06:53

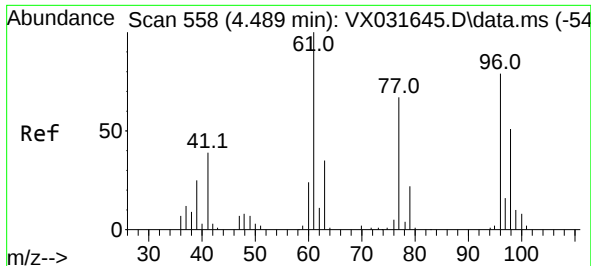
Tgt Ion: 77 Resp: 60847

Ion Ratio Lower Upper

77 100

97 26.4 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 49.937 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 7815

Ion Ratio Lower Upper

96 100

61 114.8 0.0 305.2

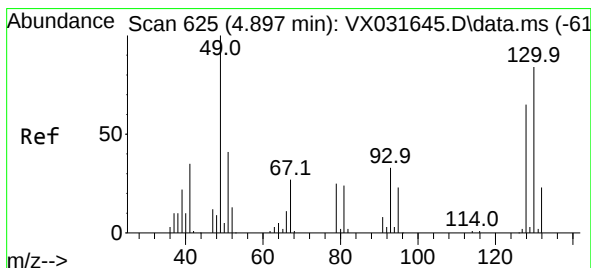
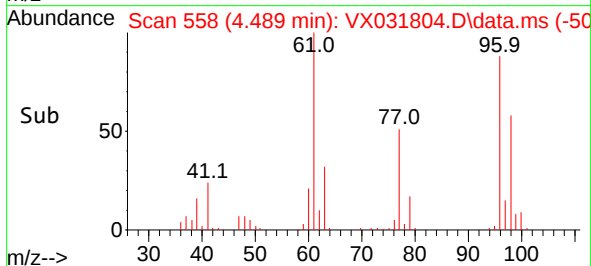
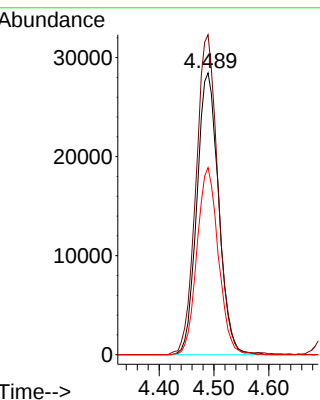
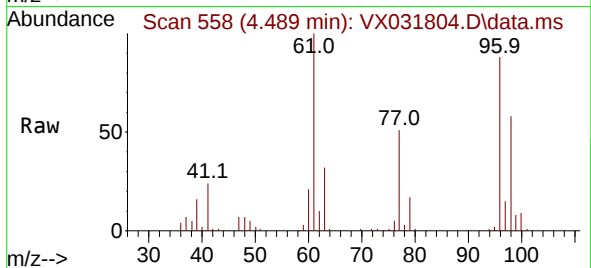
98 65.3 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#28

Bromochloromethane

Concen: 38.323 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

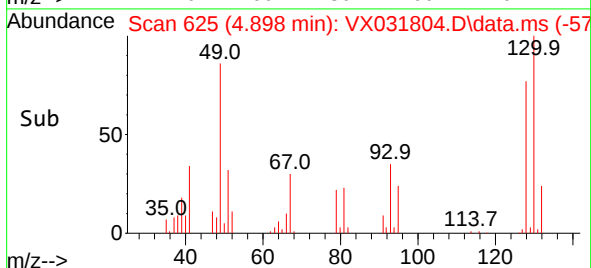
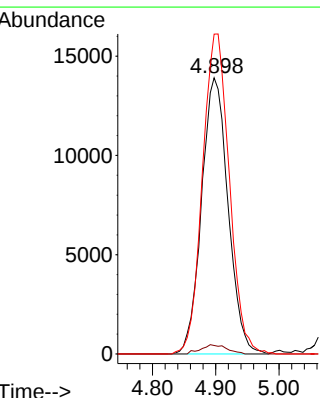
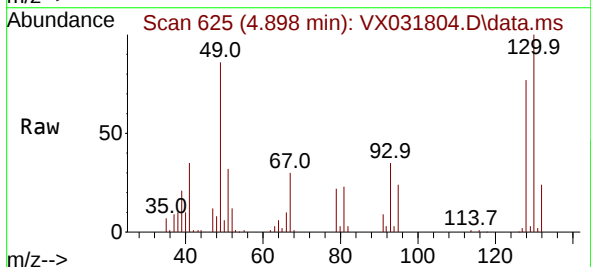
Tgt Ion: 49 Resp: 40453

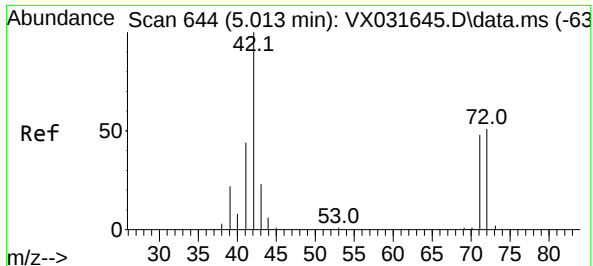
Ion Ratio Lower Upper

49 100

129 3.3 0.0 3.6

130 117.4 59.0 88.4#





#29

Tetrahydrofuran

Concen: 207.427 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 114792

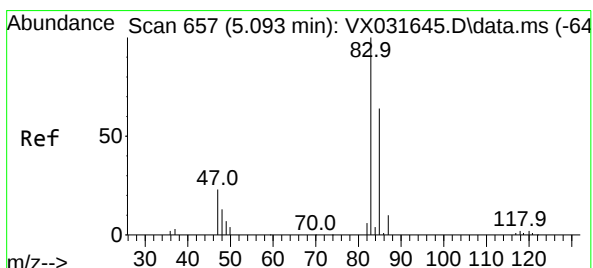
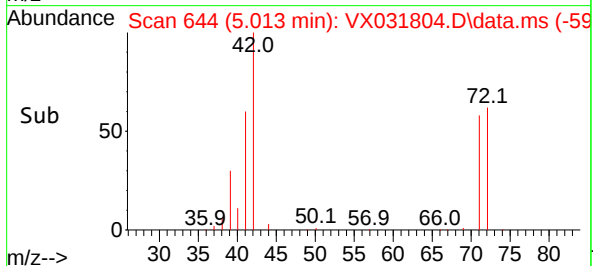
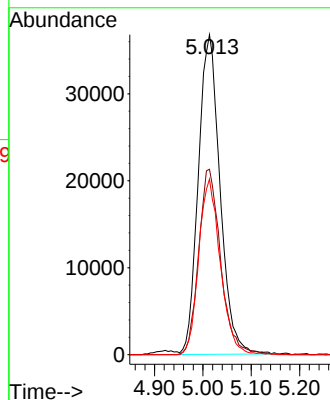
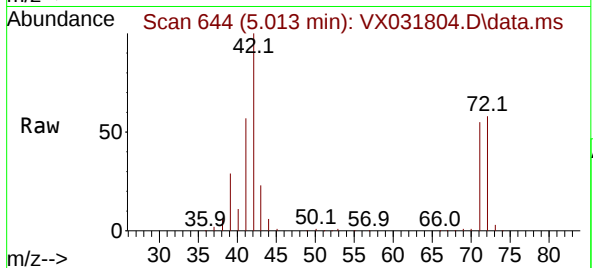
Ion	Ratio	Lower	Upper
42	100		
72	58.9	36.4	54.6
71	54.5	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 46.844 ug/l

RT: 5.093 min Scan# 657

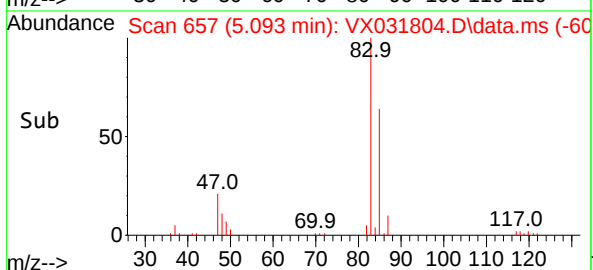
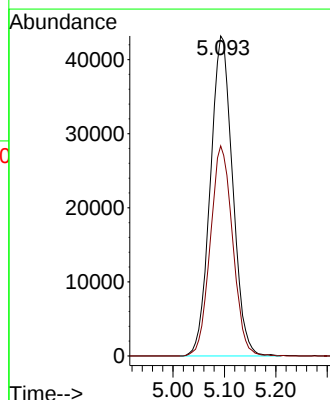
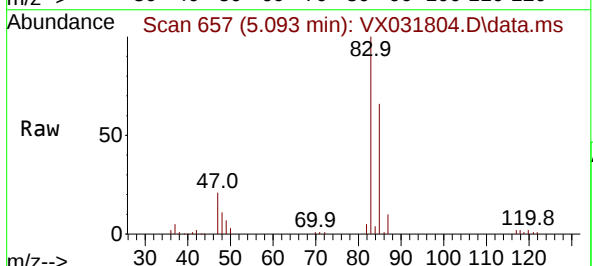
Delta R.T. -0.006 min

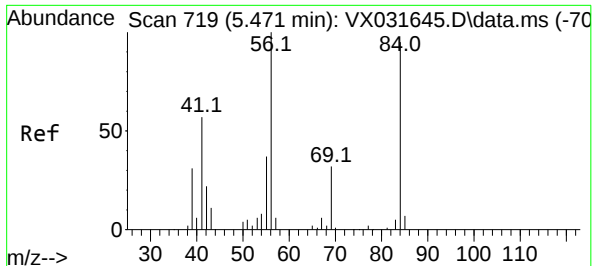
Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Tgt Ion: 83 Resp: 130037

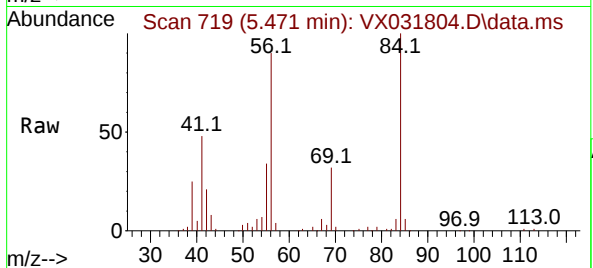
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.8	79.2





#31
Cyclohexane
Concen: 44.092 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

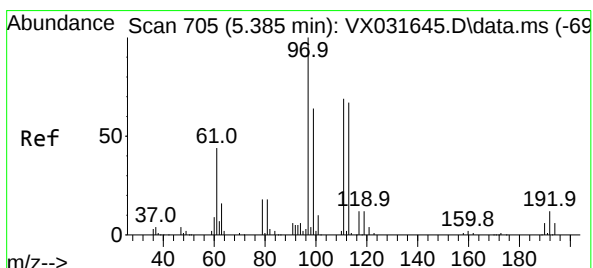
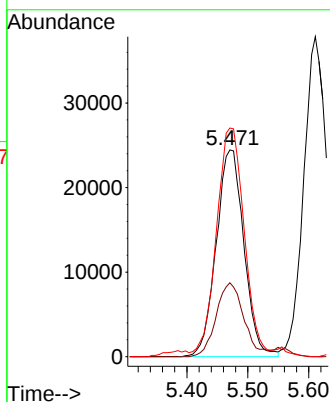
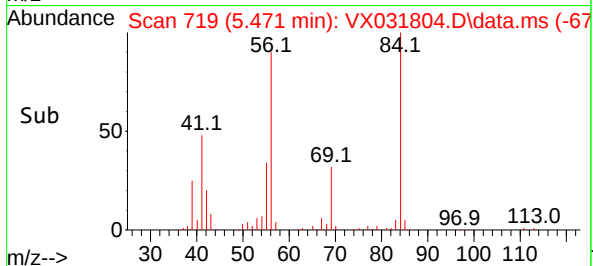
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



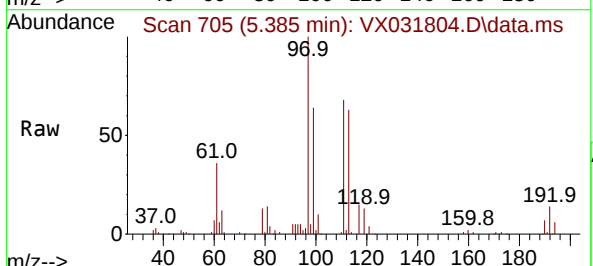
Tgt Ion: 56 Resp: 7737
Ion Ratio Lower Upper
56 100
69 35.7 25.1 37.7
84 107.6 70.2 105.4

Manual Integrations
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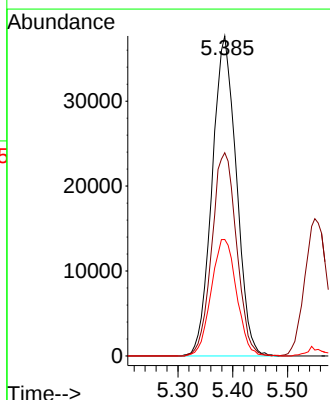
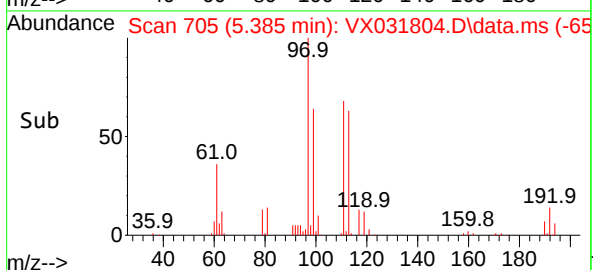
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

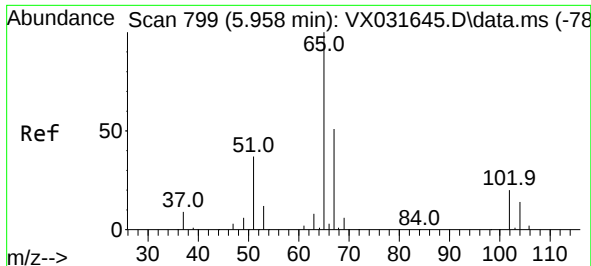


#32
1,1,1-Trichloroethane
Concen: 50.308 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



Tgt Ion: 97 Resp: 115666
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 38.1 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 39.917 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 73670

Ion Ratio Lower Upper

65 100

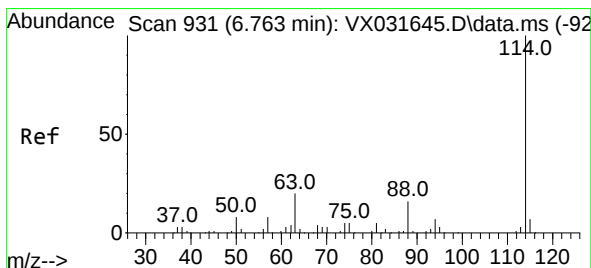
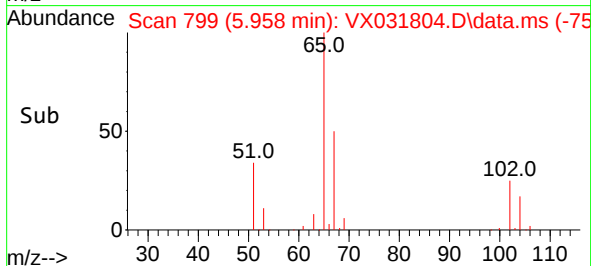
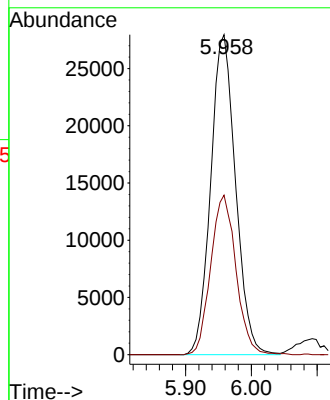
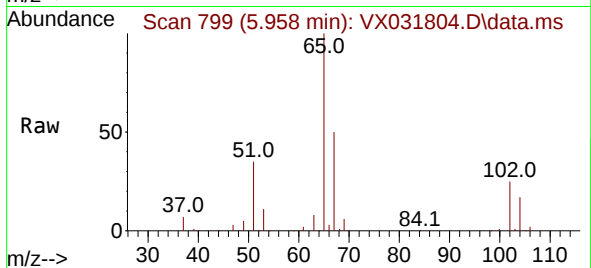
67 50.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

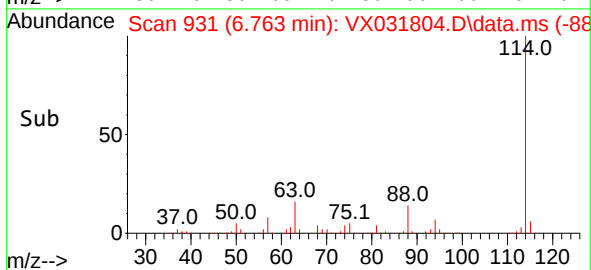
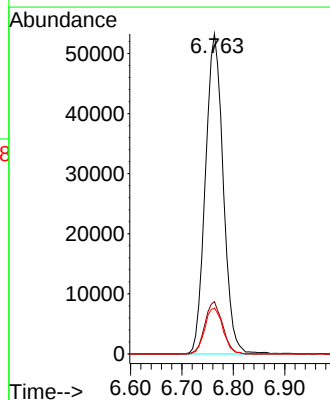
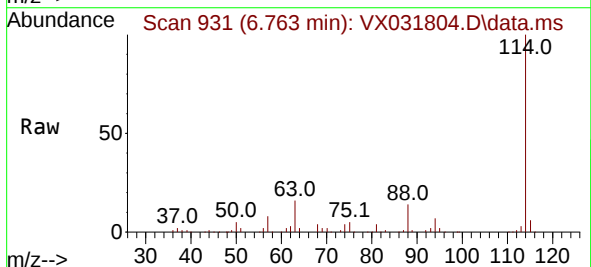
Tgt Ion:114 Resp: 128031

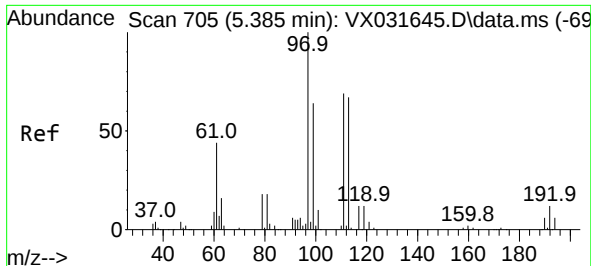
Ion Ratio Lower Upper

114 100

63 16.3 0.0 42.6

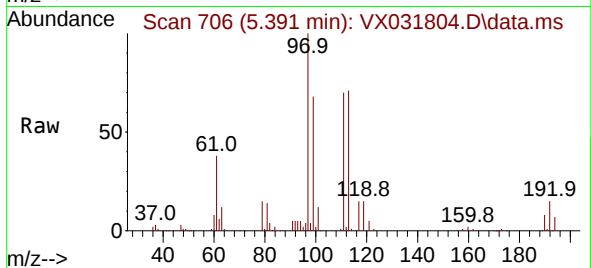
88 14.4 0.0 33.0





#35
Dibromofluoromethane
Concen: 47.439 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

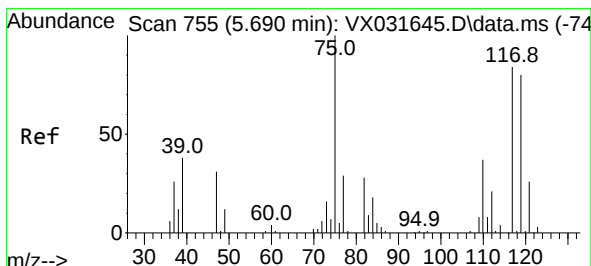
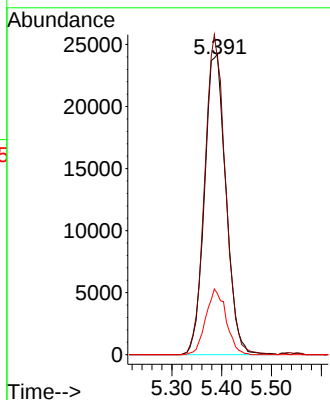
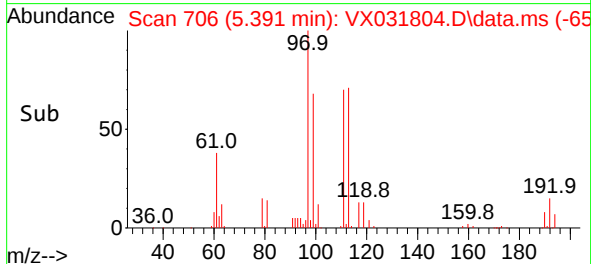
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 72369
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 20.7 14.1 21.1

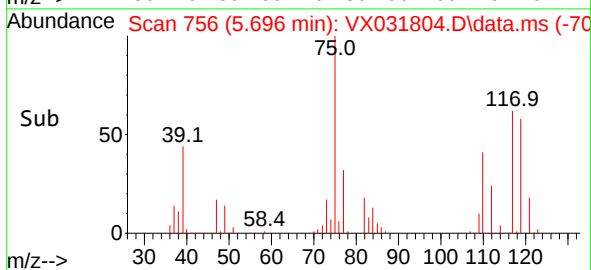
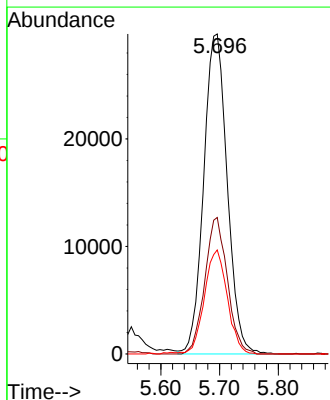
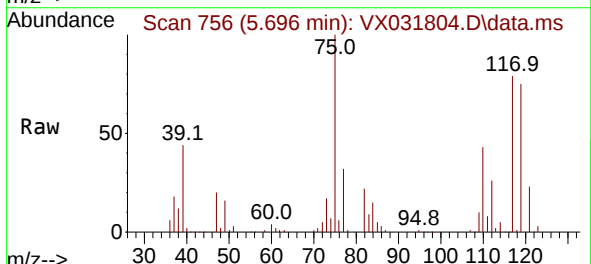
Manual Integrations
APPROVED

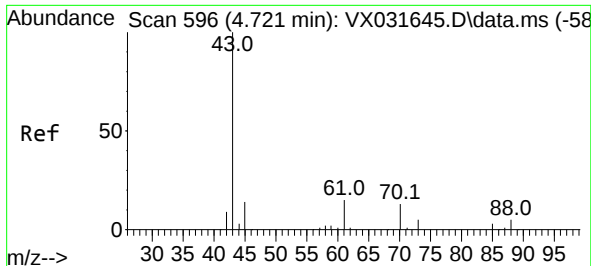
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#36
1,1-Dichloropropene
Concen: 47.282 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Tgt Ion: 75 Resp: 82835
Ion Ratio Lower Upper
75 100
110 40.9 17.5 52.5
77 31.5 24.9 37.3





#37

Ethyl Acetate

Concen: 41.692 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

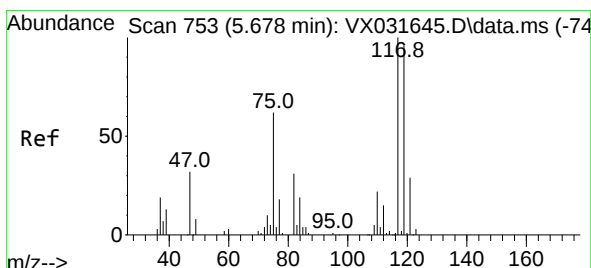
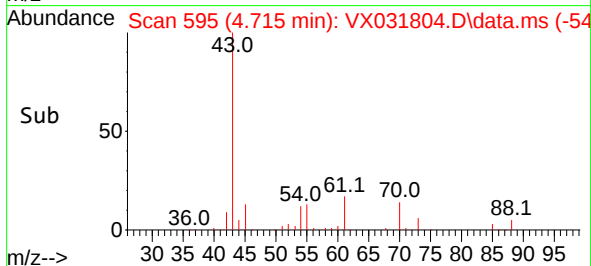
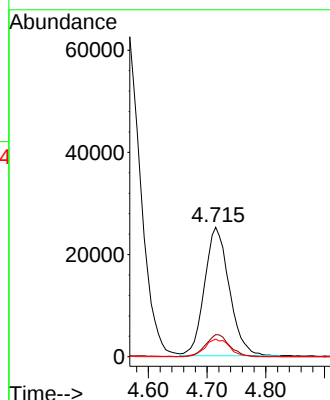
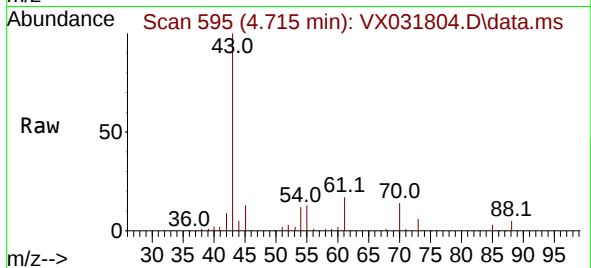
Tgt Ion: 43	Resp: 73674
Ion Ratio	Lower Upper
43 100	
61 16.6	11.1 16.7
70 13.4	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 53.509 ug/l

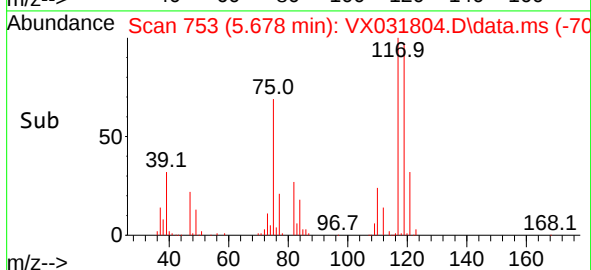
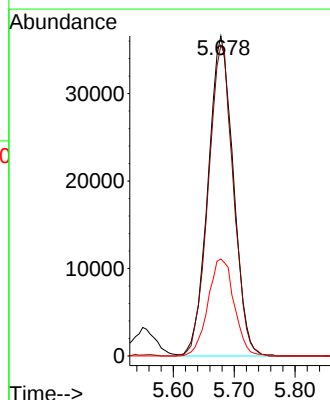
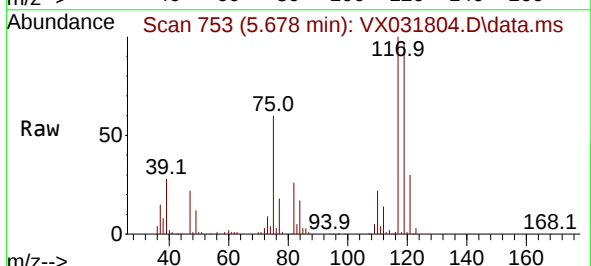
RT: 5.678 min Scan# 753

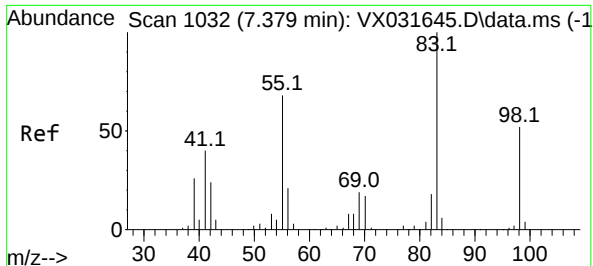
Delta R.T. -0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Tgt Ion: 117	Resp: 105650
Ion Ratio	Lower Upper
117 100	
119 97.0	74.6 112.0
121 30.3	25.3 37.9





#39

Methylcyclohexane

Concen: 47.403 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 9462

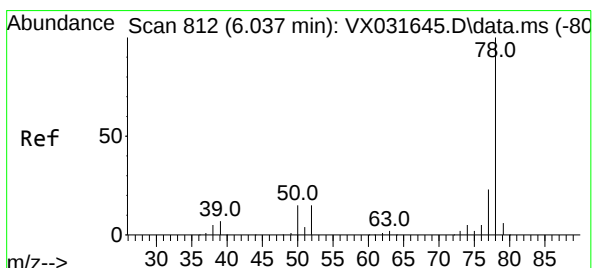
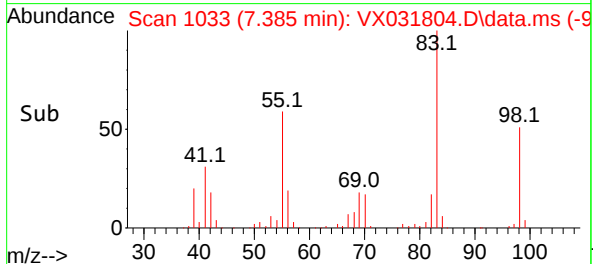
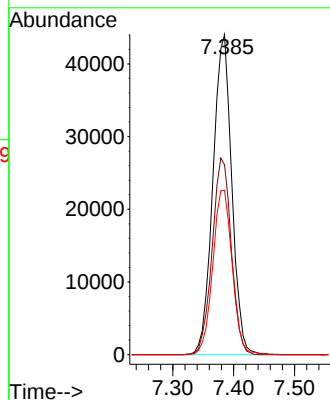
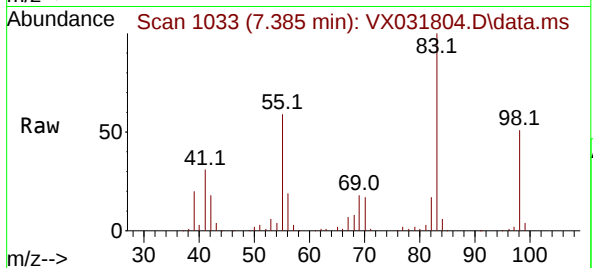
Ion	Ratio	Lower	Upper
83	100		
55	59.4	61.0	91.4
98	51.3	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 47.282 ug/l

RT: 6.038 min Scan# 812

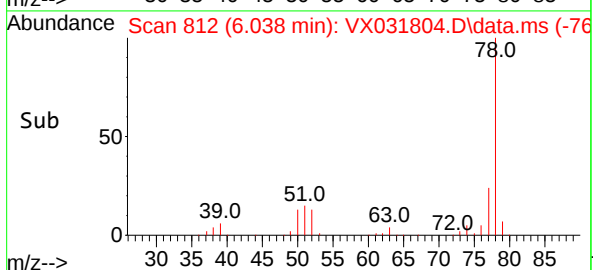
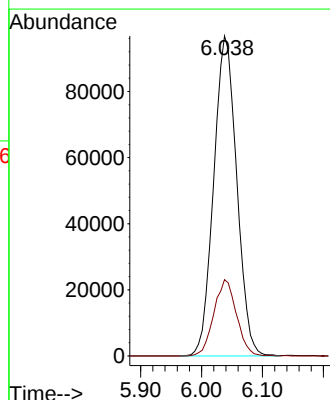
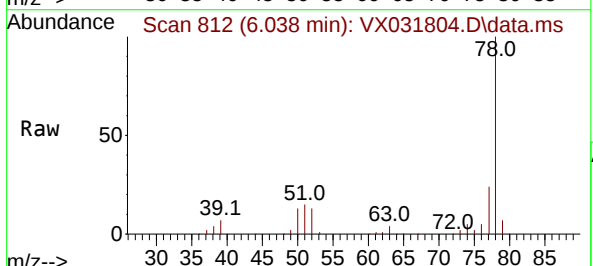
Delta R.T. -0.006 min

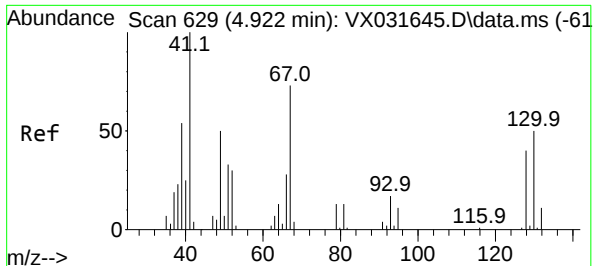
Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Tgt Ion: 78 Resp: 254416

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1





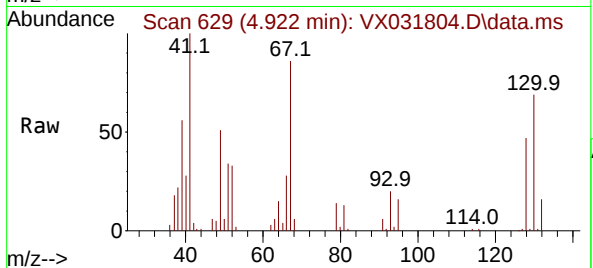
#41
Methacrylonitrile
Concen: 43.115 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



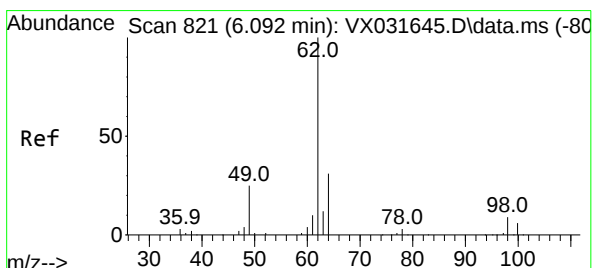
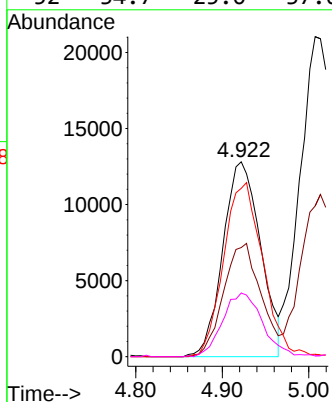
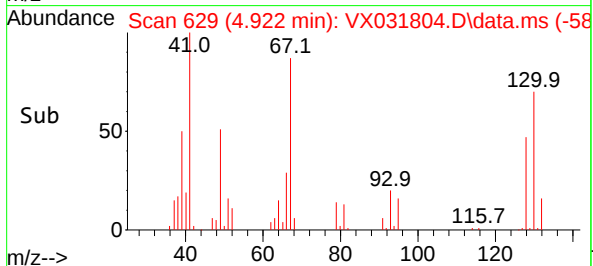
Tgt Ion: 41 Resp: 3876
Ion Ratio Lower Upper
41 100
39 57.3 45.0 67.6
67 93.3 58.2 87.4
52 34.7 25.0 37.6

Manual Integrations

APPROVED

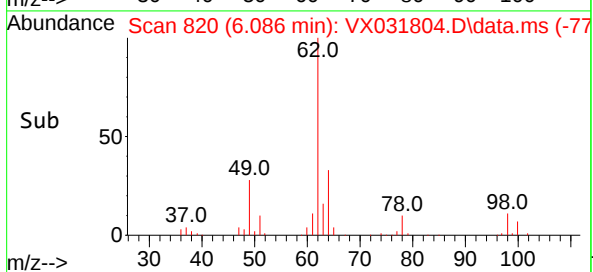
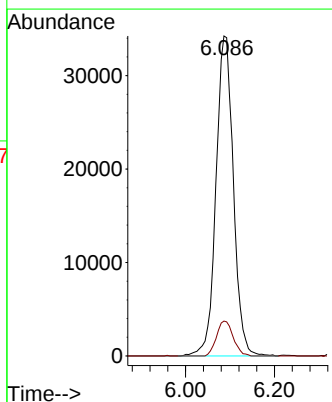
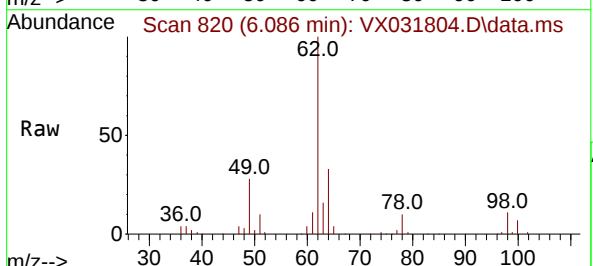
Reviewed By :John Carlone 09/30/2022

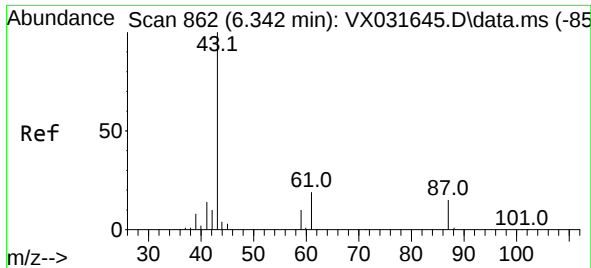
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 44.559 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Tgt Ion: 62 Resp: 92728
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.8





#43

Isopropyl Acetate

Concen: 42.854 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031804.D

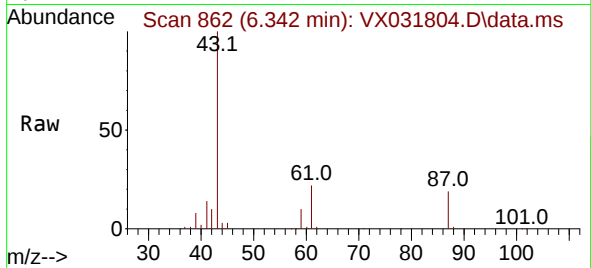
Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



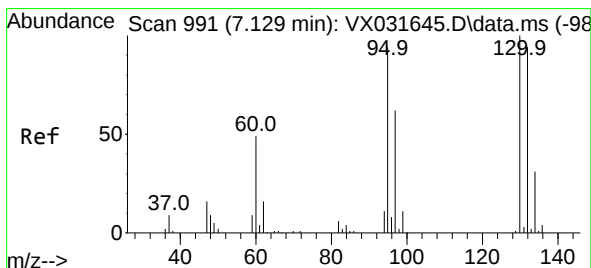
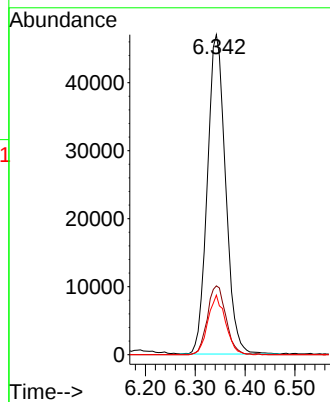
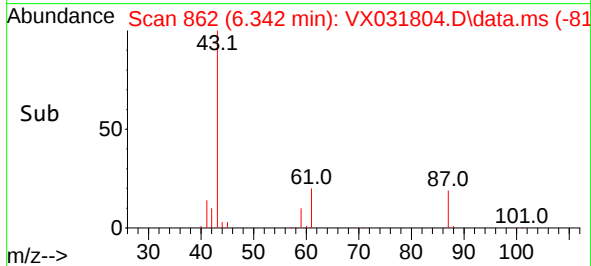
Tgt Ion:	43	Resp:	11918
Ion Ratio	Lower	Upper	
43	100		
61	22.1	15.3	22.9
87	18.0	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#44

Trichloroethene

Concen: 53.613 ug/l

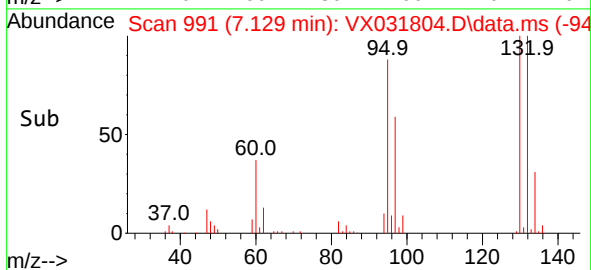
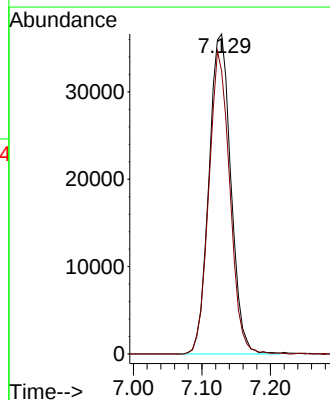
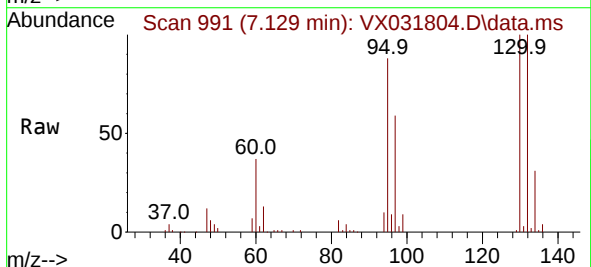
RT: 7.129 min Scan# 991

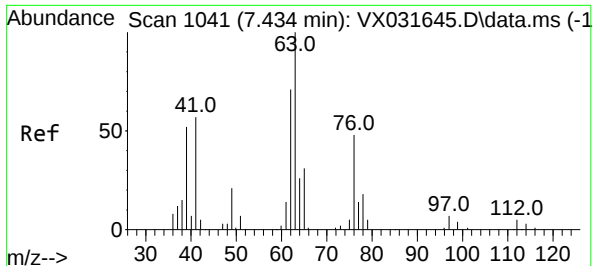
Delta R.T. -0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Tgt Ion:	130	Resp:	81481
Ion Ratio	Lower	Upper	
130	100		
95	88.4	0.0	206.8





#45

1,2-Dichloropropane

Concen: 45.949 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6000

Ion Ratio Lower Upper

63 100

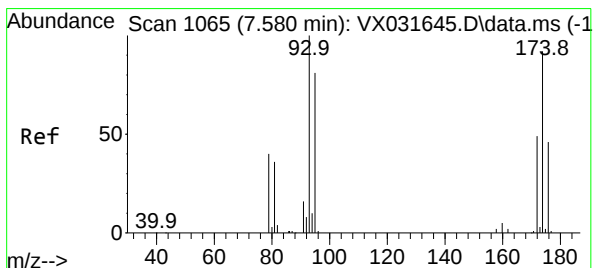
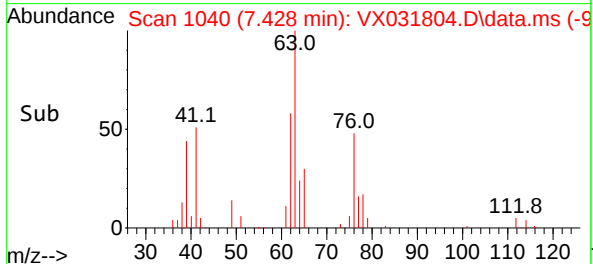
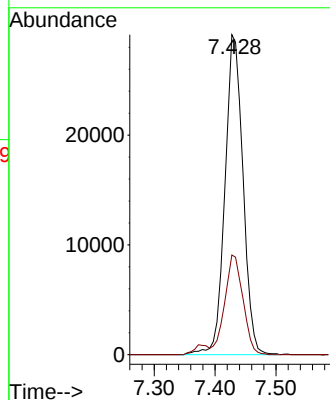
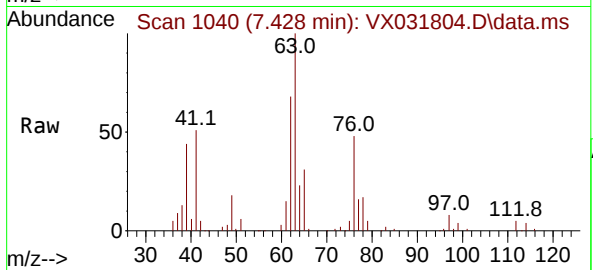
65 31.1 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 49.535 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

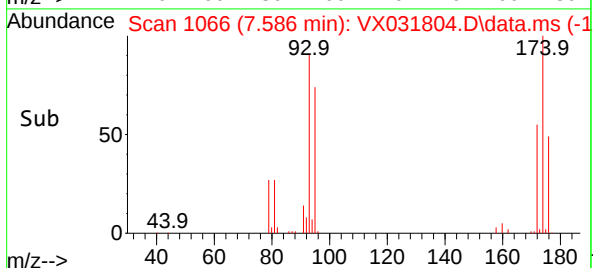
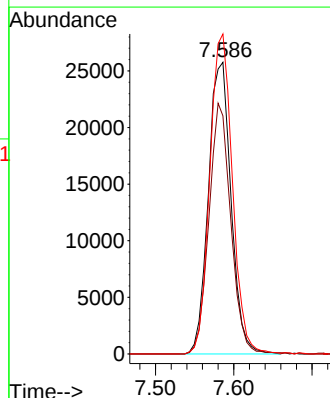
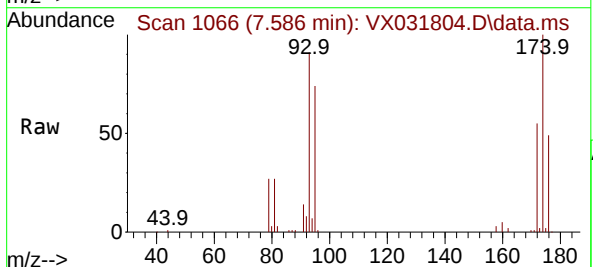
Tgt Ion: 93 Resp: 51950

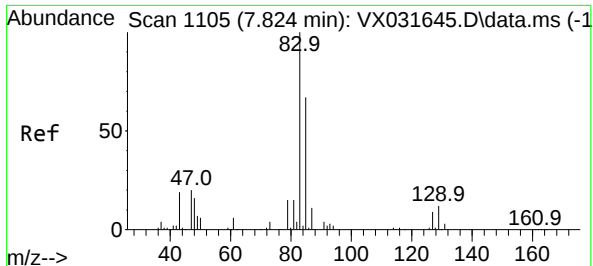
Ion Ratio Lower Upper

93 100

95 82.6 65.5 98.3

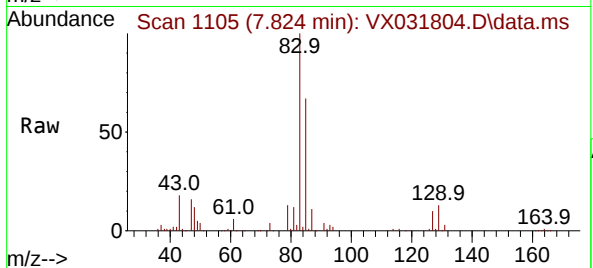
174 109.4 67.6 101.4#





#47
Bromodichloromethane
Concen: 52.149 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

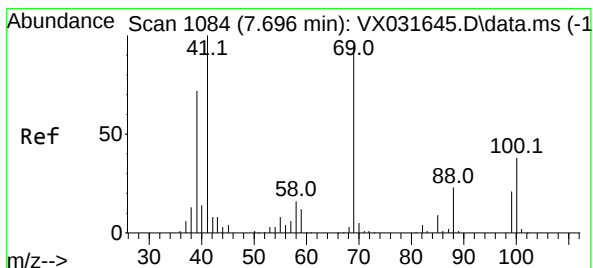
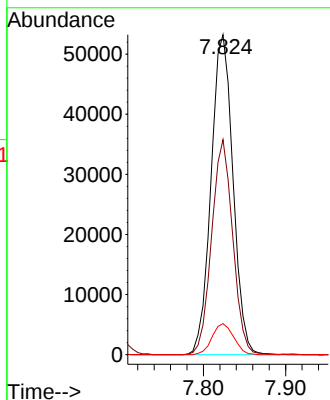
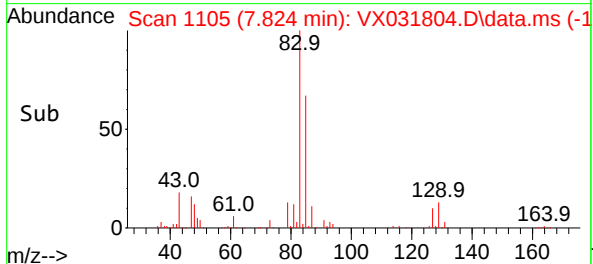
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 98692
Ion Ratio Lower Upper
83 100
85 67.2 51.0 76.6
127 9.7 7.0 10.6

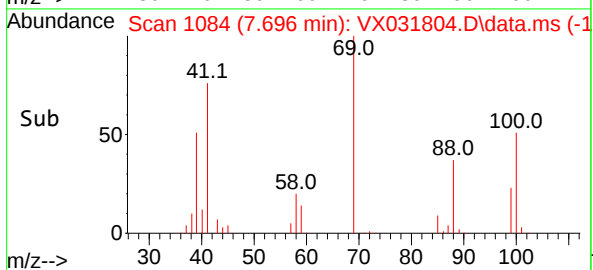
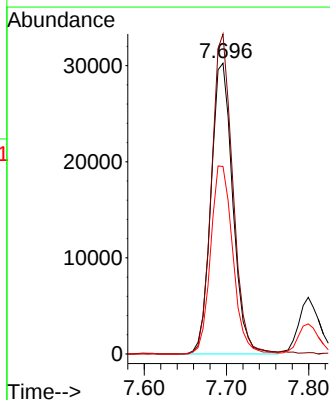
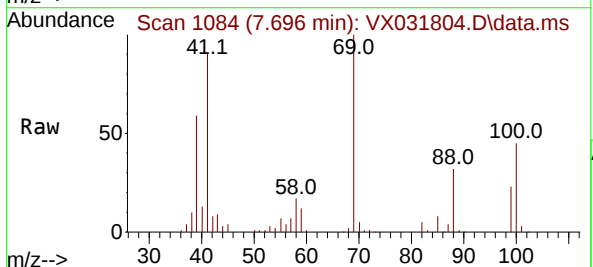
Manual Integrations
APPROVED

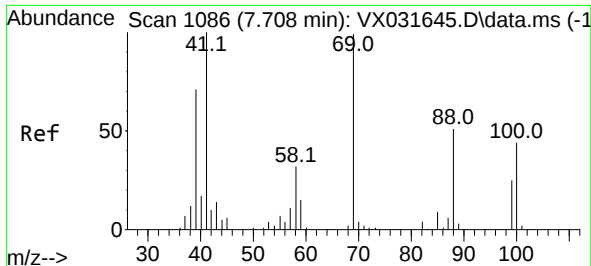
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 45.591 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Tgt Ion: 41 Resp: 55765
Ion Ratio Lower Upper
41 100
69 107.5 64.6 96.8#
39 65.7 51.4 77.0





#49

1,4-Dioxane

Concen: 1156.402 ug/l

RT: 7.702 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

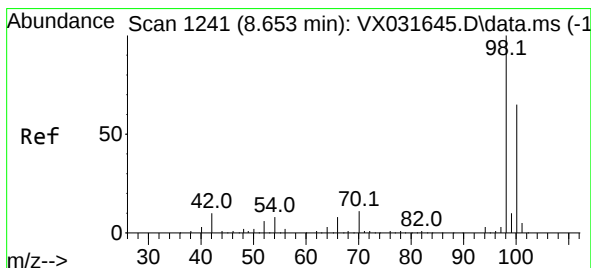
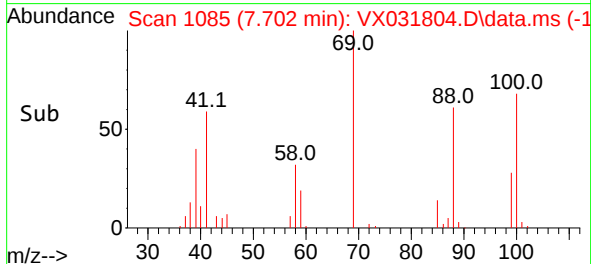
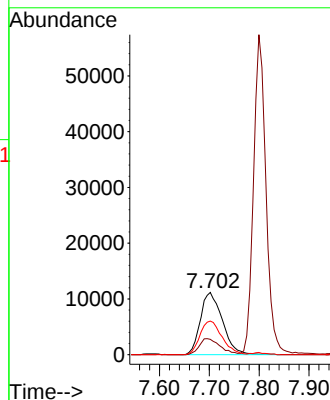
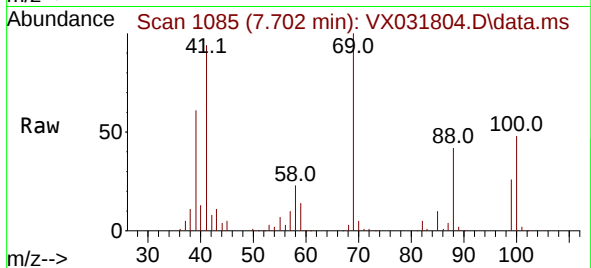
Tgt Ion: 88 Resp: 34218
 Ion Ratio Lower Upper
 88 100
 43 24.5 27.1 40.7
 58 54.0 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 45.958 ug/l

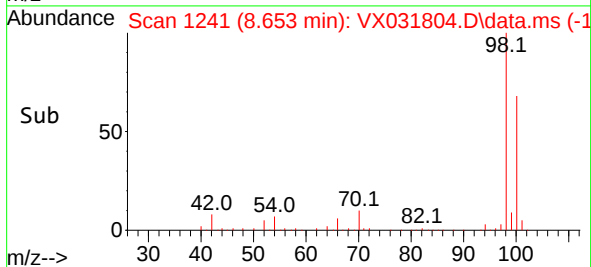
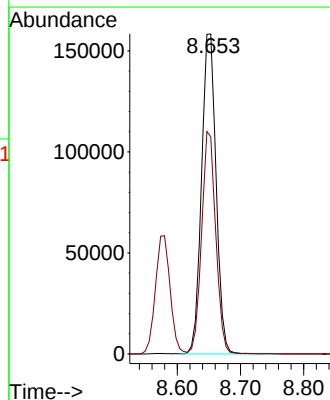
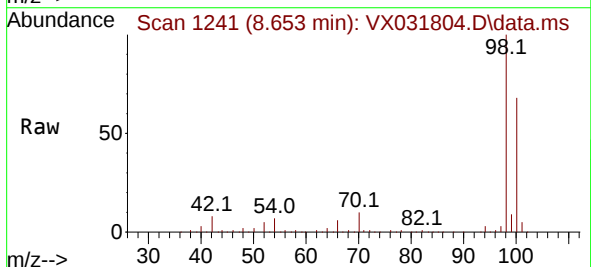
RT: 8.653 min Scan# 1241

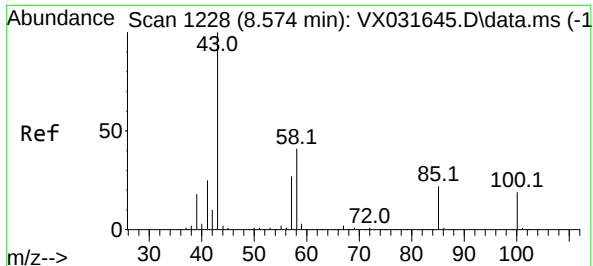
Delta R.T. -0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Tgt Ion: 98 Resp: 254176
 Ion Ratio Lower Upper
 98 100
 100 67.4 52.5 78.7





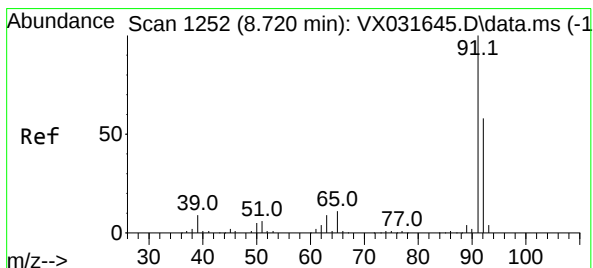
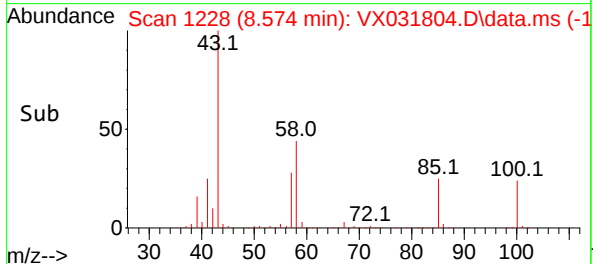
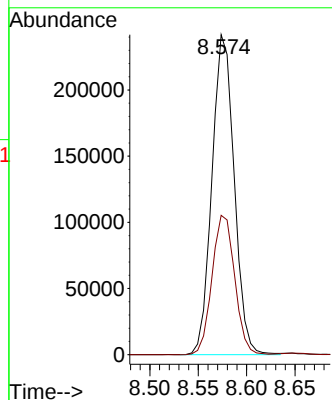
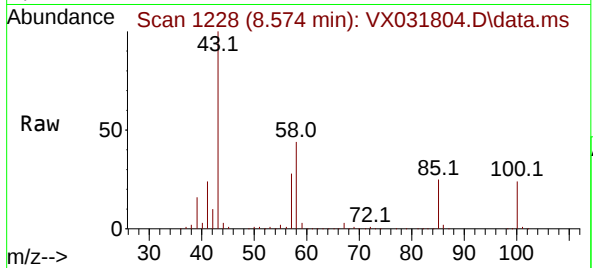
#51
4-Methyl-2-Pentanone
Concen: 219.804 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 38695
Ion Ratio Lower Upper
43 100
58 44.4 30.6 46.0

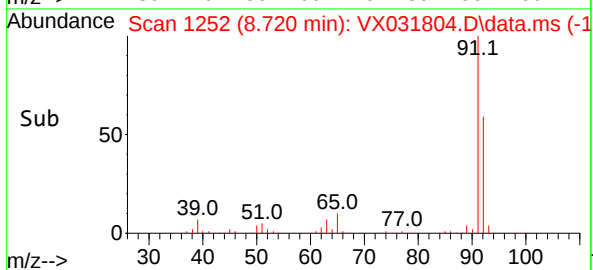
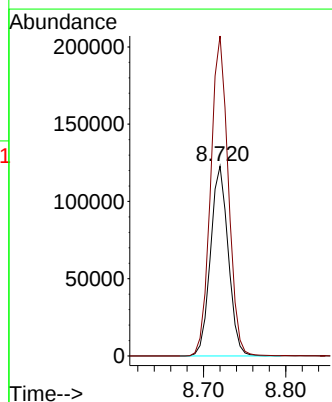
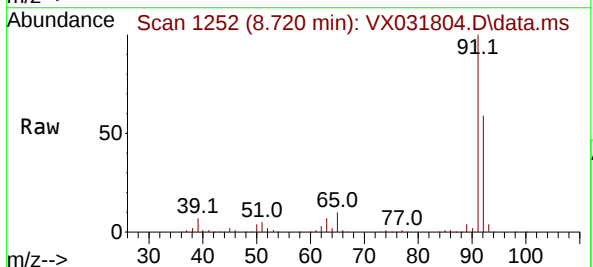
Manual Integrations
APPROVED

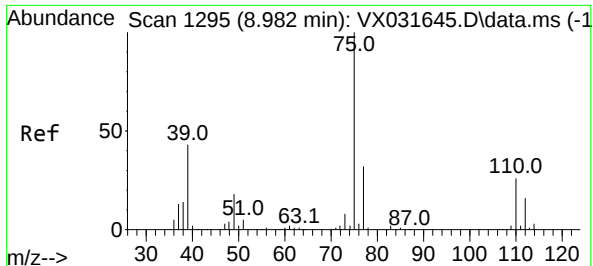
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 51.309 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Tgt Ion: 92 Resp: 184030
Ion Ratio Lower Upper
92 100
91 168.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 42.145 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 9144

Ion Ratio Lower Upper

75 100

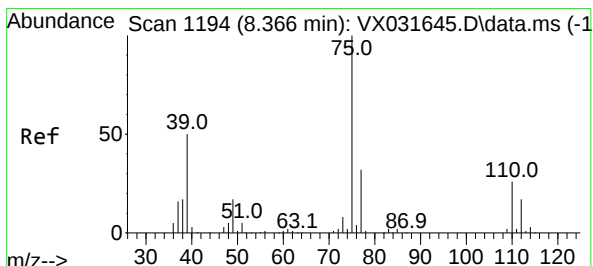
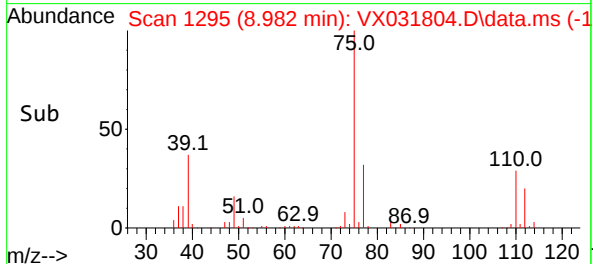
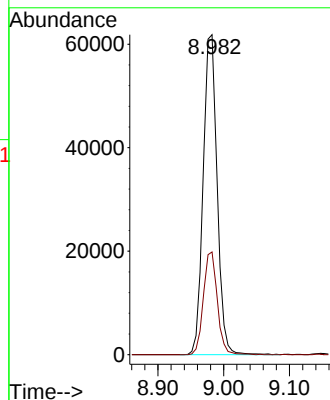
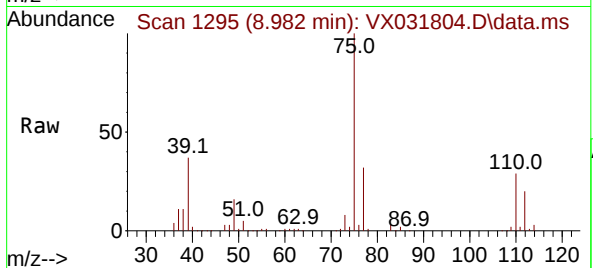
77 32.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#54

cis-1,3-Dichloropropene

Concen: 50.932 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

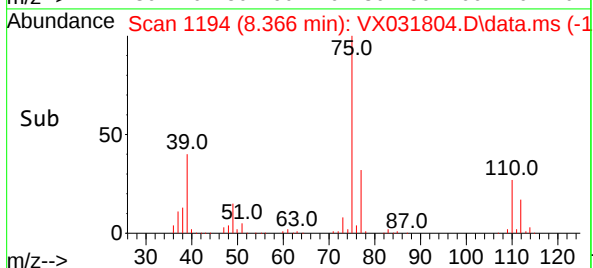
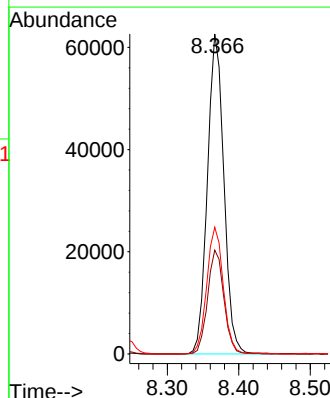
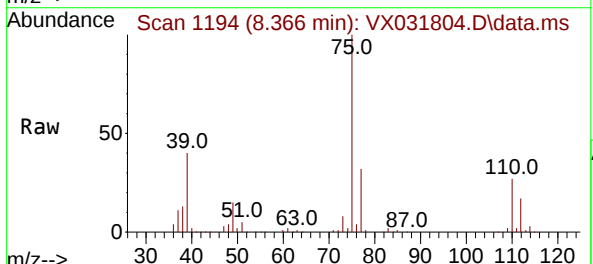
Tgt Ion: 75 Resp: 100171

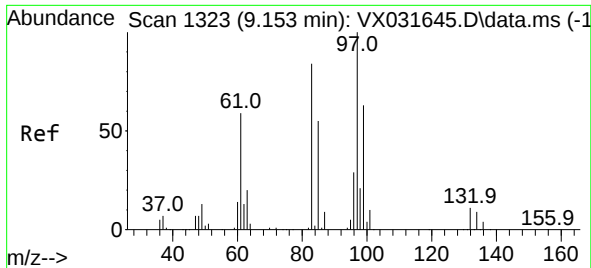
Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6

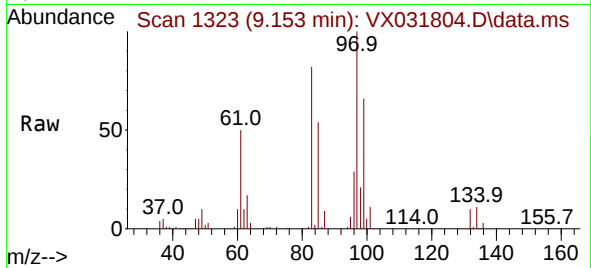
39 39.6 43.7 65.5#





#55
1,1,2-Trichloroethane
Concen: 52.046 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

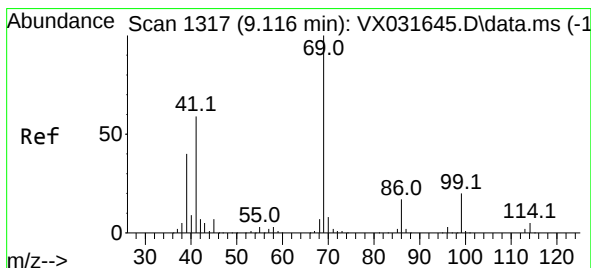
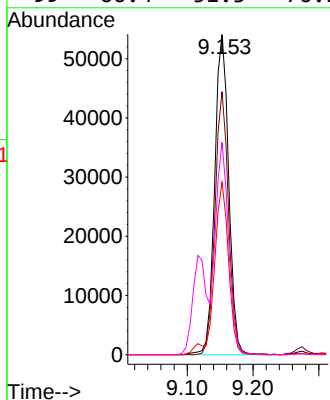
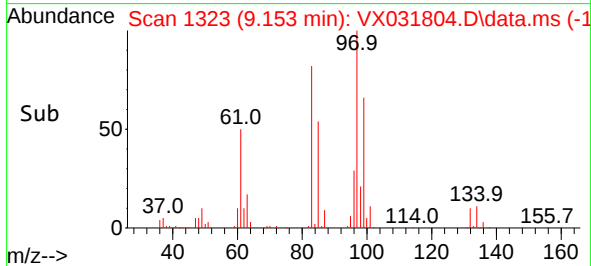
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



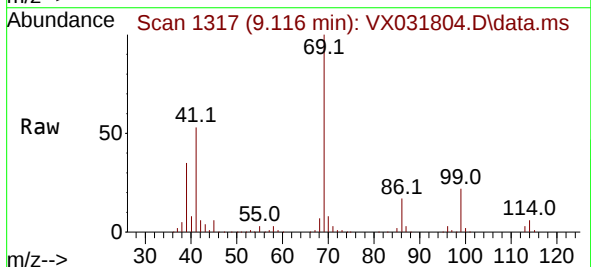
Tgt Ion: 97 Resp: 80372
Ion Ratio Lower Upper
97 100
83 82.2 69.0 103.6
85 53.8 44.1 66.1
99 66.4 51.3 76.9

Manual Integrations
APPROVED

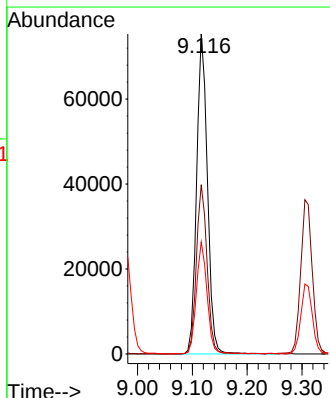
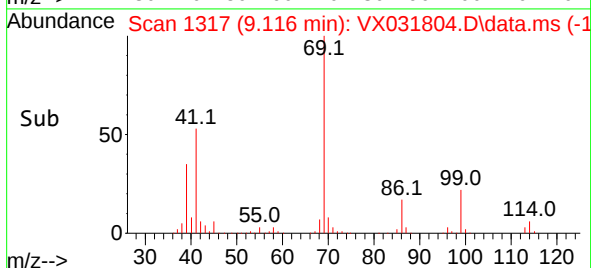
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

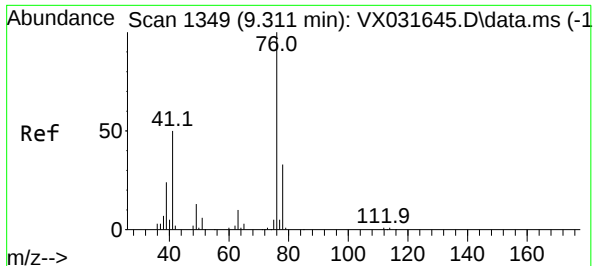


#56
Ethyl methacrylate
Concen: 52.411 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



Tgt Ion: 69 Resp: 103551
Ion Ratio Lower Upper
69 100
41 52.6 54.2 81.4#
39 34.8 34.2 51.2





#57

1,3-Dichloropropane

Concen: 48.393 ug/l

RT: 9.311 min Scan# 118349

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 118349

Ion Ratio Lower Upper

76 100

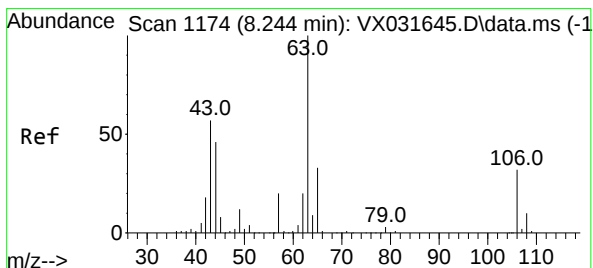
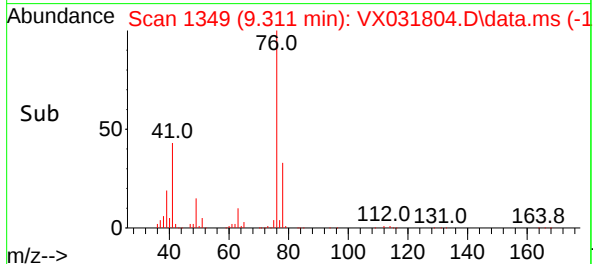
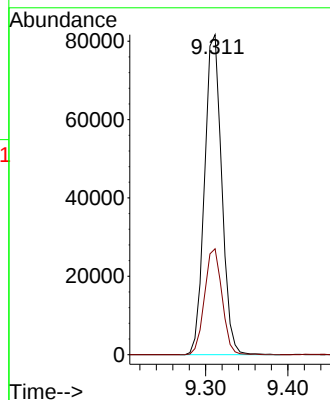
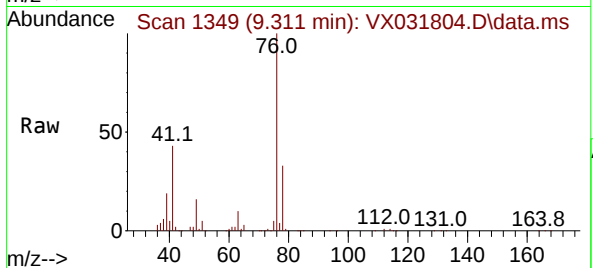
78 33.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 242.464 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031804.D

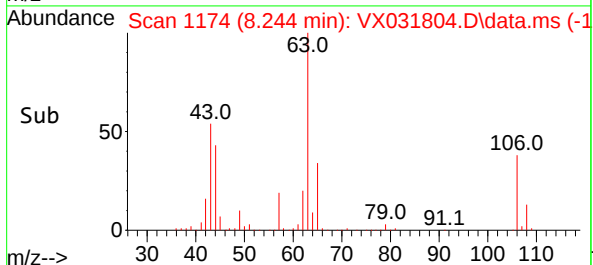
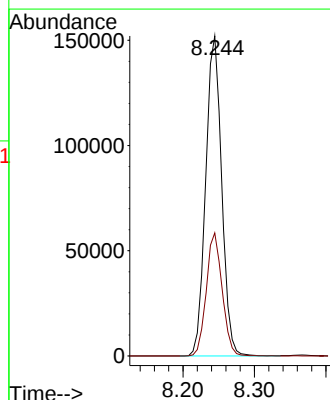
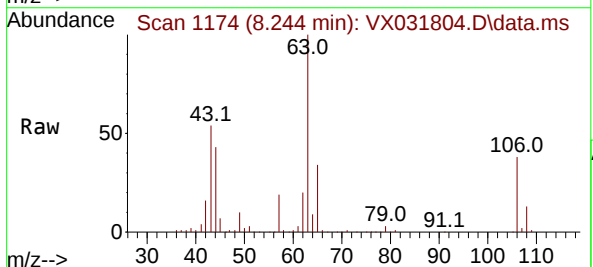
Acq: 30 Sep 2022 06:53

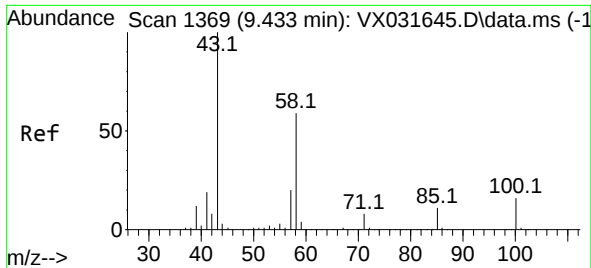
Tgt Ion: 63 Resp: 235891

Ion Ratio Lower Upper

63 100

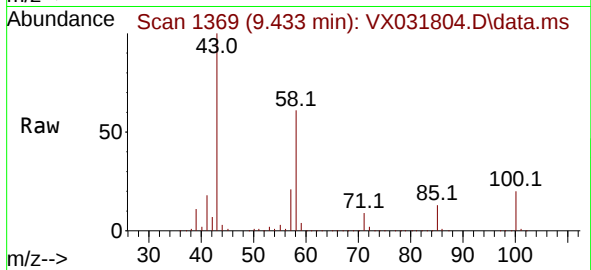
106 38.1 22.6 34.0#





#59
2-Hexanone
Concen: 220.113 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

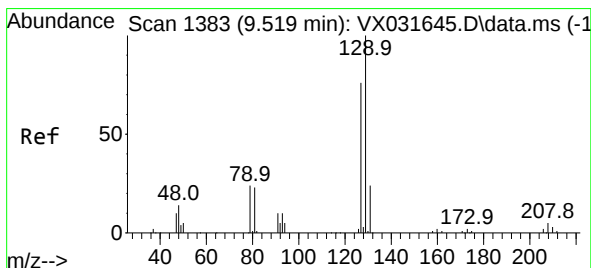
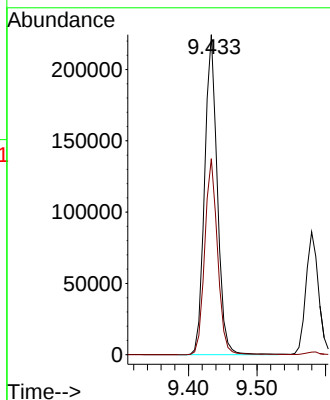
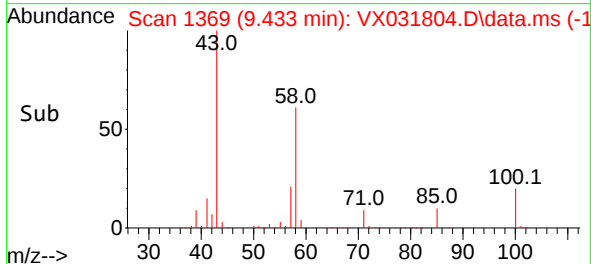
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 28911
Ion Ratio Lower Upper
43 100
58 61.9 26.7 80.0

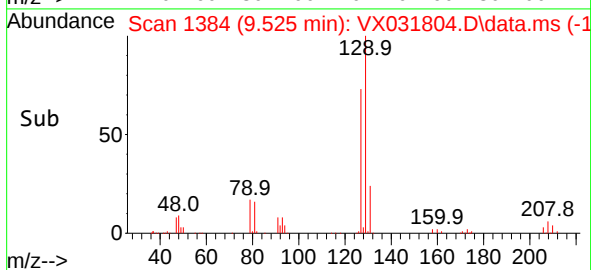
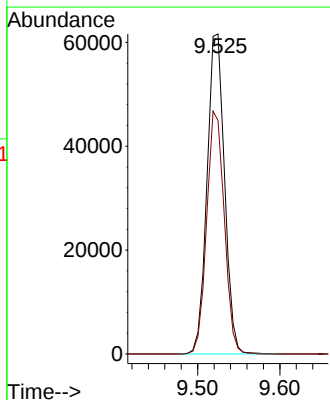
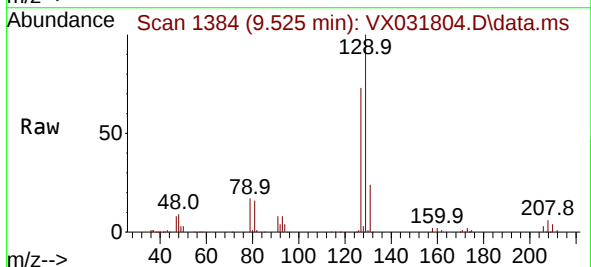
Manual Integrations
APPROVED

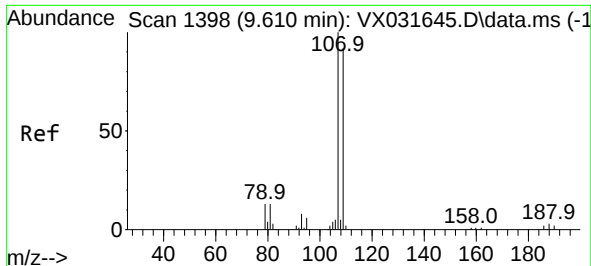
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#60
Dibromochloromethane
Concen: 50.547 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

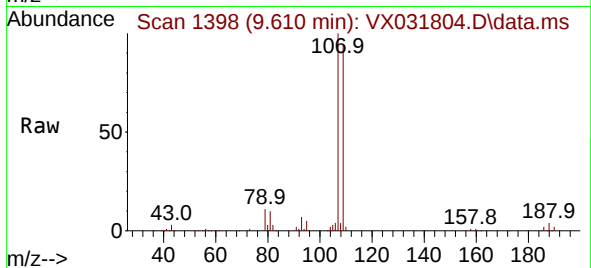
Tgt Ion:129 Resp: 91172
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 55.016 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

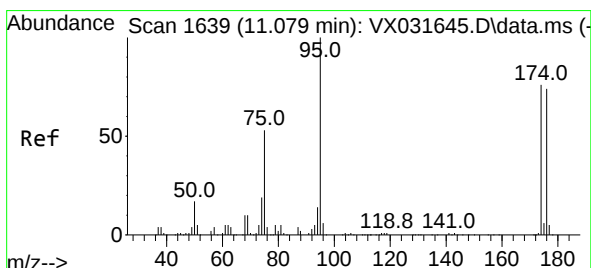
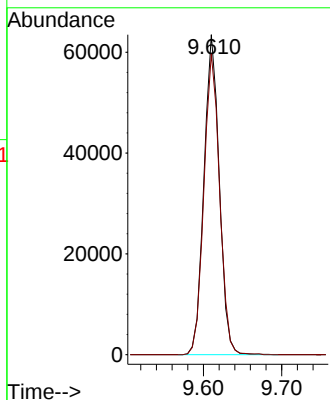
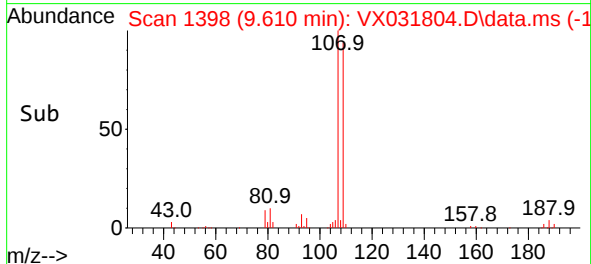
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



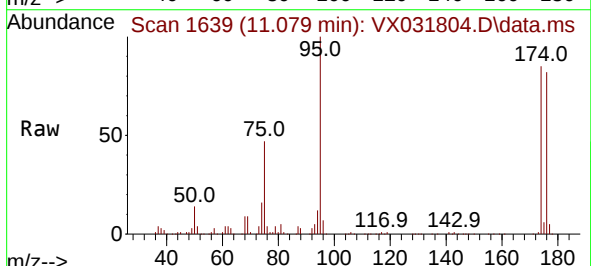
Tgt Ion:107 Resp: 8624
Ion Ratio Lower Upper
107 100
109 96.2 74.2 111.4

Manual Integrations
APPROVED

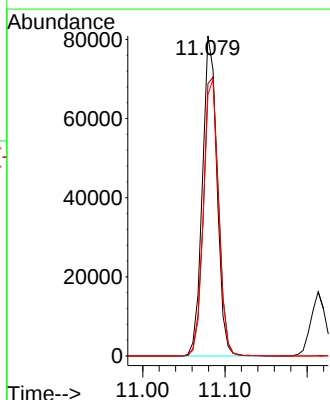
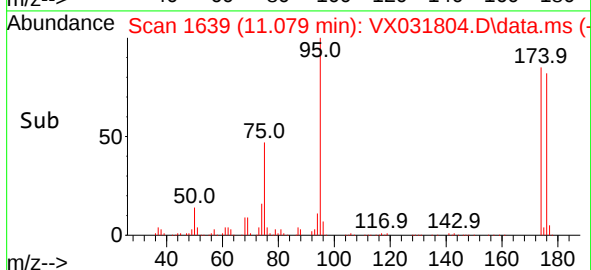
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

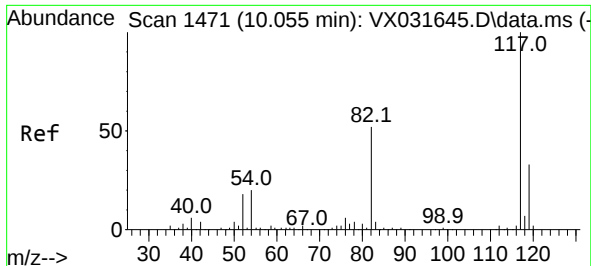


#62
4-Bromofluorobenzene
Concen: 49.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



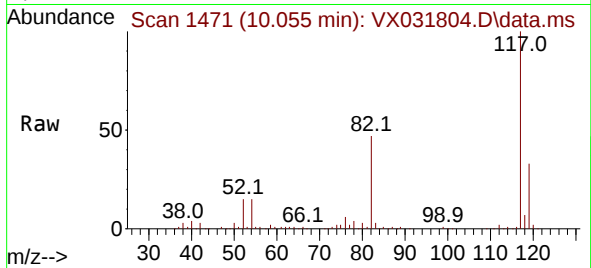
Tgt Ion: 95 Resp: 99334
Ion Ratio Lower Upper
95 100
174 91.6 0.0 153.2
176 89.0 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

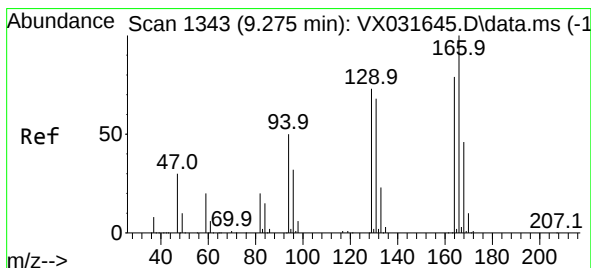
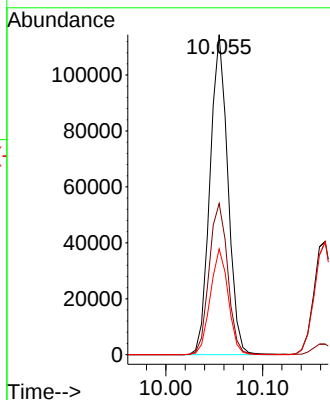
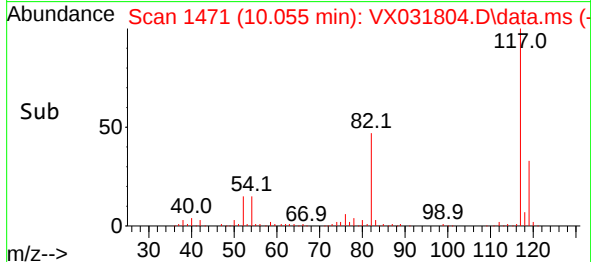
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 146528
Ion Ratio Lower Upper
117 100
82 47.2 46.8 70.2
119 33.1 26.4 39.6

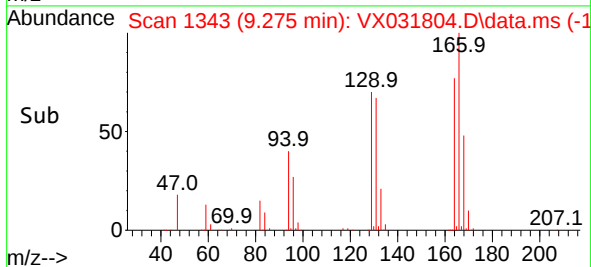
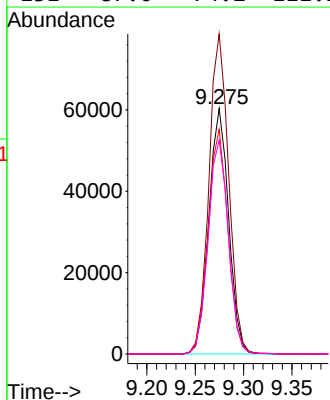
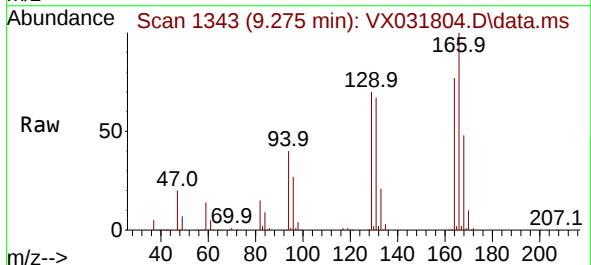
Manual Integrations
APPROVED

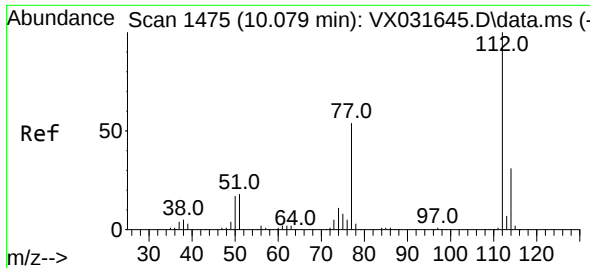
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 54.986 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

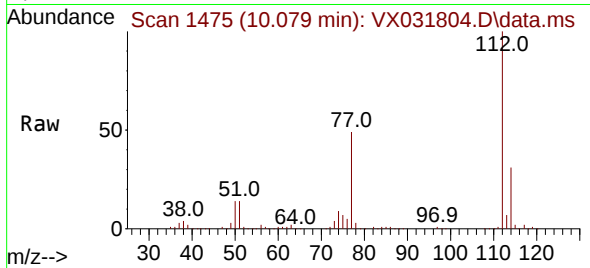
Tgt Ion:164 Resp: 86119
Ion Ratio Lower Upper
164 100
166 130.3 99.0 148.4
129 91.5 78.0 117.0
131 87.0 74.2 111.2





#65
Chlorobenzene
Concen: 53.812 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

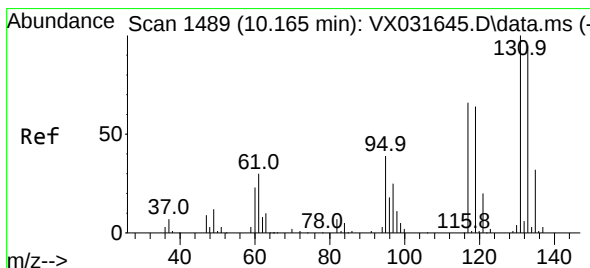
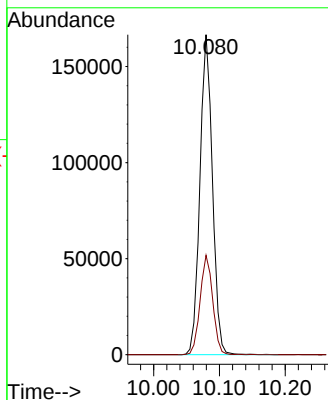
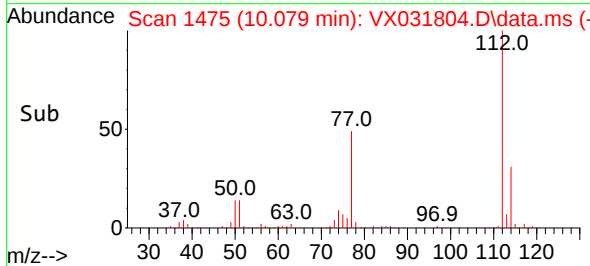
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



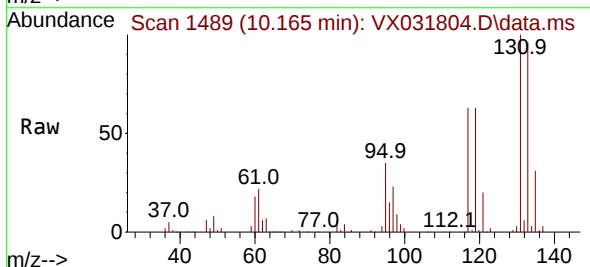
Tgt Ion:112 Resp: 219670
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

Manual Integrations
APPROVED

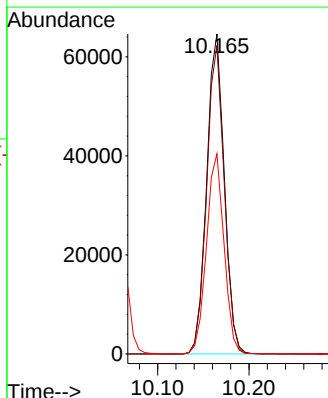
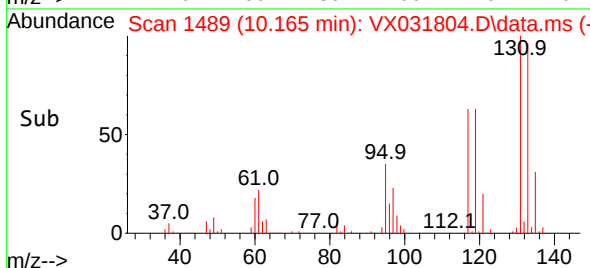
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

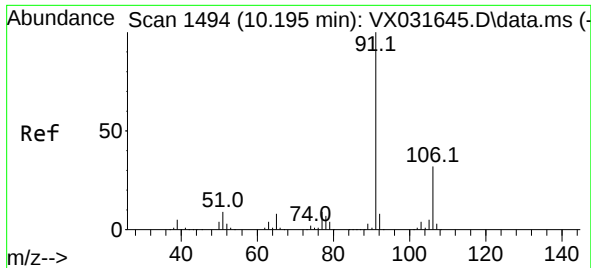


#66
1,1,1,2-Tetrachloroethane
Concen: 58.931 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



Tgt Ion:131 Resp: 86559
Ion Ratio Lower Upper
131 100
133 96.0 46.6 139.7
119 62.3 31.9 95.9





#67

Ethyl Benzene

Concen: 51.509 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 35769

Ion Ratio Lower Upper

91 100

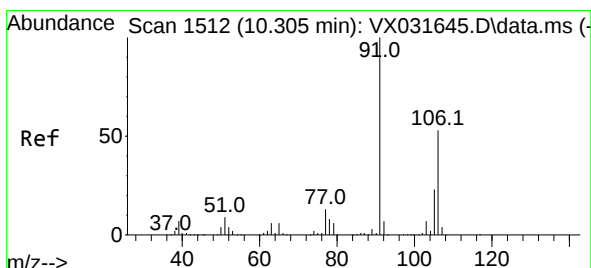
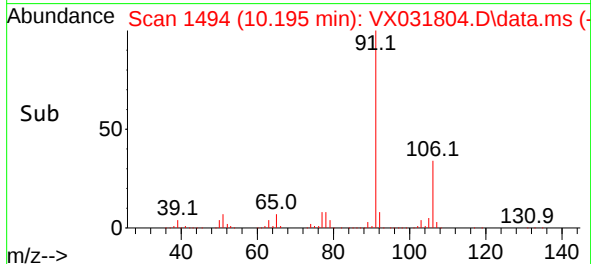
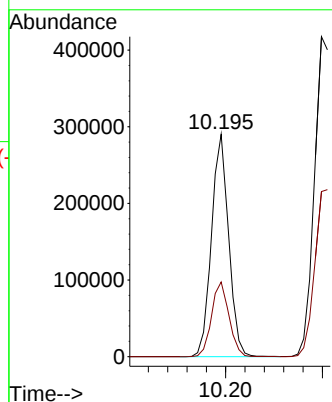
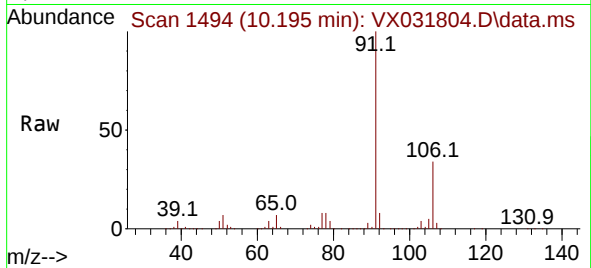
106 33.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#68

m/p-Xylenes

Concen: 107.918 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031804.D

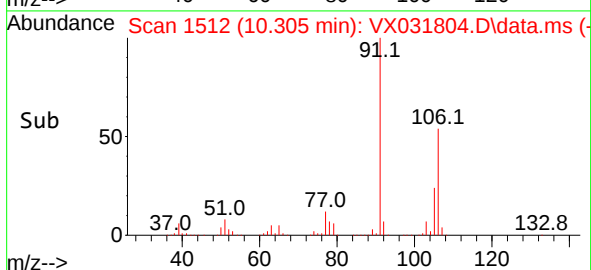
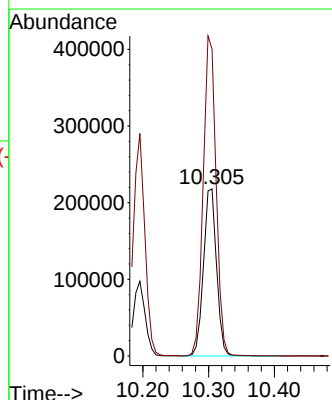
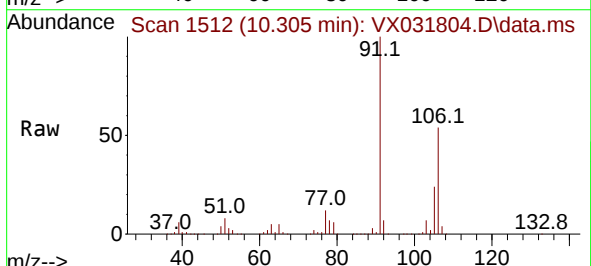
Acq: 30 Sep 2022 06:53

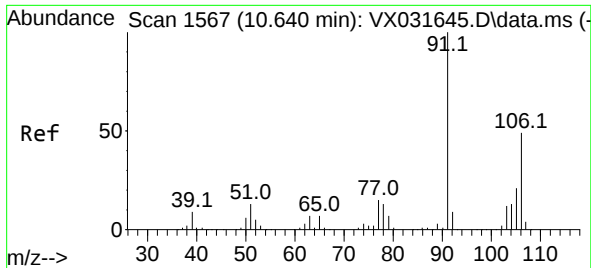
Tgt Ion:106 Resp: 301112

Ion Ratio Lower Upper

106 100

91 189.1 161.0 241.4





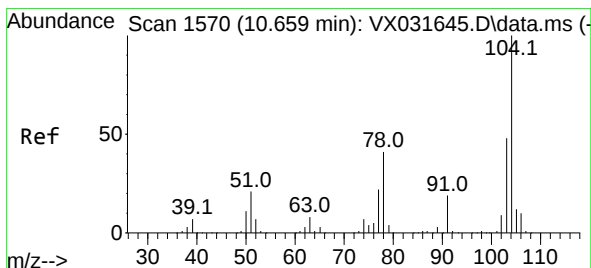
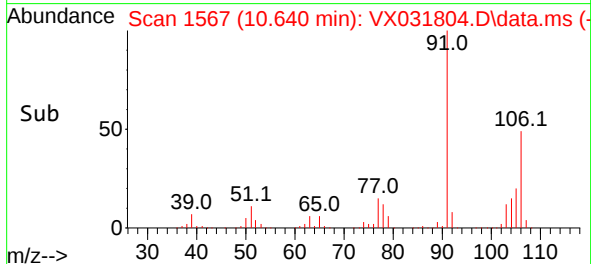
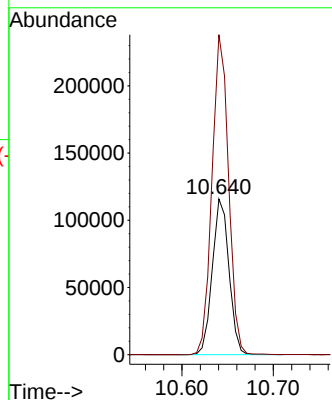
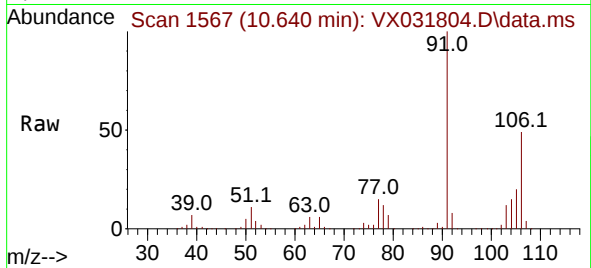
#69
o-Xylene
Concen: 53.720 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14650
Ion Ratio Lower Upper
106 100
91 204.1 107.2 321.6

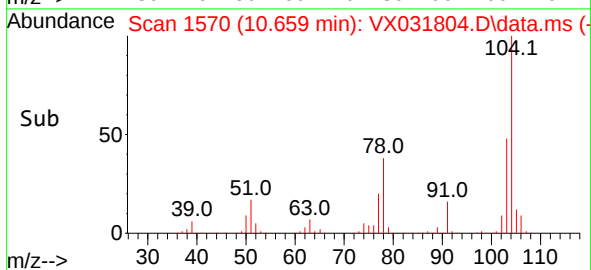
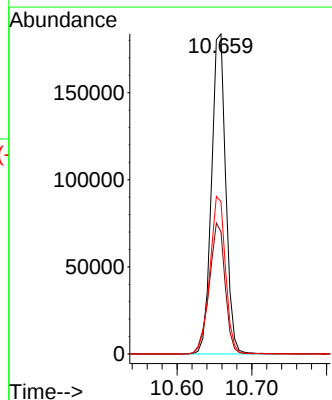
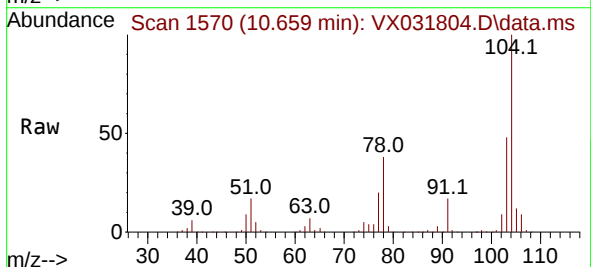
Manual Integrations
APPROVED

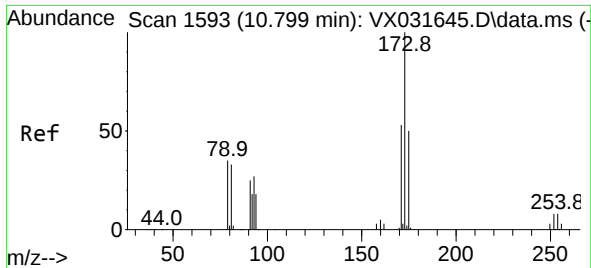
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 54.976 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

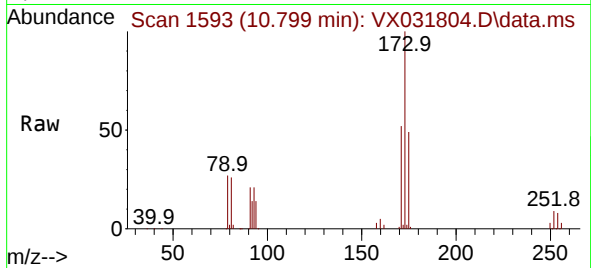
Tgt Ion:104 Resp: 244056
Ion Ratio Lower Upper
104 100
78 45.3 41.4 62.2
103 54.0 43.8 65.8





#71
Bromoform
Concen: 52.672 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

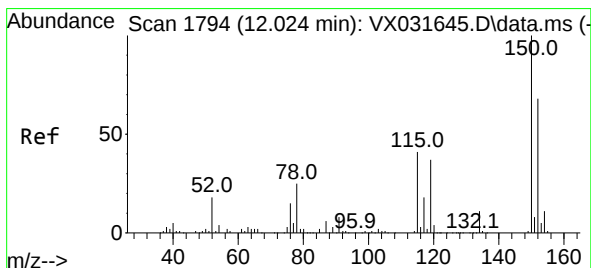
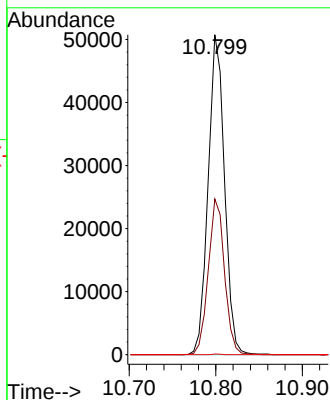
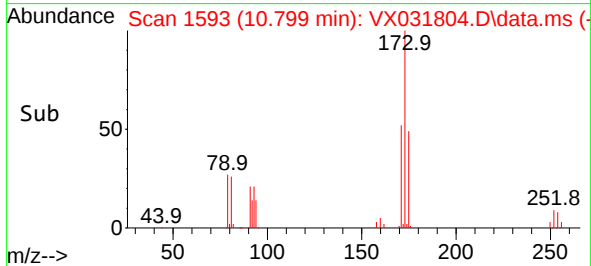
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



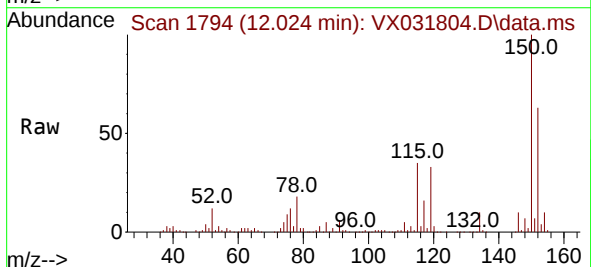
Tgt Ion:173 Resp: 66638
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

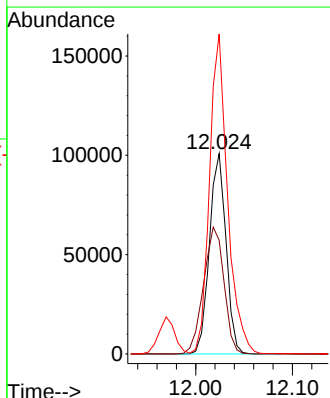
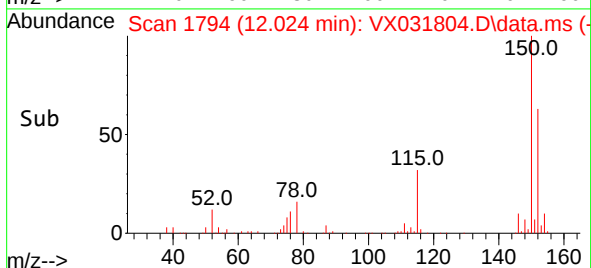
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

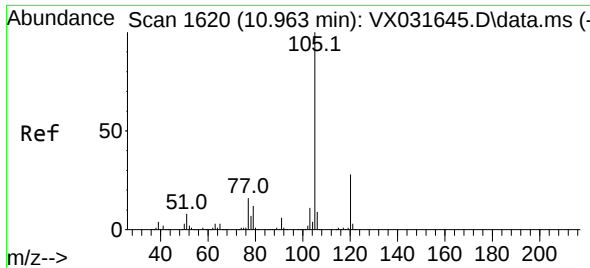


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



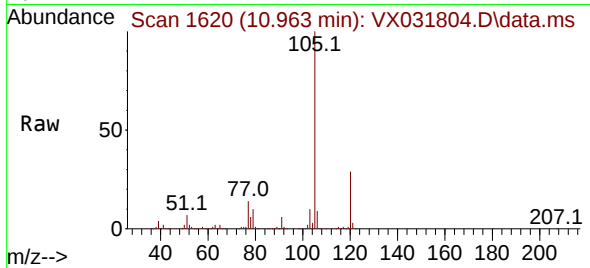
Tgt Ion:152 Resp: 120446
Ion Ratio Lower Upper
152 100
115 77.9 43.4 130.1
150 173.1 0.0 346.8





#73
Isopropylbenzene
Concen: 50.449 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

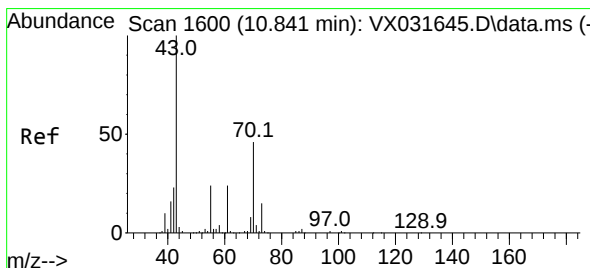
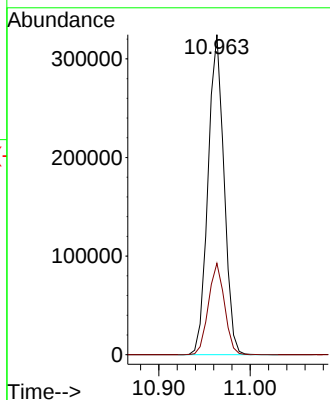
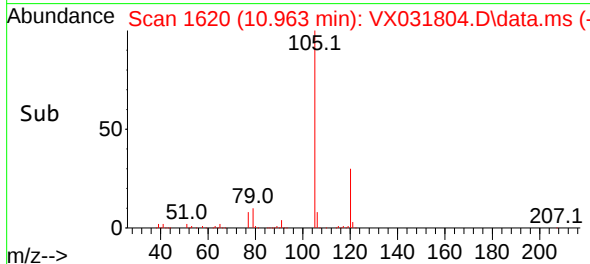
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



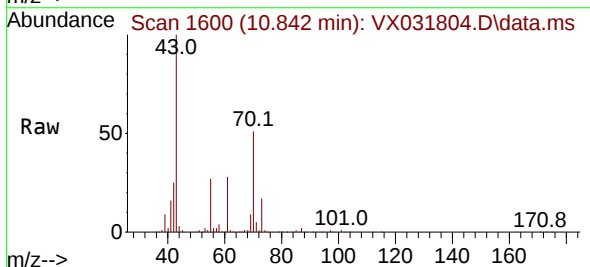
Tgt Ion: 105 Resp: 392963
Ion Ratio Lower Upper
105 100
120 28.6 13.7 41.0

Manual Integrations
APPROVED

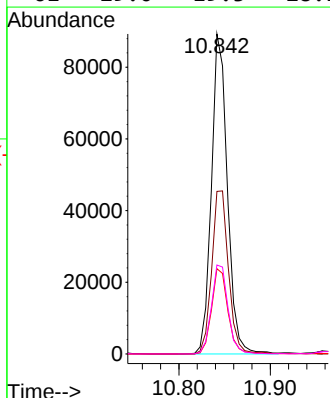
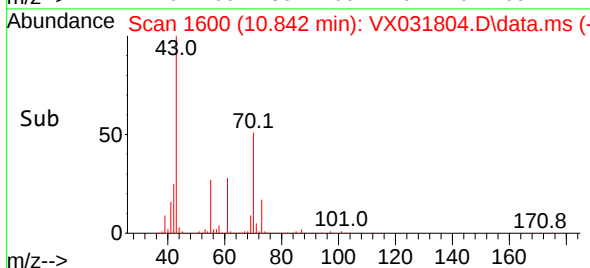
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

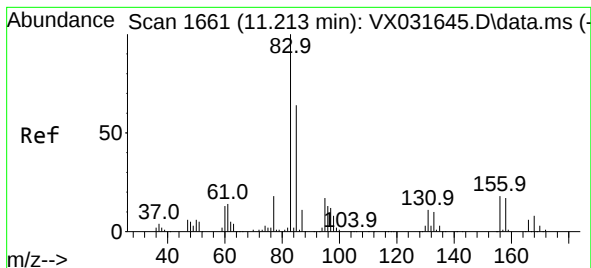


#74
N-ethyl acetate
Concen: 42.844 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



Tgt Ion: 43 Resp: 108253
Ion Ratio Lower Upper
43 100
70 53.8 33.4 50.2#
55 27.5 18.2 27.2#
61 29.0 19.3 28.9#





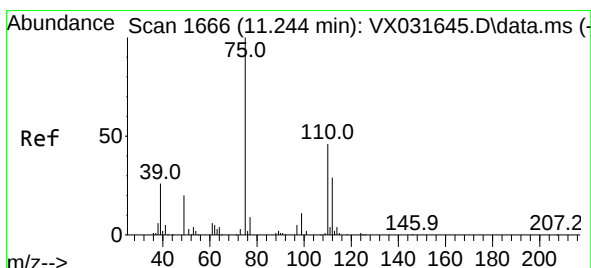
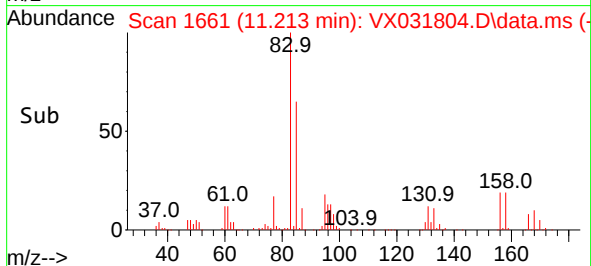
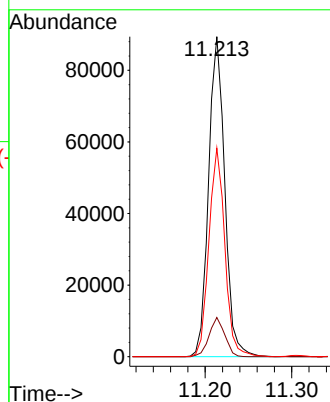
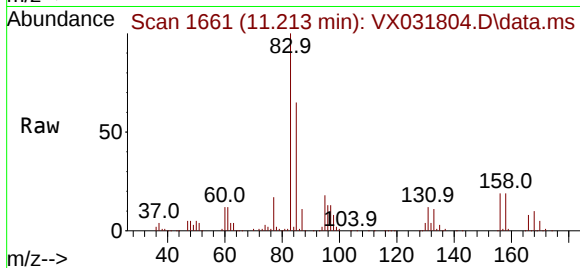
#75
1,1,2,2-Tetrachloroethane
Concen: 46.881 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 116030
Ion Ratio Lower Upper
83 100
131 11.9 5.1 15.4
85 64.3 32.6 97.8

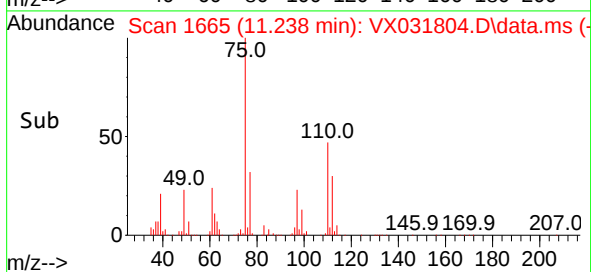
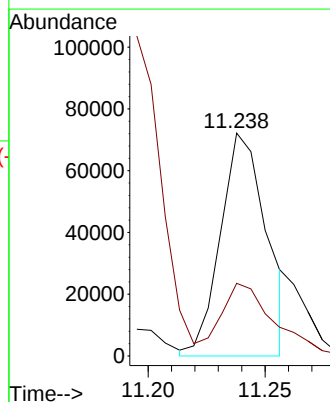
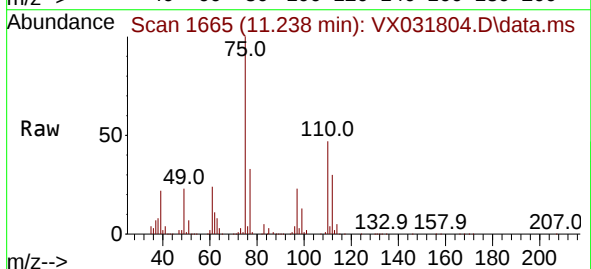
Manual Integrations
APPROVED

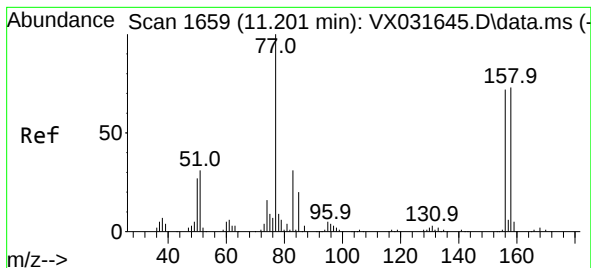
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#76
1,2,3-Trichloropropane
Concen: 45.151 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Tgt Ion: 75 Resp: 98590
Ion Ratio Lower Upper
75 100
77 38.3 20.3 60.9





#77

Bromobenzene

Concen: 53.673 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

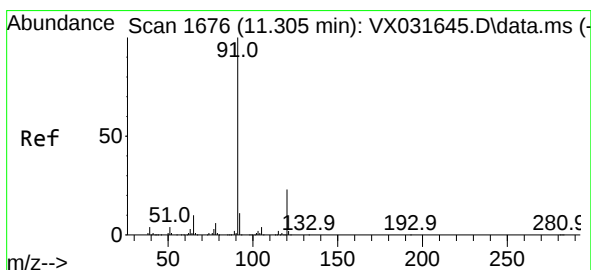
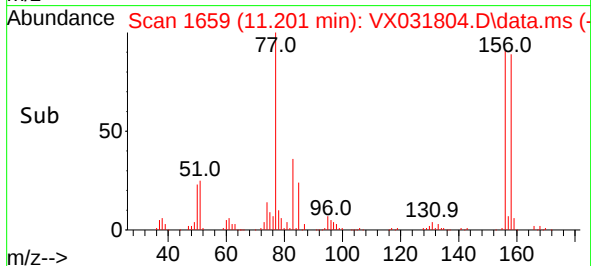
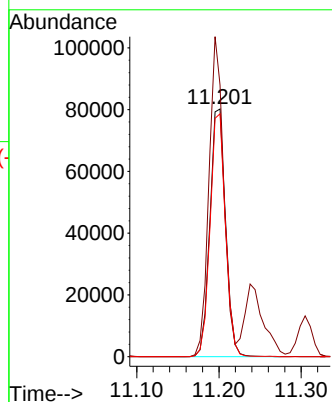
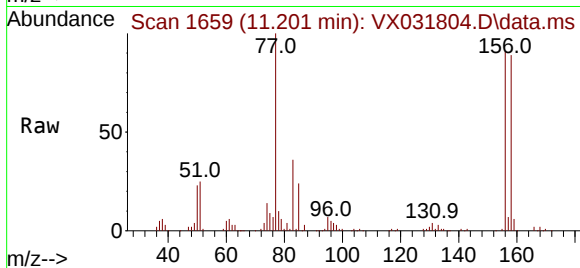
Tgt Ion:	156	Resp:	106280
Ion Ratio	Lower	Upper	
156	100		
77	120.8	79.5	238.6
158	96.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#78

n-propylbenzene

Concen: 49.168 ug/l

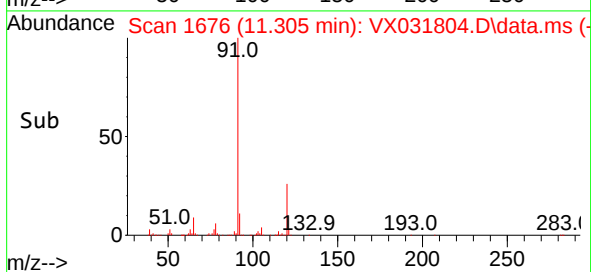
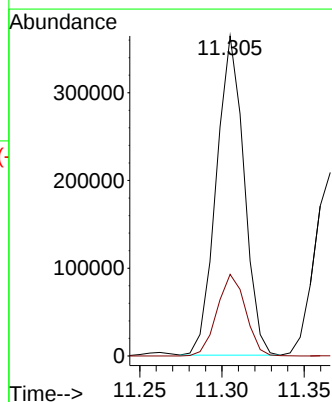
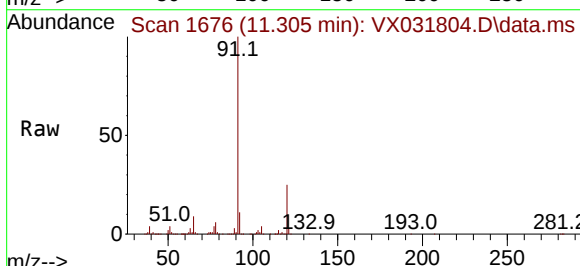
RT: 11.305 min Scan# 1676

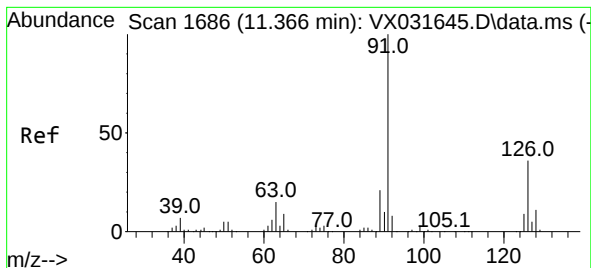
Delta R.T. -0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Tgt Ion:	91	Resp:	426175
Ion Ratio	Lower	Upper	
91	100		
120	26.2	11.8	35.4





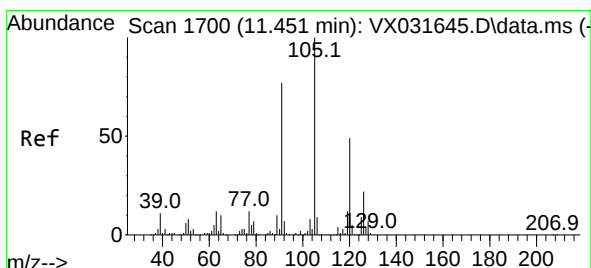
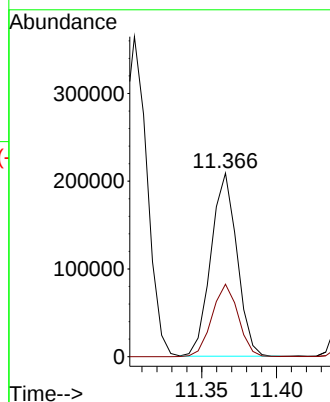
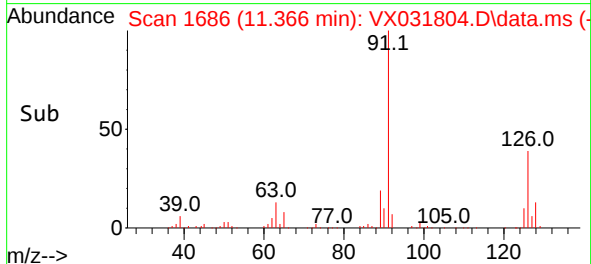
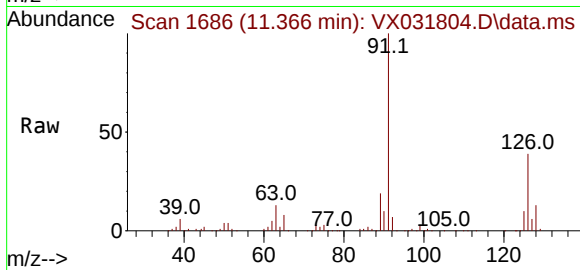
#79
2-Chlorotoluene
Concen: 47.305 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 253197
Ion Ratio Lower Upper
91 100
126 39.8 17.4 52.3

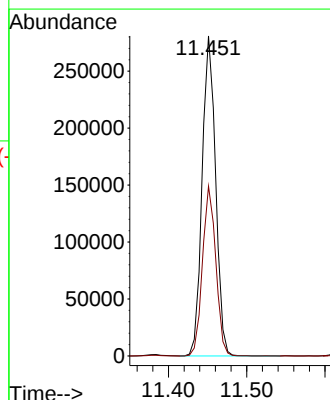
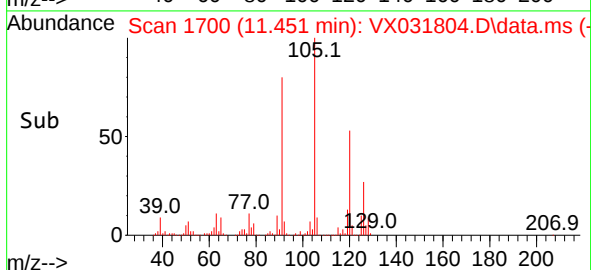
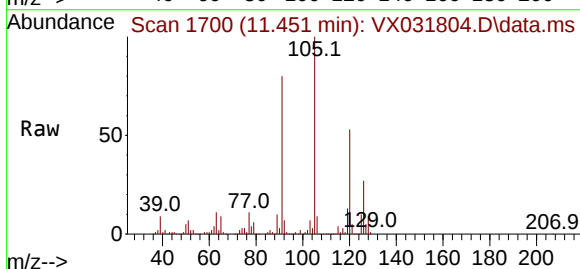
Manual Integrations
APPROVED

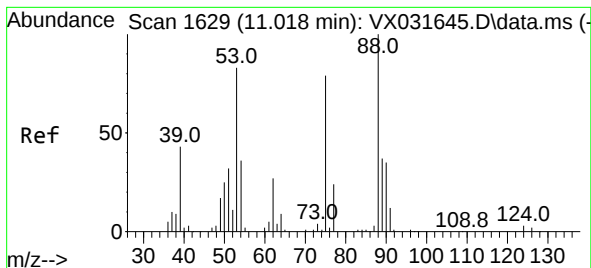
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.789 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Tgt Ion:105 Resp: 335354
Ion Ratio Lower Upper
105 100
120 52.4 24.5 73.5





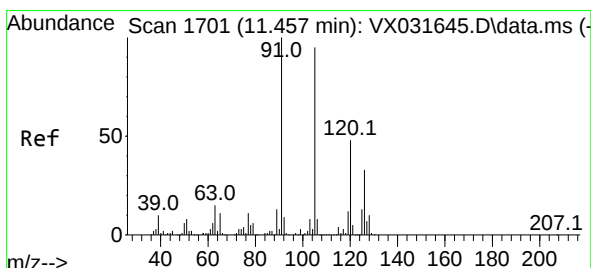
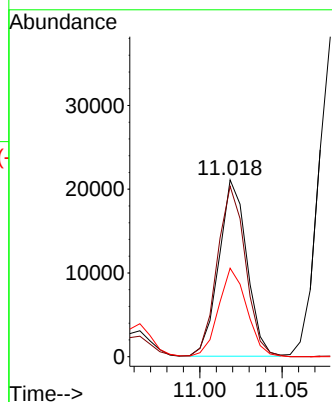
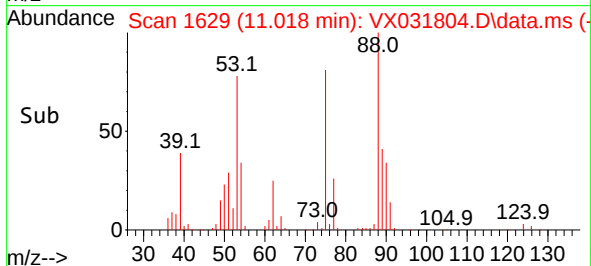
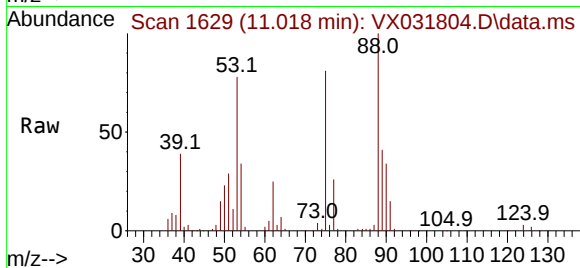
#81
trans-1,4-Dichloro-2-butene
Concen: 39.629 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 25000
Ion Ratio Lower Upper
75 100
53 97.8 77.6 116.4
89 50.5 37.4 56.0

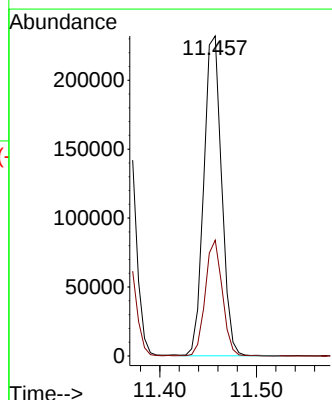
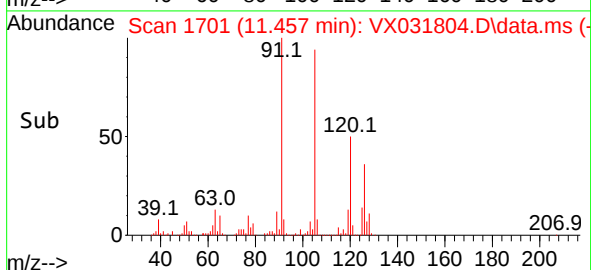
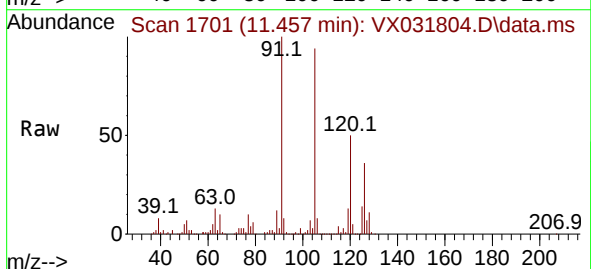
Manual Integrations
APPROVED

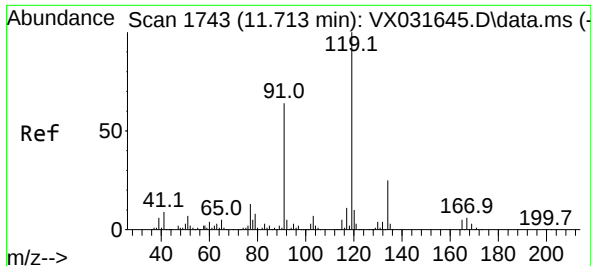
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 48.104 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

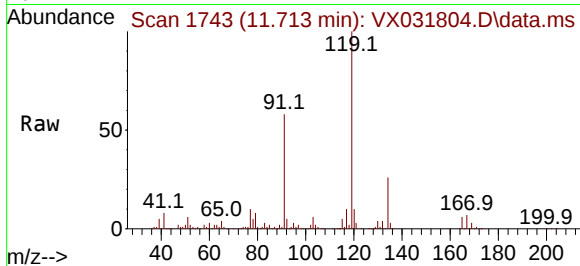
Tgt Ion: 91 Resp: 297455
Ion Ratio Lower Upper
91 100
126 34.7 15.1 45.3





#83
tert-Butylbenzene
Concen: 54.655 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

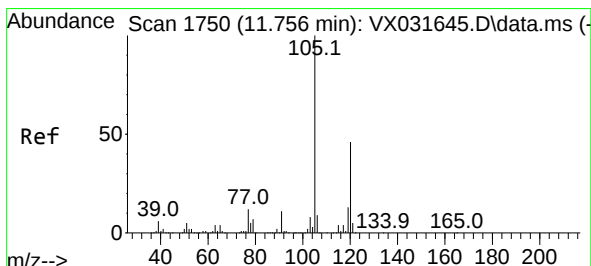
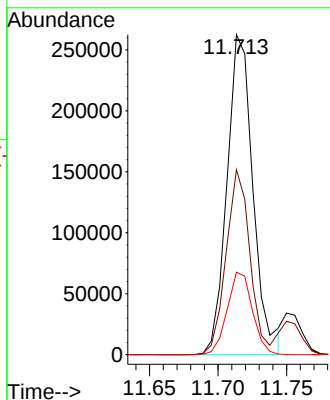
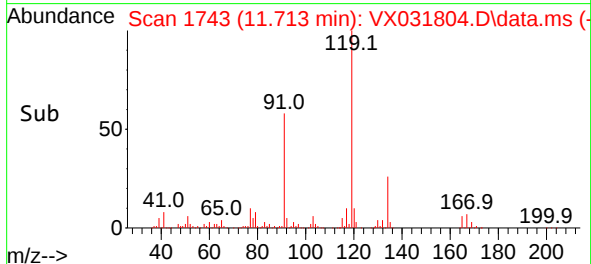
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



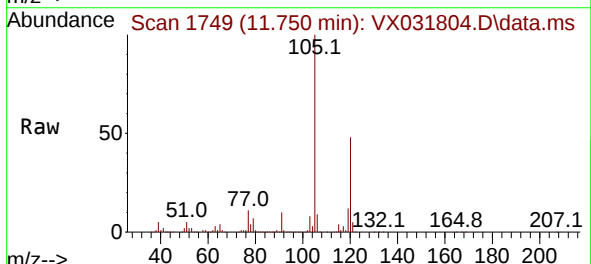
Tgt Ion:119 Resp: 34801
Ion Ratio Lower Upper
119 100
91 52.9 29.2 87.6
134 24.9 11.6 34.8

Manual Integrations
APPROVED

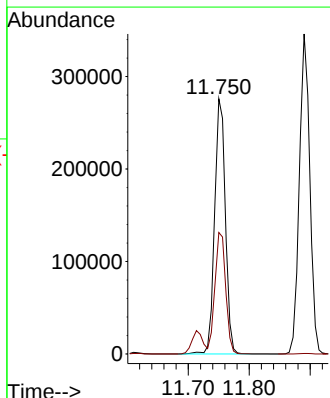
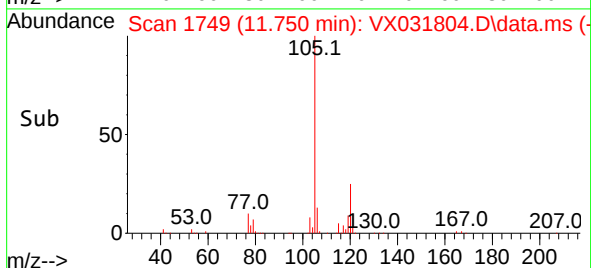
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

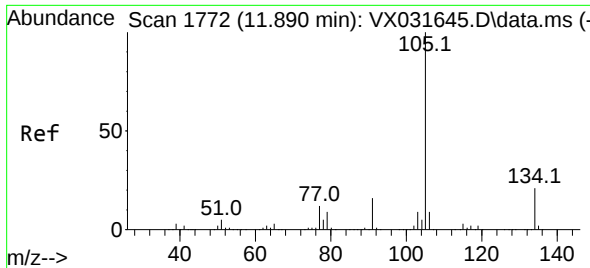


#84
1,2,4-Trimethylbenzene
Concen: 51.691 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



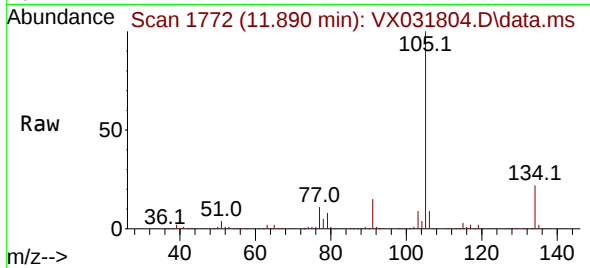
Tgt Ion:105 Resp: 337837
Ion Ratio Lower Upper
105 100
120 47.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 50.980 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031804.D
 Acq: 30 Sep 2022 06:53

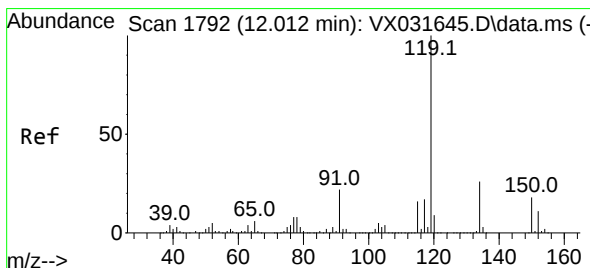
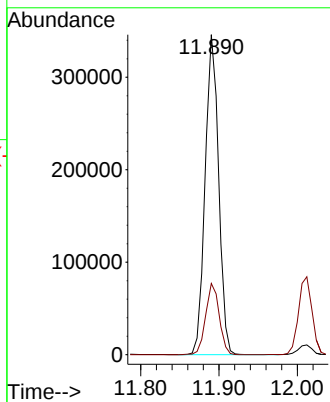
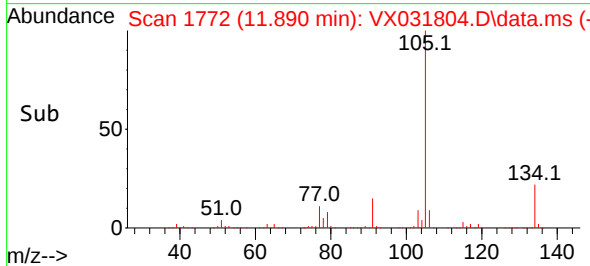
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



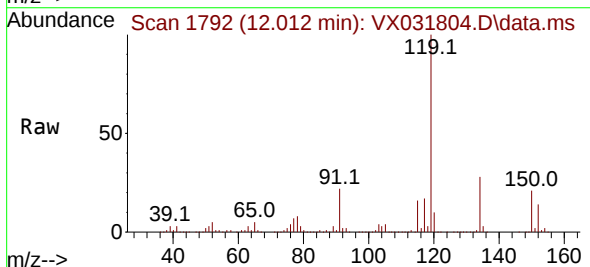
Tgt Ion:105 Resp: 41253
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.4 31.1

Manual Integrations
 APPROVED

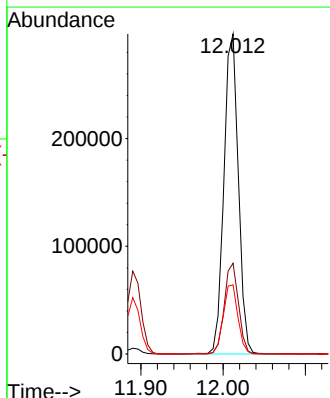
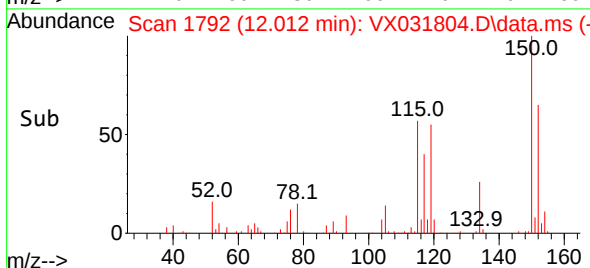
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/06/2022

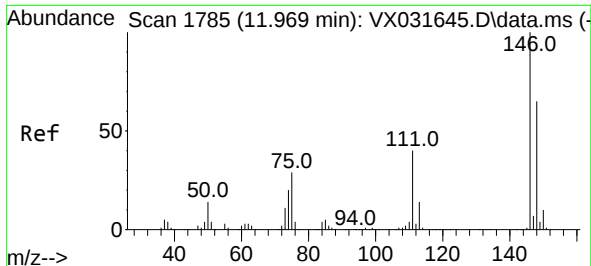


#86
 p-Isopropyltoluene
 Concen: 52.084 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031804.D
 Acq: 30 Sep 2022 06:53



Tgt Ion:119 Resp: 363456
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.4 40.2
 91 22.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.969 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

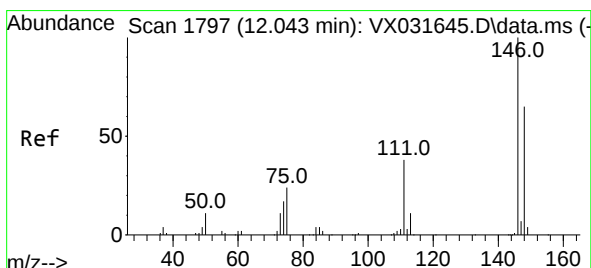
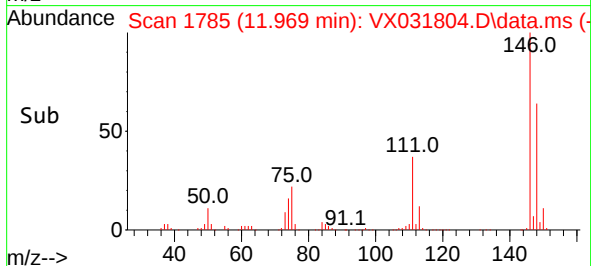
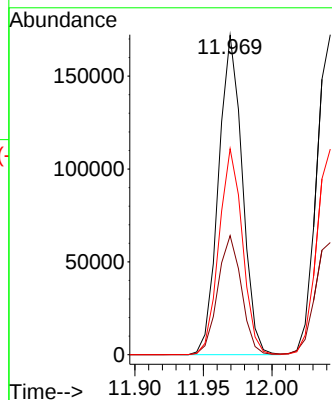
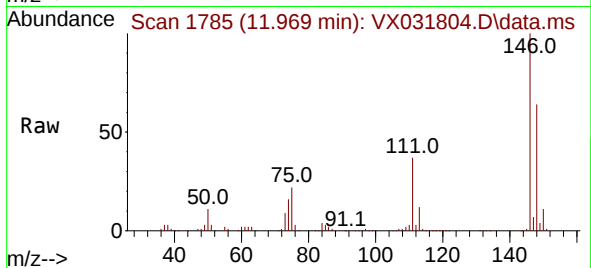
Tgt Ion:146 Resp: 207174
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.8 59.4
 148 63.6 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

Concen: 52.356 ug/l

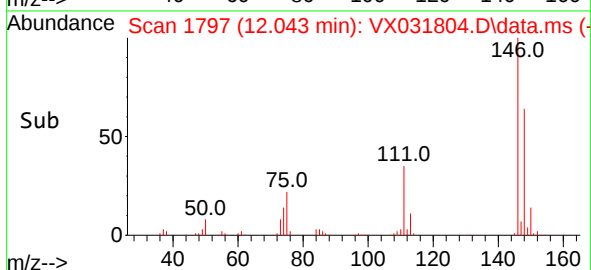
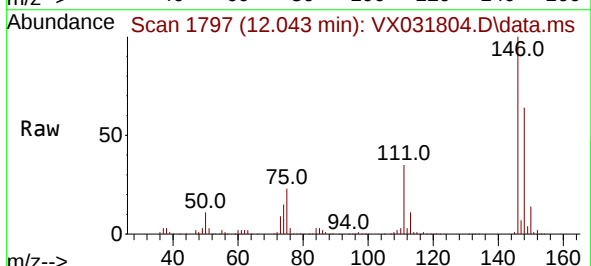
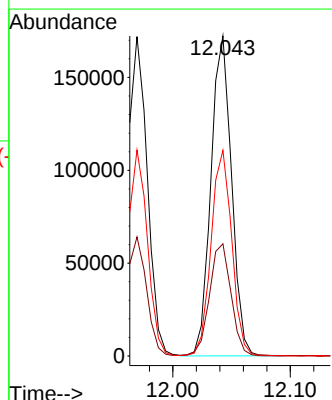
RT: 12.043 min Scan# 1797

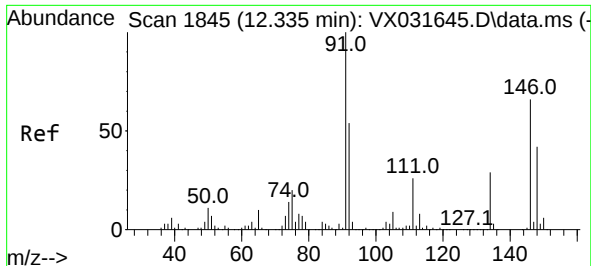
Delta R.T. -0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Tgt Ion:146 Resp: 210378
 Ion Ratio Lower Upper
 146 100
 111 36.7 20.5 61.5
 148 64.6 32.0 96.2





#89

n-Butylbenzene

Concen: 47.385 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 270110

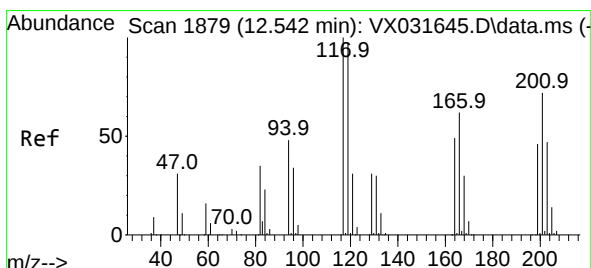
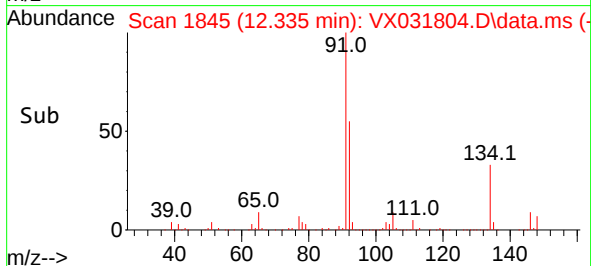
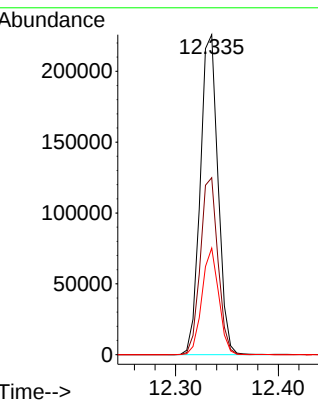
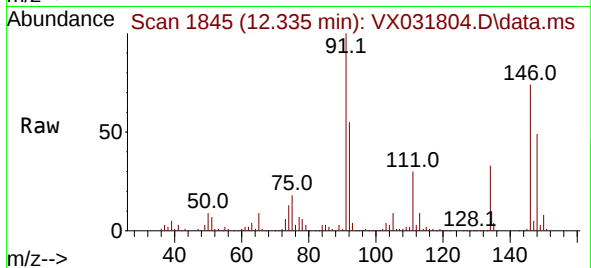
Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.0	81.0
134	31.5	13.3	39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#90

Hexachloroethane

Concen: 51.817 ug/l

RT: 12.536 min Scan# 1878

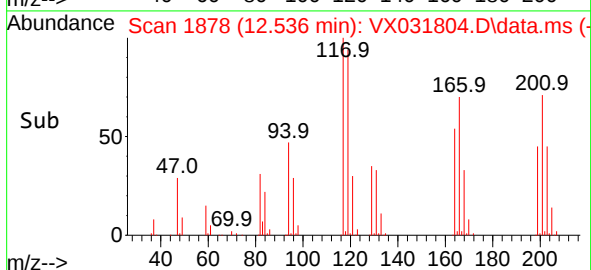
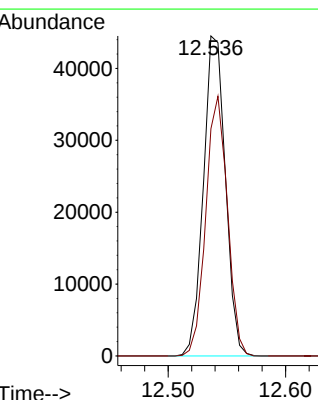
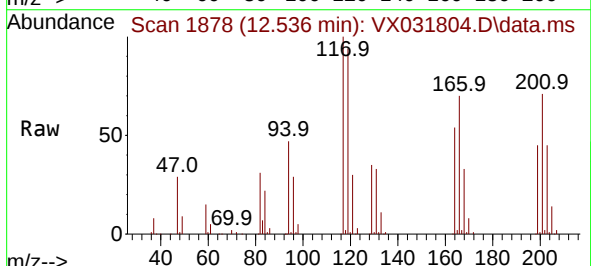
Delta R.T. -0.006 min

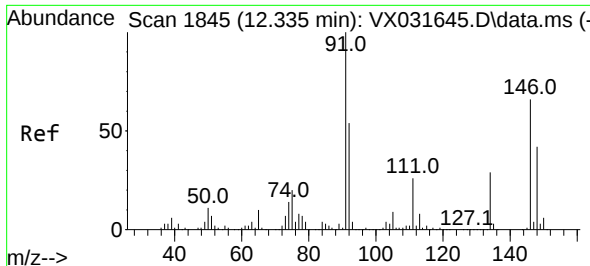
Lab File: VX031804.D

Acq: 30 Sep 2022 06:53

Tgt Ion:117 Resp: 57982

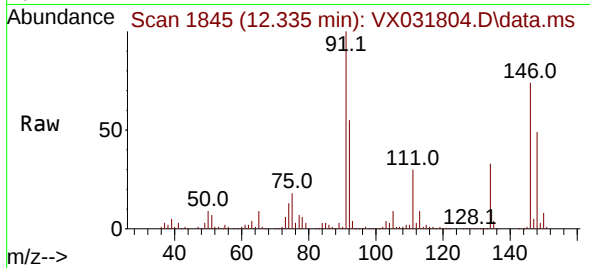
Ion	Ratio	Lower	Upper
117	100		
201	79.9	34.8	104.4





#91
1,2-Dichlorobenzene
Concen: 54.005 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

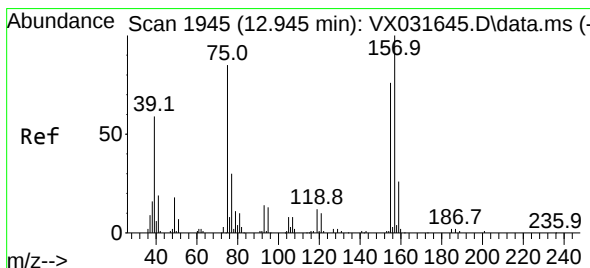
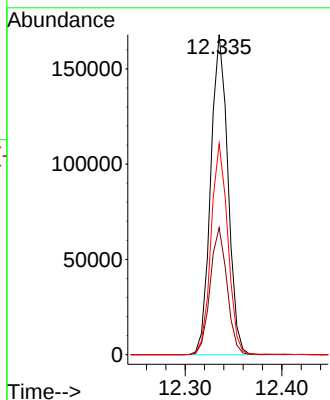
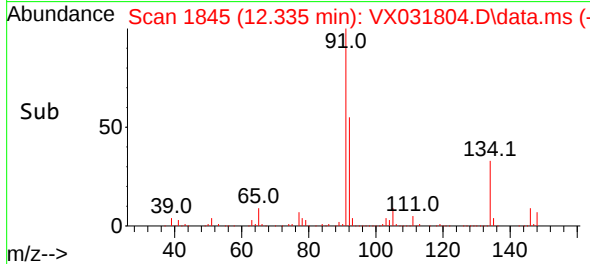
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



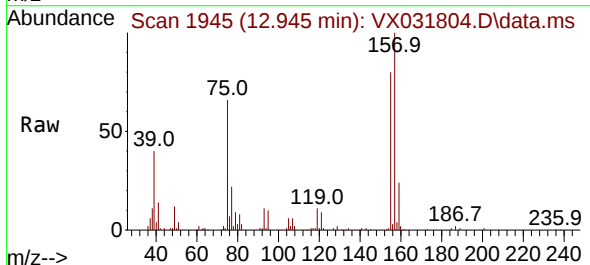
Tgt Ion:146 Resp: 207610
Ion Ratio Lower Upper
146 100
111 38.9 20.6 61.8
148 64.5 31.6 95.0

Manual Integrations
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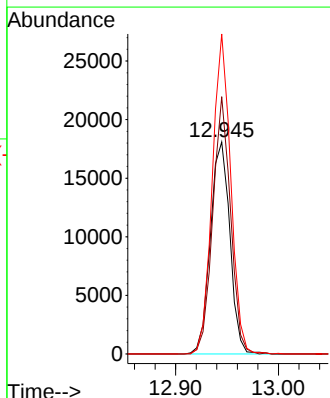
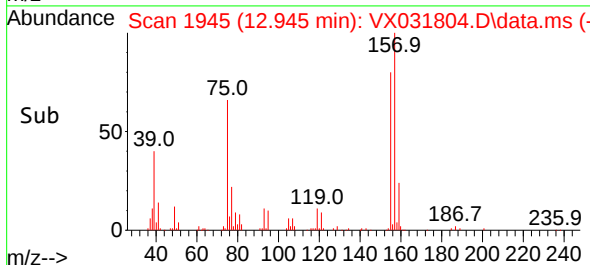
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

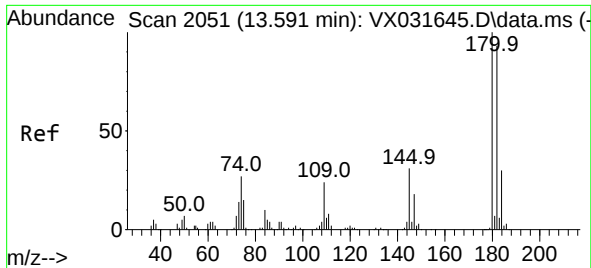


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.997 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



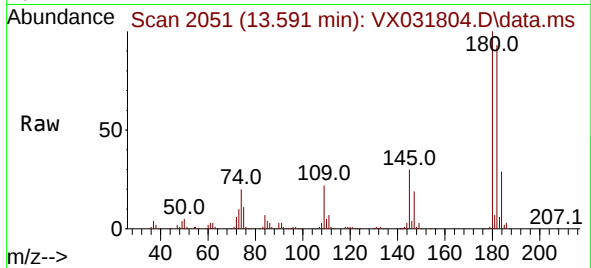
Tgt Ion: 75 Resp: 23804
Ion Ratio Lower Upper
75 100
155 110.7 40.3 120.8
157 142.1 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 57.450 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

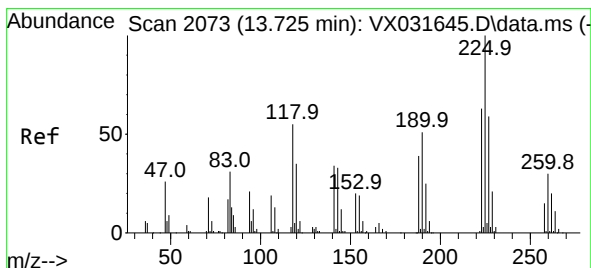
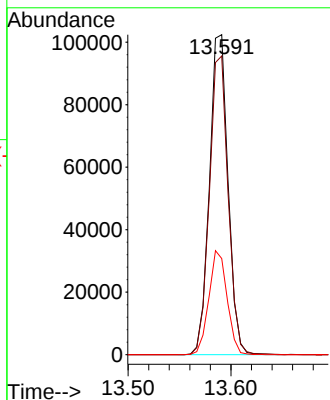
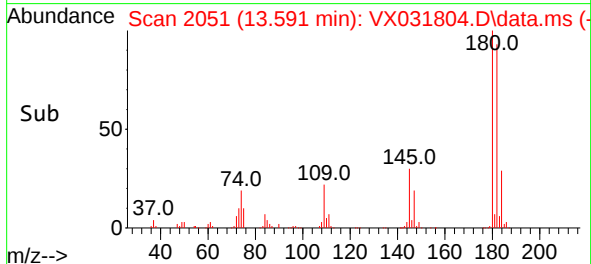
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



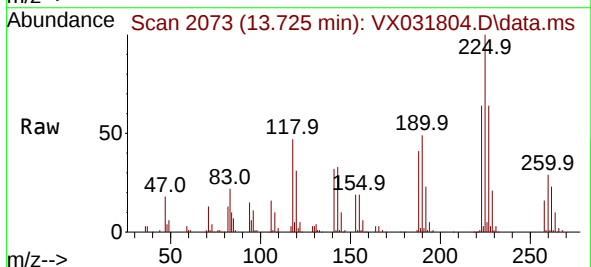
Tgt Ion:180 Resp: 129154
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.6
145 31.9 16.7 50.1

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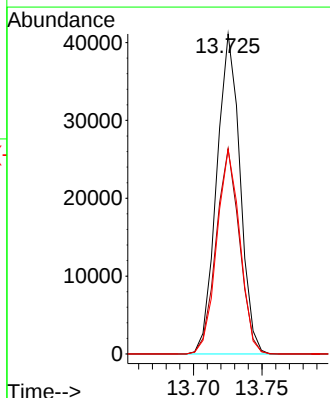
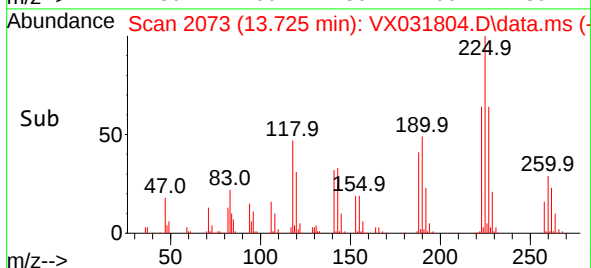
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

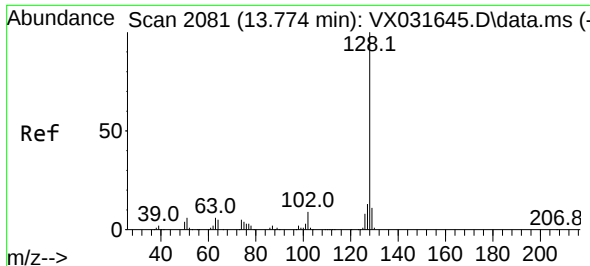


#94
Hexachlorobutadiene
Concen: 55.522 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53



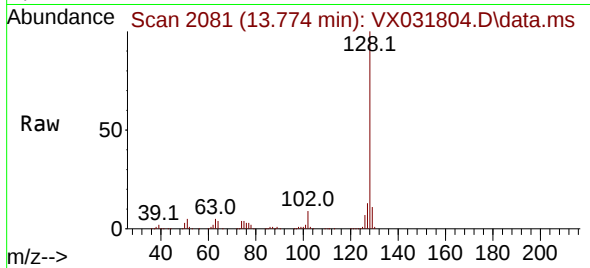
Tgt Ion:225 Resp: 48672
Ion Ratio Lower Upper
225 100
223 64.2 30.8 92.4
227 63.3 32.3 96.9





#95
Naphthalene
Concen: 57.105 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

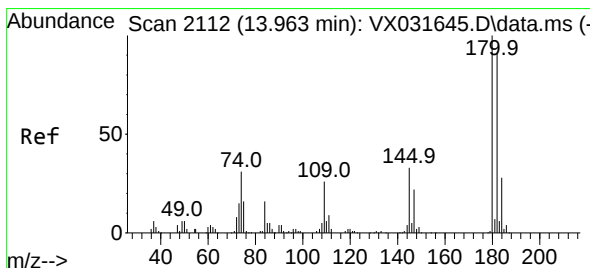
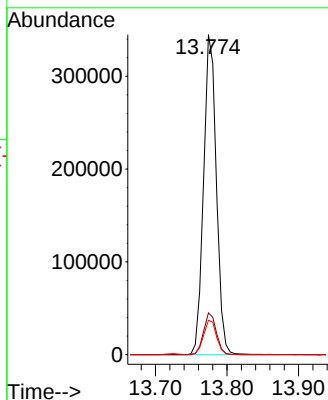
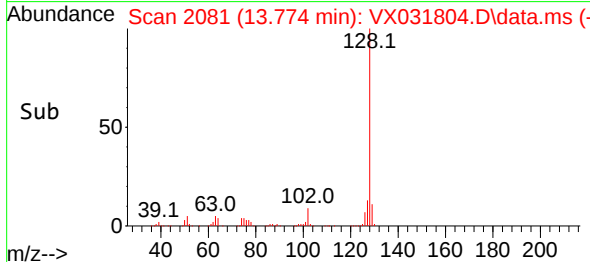
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 42882
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.225 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031804.D
Acq: 30 Sep 2022 06:53

Tgt Ion:180 Resp: 129724
Ion Ratio Lower Upper
180 100
182 97.1 47.9 143.8
145 33.1 17.6 52.8

