

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013435.D
 Acq On : 25 Apr 2023 07:44
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 25 08:05:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	222347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131483	53.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.880%	
35) Dibromofluoromethane	7.716	113	116128	51.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.179	98	400885	50.430	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.477	95	139922	52.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	109216	51.668	ug/l	100
3) Chloromethane	2.107	50	124525	43.949	ug/l	99
4) Vinyl Chloride	2.247	62	122217	43.321	ug/l	98
5) Bromomethane	2.650	94	100302	44.614	ug/l	98
6) Chloroethane	2.790	64	78960	40.513	ug/l	98
7) Trichlorofluoromethane	3.125	101	211032	49.377	ug/l	98
8) Diethyl Ether	3.527	74	77973	53.575	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	118864	49.583	ug/l	97
10) Methyl Iodide	4.094	142	151762	50.403	ug/l	97
11) Tert butyl alcohol	4.972	59	69753	254.066	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	115406	49.942	ug/l	96
13) Acrolein	3.729	56	48104	224.989	ug/l	94
14) Allyl chloride	4.478	41	211821	49.401	ug/l	98
15) Acrylonitrile	5.161	53	222529	273.017	ug/l	98
16) Acetone	3.954	43	192896	200.959	ug/l	96
17) Carbon Disulfide	4.192	76	382722	50.987	ug/l	99
18) Methyl Acetate	4.478	43	171630	54.137	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	357462	53.582	ug/l	97
20) Methylene Chloride	4.710	84	161091	54.260	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	131677	52.117	ug/l	98
22) Diisopropyl ether	6.118	45	437913	52.253	ug/l	97
23) Vinyl Acetate	6.057	43	1361653	286.960	ug/l	96
24) 1,1-Dichloroethane	6.015	63	238540	51.070	ug/l	98
25) 2-Butanone	6.984	43	300088	246.512	ug/l	96
26) 2,2-Dichloropropane	6.978	77	181085	44.992	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	149848	53.679	ug/l	98
28) Bromochloromethane	7.332	49	83929	50.636	ug/l	87
29) Tetrahydrofuran	7.350	42	208368	274.977	ug/l	94
30) Chloroform	7.502	83	248405	53.490	ug/l	98
31) Cyclohexane	7.783	56	197174	45.182	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	213261	51.462	ug/l	97
36) 1,1-Dichloropropene	7.917	75	181568	48.958	ug/l	99
37) Ethyl Acetate	7.069	43	137795	49.374	ug/l	97
38) Carbon Tetrachloride	7.899	117	196758	50.619	ug/l	96
39) Methylcyclohexane	9.185	83	209400	47.895	ug/l	98
40) Benzene	8.161	78	535972	51.305	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	193275	148.613	ug/l #	33
42) 1,2-Dichloroethane	8.234	62	178347	52.219	ug/l	99
43) Isopropyl Acetate	8.270	43	243395	51.669	ug/l	97
44) Trichloroethene	8.935	130	142758	51.373	ug/l	98
45) 1,2-Dichloropropane	9.215	63	139059	50.910	ug/l	99
46) Dibromomethane	9.307	93	87113	53.302	ug/l	95
47) Bromodichloromethane	9.496	83	194137	53.086	ug/l	99
48) Methyl methacrylate	9.289	41	113864	52.630	ug/l	95
49) 1,4-Dioxane	9.307	88	24650	1056.052	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	709492	270.282	ug/l	97
52) Toluene	10.240	92	328186	52.205	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	198922	51.396	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	220422	50.613	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	116752	53.944	ug/l	96
56) Ethyl methacrylate	10.508	69	168159	56.003	ug/l	93
57) 1,3-Dichloropropane	10.788	76	195808	53.419	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	284361	252.550	ug/l	95
59) 2-Hexanone	10.831	43	503971	264.112	ug/l	97
60) Dibromochloromethane	10.983	129	143326	54.538	ug/l	100
61) 1,2-Dibromoethane	11.087	107	114546	53.831	ug/l	99
64) Tetrachloroethene	10.715	164	125540	51.819	ug/l	95
65) Chlorobenzene	11.514	112	355630	51.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	131995	50.852	ug/l	98
67) Ethyl Benzene	11.593	91	623874	51.191	ug/l	100
68) m/p-Xylenes	11.703	106	474992	102.523	ug/l	99
69) o-Xylene	12.026	106	226939	51.793	ug/l	98
70) Styrene	12.044	104	385706	52.647	ug/l	99
71) Bromoform	12.209	173	95683	52.627	ug/l	100
73) Isopropylbenzene	12.331	105	583839	49.927	ug/l	99
74) N-amyl acetate	12.142	43	214885	51.638	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	148443	51.935	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	189252	90.767	ug/l #	100
77) Bromobenzene	12.605	156	148516	52.415	ug/l	93
78) n-propylbenzene	12.672	91	707894	49.147	ug/l	99
79) 2-Chlorotoluene	12.751	91	405868	50.460	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	485398	50.857	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	47860	46.954	ug/l	95
82) 4-Chlorotoluene	12.855	91	415596	49.573	ug/l	97
83) tert-Butylbenzene	13.075	119	424118	51.290	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	477224	51.428	ug/l	100
85) sec-Butylbenzene	13.251	105	618295	49.822	ug/l	98
86) p-Isopropyltoluene	13.367	119	495869	49.687	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	268656	49.768	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	267617	49.077	ug/l	99
89) n-Butylbenzene	13.696	91	470289	48.282	ug/l	98
90) Hexachloroethane	13.958	117	103535	49.292	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	252943	51.889	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26288	52.076	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	147143	50.628	ug/l	99
94) Hexachlorobutadiene	15.111	225	84115	49.730	ug/l	99
95) Naphthalene	15.233	128	361748	57.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	137351	53.023	ug/l	98

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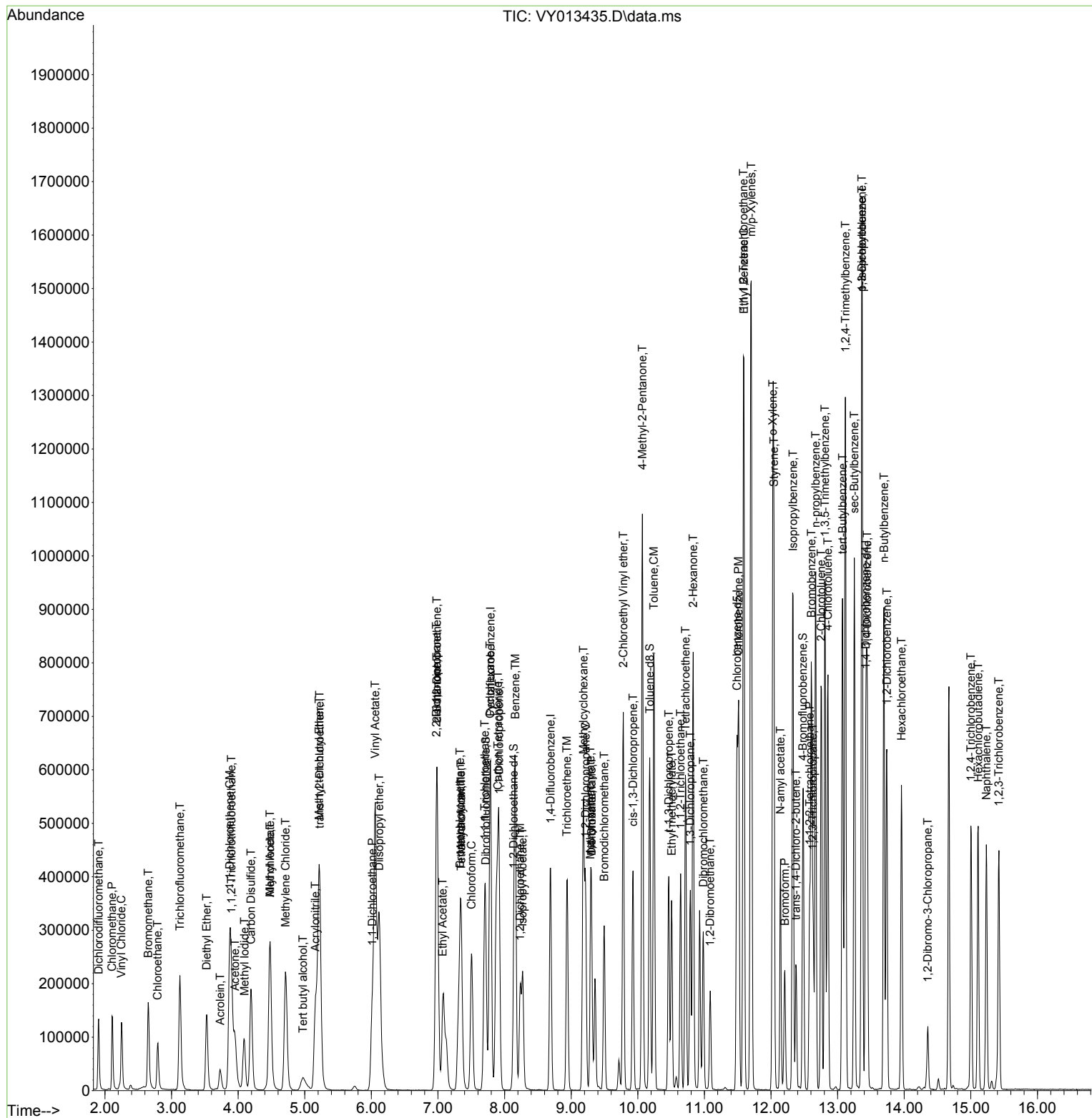
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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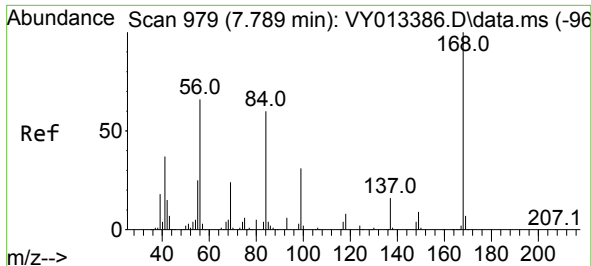
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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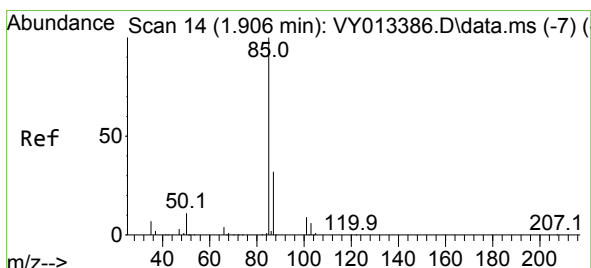
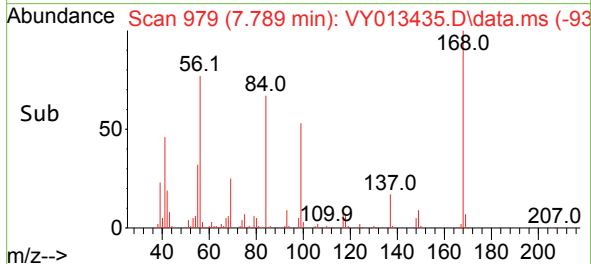
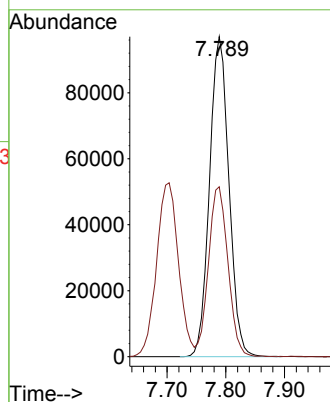
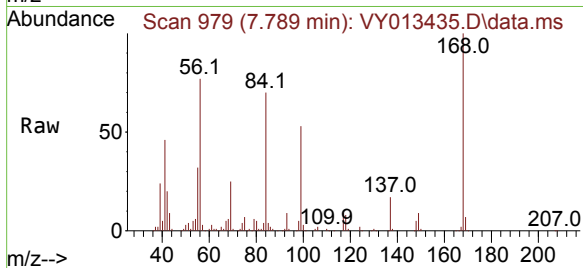




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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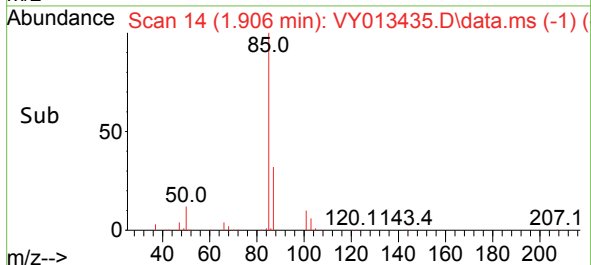
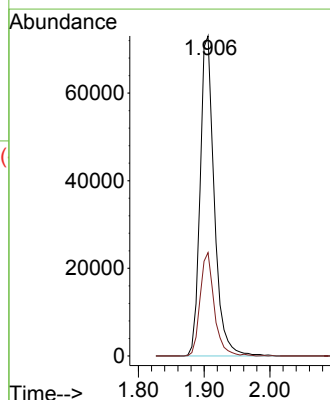
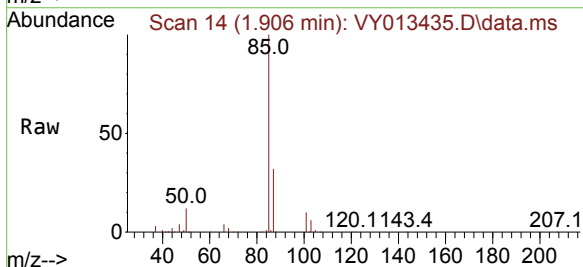
Instrument :
MSVOA_Y
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VSTDCCC050EC

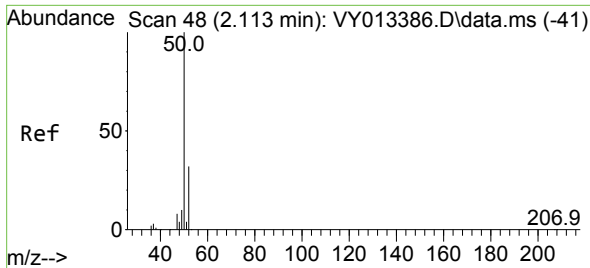
Tgt Ion:168 Resp: 222347
Ion Ratio Lower Upper
168 100
99 53.0 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.668 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 85 Resp: 109216
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

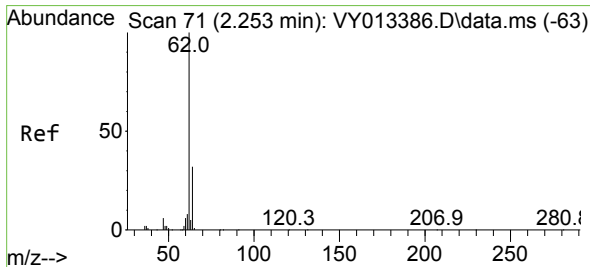
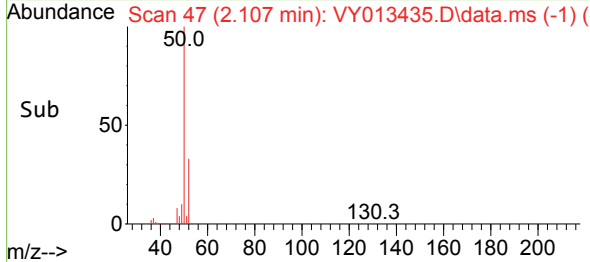
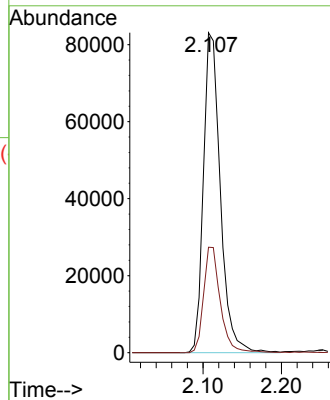
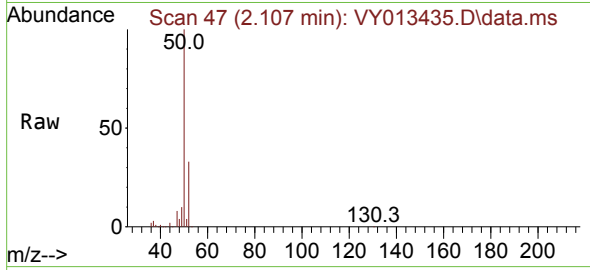




#3
Chloromethane
Concen: 43.949 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

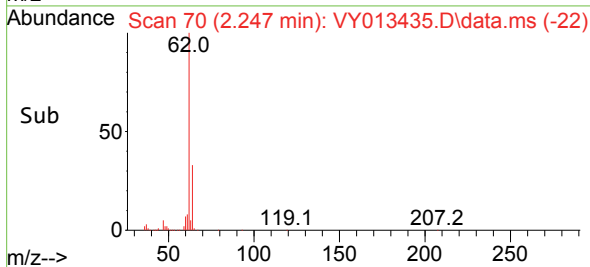
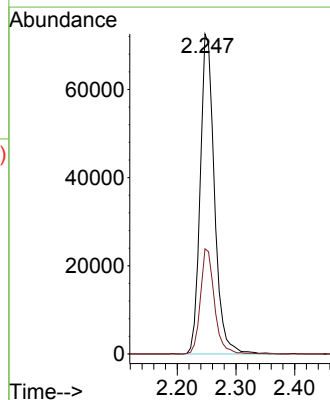
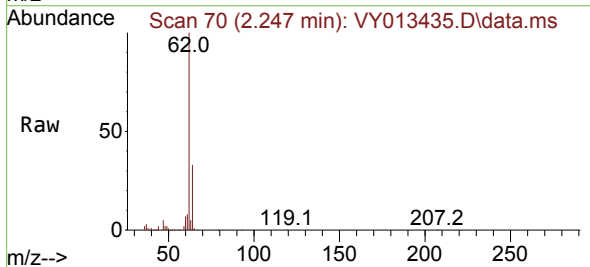
Instrument :
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ClientSampleId :
VSTDCCC050EC

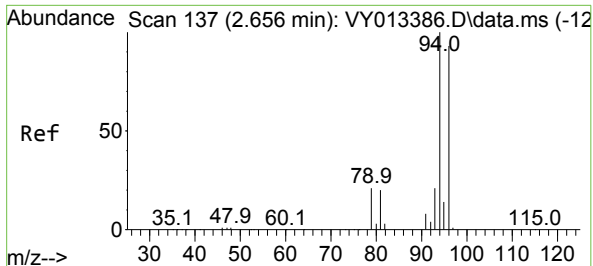
Tgt Ion: 50 Resp: 124525
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9



#4
Vinyl Chloride
Concen: 43.321 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 62 Resp: 122217
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

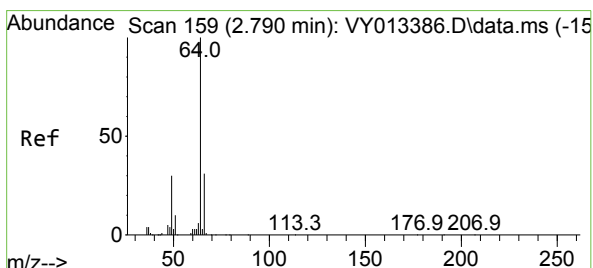
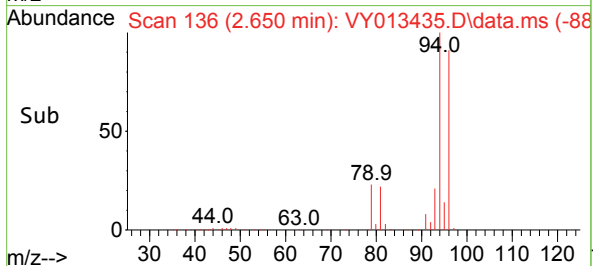
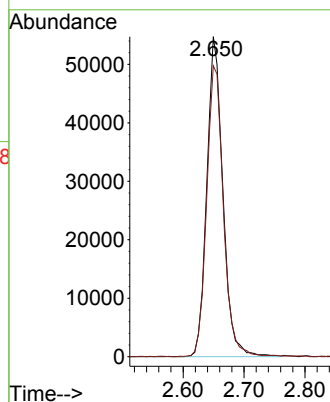
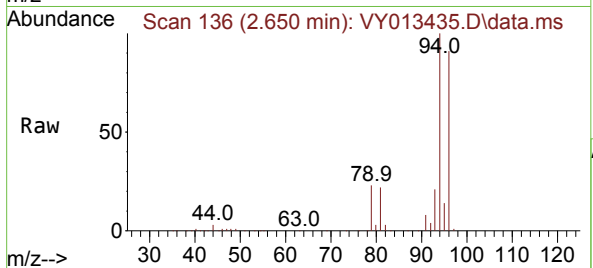




#5
Bromomethane
Concen: 44.614 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013435.D
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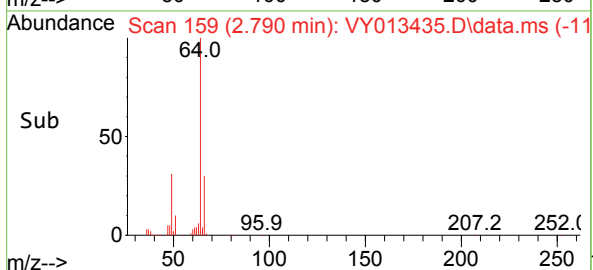
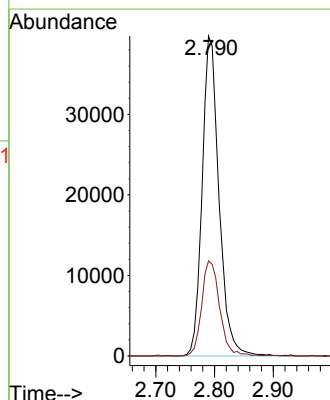
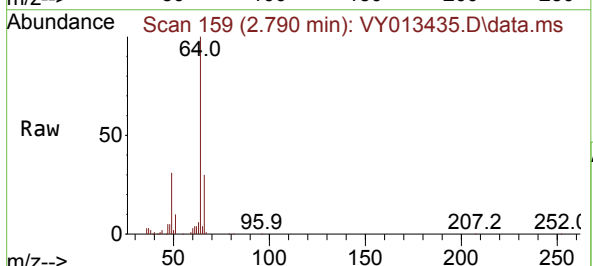
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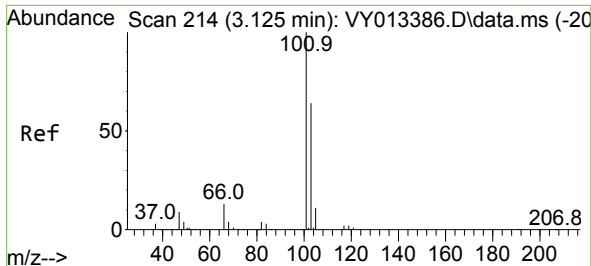
Tgt Ion: 94 Resp: 100302
Ion Ratio Lower Upper
94 100
96 90.7 74.2 111.2



#6
Chloroethane
Concen: 40.513 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013435.D
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Tgt Ion: 64 Resp: 78960
Ion Ratio Lower Upper
64 100
66 29.7 24.6 37.0

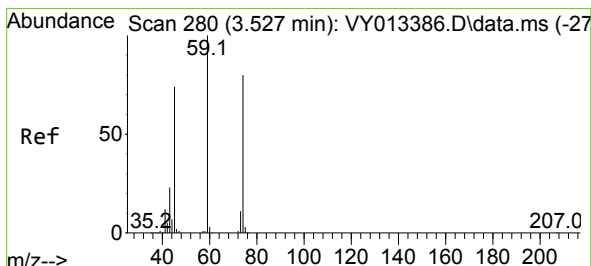
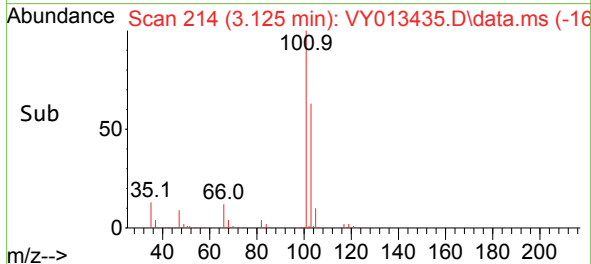
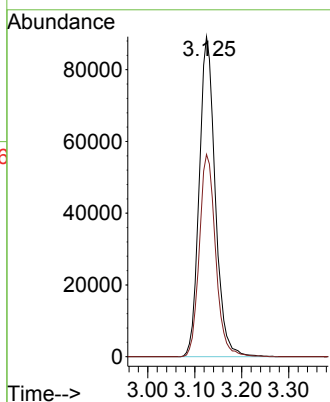
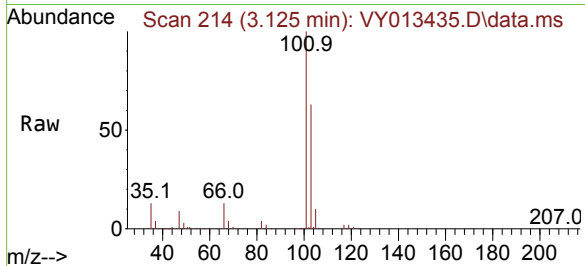




#7
 Trichlorofluoromethane
 Concen: 49.377 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013435.D
 Acq: 25 Apr 2023 07:44

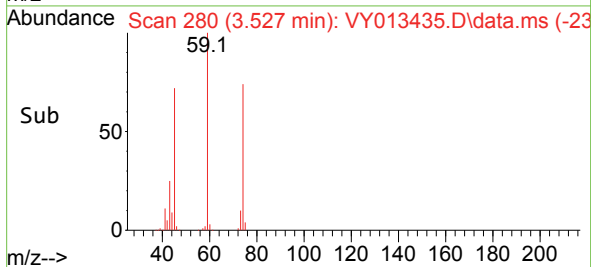
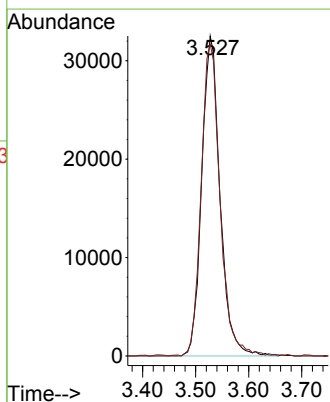
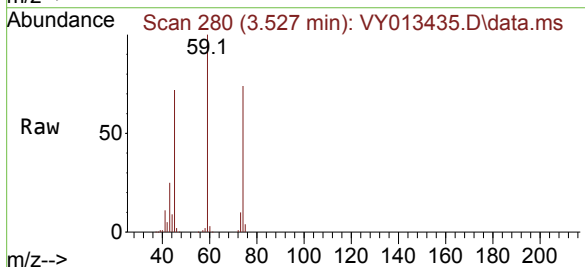
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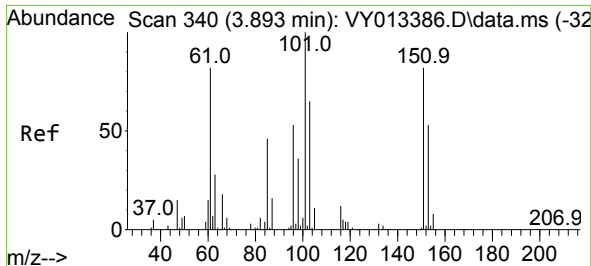
Tgt Ion:101 Resp: 211032
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.6 77.4



#8
 Diethyl Ether
 Concen: 53.575 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 77973
 Ion Ratio Lower Upper
 74 100
 45 100.7 48.2 144.6

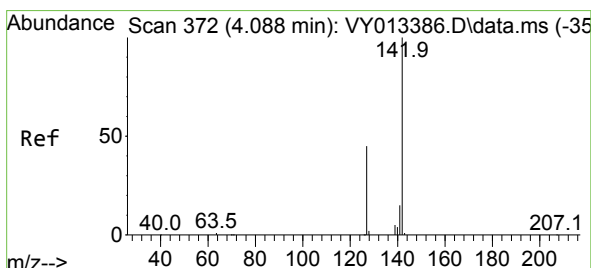
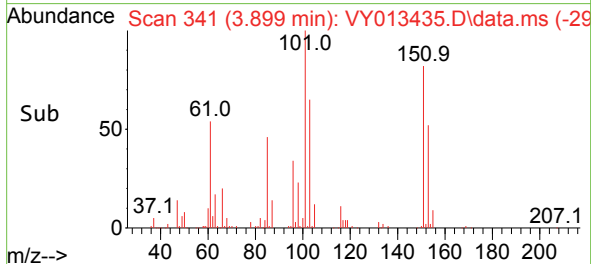
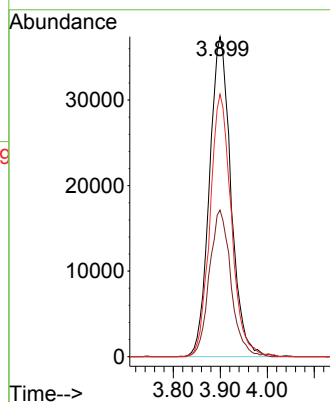
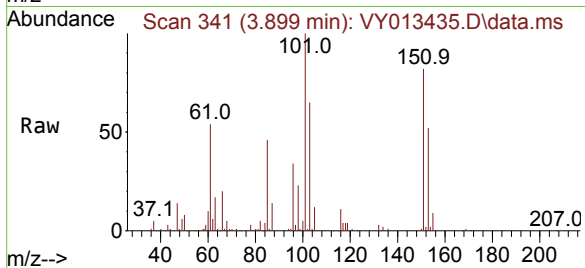




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.583 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

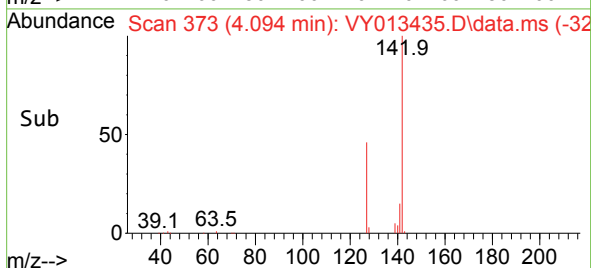
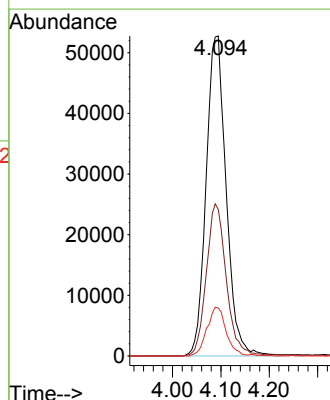
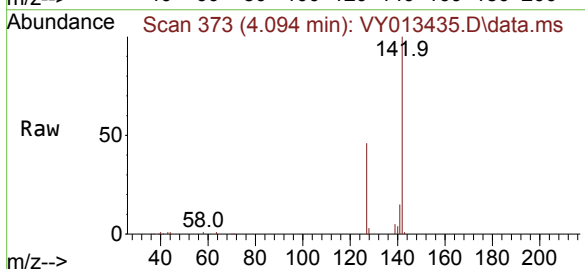
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

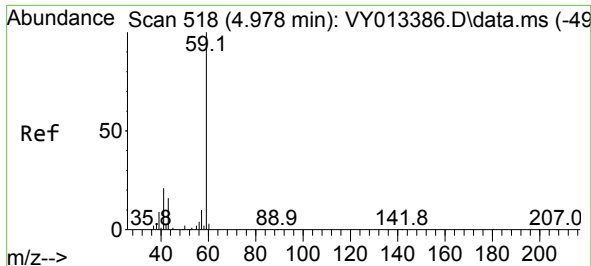
Tgt Ion:101 Resp: 118864
Ion Ratio Lower Upper
101 100
85 46.0 35.6 53.4
151 81.3 68.0 102.0



#10
Methyl Iodide
Concen: 50.403 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion:142 Resp: 151762
Ion Ratio Lower Upper
142 100
127 47.2 36.1 54.1
141 14.6 11.6 17.4

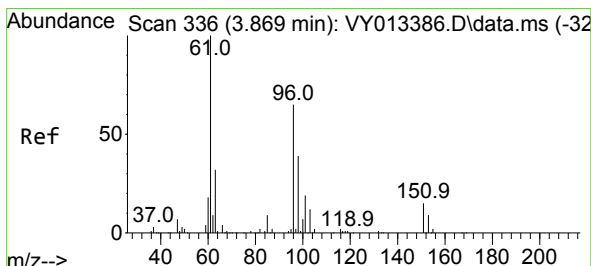
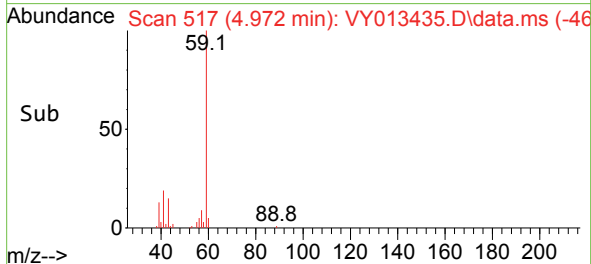
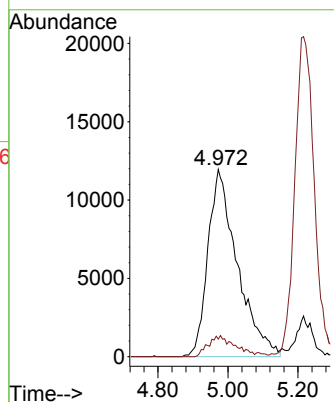
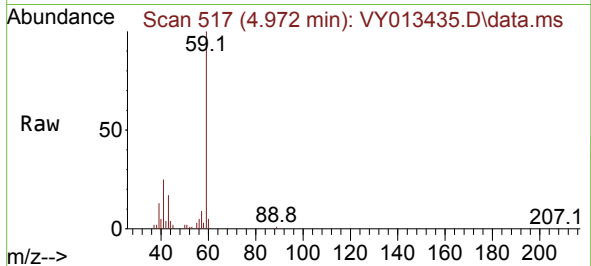




#11
Tert butyl alcohol
Concen: 254.066 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

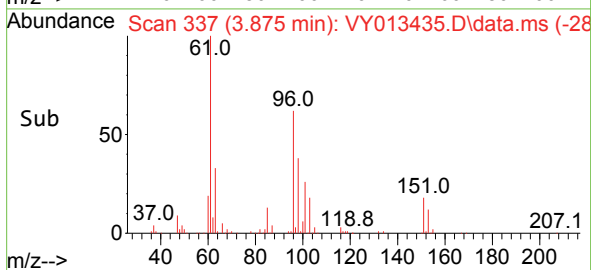
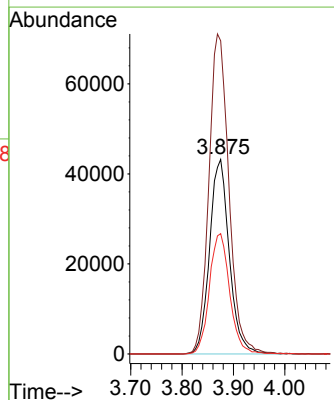
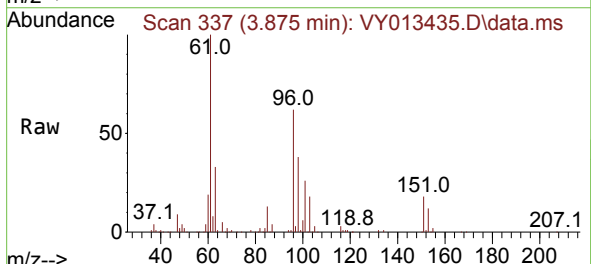
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

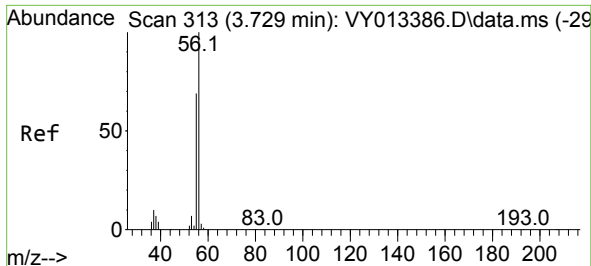
Tgt Ion: 59 Resp: 69753
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.942 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 96 Resp: 115406
Ion Ratio Lower Upper
96 100
61 160.9 123.9 185.9
98 61.8 48.9 73.3





#13

Acrolein

Concen: 224.989 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

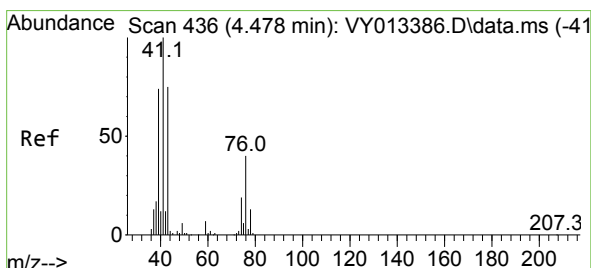
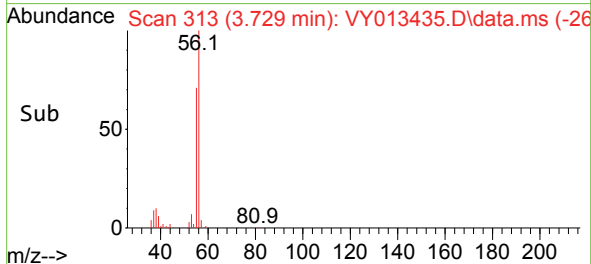
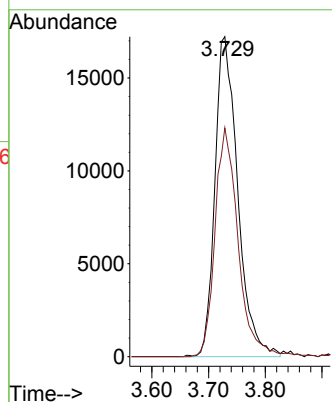
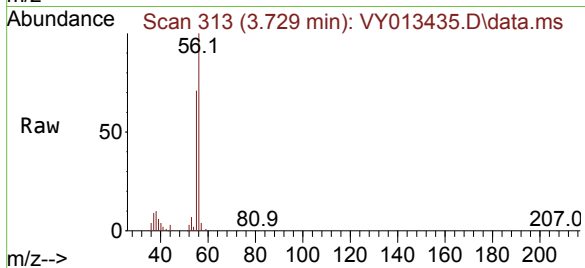
VSTDCCC050EC

Tgt Ion: 56 Resp: 48104

Ion Ratio Lower Upper

56 100

55 72.5 54.1 81.1



#14

Allyl chloride

Concen: 49.401 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

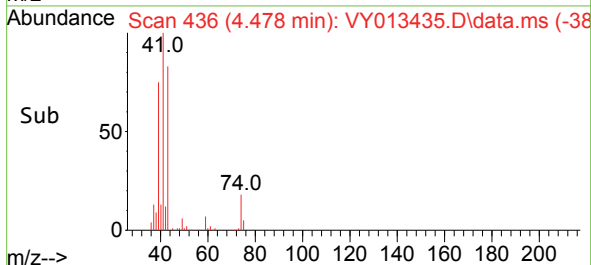
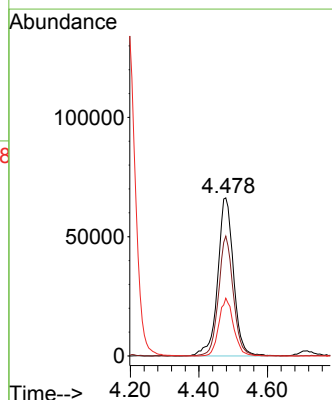
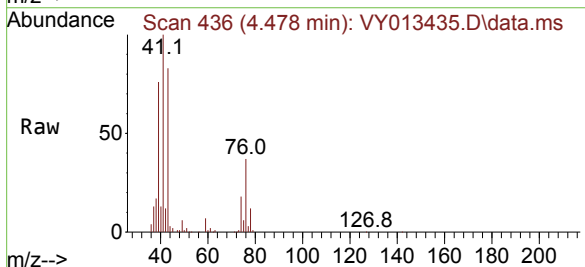
Tgt Ion: 41 Resp: 211821

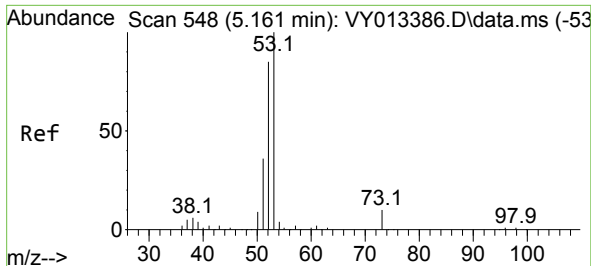
Ion Ratio Lower Upper

41 100

39 70.7 56.6 85.0

76 34.0 30.5 45.7

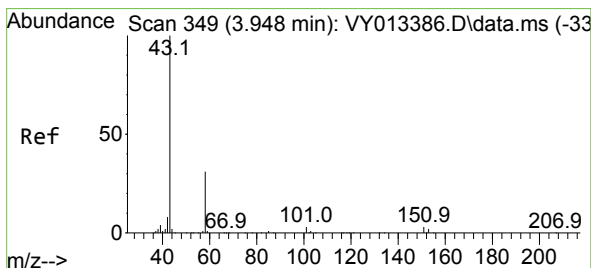
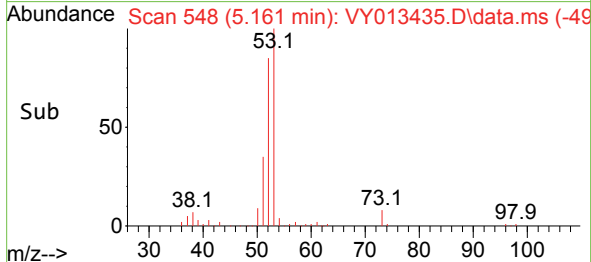
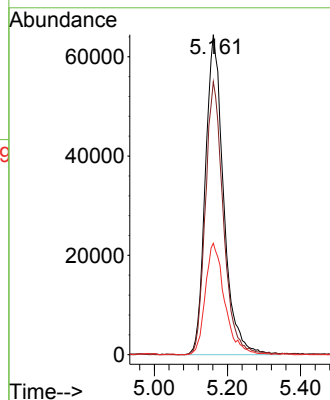
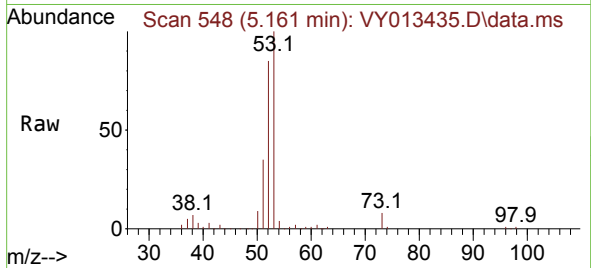




#15
Acrylonitrile
Concen: 273.017 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

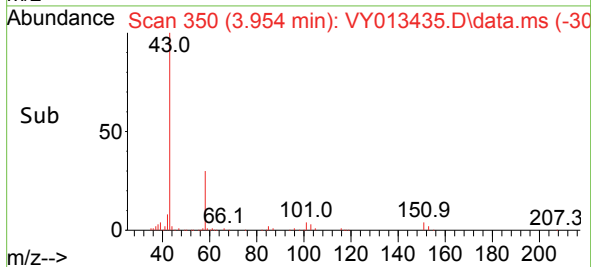
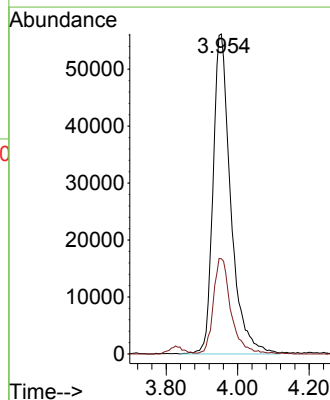
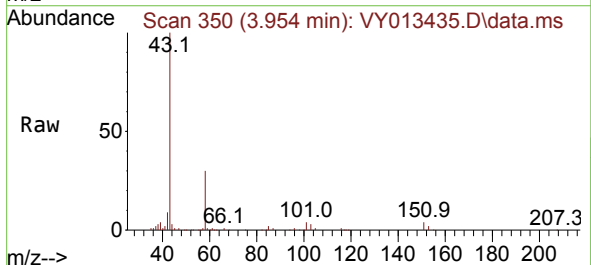
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

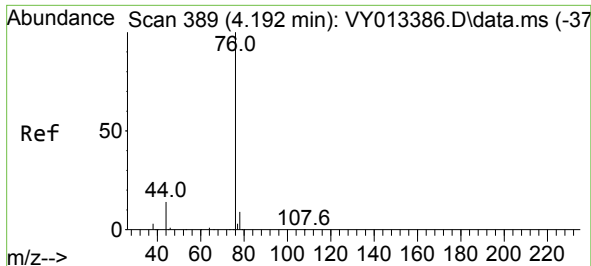
Tgt Ion: 53 Resp: 222529
Ion Ratio Lower Upper
53 100
52 84.0 65.4 98.0
51 36.9 29.3 43.9



#16
Acetone
Concen: 200.959 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 43 Resp: 192896
Ion Ratio Lower Upper
43 100
58 29.5 25.4 38.0

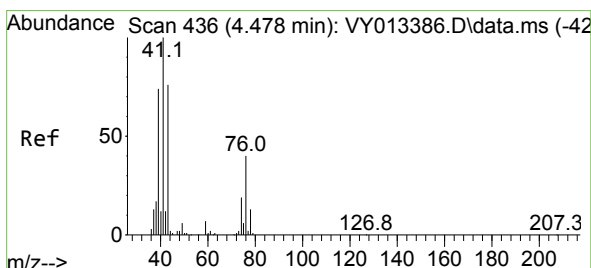
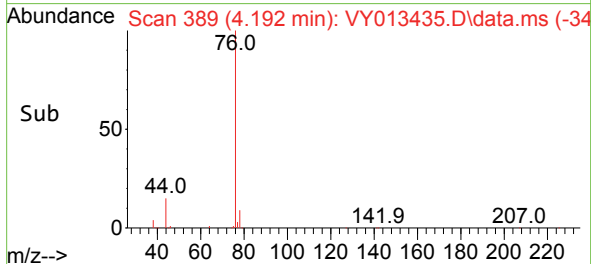
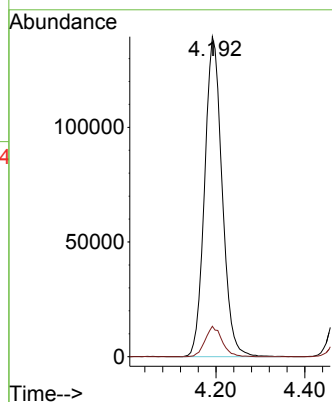
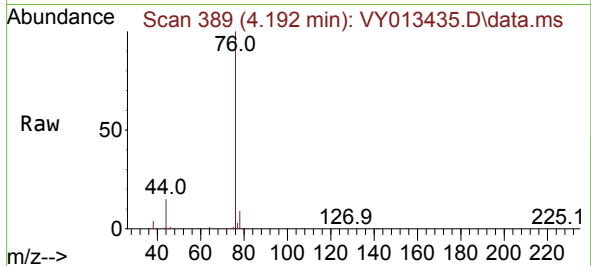




#17
Carbon Disulfide
Concen: 50.987 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

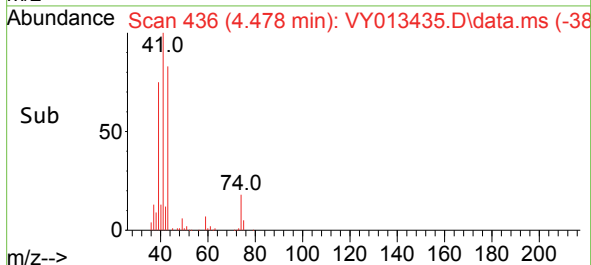
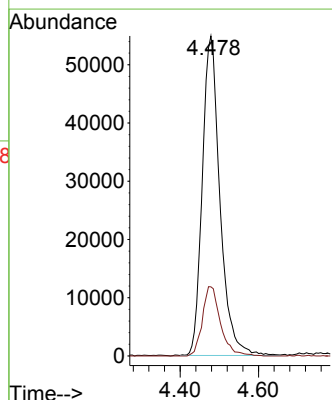
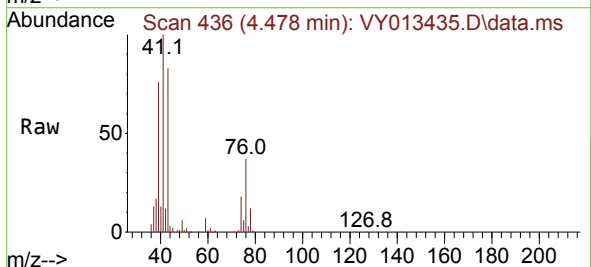
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

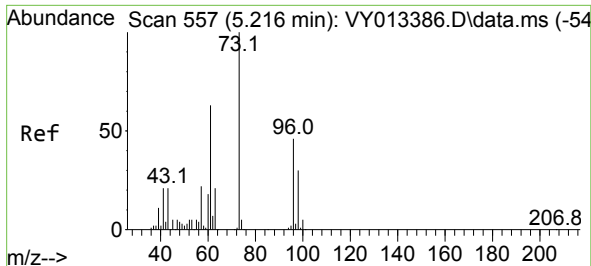
Tgt Ion: 76 Resp: 382722
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 54.137 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 43 Resp: 171630
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2

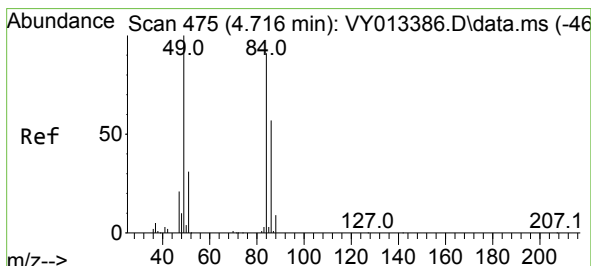
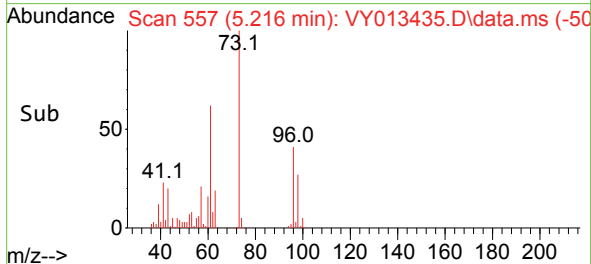
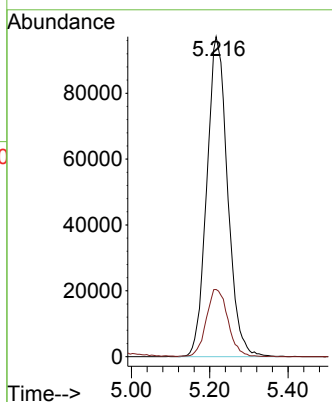
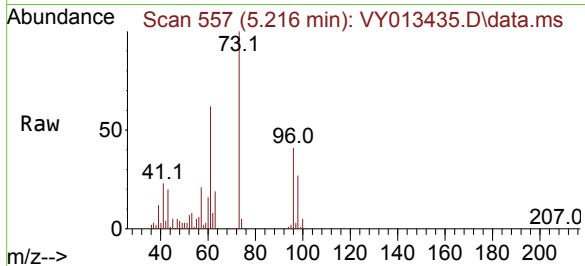




#19
Methyl tert-butyl Ether
Concen: 53.582 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

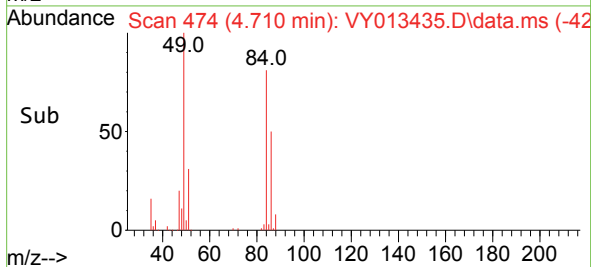
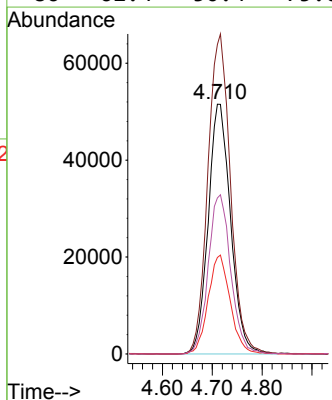
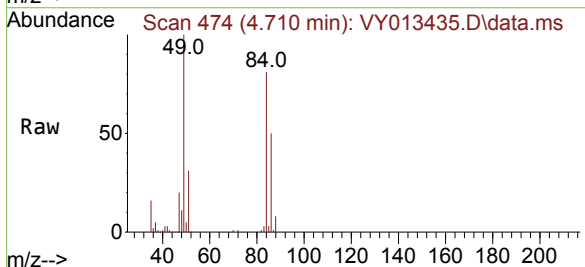
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

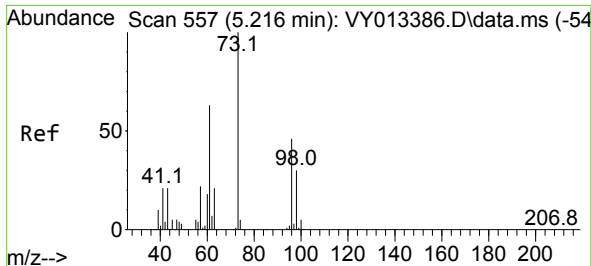
Tgt Ion: 73 Resp: 357462
Ion Ratio Lower Upper
73 100
57 21.0 17.8 26.8



#20
Methylene Chloride
Concen: 54.260 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 84 Resp: 161091
Ion Ratio Lower Upper
84 100
49 123.9 88.0 132.0
51 38.6 27.4 41.0
86 62.4 50.4 75.6

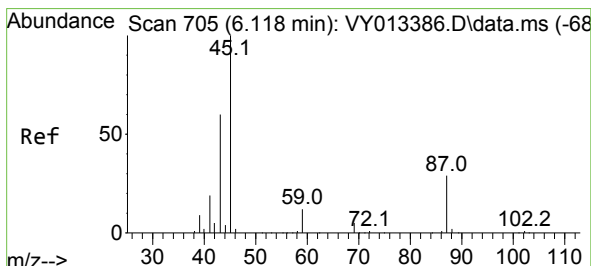
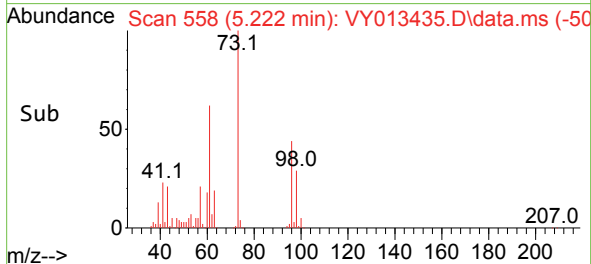
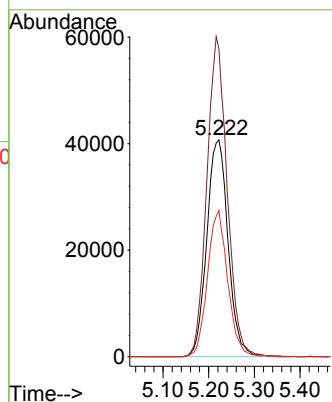
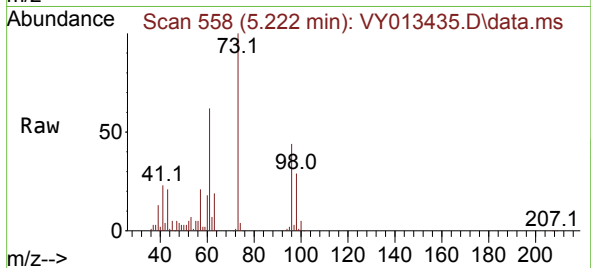




#21
trans-1,2-Dichloroethene
Concen: 52.117 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

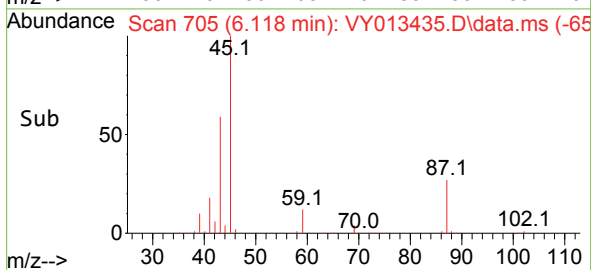
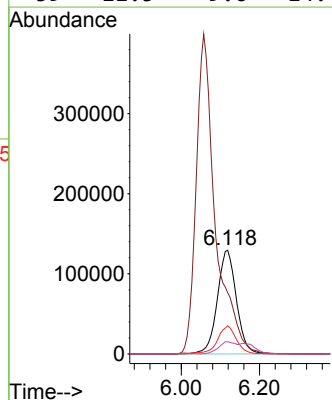
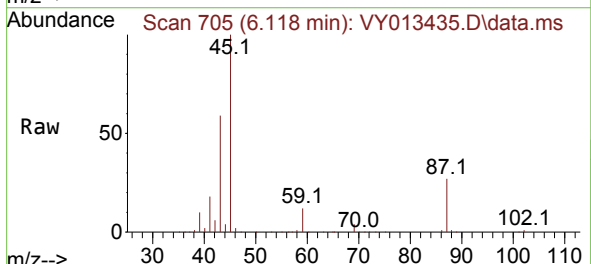
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

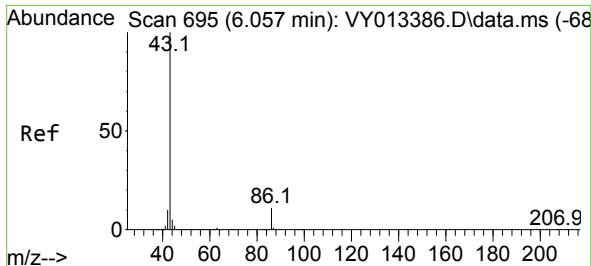
Tgt Ion: 96 Resp: 131677
Ion Ratio Lower Upper
96 100
61 141.9 110.6 165.8
98 67.4 53.1 79.7



#22
Diisopropyl ether
Concen: 52.253 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 45 Resp: 437913
Ion Ratio Lower Upper
45 100
43 58.6 48.4 72.6
87 27.1 23.8 35.6
59 11.5 9.6 14.4

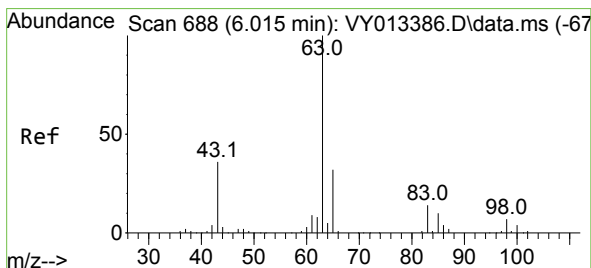
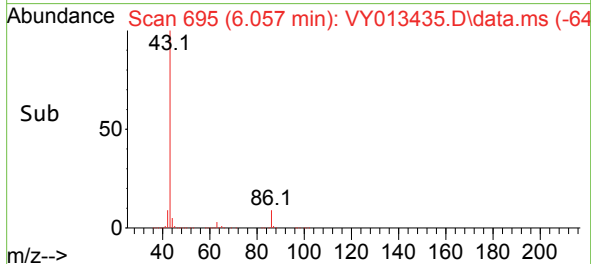
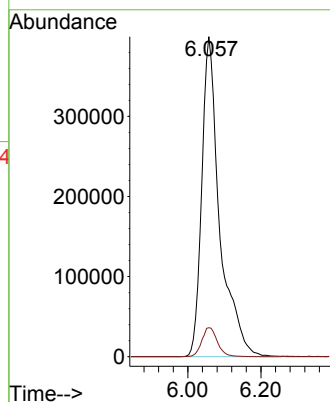
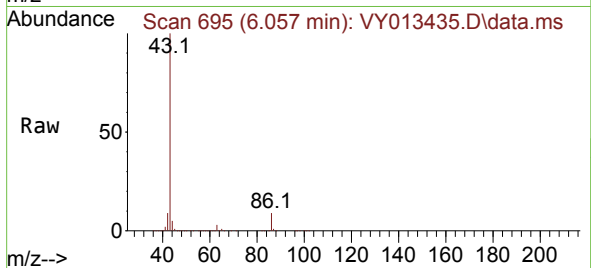




#23
 Vinyl Acetate
 Concen: 286.960 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013435.D
 Acq: 25 Apr 2023 07:44

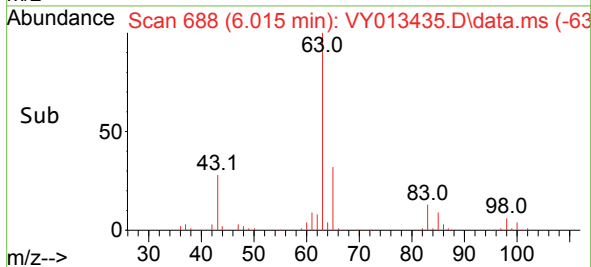
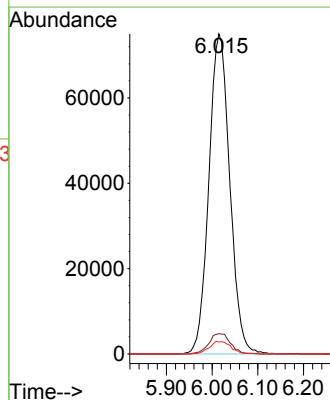
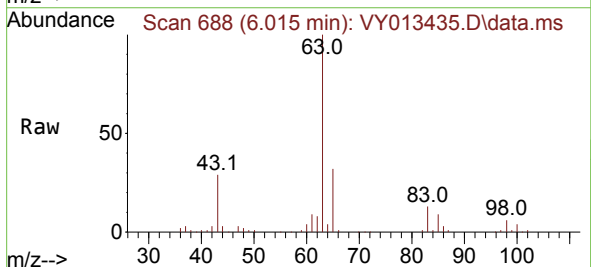
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

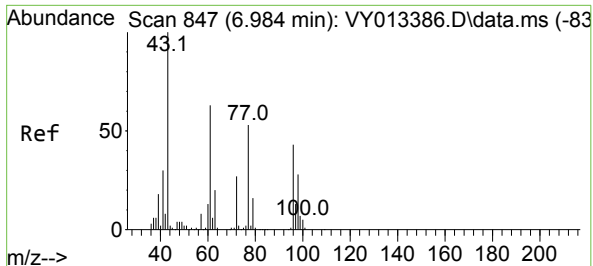
Tgt Ion: 43 Resp: 1361653
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.070 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013435.D
 Acq: 25 Apr 2023 07:44

Tgt Ion: 63 Resp: 238540
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 3.7 2.2 6.6





#25

2-Butanone

Concen: 246.512 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

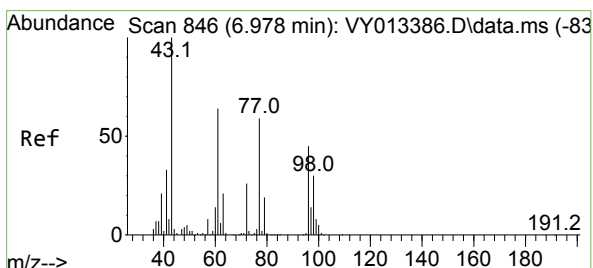
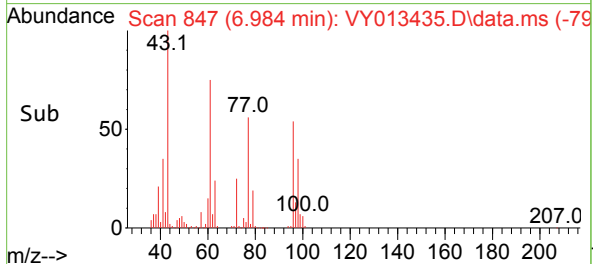
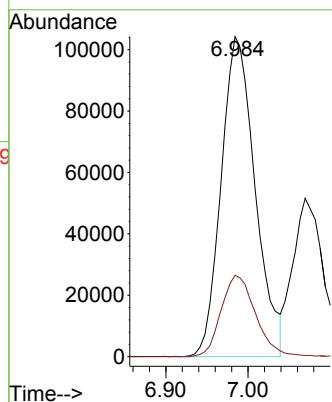
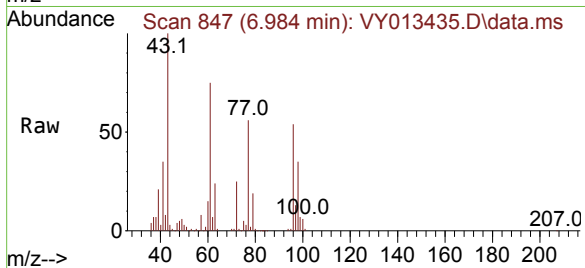
VSTDCCC050EC

Tgt Ion: 43 Resp: 300088

Ion Ratio Lower Upper

43 100

72 25.4 21.9 32.9



#26

2,2-Dichloropropane

Concen: 44.992 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013435.D

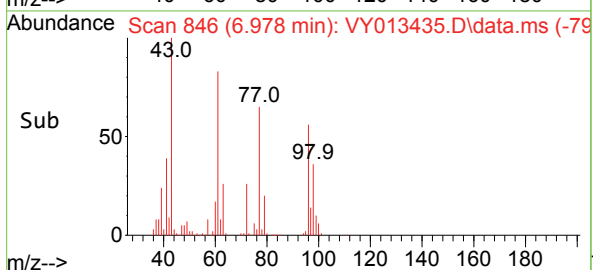
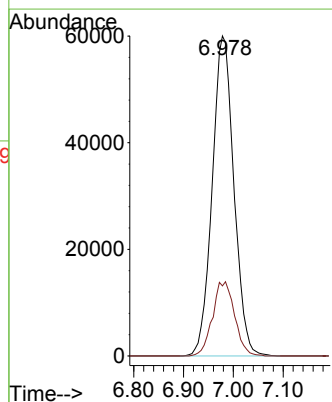
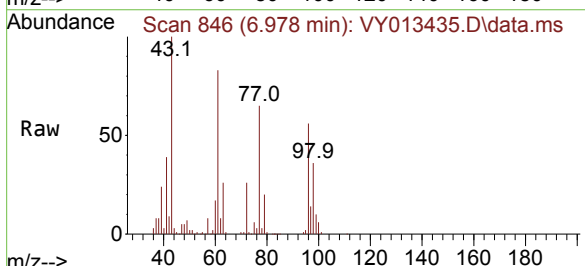
Acq: 25 Apr 2023 07:44

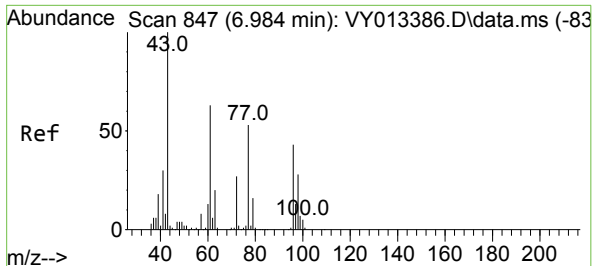
Tgt Ion: 77 Resp: 181085

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 53.679 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

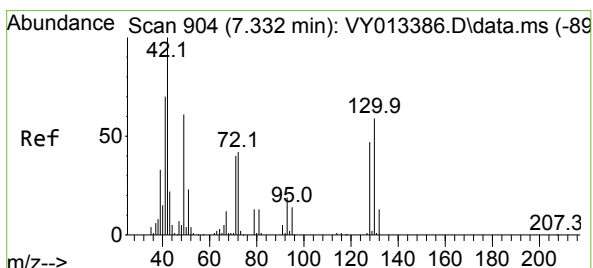
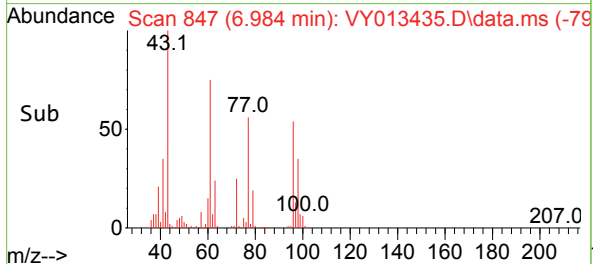
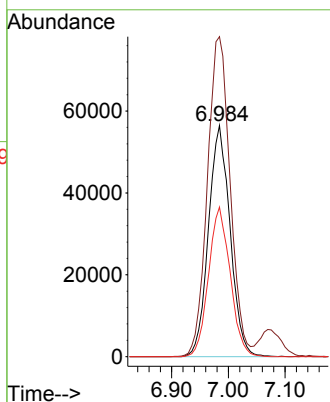
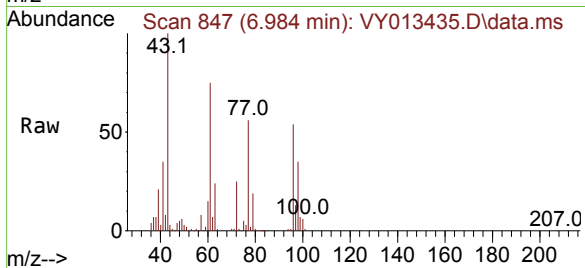
Tgt Ion: 96 Resp: 149848

Ion Ratio Lower Upper

96 100

61 145.1 0.0 285.0

98 64.7 0.0 130.6



#28

Bromochloromethane

Concen: 50.636 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

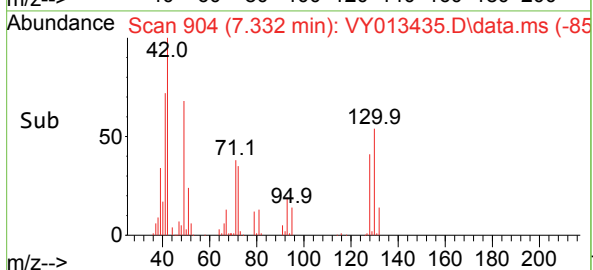
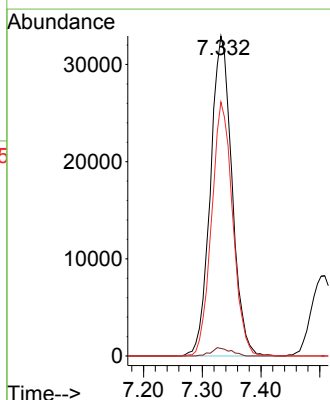
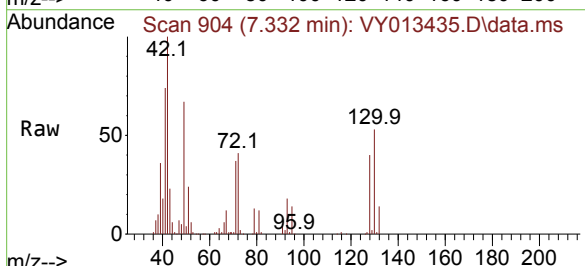
Tgt Ion: 49 Resp: 83929

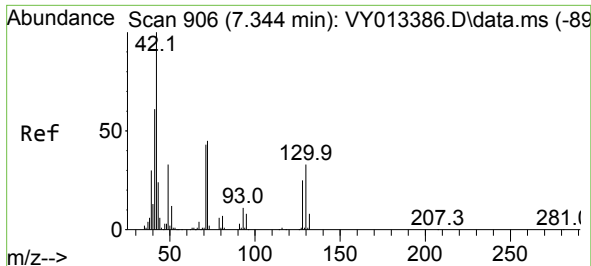
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 77.7 72.1 108.1





#29

Tetrahydrofuran

Concen: 274.977 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

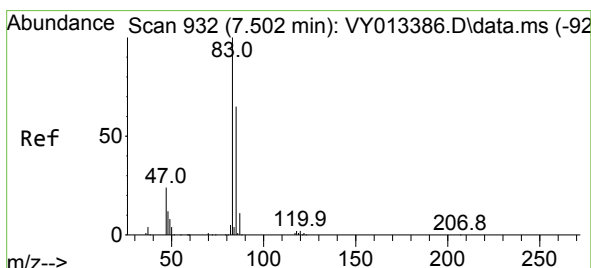
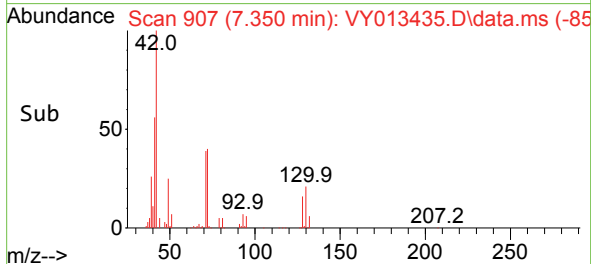
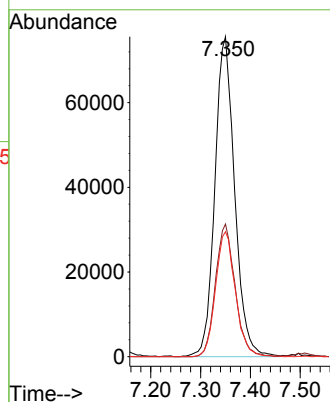
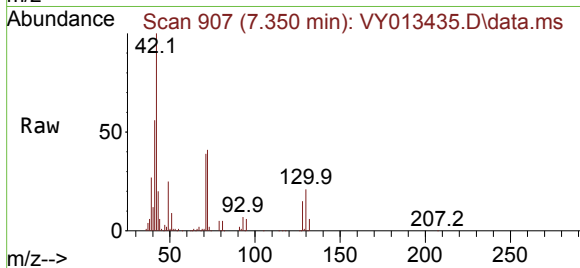
Tgt Ion: 42 Resp: 208368

Ion Ratio Lower Upper

42 100

72 41.1 35.9 53.9

71 39.0 34.3 51.5



#30

Chloroform

Concen: 53.490 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013435.D

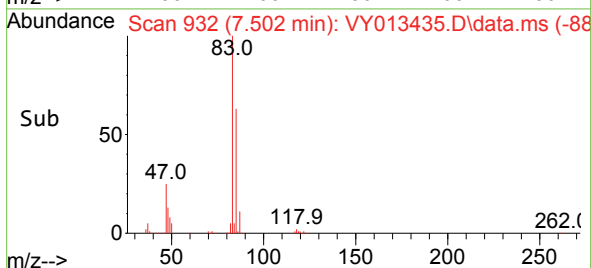
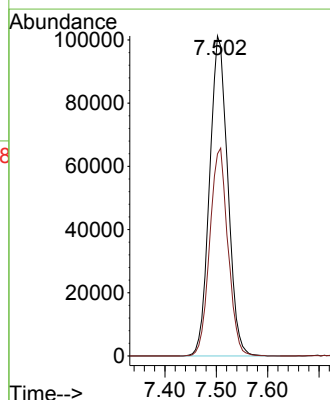
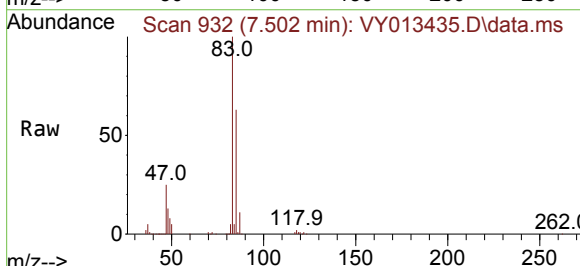
Acq: 25 Apr 2023 07:44

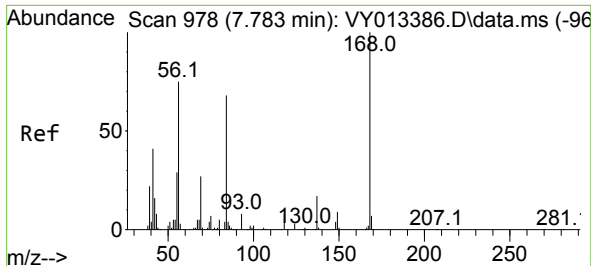
Tgt Ion: 83 Resp: 248405

Ion Ratio Lower Upper

83 100

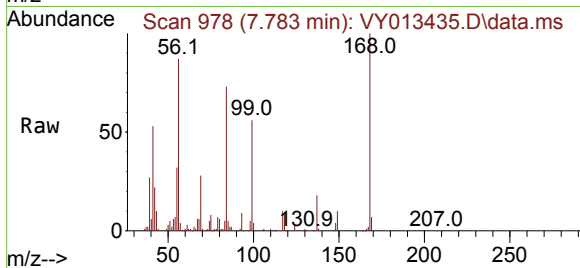
85 63.2 52.0 78.0



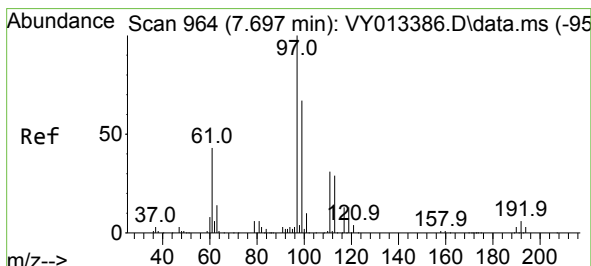
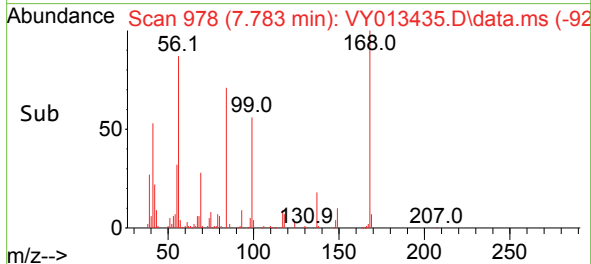
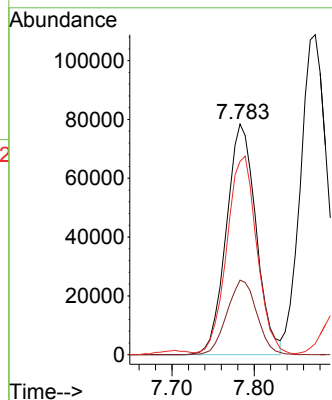


#31
Cyclohexane
Concen: 45.182 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

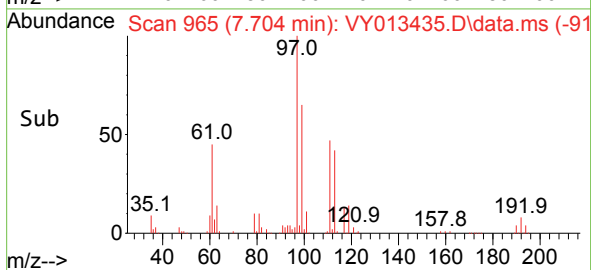
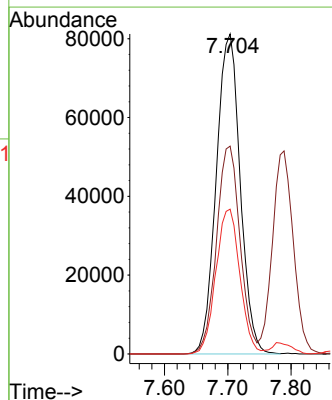
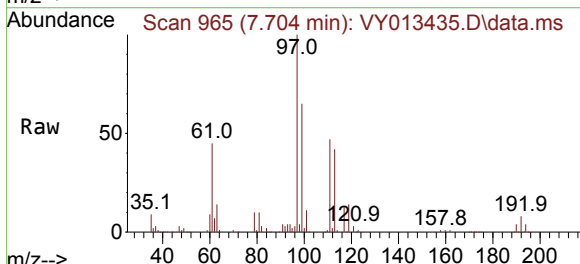


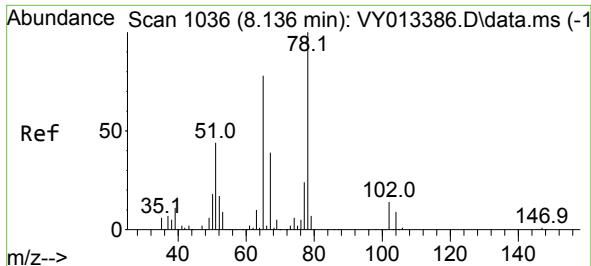
Tgt Ion: 56 Resp: 197174
Ion Ratio Lower Upper
56 100
69 32.4 29.2 43.8
84 82.4 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 51.462 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 97 Resp: 213261
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 45.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.944 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

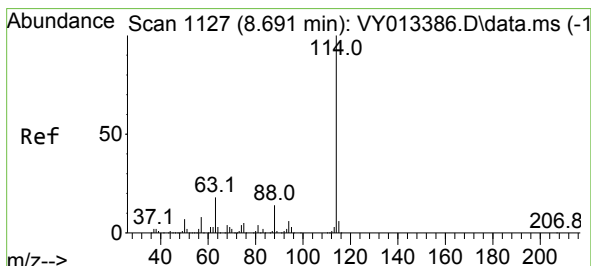
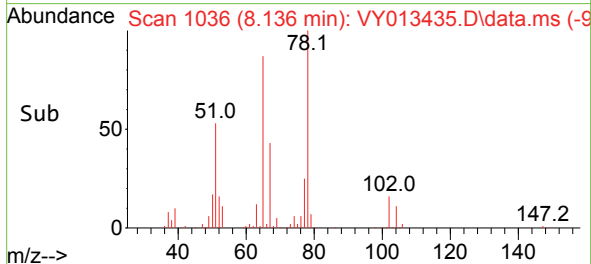
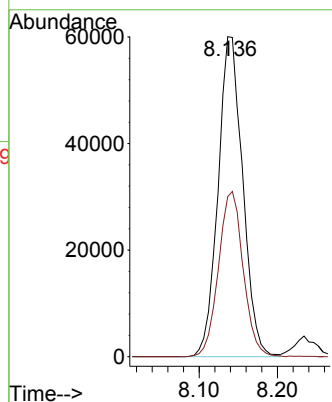
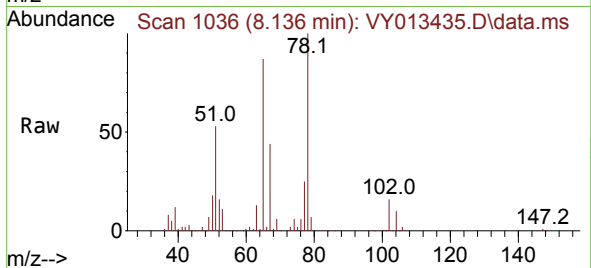
VSTDCCC050EC

Tgt Ion: 65 Resp: 131483

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

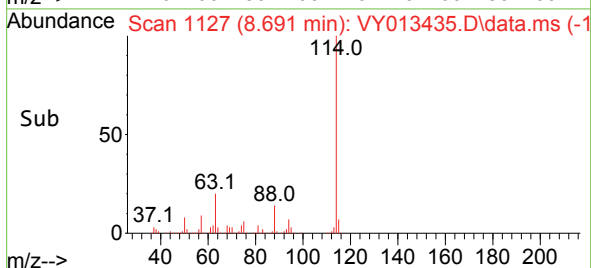
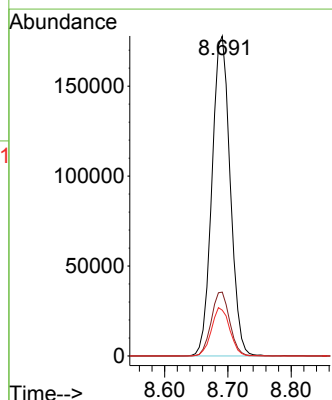
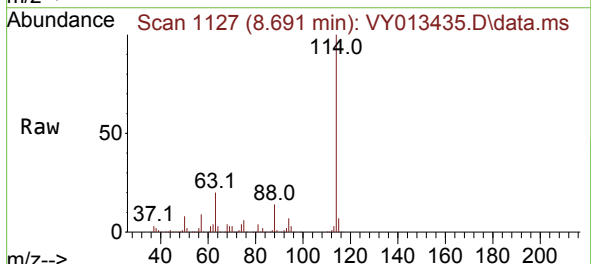
Tgt Ion: 114 Resp: 355287

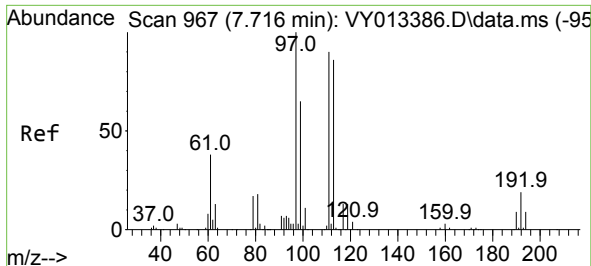
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.6

88 14.3 0.0 28.8

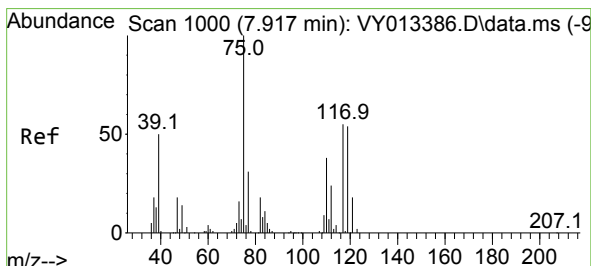
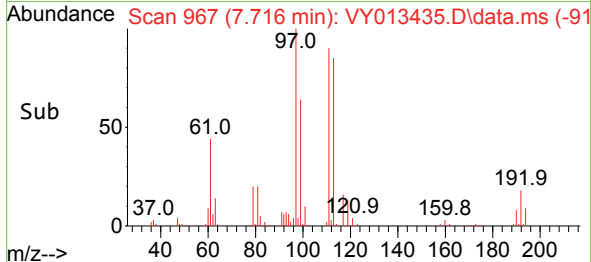
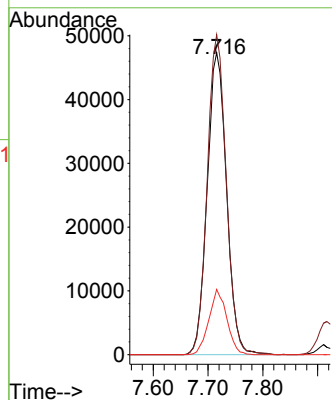
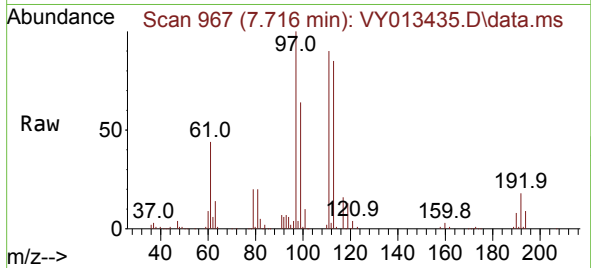




#35
Dibromofluoromethane
Concen: 51.968 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

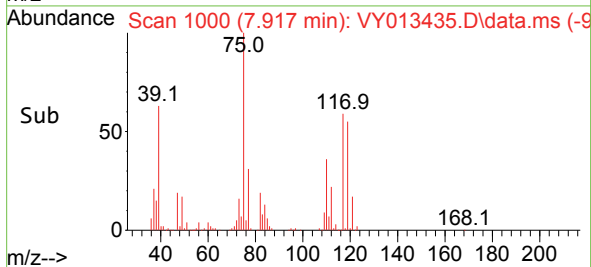
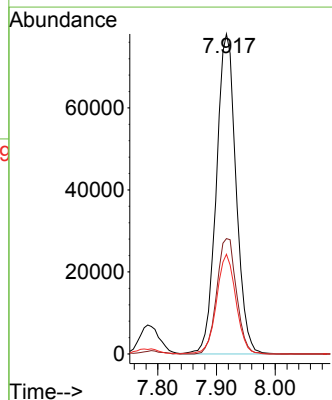
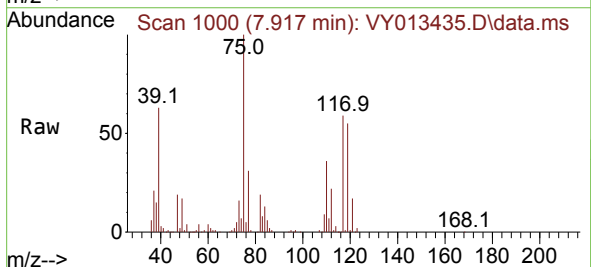
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

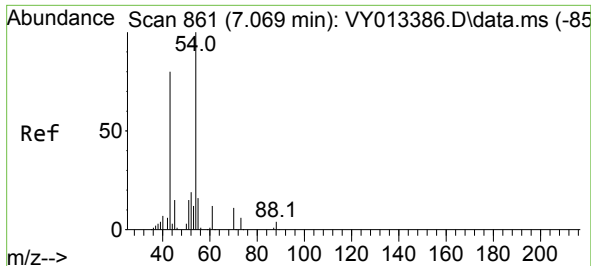
Tgt Ion:113 Resp: 116128
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 48.958 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 75 Resp: 181568
Ion Ratio Lower Upper
75 100
110 36.1 18.7 56.1
77 30.7 24.6 37.0

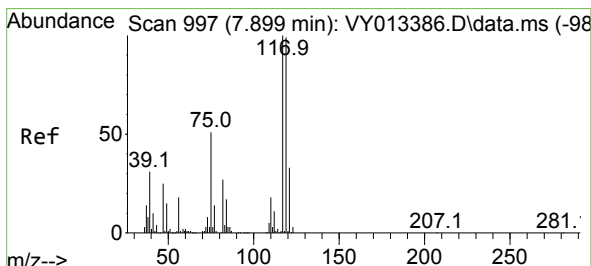
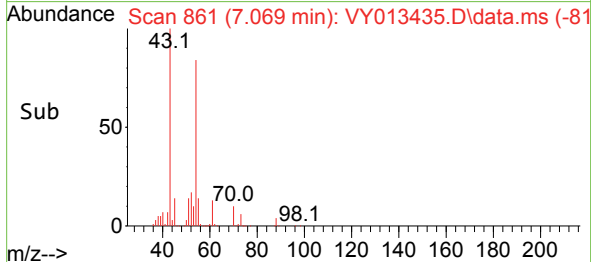
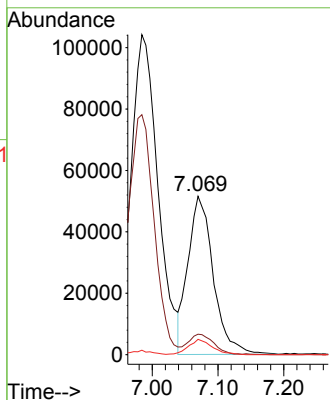
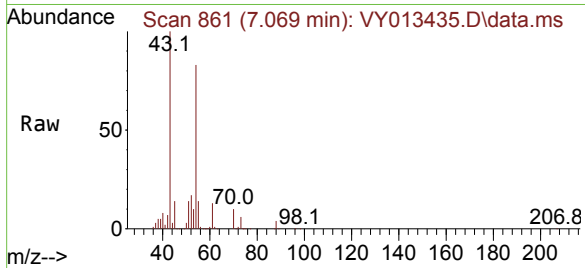




#37
Ethyl Acetate
Concen: 49.374 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

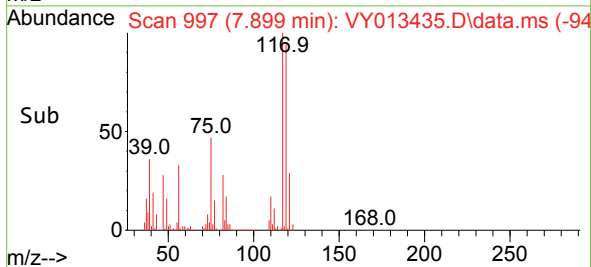
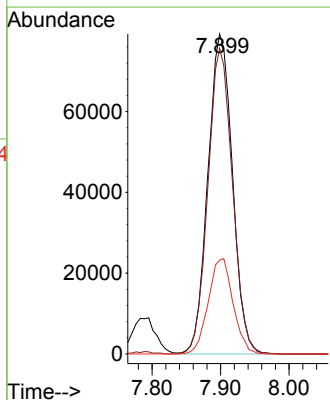
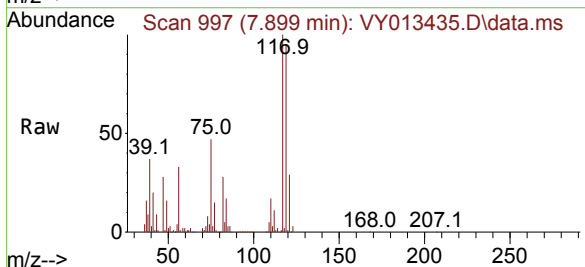
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

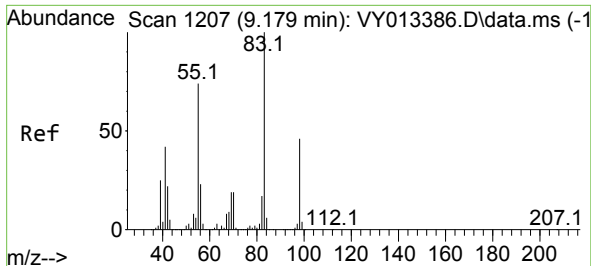
Tgt Ion: 43 Resp: 137795
Ion Ratio Lower Upper
43 100
61 12.9 11.4 17.0
70 9.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.619 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 117 Resp: 196758
Ion Ratio Lower Upper
117 100
119 95.5 79.0 118.6
121 29.3 26.6 40.0

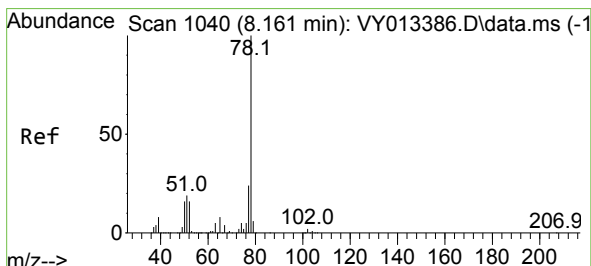
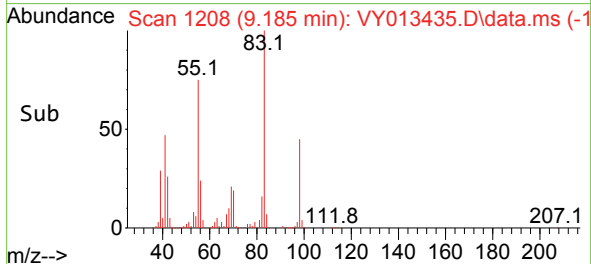
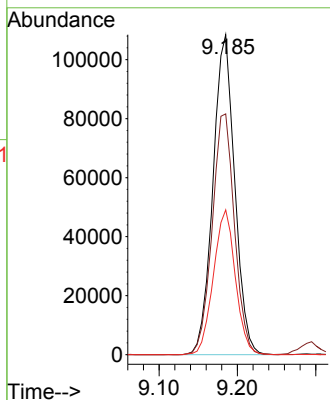
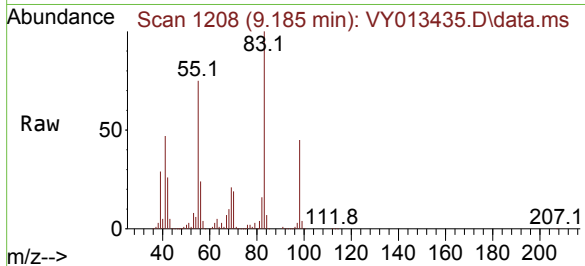




#39
Methylcyclohexane
Concen: 47.895 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

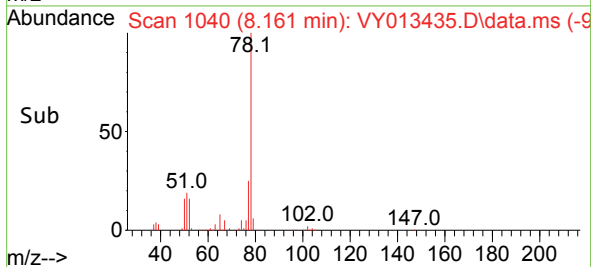
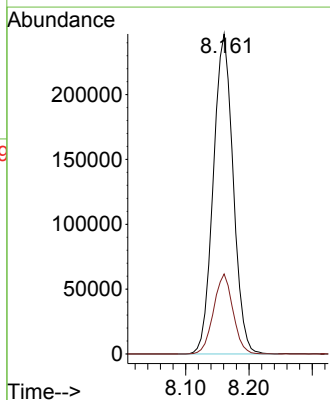
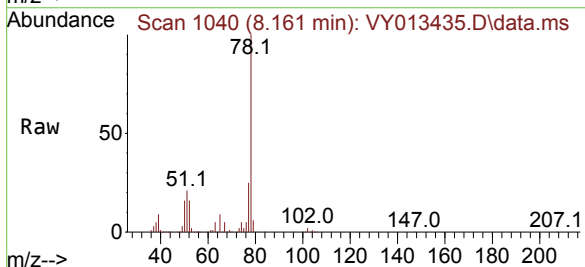
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

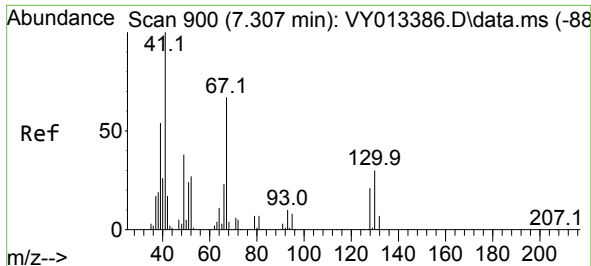
Tgt Ion: 83 Resp: 209400
Ion Ratio Lower Upper
83 100
55 75.3 59.0 88.4
98 45.3 37.0 55.4



#40
Benzene
Concen: 51.305 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 78 Resp: 535972
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8

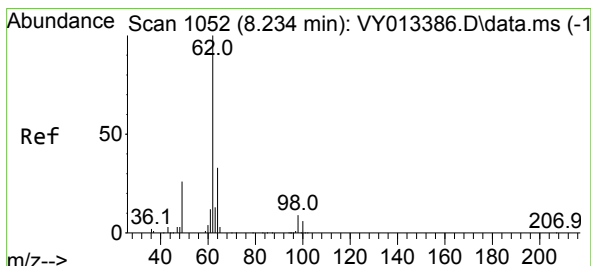
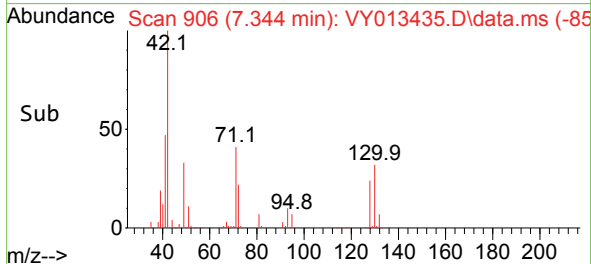
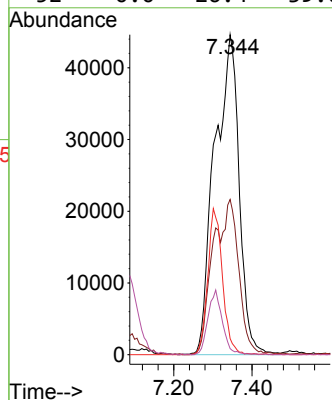
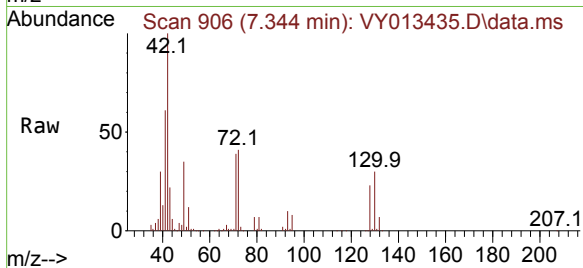




#41
Methacrylonitrile
Concen: 148.613 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

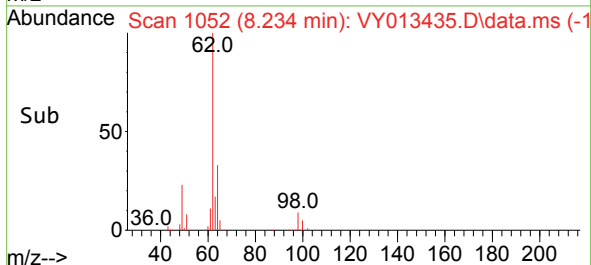
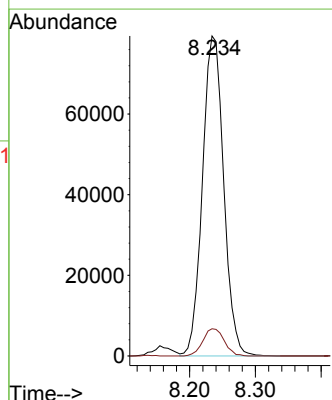
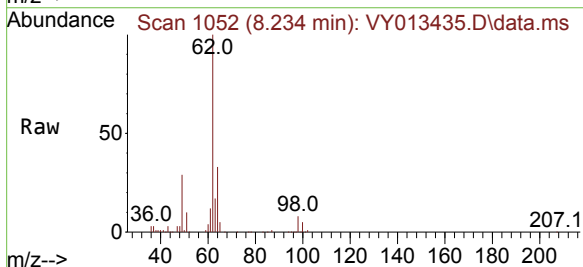
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

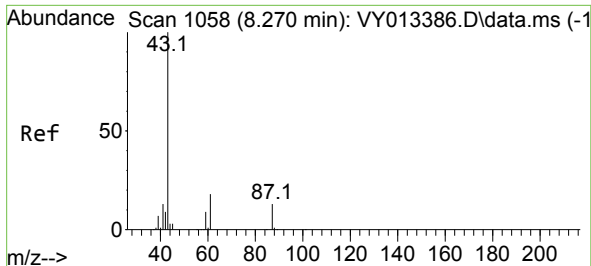
Tgt Ion: 41 Resp: 193275
Ion Ratio Lower Upper
41 100
39 27.3 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 52.219 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 62 Resp: 178347
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.8

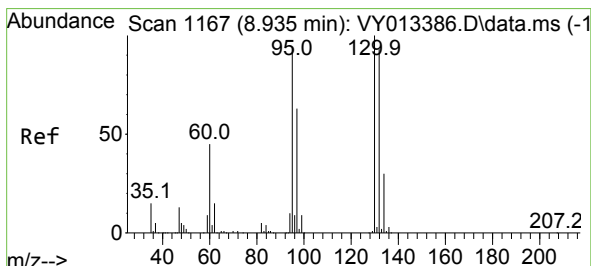
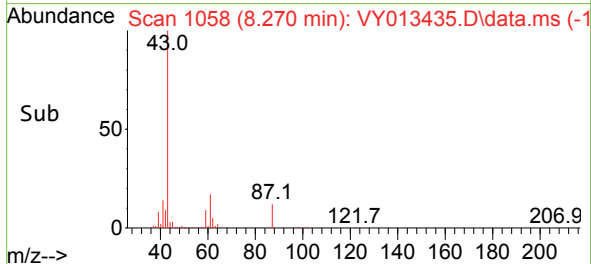
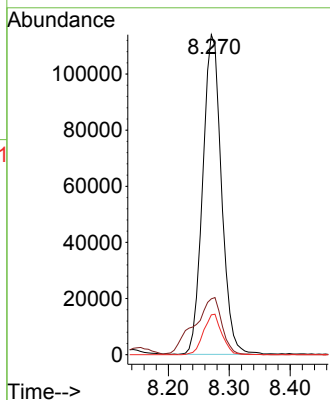
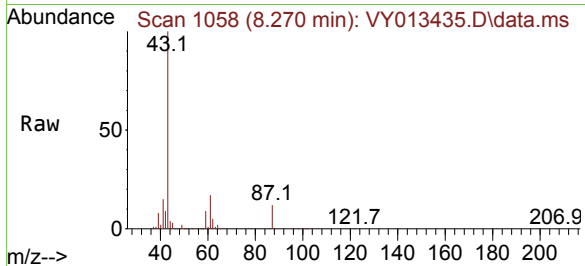




#43
Isopropyl Acetate
Concen: 51.669 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

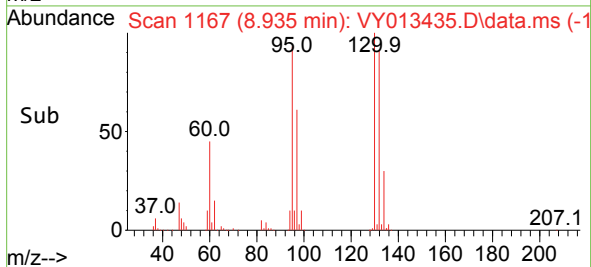
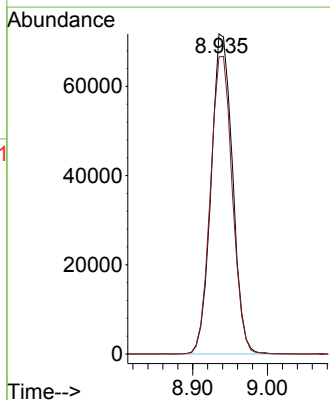
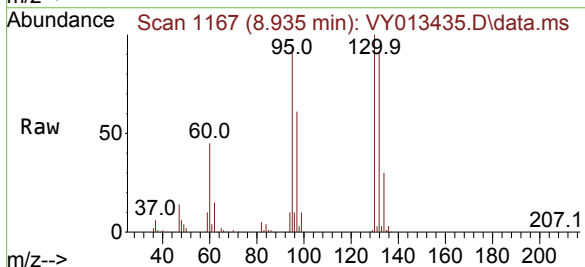
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

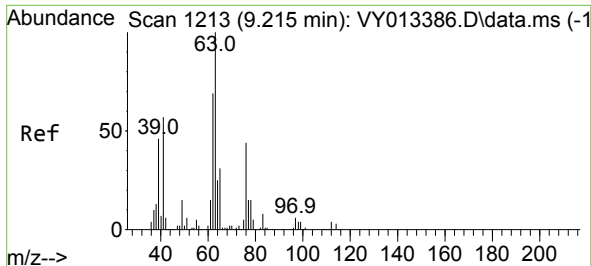
Tgt Ion: 43 Resp: 243395
Ion Ratio Lower Upper
43 100
61 26.4 22.2 33.4
87 12.4 11.0 16.6



#44
Trichloroethene
Concen: 51.373 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion:130 Resp: 142758
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.910 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

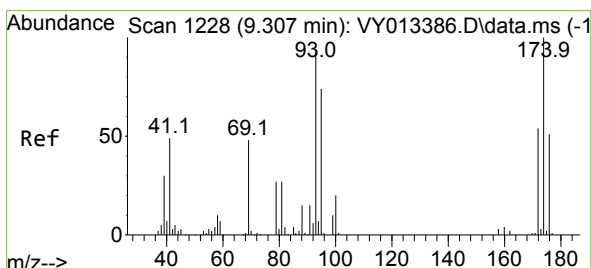
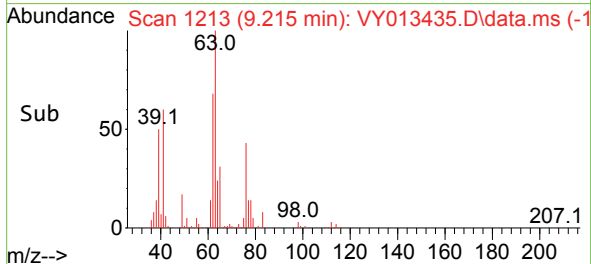
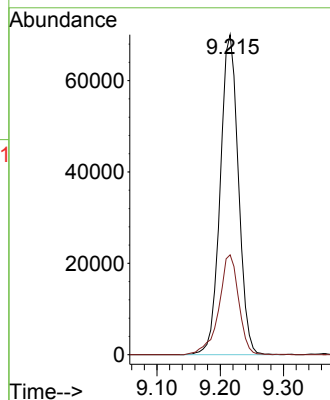
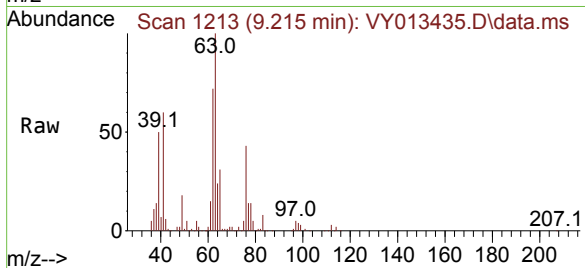
VSTDCCC050EC

Tgt Ion: 63 Resp: 139059

Ion Ratio Lower Upper

63 100

65 31.2 24.6 37.0



#46

Dibromomethane

Concen: 53.302 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

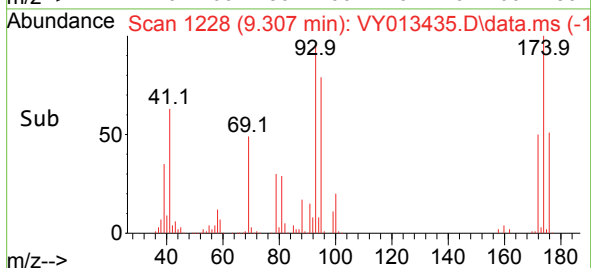
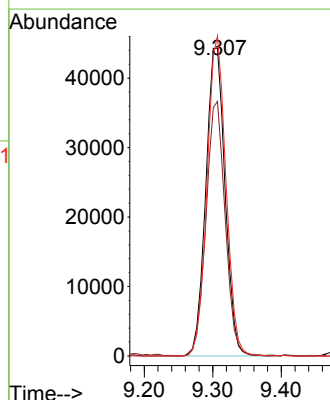
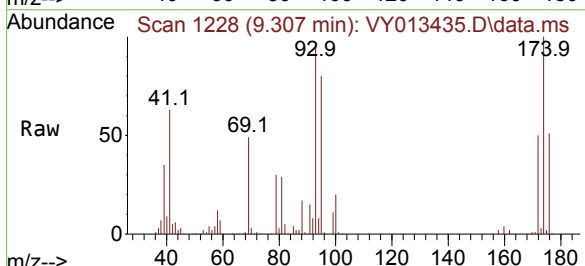
Tgt Ion: 93 Resp: 87113

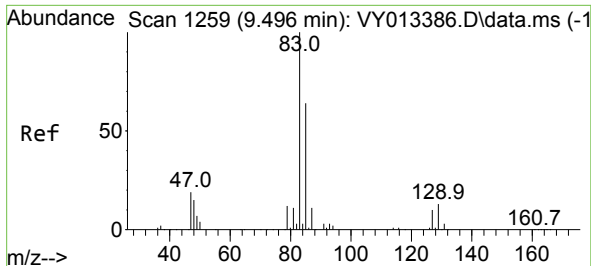
Ion Ratio Lower Upper

93 100

95 81.8 67.1 100.7

174 101.2 87.0 130.4





#47

Bromodichloromethane

Concen: 53.086 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

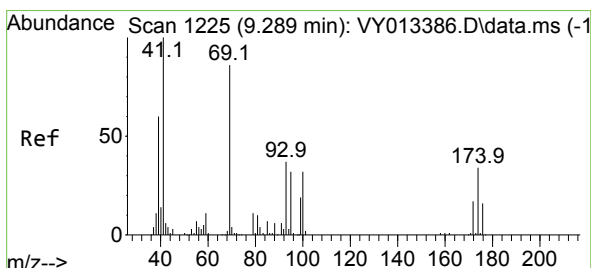
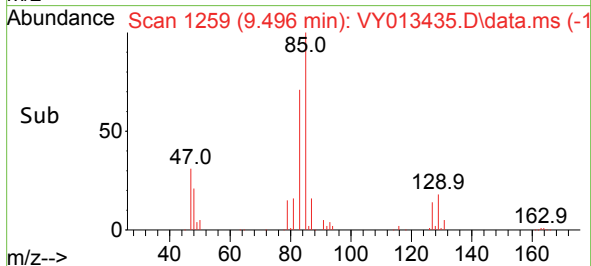
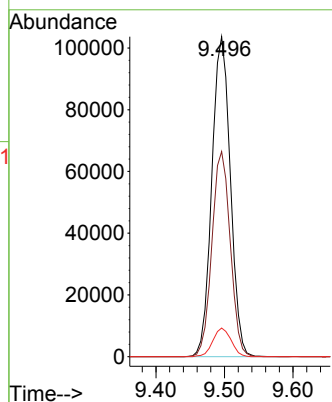
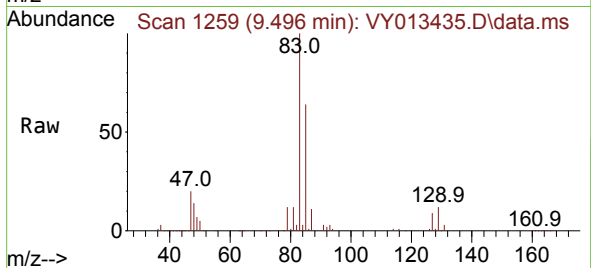
Tgt Ion: 83 Resp: 194137

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2

127 9.0 8.1 12.1



#48

Methyl methacrylate

Concen: 52.630 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

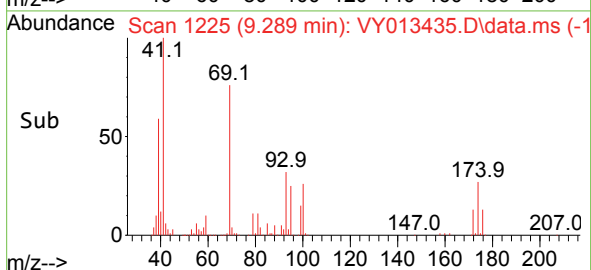
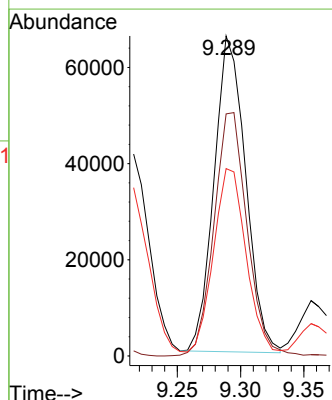
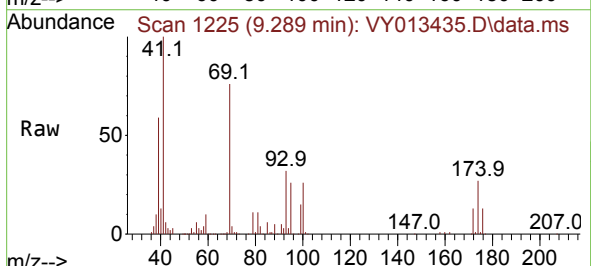
Tgt Ion: 41 Resp: 113864

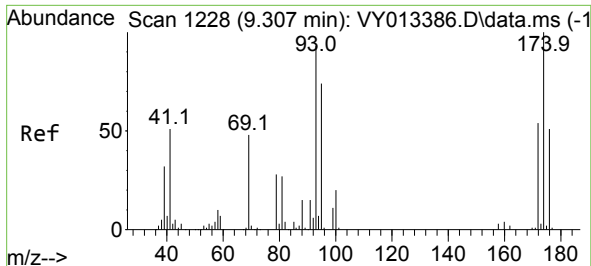
Ion Ratio Lower Upper

41 100

69 81.4 70.2 105.4

39 62.2 47.9 71.9





#49

1,4-Dioxane

Concen: 1056.052 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

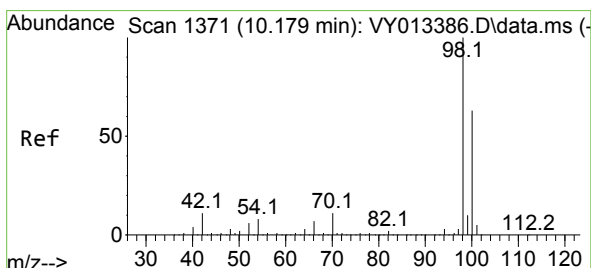
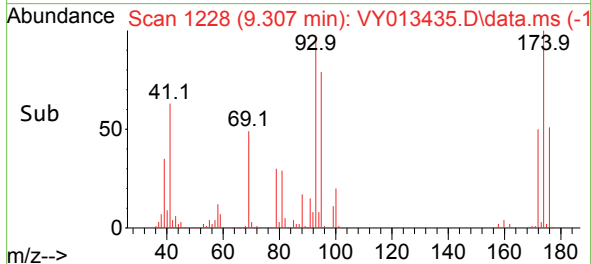
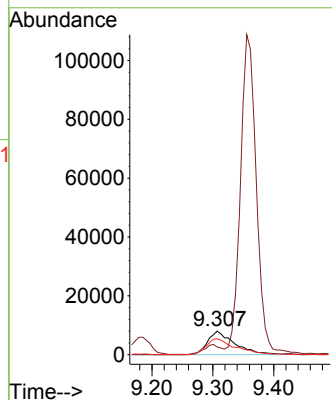
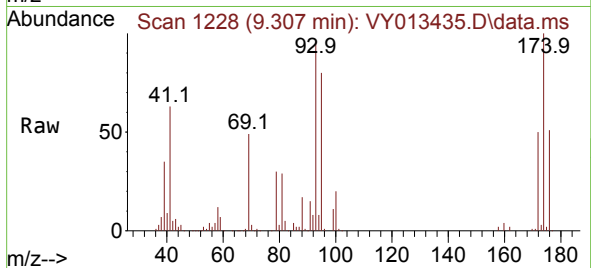
Tgt Ion: 88 Resp: 24650

Ion Ratio Lower Upper

88 100

43 26.9 16.8 25.2#

58 74.6 54.3 81.5



#50

Toluene-d8

Concen: 50.430 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013435.D

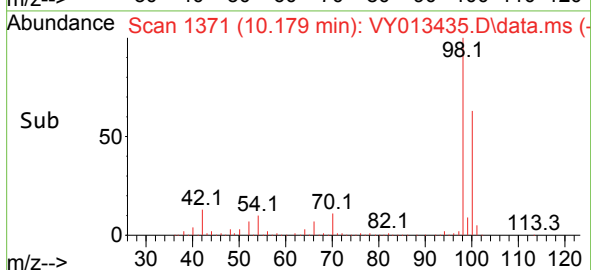
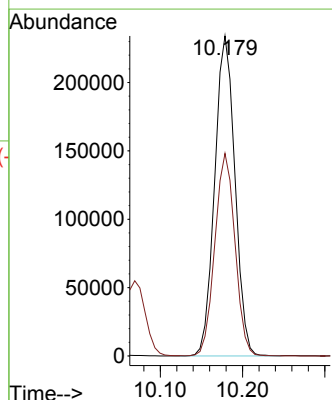
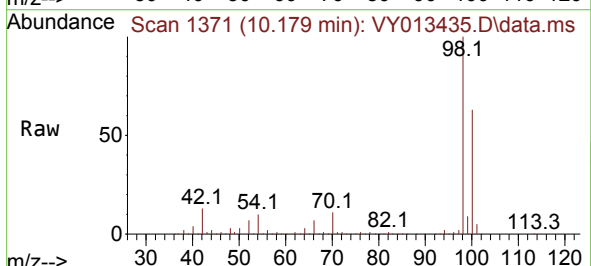
Acq: 25 Apr 2023 07:44

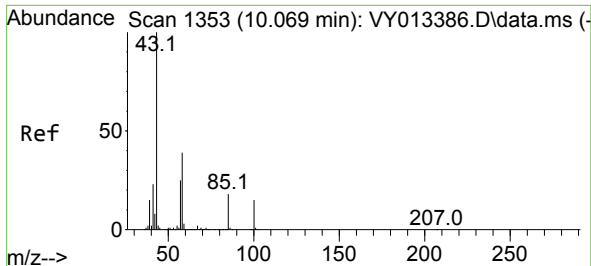
Tgt Ion: 98 Resp: 400885

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

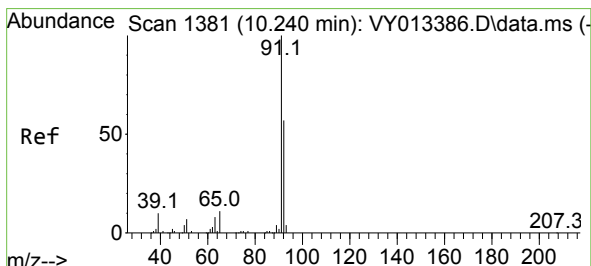
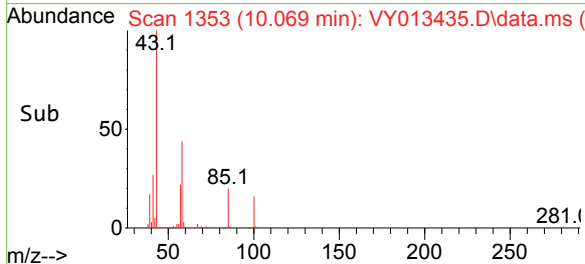
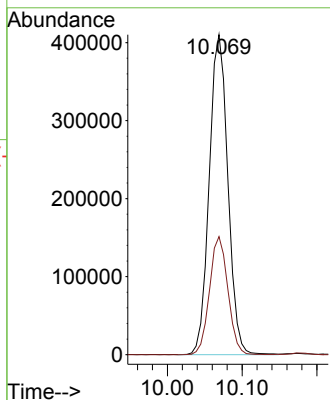
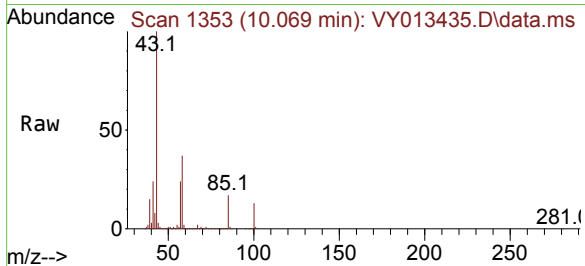




#51
4-Methyl-2-Pentanone
Concen: 270.282 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

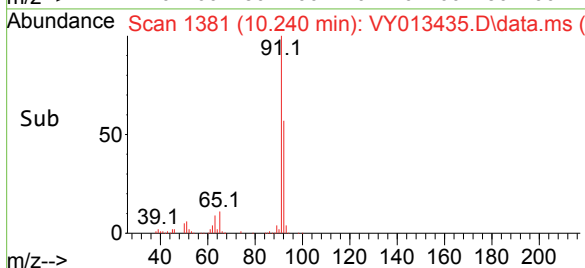
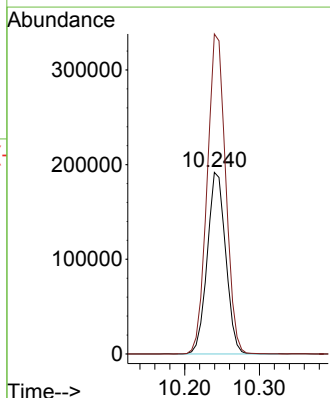
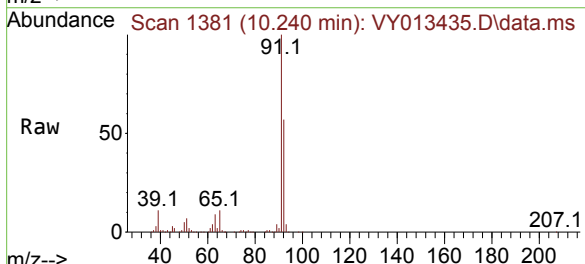
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

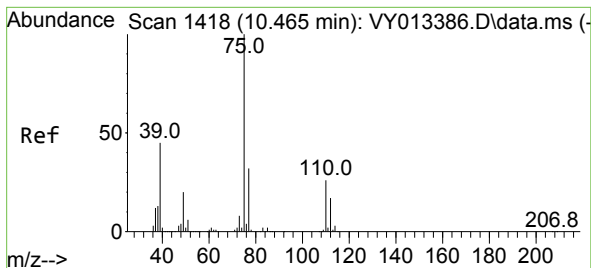
Tgt Ion: 43 Resp: 709492
Ion Ratio Lower Upper
43 100
58 36.4 30.6 46.0



#52
Toluene
Concen: 52.205 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 92 Resp: 328186
Ion Ratio Lower Upper
92 100
91 177.2 140.2 210.4

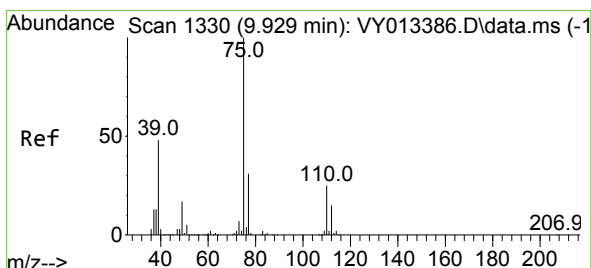
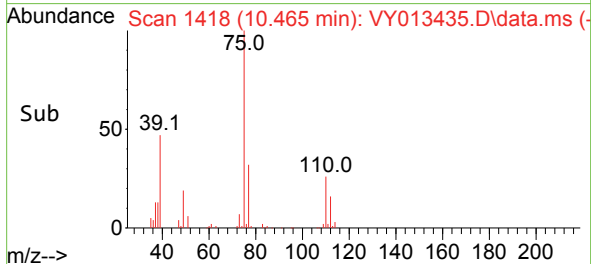
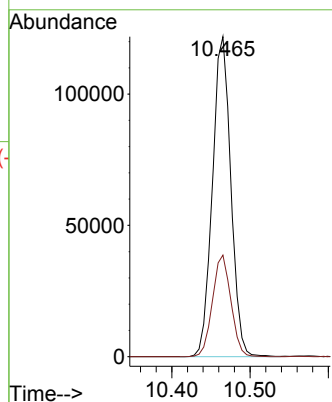
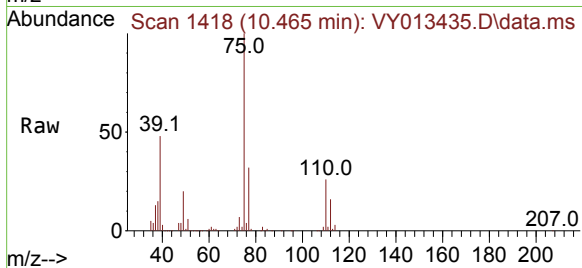




#53
t-1,3-Dichloropropene
Concen: 51.396 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

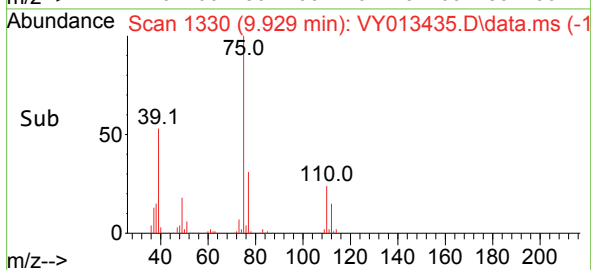
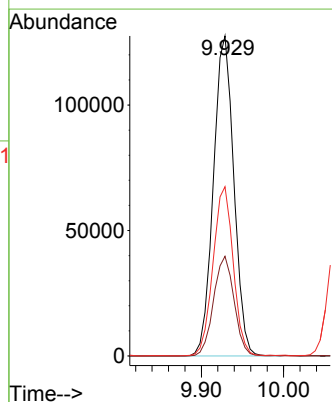
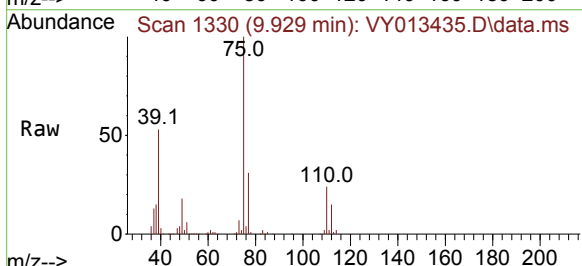
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

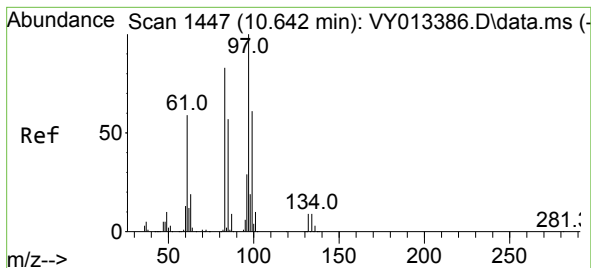
Tgt Ion: 75 Resp: 198922
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 50.613 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 75 Resp: 220422
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 52.8 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 53.944 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 116752

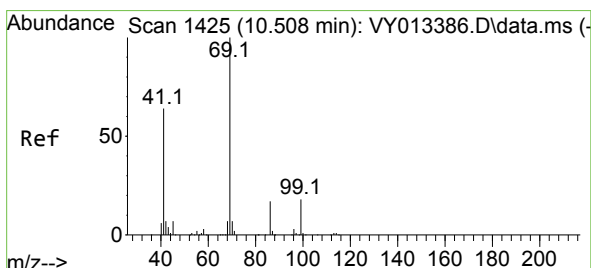
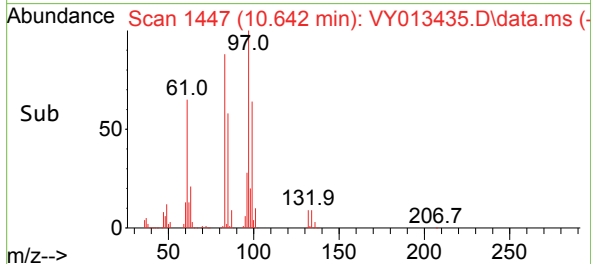
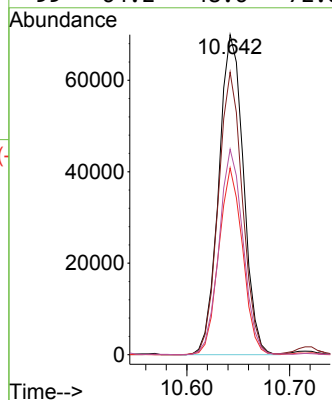
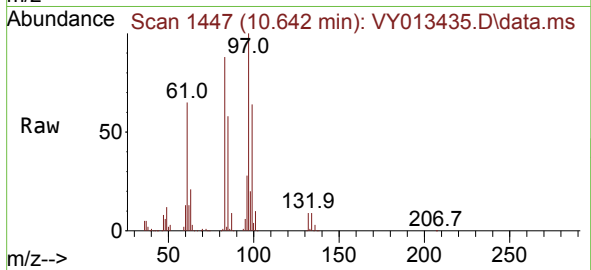
Ion Ratio Lower Upper

97 100

83 88.3 66.4 99.6

85 58.4 45.6 68.4

99 64.2 48.6 72.8



#56

Ethyl methacrylate

Concen: 56.003 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

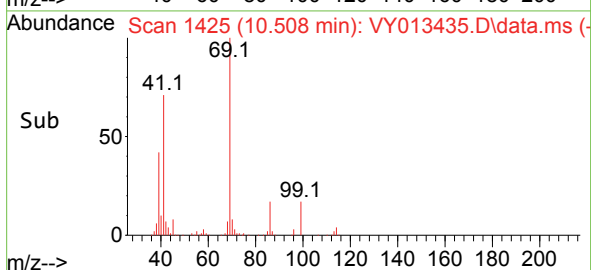
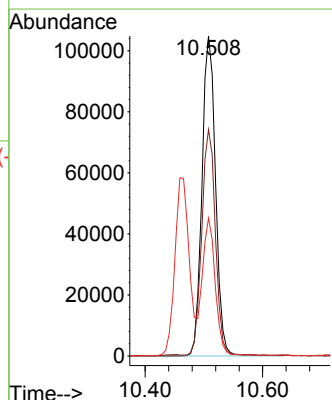
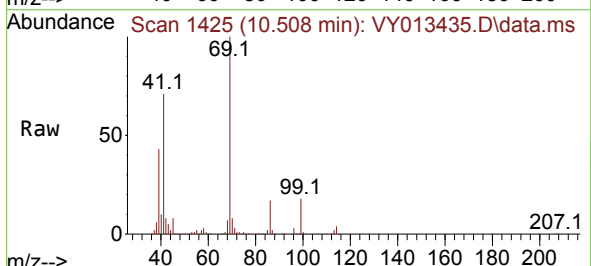
Tgt Ion: 69 Resp: 168159

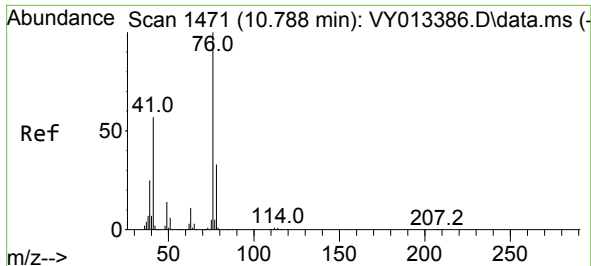
Ion Ratio Lower Upper

69 100

41 70.5 51.4 77.0

39 39.6 29.0 43.6





#57

1,3-Dichloropropane

Concen: 53.419 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

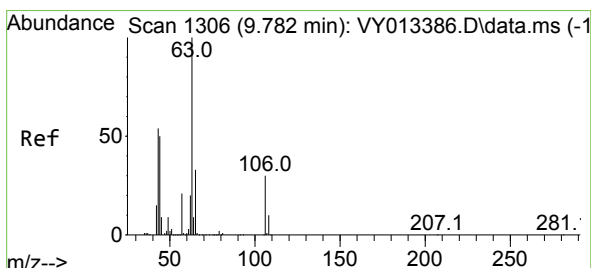
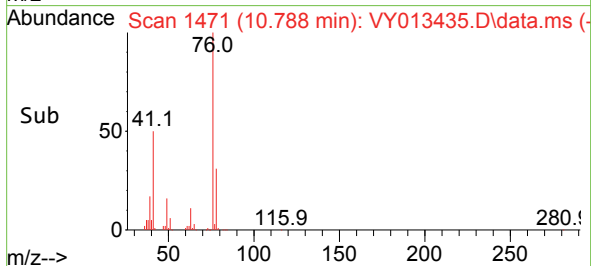
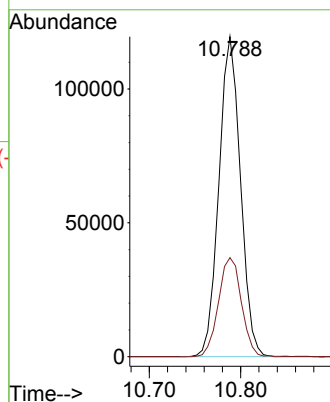
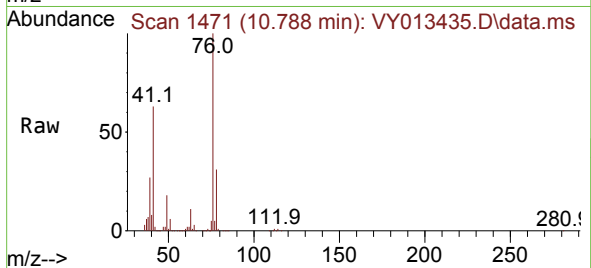
VSTDCCC050EC

Tgt Ion: 76 Resp: 195808

Ion Ratio Lower Upper

76 100

78 32.9 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 252.550 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013435.D

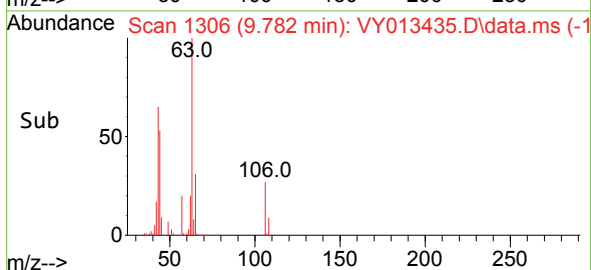
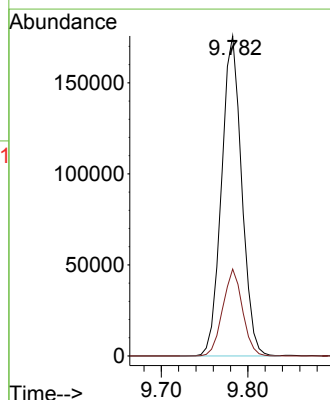
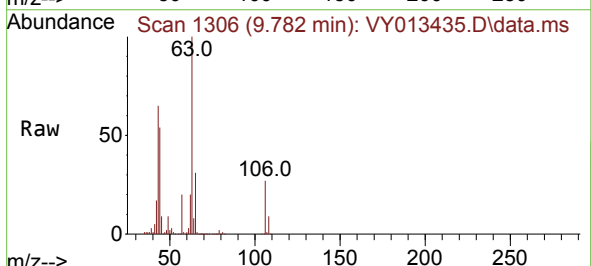
Acq: 25 Apr 2023 07:44

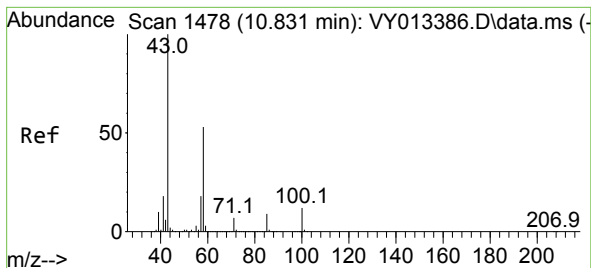
Tgt Ion: 63 Resp: 284361

Ion Ratio Lower Upper

63 100

106 26.5 23.5 35.3

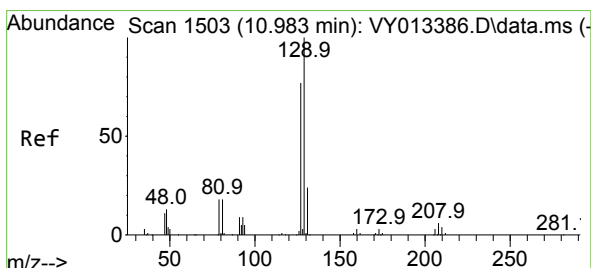
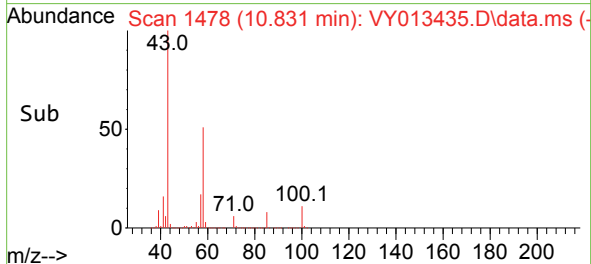
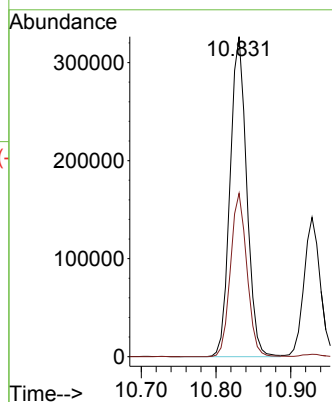
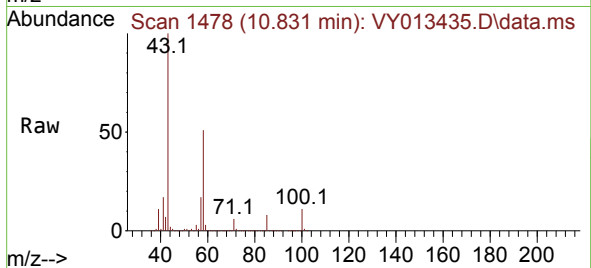




#59
2-Hexanone
Concen: 264.112 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

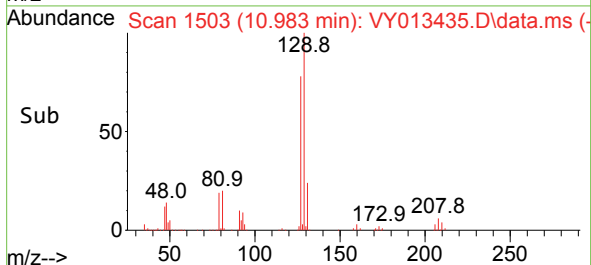
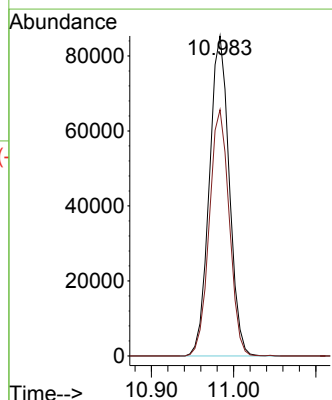
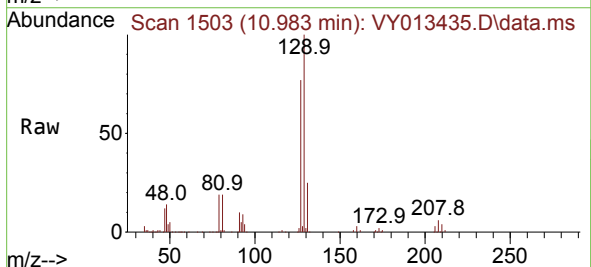
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

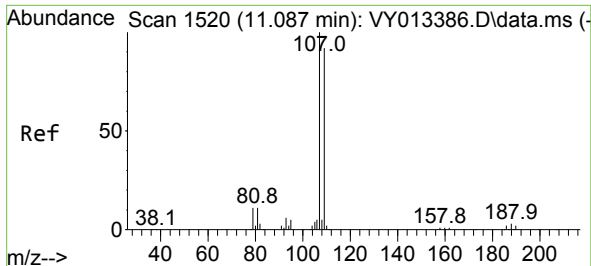
Tgt Ion: 43 Resp: 503971
Ion Ratio Lower Upper
43 100
58 50.6 26.3 78.8



#60
Dibromochloromethane
Concen: 54.538 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 129 Resp: 143326
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

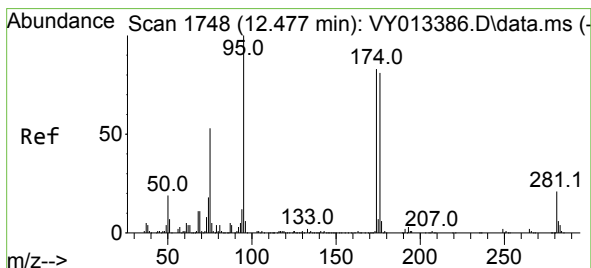
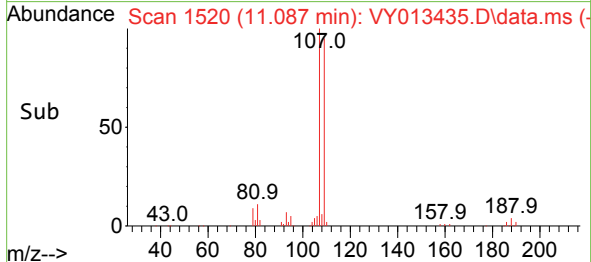
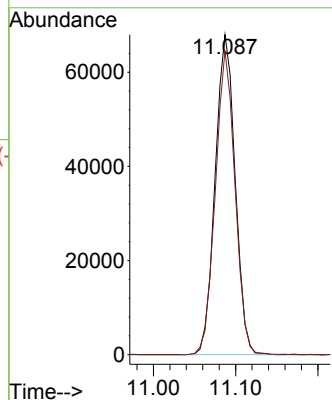
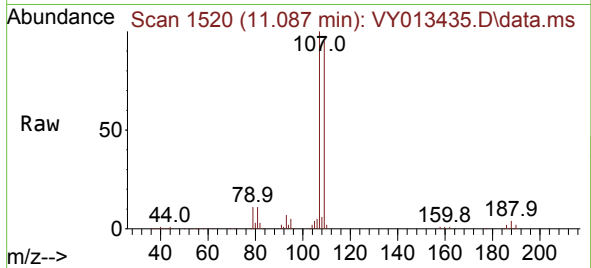




#61
1,2-Dibromoethane
Concen: 53.831 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

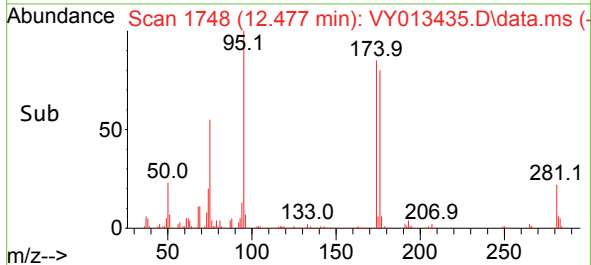
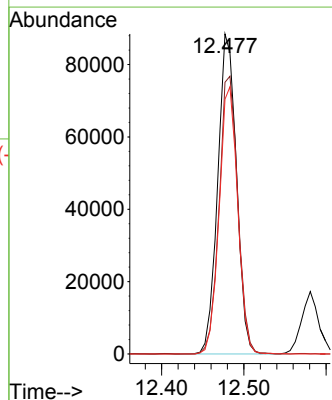
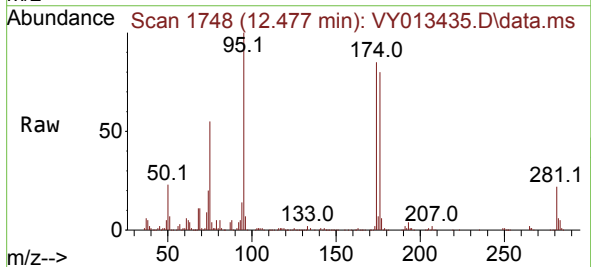
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

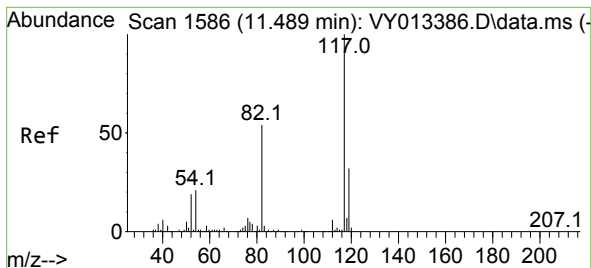
Tgt Ion:107 Resp: 114546
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.211 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 95 Resp: 139922
Ion Ratio Lower Upper
95 100
174 87.1 0.0 182.0
176 82.5 0.0 175.4

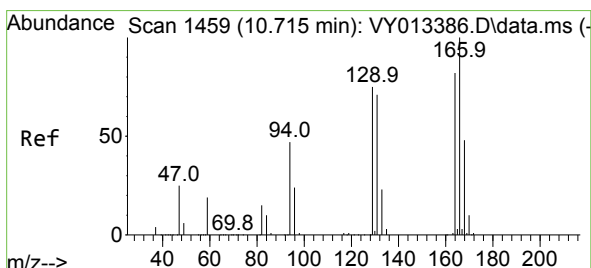
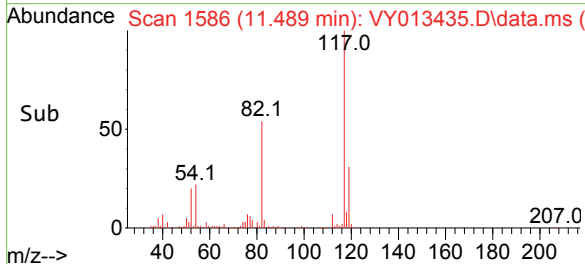
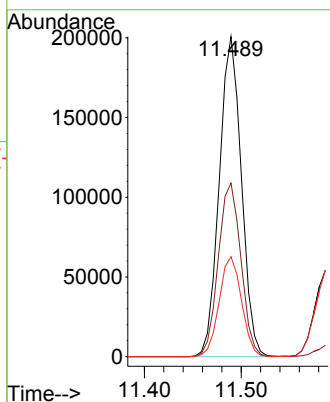
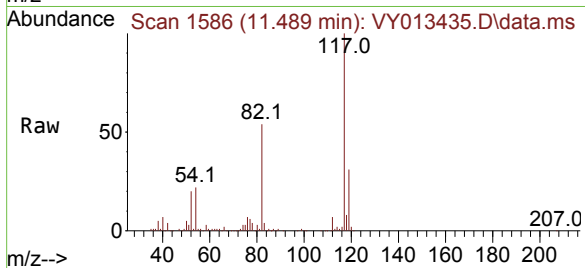




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

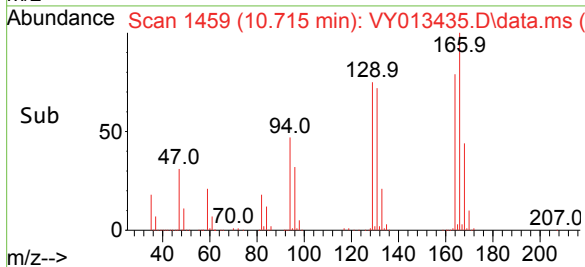
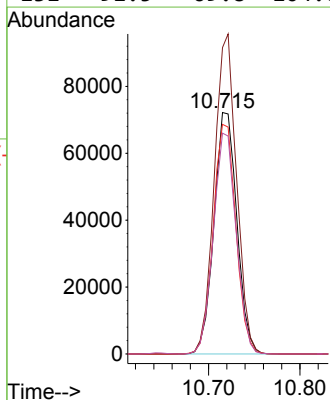
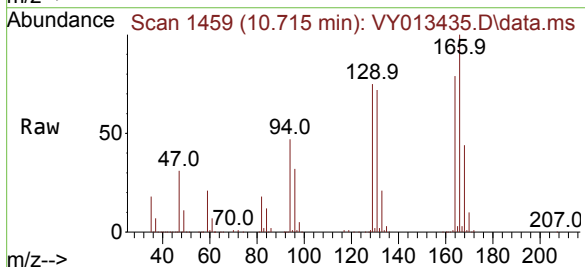
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

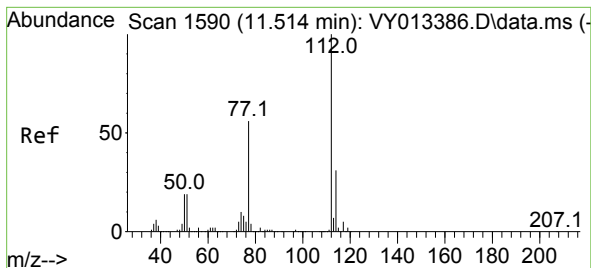
Tgt Ion:117 Resp: 318600
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.6
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 51.819 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion:164 Resp: 125540
Ion Ratio Lower Upper
164 100
166 126.9 97.5 146.3
129 95.1 72.6 109.0
131 91.5 69.8 104.6

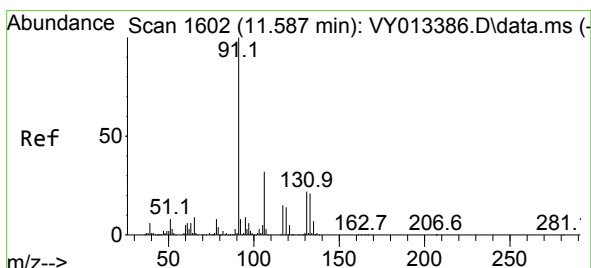
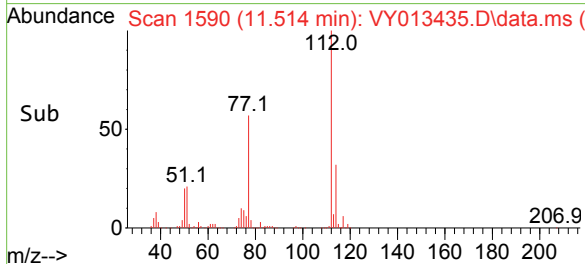
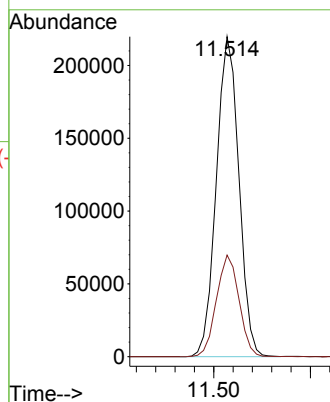
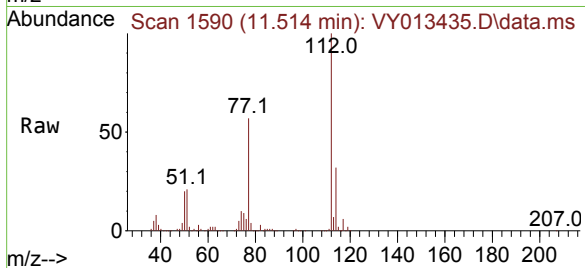




#65
Chlorobenzene
Concen: 51.241 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

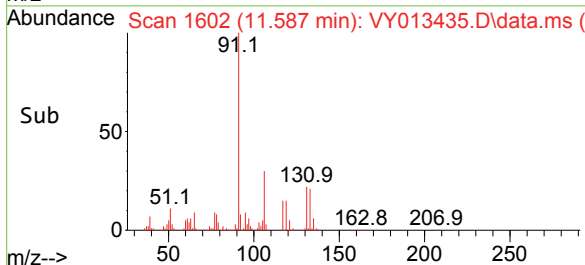
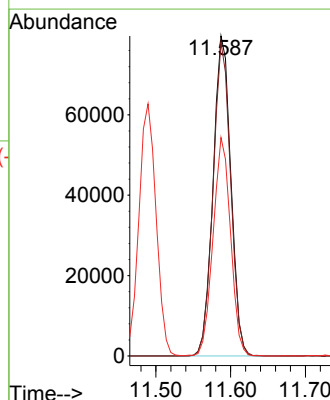
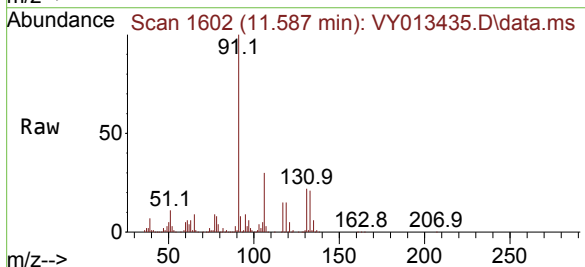
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

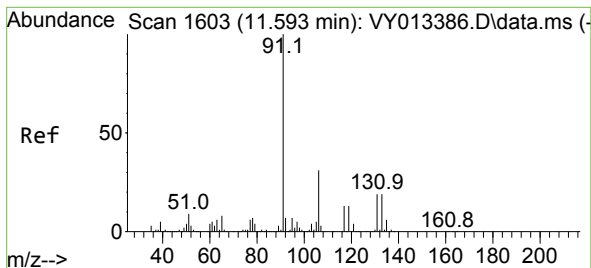
Tgt Ion:112 Resp: 355630
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.852 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion:131 Resp: 131995
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 67.2 32.6 98.0





#67

Ethyl Benzene

Concen: 51.191 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

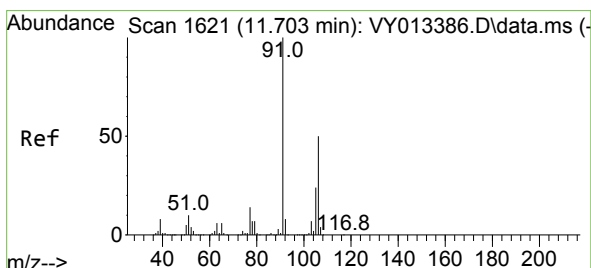
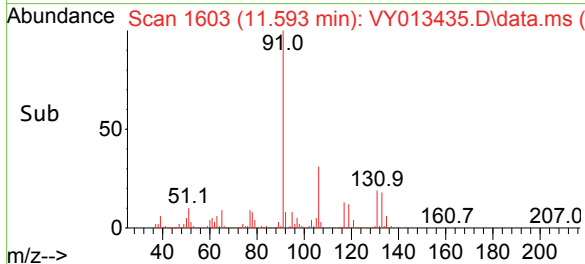
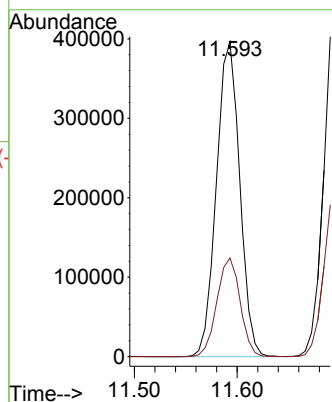
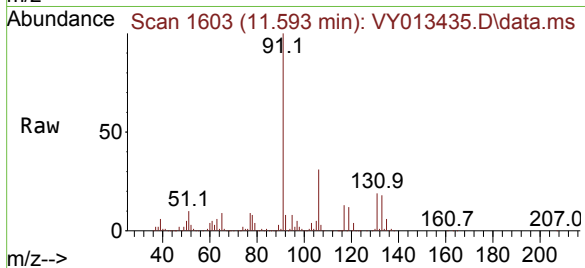
VSTDCCC050EC

Tgt Ion: 91 Resp: 623874

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 102.523 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013435.D

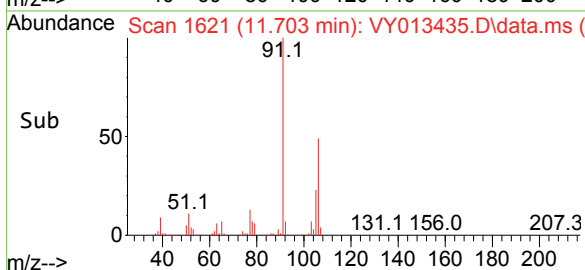
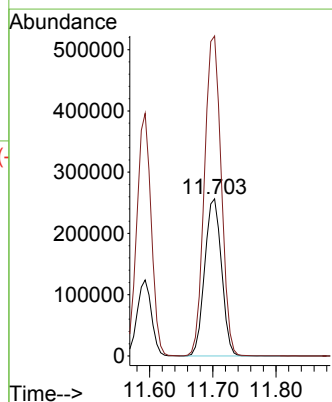
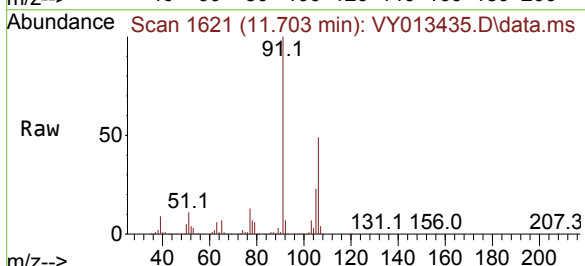
Acq: 25 Apr 2023 07:44

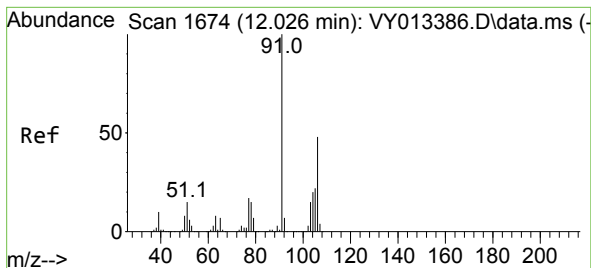
Tgt Ion: 106 Resp: 474992

Ion Ratio Lower Upper

106 100

91 203.3 160.9 241.3





#69

o-Xylene

Concen: 51.793 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

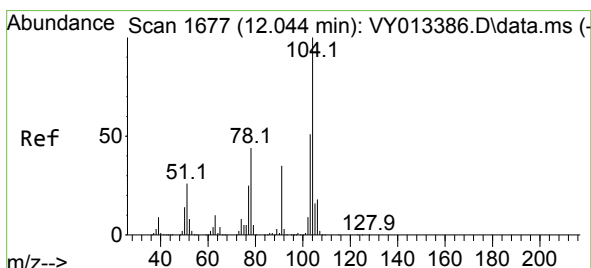
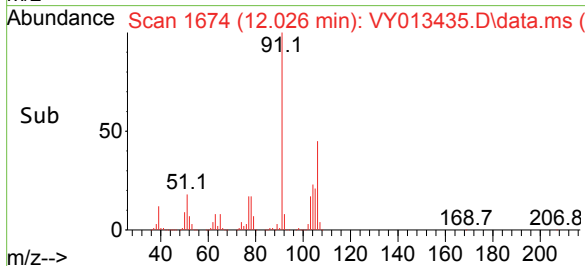
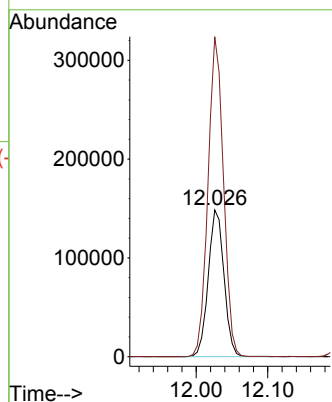
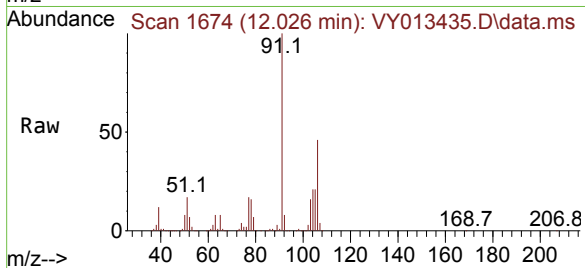
VSTDCCC050EC

Tgt Ion:106 Resp: 226939

Ion Ratio Lower Upper

106 100

91 214.7 105.5 316.4



#70

Styrene

Concen: 52.647 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

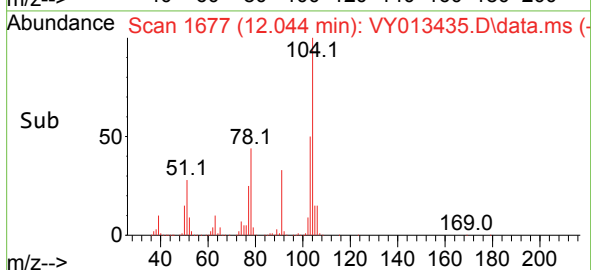
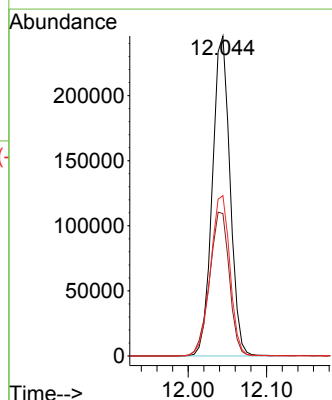
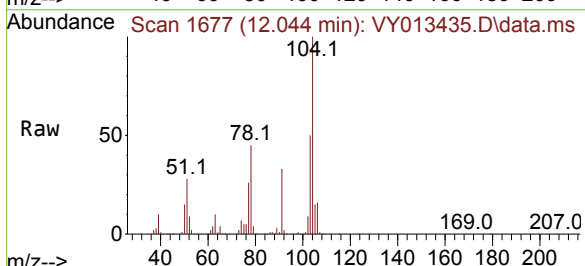
Tgt Ion:104 Resp: 385706

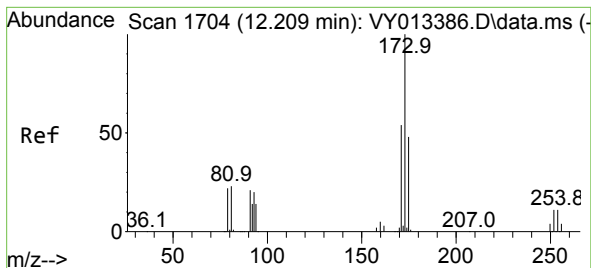
Ion Ratio Lower Upper

104 100

78 50.6 40.3 60.5

103 55.4 45.0 67.4





#71

Bromoform

Concen: 52.627 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

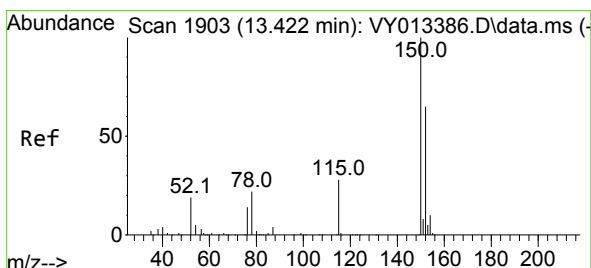
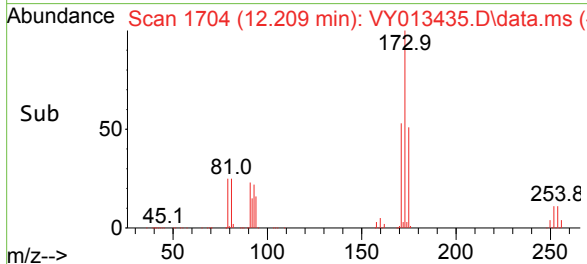
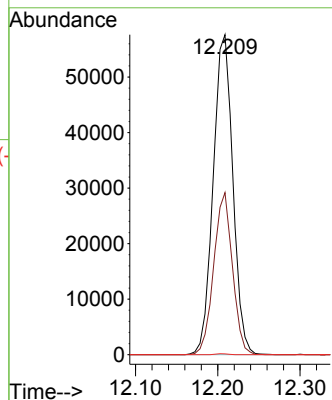
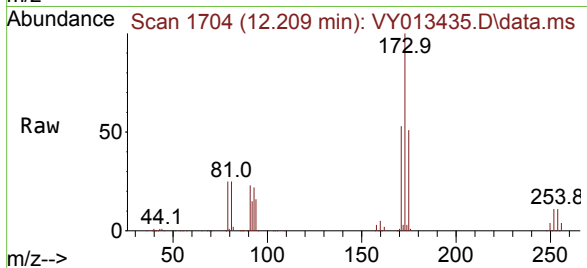
Tgt Ion:173 Resp: 95683

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

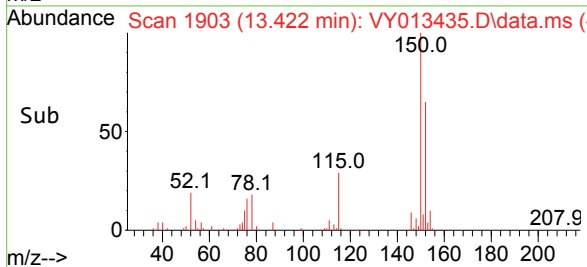
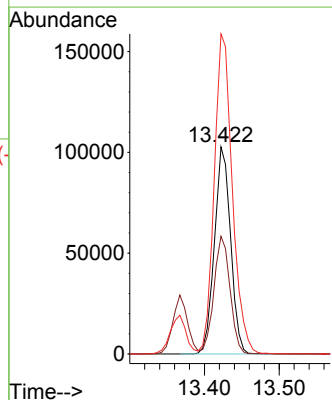
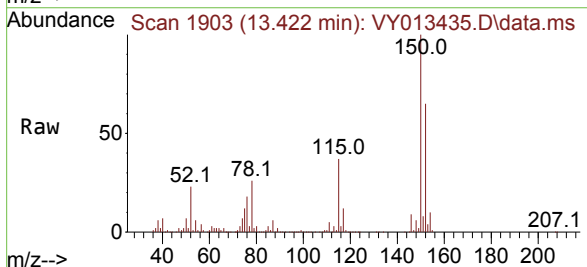
Tgt Ion:152 Resp: 154605

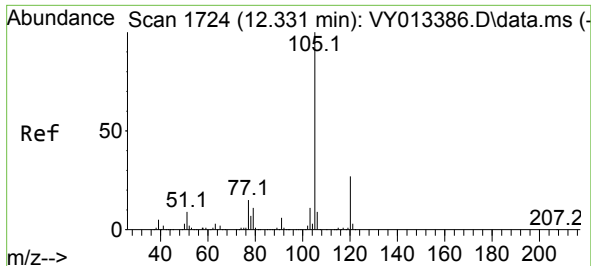
Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 172.4 0.0 352.0

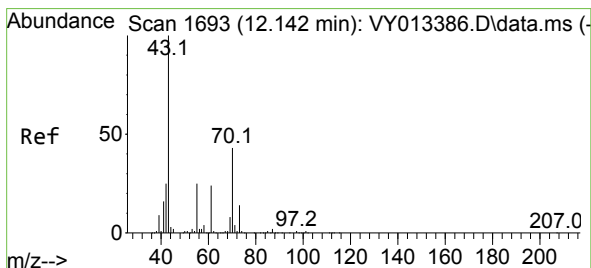
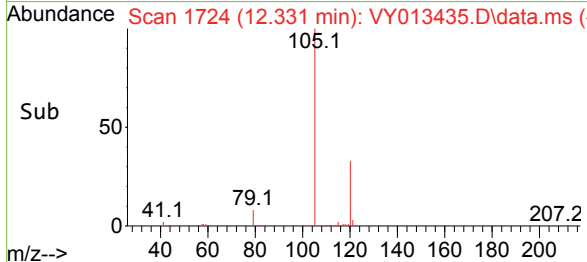
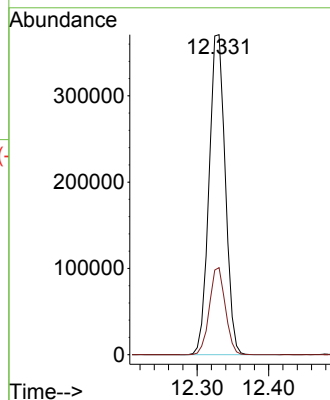
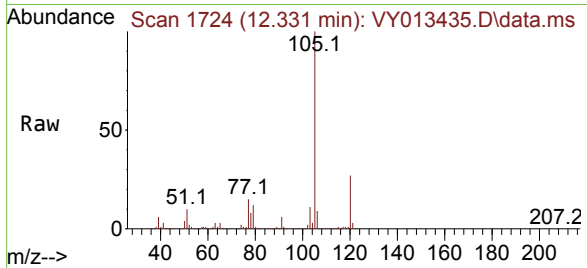




#73
Isopropylbenzene
Concen: 49.927 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

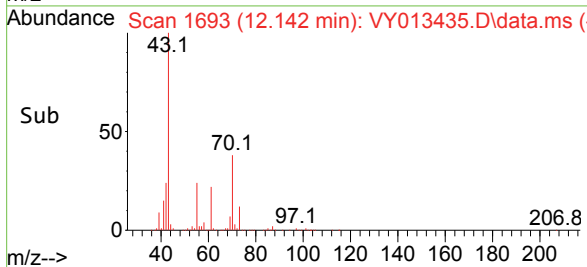
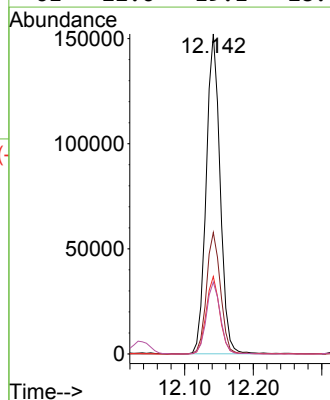
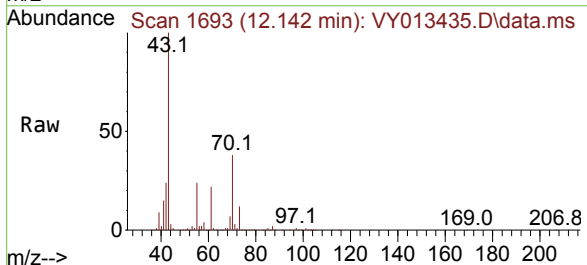
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

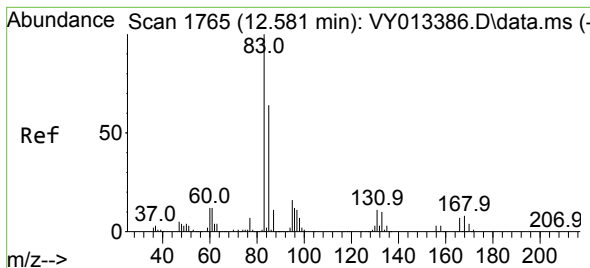
Tgt Ion:105 Resp: 583839
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0



#74
N-ethyl acetate
Concen: 51.638 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 43 Resp: 214885
Ion Ratio Lower Upper
43 100
70 38.1 33.0 49.4
55 23.8 19.8 29.6
61 22.6 19.1 28.7

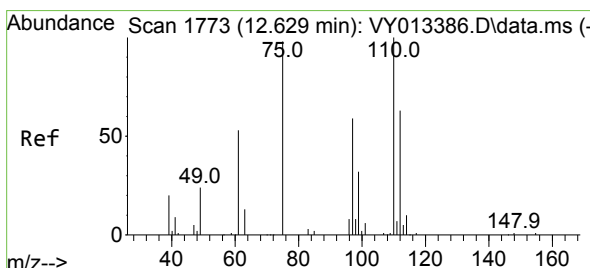
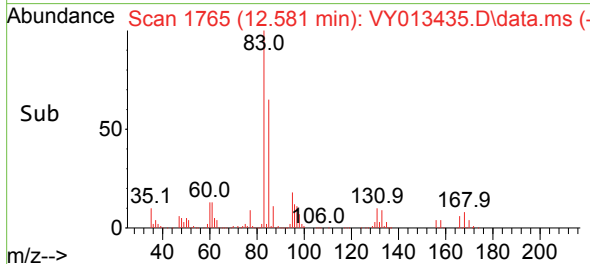
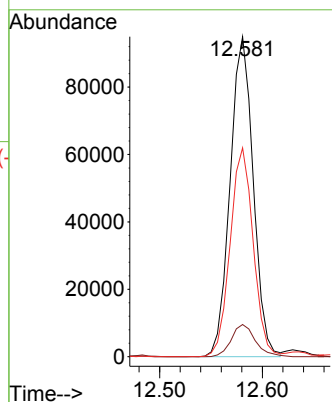
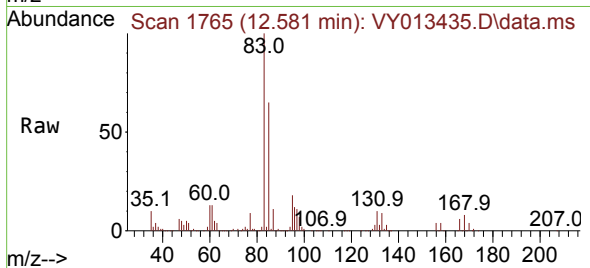




#75
1,1,2,2-Tetrachloroethane
Concen: 51.935 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

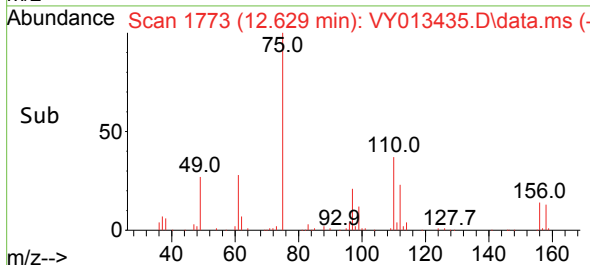
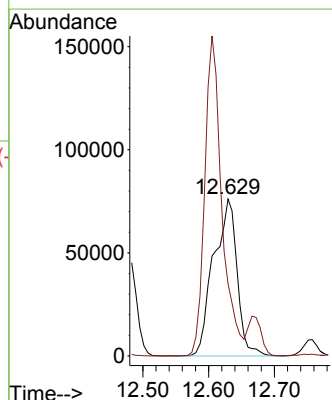
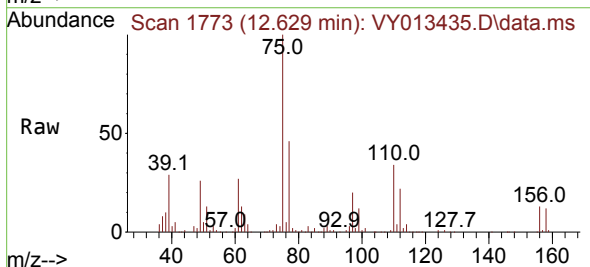
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

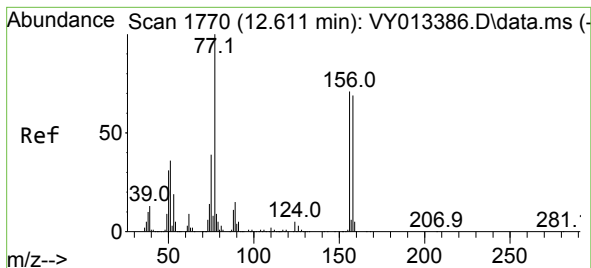
Tgt Ion: 83 Resp: 148443
Ion Ratio Lower Upper
83 100
131 10.5 5.7 17.0
85 65.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 90.767 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 75 Resp: 189252
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.415 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

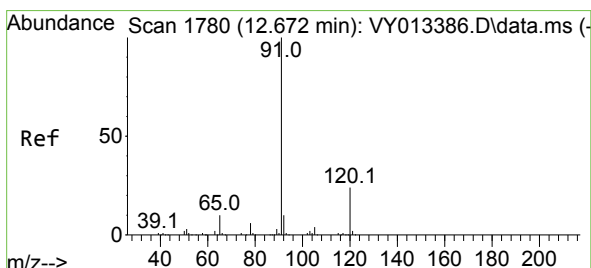
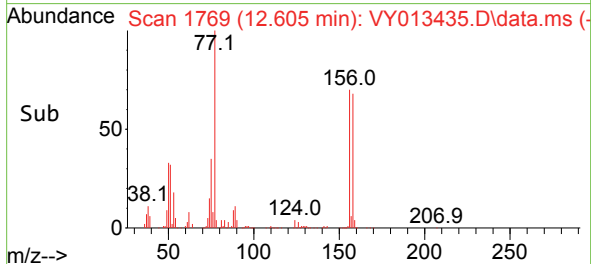
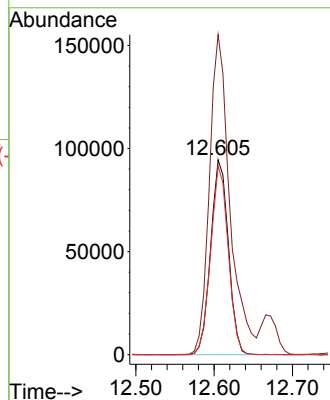
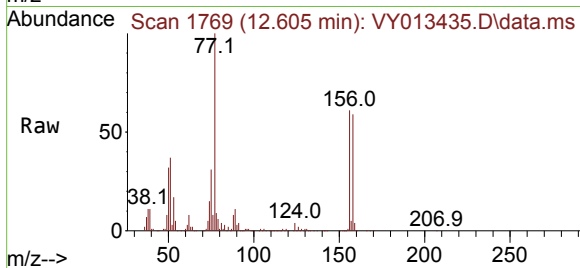
Tgt Ion:156 Resp: 148516

Ion Ratio Lower Upper

156 100

77 189.7 87.6 262.9

158 95.9 48.5 145.5



#78

n-propylbenzene

Concen: 49.147 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013435.D

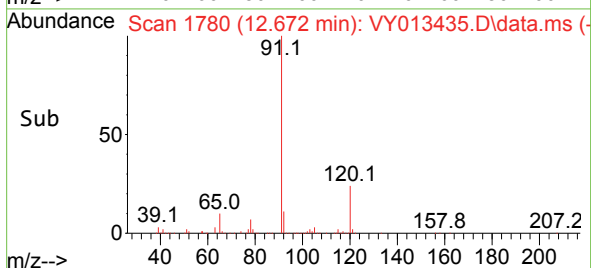
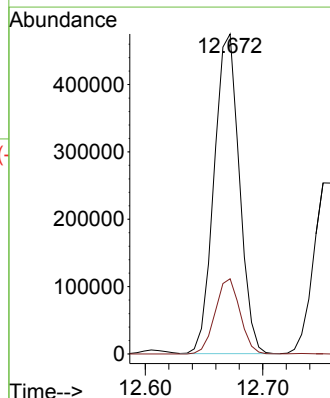
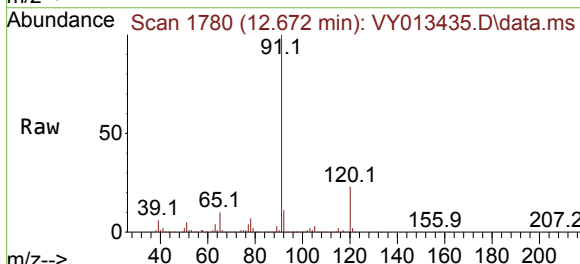
Acq: 25 Apr 2023 07:44

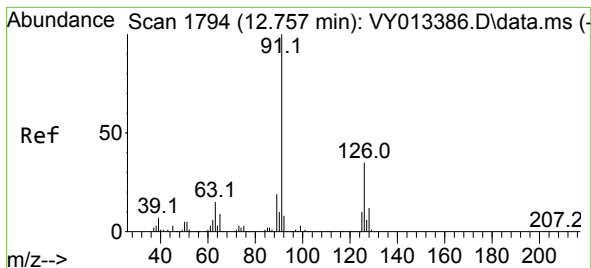
Tgt Ion: 91 Resp: 707894

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 50.460 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

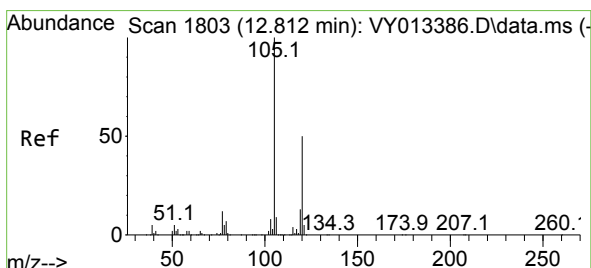
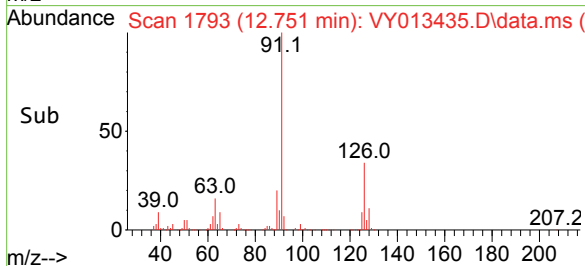
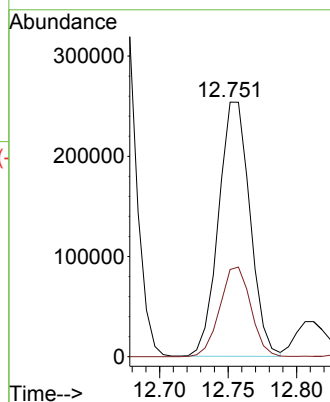
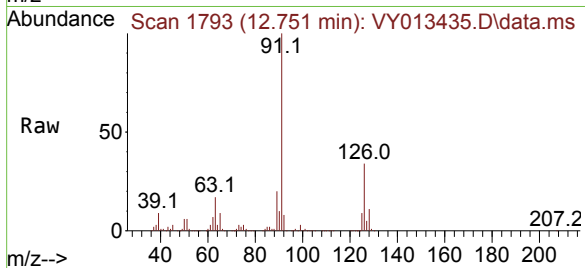
VSTDCCC050EC

Tgt Ion: 91 Resp: 405868

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 50.857 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013435.D

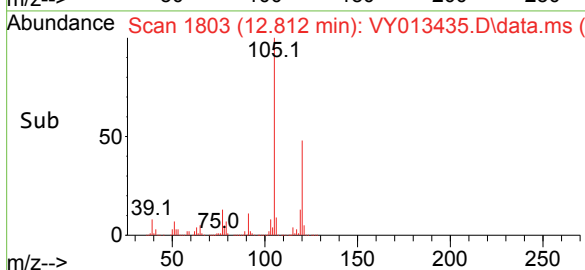
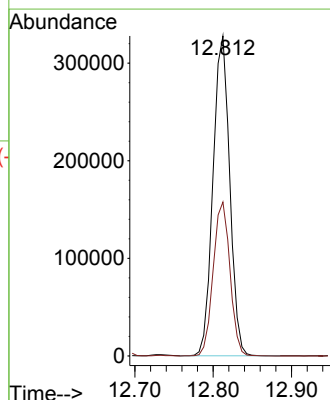
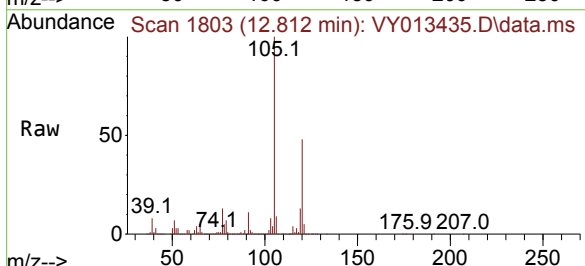
Acq: 25 Apr 2023 07:44

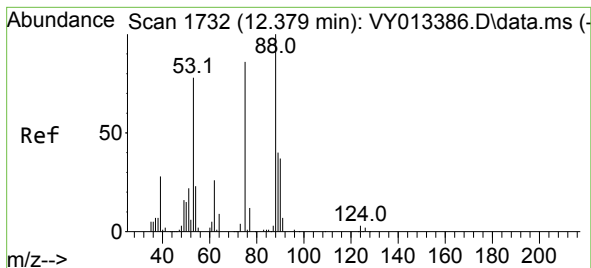
Tgt Ion: 105 Resp: 485398

Ion Ratio Lower Upper

105 100

120 48.3 24.7 74.1

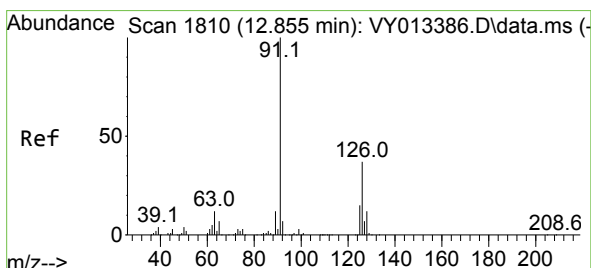
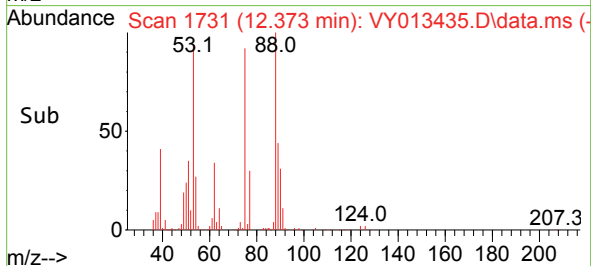
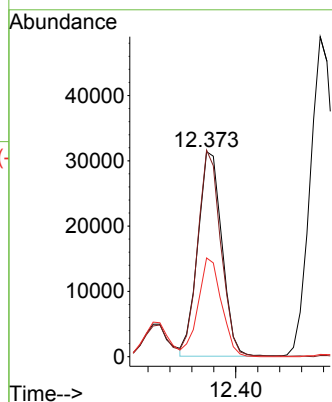
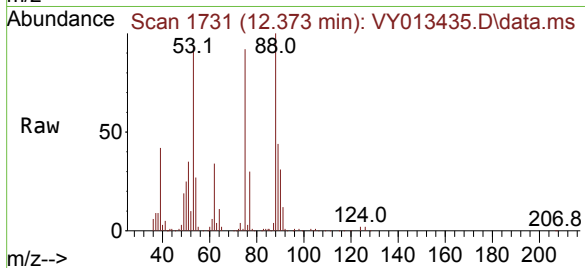




#81
trans-1,4-Dichloro-2-butene
Concen: 46.954 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

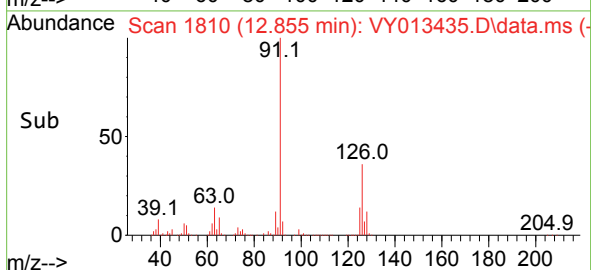
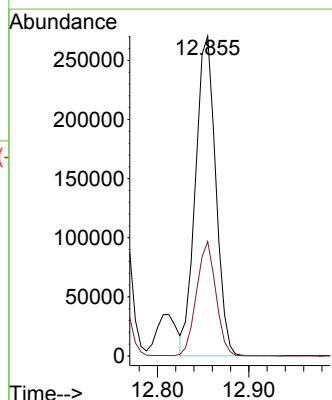
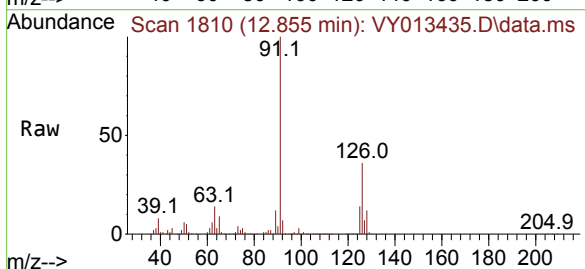
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

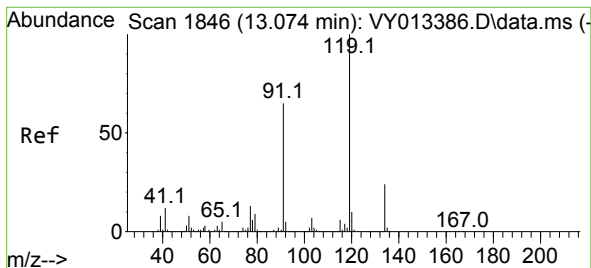
Tgt Ion: 75 Resp: 47860
Ion Ratio Lower Upper
75 100
53 97.9 73.2 109.8
89 46.9 38.0 57.0



#82
4-Chlorotoluene
Concen: 49.573 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion: 91 Resp: 415596
Ion Ratio Lower Upper
91 100
126 34.3 17.9 53.8





#83

tert-Butylbenzene

Concen: 51.290 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

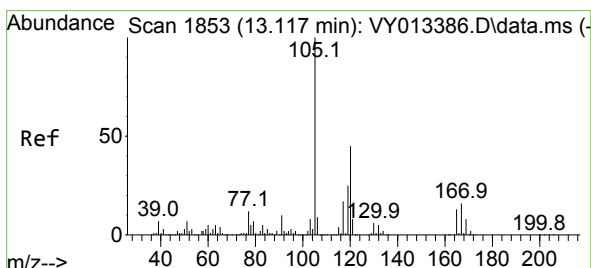
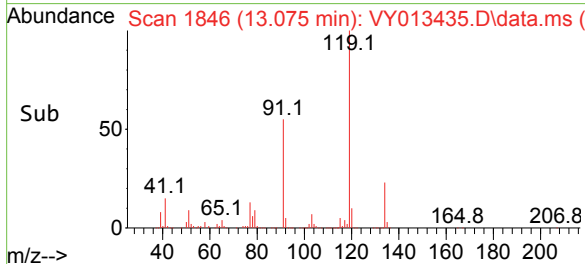
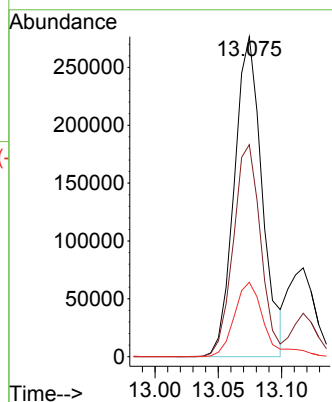
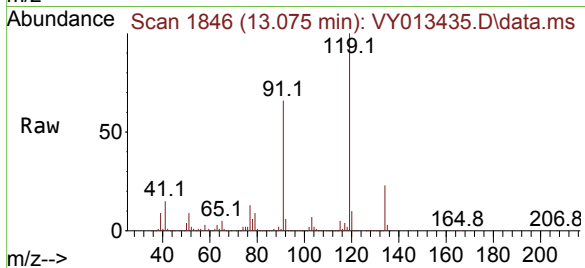
Tgt Ion:119 Resp: 424118

Ion Ratio Lower Upper

119 100

91 65.1 32.2 96.6

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.428 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013435.D

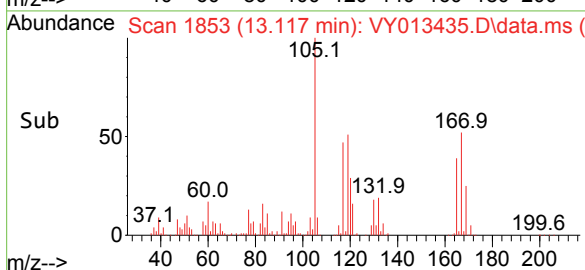
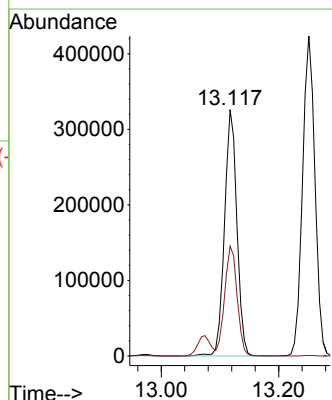
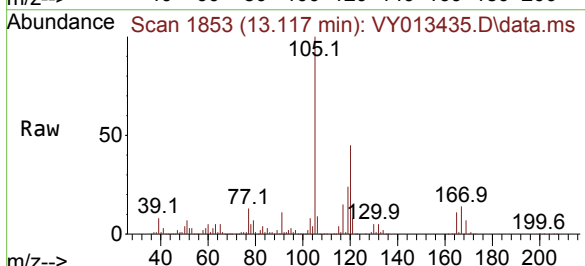
Acq: 25 Apr 2023 07:44

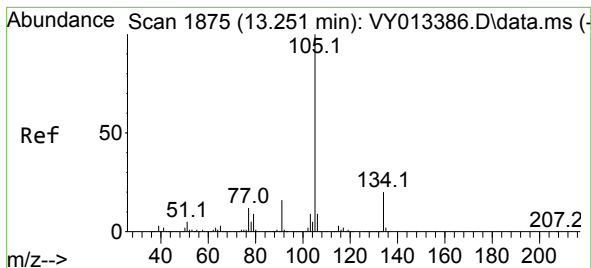
Tgt Ion:105 Resp: 477224

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.822 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

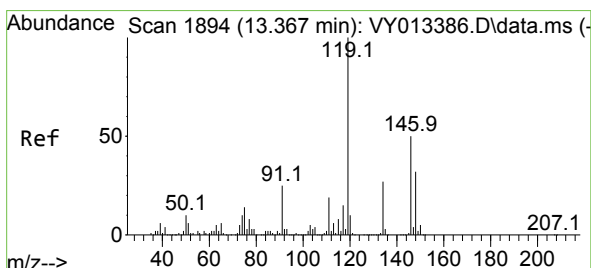
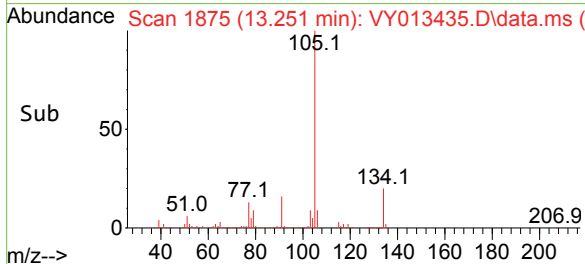
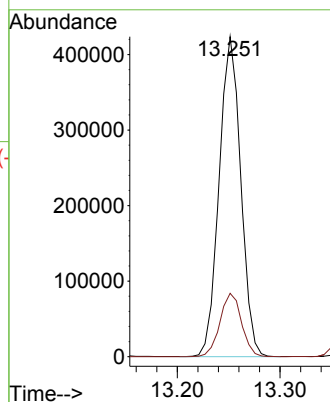
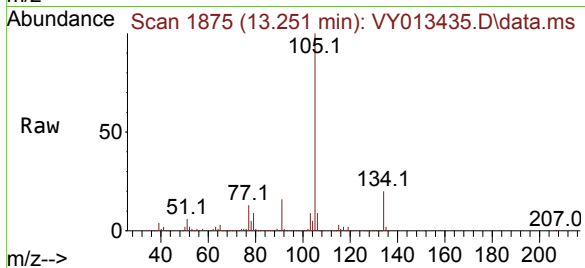
VSTDCCC050EC

Tgt Ion:105 Resp: 618295

Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 49.687 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

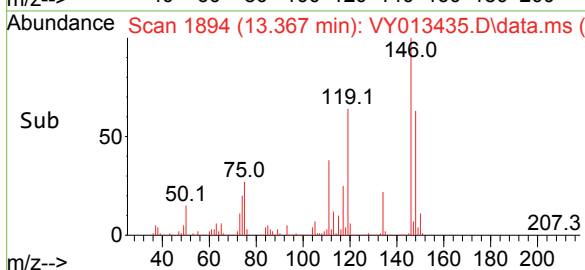
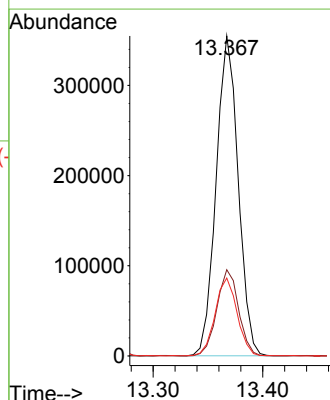
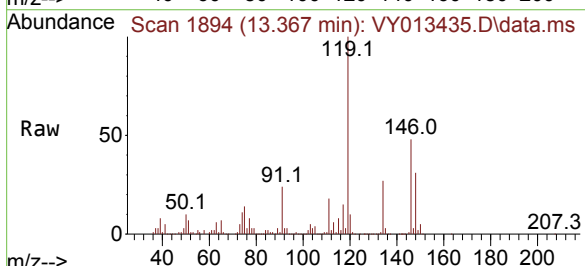
Tgt Ion:119 Resp: 495869

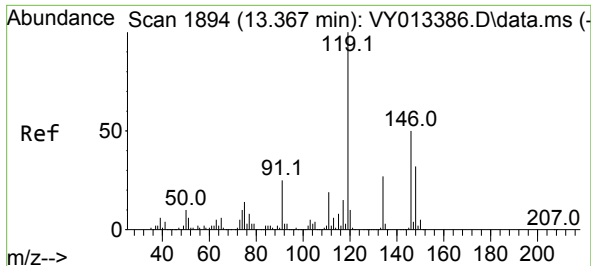
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 24.3 12.1 36.3

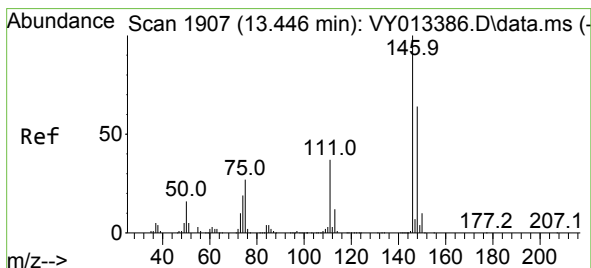
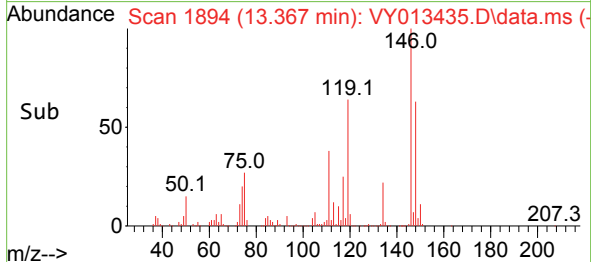
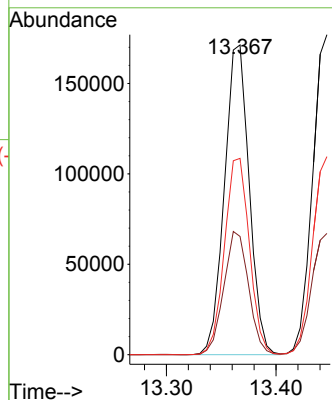
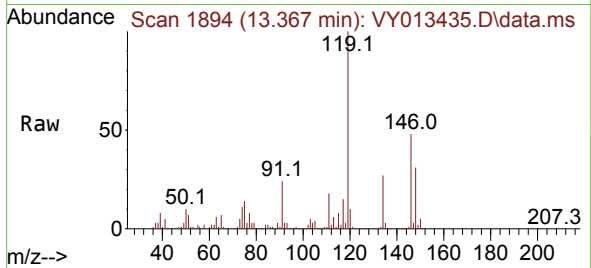




#87
1,3-Dichlorobenzene
Concen: 49.768 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

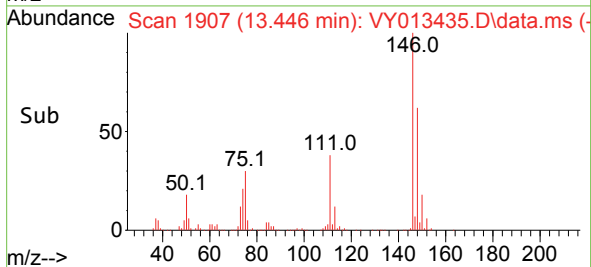
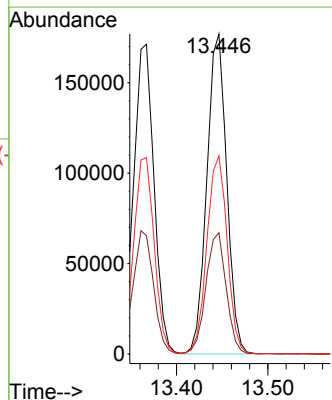
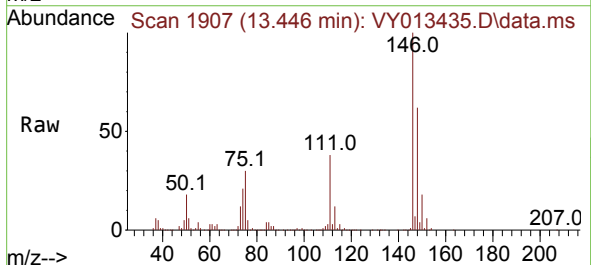
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

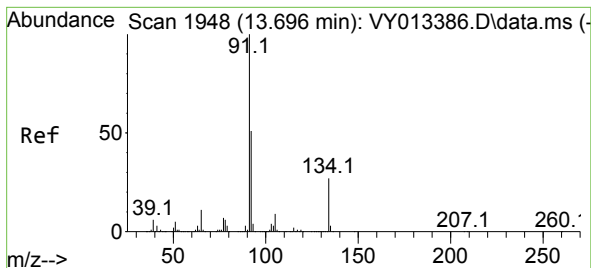
Tgt Ion:146 Resp: 268656
Ion Ratio Lower Upper
146 100
111 39.9 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.077 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013435.D
Acq: 25 Apr 2023 07:44

Tgt Ion:146 Resp: 267617
Ion Ratio Lower Upper
146 100
111 38.7 18.9 56.5
148 63.1 31.9 95.5





#89

n-Butylbenzene

Concen: 48.282 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

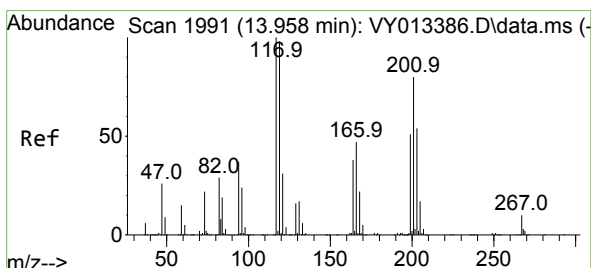
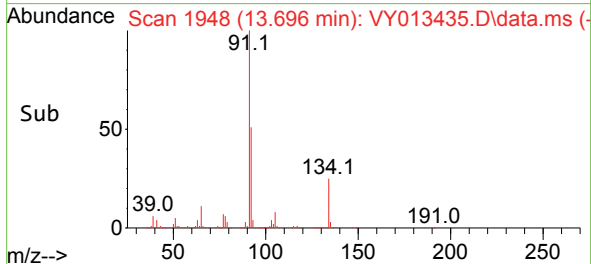
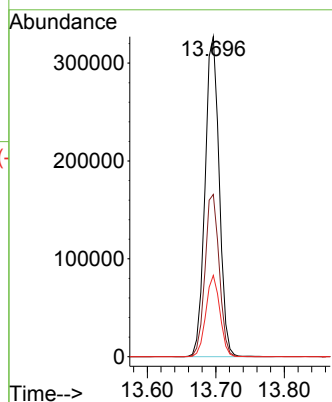
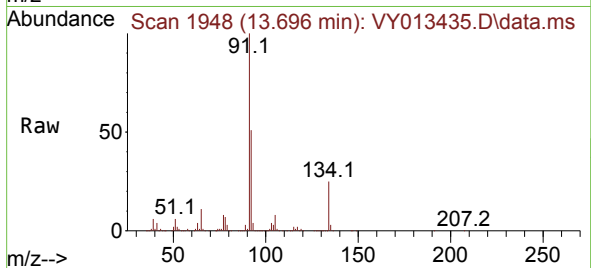
Tgt Ion: 91 Resp: 470289

Ion Ratio Lower Upper

91 100

92 51.1 25.8 77.3

134 25.2 13.5 40.4



#90

Hexachloroethane

Concen: 49.292 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013435.D

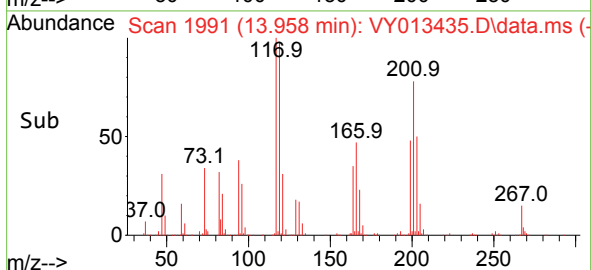
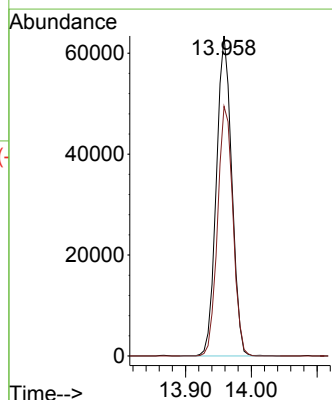
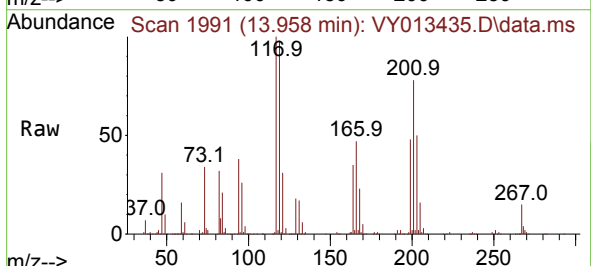
Acq: 25 Apr 2023 07:44

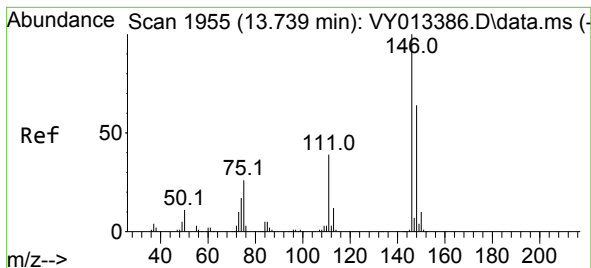
Tgt Ion: 117 Resp: 103535

Ion Ratio Lower Upper

117 100

201 77.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.889 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

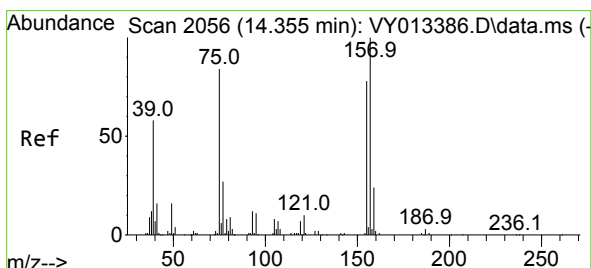
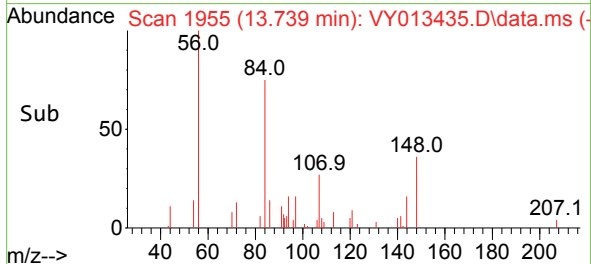
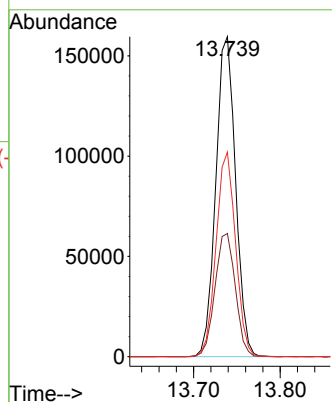
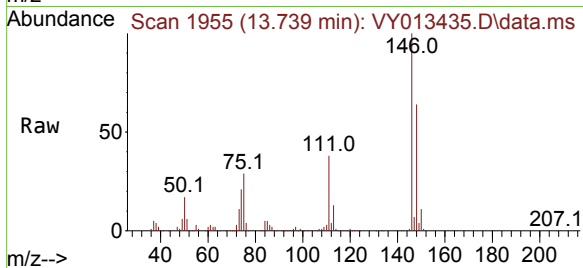
Tgt Ion:146 Resp: 252943

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.076 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

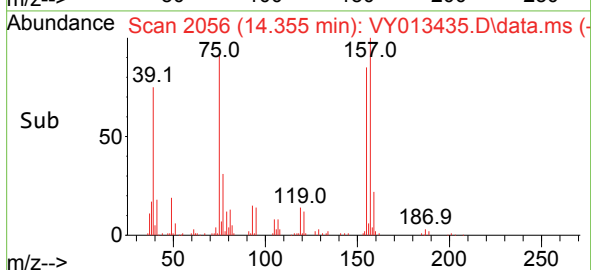
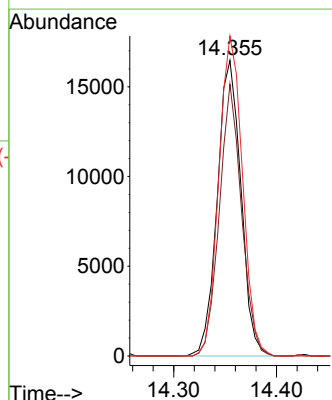
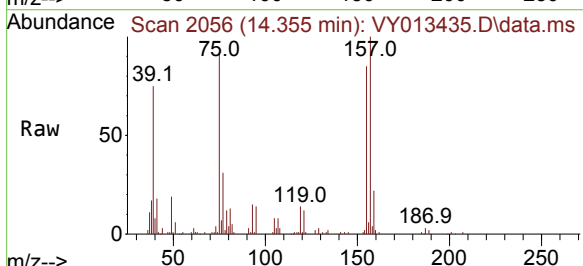
Tgt Ion: 75 Resp: 26288

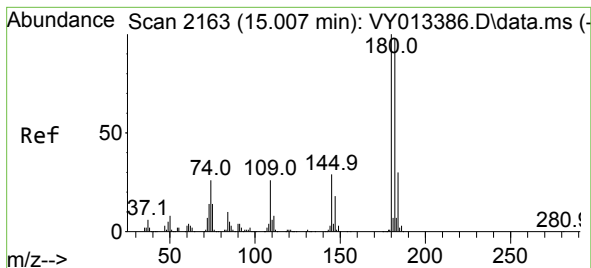
Ion Ratio Lower Upper

75 100

155 86.0 44.6 134.0

157 108.4 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 50.628 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

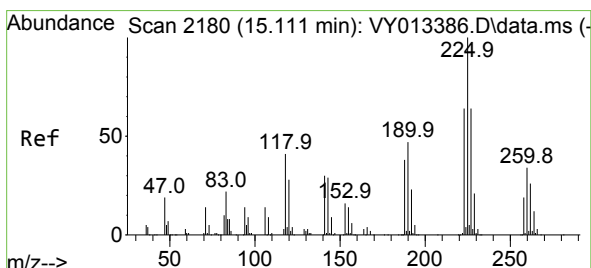
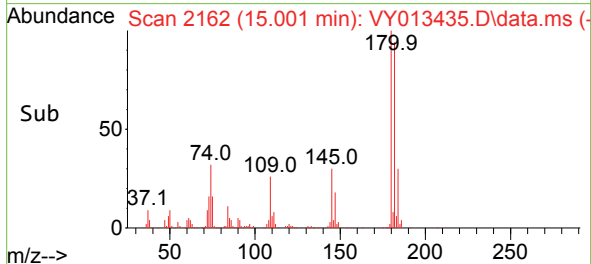
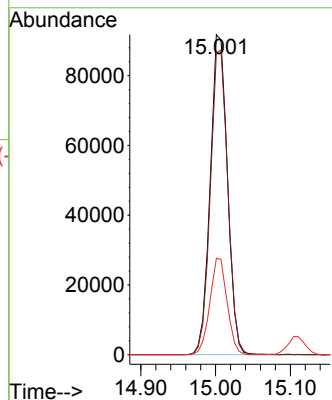
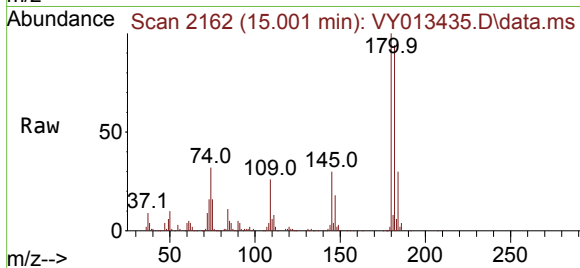
Tgt Ion:180 Resp: 147143

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.5

145 30.2 15.0 45.0



#94

Hexachlorobutadiene

Concen: 49.730 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

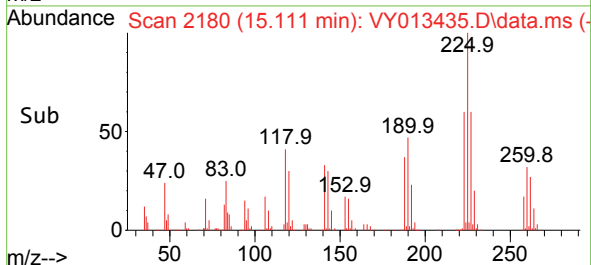
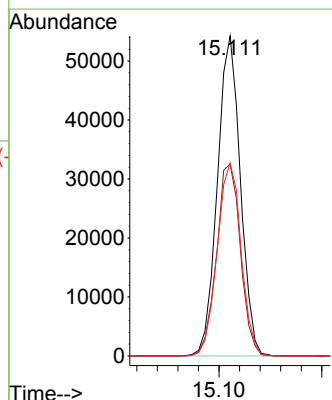
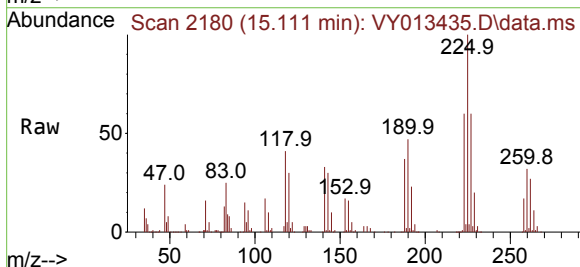
Tgt Ion:225 Resp: 84115

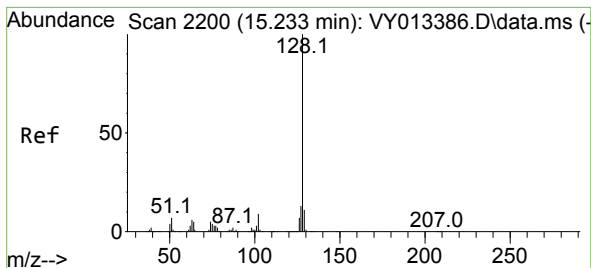
Ion Ratio Lower Upper

225 100

223 62.2 31.4 94.2

227 62.6 32.0 96.0





#95

Naphthalene

Concen: 57.366 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

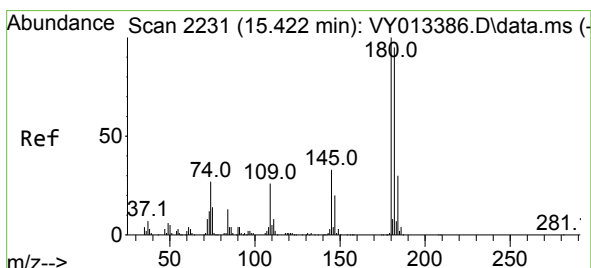
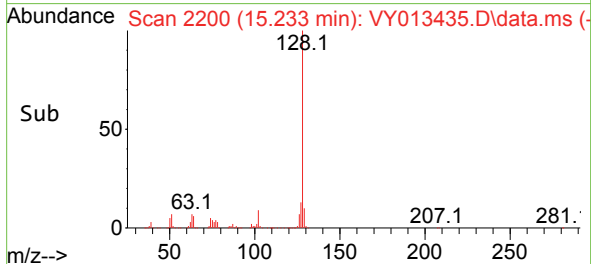
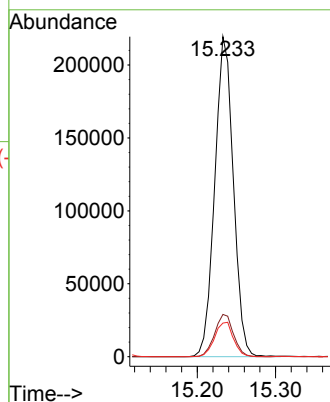
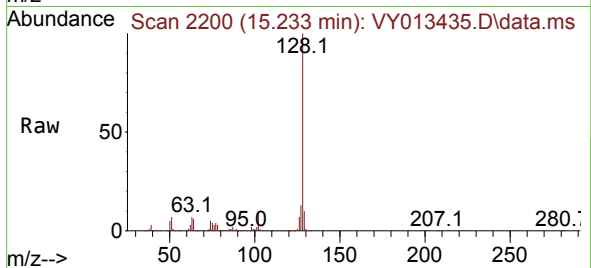
Tgt Ion:128 Resp: 361748

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.023 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013435.D

Acq: 25 Apr 2023 07:44

Tgt Ion:180 Resp: 137351

Ion Ratio Lower Upper

180 100

182 96.6 47.1 141.3

145 32.5 15.9 47.7

