

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012280.D
 Acq On : 20 Jan 2023 10:34
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 23 02:14:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	233023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	353084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88437	45.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.860%
35) Dibromofluoromethane	7.722	113	87384	46.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.480%
50) Toluene-d8	10.179	98	318015	49.008	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.483	95	118014	44.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	93471	45.900	ug/l	98
3) Chloromethane	2.113	50	89822	47.780	ug/l	99
4) Vinyl Chloride	2.253	62	108290	49.352	ug/l	98
5) Bromomethane	2.656	94	75228	44.344	ug/l	93
6) Chloroethane	2.796	64	69283	48.414	ug/l	99
7) Trichlorofluoromethane	3.131	101	206544	48.229	ug/l	97
8) Diethyl Ether	3.534	74	63958	50.189	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	110757	53.139	ug/l	95
10) Methyl Iodide	4.094	142	149395	47.165	ug/l	98
11) Tert butyl alcohol	4.991	59	44502	191.260	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	111174	51.946	ug/l	95
13) Acrolein	3.735	56	15937	176.277	ug/l	98
14) Allyl chloride	4.485	41	146083	55.204	ug/l	92
15) Acrylonitrile	5.167	53	138474	248.775	ug/l	100
16) Acetone	3.960	43	178186	274.612	ug/l	100
17) Carbon Disulfide	4.198	76	337001	50.908	ug/l	100
18) Methyl Acetate	4.485	43	72335	49.819	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	295083	49.461	ug/l	97
20) Methylene Chloride	4.716	84	125199	45.335	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	124950	52.319	ug/l	93
22) Diisopropyl ether	6.118	45	292850	55.510	ug/l #	93
23) Vinyl Acetate	6.058	43	877824	267.023	ug/l	94
24) 1,1-Dichloroethane	6.021	63	195590	53.450	ug/l	98
25) 2-Butanone	6.984	43	194842	271.997	ug/l	92
26) 2,2-Dichloropropane	6.984	77	198974	50.089	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	135771	51.755	ug/l	95
28) Bromochloromethane	7.338	49	39181	49.027	ug/l #	78
29) Tetrahydrofuran	7.350	42	100877	256.373	ug/l	89
30) Chloroform	7.508	83	218671	50.623	ug/l	100
31) Cyclohexane	7.789	56	177088	52.123	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	213530	49.932	ug/l	98
36) 1,1-Dichloropropene	7.923	75	164644	51.818	ug/l	98
37) Ethyl Acetate	7.076	43	70928	50.637	ug/l #	94
38) Carbon Tetrachloride	7.899	117	202275	49.292	ug/l	97
39) Methylcyclohexane	9.185	83	210339	54.170	ug/l	95
40) Benzene	8.161	78	477053	52.019	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	40986	49.780	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	140644	48.173	ug/l	99
43) Isopropyl Acetate	8.277	43	134483	51.605	ug/l #	94
44) Trichloroethene	8.941	130	144972	52.889	ug/l	99
45) 1,2-Dichloropropane	9.216	63	105198	54.974	ug/l	99
46) Dibromomethane	9.307	93	65137	50.846	ug/l	96
47) Bromodichloromethane	9.496	83	164107	50.890	ug/l	98
48) Methyl methacrylate	9.295	41	61696	51.381	ug/l	91
49) 1,4-Dioxane	9.313	88	16812	963.108	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	360254	259.249	ug/l	96
52) Toluene	10.246	92	314088	51.439	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	172966	51.279	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	187623	51.650	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	95037	52.215	ug/l	96
56) Ethyl methacrylate	10.508	69	125570	52.588	ug/l	94
57) 1,3-Dichloropropane	10.788	76	155722	52.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	191307	242.130	ug/l	92
59) 2-Hexanone	10.831	43	289437	273.576	ug/l	94
60) Dibromochloromethane	10.983	129	122444	50.722	ug/l	99
61) 1,2-Dibromoethane	11.087	107	88427	50.349	ug/l	99
64) Tetrachloroethene	10.721	164	160936	55.877	ug/l	97
65) Chlorobenzene	11.520	112	334346	51.771	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	126255	51.794	ug/l	99
67) Ethyl Benzene	11.593	91	602832	52.230	ug/l	99
68) m/p-Xylenes	11.703	106	477323	104.595	ug/l	98
69) o-Xylene	12.032	106	228168	52.346	ug/l	97
70) Styrene	12.044	104	381745	52.416	ug/l	99
71) Bromoform	12.209	173	79993	51.363	ug/l #	98
73) Isopropylbenzene	12.331	105	609939	53.938	ug/l	99
74) N-amyl acetate	12.142	43	120046	54.155	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	94410	53.005	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	139296	96.598	ug/l #	100
77) Bromobenzene	12.611	156	141384	51.959	ug/l	93
78) n-propylbenzene	12.672	91	708449	53.538	ug/l	99
79) 2-Chlorotoluene	12.758	91	396616	53.011	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	519812	52.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	37535	53.632	ug/l	98
82) 4-Chlorotoluene	12.855	91	410535	52.238	ug/l	98
83) tert-Butylbenzene	13.075	119	456679	53.302	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	509270	52.532	ug/l	98
85) sec-Butylbenzene	13.257	105	651013	53.368	ug/l	98
86) p-Isopropyltoluene	13.373	119	563725	52.893	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	277665	51.307	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	274380	50.838	ug/l	99
89) n-Butylbenzene	13.696	91	493877	53.472	ug/l	99
90) Hexachloroethane	13.965	117	102918	53.491	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	245431	50.825	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18706	50.818	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	159284	51.480	ug/l	99
94) Hexachlorobutadiene	15.117	225	97935	52.571	ug/l	99
95) Naphthalene	15.239	128	317566	51.999	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	137823	51.763	ug/l	100

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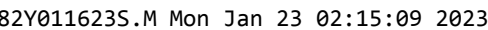
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

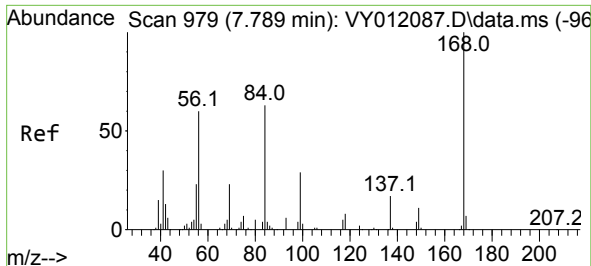
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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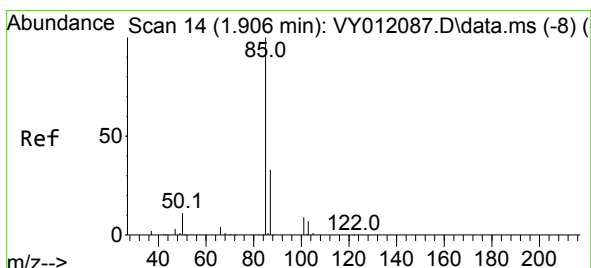
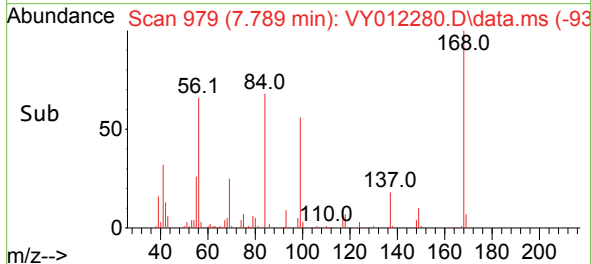
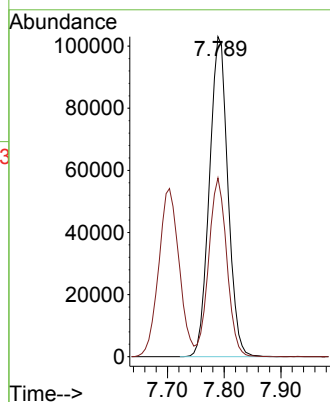
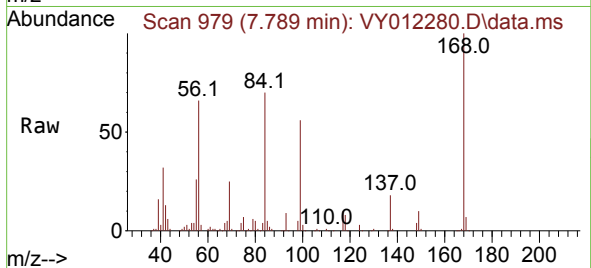




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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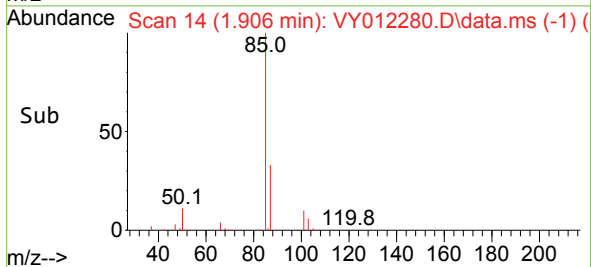
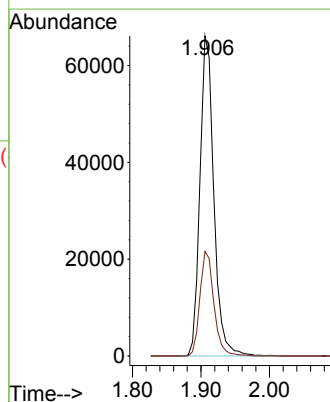
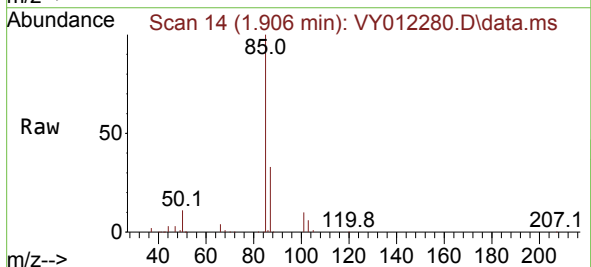
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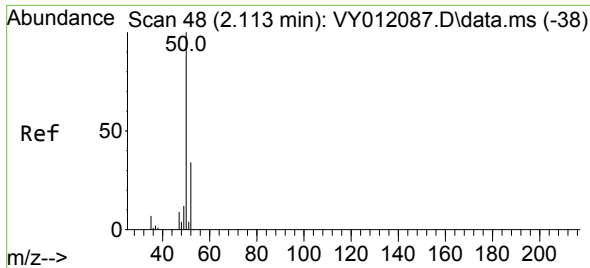
Tgt Ion:168 Resp: 233023
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 45.900 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 85 Resp: 93471
Ion Ratio Lower Upper
85 100
87 32.7 16.8 50.4

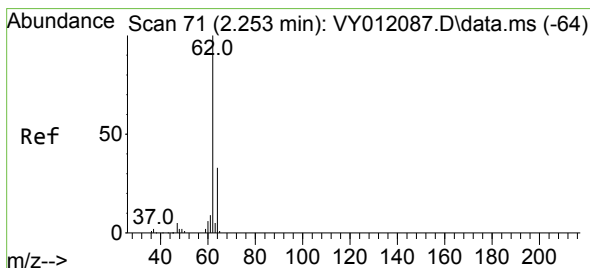
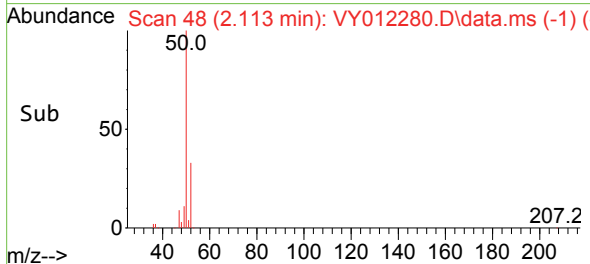
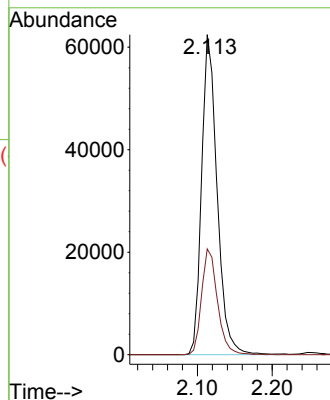
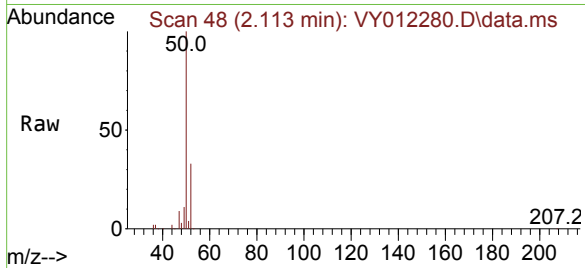




#3
Chloromethane
Concen: 47.780 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

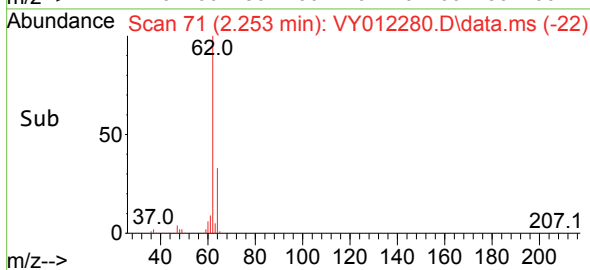
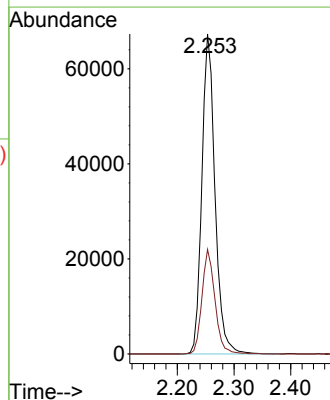
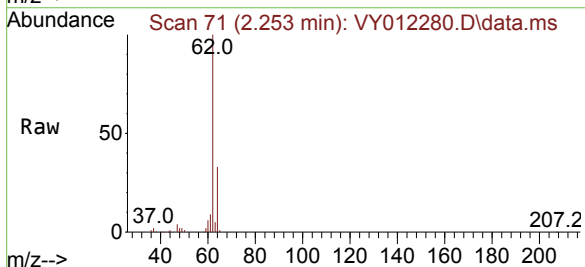
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ClientSampleId :
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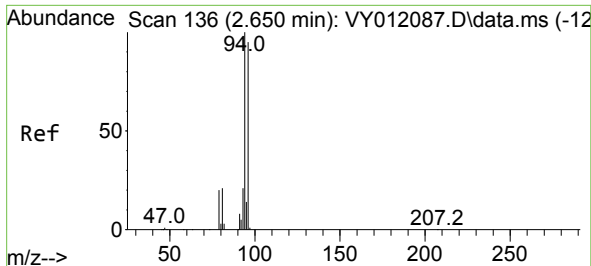
Tgt Ion: 50 Resp: 89822
Ion Ratio Lower Upper
50 100
52 33.1 26.8 40.2



#4
Vinyl Chloride
Concen: 49.352 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 62 Resp: 108290
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

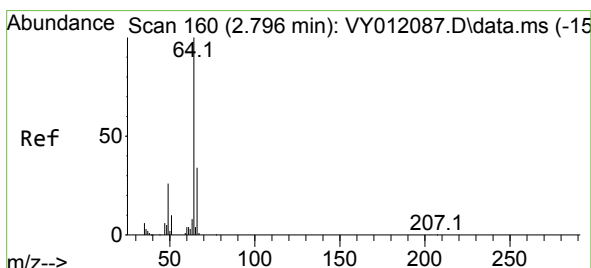
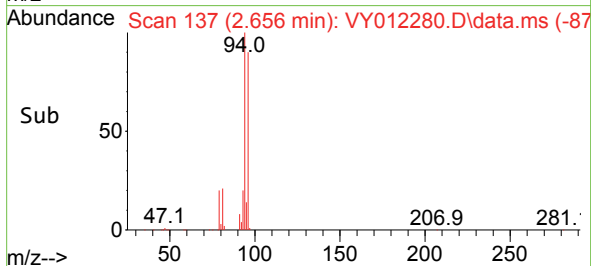
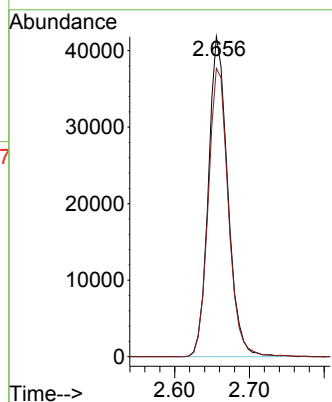
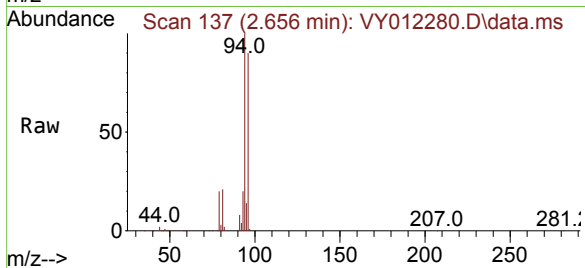




#5
Bromomethane
Concen: 44.344 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

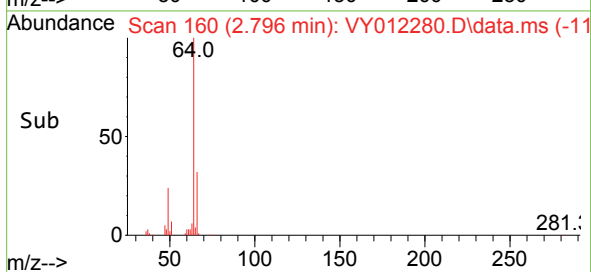
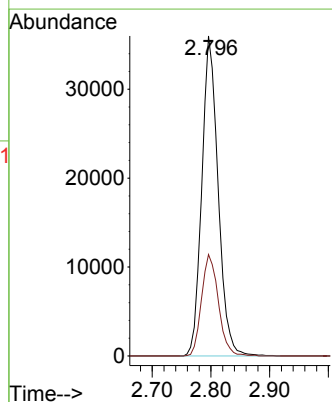
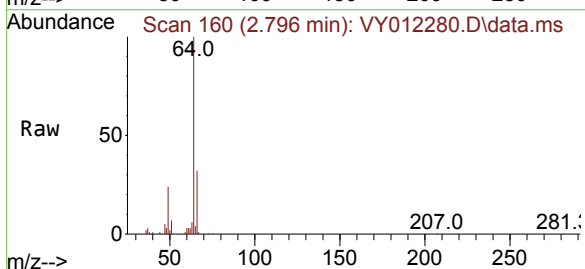
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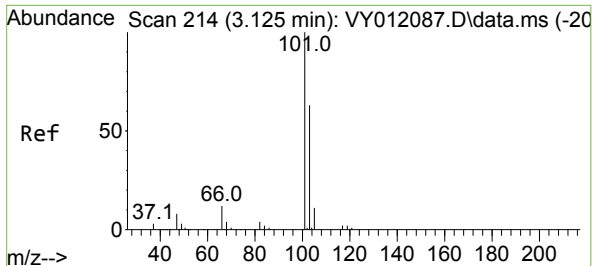
Tgt Ion: 94 Resp: 75228
Ion Ratio Lower Upper
94 100
96 90.1 77.4 116.2



#6
Chloroethane
Concen: 48.414 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 64 Resp: 69283
Ion Ratio Lower Upper
64 100
66 31.7 25.0 37.4

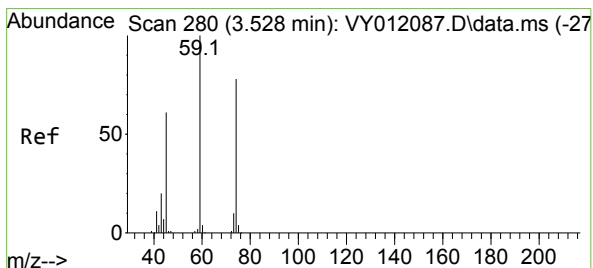
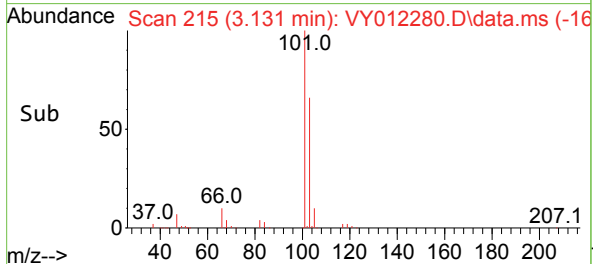
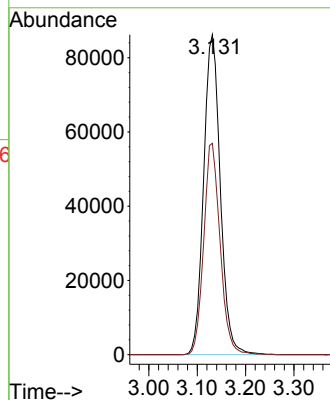
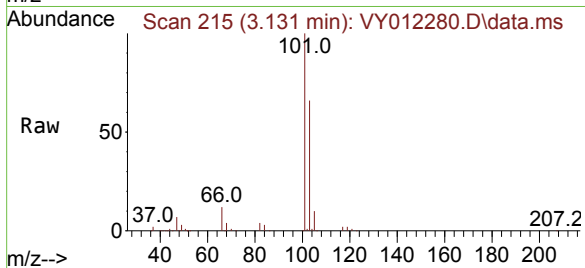




#7
 Trichlorofluoromethane
 Concen: 48.229 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY012280.D
 Acq: 20 Jan 2023 10:34

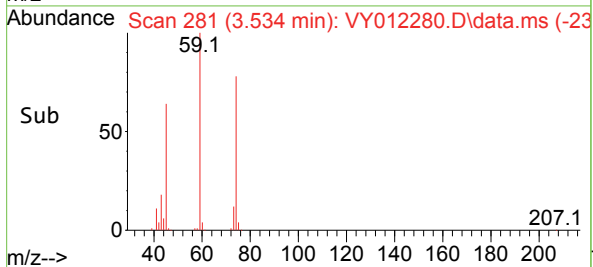
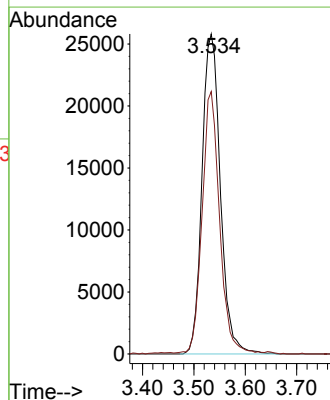
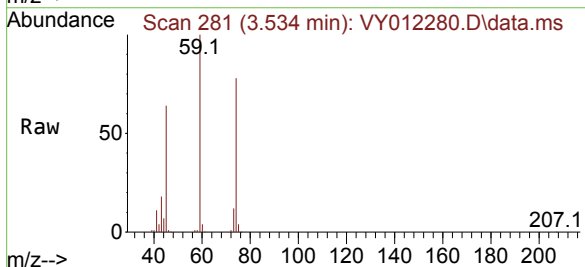
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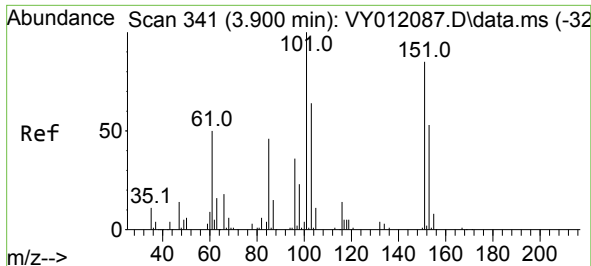
Tgt Ion:101 Resp: 206544
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.0 76.6



#8
 Diethyl Ether
 Concen: 50.189 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012280.D
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Tgt Ion: 74 Resp: 63958
 Ion Ratio Lower Upper
 74 100
 45 77.2 46.8 140.3

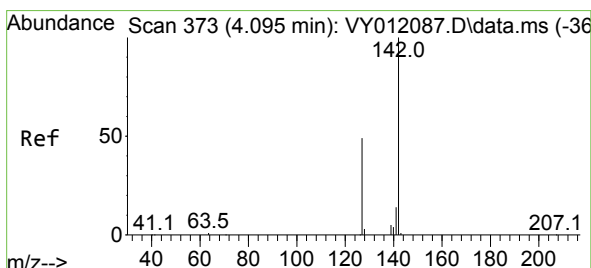
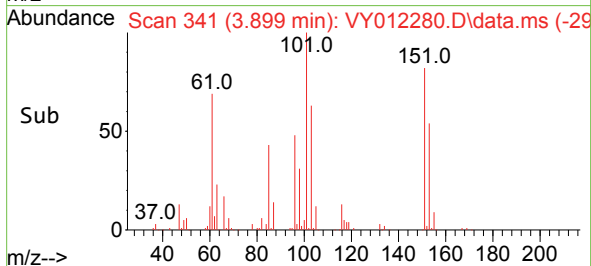
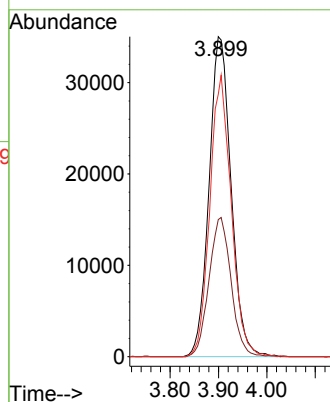
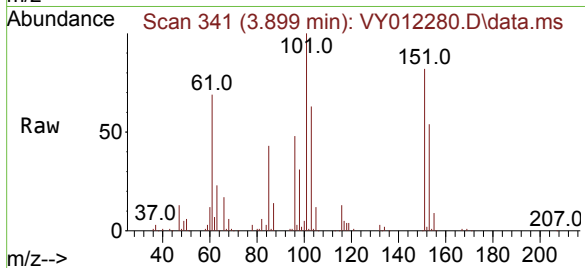




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.139 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

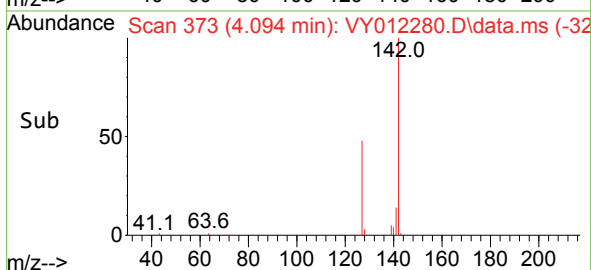
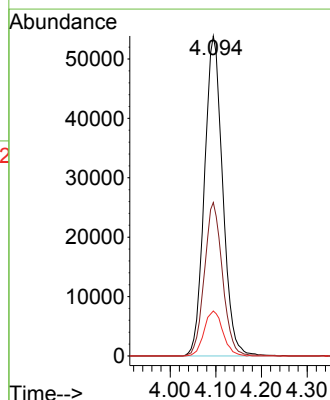
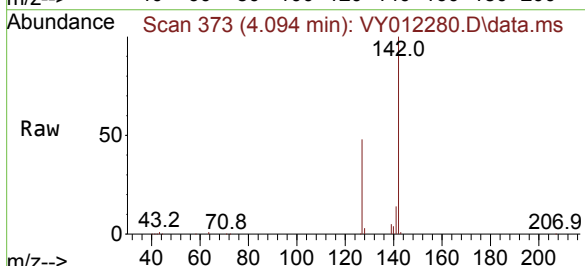
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

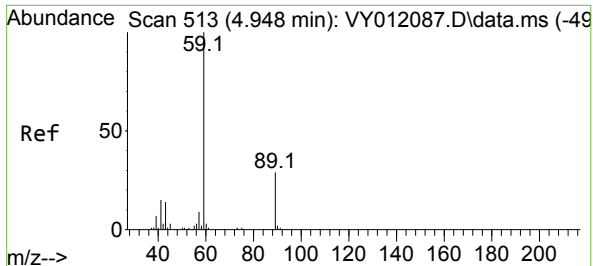
Tgt Ion:101 Resp: 110757
Ion Ratio Lower Upper
101 100
85 43.7 36.2 54.2
151 85.4 64.2 96.2



#10
Methyl Iodide
Concen: 47.165 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion:142 Resp: 149395
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 14.5 11.4 17.0

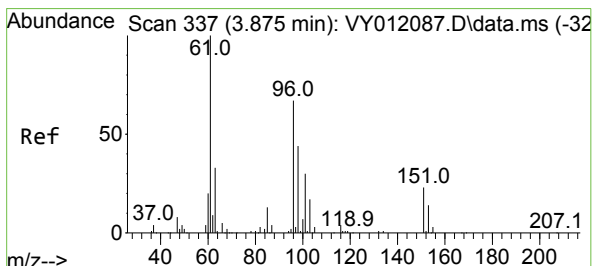
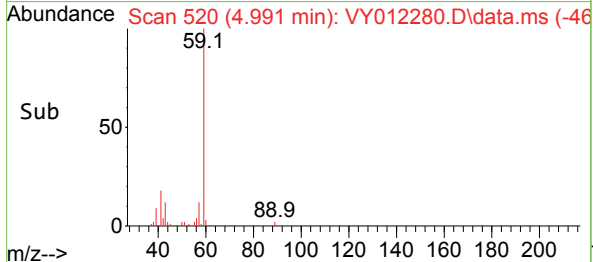
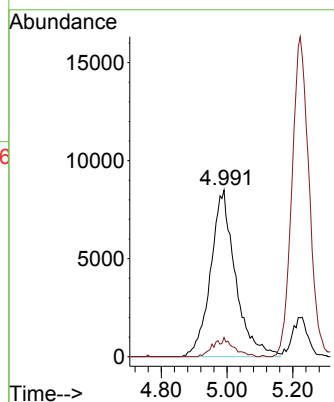
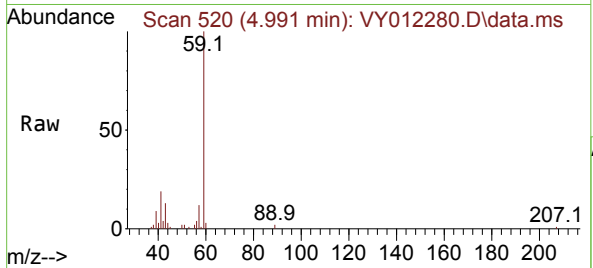




#11
Tert butyl alcohol
Concen: 191.260 ug/l
RT: 4.991 min Scan# 513
Delta R.T. 0.043 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

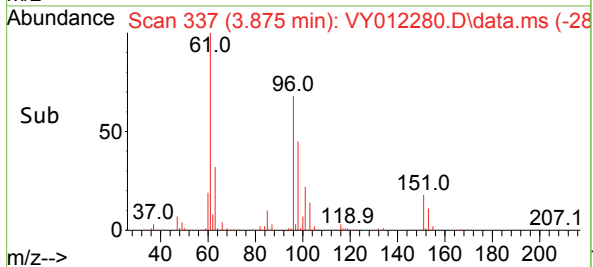
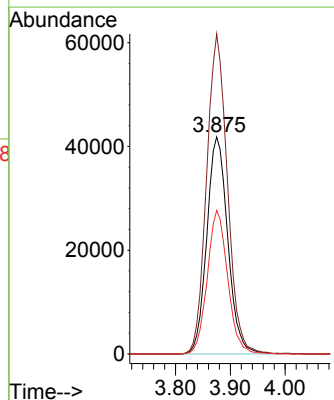
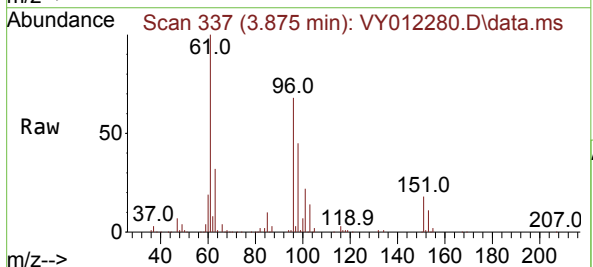
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

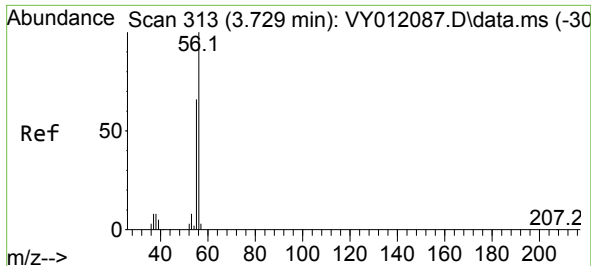
Tgt Ion: 59 Resp: 44502
Ion Ratio Lower Upper
59 100
57 5.0 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 51.946 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 96 Resp: 111174
Ion Ratio Lower Upper
96 100
61 147.3 122.0 183.0
98 66.1 48.6 73.0

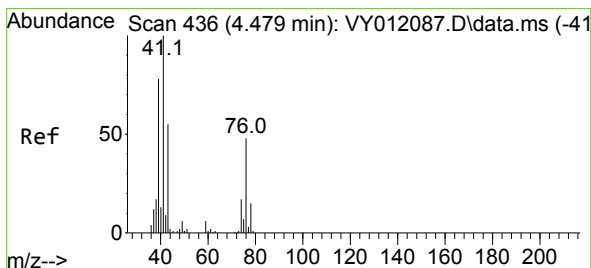
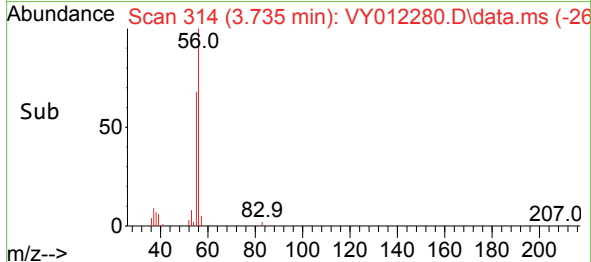
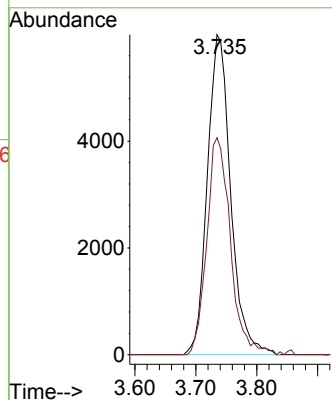
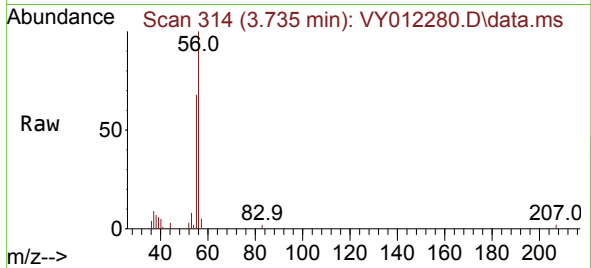




#13
Acrolein
Concen: 176.277 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

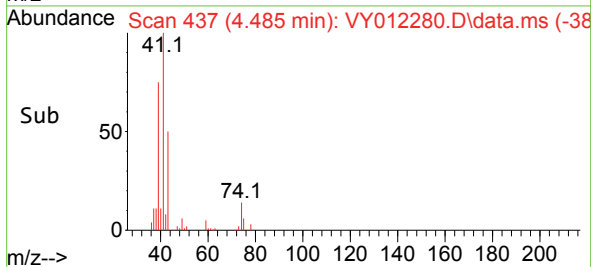
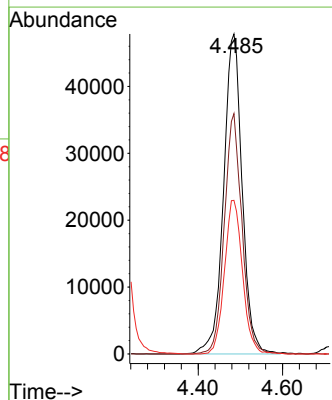
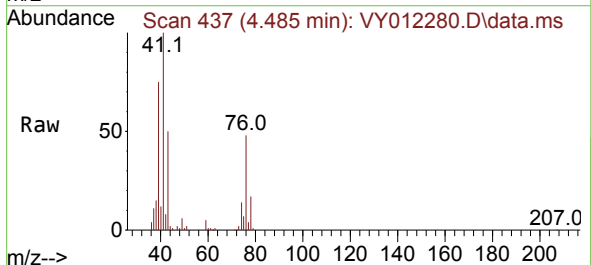
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

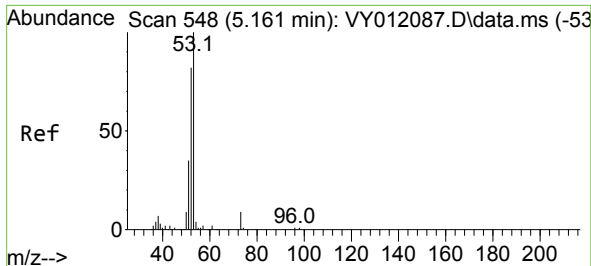
Tgt Ion: 56 Resp: 15937
Ion Ratio Lower Upper
56 100
55 68.8 56.6 85.0



#14
Allyl chloride
Concen: 55.204 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 41 Resp: 146083
Ion Ratio Lower Upper
41 100
39 71.4 53.5 80.3
76 46.7 31.1 46.7





#15

Acrylonitrile

Concen: 248.775 ug/l

RT: 5.167 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

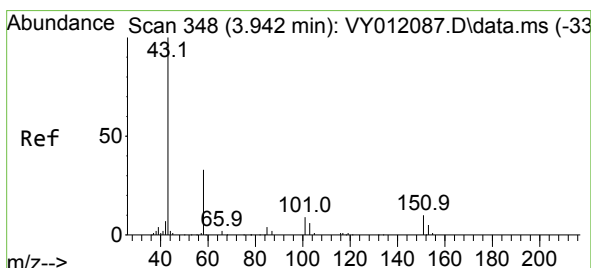
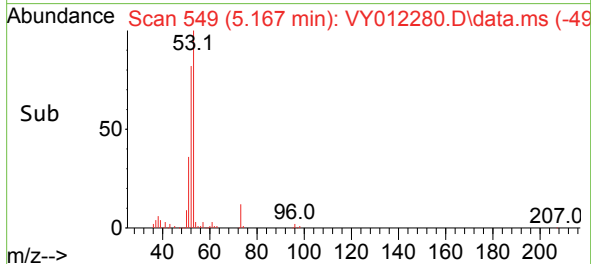
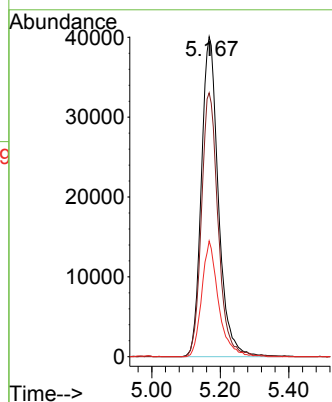
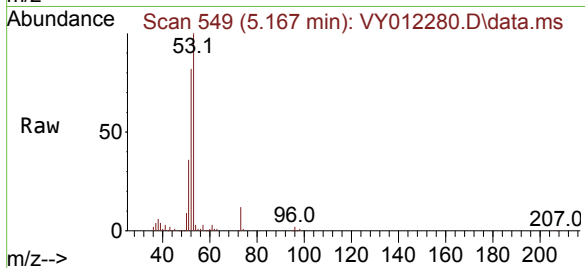
Tgt Ion: 53 Resp: 138474

Ion Ratio Lower Upper

53 100

52 80.9 65.1 97.7

51 35.7 28.7 43.1



#16

Acetone

Concen: 274.612 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.018 min

Lab File: VY012280.D

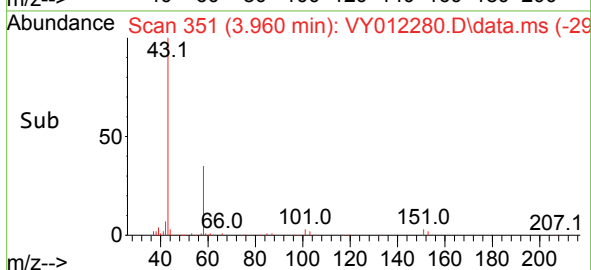
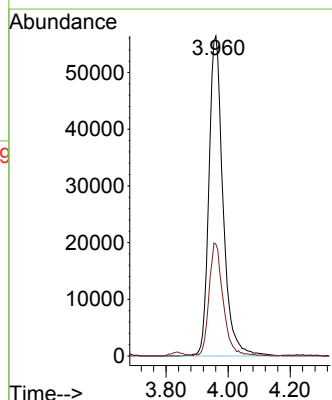
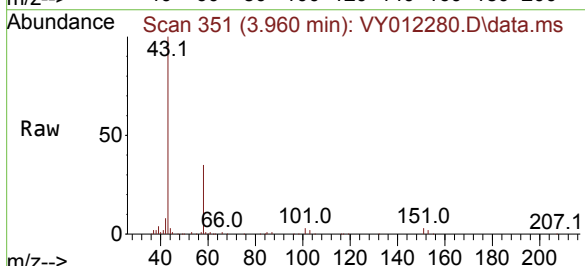
Acq: 20 Jan 2023 10:34

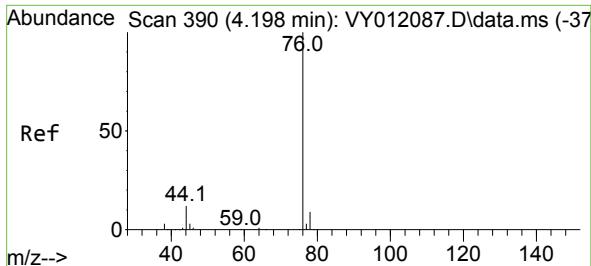
Tgt Ion: 43 Resp: 178186

Ion Ratio Lower Upper

43 100

58 34.8 27.9 41.9

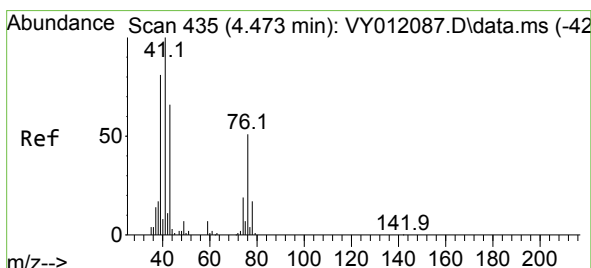
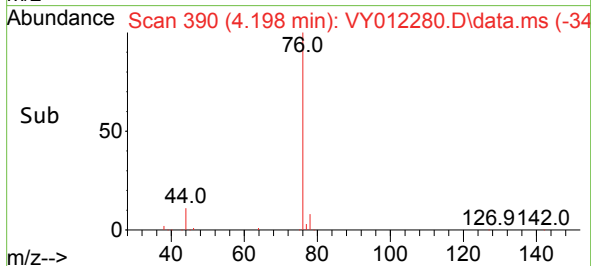
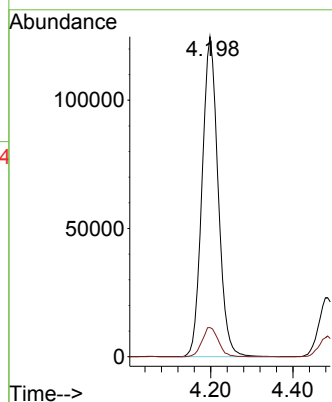
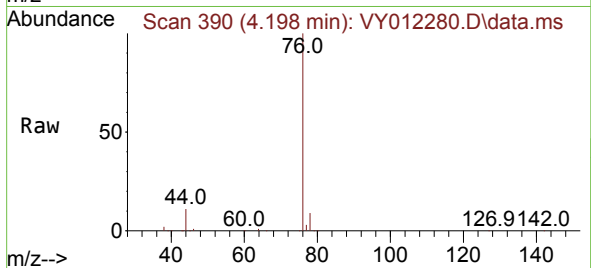




#17
Carbon Disulfide
Concen: 50.908 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

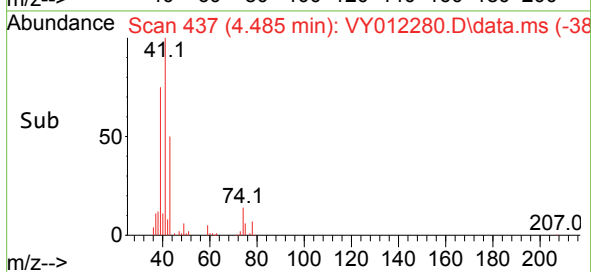
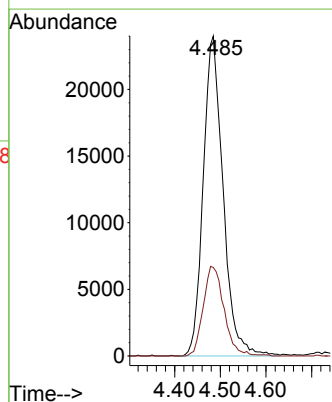
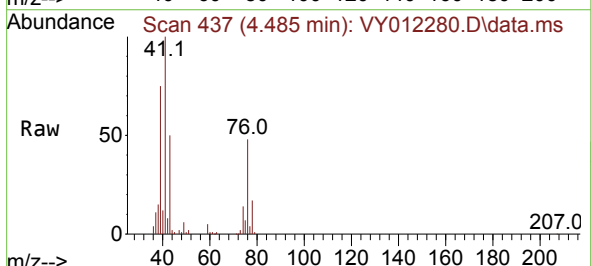
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

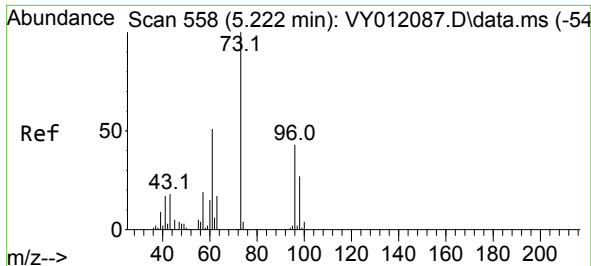
Tgt Ion: 76 Resp: 337001
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 49.819 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 43 Resp: 72335
Ion Ratio Lower Upper
43 100
74 29.2 20.1 30.1

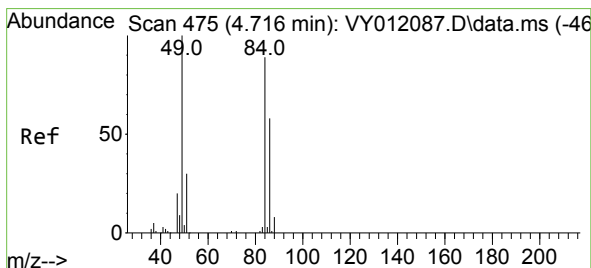
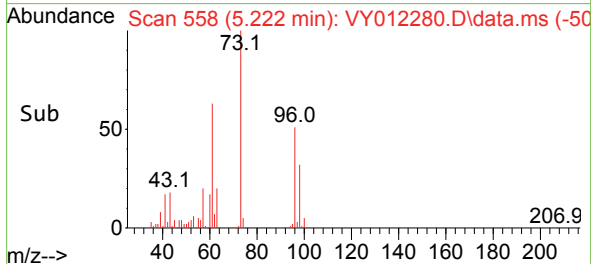
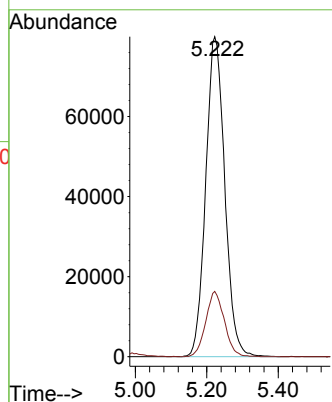
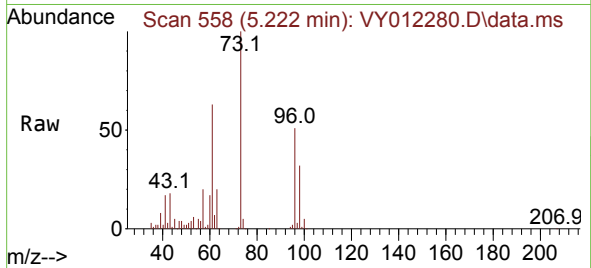




#19
Methyl tert-butyl Ether
Concen: 49.461 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

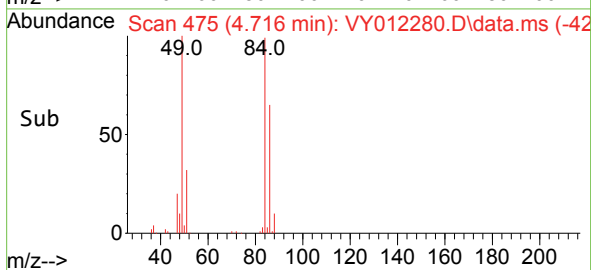
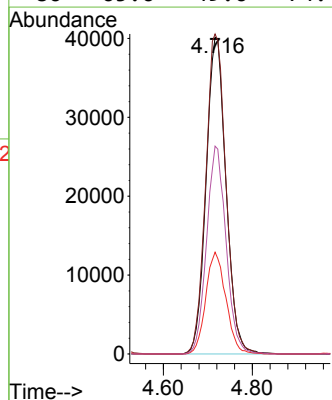
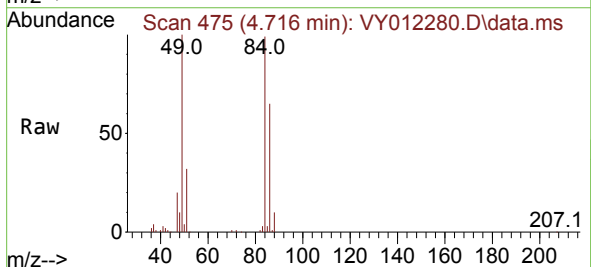
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

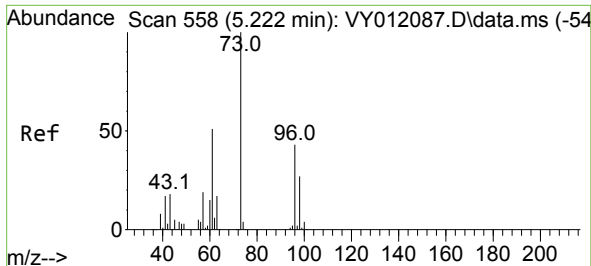
Tgt Ion: 73 Resp: 295083
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.0



#20
Methylene Chloride
Concen: 45.335 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 84 Resp: 125199
Ion Ratio Lower Upper
84 100
49 101.0 95.4 143.2
51 32.1 29.9 44.9
86 65.6 49.6 74.4

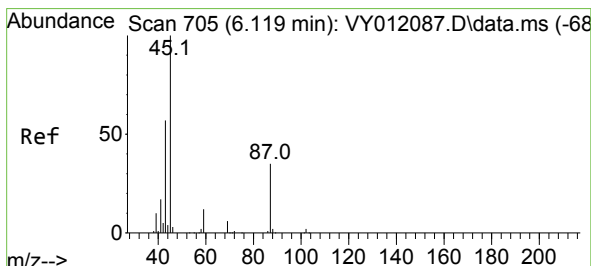
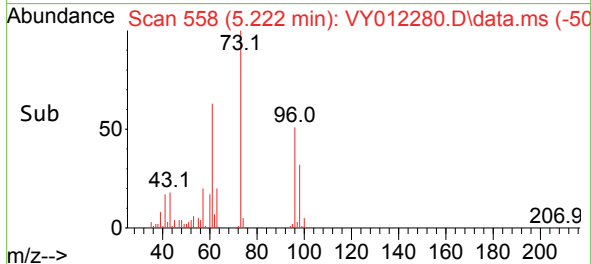
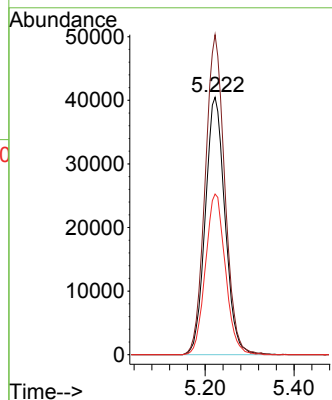
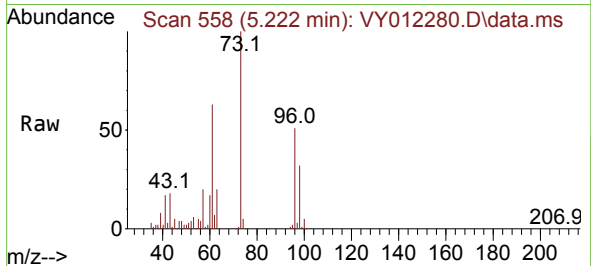




#21
trans-1,2-Dichloroethene
Concen: 52.319 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

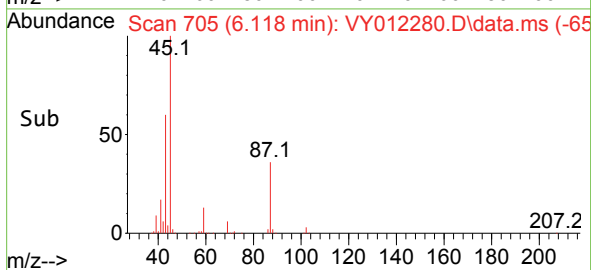
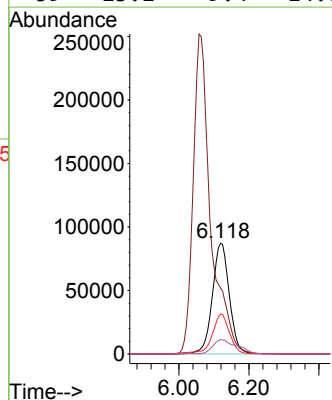
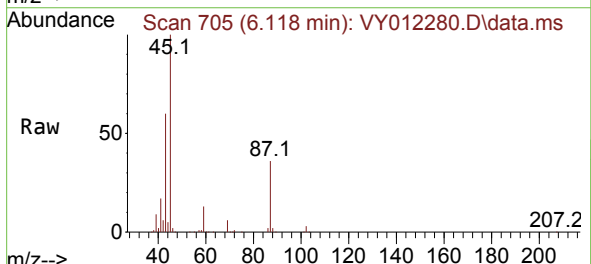
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

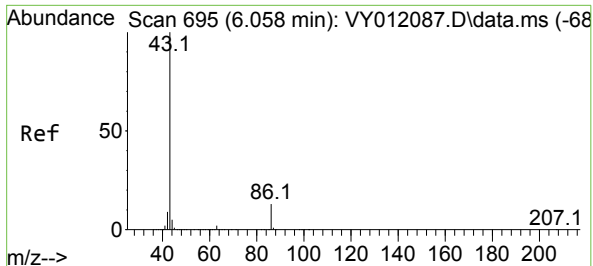
Tgt Ion: 96 Resp: 124950
Ion Ratio Lower Upper
96 100
61 124.3 108.0 162.0
98 62.4 51.6 77.4



#22
Diisopropyl ether
Concen: 55.510 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 45 Resp: 292850
Ion Ratio Lower Upper
45 100
43 59.3 45.0 67.4
87 36.0 22.6 33.8#
59 13.1 9.4 14.0





#23

Vinyl Acetate

Concen: 267.023 ug/l

RT: 6.058 min Scan# 61

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

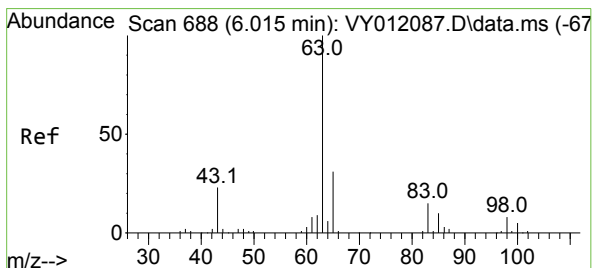
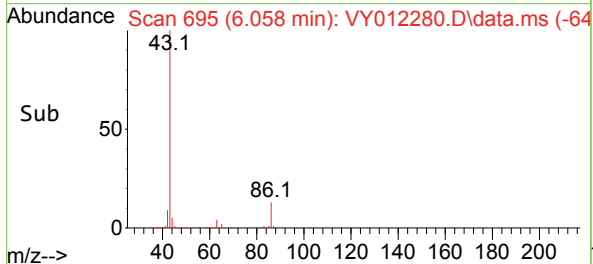
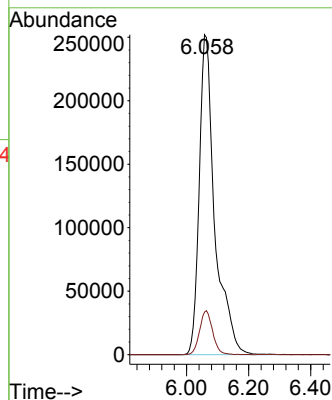
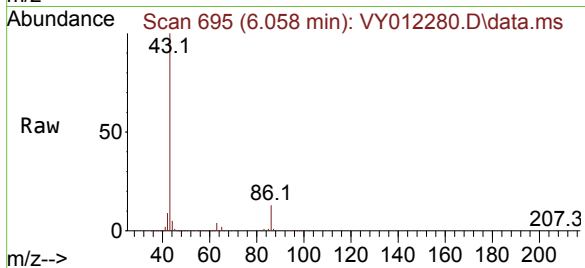
VSTDCCC050

Tgt Ion: 43 Resp: 877824

Ion Ratio Lower Upper

43 100

86 13.3 9.0 13.4



#24

1,1-Dichloroethane

Concen: 53.450 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

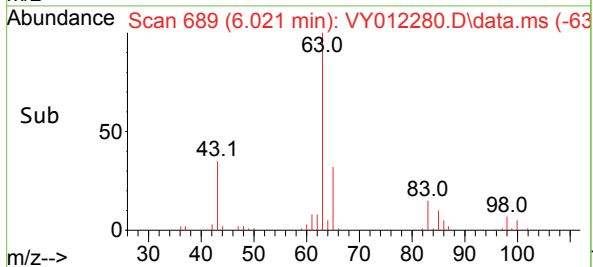
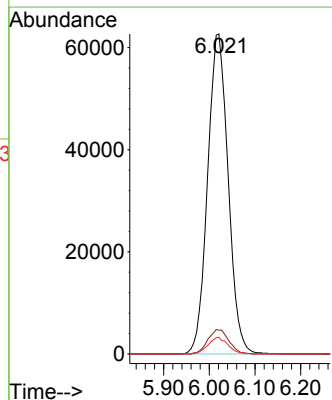
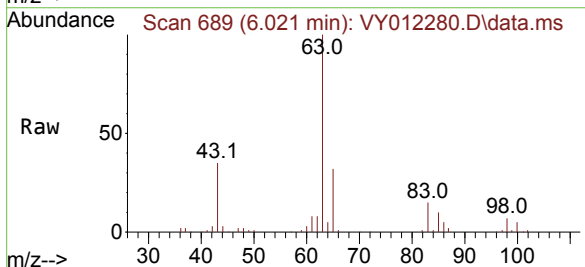
Tgt Ion: 63 Resp: 195590

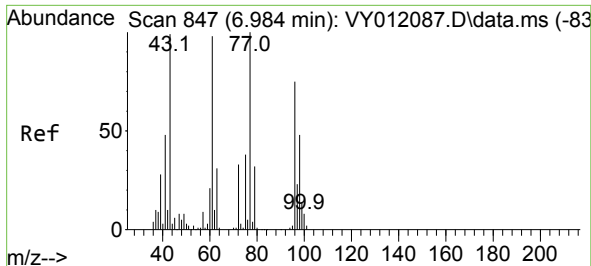
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 5.2 2.2 6.6

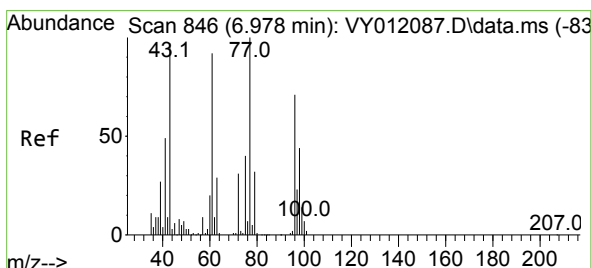
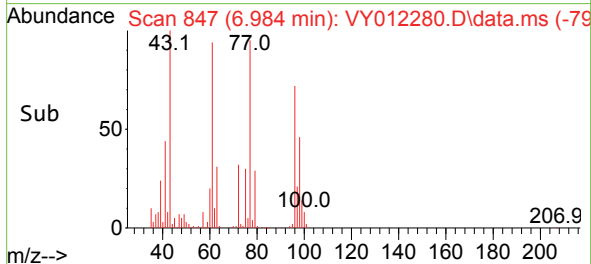
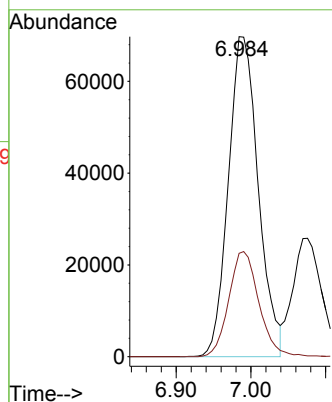
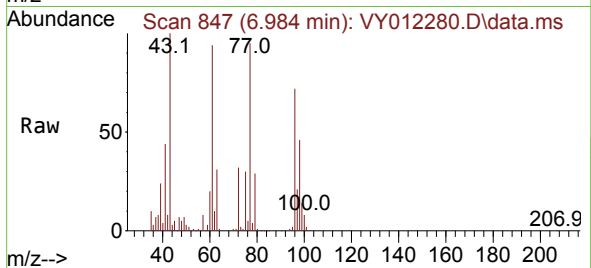




#25
2-Butanone
Concen: 271.997 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

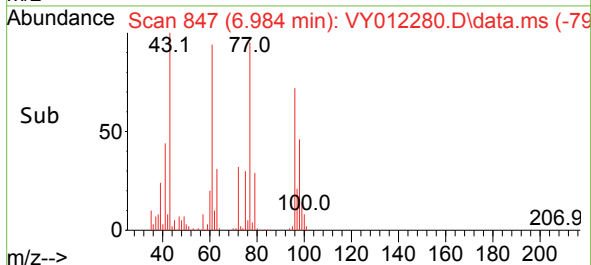
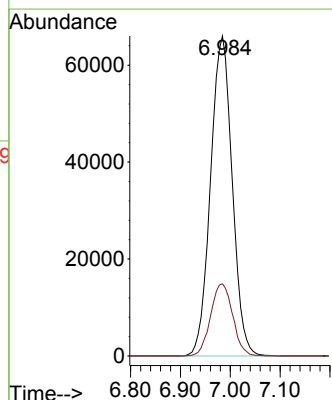
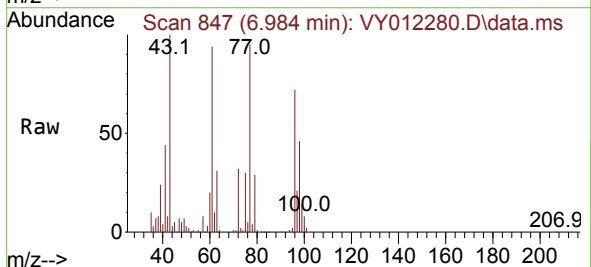
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

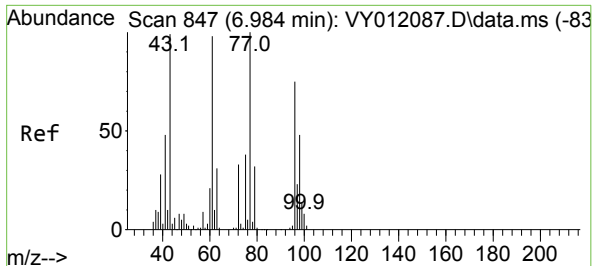
Tgt Ion: 43 Resp: 194842
Ion Ratio Lower Upper
43 100
72 32.3 22.6 34.0



#26
2,2-Dichloropropane
Concen: 50.089 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 77 Resp: 198974
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.755 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

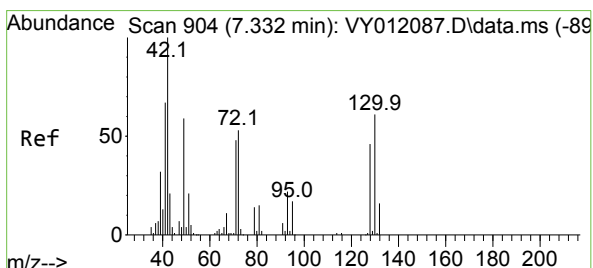
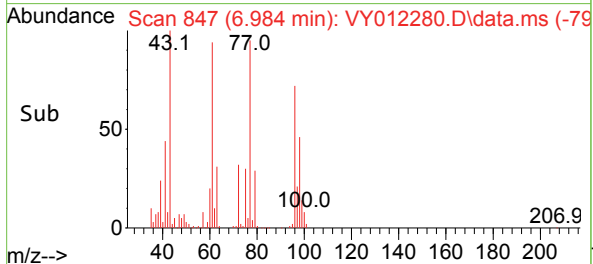
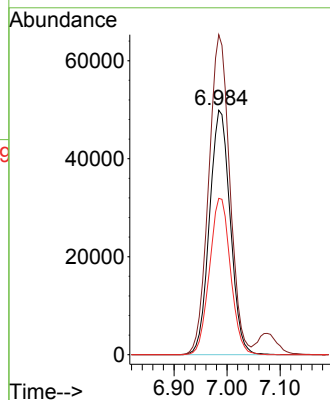
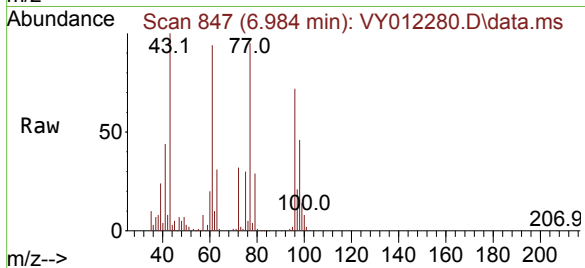
Tgt Ion: 96 Resp: 135771

Ion Ratio Lower Upper

96 100

61 133.1 0.0 283.4

98 64.6 0.0 127.6



#28

Bromochloromethane

Concen: 49.027 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

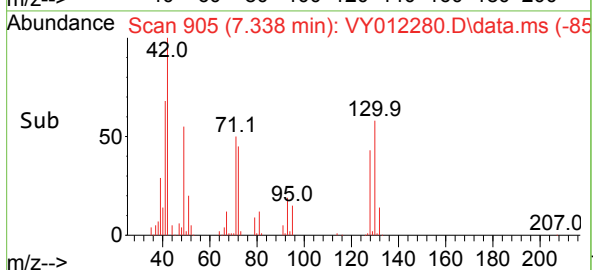
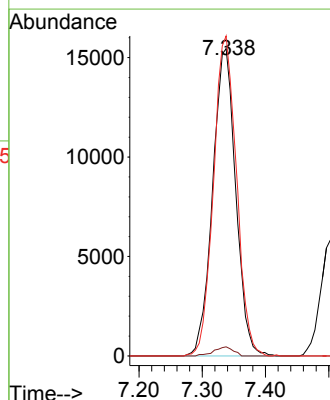
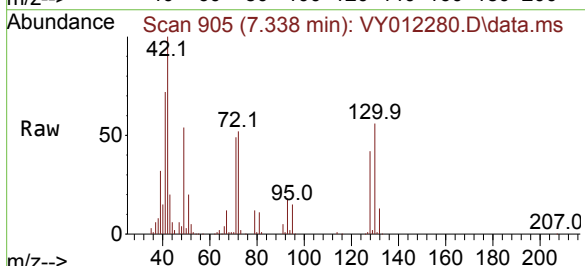
Tgt Ion: 49 Resp: 39181

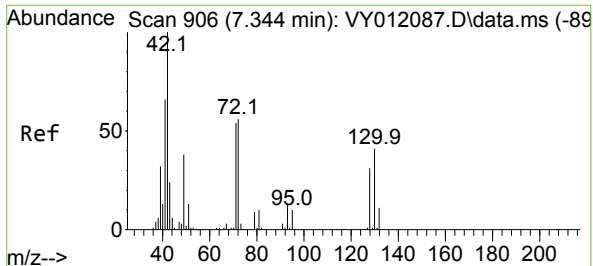
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 103.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 256.373 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

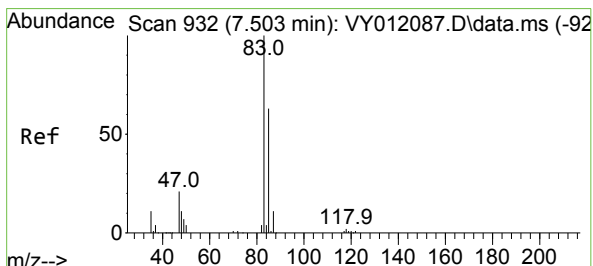
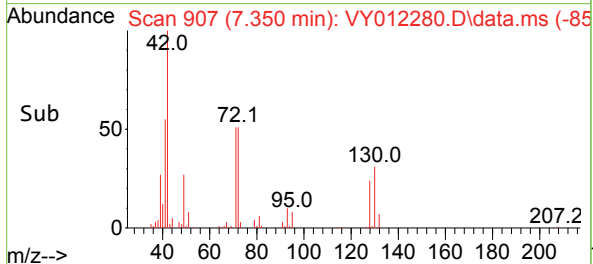
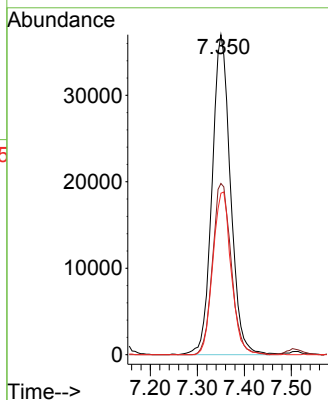
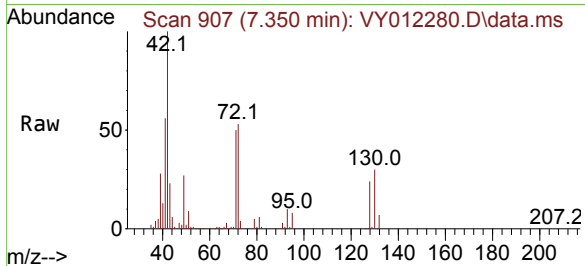
Tgt Ion: 42 Resp: 100877

Ion Ratio Lower Upper

42 100

72 54.2 37.0 55.6

71 50.7 34.9 52.3



#30

Chloroform

Concen: 50.623 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012280.D

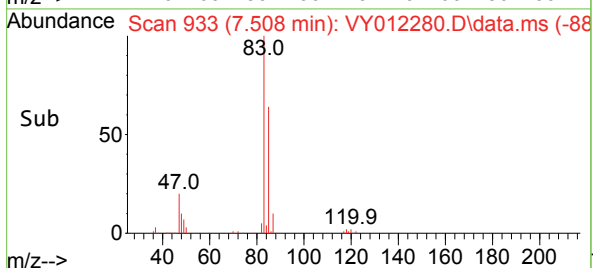
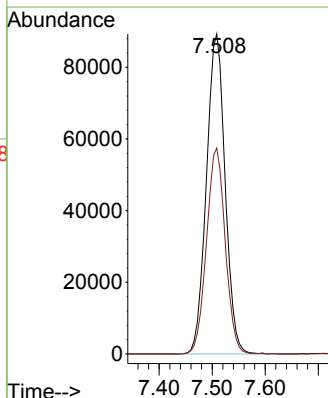
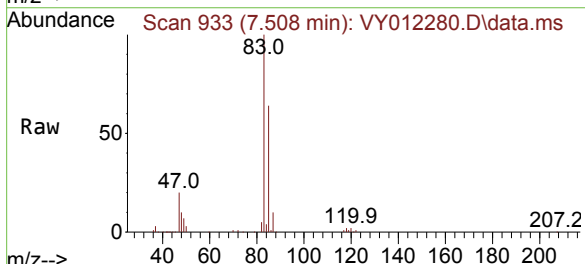
Acq: 20 Jan 2023 10:34

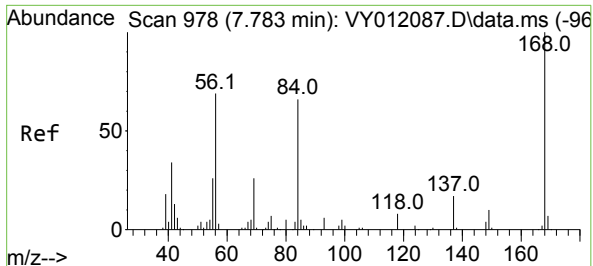
Tgt Ion: 83 Resp: 218671

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

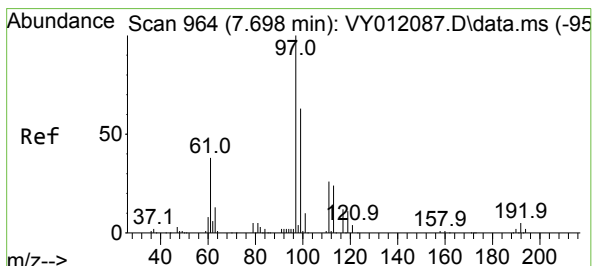
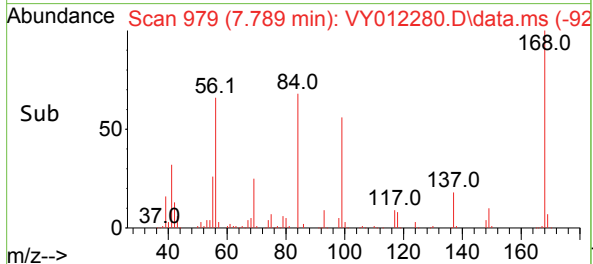
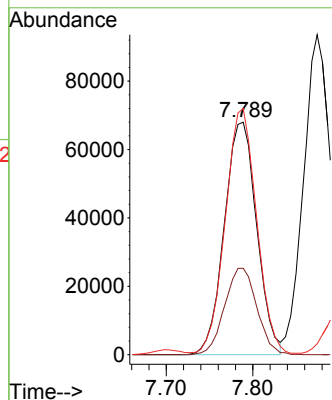
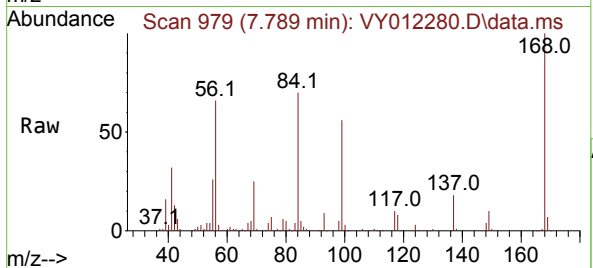




#31
Cyclohexane
Concen: 52.123 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

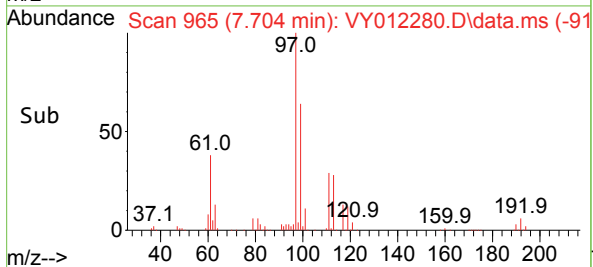
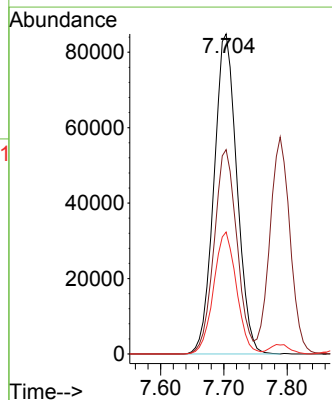
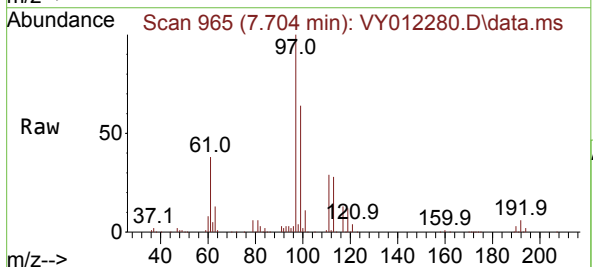
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

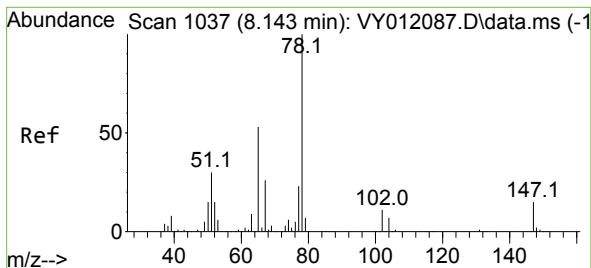
Tgt Ion: 56 Resp: 177088
Ion Ratio Lower Upper
56 100
69 37.1 29.2 43.8
84 104.4 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 49.932 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 97 Resp: 213530
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 38.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 45.427 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

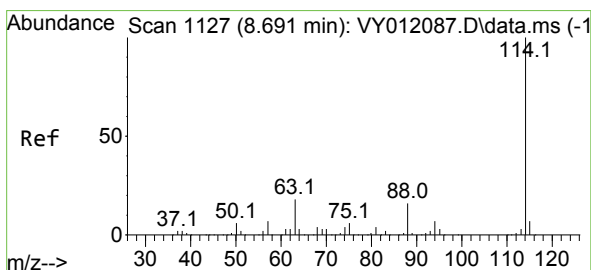
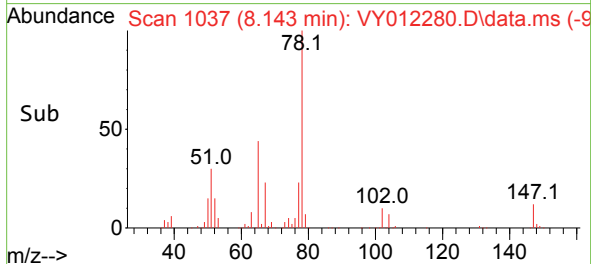
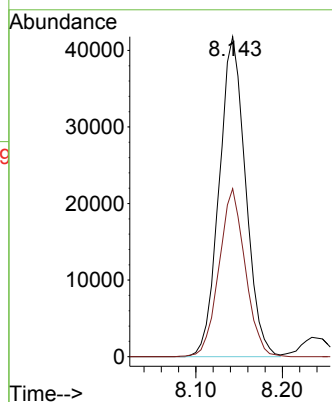
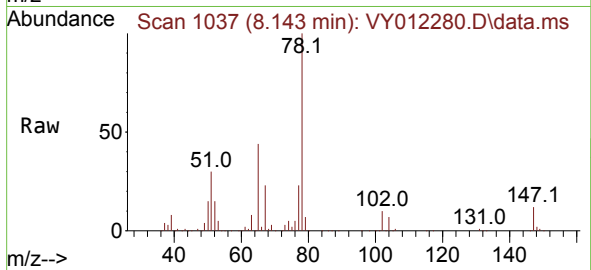
VSTDCCC050

Tgt Ion: 65 Resp: 88437

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

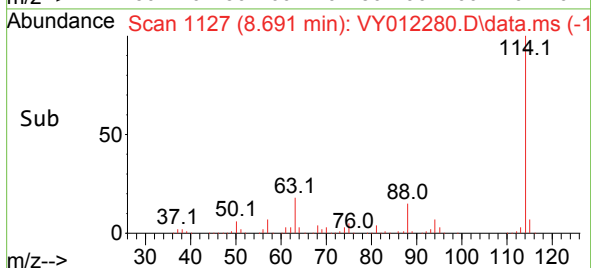
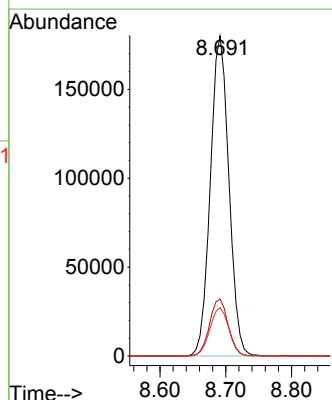
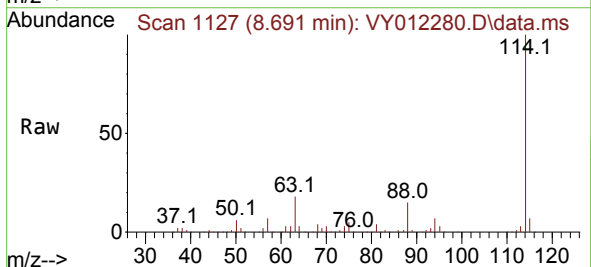
Tgt Ion: 114 Resp: 353084

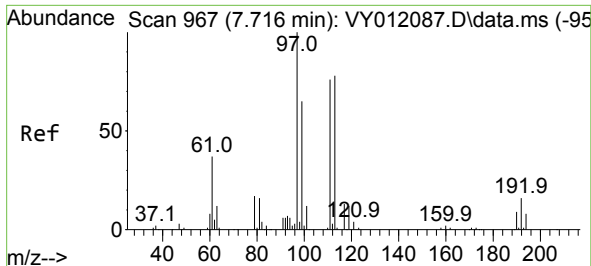
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.1 0.0 32.2

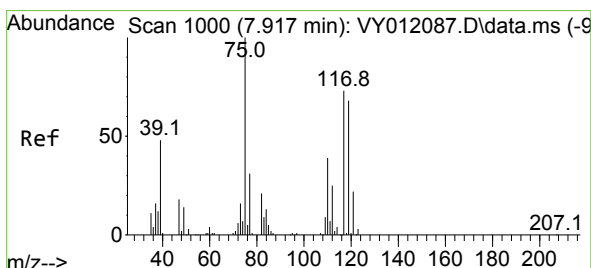
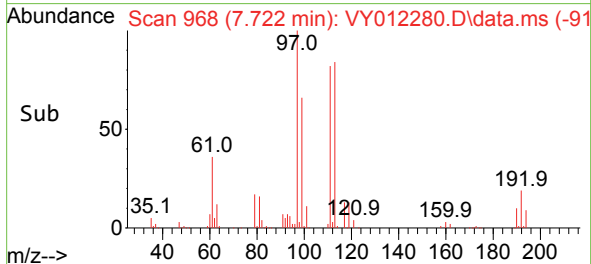
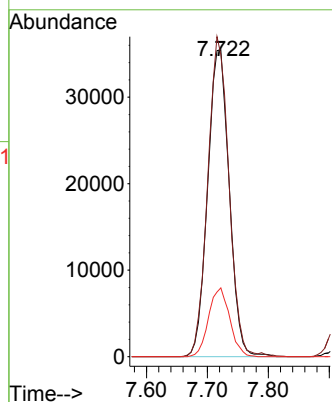
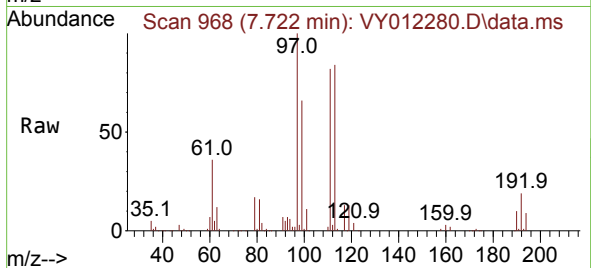




#35
Dibromofluoromethane
Concen: 46.740 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

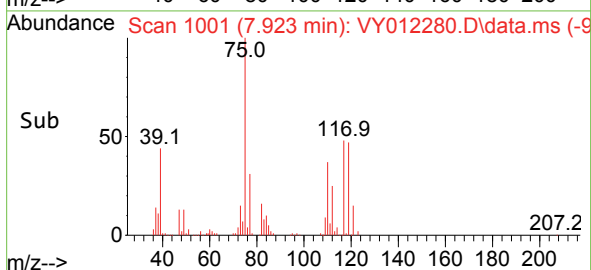
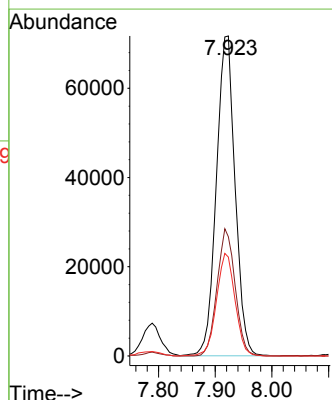
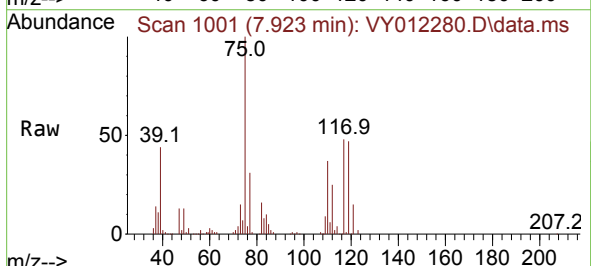
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

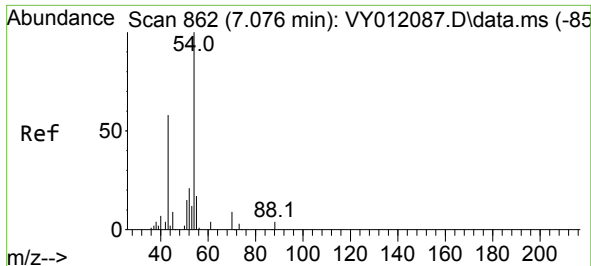
Tgt Ion:113 Resp: 87384
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 21.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 51.818 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 75 Resp: 164644
Ion Ratio Lower Upper
75 100
110 38.4 18.1 54.1
77 31.9 25.1 37.7





#37

Ethyl Acetate

Concen: 50.637 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

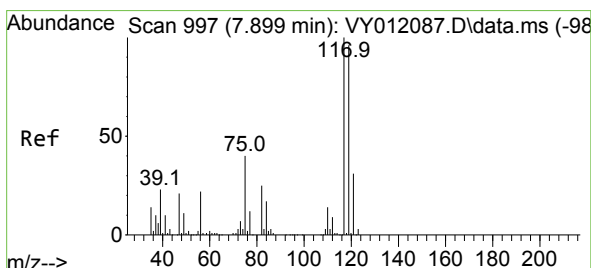
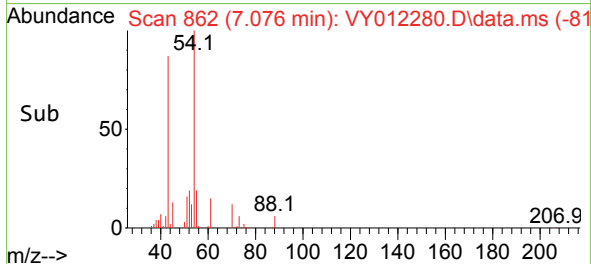
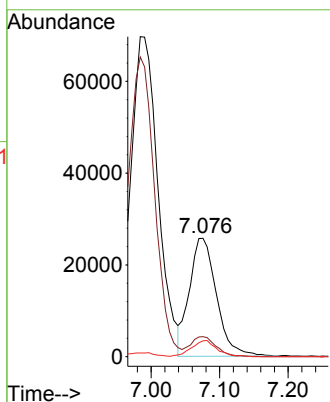
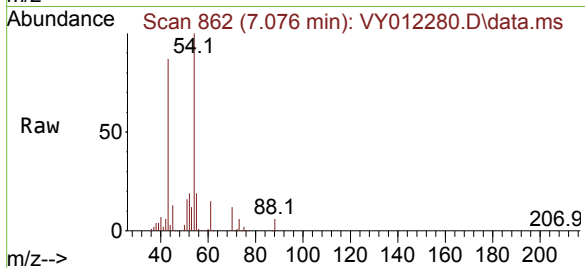
Tgt Ion: 43 Resp: 70928

Ion Ratio Lower Upper

43 100

61 16.2 11.3 16.9

70 12.9 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 49.292 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

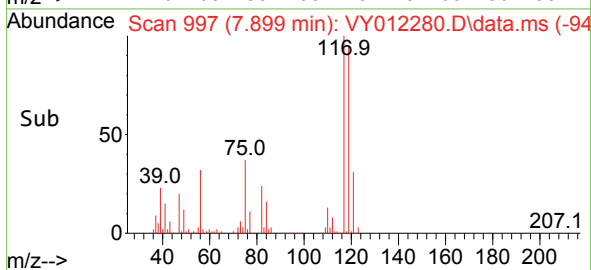
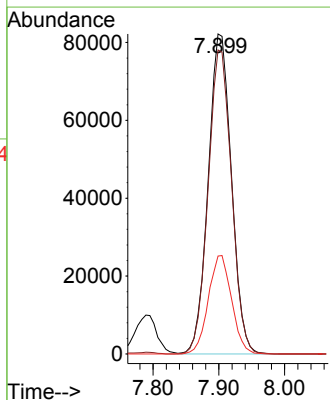
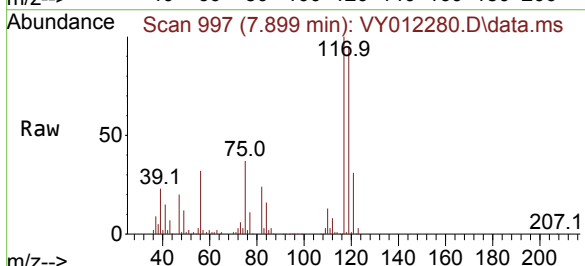
Tgt Ion: 117 Resp: 202275

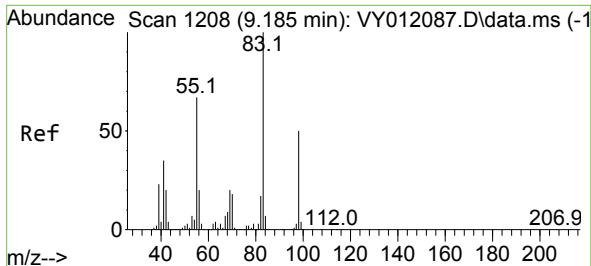
Ion Ratio Lower Upper

117 100

119 95.0 73.8 110.8

121 30.6 25.2 37.8





#39

Methylcyclohexane

Concen: 54.170 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

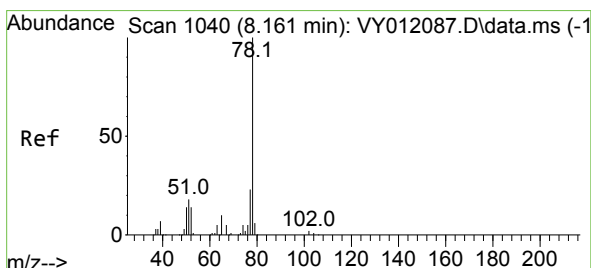
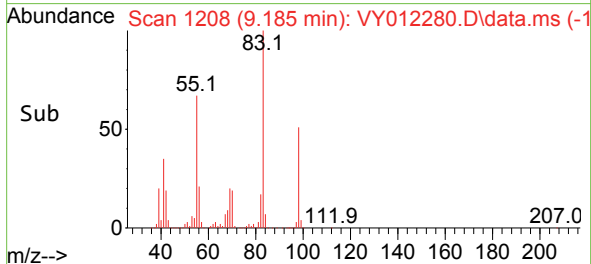
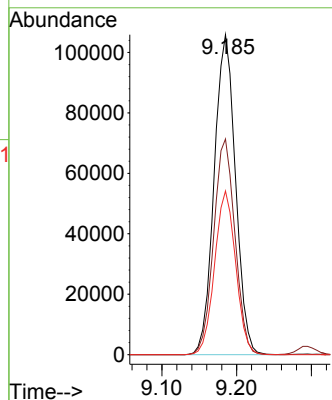
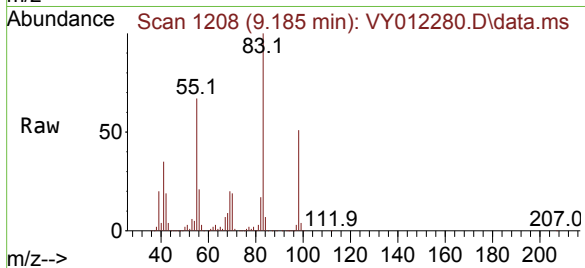
Tgt Ion: 83 Resp: 210339

Ion Ratio Lower Upper

83 100

55 67.4 58.2 87.2

98 51.2 38.6 58.0



#40

Benzene

Concen: 52.019 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012280.D

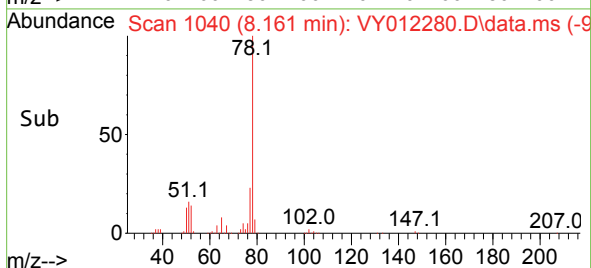
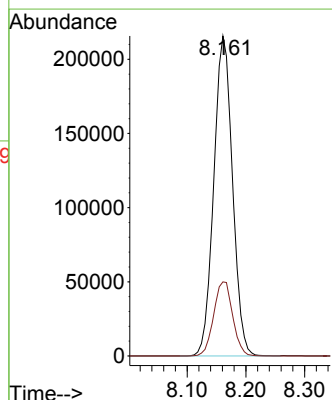
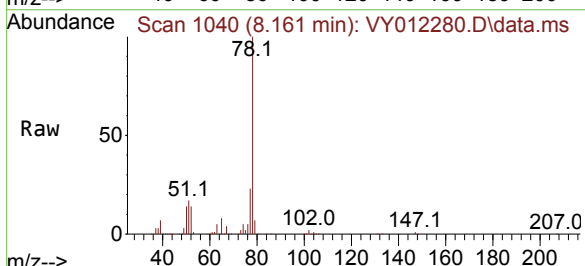
Acq: 20 Jan 2023 10:34

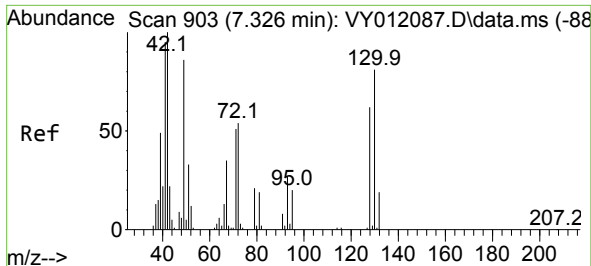
Tgt Ion: 78 Resp: 477053

Ion Ratio Lower Upper

78 100

77 23.1 18.6 27.8

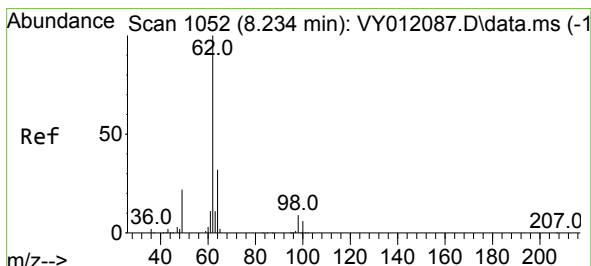
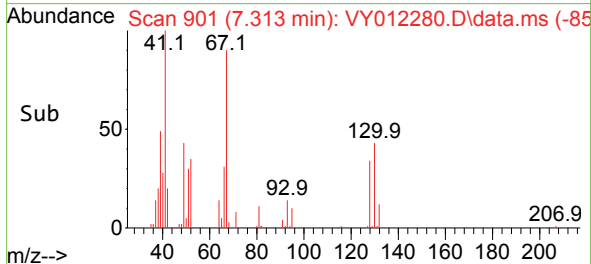
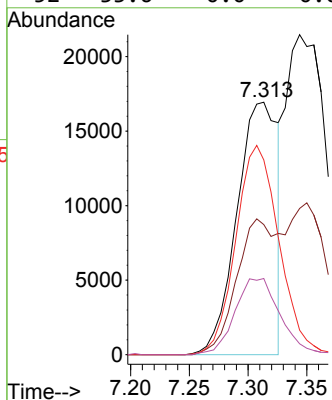
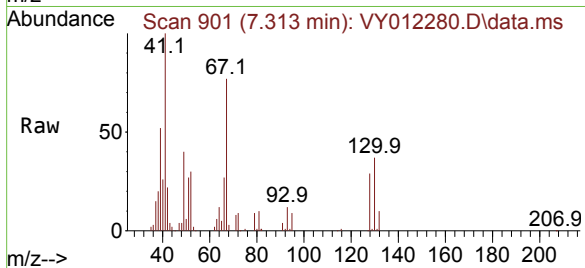




#41
Methacrylonitrile
Concen: 49.780 ug/l
RT: 7.313 min Scan# 903
Delta R.T. -0.013 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

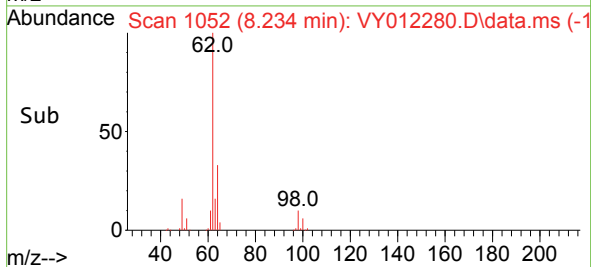
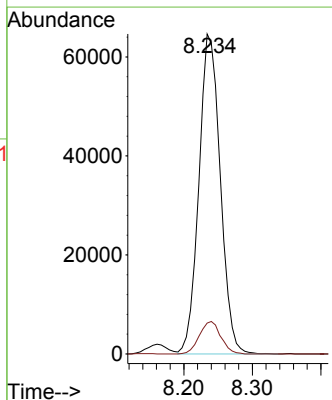
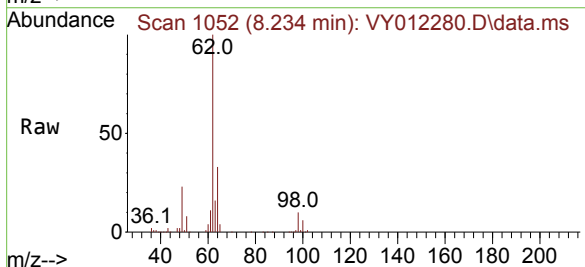
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

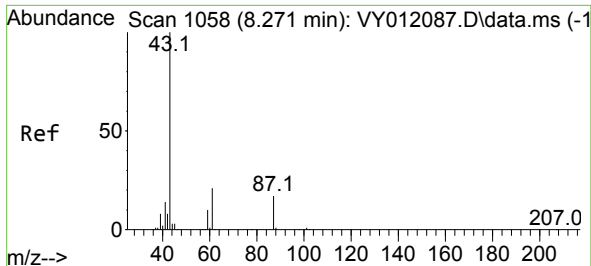
Tgt Ion: 41	Resp: 40986
Ion Ratio	Lower Upper
41 100	
39 45.5	0.0 0.0#
67 88.5	0.0 0.0#
52 33.6	0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.173 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 62	Resp: 140644
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 19.6

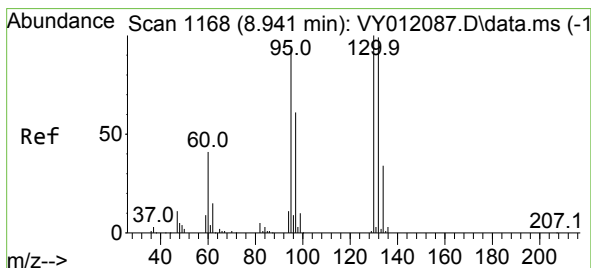
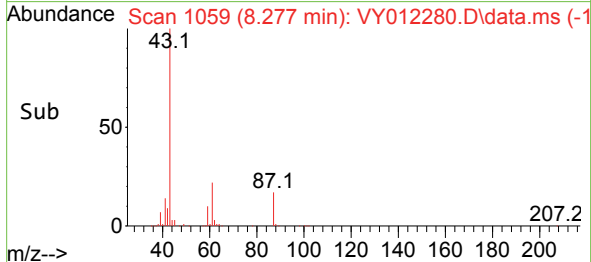
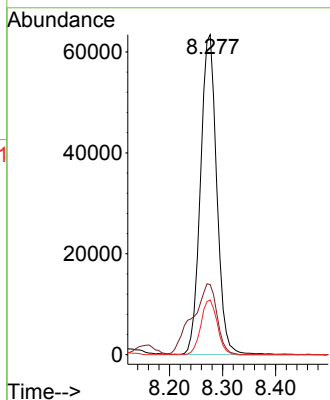
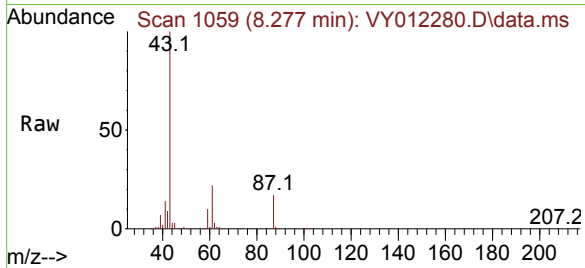




#43
Isopropyl Acetate
Concen: 51.605 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

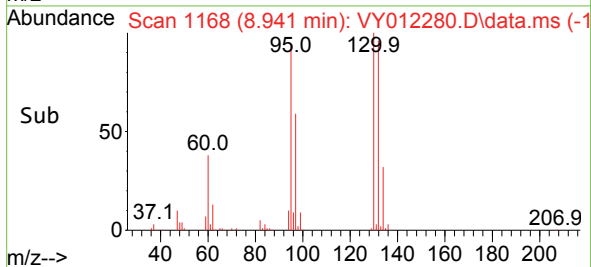
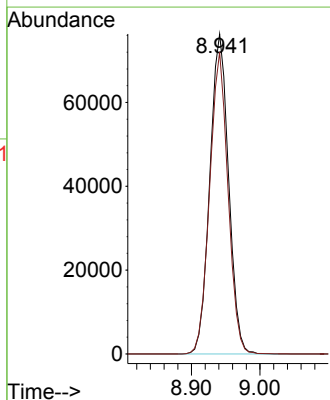
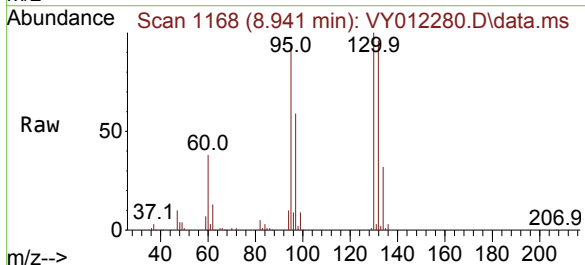
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

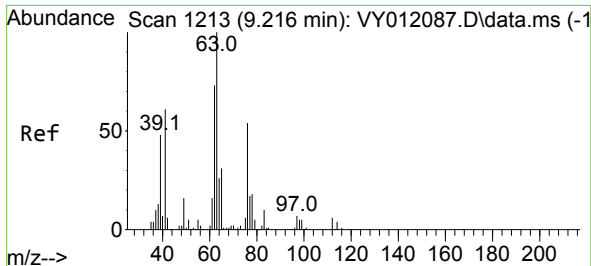
Tgt Ion: 43 Resp: 134483
Ion Ratio Lower Upper
43 100
61 33.5 24.4 36.6
87 17.3 11.4 17.2#



#44
Trichloroethene
Concen: 52.889 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion:130 Resp: 144972
Ion Ratio Lower Upper
130 100
95 94.4 0.0 190.6





#45

1,2-Dichloropropane

Concen: 54.974 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

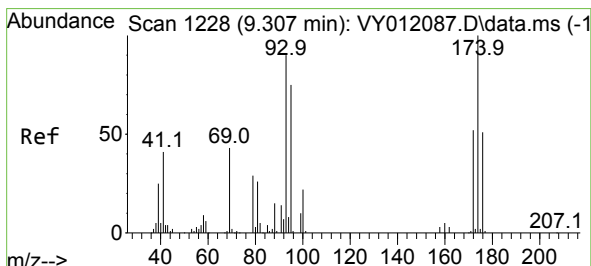
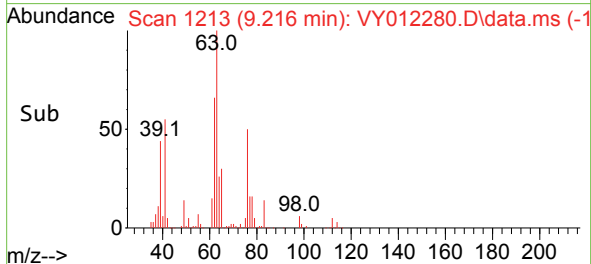
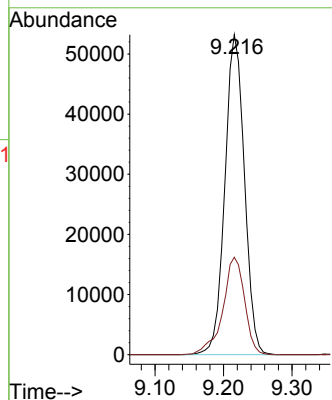
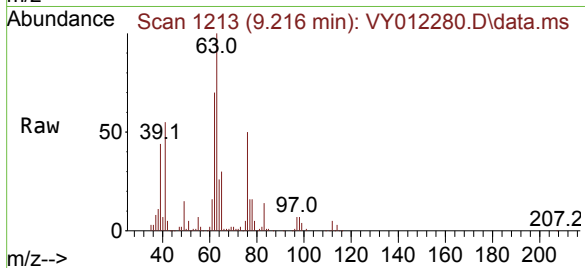
VSTDCCC050

Tgt Ion: 63 Resp: 105198

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 50.846 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

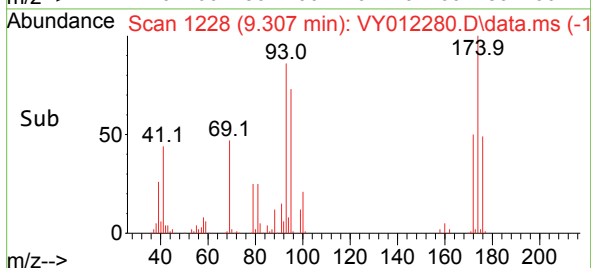
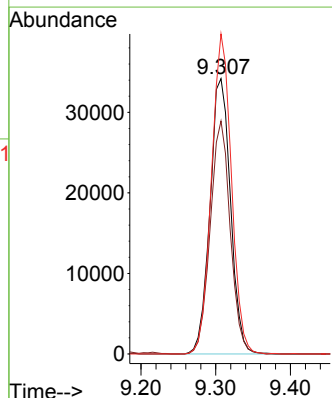
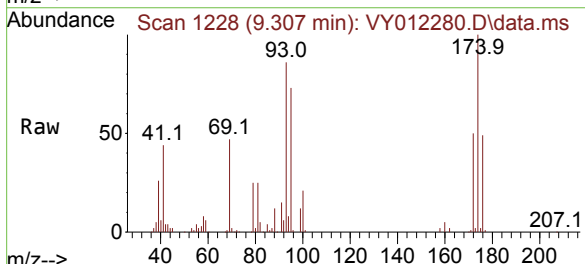
Tgt Ion: 93 Resp: 65137

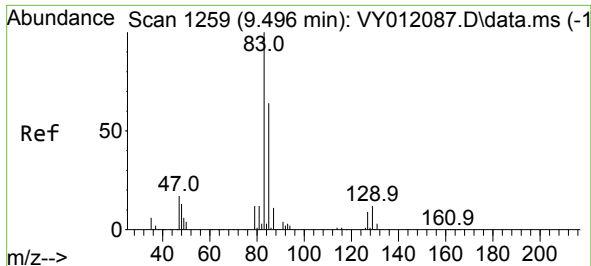
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 113.2 84.7 127.1

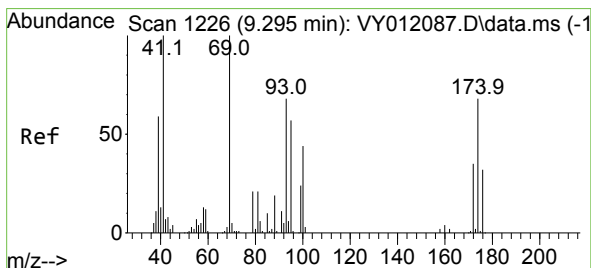
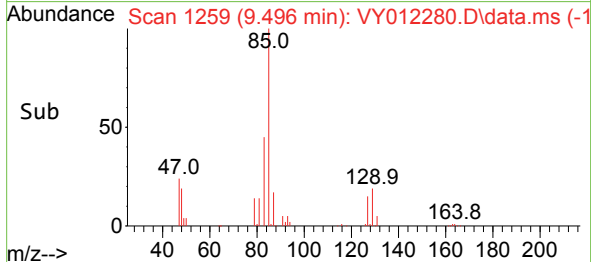
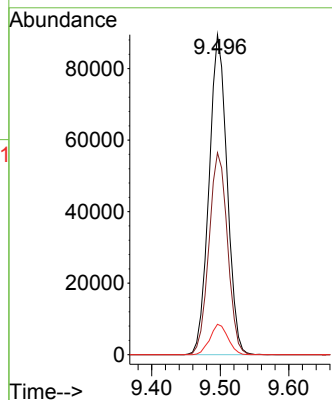
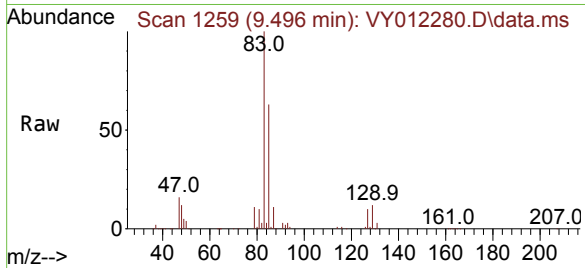




#47
Bromodichloromethane
Concen: 50.890 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

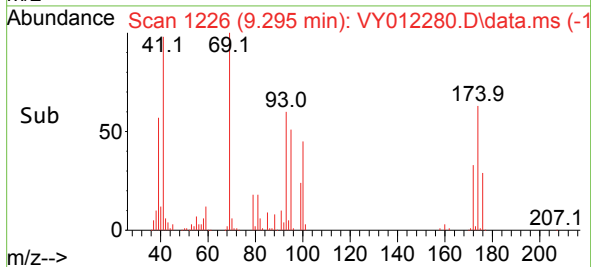
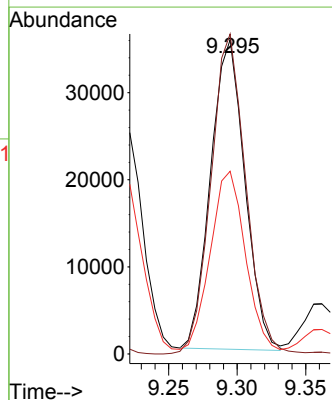
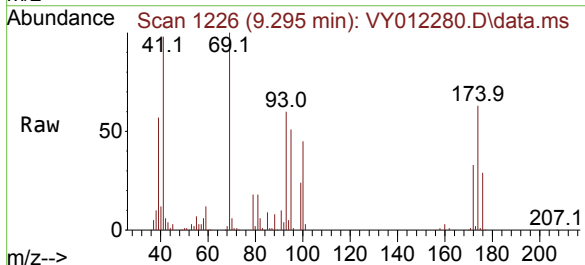
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

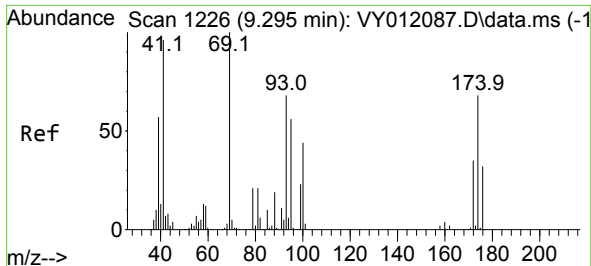
Tgt Ion: 83 Resp: 164107
Ion Ratio Lower Upper
83 100
85 63.1 52.0 78.0
127 9.5 7.3 10.9



#48
Methyl methacrylate
Concen: 51.381 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 41 Resp: 61696
Ion Ratio Lower Upper
41 100
69 105.6 74.2 111.2
39 58.8 46.3 69.5

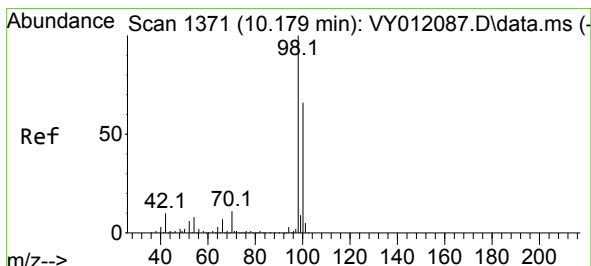
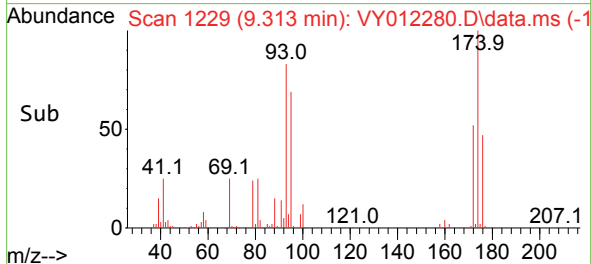
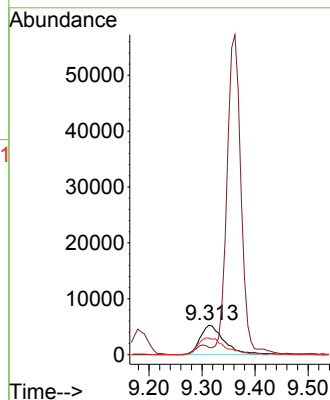
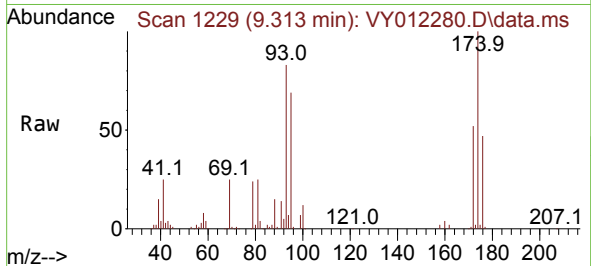




#49
1,4-Dioxane
Concen: 963.108 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

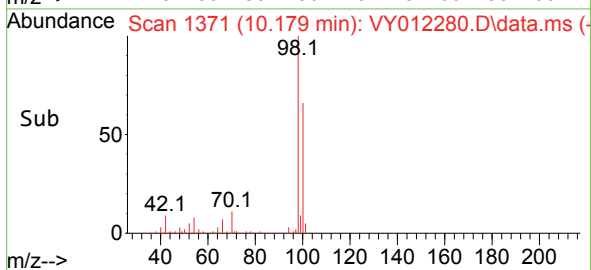
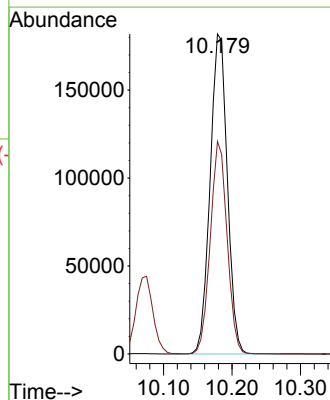
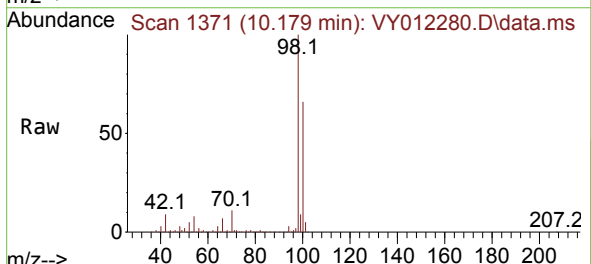
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

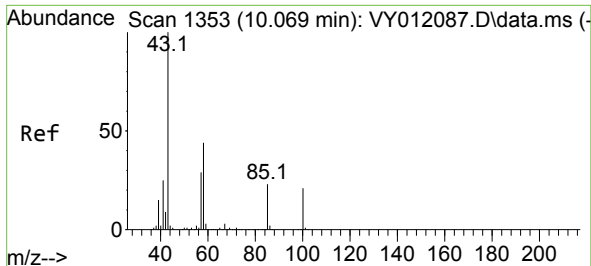
Tgt Ion: 88 Resp: 16812
Ion Ratio Lower Upper
88 100
43 21.2 26.2 39.2#
58 63.3 54.3 81.5



#50
Toluene-d8
Concen: 49.008 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 98 Resp: 318015
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 259.249 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

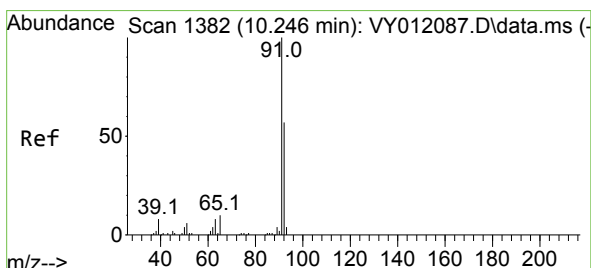
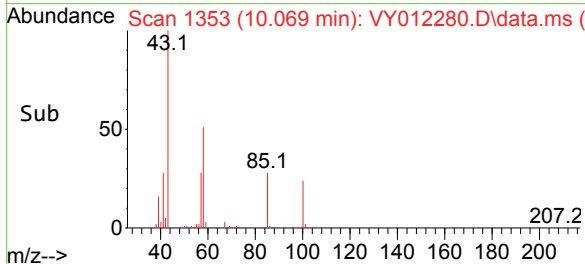
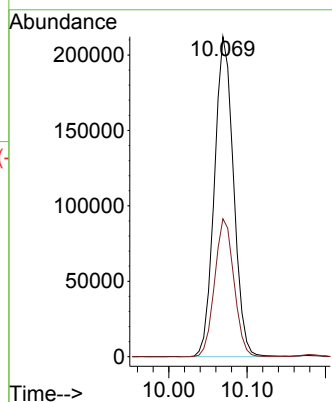
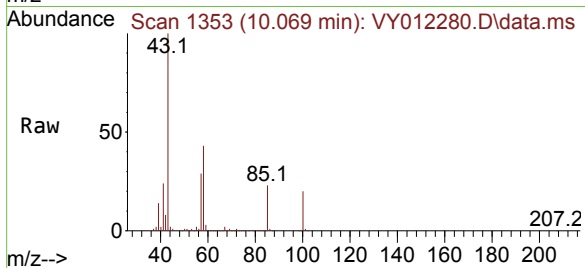
VSTDCCC050

Tgt Ion: 43 Resp: 360254

Ion Ratio Lower Upper

43 100

58 43.5 32.9 49.3



#52

Toluene

Concen: 51.439 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012280.D

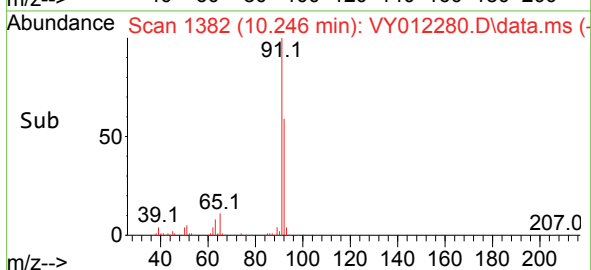
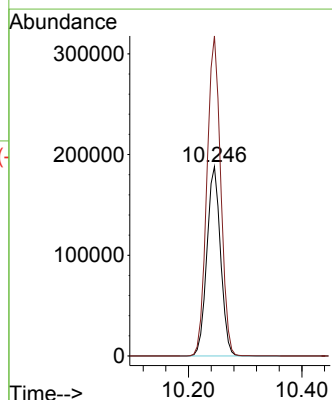
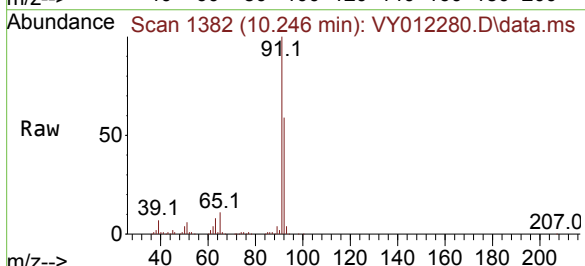
Acq: 20 Jan 2023 10:34

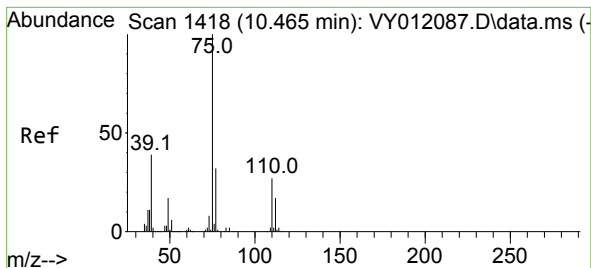
Tgt Ion: 92 Resp: 314088

Ion Ratio Lower Upper

92 100

91 170.7 137.4 206.0

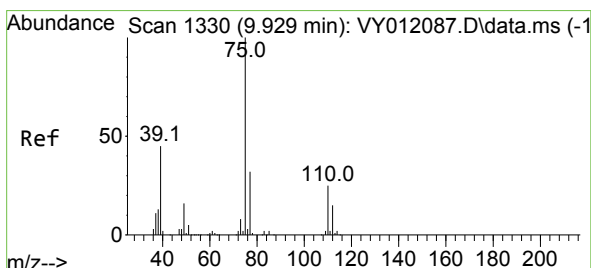
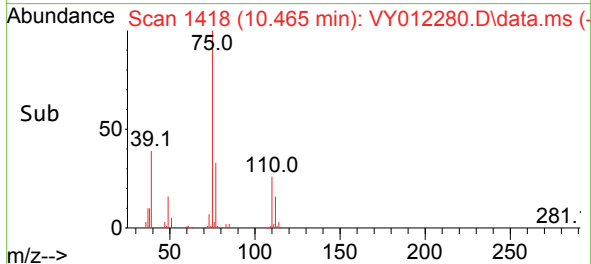
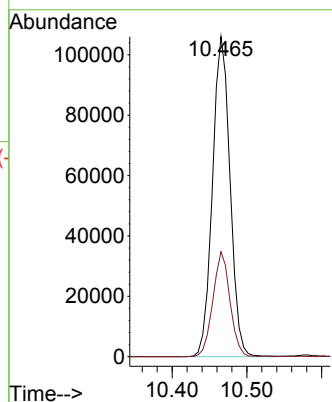
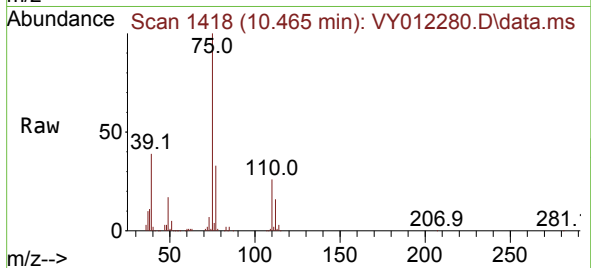




#53
t-1,3-Dichloropropene
Concen: 51.279 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

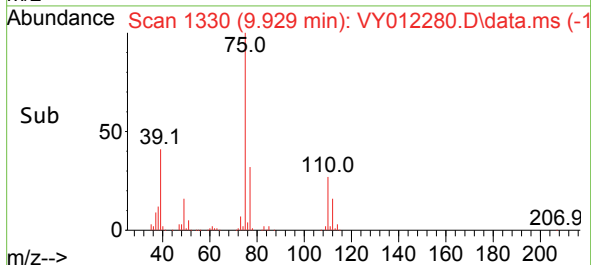
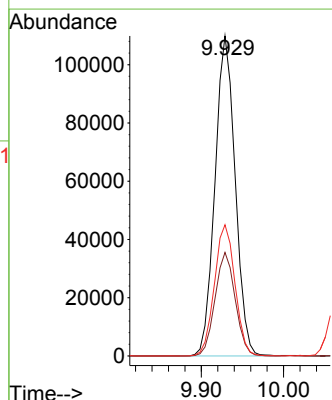
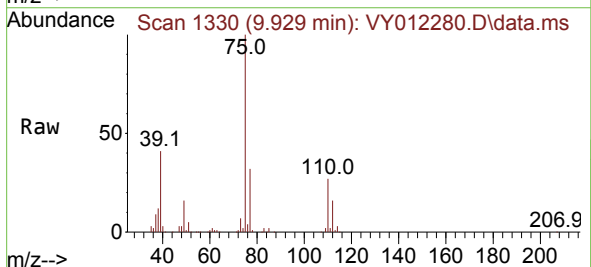
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

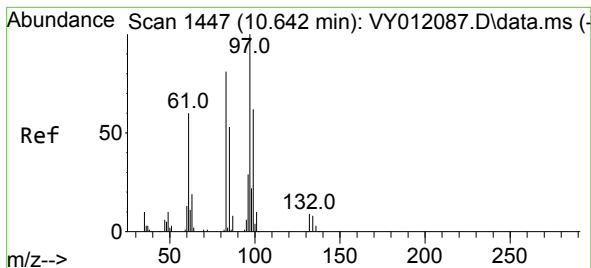
Tgt Ion: 75 Resp: 172966
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 51.650 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 75 Resp: 187623
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
39 41.0 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 52.215 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 95037

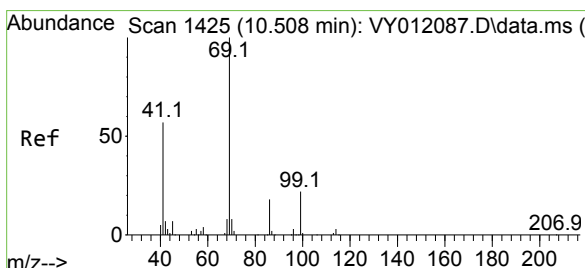
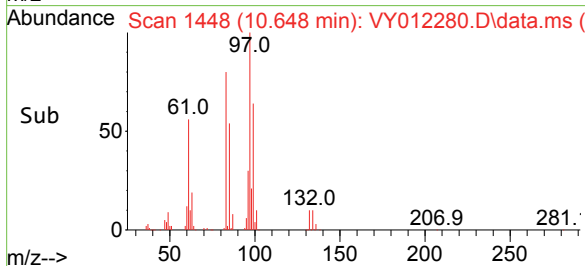
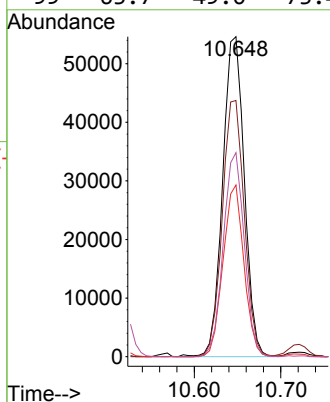
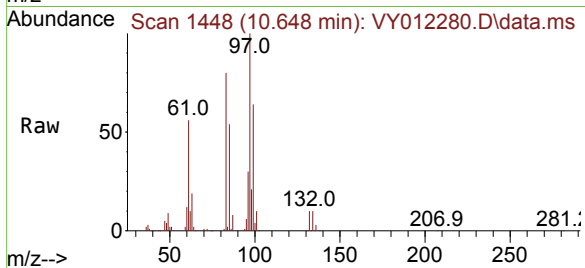
Ion Ratio Lower Upper

97 100

83 80.0 67.7 101.5

85 53.6 43.8 65.8

99 63.7 49.0 73.4



#56

Ethyl methacrylate

Concen: 52.588 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

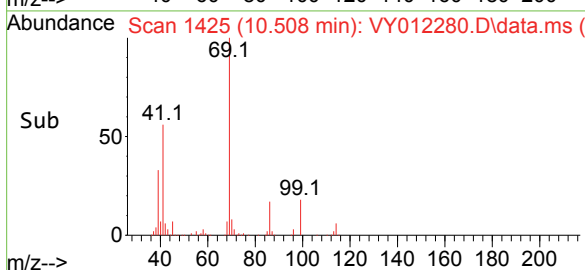
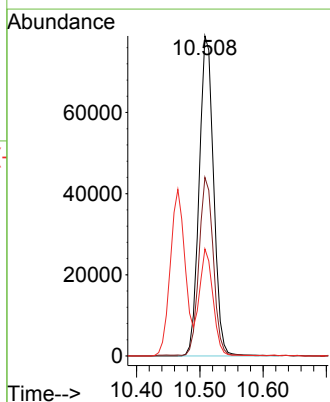
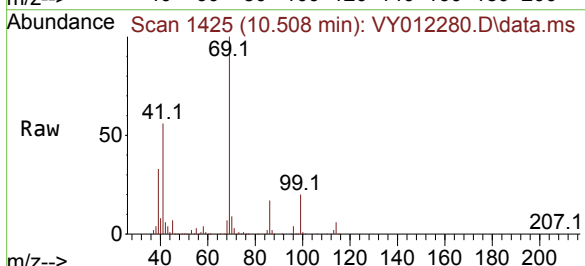
Tgt Ion: 69 Resp: 125570

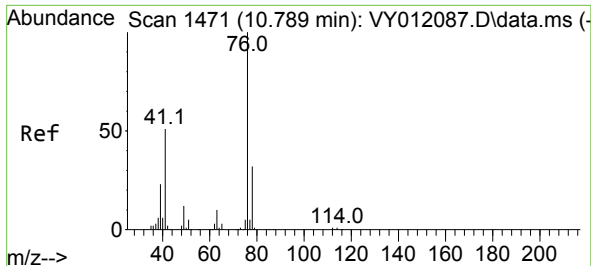
Ion Ratio Lower Upper

69 100

41 55.0 48.9 73.3

39 31.1 25.9 38.9





#57

1,3-Dichloropropane

Concen: 52.388 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

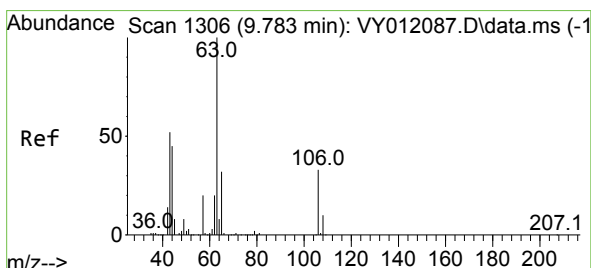
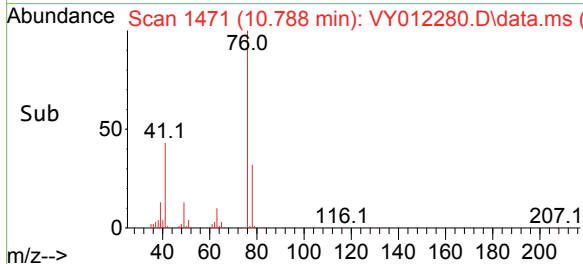
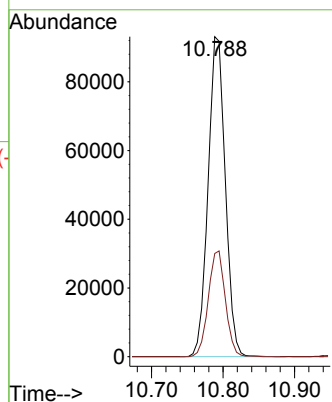
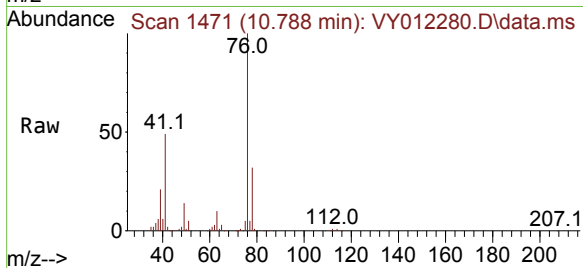
VSTDCCC050

Tgt Ion: 76 Resp: 155722

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 242.130 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012280.D

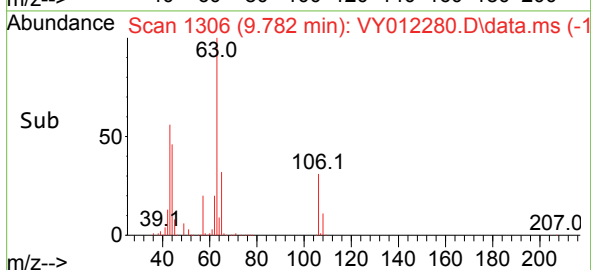
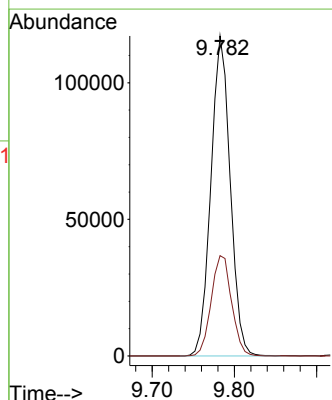
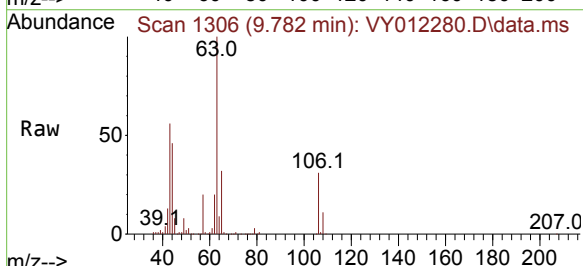
Acq: 20 Jan 2023 10:34

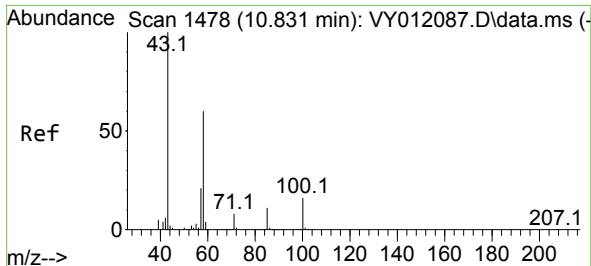
Tgt Ion: 63 Resp: 191307

Ion Ratio Lower Upper

63 100

106 33.0 23.2 34.8

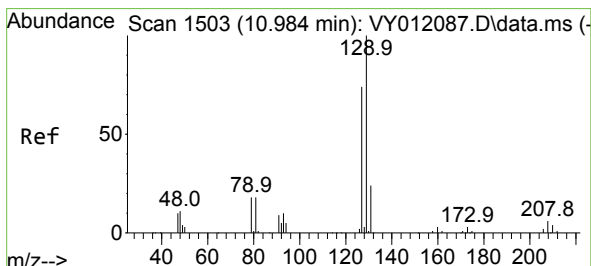
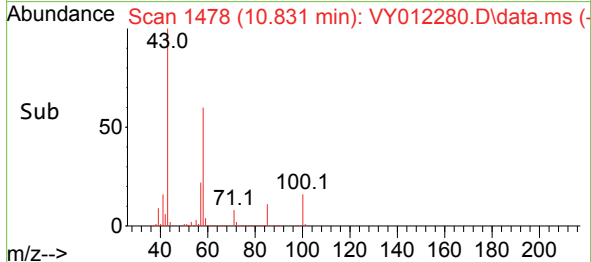
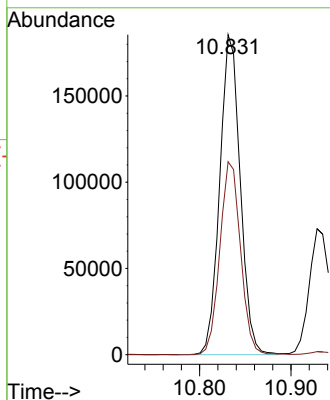
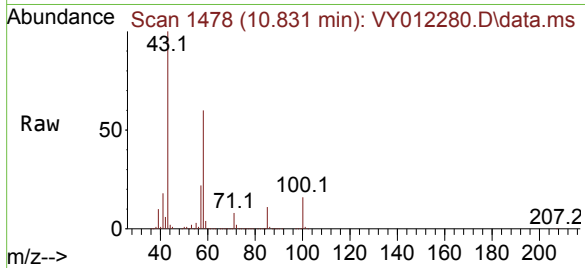




#59
2-Hexanone
Concen: 273.576 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

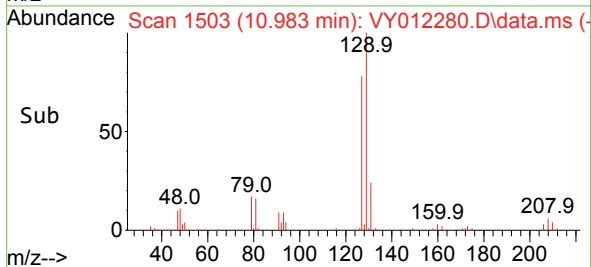
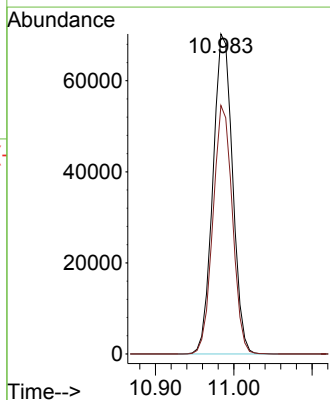
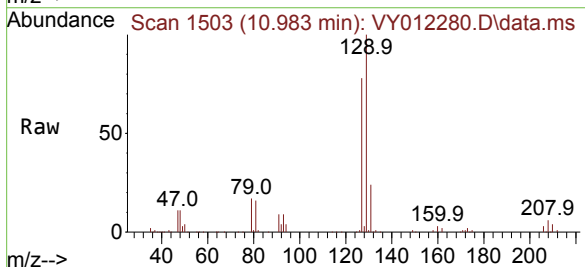
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

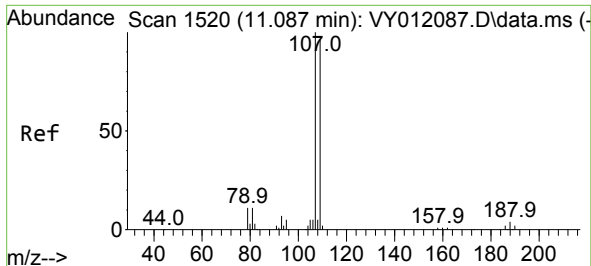
Tgt Ion: 43 Resp: 289437
Ion Ratio Lower Upper
43 100
58 60.9 28.4 85.2



#60
Dibromochloromethane
Concen: 50.722 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 129 Resp: 122444
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

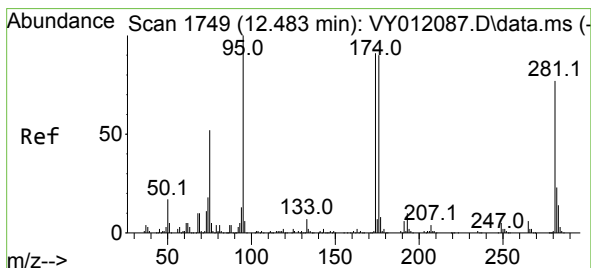
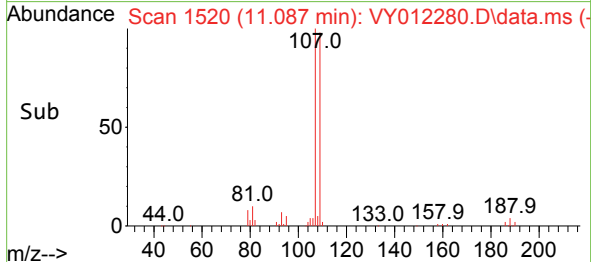
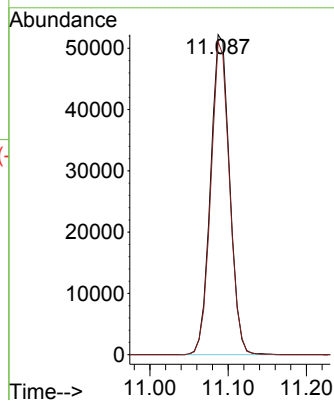
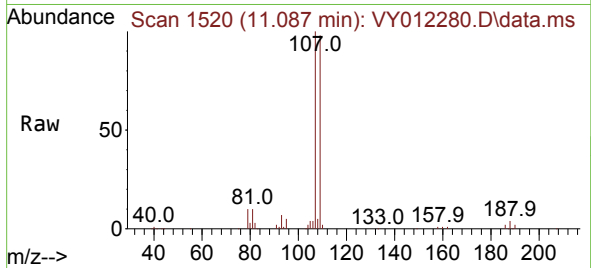




#61
1,2-Dibromoethane
Concen: 50.349 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

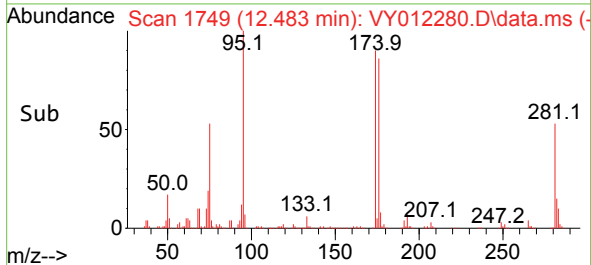
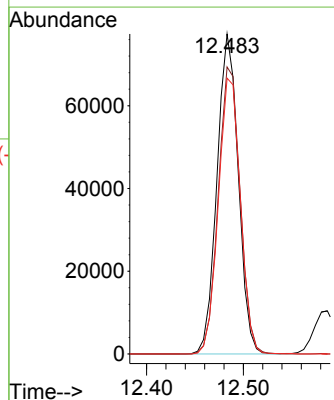
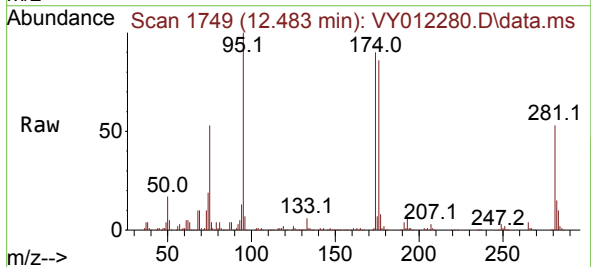
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

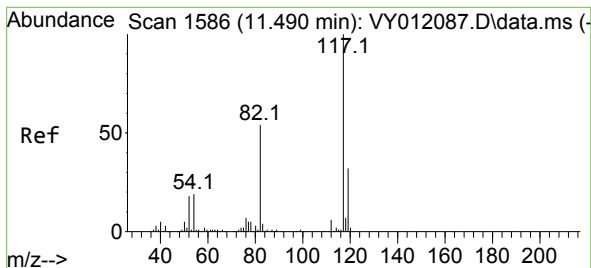
Tgt Ion:107 Resp: 88427
Ion Ratio Lower Upper
107 100
109 95.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 44.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 95 Resp: 118014
Ion Ratio Lower Upper
95 100
174 92.4 0.0 172.0
176 89.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

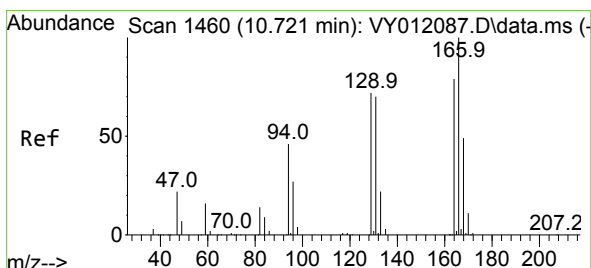
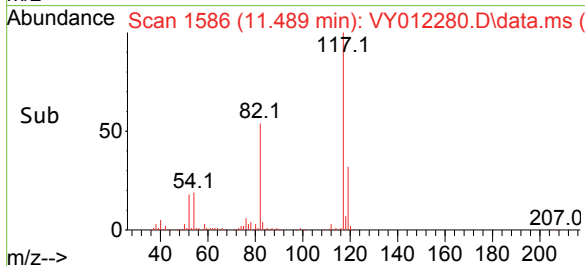
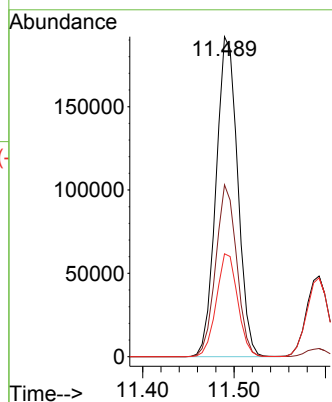
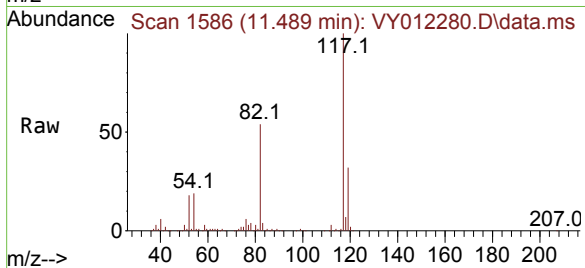
Tgt Ion:117 Resp: 315640

Ion Ratio Lower Upper

117 100

82 53.7 44.8 67.2

119 32.1 25.4 38.2



#64

Tetrachloroethene

Concen: 55.877 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Tgt Ion:164 Resp: 160936

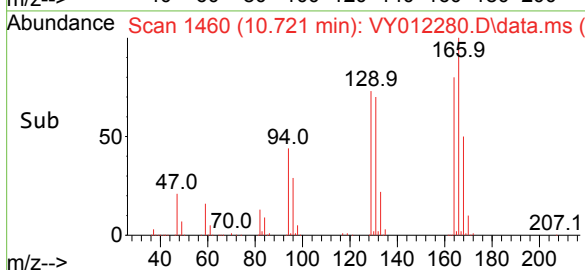
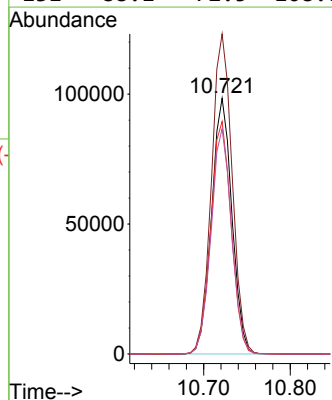
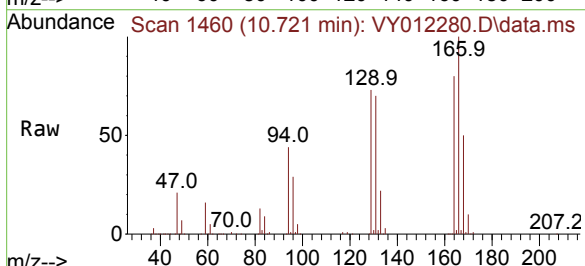
Ion Ratio Lower Upper

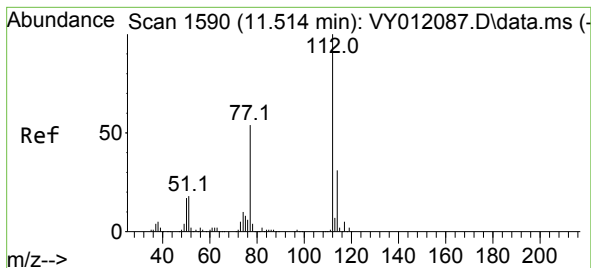
164 100

166 125.2 102.3 153.5

129 90.9 77.2 115.8

131 88.1 72.5 108.7





#65

Chlorobenzene

Concen: 51.771 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

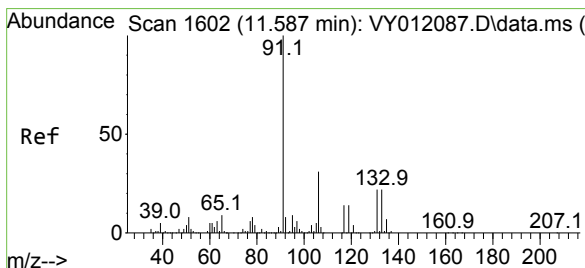
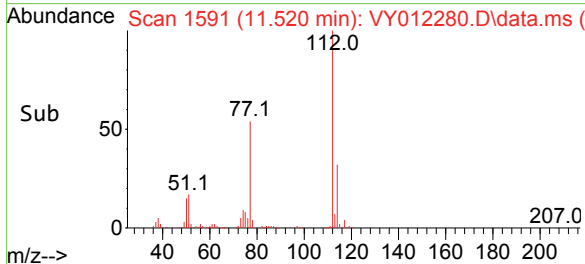
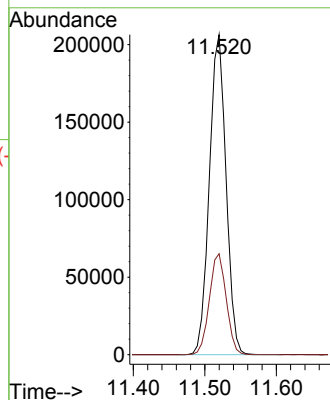
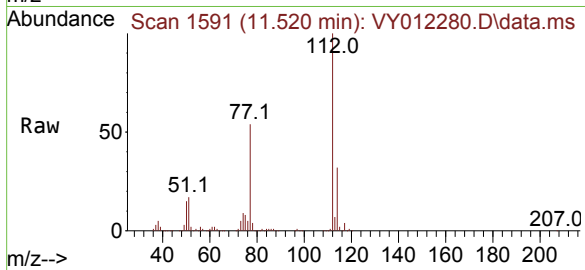
VSTDCCC050

Tgt Ion:112 Resp: 334346

Ion Ratio Lower Upper

112 100

114 31.6 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 51.794 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

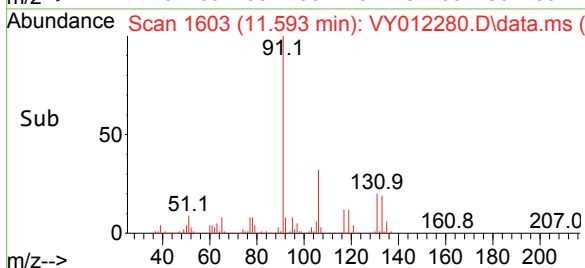
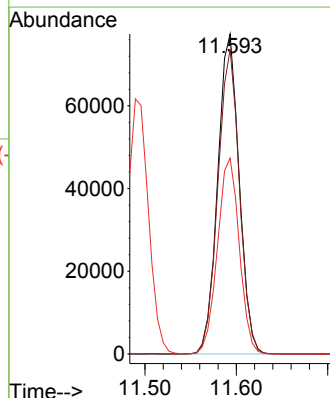
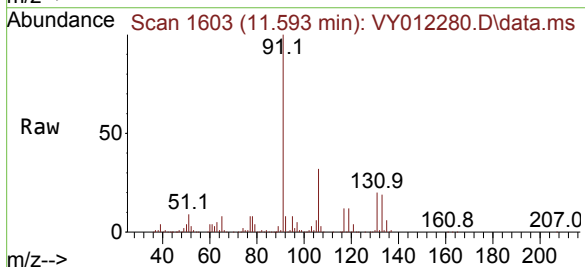
Tgt Ion:131 Resp: 126255

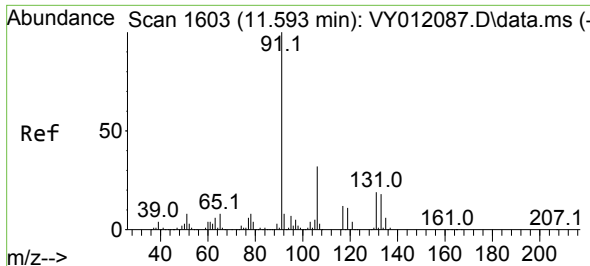
Ion Ratio Lower Upper

131 100

133 95.2 47.3 142.0

119 62.2 32.1 96.3

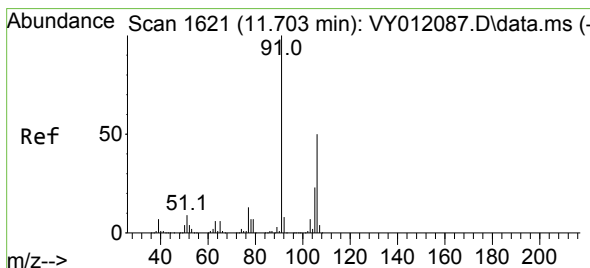
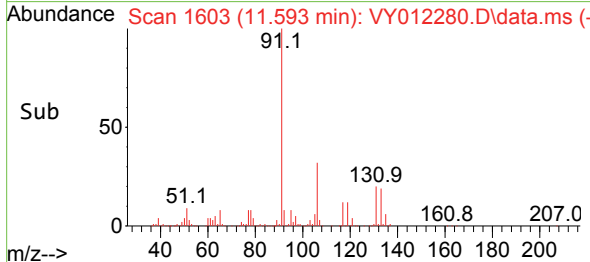
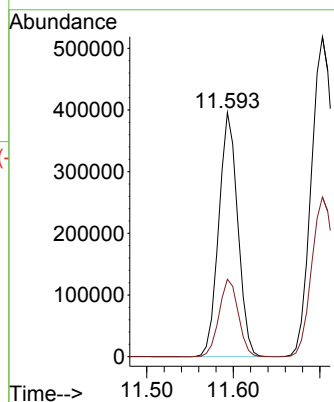
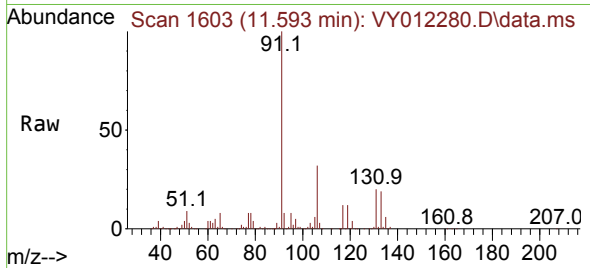




#67
Ethyl Benzene
Concen: 52.230 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

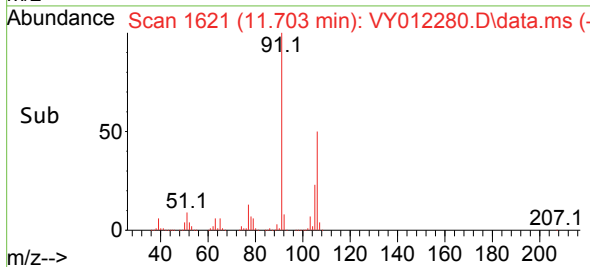
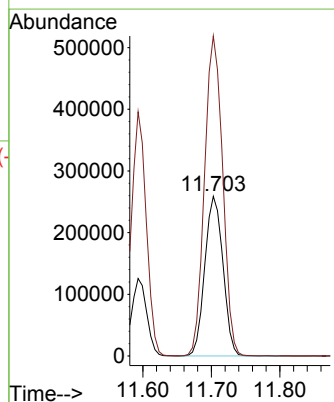
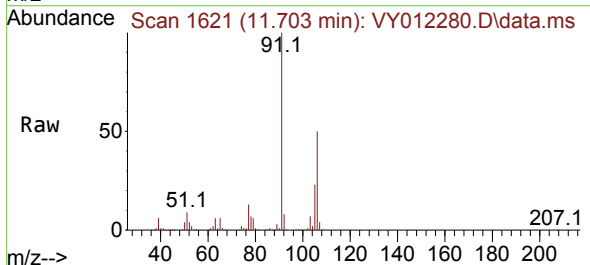
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

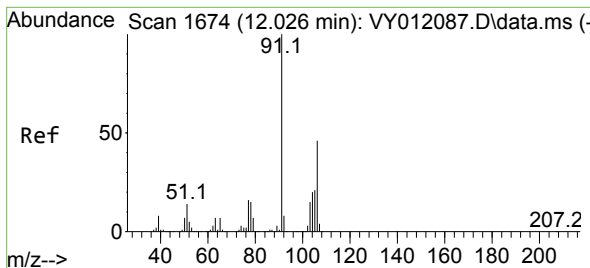
Tgt Ion: 91 Resp: 602832
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4



#68
m/p-Xylenes
Concen: 104.595 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion:106 Resp: 477323
Ion Ratio Lower Upper
106 100
91 200.3 162.5 243.7





#69

o-Xylene

Concen: 52.346 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

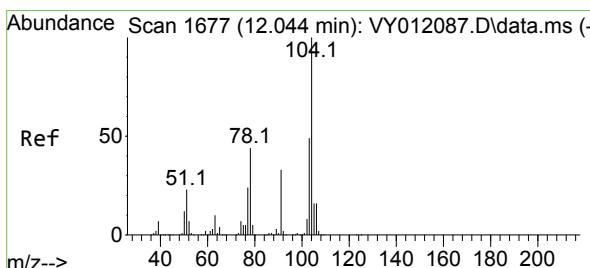
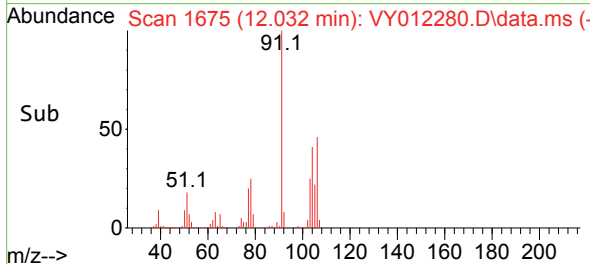
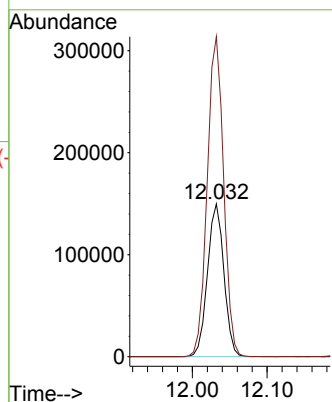
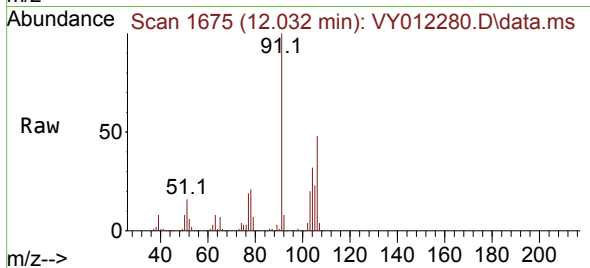
VSTDCCC050

Tgt Ion:106 Resp: 228168

Ion Ratio Lower Upper

106 100

91 209.5 107.5 322.4



#70

Styrene

Concen: 52.416 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

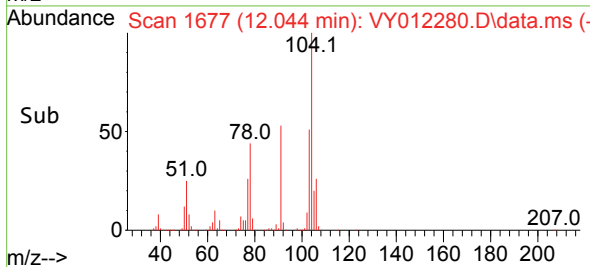
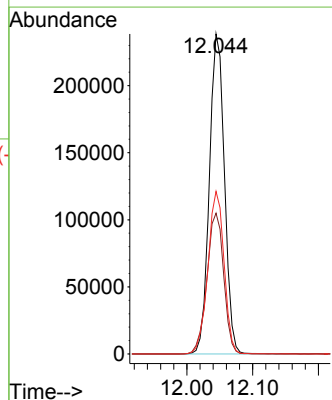
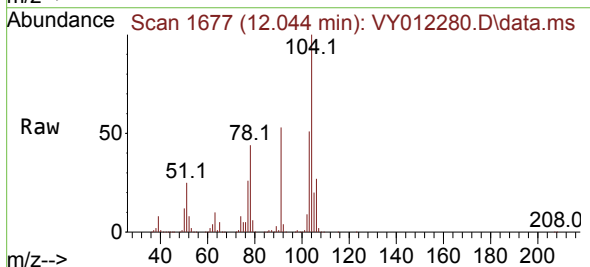
Tgt Ion:104 Resp: 381745

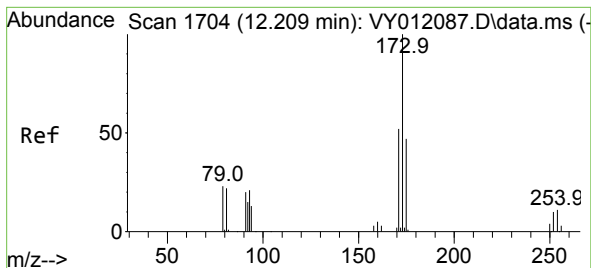
Ion Ratio Lower Upper

104 100

78 48.9 39.4 59.0

103 54.3 43.0 64.4





#71

Bromoform

Concen: 51.363 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

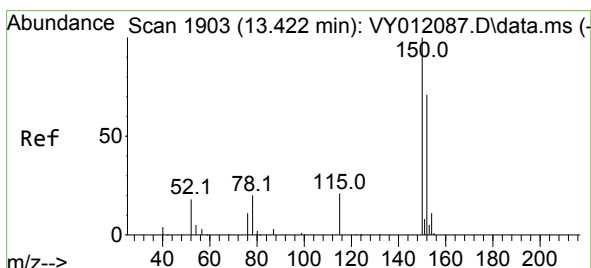
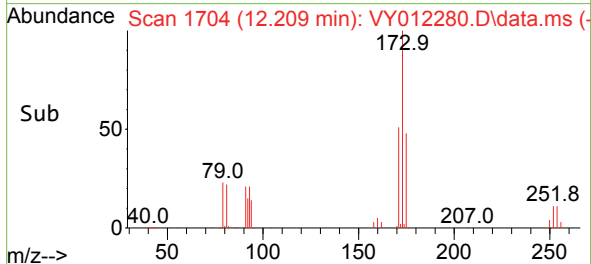
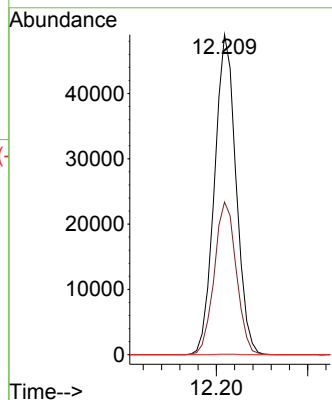
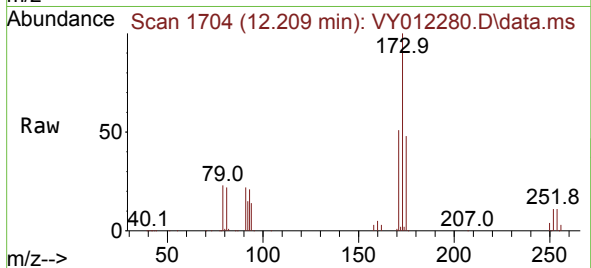
Tgt Ion:173 Resp: 79993

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

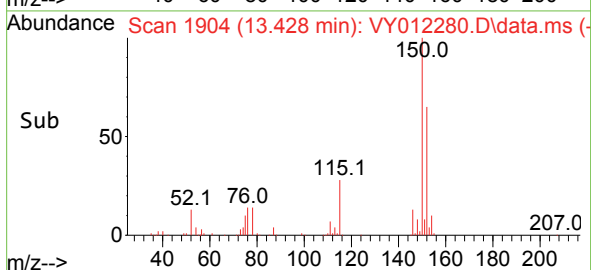
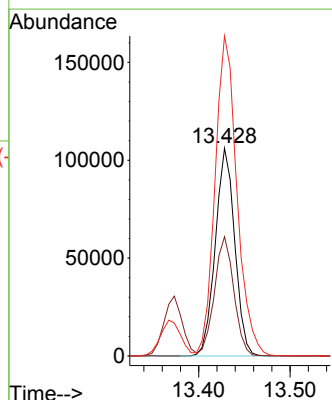
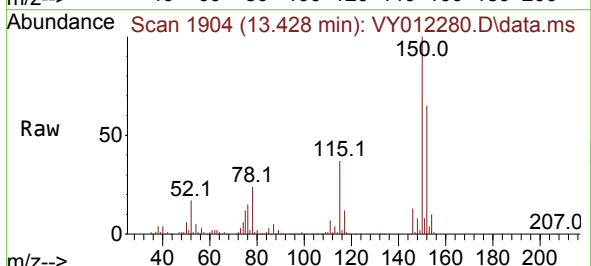
Tgt Ion:152 Resp: 156820

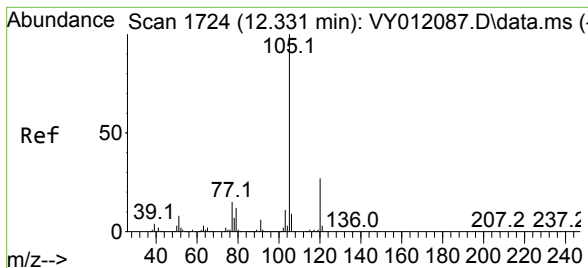
Ion Ratio Lower Upper

152 100

115 57.3 29.1 87.3

150 173.8 0.0 342.6





#73

Isopropylbenzene

Concen: 53.938 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

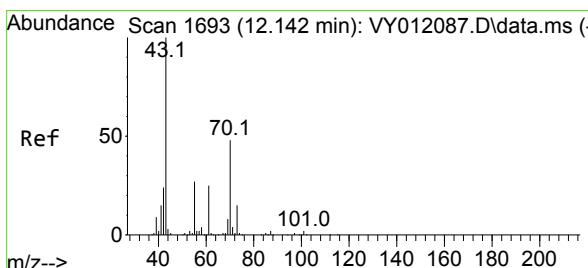
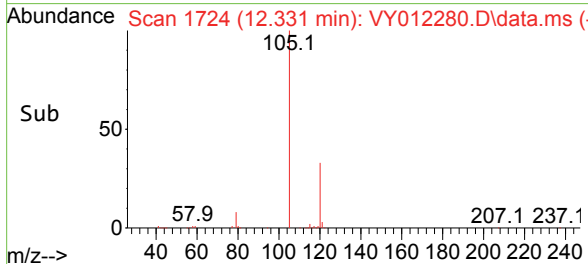
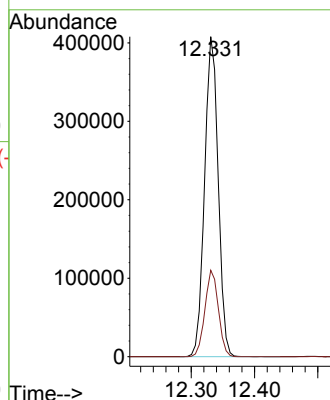
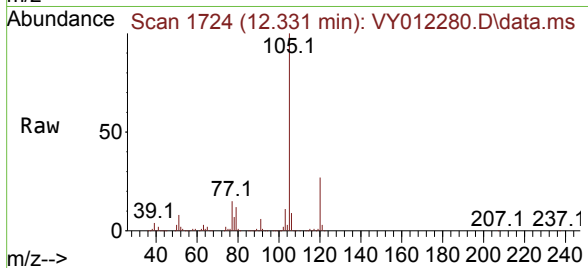
VSTDCCC050

Tgt Ion:105 Resp: 609939

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 54.155 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Tgt Ion: 43 Resp: 120046

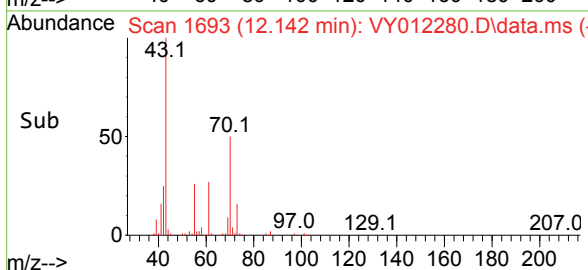
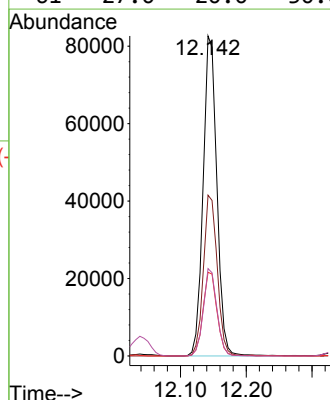
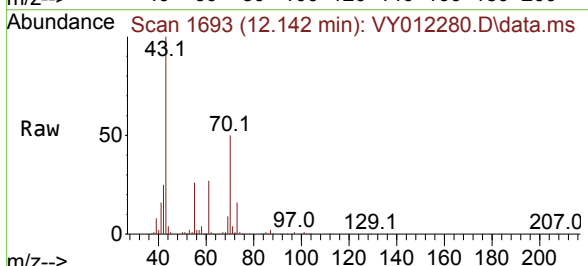
Ion Ratio Lower Upper

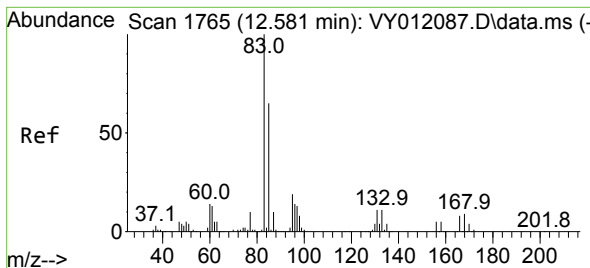
43 100

70 50.8 35.8 53.8

55 26.6 21.0 31.4

61 27.0 20.0 30.0

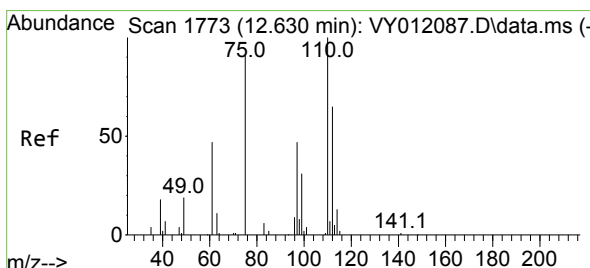
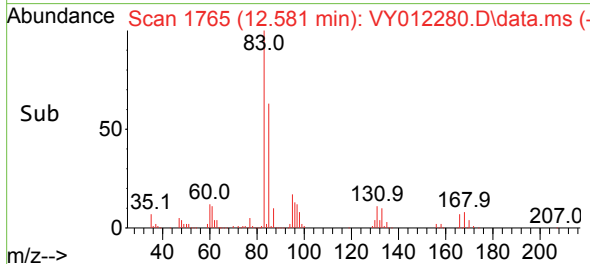
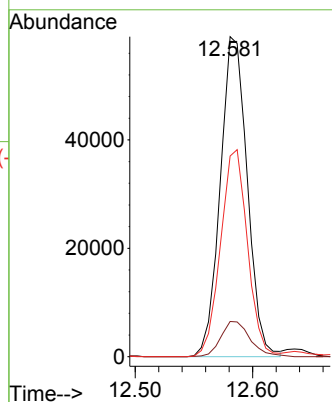
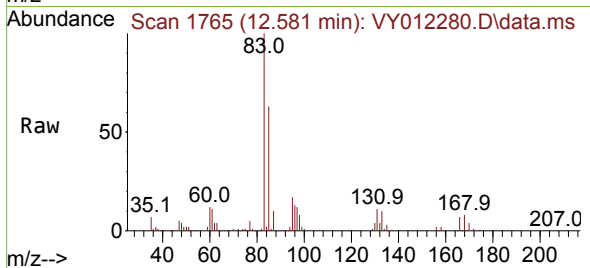




#75
1,1,2,2-Tetrachloroethane
Concen: 53.005 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

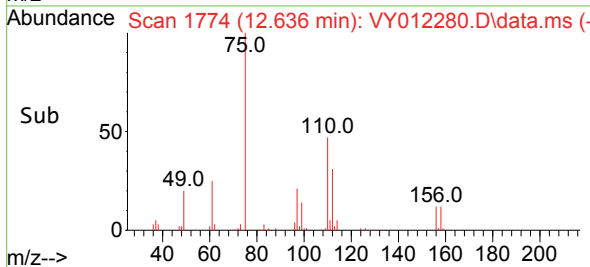
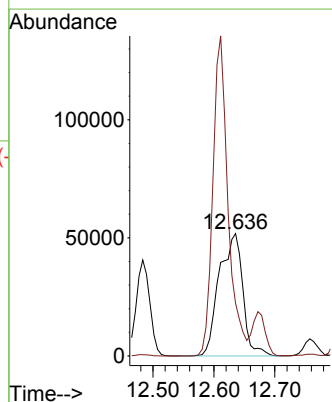
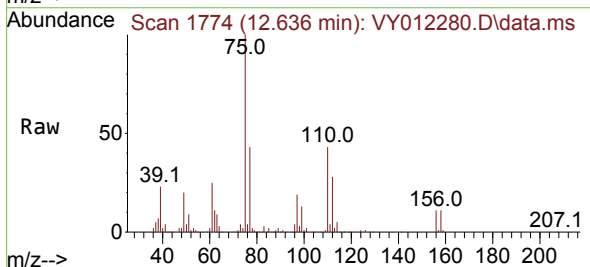
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

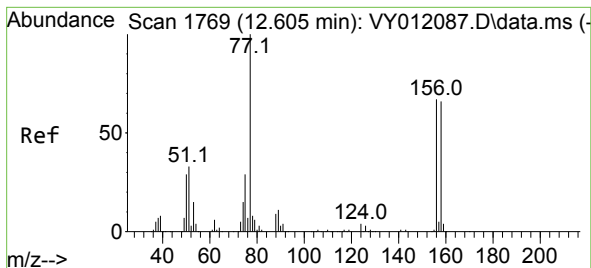
Tgt Ion: 83 Resp: 94410
Ion Ratio Lower Upper
83 100
131 12.0 5.6 16.8
85 64.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 96.598 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 75 Resp: 139296
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.959 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

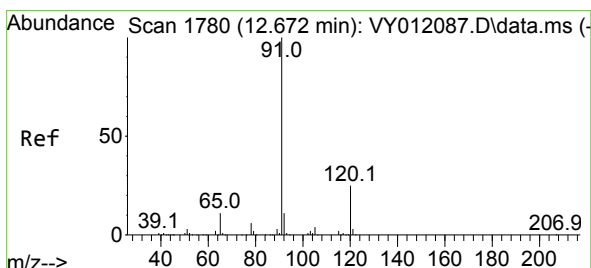
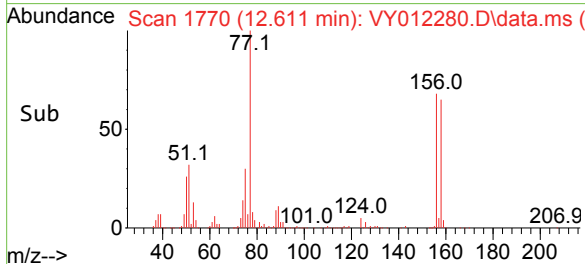
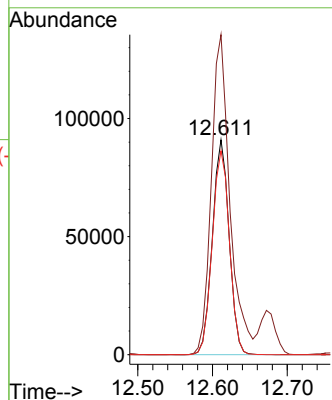
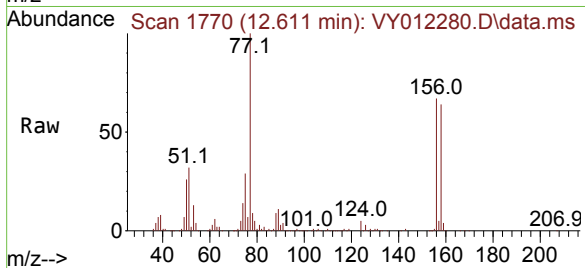
Tgt Ion:156 Resp: 141384

Ion Ratio Lower Upper

156 100

77 165.7 90.0 270.0

158 97.5 48.4 145.2



#78

n-propylbenzene

Concen: 53.538 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012280.D

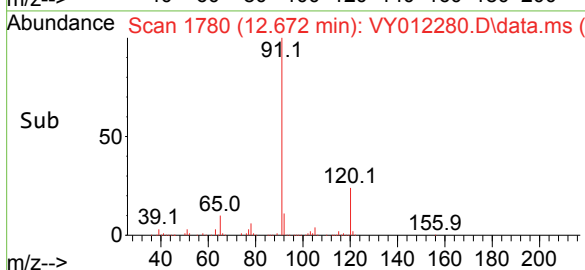
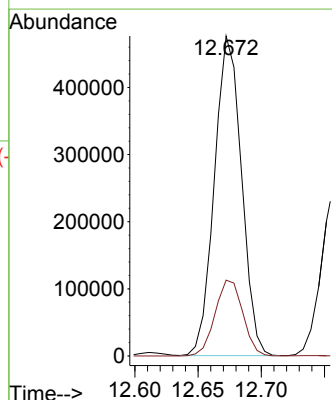
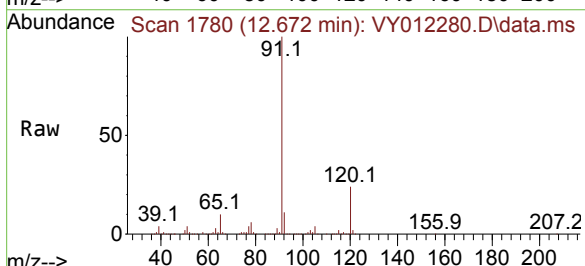
Acq: 20 Jan 2023 10:34

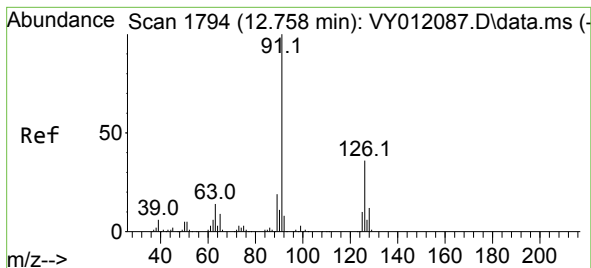
Tgt Ion: 91 Resp: 708449

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.4





#79

2-Chlorotoluene

Concen: 53.011 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

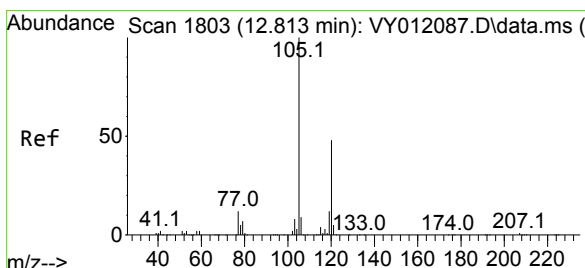
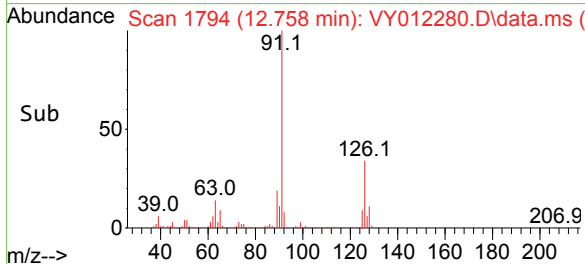
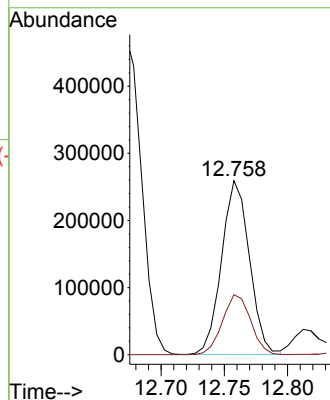
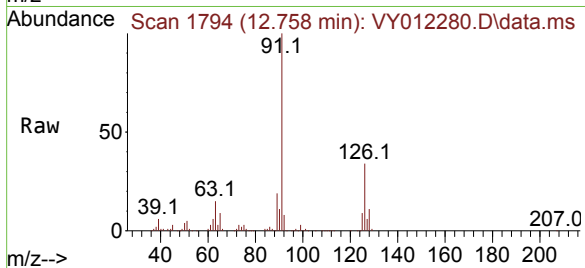
VSTDCCC050

Tgt Ion: 91 Resp: 396616

Ion Ratio Lower Upper

91 100

126 35.0 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 52.878 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012280.D

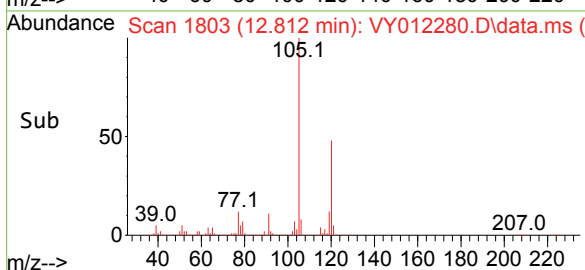
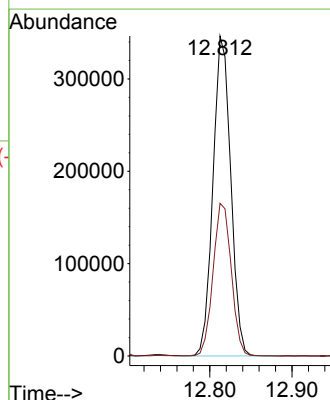
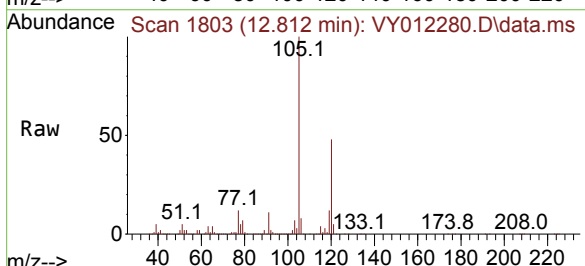
Acq: 20 Jan 2023 10:34

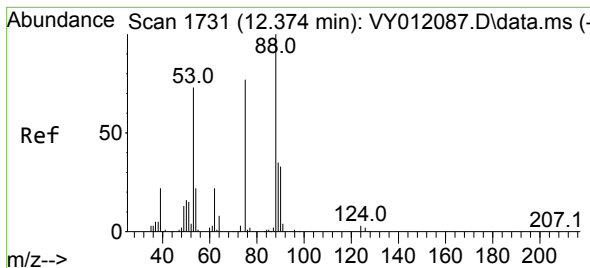
Tgt Ion:105 Resp: 519812

Ion Ratio Lower Upper

105 100

120 48.9 24.2 72.6

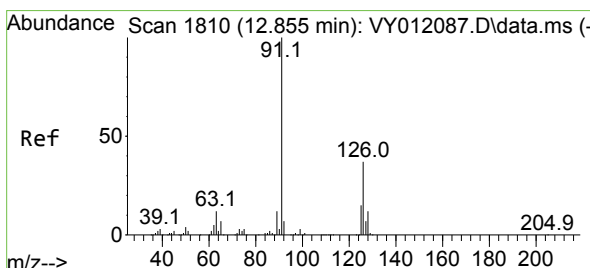
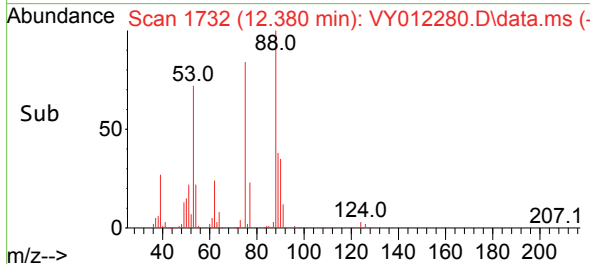
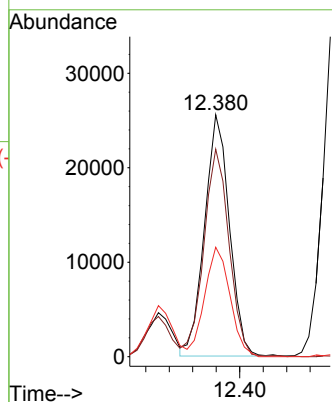
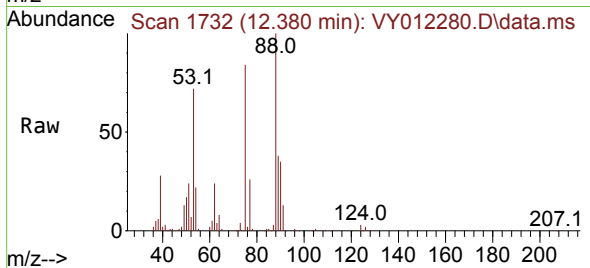




#81
trans-1,4-Dichloro-2-butene
Concen: 53.632 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

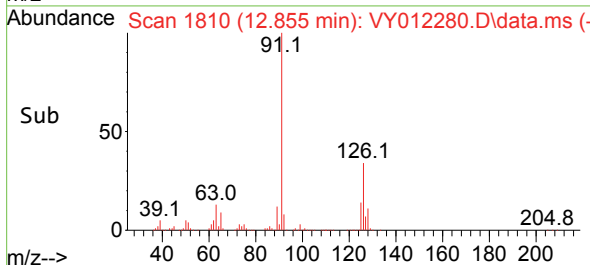
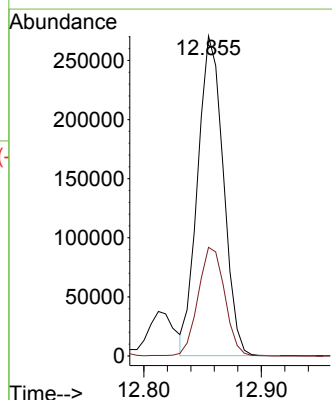
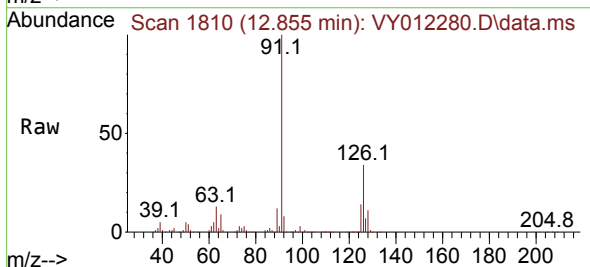
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

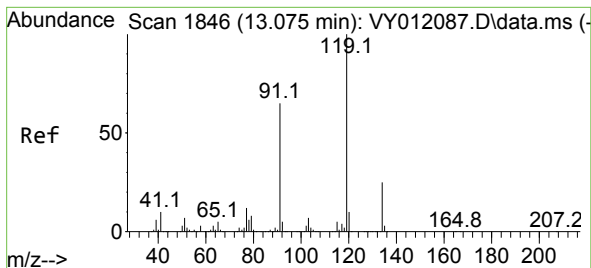
Tgt Ion: 75 Resp: 37535
Ion Ratio Lower Upper
75 100
53 87.7 72.5 108.7
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.238 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 91 Resp: 410535
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 53.302 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

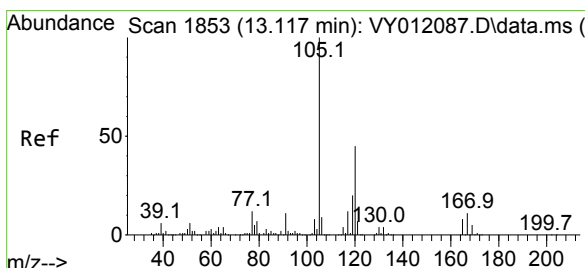
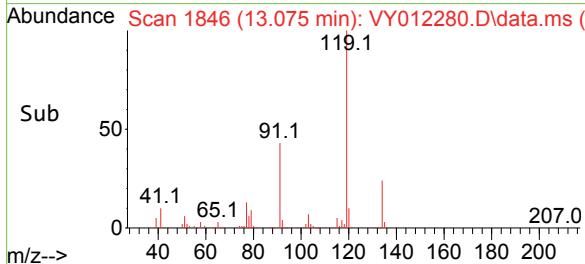
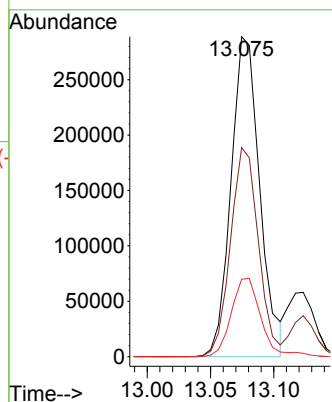
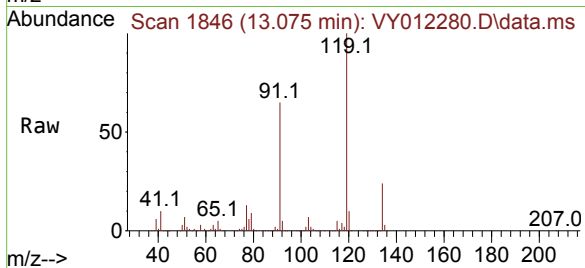
Tgt Ion:119 Resp: 456679

Ion Ratio Lower Upper

119 100

91 63.6 32.3 96.8

134 25.4 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 52.532 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012280.D

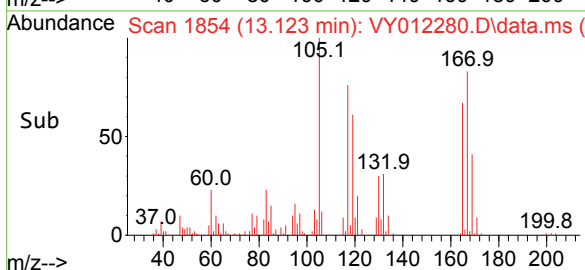
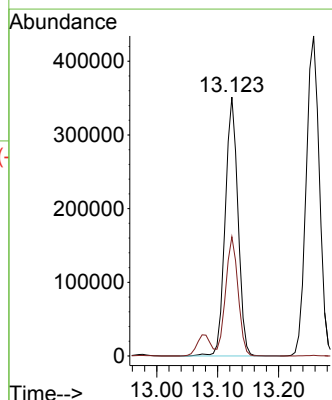
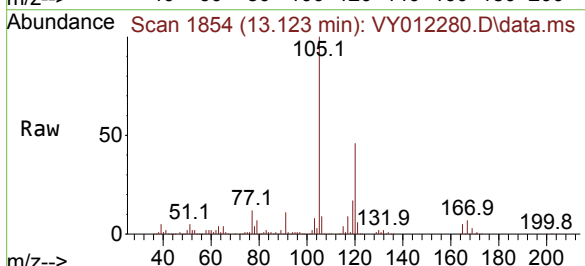
Acq: 20 Jan 2023 10:34

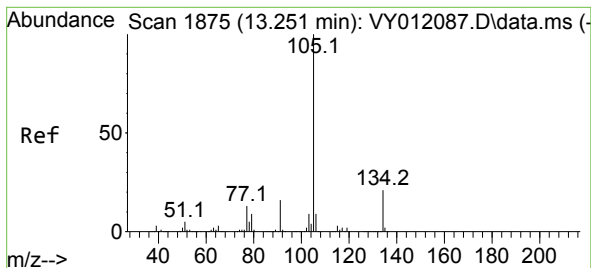
Tgt Ion:105 Resp: 509270

Ion Ratio Lower Upper

105 100

120 44.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 53.368 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

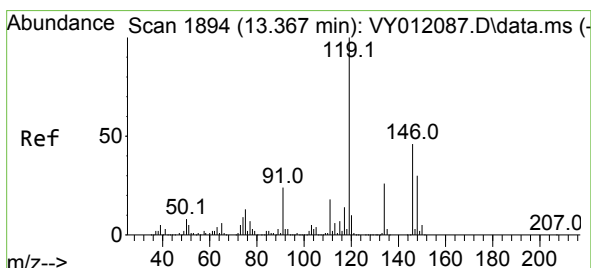
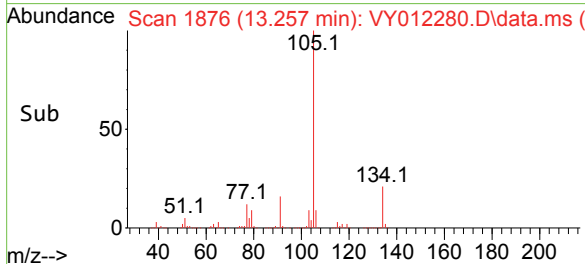
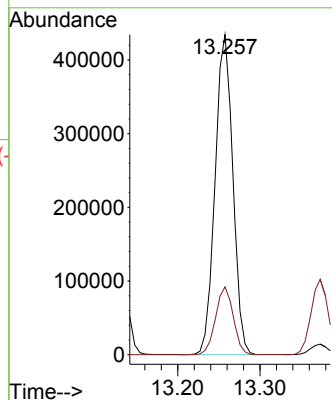
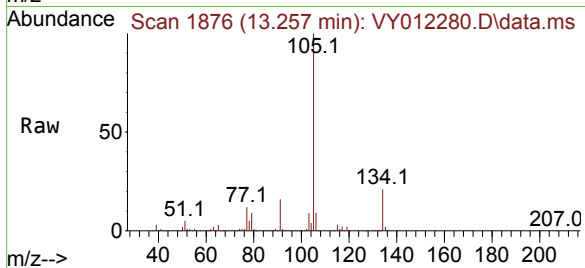
VSTDCCC050

Tgt Ion:105 Resp: 651013

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.3



#86

p-Isopropyltoluene

Concen: 52.893 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

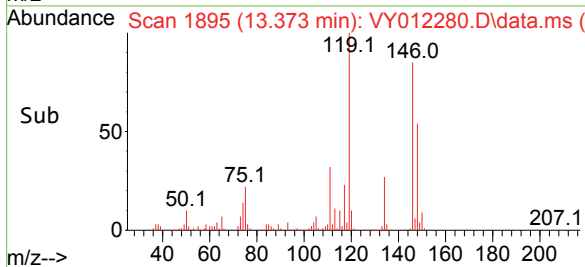
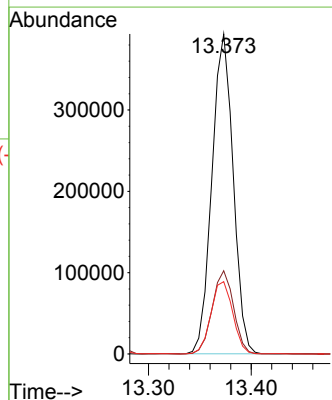
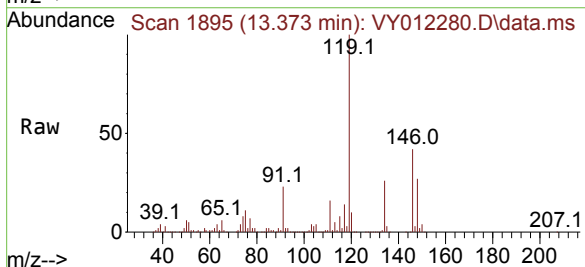
Tgt Ion:119 Resp: 563725

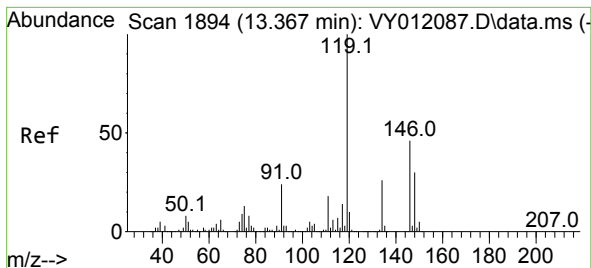
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 23.2 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 51.307 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

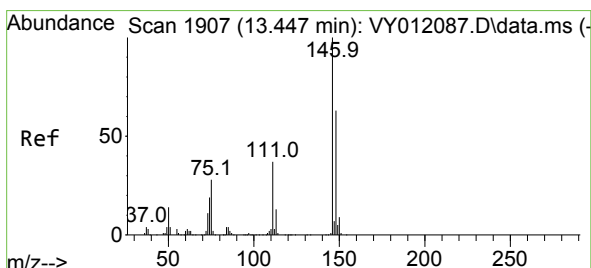
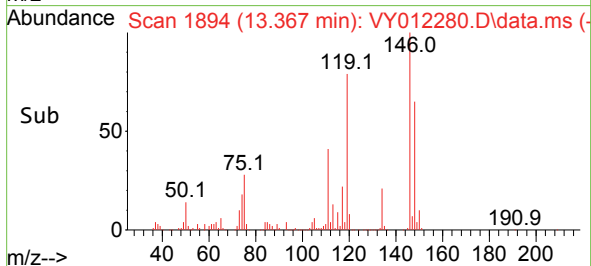
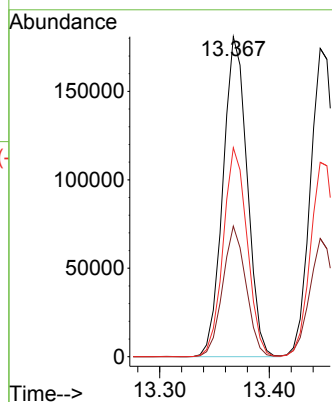
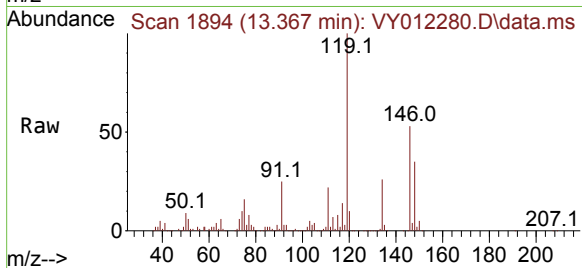
Tgt Ion:146 Resp: 277665

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 64.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 50.838 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

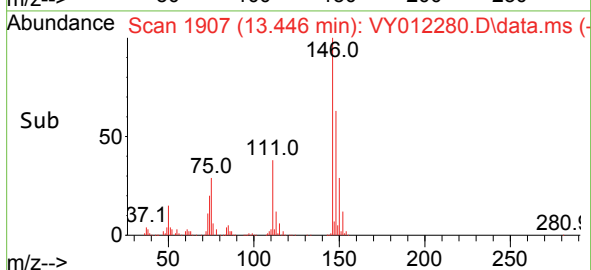
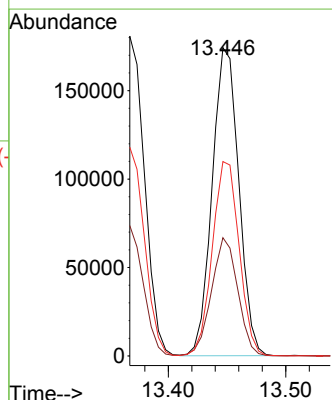
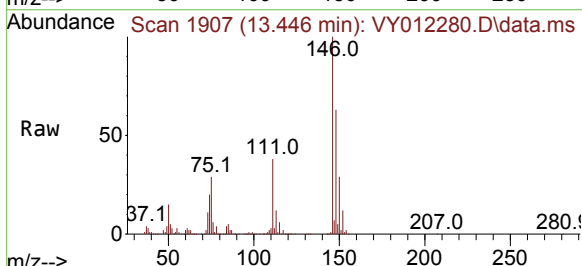
Tgt Ion:146 Resp: 274380

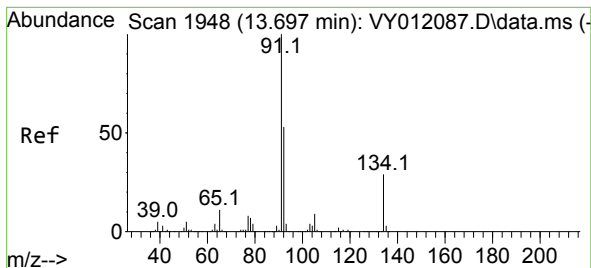
Ion Ratio Lower Upper

146 100

111 37.9 19.6 58.7

148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 53.472 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

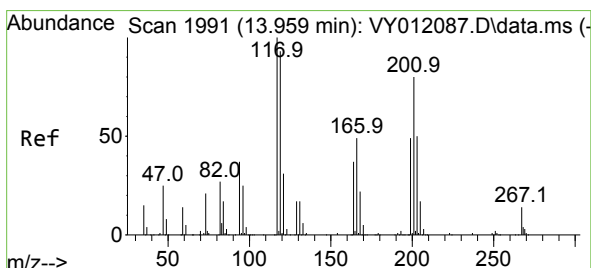
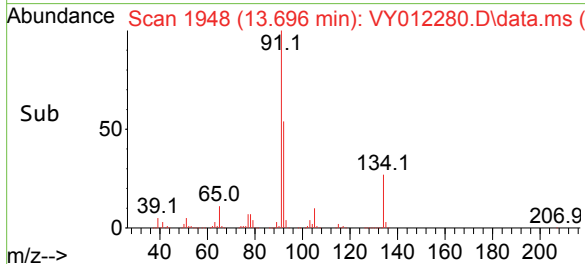
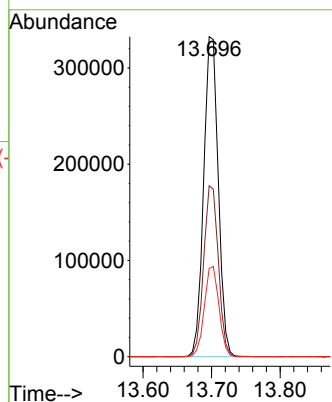
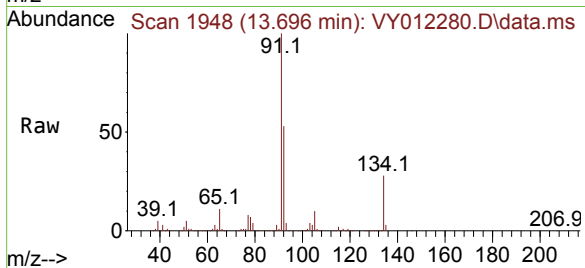
Tgt Ion: 91 Resp: 493877

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.4

134 28.2 13.3 39.8



#90

Hexachloroethane

Concen: 53.491 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012280.D

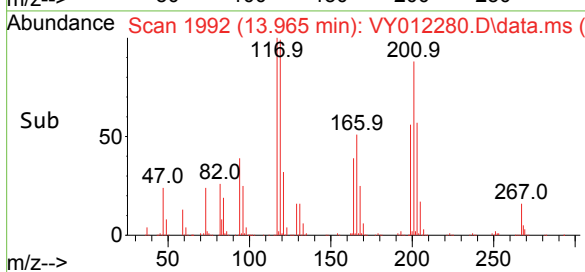
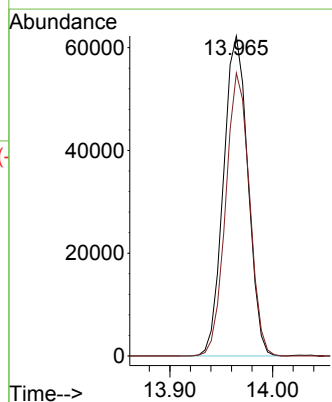
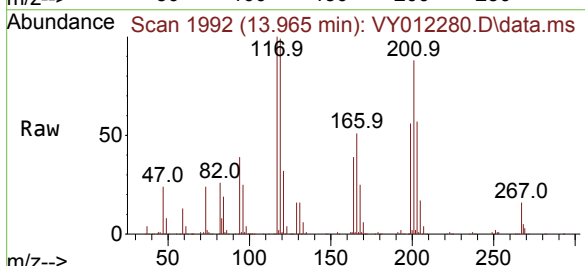
Acq: 20 Jan 2023 10:34

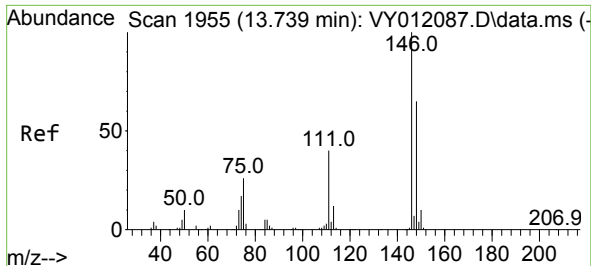
Tgt Ion: 117 Resp: 102918

Ion Ratio Lower Upper

117 100

201 86.0 40.3 120.8

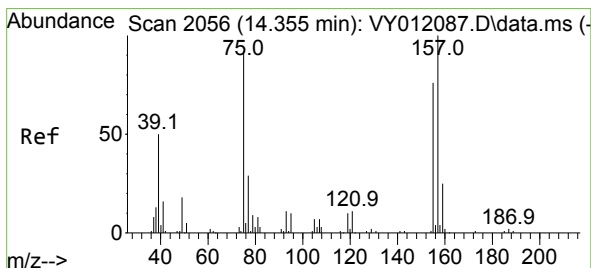
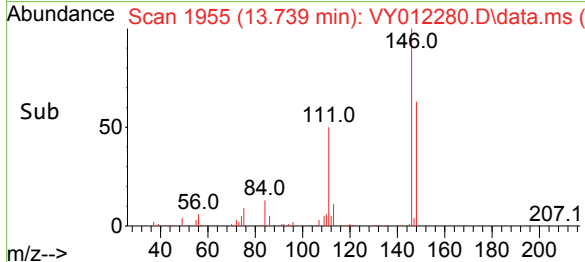
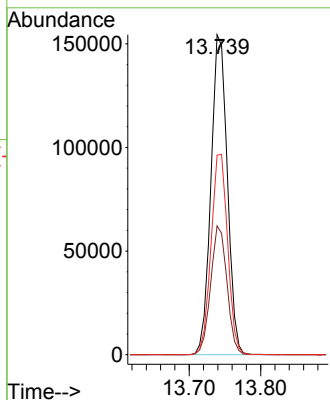
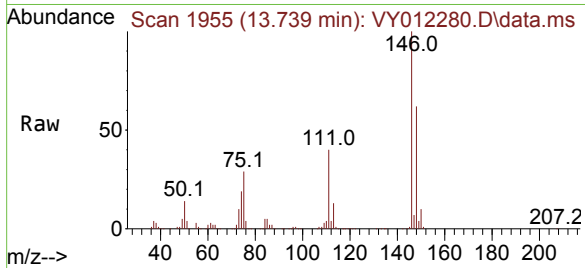




#91
1,2-Dichlorobenzene
Concen: 50.825 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

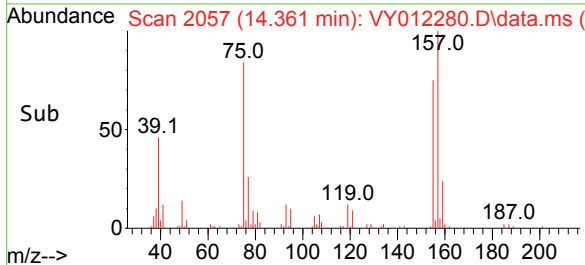
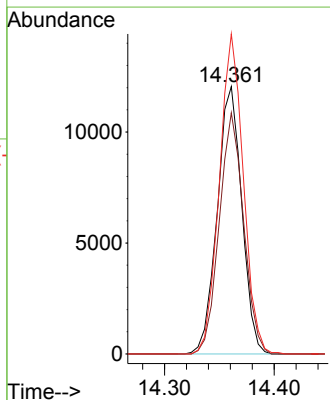
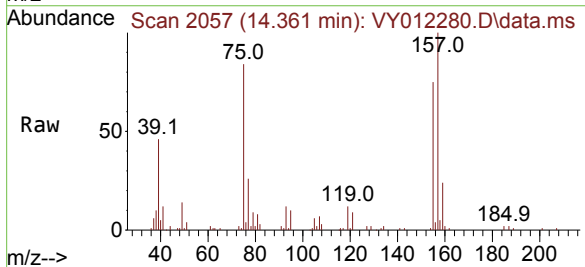
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

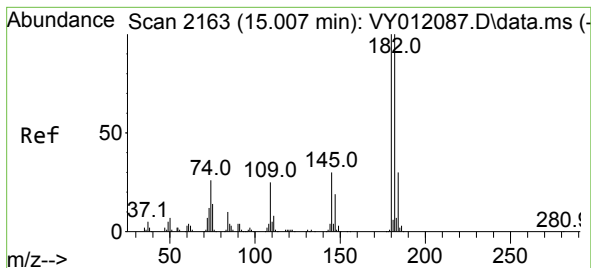
Tgt Ion:146 Resp: 245431
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.8
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.818 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012280.D
Acq: 20 Jan 2023 10:34

Tgt Ion: 75 Resp: 18706
Ion Ratio Lower Upper
75 100
155 89.2 42.3 126.8
157 117.0 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 51.480 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

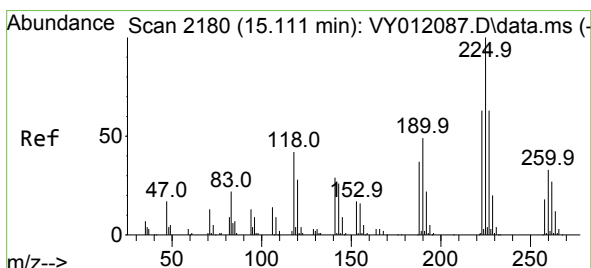
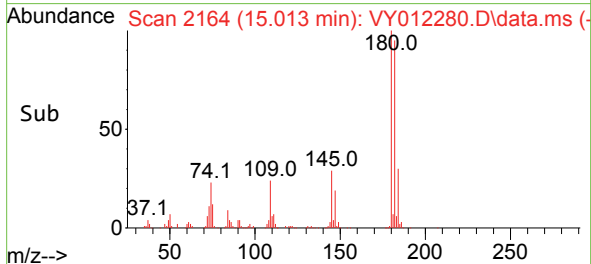
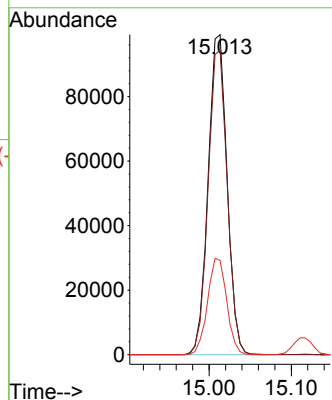
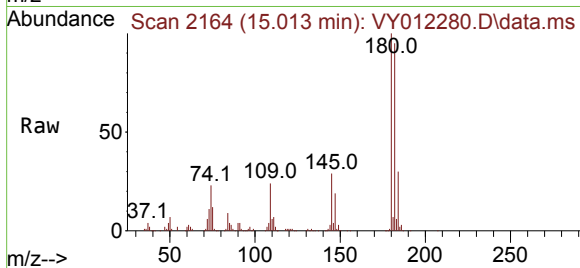
Tgt Ion:180 Resp: 159284

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.3

145 30.5 15.4 46.4



#94

Hexachlorobutadiene

Concen: 52.571 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

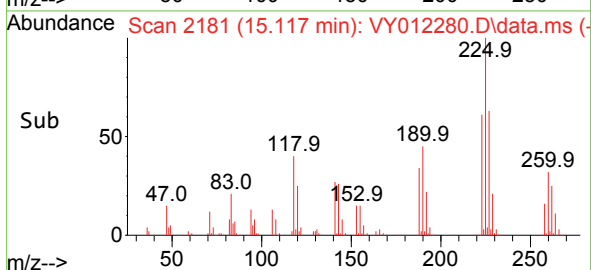
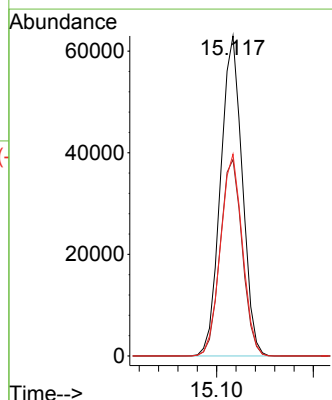
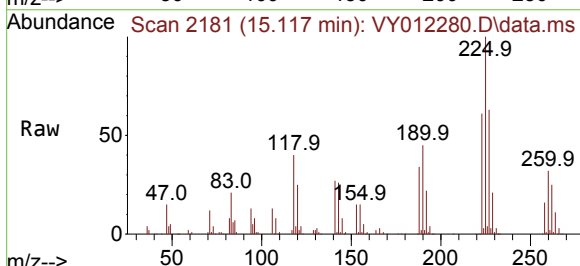
Tgt Ion:225 Resp: 97935

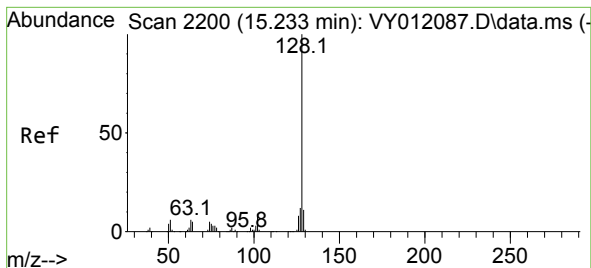
Ion Ratio Lower Upper

225 100

223 62.2 31.4 94.2

227 63.6 32.6 97.8





#95

Naphthalene

Concen: 51.999 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

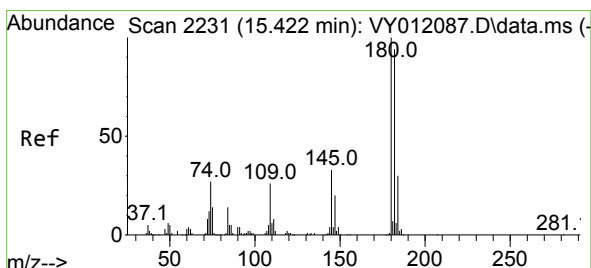
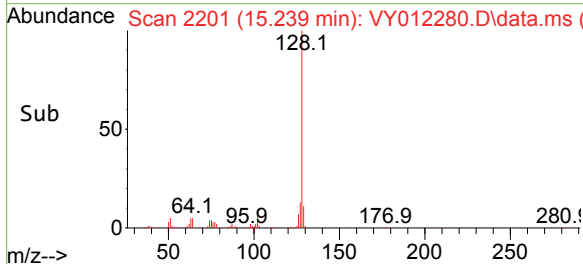
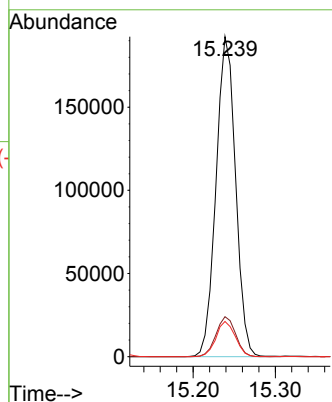
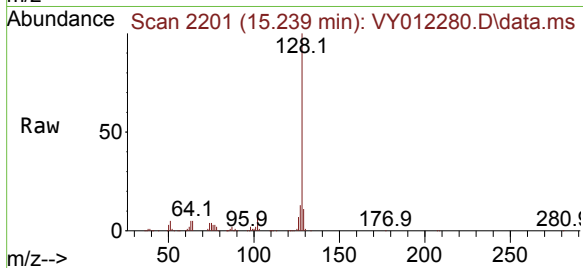
Tgt Ion:128 Resp: 317566

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.763 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012280.D

Acq: 20 Jan 2023 10:34

Tgt Ion:180 Resp: 137823

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 32.9 16.1 48.2

