

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013838.D
 Acq On : 24 May 2023 11:31
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: May 25 07:06:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	258926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	353527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141817	47.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.680%
35) Dibromofluoromethane	7.716	113	126068	48.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.179	98	461808	46.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.483	95	153418	46.829	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.660%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	116511	49.125	ug/l	99
3) Chloromethane	2.119	50	144901	50.149	ug/l	97
4) Vinyl Chloride	2.260	62	145802	49.343	ug/l	98
5) Bromomethane	2.656	94	99760	42.485	ug/l	97
6) Chloroethane	2.802	64	90293	46.894	ug/l	100
7) Trichlorofluoromethane	3.131	101	234311	47.116	ug/l	99
8) Diethyl Ether	3.534	74	73551	48.219	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	126580	46.953	ug/l	99
10) Methyl Iodide	4.101	142	165469	51.701	ug/l	99
11) Tert butyl alcohol	4.966	59	58889	256.623	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	120872	47.724	ug/l	94
13) Acrolein	3.735	56	78487	227.381	ug/l	97
14) Allyl chloride	4.485	41	230063	49.756	ug/l	98
15) Acrylonitrile	5.168	53	197622	252.685	ug/l	100
16) Acetone	3.954	43	245419	276.041	ug/l	99
17) Carbon Disulfide	4.198	76	380016	50.266	ug/l	99
18) Methyl Acetate	4.479	43	153850	49.880	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	343286	49.666	ug/l	95
20) Methylene Chloride	4.722	84	155468	49.282	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	135667	49.277	ug/l	97
22) Diisopropyl ether	6.119	45	458831	51.395	ug/l	98
23) Vinyl Acetate	6.064	43	1370166	263.504	ug/l	99
24) 1,1-Dichloroethane	6.021	63	252270	48.403	ug/l	99
25) 2-Butanone	6.984	43	292343	269.473	ug/l	97
26) 2,2-Dichloropropane	6.984	77	218892	46.626	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	149189	48.237	ug/l	98
28) Bromochloromethane	7.332	49	69613	45.505	ug/l	97
29) Tetrahydrofuran	7.350	42	173038	267.150	ug/l	99
30) Chloroform	7.509	83	250475	47.402	ug/l	97
31) Cyclohexane	7.789	56	217562	47.271	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	224341	46.539	ug/l	99
36) 1,1-Dichloropropene	7.917	75	190514	48.234	ug/l	100
37) Ethyl Acetate	7.076	43	117754	48.874	ug/l	99
38) Carbon Tetrachloride	7.905	117	204060	45.429	ug/l	95
39) Methylcyclohexane	9.185	83	223391	48.294	ug/l	98
40) Benzene	8.161	78	537648	47.392	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	163911	124.687	ug/l #	20
42) 1,2-Dichloroethane	8.240	62	173464	46.700	ug/l	99
43) Isopropyl Acetate	8.271	43	215345	49.048	ug/l	99
44) Trichloroethene	8.941	130	139321	45.583	ug/l	95
45) 1,2-Dichloropropane	9.216	63	140573	48.370	ug/l	99
46) Dibromomethane	9.307	93	79467	47.745	ug/l	98
47) Bromodichloromethane	9.496	83	190274	46.910	ug/l	99
48) Methyl methacrylate	9.295	41	103925	50.408	ug/l	99
49) 1,4-Dioxane	9.301	88	19635	1003.779	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	594753	254.193	ug/l	99
52) Toluene	10.246	92	330357	47.759	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	201263	48.745	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	221365	47.858	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	105990	47.334	ug/l	96
56) Ethyl methacrylate	10.508	69	147165	49.234	ug/l	98
57) 1,3-Dichloropropane	10.788	76	182300	47.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	207989	218.076	ug/l	100
59) 2-Hexanone	10.831	43	435123	261.443	ug/l	100
60) Dibromochloromethane	10.984	129	132284	46.702	ug/l	100
61) 1,2-Dibromoethane	11.087	107	101150	47.485	ug/l	99
64) Tetrachloroethene	10.721	164	118692	45.376	ug/l	95
65) Chlorobenzene	11.520	112	347066	46.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	132500	46.333	ug/l	100
67) Ethyl Benzene	11.593	91	634839	47.611	ug/l	99
68) m/p-Xylenes	11.703	106	480049	95.133	ug/l	99
69) o-Xylene	12.032	106	224377	47.205	ug/l	99
70) Styrene	12.044	104	383154	47.588	ug/l	100
71) Bromoform	12.209	173	87870	47.012	ug/l	97
73) Isopropylbenzene	12.331	105	596212	48.589	ug/l	99
74) N-amyl acetate	12.142	43	189436	51.349	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	127393	50.153	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	166710	85.759	ug/l #	100
77) Bromobenzene	12.611	156	143269	47.585	ug/l	99
78) n-propylbenzene	12.672	91	734940	48.482	ug/l	99
79) 2-Chlorotoluene	12.758	91	403948	47.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	492877	48.661	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	44656	49.865	ug/l	97
82) 4-Chlorotoluene	12.855	91	413670	47.267	ug/l	98
83) tert-Butylbenzene	13.075	119	418894	47.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	480608	48.339	ug/l	100
85) sec-Butylbenzene	13.258	105	630333	48.101	ug/l	98
86) p-Isopropyltoluene	13.373	119	511650	47.240	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	272041	46.782	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	266842	46.091	ug/l	99
89) n-Butylbenzene	13.696	91	494226	47.584	ug/l	99
90) Hexachloroethane	13.965	117	102015	45.875	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	240246	46.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21144	47.512	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	142168	44.374	ug/l	99
94) Hexachlorobutadiene	15.111	225	88451	43.786	ug/l	99
95) Naphthalene	15.239	128	286833	41.606	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	125055	43.892	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

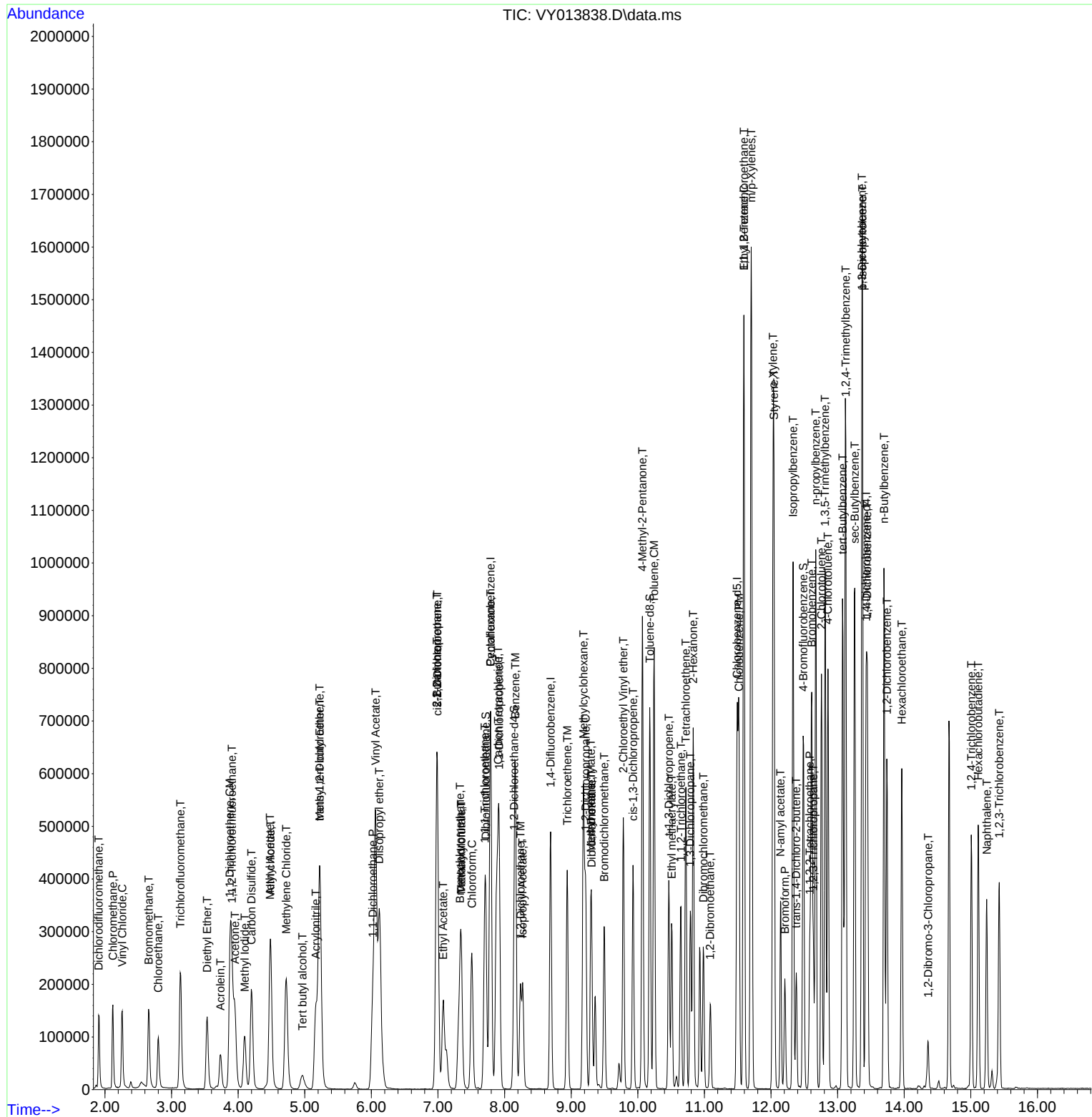
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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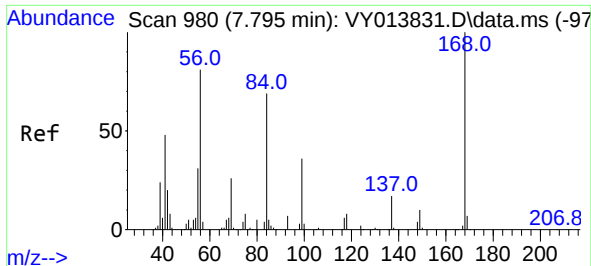
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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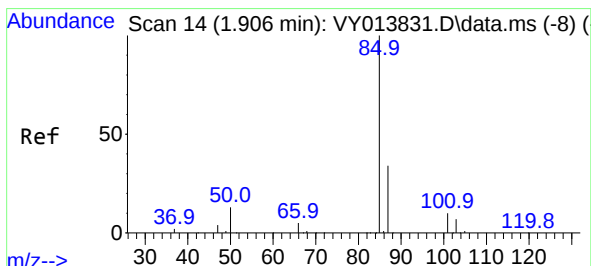
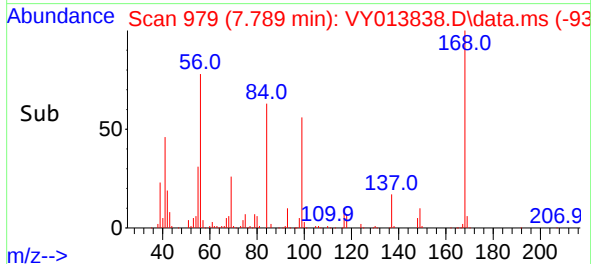
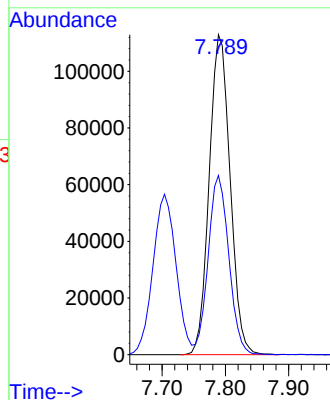
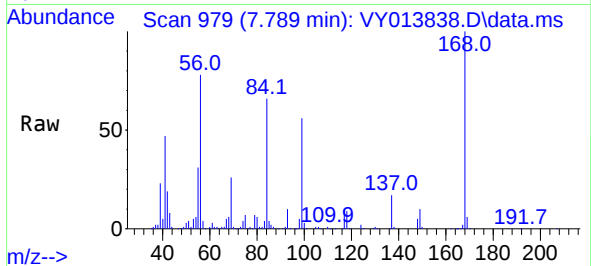




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013838.D
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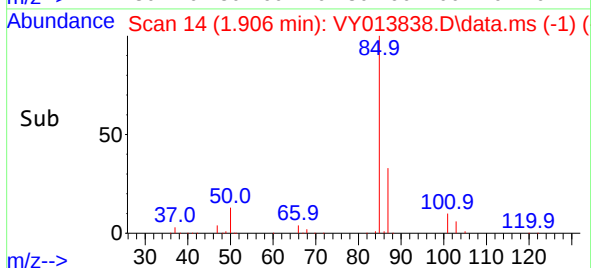
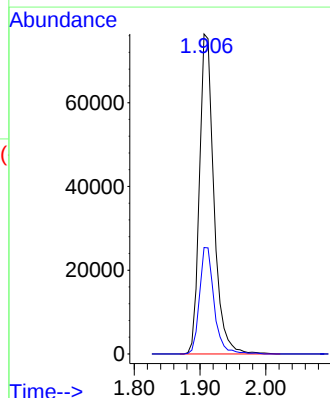
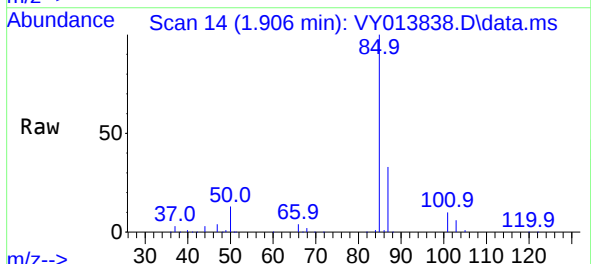
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

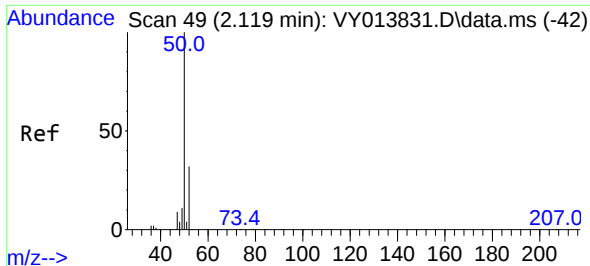
Tgt Ion:168 Resp: 258926
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 49.125 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 85 Resp: 116511
Ion Ratio Lower Upper
85 100
87 33.3 16.9 50.7

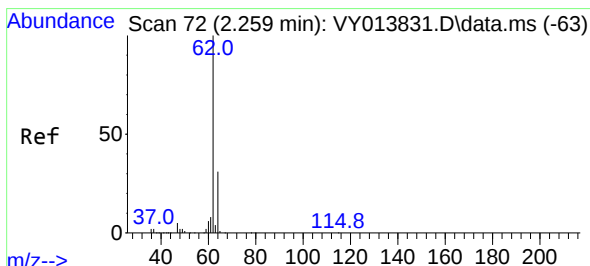
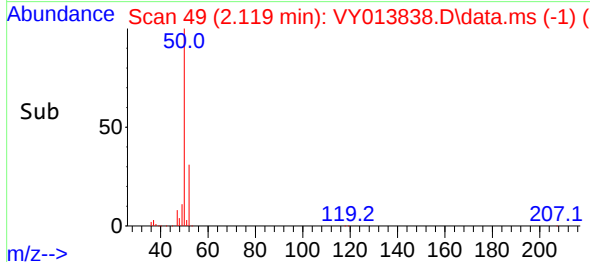
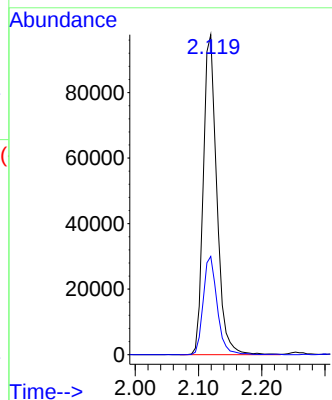
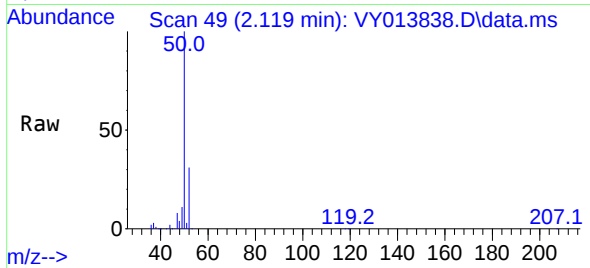




#3
Chloromethane
Concen: 50.149 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

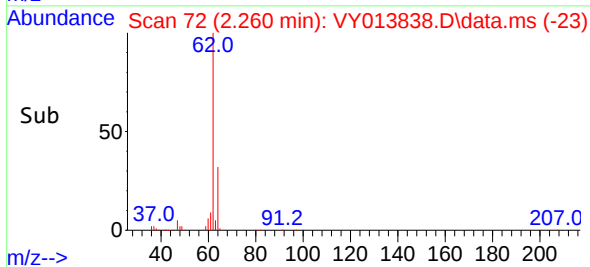
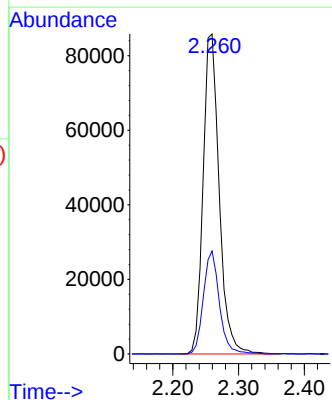
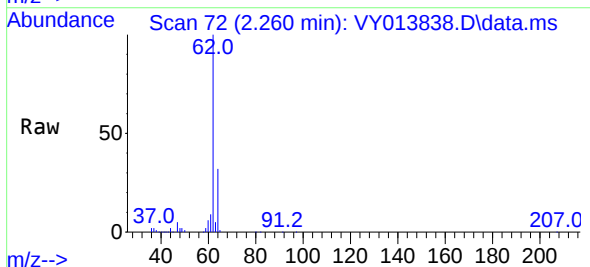
Instrument :
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ClientSampleId :
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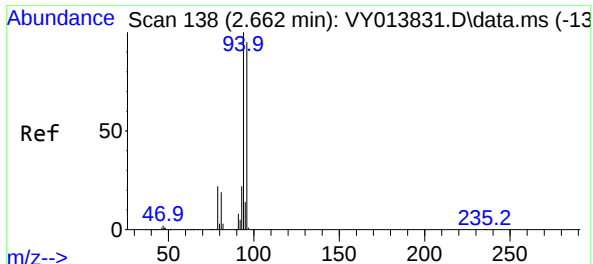
Tgt Ion: 50 Resp: 144901
Ion Ratio Lower Upper
50 100
52 30.7 25.7 38.5



#4
Vinyl Chloride
Concen: 49.343 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 62 Resp: 145802
Ion Ratio Lower Upper
62 100
64 32.1 24.8 37.2

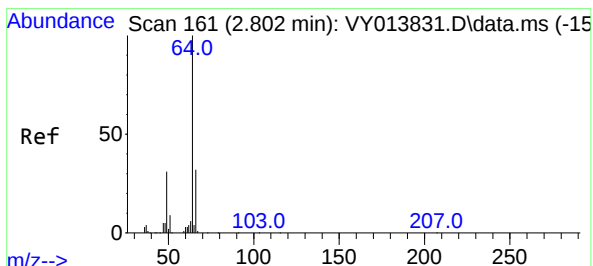
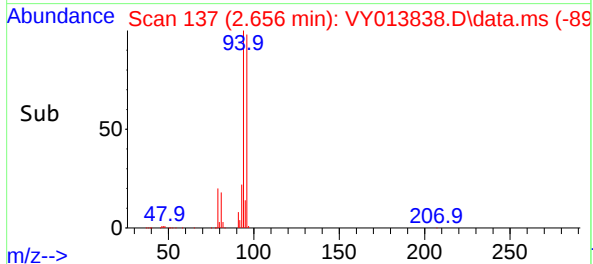
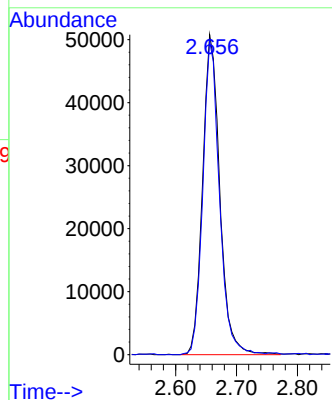
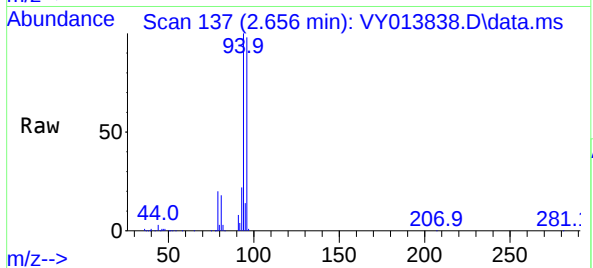




#5
Bromomethane
Concen: 42.485 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

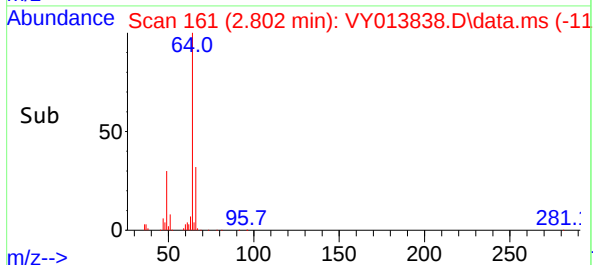
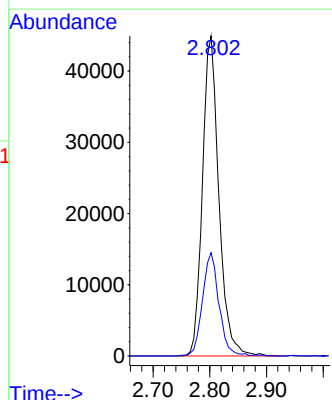
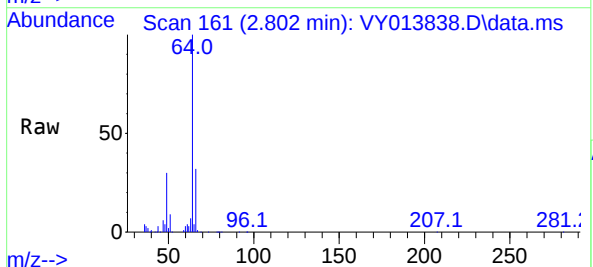
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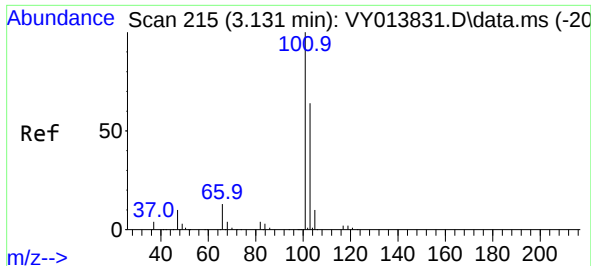
Tgt Ion: 94 Resp: 99760
Ion Ratio Lower Upper
94 100
96 98.0 76.2 114.2



#6
Chloroethane
Concen: 46.894 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 64 Resp: 90293
Ion Ratio Lower Upper
64 100
66 32.3 25.7 38.5

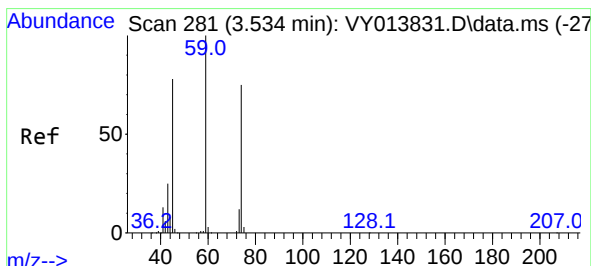
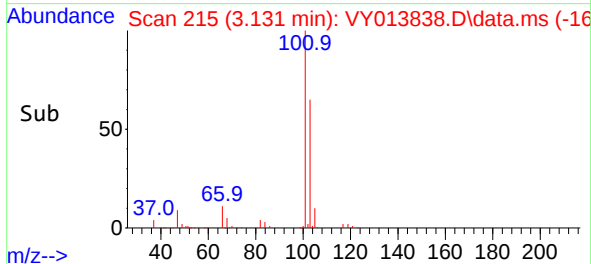
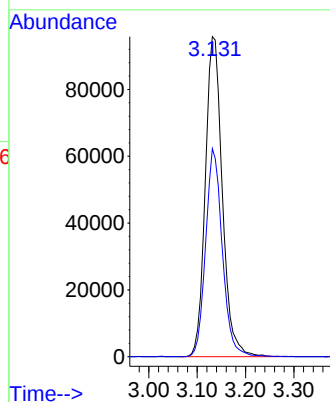
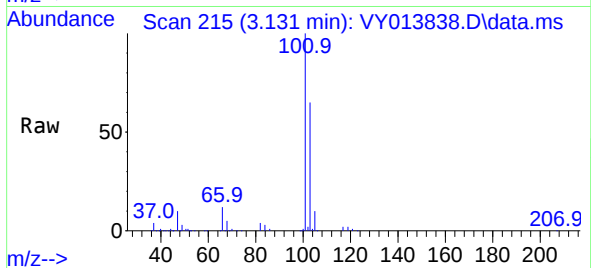




#7
Trichlorofluoromethane
Concen: 47.116 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

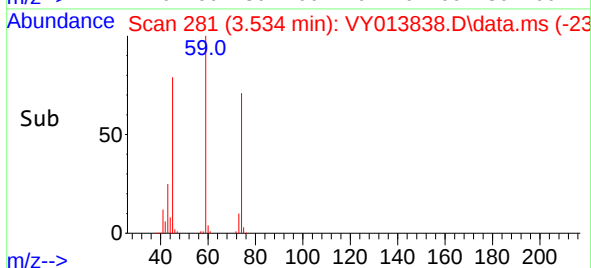
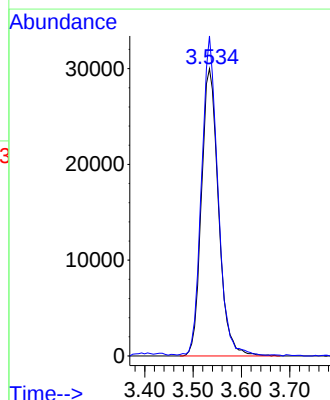
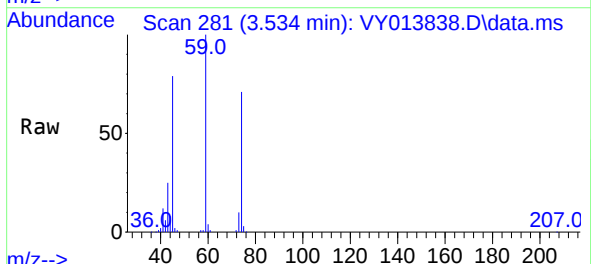
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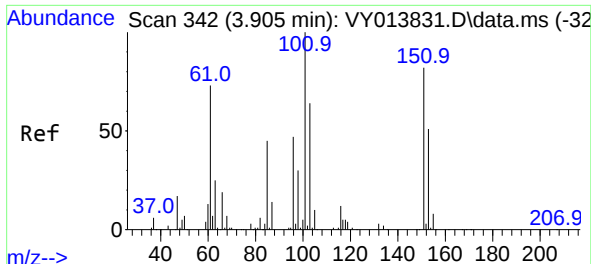
Tgt Ion:101 Resp: 234311
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9



#8
Diethyl Ether
Concen: 48.219 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 74 Resp: 73551
Ion Ratio Lower Upper
74 100
45 106.2 51.8 155.5

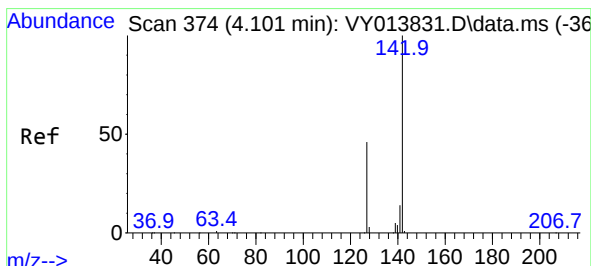
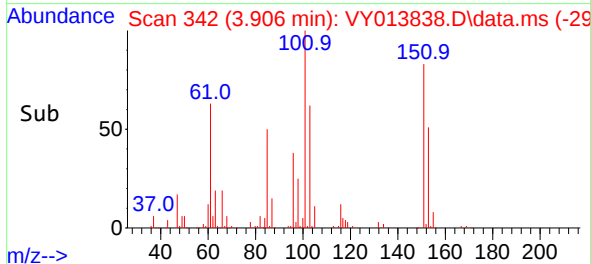
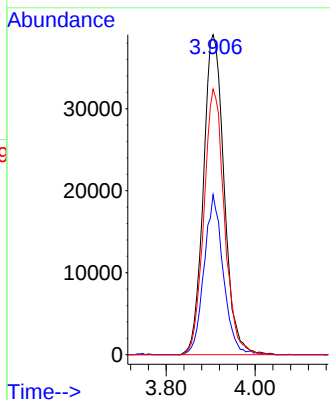
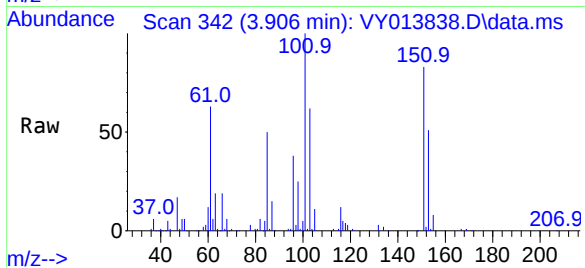




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.953 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

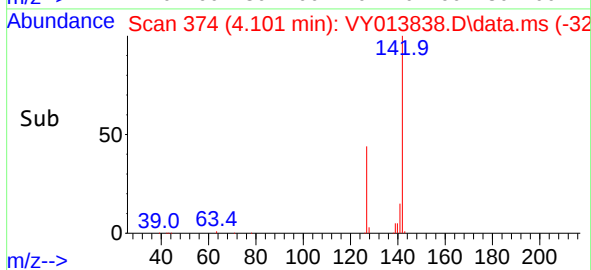
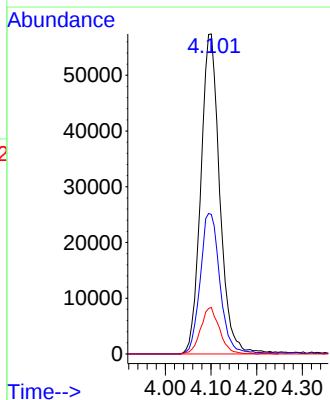
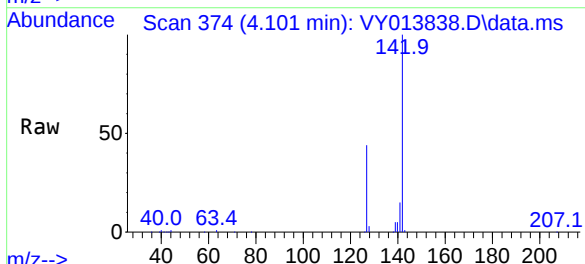
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

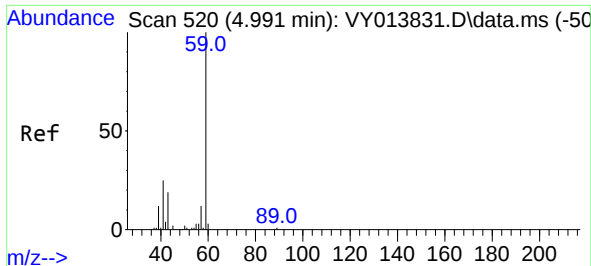
Tgt Ion:101 Resp: 126580
Ion Ratio Lower Upper
101 100
85 46.4 37.4 56.2
151 82.2 66.6 100.0



#10
Methyl Iodide
Concen: 51.701 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:142 Resp: 165469
Ion Ratio Lower Upper
142 100
127 45.6 37.0 55.4
141 14.4 11.8 17.6

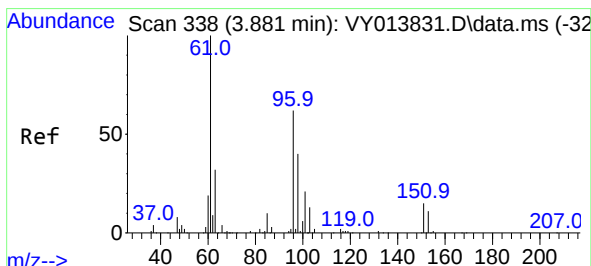
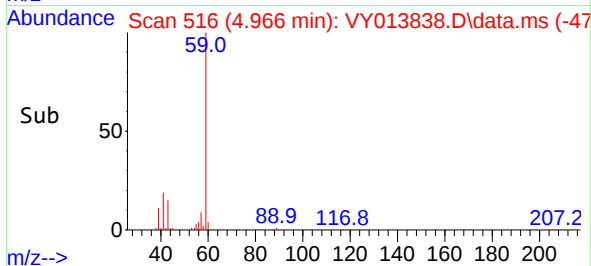
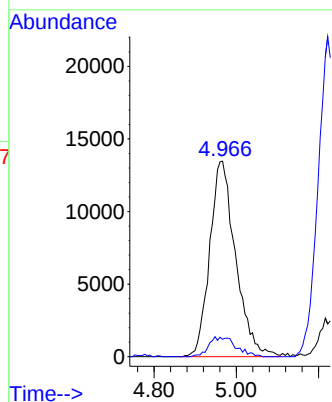
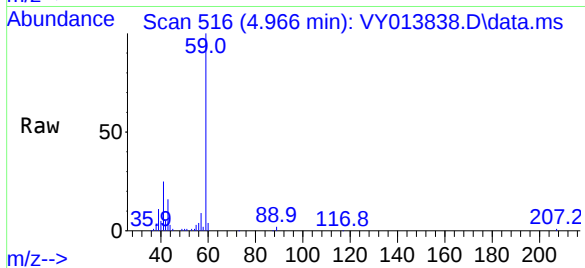




#11
Tert butyl alcohol
Concen: 256.623 ug/l
RT: 4.966 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

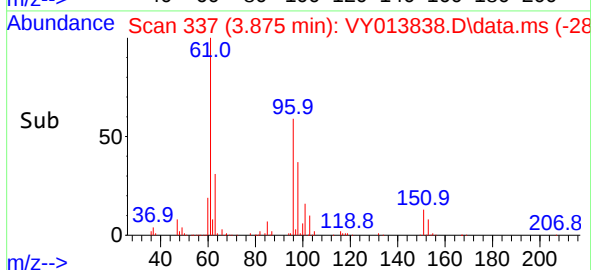
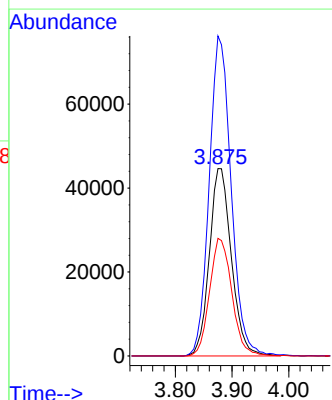
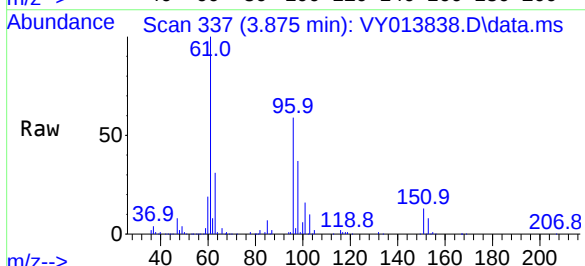
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

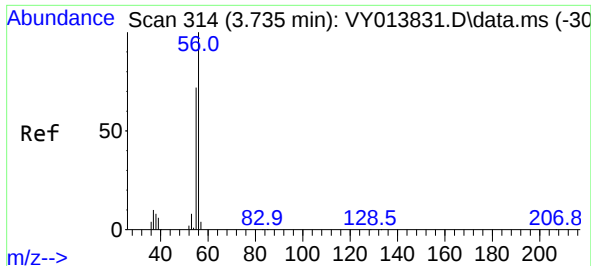
Tgt Ion: 59 Resp: 58889
Ion Ratio Lower Upper
59 100
57 3.9 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 47.724 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 96 Resp: 120872
Ion Ratio Lower Upper
96 100
61 170.8 129.0 193.4
98 62.8 52.0 78.0

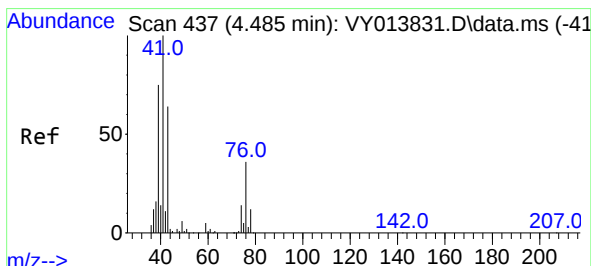
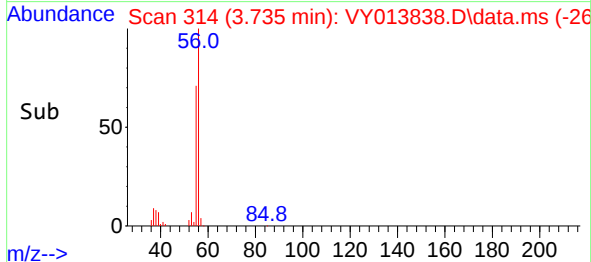
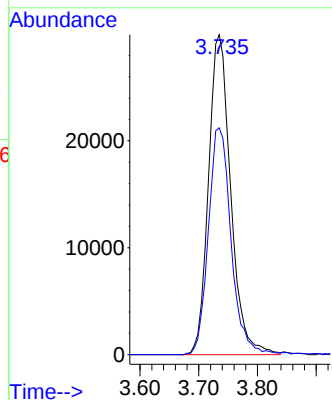
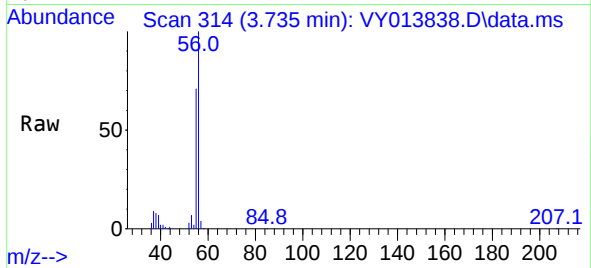




#13
Acrolein
Concen: 227.381 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

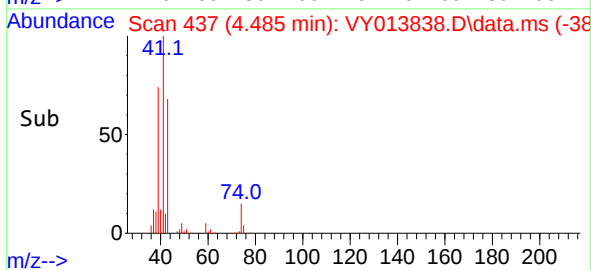
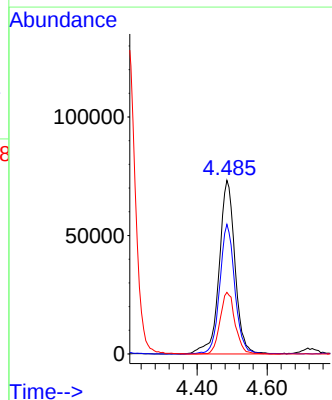
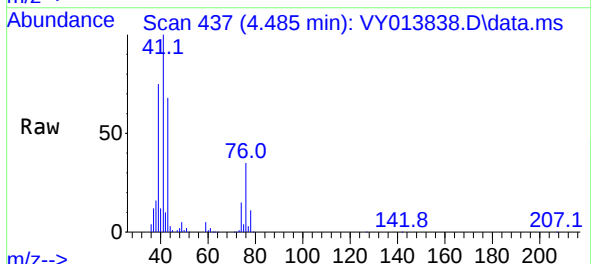
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

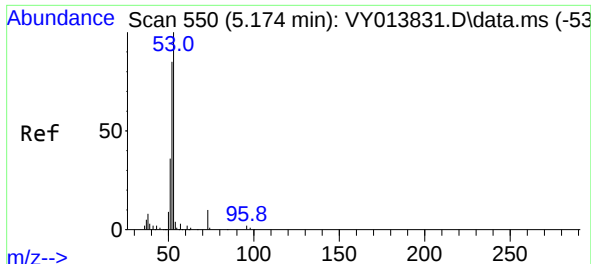
Tgt Ion: 56 Resp: 78487
Ion Ratio Lower Upper
56 100
55 72.5 56.2 84.2



#14
Allyl chloride
Concen: 49.756 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 41 Resp: 230063
Ion Ratio Lower Upper
41 100
39 71.1 58.3 87.5
76 33.6 28.0 42.0



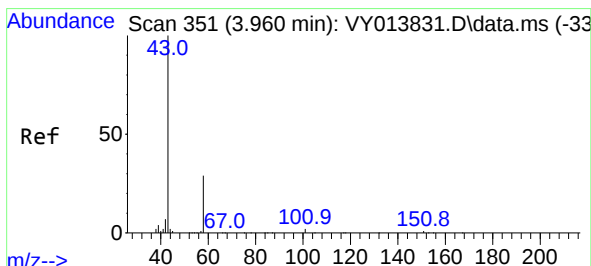
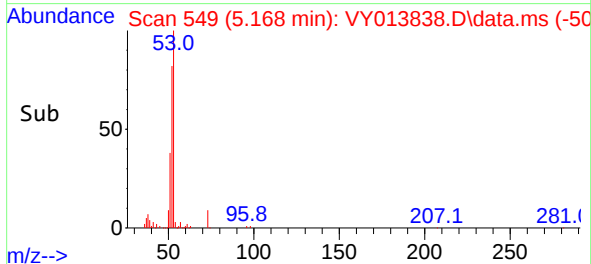
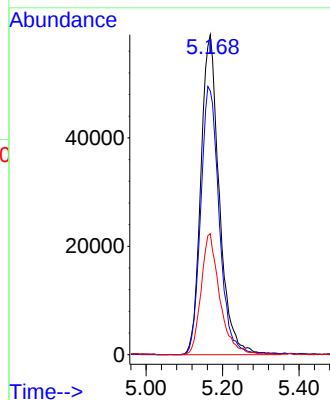
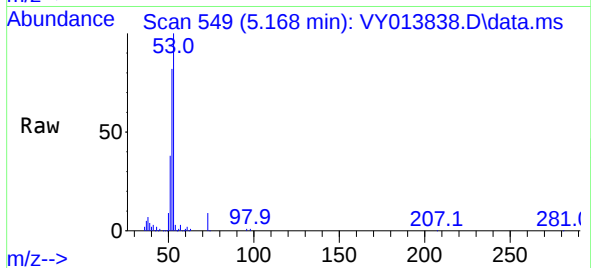


#15
Acrylonitrile
Concen: 252.685 ug/l
RT: 5.168 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 197622

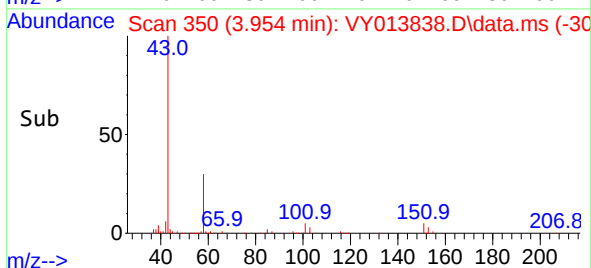
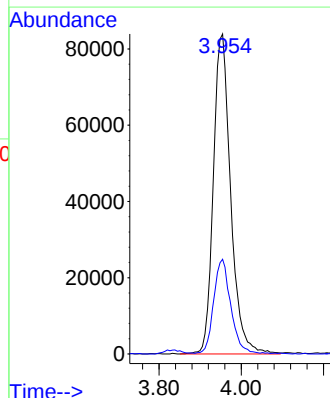
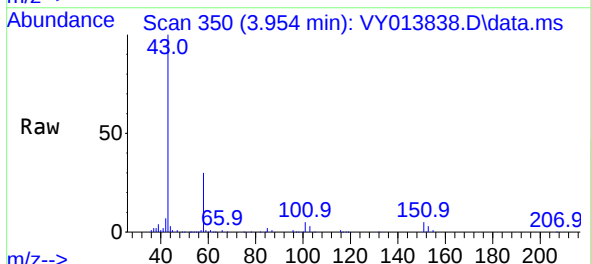
Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.2	100.8
51	38.2	30.2	45.2

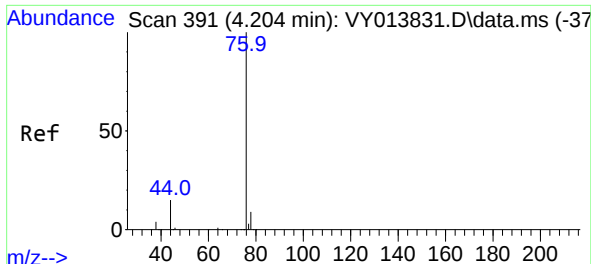


#16
Acetone
Concen: 276.041 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 43 Resp: 245419

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.3	34.9

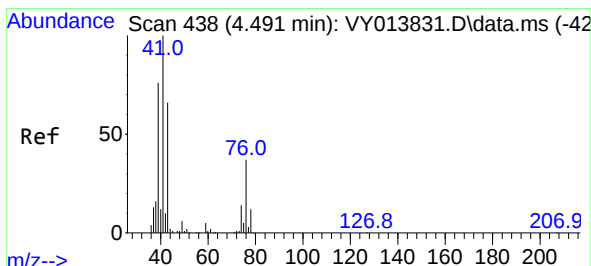
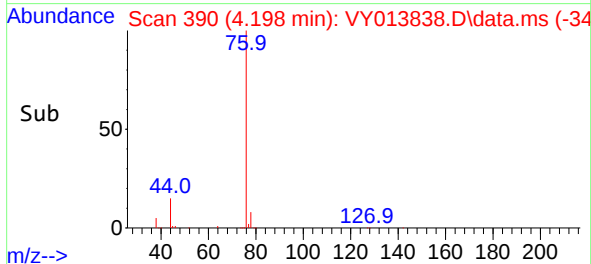
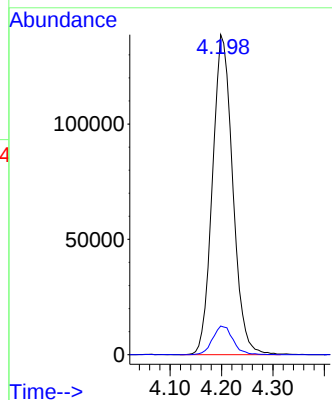
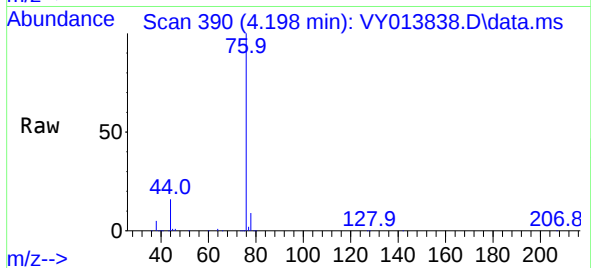




#17
Carbon Disulfide
Concen: 50.266 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

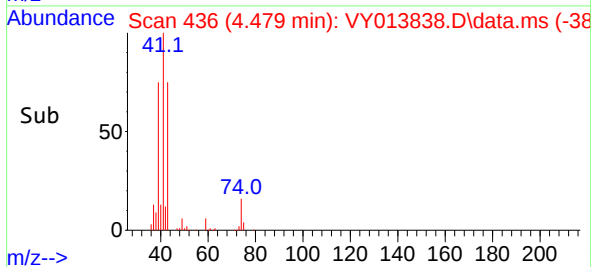
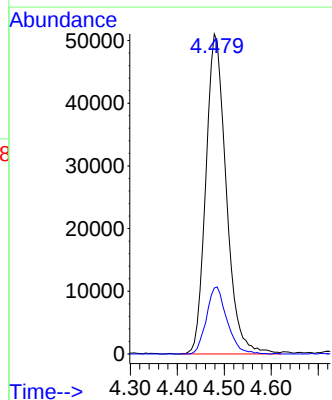
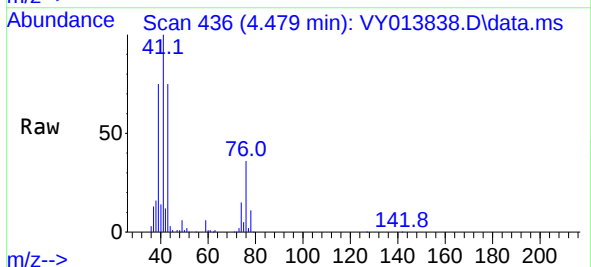
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

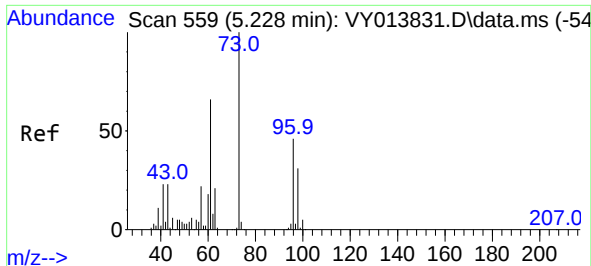
Tgt Ion: 76 Resp: 380016
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 49.880 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 43 Resp: 153850
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.0

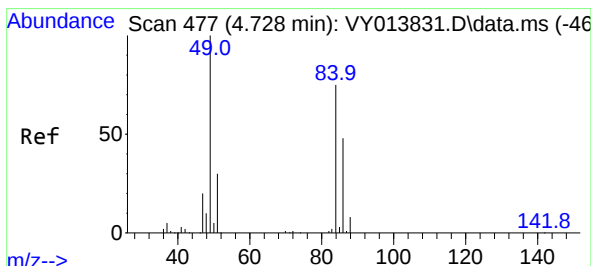
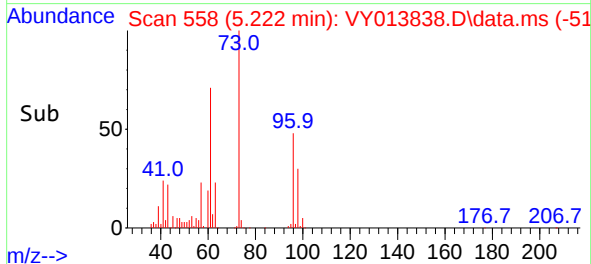
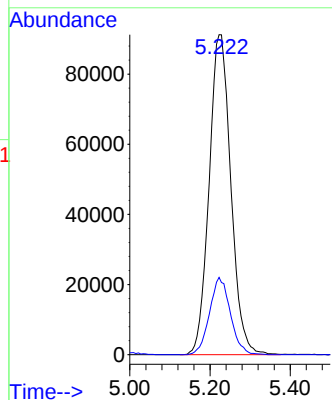
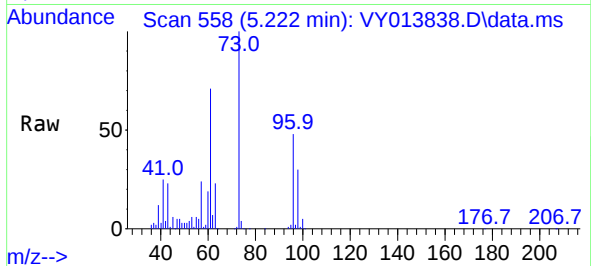




#19
Methyl tert-butyl Ether
Concen: 49.666 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

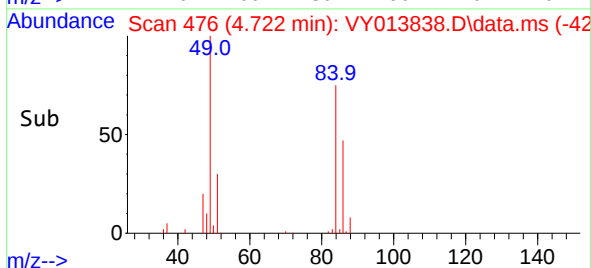
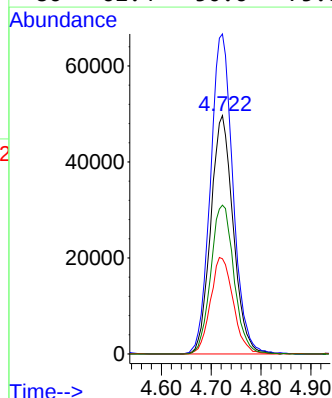
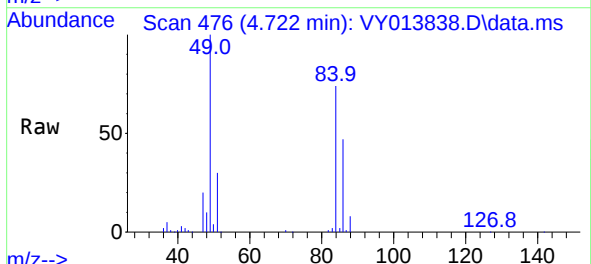
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

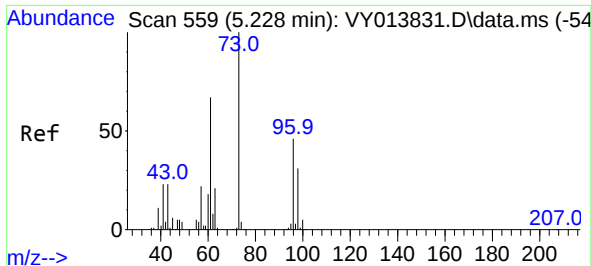
Tgt Ion: 73 Resp: 343286
Ion Ratio Lower Upper
73 100
57 24.2 17.4 26.2



#20
Methylene Chloride
Concen: 49.282 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 84 Resp: 155468
Ion Ratio Lower Upper
84 100
49 134.2 106.2 159.2
51 39.9 31.4 47.0
86 62.4 50.6 75.8

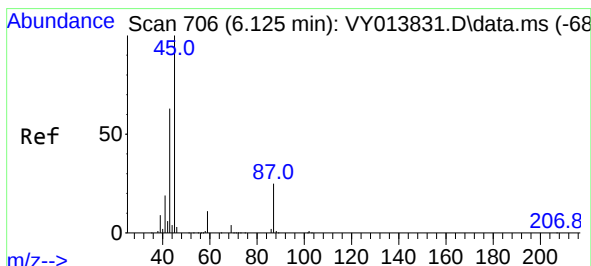
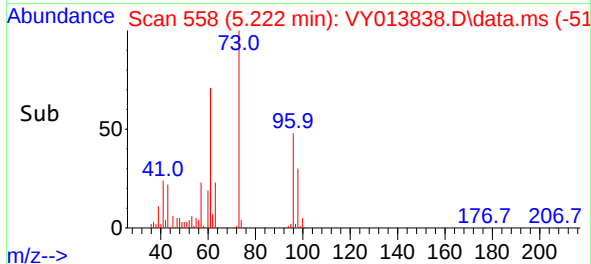
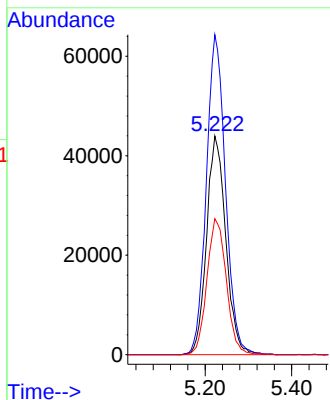
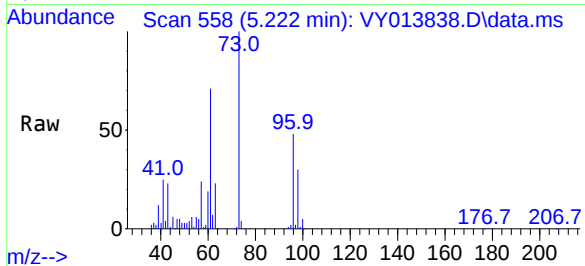




#21
trans-1,2-Dichloroethene
Concen: 49.277 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

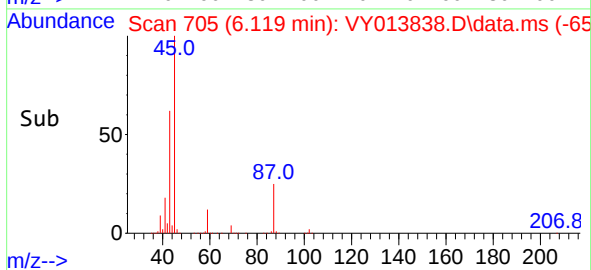
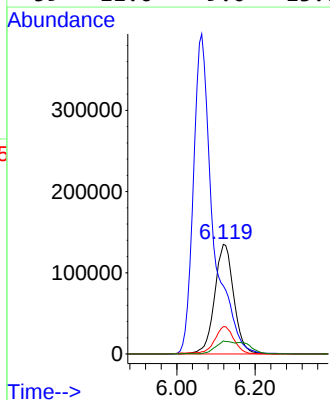
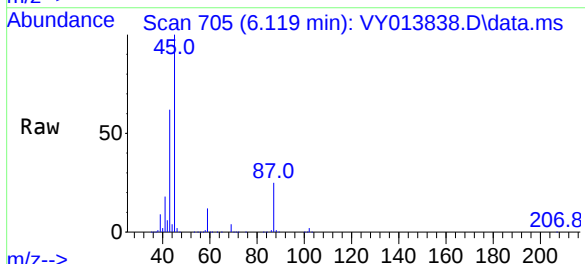
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

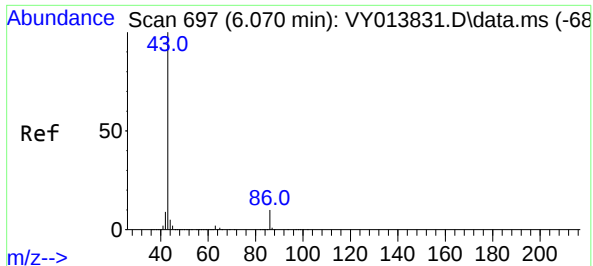
Tgt Ion: 96 Resp: 135667
Ion Ratio Lower Upper
96 100
61 146.3 115.5 173.3
98 62.2 53.7 80.5



#22
Diisopropyl ether
Concen: 51.395 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 45 Resp: 458831
Ion Ratio Lower Upper
45 100
43 61.8 50.6 75.8
87 25.0 20.7 31.1
59 11.6 9.0 13.6

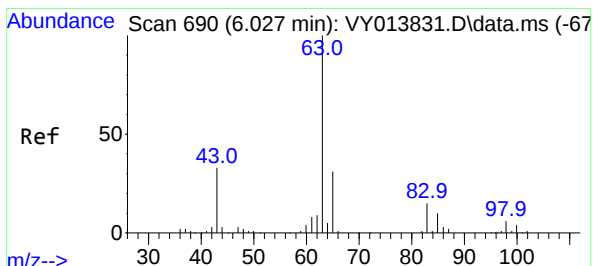
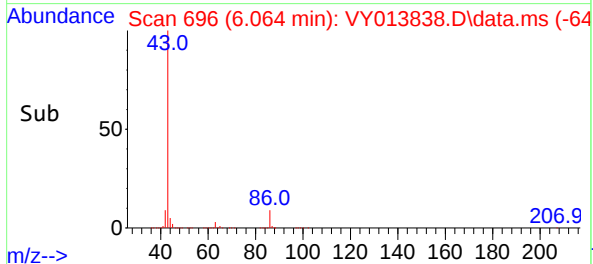
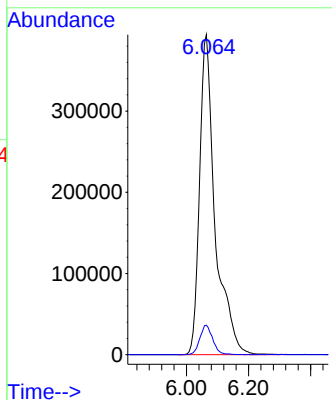
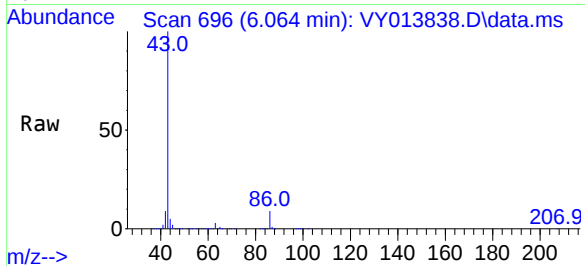




#23
 Vinyl Acetate
 Concen: 263.504 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY013838.D
 Acq: 24 May 2023 11:31

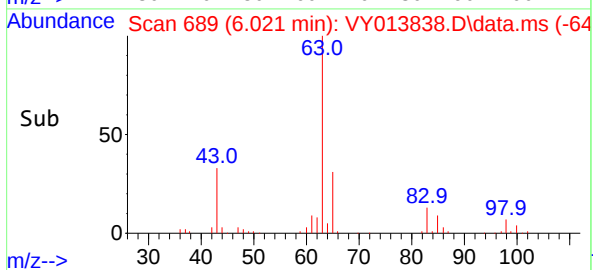
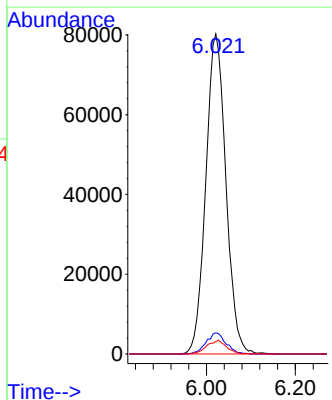
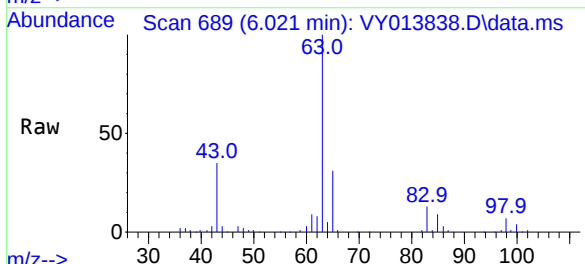
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

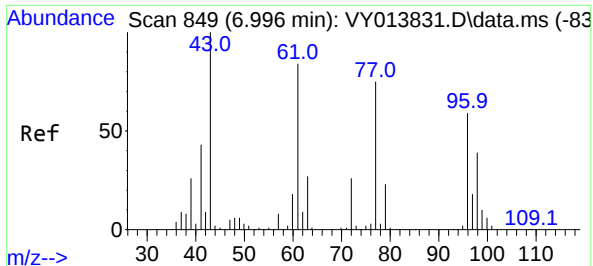
Tgt Ion: 43 Resp: 1370166
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 48.403 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY013838.D
 Acq: 24 May 2023 11:31

Tgt Ion: 63 Resp: 252270
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 3.9 2.1 6.2

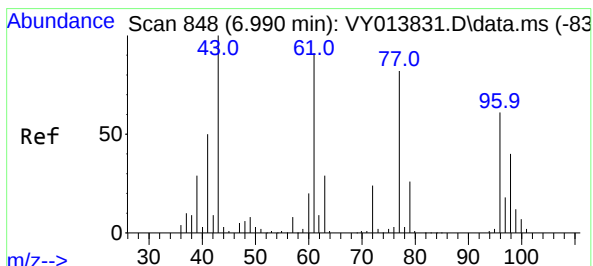
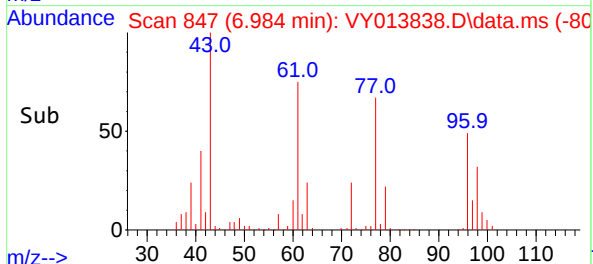
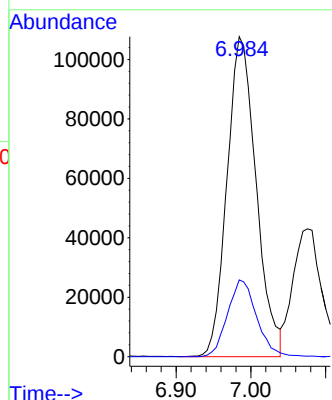
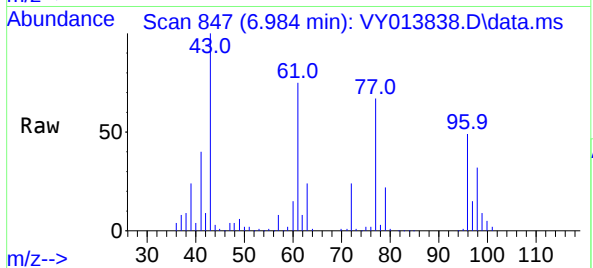




#25
2-Butanone
Concen: 269.473 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

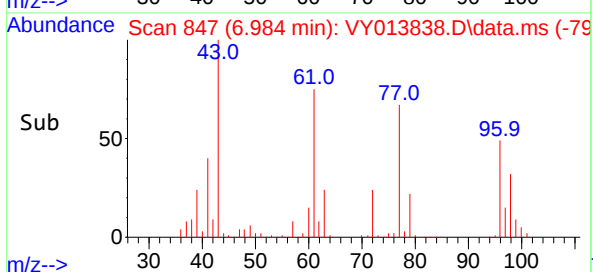
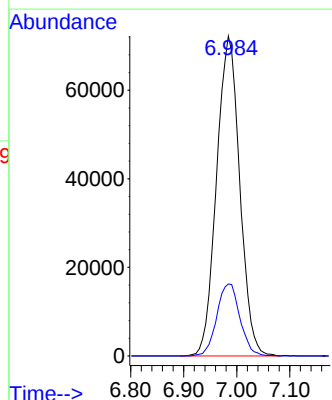
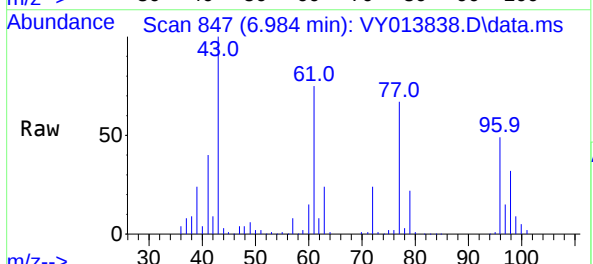
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

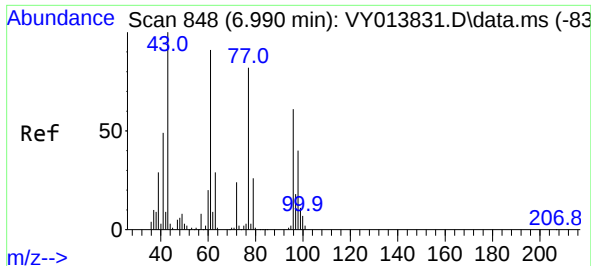
Tgt Ion: 43 Resp: 292343
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.626 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 77 Resp: 218892
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6

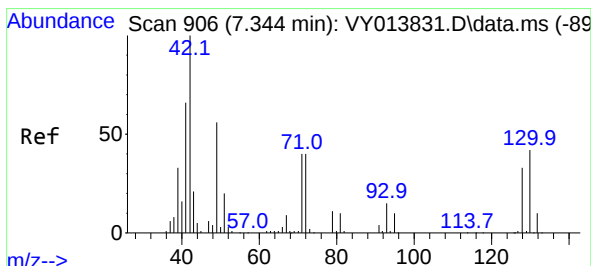
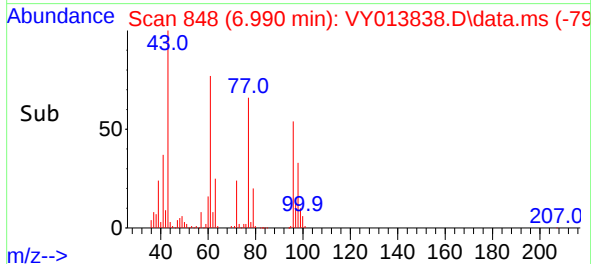
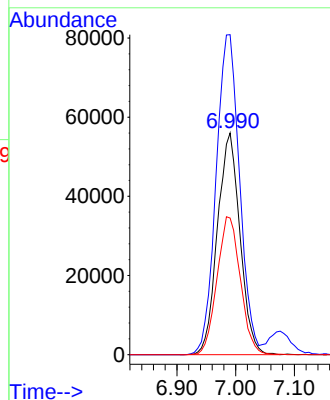
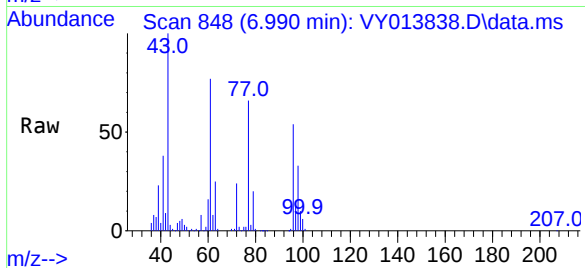




#27
cis-1,2-Dichloroethene
Concen: 48.237 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

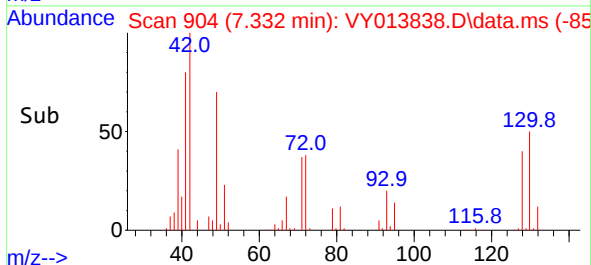
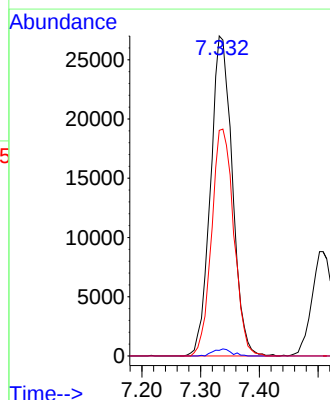
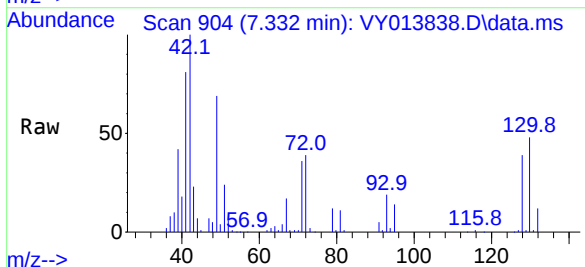
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

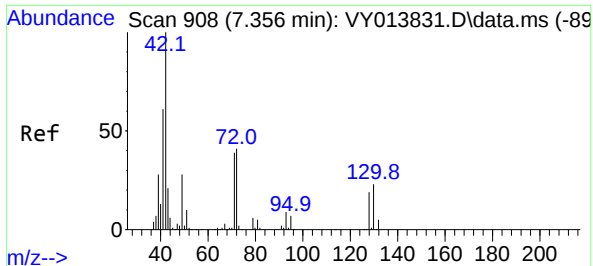
Tgt Ion: 96 Resp: 149189
Ion Ratio Lower Upper
96 100
61 151.2 0.0 296.4
98 64.5 0.0 129.4



#28
Bromochloromethane
Concen: 45.505 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 49 Resp: 69613
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.4
130 72.2 60.2 90.2

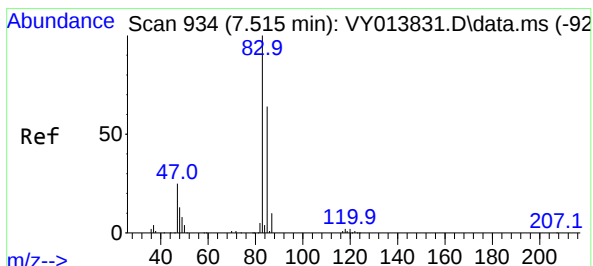
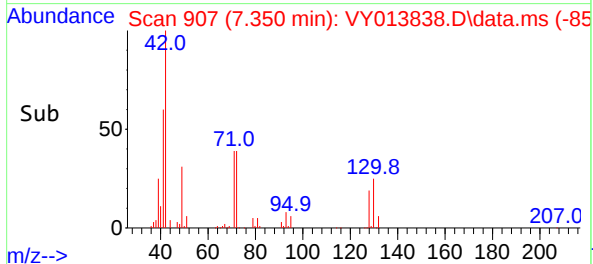
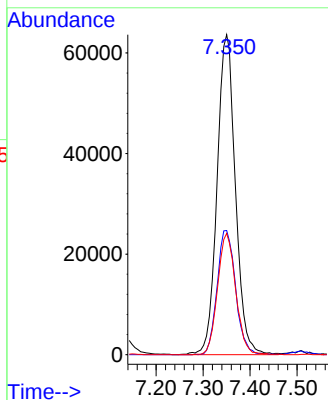
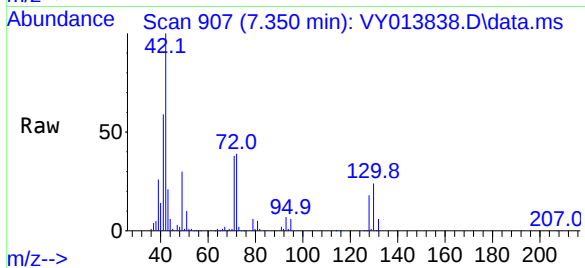




#29
Tetrahydrofuran
Concen: 267.150 ug/l
RT: 7.350 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

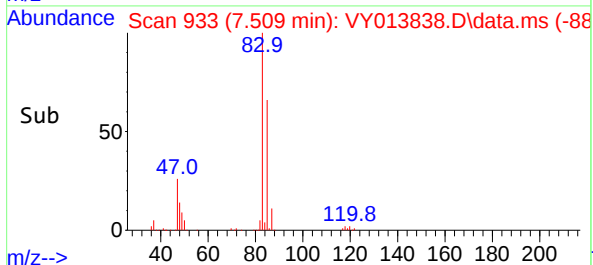
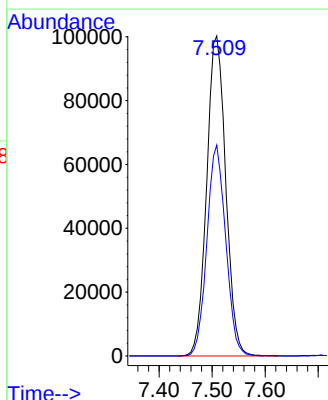
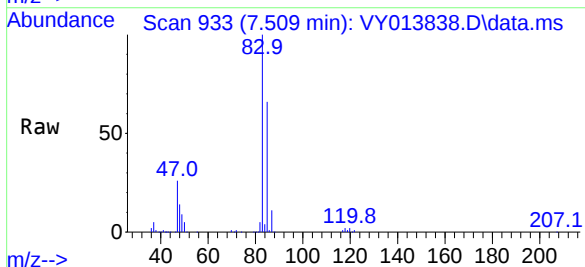
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

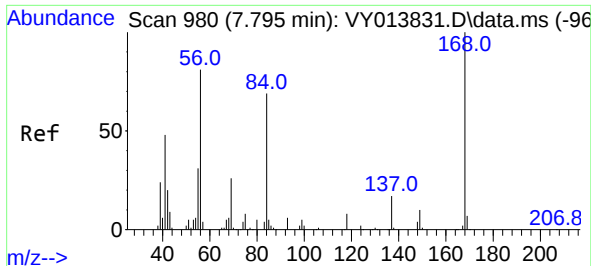
Tgt Ion: 42 Resp: 173038
Ion Ratio Lower Upper
42 100
72 39.1 31.7 47.5
71 37.5 30.6 45.8



#30
Chloroform
Concen: 47.402 ug/l
RT: 7.509 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

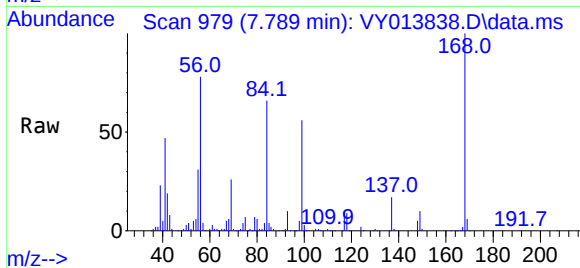
Tgt Ion: 83 Resp: 250475
Ion Ratio Lower Upper
83 100
85 65.9 51.0 76.6



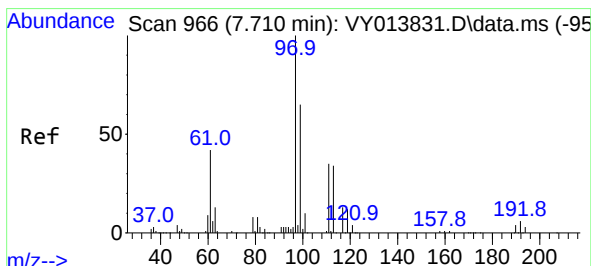
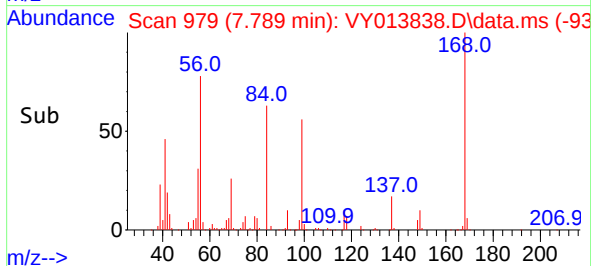
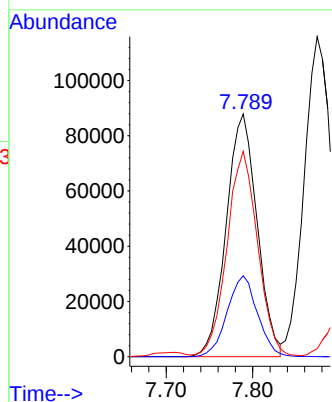


#31
Cyclohexane
Concen: 47.271 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

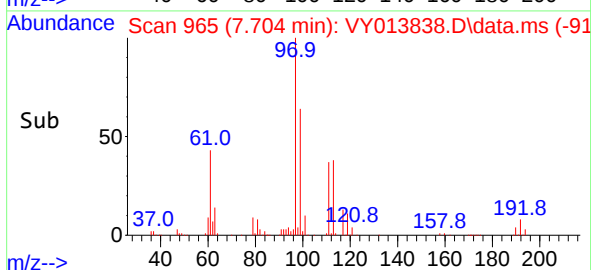
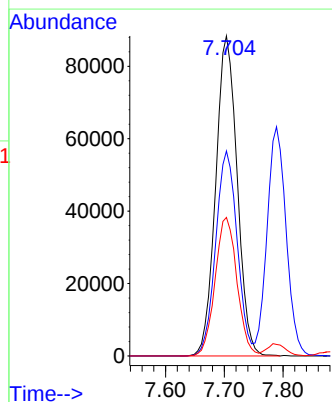
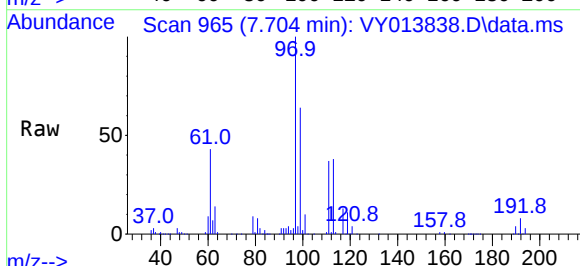


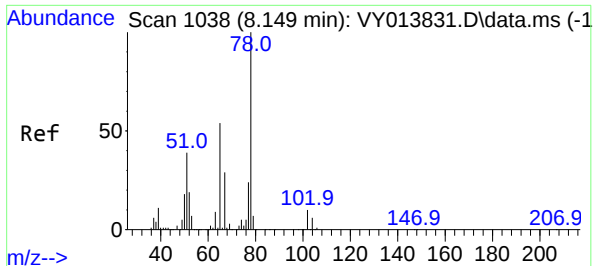
Tgt Ion: 56 Resp: 217562
Ion Ratio Lower Upper
56 100
69 33.3 25.8 38.8
84 83.0 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 46.539 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 97 Resp: 224341
Ion Ratio Lower Upper
97 100
99 64.1 50.5 75.7
61 44.2 35.0 52.4

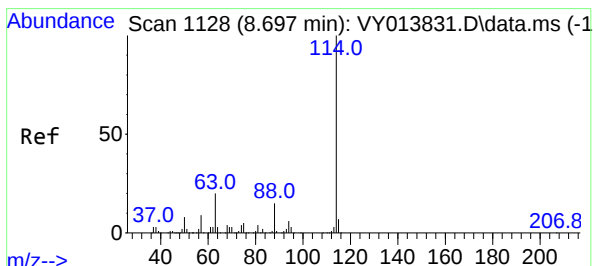
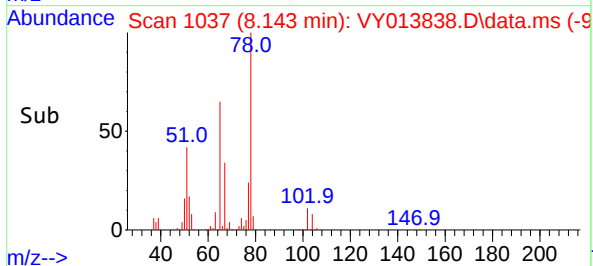
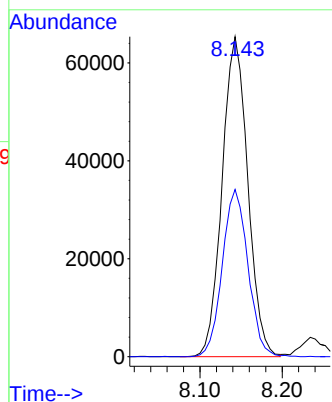
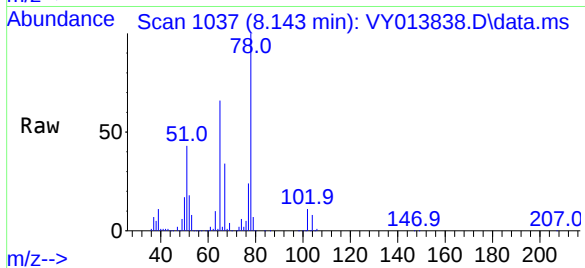




#33
1,2-Dichloroethane-d4
Concen: 47.343 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

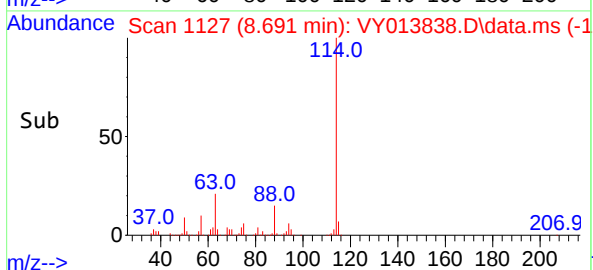
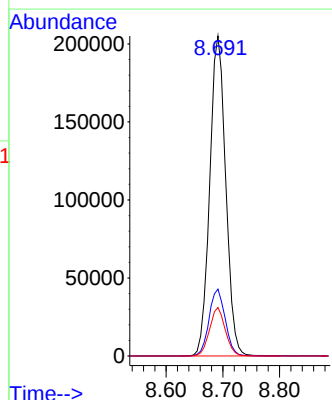
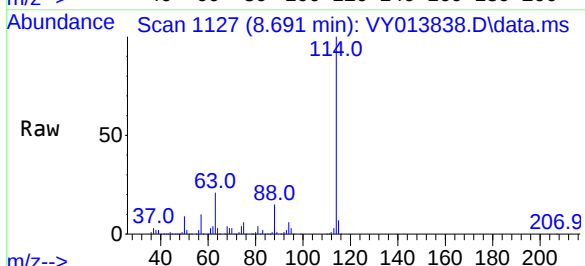
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

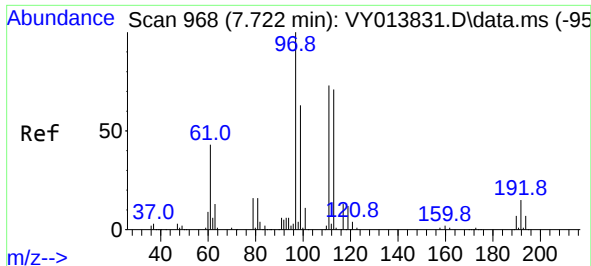
Tgt Ion: 65 Resp: 141817
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 114 Resp: 401550
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.2
88 15.1 0.0 30.0

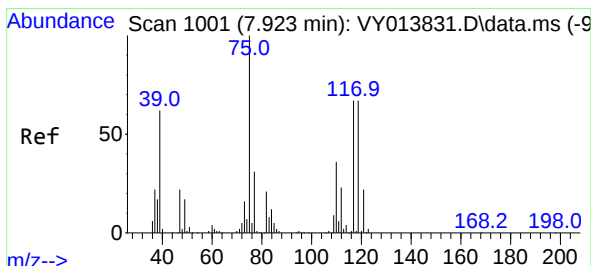
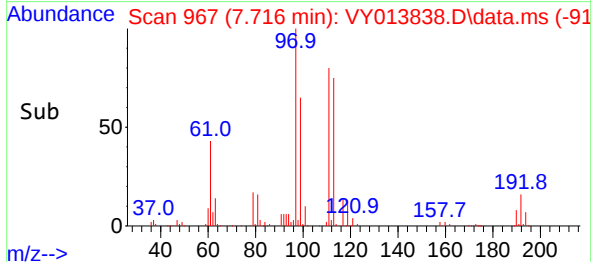
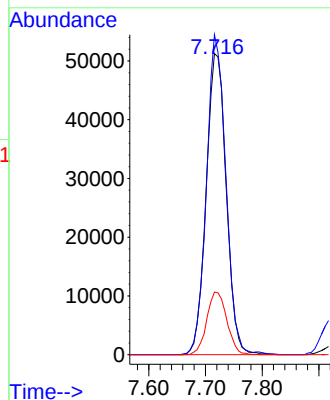
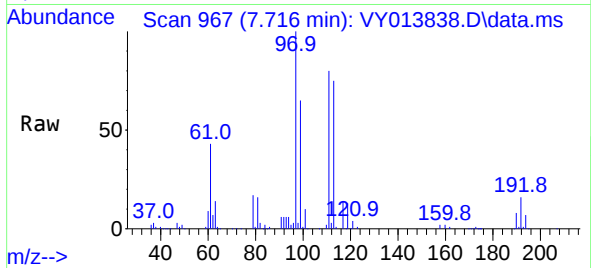




#35
Dibromofluoromethane
Concen: 48.614 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

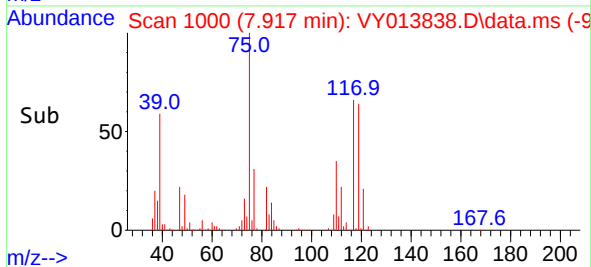
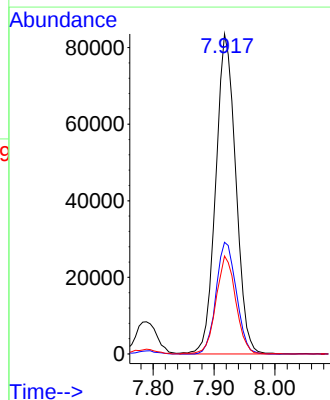
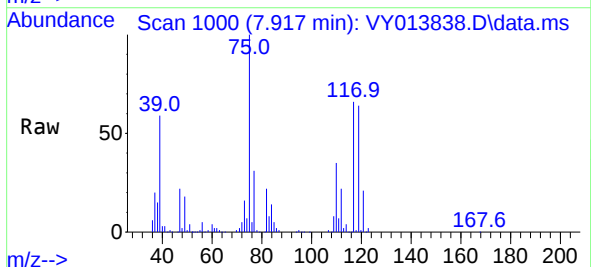
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

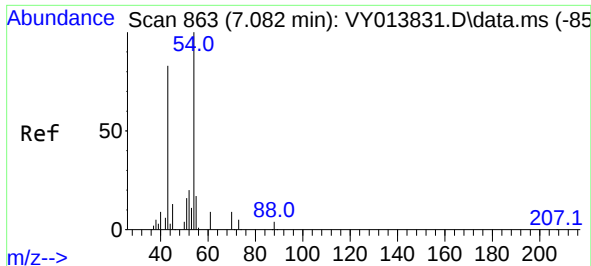
Tgt Ion:113 Resp: 126068
Ion Ratio Lower Upper
113 100
111 102.7 80.4 120.6
192 20.8 16.6 25.0



#36
1,1-Dichloropropene
Concen: 48.234 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 75 Resp: 190514
Ion Ratio Lower Upper
75 100
110 35.2 17.5 52.6
77 30.2 24.4 36.6

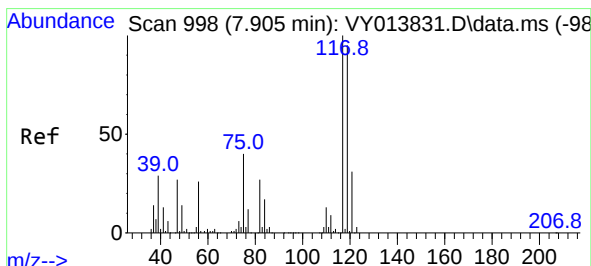
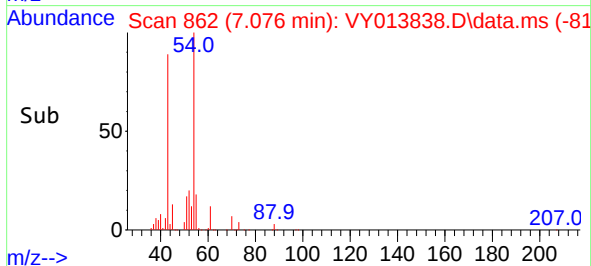
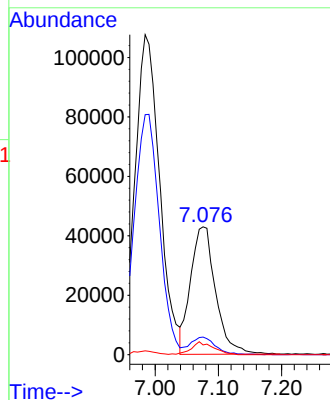
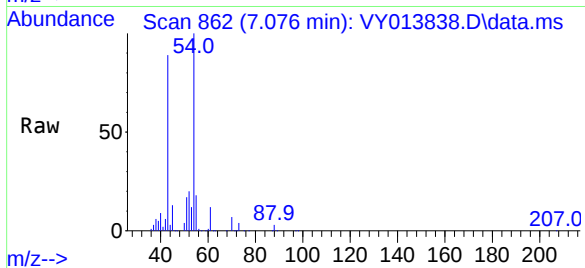




#37
Ethyl Acetate
Concen: 48.874 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

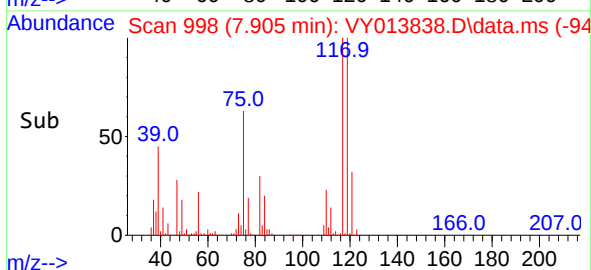
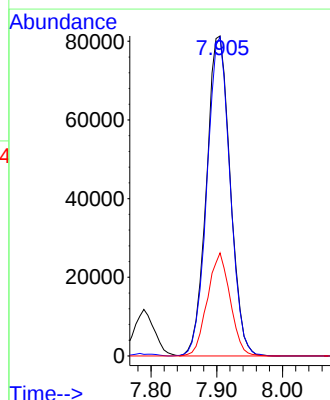
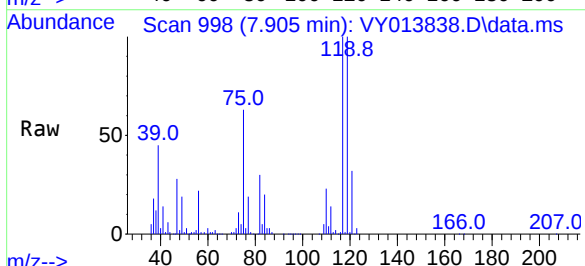
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

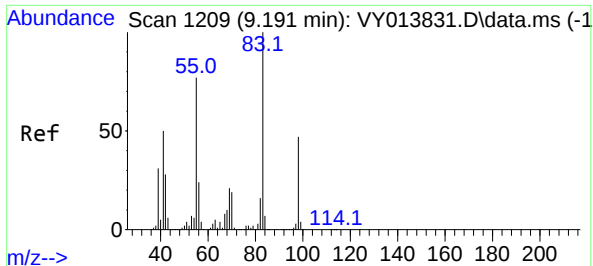
Tgt Ion: 43 Resp: 117754
Ion Ratio Lower Upper
43 100
61 13.0 10.5 15.7
70 9.0 6.9 10.3



#38
Carbon Tetrachloride
Concen: 45.429 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 117 Resp: 204060
Ion Ratio Lower Upper
117 100
119 99.7 75.6 113.4
121 32.2 24.8 37.2





#39

Methylcyclohexane

Concen: 48.294 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013838.D

Acq: 24 May 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

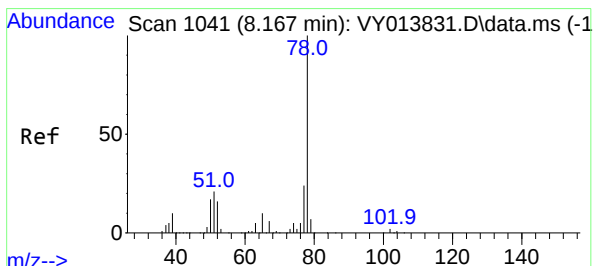
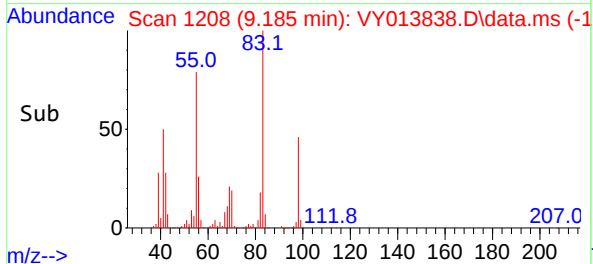
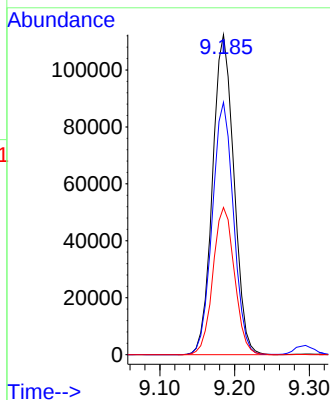
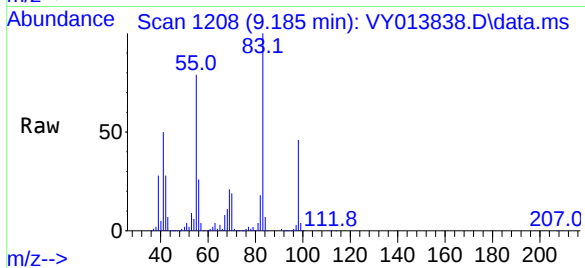
Tgt Ion: 83 Resp: 223391

Ion Ratio Lower Upper

83 100

55 78.9 61.6 92.4

98 46.0 38.0 57.0



#40

Benzene

Concen: 47.392 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY013838.D

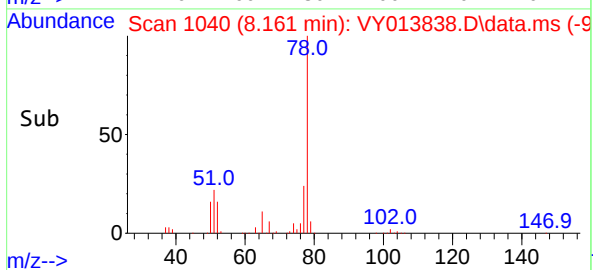
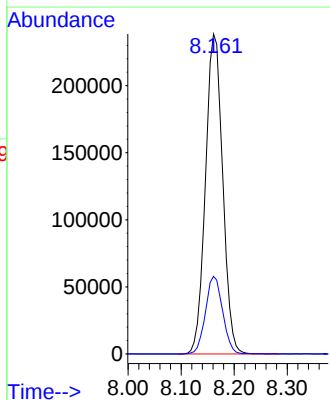
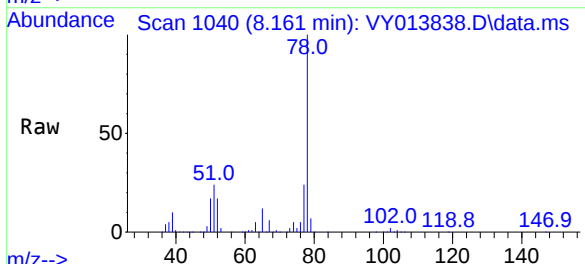
Acq: 24 May 2023 11:31

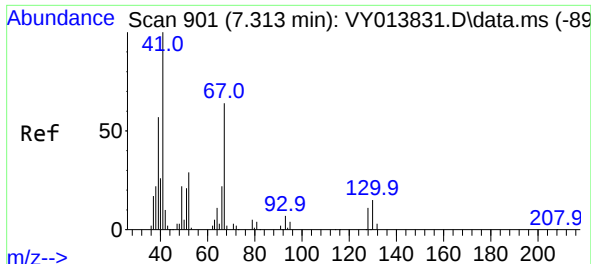
Tgt Ion: 78 Resp: 537648

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3

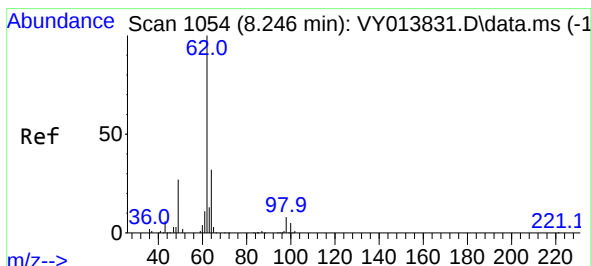
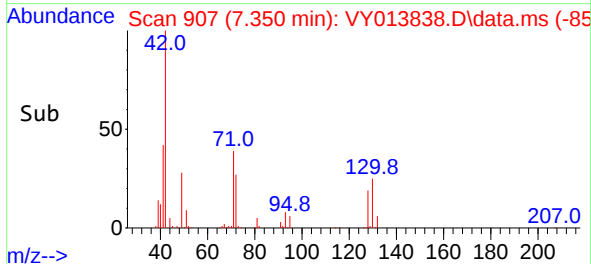
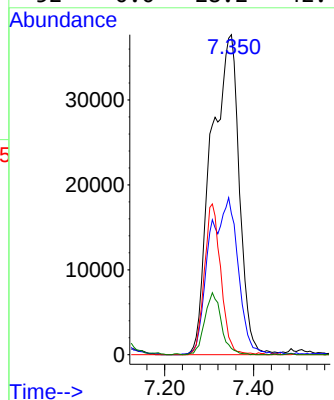
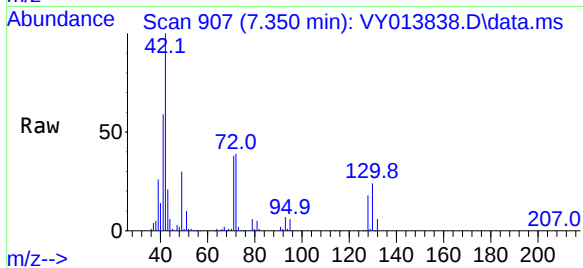




#41
Methacrylonitrile
Concen: 124.687 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

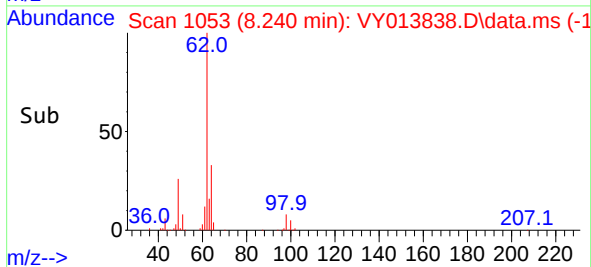
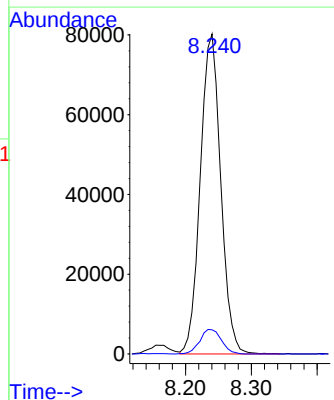
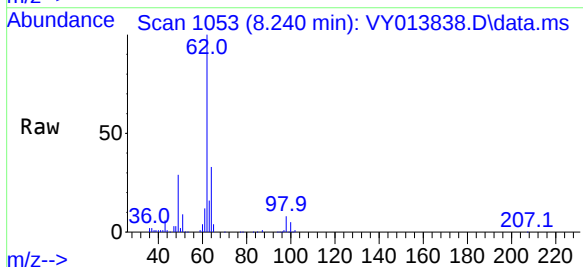
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

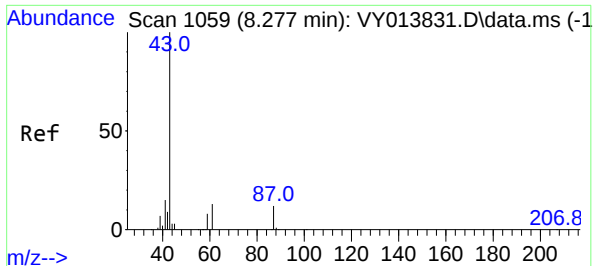
Tgt Ion: 41 Resp: 163911
Ion Ratio Lower Upper
41 100
39 0.0 44.1 66.1#
67 0.0 63.7 95.5#
52 0.0 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 46.700 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 62 Resp: 173464
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.8

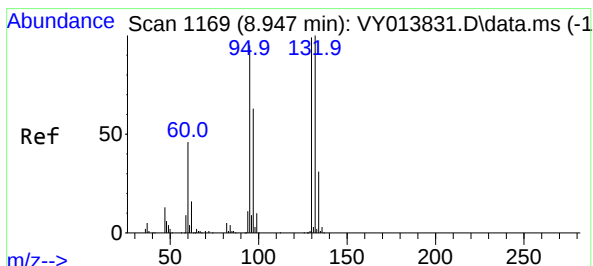
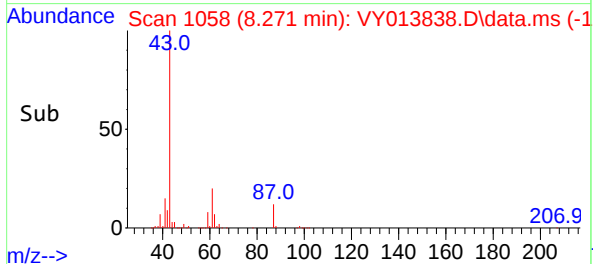
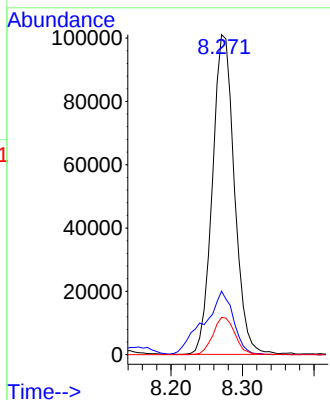
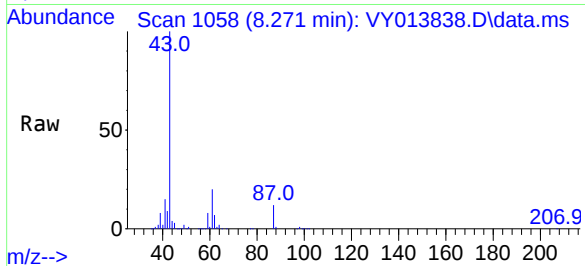




#43
Isopropyl Acetate
Concen: 49.048 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

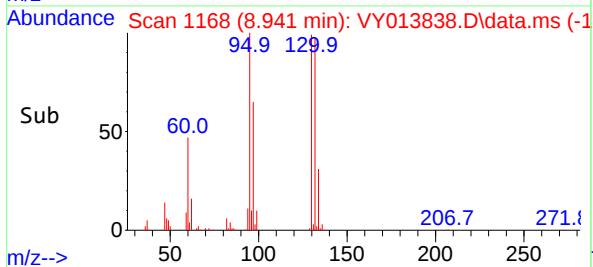
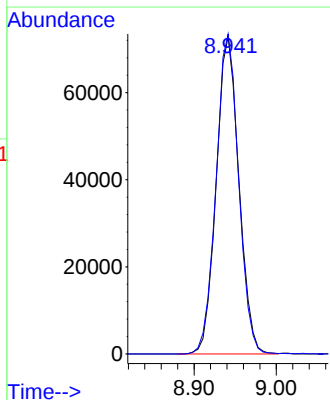
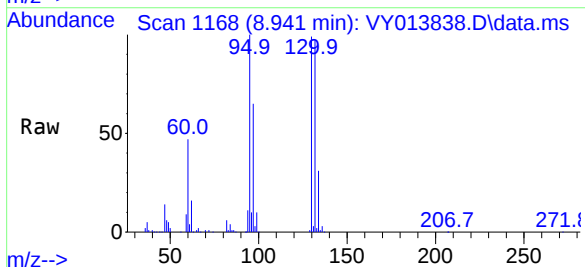
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

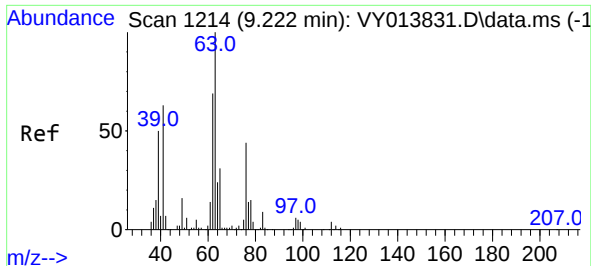
Tgt Ion: 43 Resp: 215345
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 11.8 9.8 14.6



#44
Trichloroethene
Concen: 45.583 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:130 Resp: 139321
Ion Ratio Lower Upper
130 100
95 100.9 0.0 192.8





#45

1,2-Dichloropropane

Concen: 48.370 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013838.D

Acq: 24 May 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

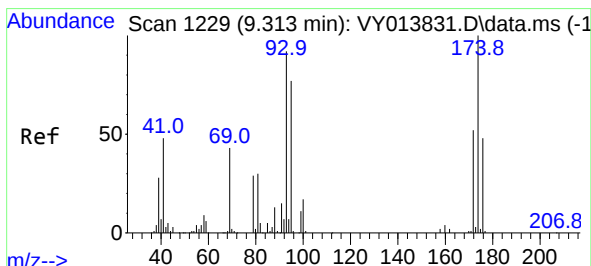
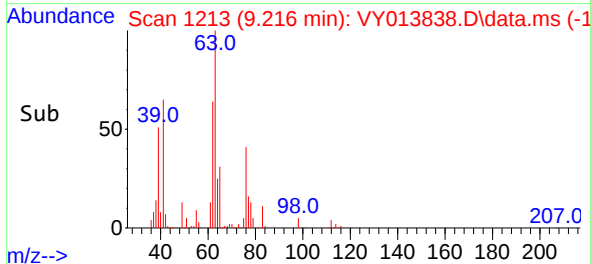
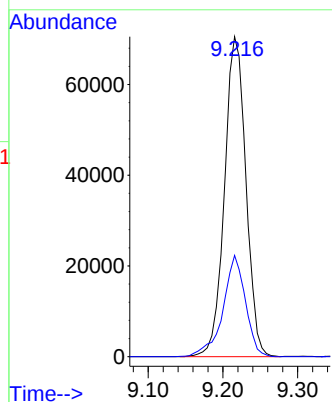
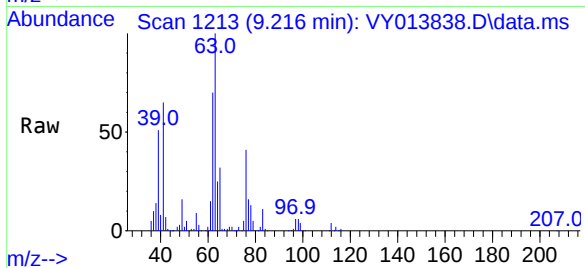
VSTDCCC050

Tgt Ion: 63 Resp: 140573

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1



#46

Dibromomethane

Concen: 47.745 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013838.D

Acq: 24 May 2023 11:31

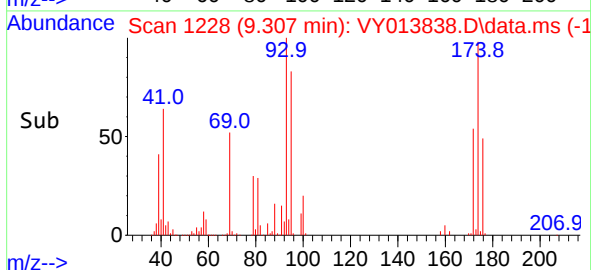
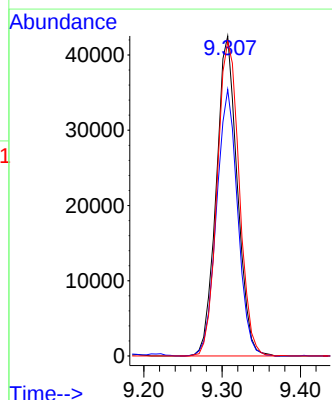
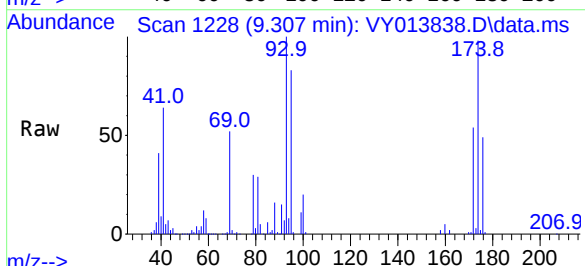
Tgt Ion: 93 Resp: 79467

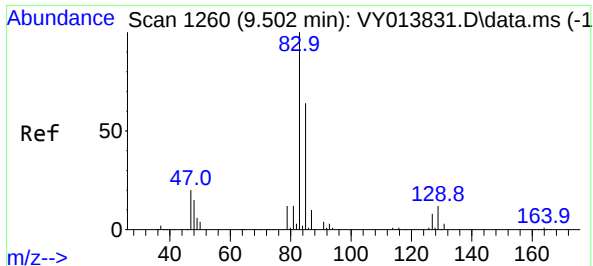
Ion Ratio Lower Upper

93 100

95 83.6 66.4 99.6

174 102.4 83.9 125.9





#47

Bromodichloromethane

Concen: 46.910 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY013838.D

Acq: 24 May 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

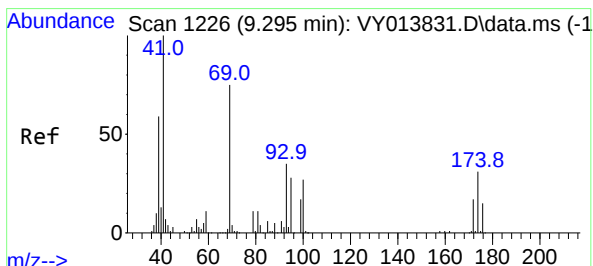
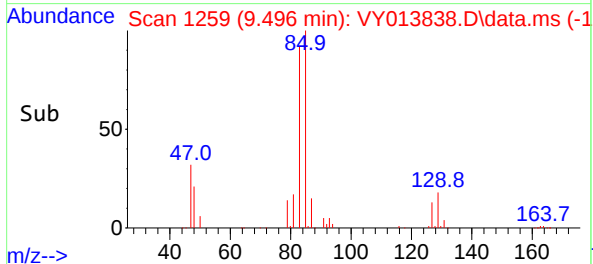
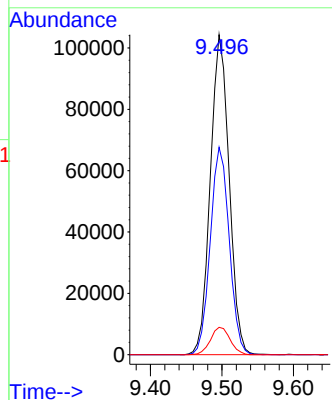
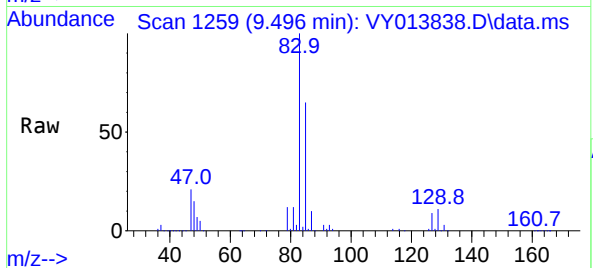
Tgt Ion: 83 Resp: 190274

Ion Ratio Lower Upper

83 100

85 64.8 51.5 77.3

127 8.6 6.6 10.0



#48

Methyl methacrylate

Concen: 50.408 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013838.D

Acq: 24 May 2023 11:31

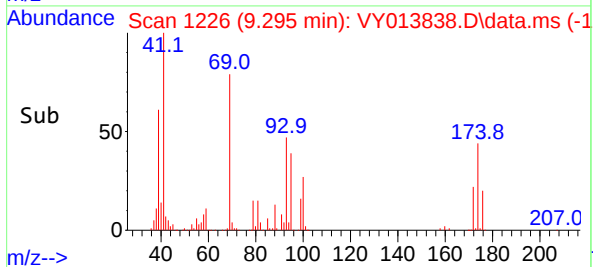
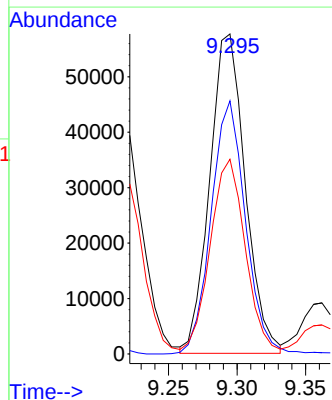
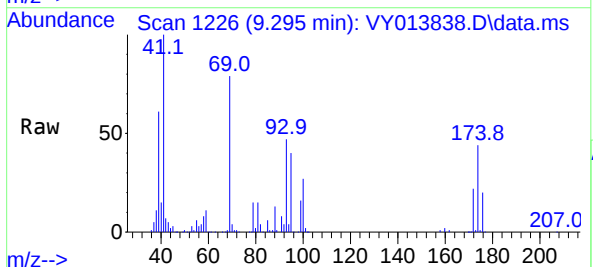
Tgt Ion: 41 Resp: 103925

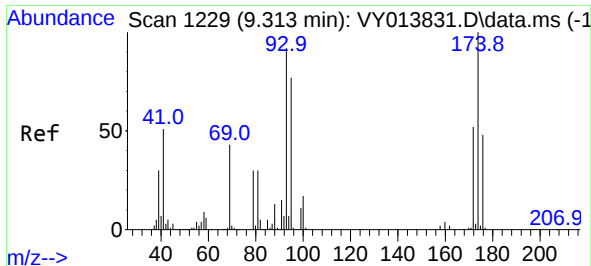
Ion Ratio Lower Upper

41 100

69 77.0 62.0 93.0

39 57.9 45.7 68.5





#49

1,4-Dioxane

Concen: 1003.779 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013838.D

Acq: 24 May 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

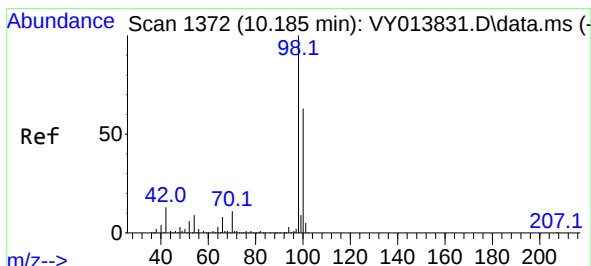
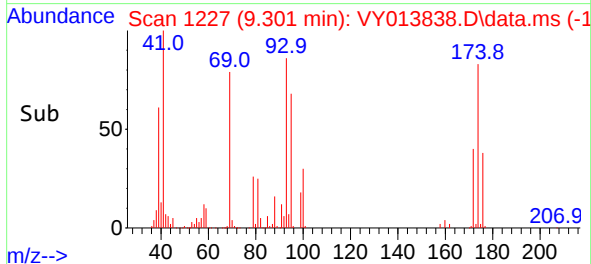
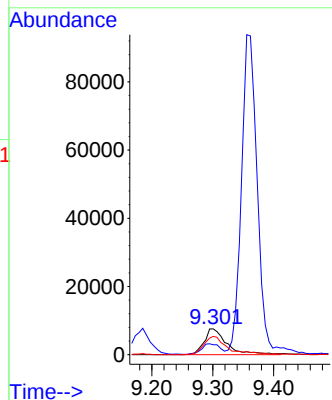
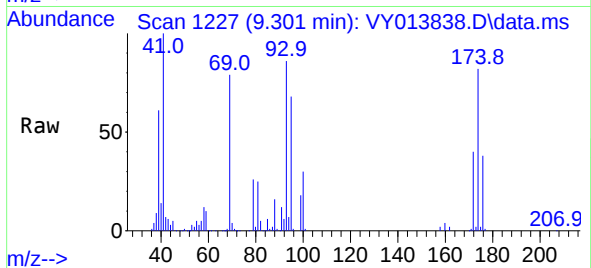
Tgt Ion: 88 Resp: 19635

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 74.7 59.0 88.6



#50

Toluene-d8

Concen: 46.855 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY013838.D

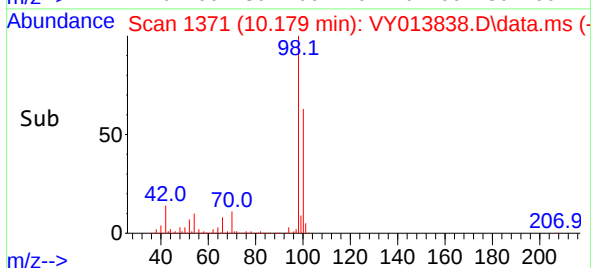
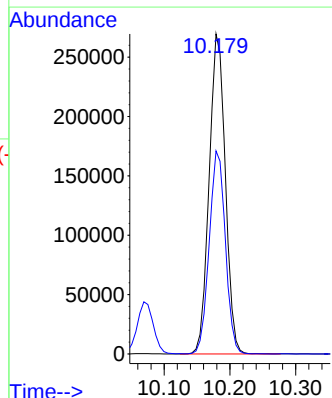
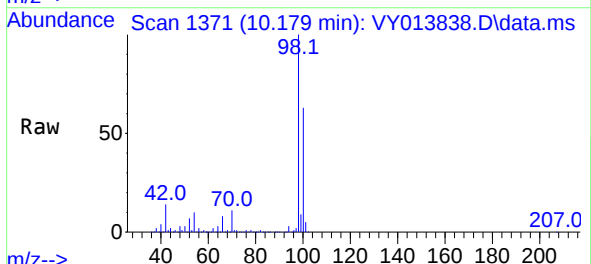
Acq: 24 May 2023 11:31

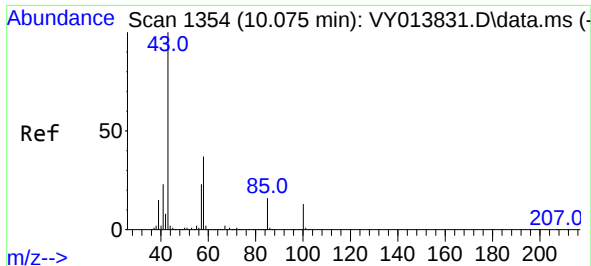
Tgt Ion: 98 Resp: 461808

Ion Ratio Lower Upper

98 100

100 63.3 50.8 76.2

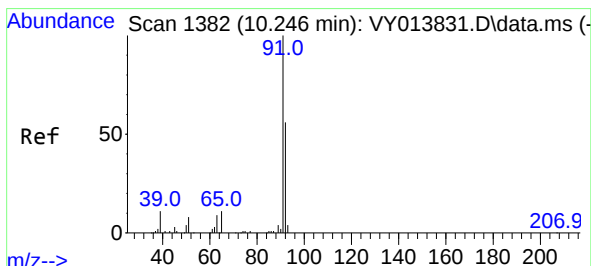
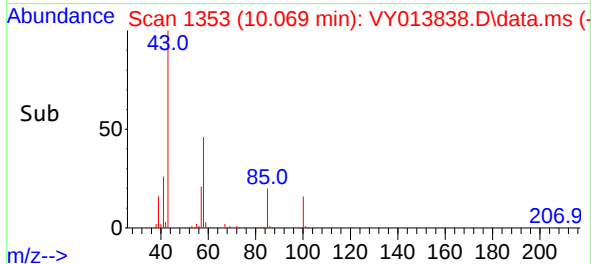
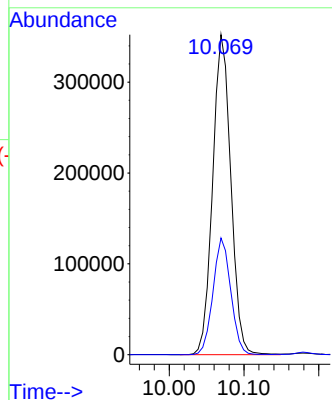
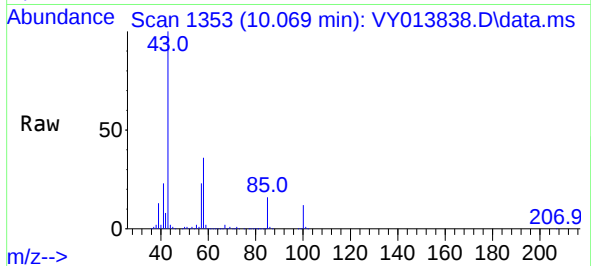




#51
4-Methyl-2-Pentanone
Concen: 254.193 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

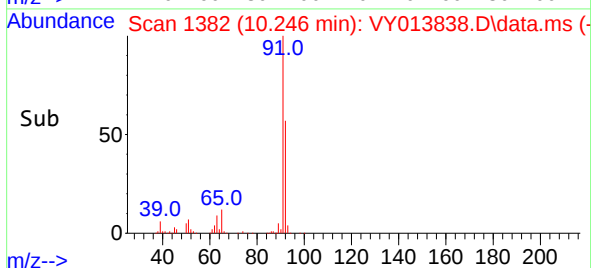
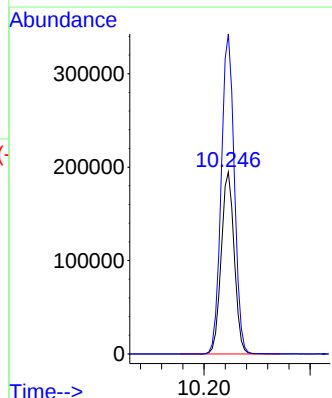
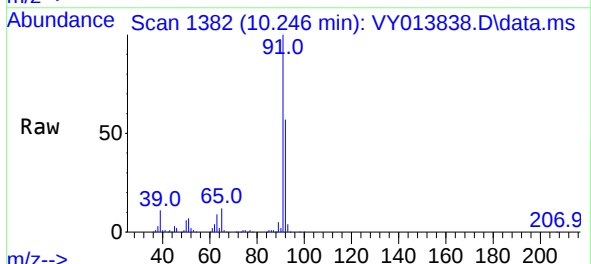
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

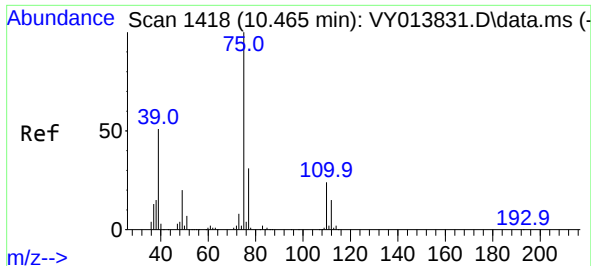
Tgt Ion: 43 Resp: 594753
Ion Ratio Lower Upper
43 100
58 35.6 29.1 43.7



#52
Toluene
Concen: 47.759 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 92 Resp: 330357
Ion Ratio Lower Upper
92 100
91 177.4 142.2 213.4

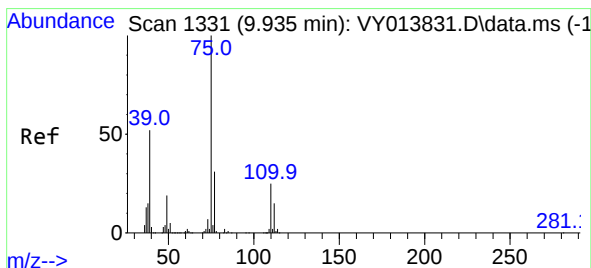
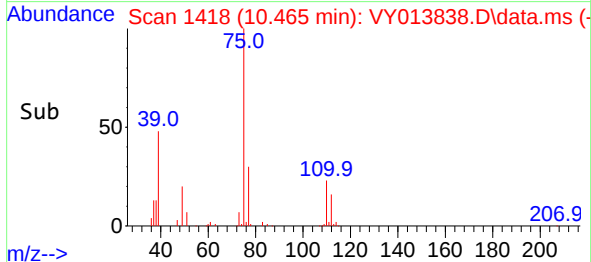
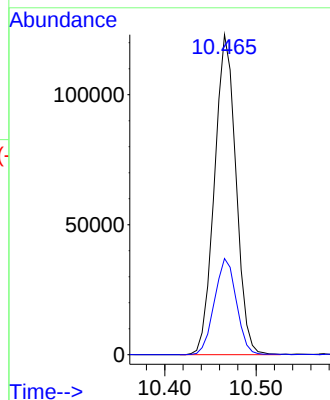
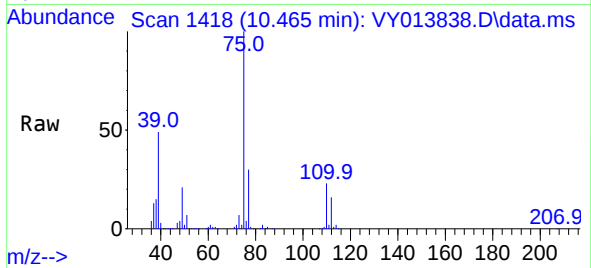




#53
t-1,3-Dichloropropene
Concen: 48.745 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

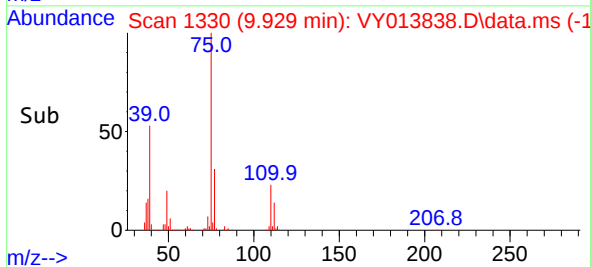
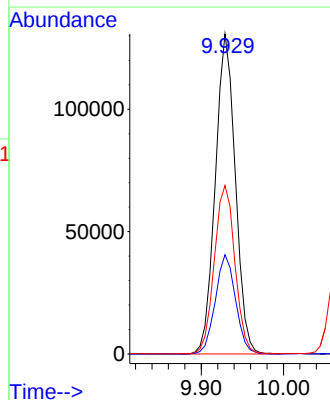
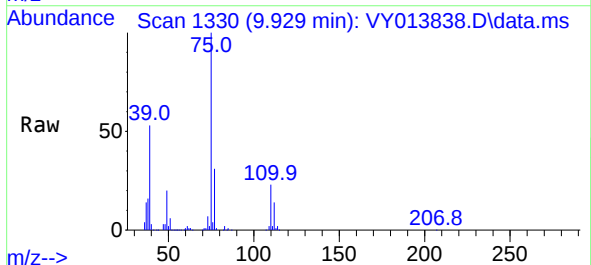
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

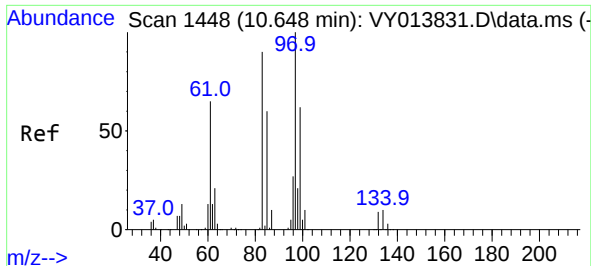
Tgt Ion: 75 Resp: 201263
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 47.858 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 75 Resp: 221365
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 52.6 41.8 62.8



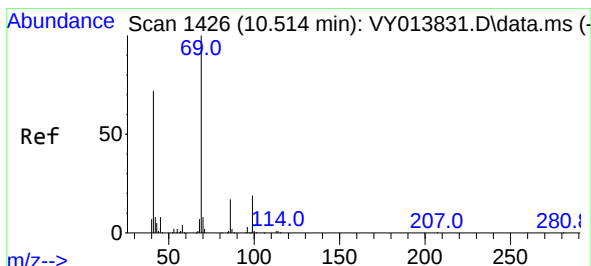
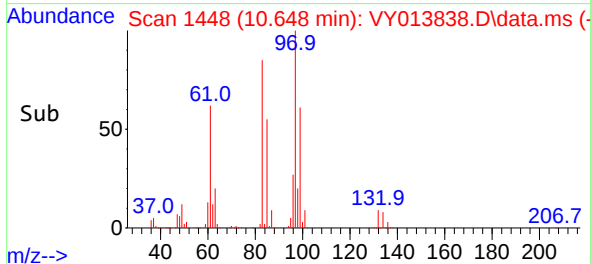
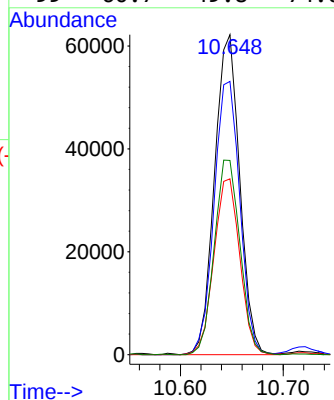
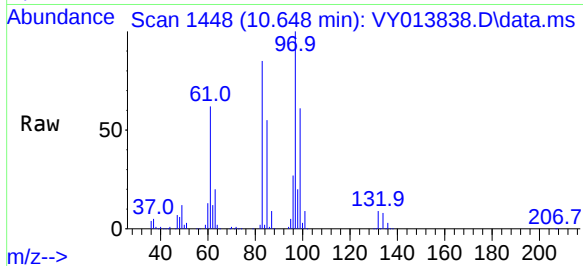


#55
1,1,2-Trichloroethane
Concen: 47.334 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 105990

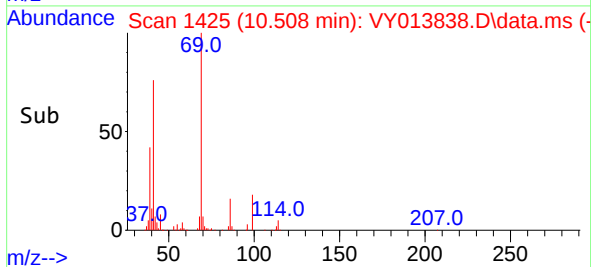
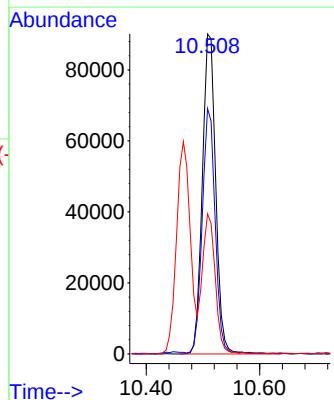
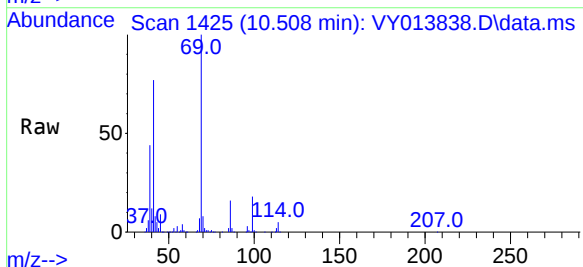
Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.9	107.9
85	55.0	47.6	71.4
99	60.7	49.8	74.6

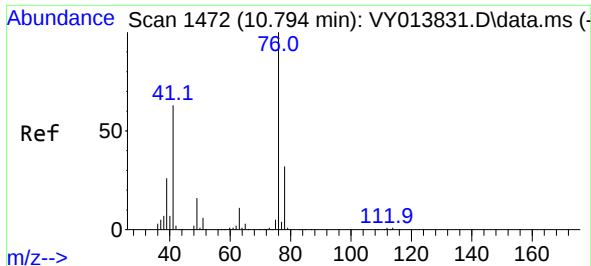


#56
Ethyl methacrylate
Concen: 49.234 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 69 Resp: 147165

Ion	Ratio	Lower	Upper
69	100		
41	73.8	57.8	86.6
39	41.7	33.9	50.9





#57

1,3-Dichloropropane

Concen: 47.803 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY013838.D

Acq: 24 May 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

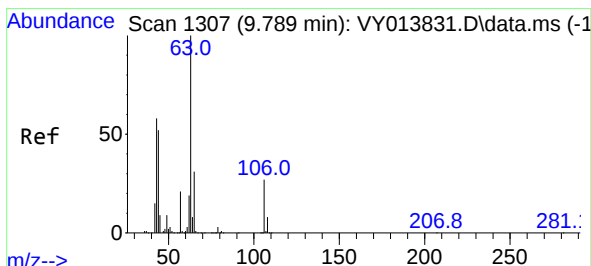
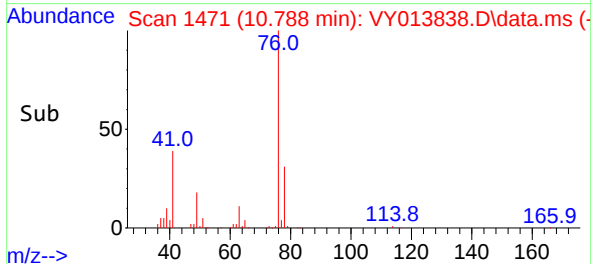
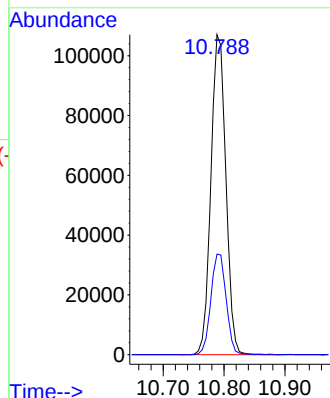
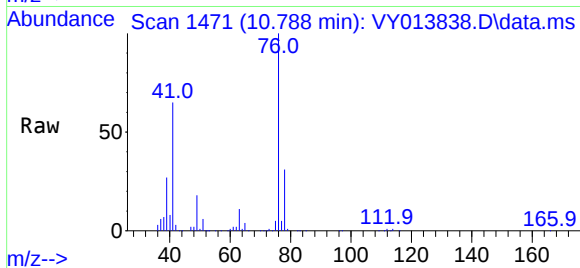
VSTDCCC050

Tgt Ion: 76 Resp: 182300

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 218.076 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013838.D

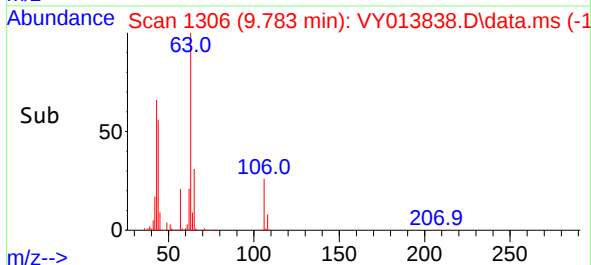
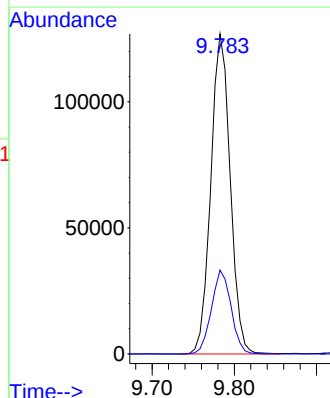
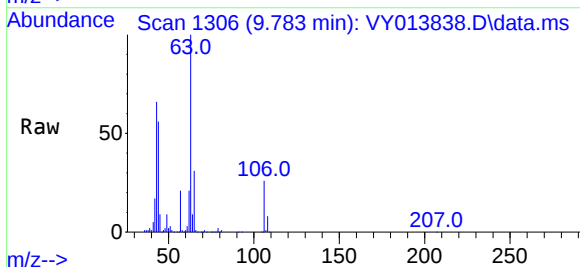
Acq: 24 May 2023 11:31

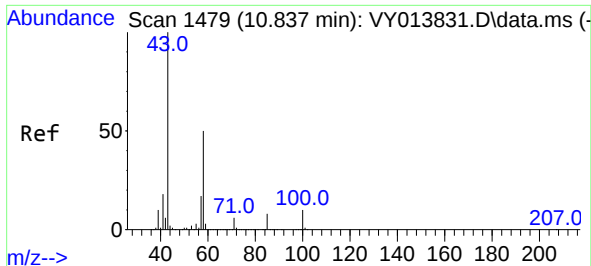
Tgt Ion: 63 Resp: 207989

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9

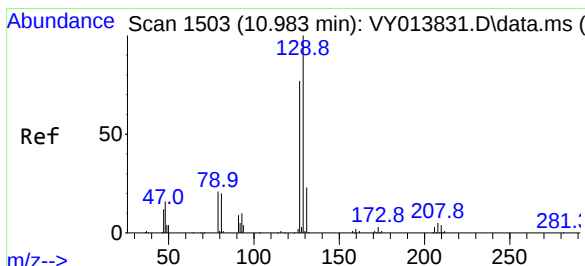
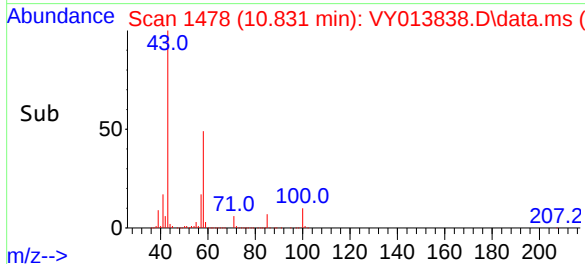
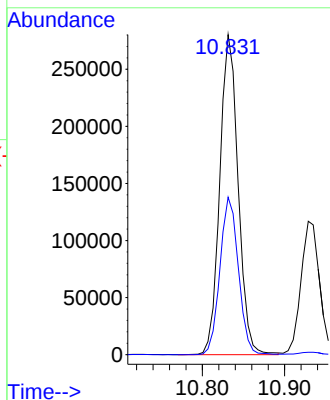
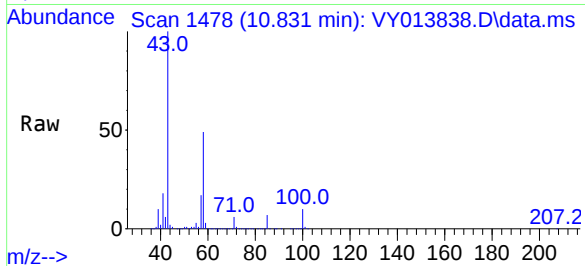




#59
2-Hexanone
Concen: 261.443 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

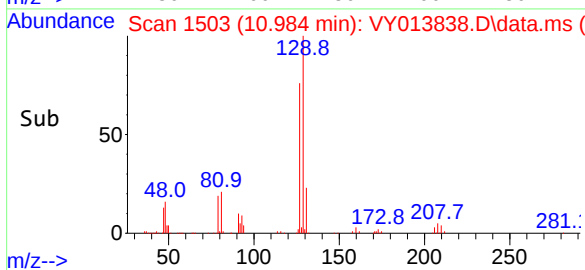
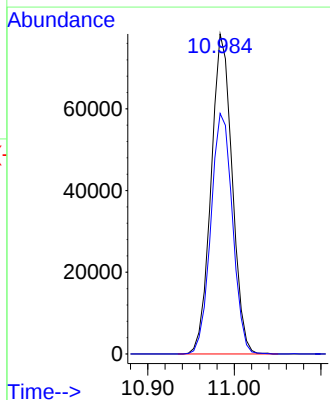
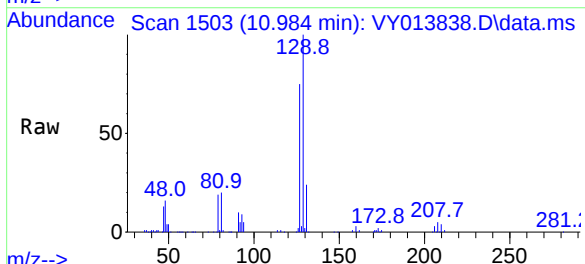
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

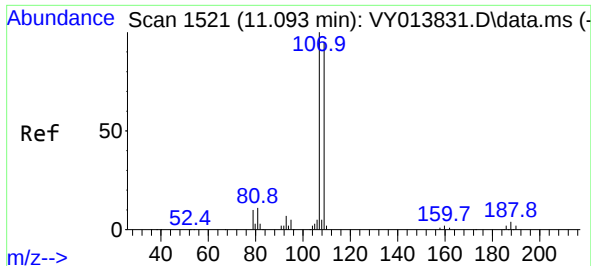
Tgt Ion: 43 Resp: 435123
Ion Ratio Lower Upper
43 100
58 49.5 24.8 74.3



#60
Dibromochloromethane
Concen: 46.702 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:129 Resp: 132284
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

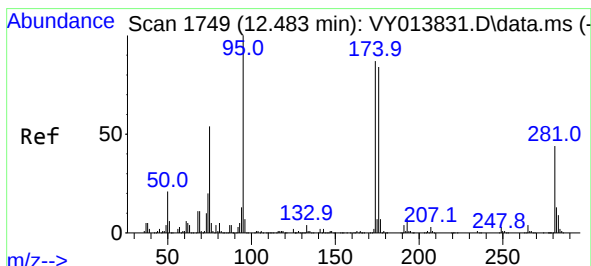
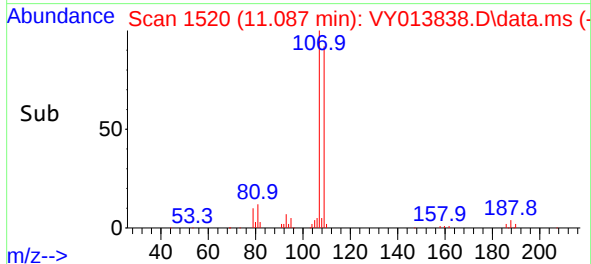
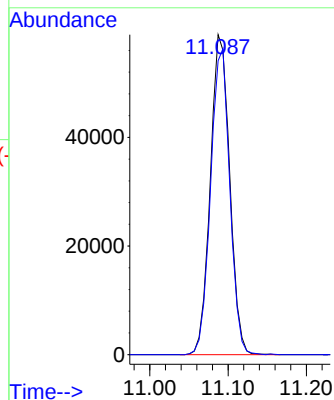
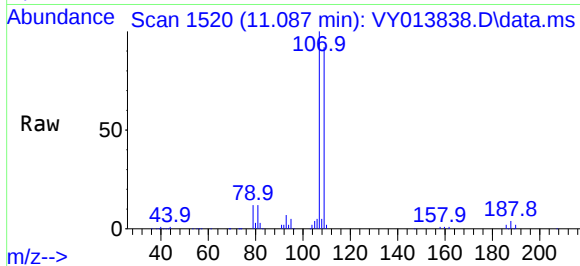




#61
1,2-Dibromoethane
Concen: 47.485 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

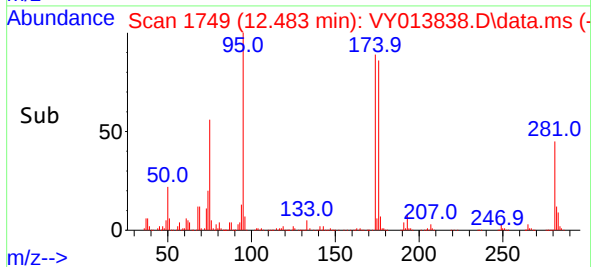
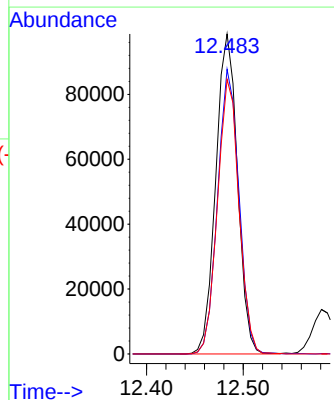
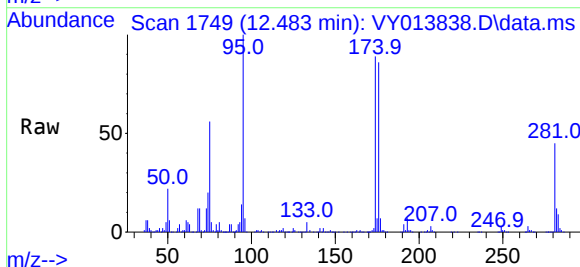
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

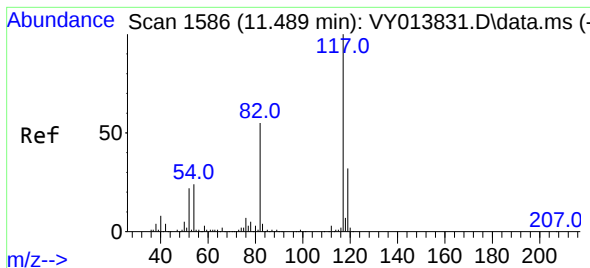
Tgt Ion:107 Resp: 101150
Ion Ratio Lower Upper
107 100
109 94.4 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 46.829 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 95 Resp: 153418
Ion Ratio Lower Upper
95 100
174 87.4 0.0 176.0
176 84.9 0.0 170.2

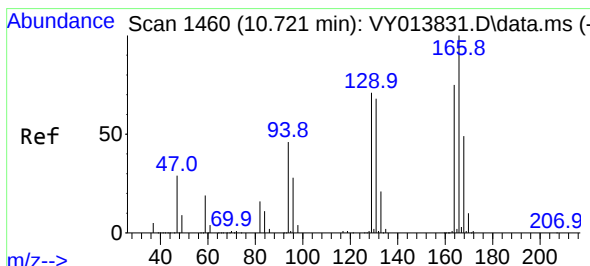
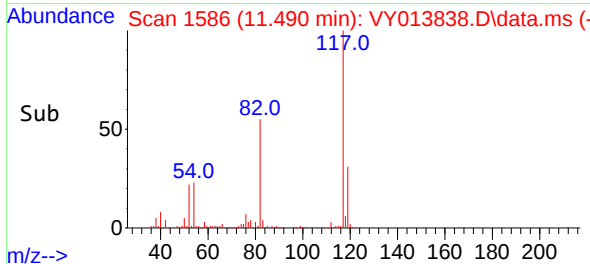
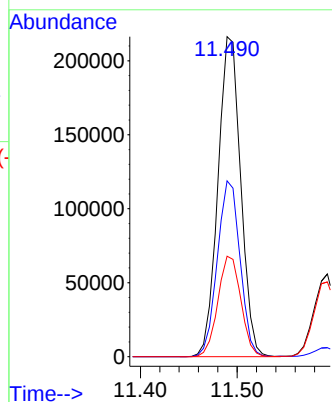
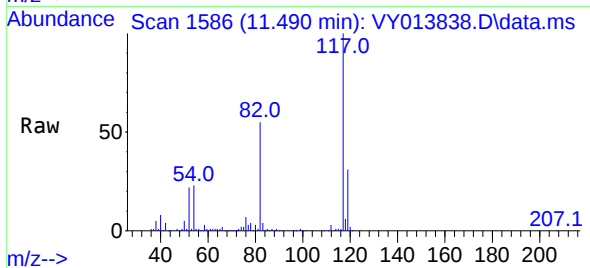




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

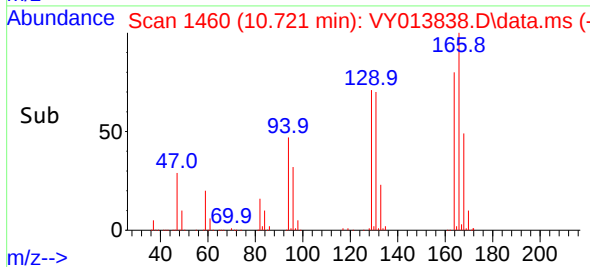
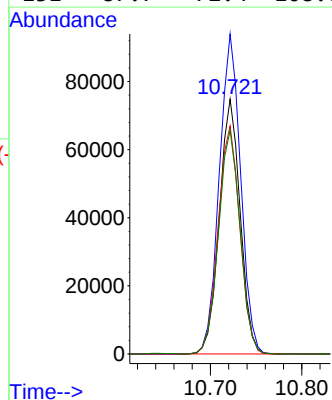
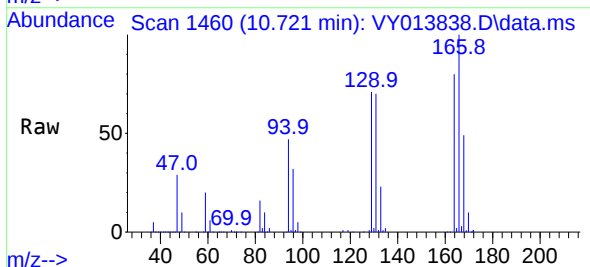
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

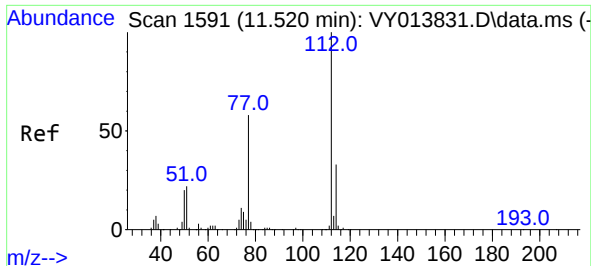
Tgt Ion:117 Resp: 353527
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 31.4 25.7 38.5



#64
Tetrachloroethene
Concen: 45.376 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:164 Resp: 118692
Ion Ratio Lower Upper
164 100
166 125.5 106.2 159.2
129 89.5 75.4 113.0
131 87.7 72.4 108.6

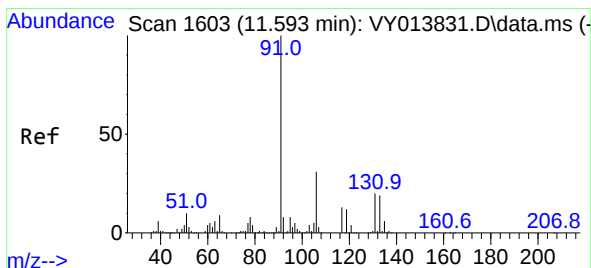
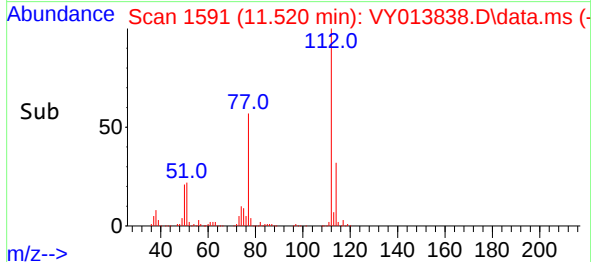
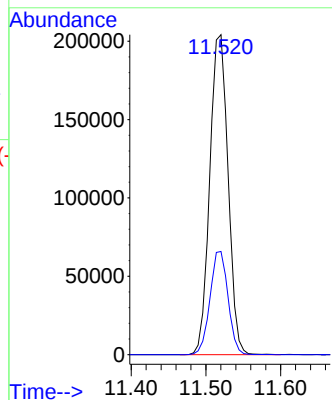
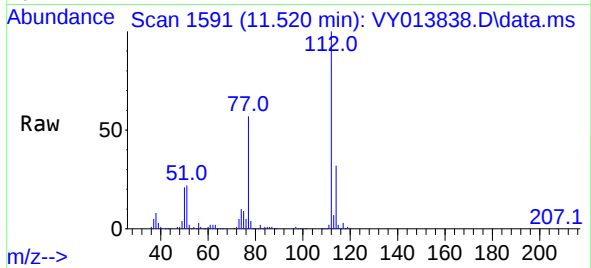




#65
Chlorobenzene
Concen: 46.841 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

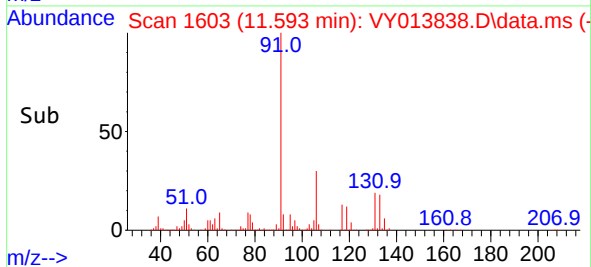
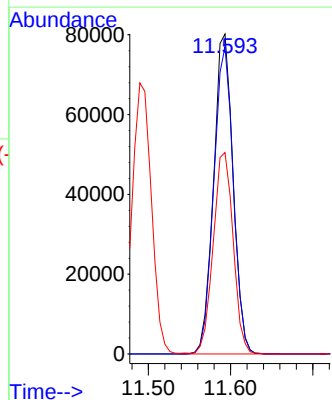
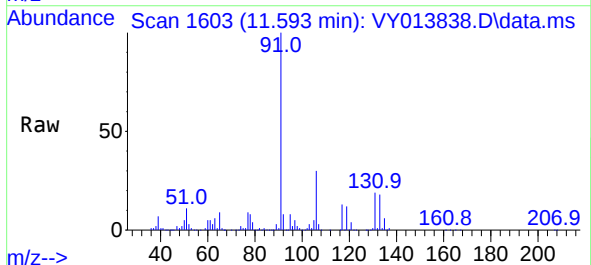
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

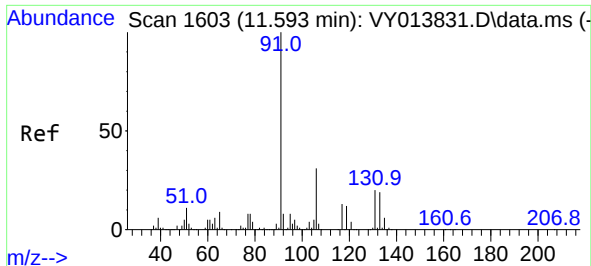
Tgt Ion:112 Resp: 347066
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.333 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:131 Resp: 132500
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.2 32.1 96.5





#67

Ethyl Benzene

Concen: 47.611 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013838.D

Acq: 24 May 2023 11:31

Instrument :

MSVOA_Y

ClientSampleId :

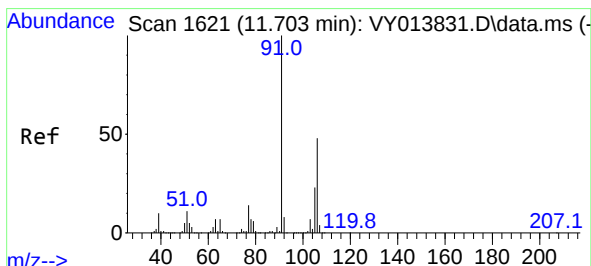
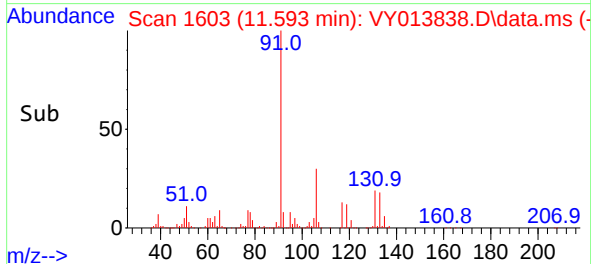
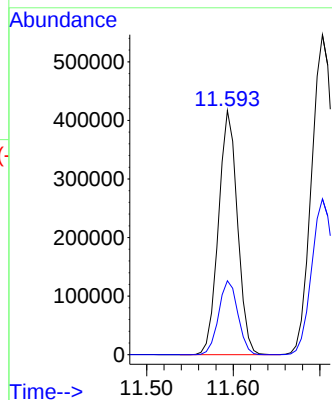
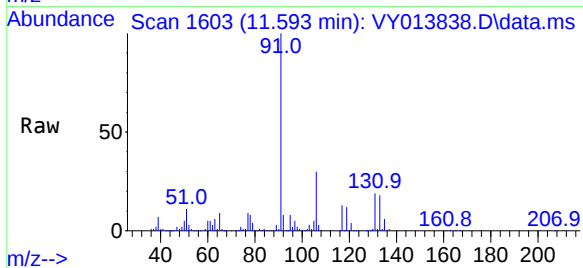
VSTDCCC050

Tgt Ion: 91 Resp: 634839

Ion Ratio Lower Upper

91 100

106 30.3 24.7 37.1



#68

m/p-Xylenes

Concen: 95.133 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013838.D

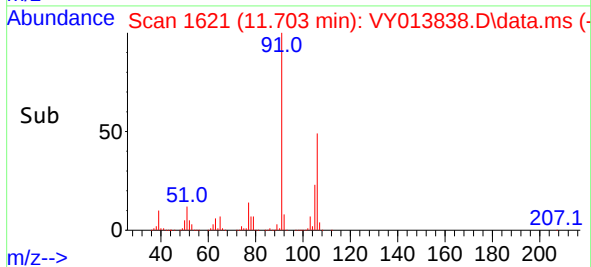
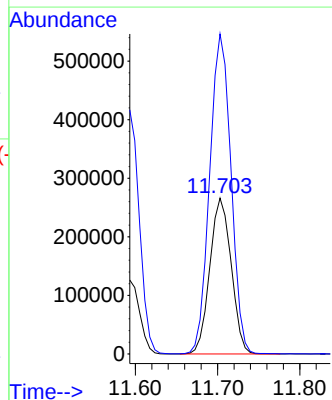
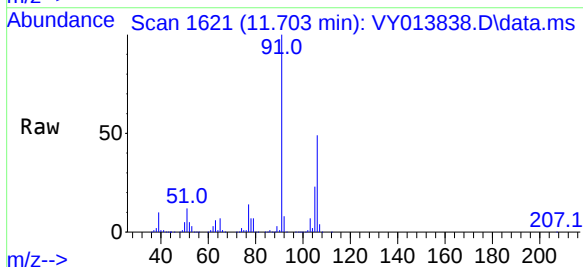
Acq: 24 May 2023 11:31

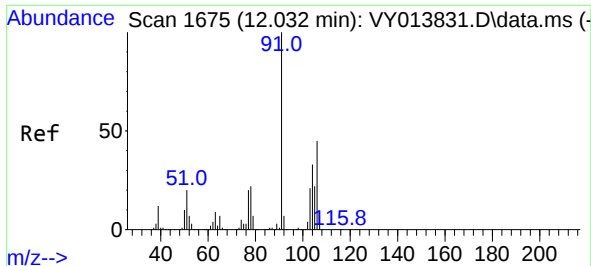
Tgt Ion: 106 Resp: 480049

Ion Ratio Lower Upper

106 100

91 205.0 164.9 247.3

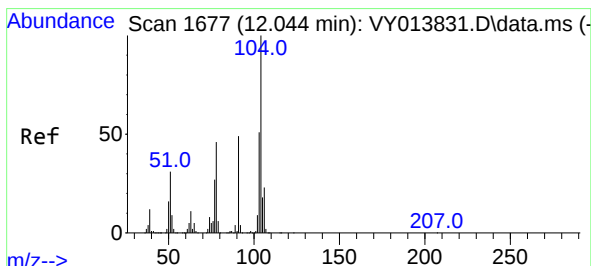
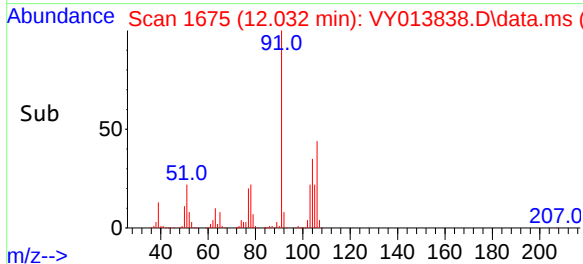
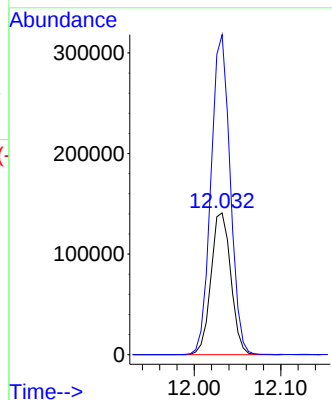
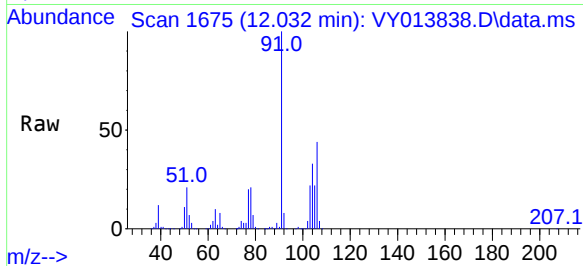




#69
o-Xylene
Concen: 47.205 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

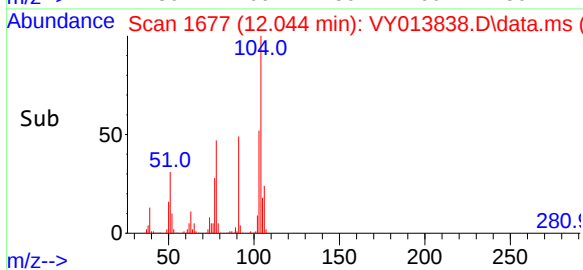
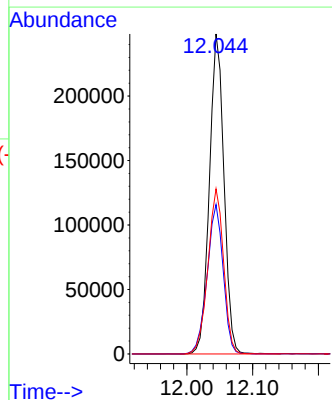
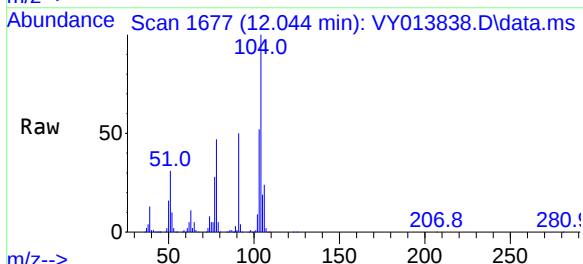
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

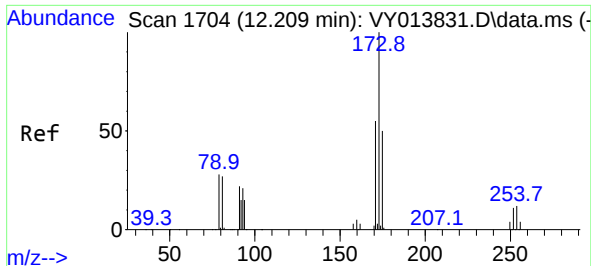
Tgt Ion:106 Resp: 224377
Ion Ratio Lower Upper
106 100
91 219.0 109.0 327.0



#70
Styrene
Concen: 47.588 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:104 Resp: 383154
Ion Ratio Lower Upper
104 100
78 51.2 40.8 61.2
103 55.6 44.2 66.4

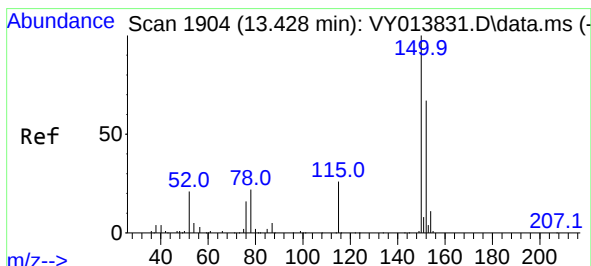
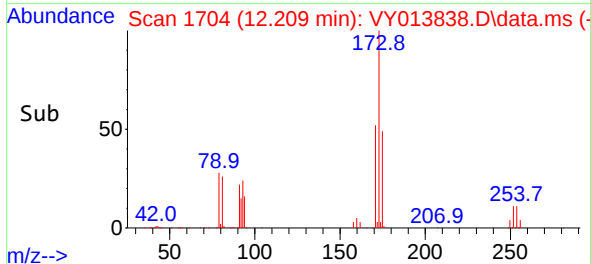
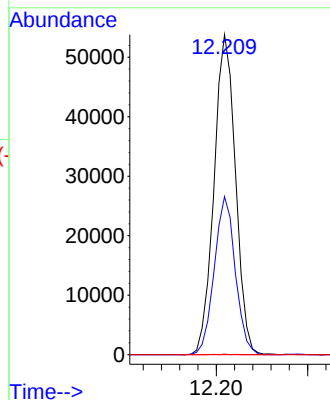
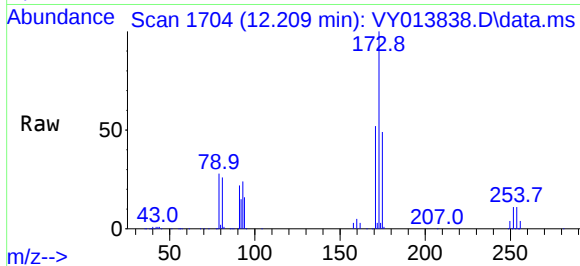




#71
Bromoform
Concen: 47.012 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

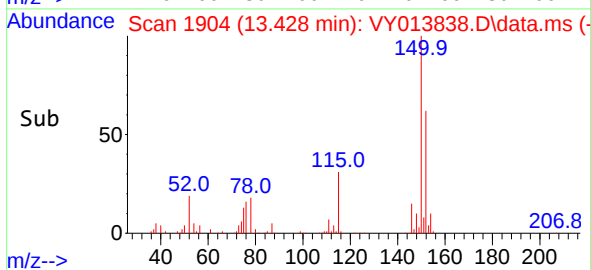
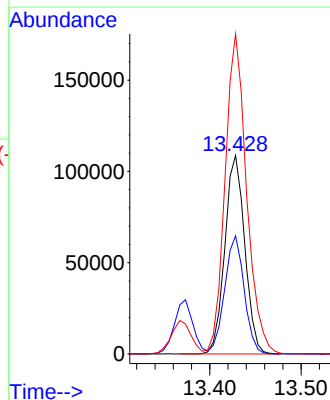
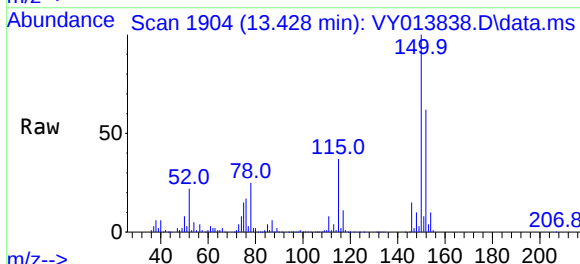
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

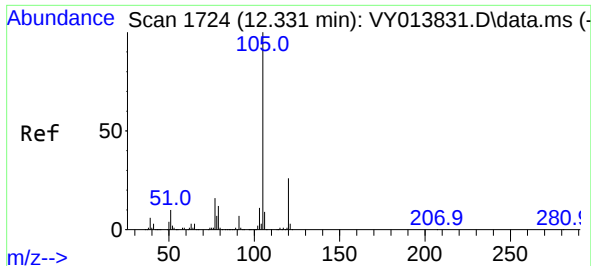
Tgt Ion:173 Resp: 87870
Ion Ratio Lower Upper
173 100
175 48.2 25.1 75.4
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:152 Resp: 164861
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 173.6 0.0 353.4

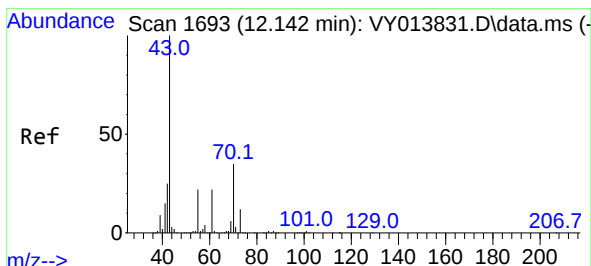
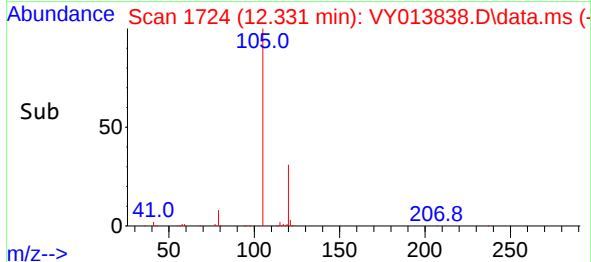
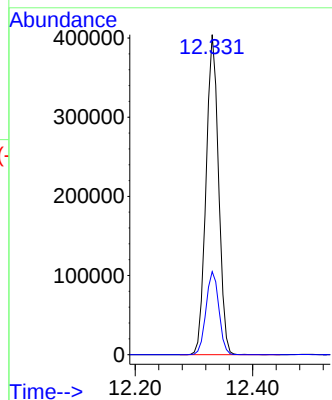
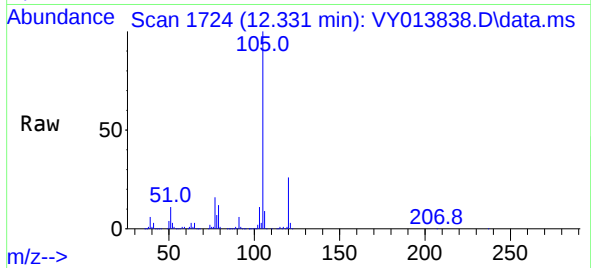




#73
Isopropylbenzene
Concen: 48.589 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

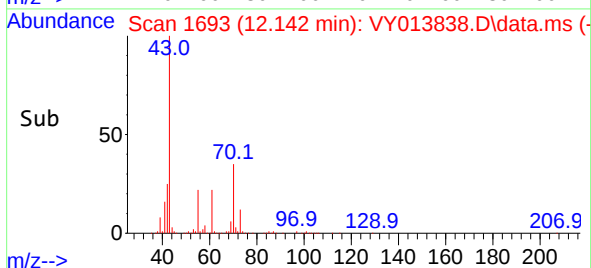
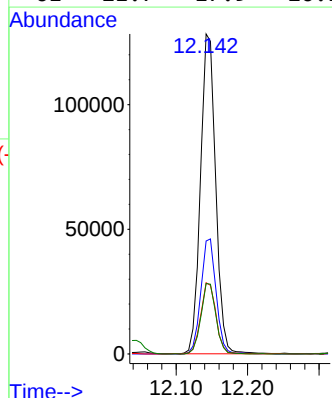
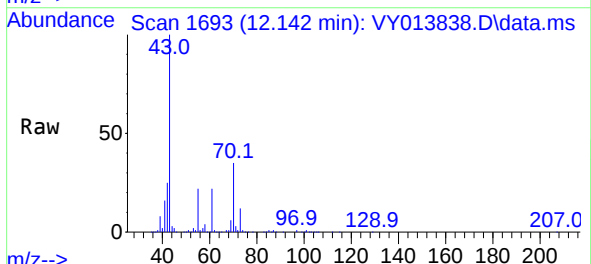
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

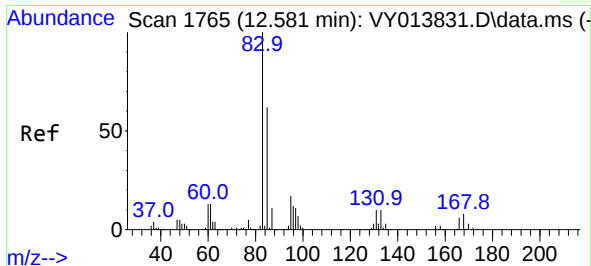
Tgt Ion:105 Resp: 596212
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 51.349 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 43 Resp: 189436
Ion Ratio Lower Upper
43 100
70 36.1 29.3 43.9
55 22.5 18.0 27.0
61 21.7 17.9 26.9

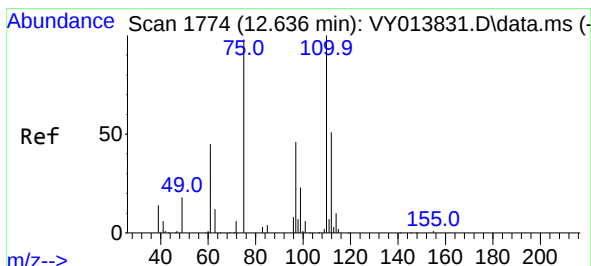
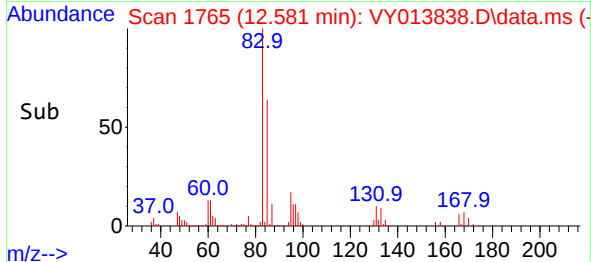
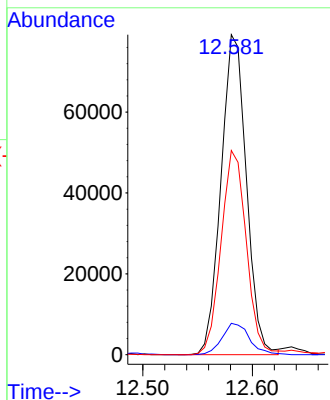
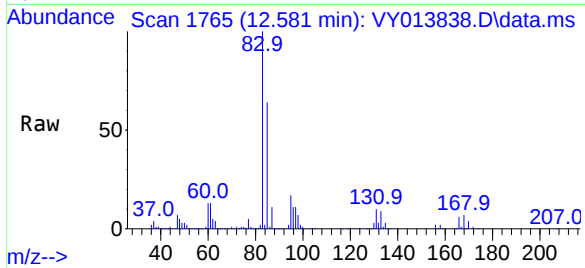




#75
1,1,2,2-Tetrachloroethane
Concen: 50.153 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

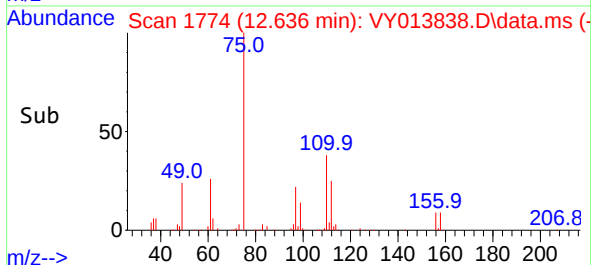
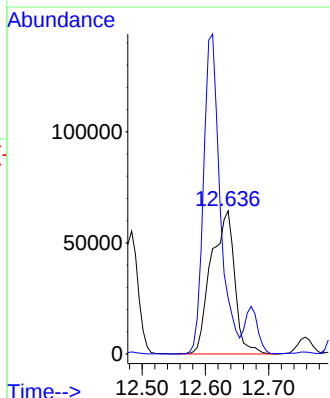
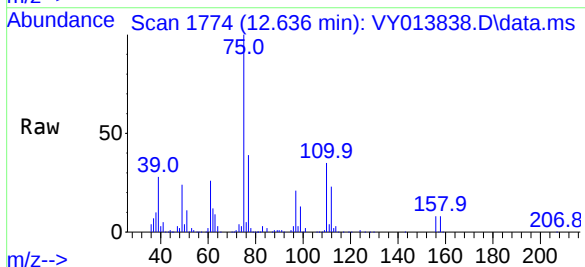
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

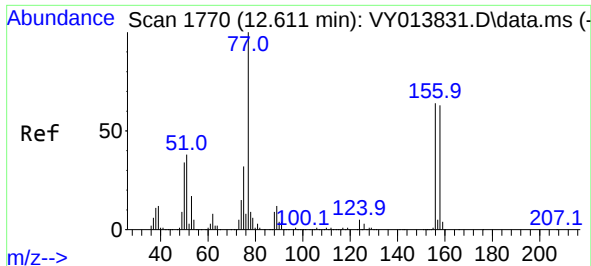
Tgt Ion: 83 Resp: 127393
Ion Ratio Lower Upper
83 100
131 10.6 5.3 16.1
85 63.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 85.759 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 75 Resp: 166710
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

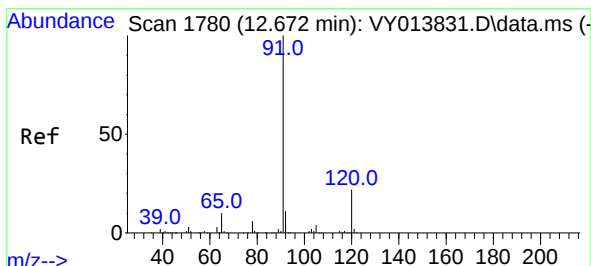
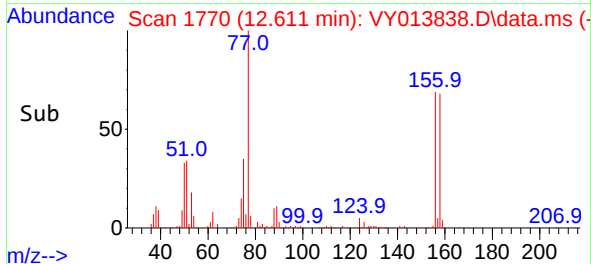
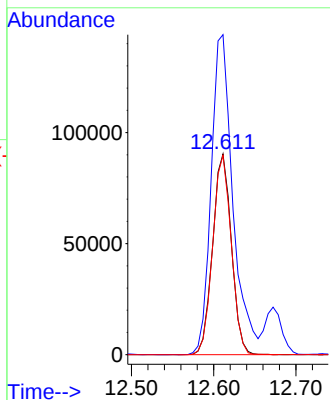
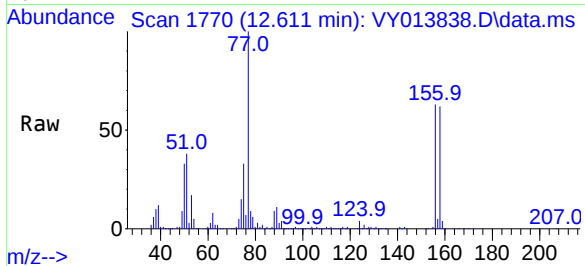




#77
Bromobenzene
Concen: 47.585 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

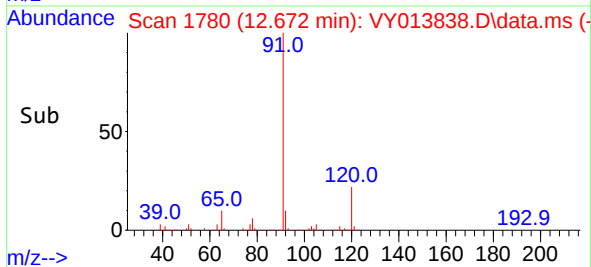
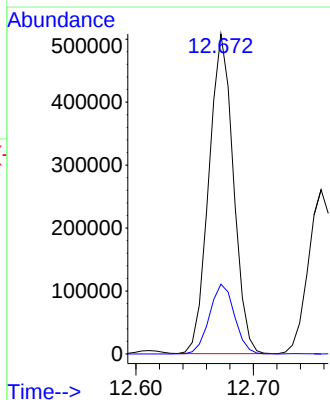
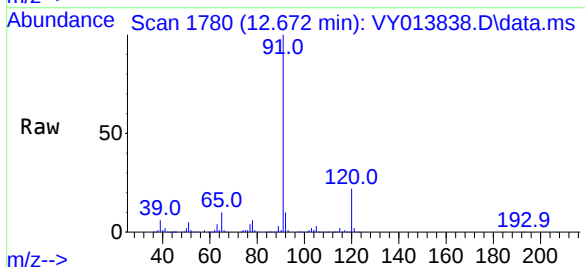
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

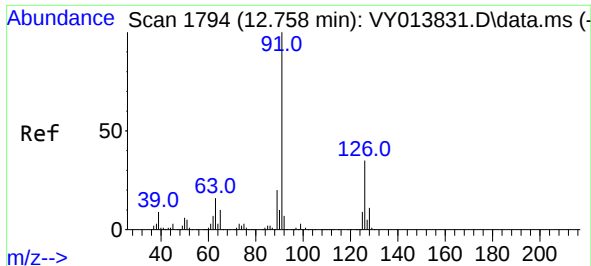
Tgt Ion:156 Resp: 143269
Ion Ratio Lower Upper
156 100
77 184.4 91.6 274.8
158 98.5 48.9 146.6



#78
n-propylbenzene
Concen: 48.482 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 91 Resp: 734940
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9

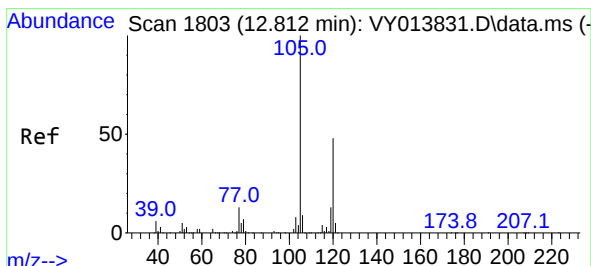
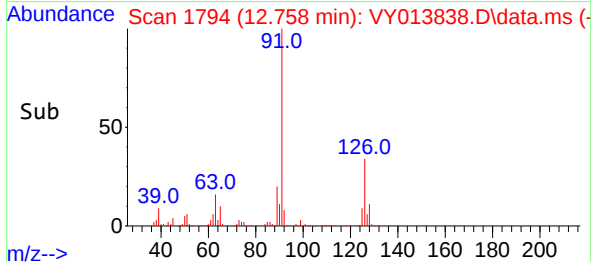
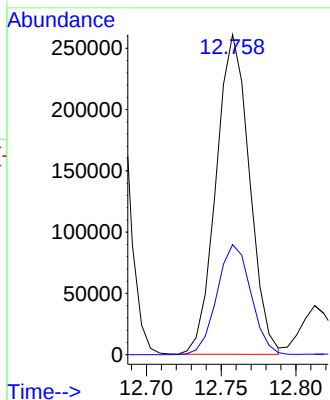
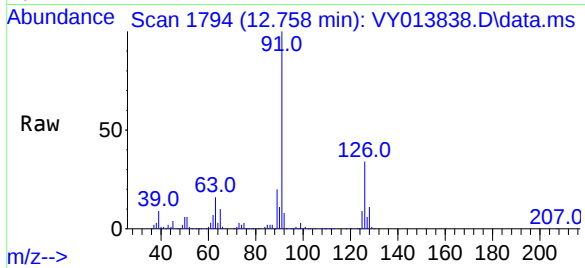




#79
2-Chlorotoluene
Concen: 47.706 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

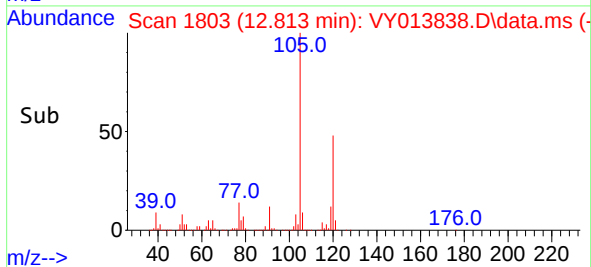
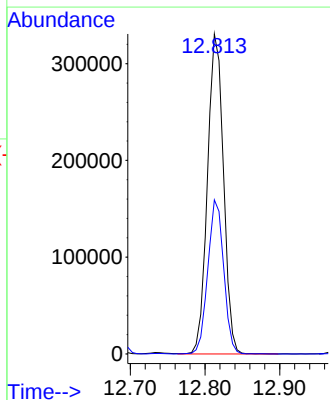
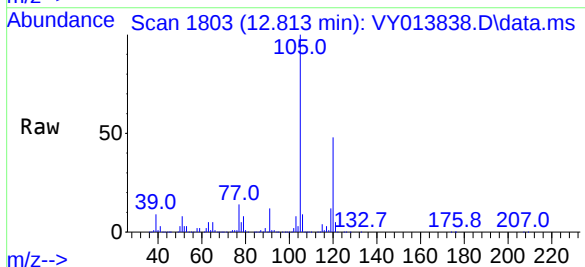
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

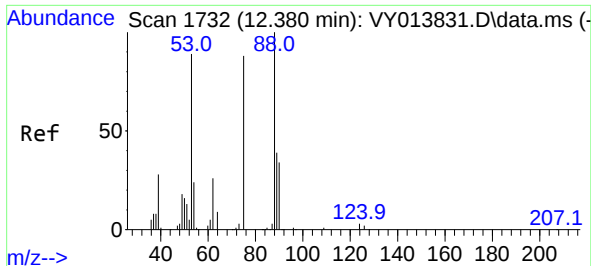
Tgt Ion: 91 Resp: 403948
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 48.661 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 105 Resp: 492877
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7

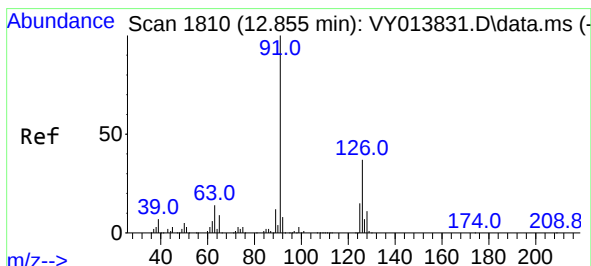
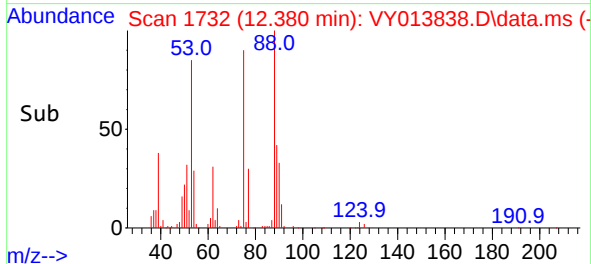
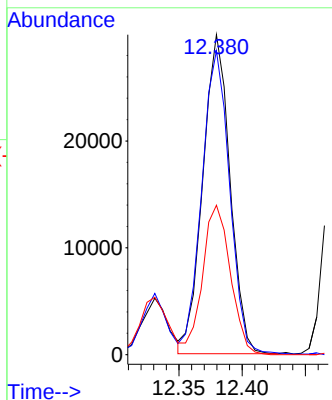
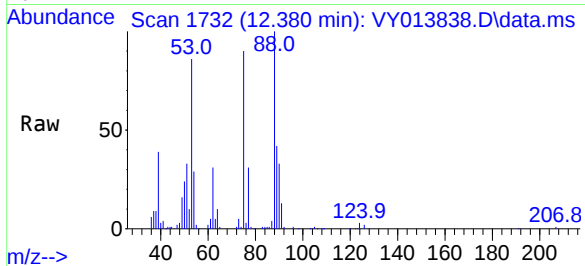




#81
trans-1,4-Dichloro-2-butene
Concen: 49.865 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

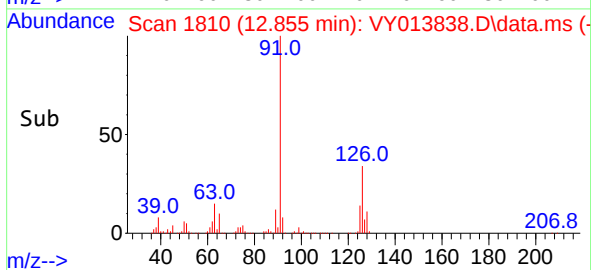
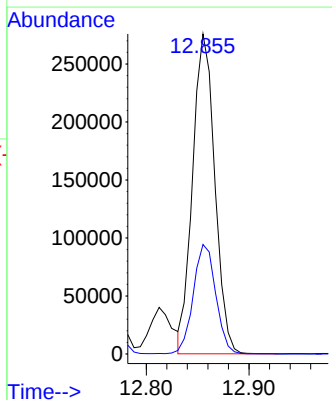
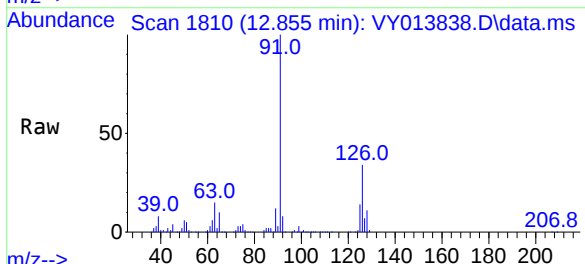
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

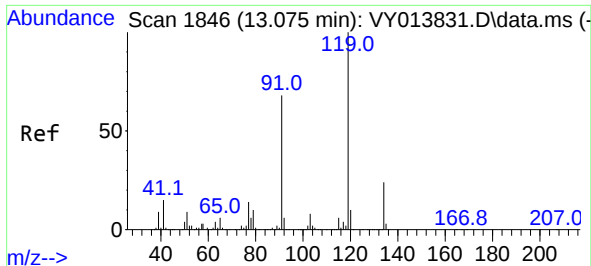
Tgt Ion:	75	Resp:	44656
Ion	Ratio	Lower	Upper
75	100		
53	97.6	79.7	119.5
89	48.2	36.4	54.6



#82
4-Chlorotoluene
Concen: 47.267 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:	91	Resp:	413670
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.9	53.7

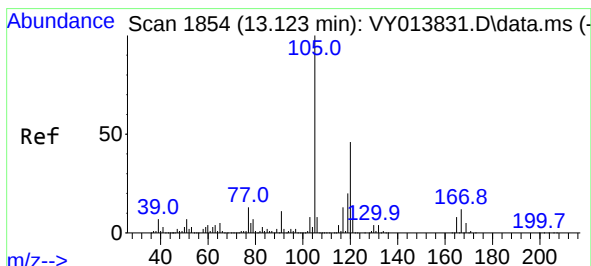
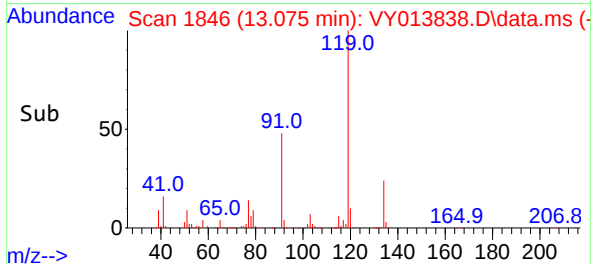
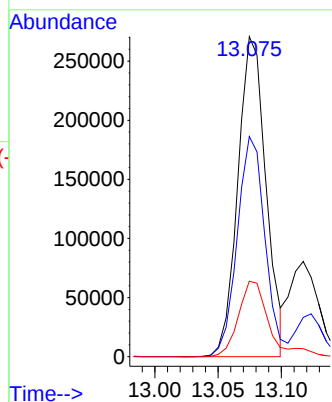
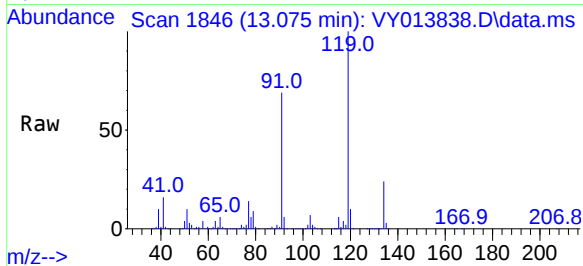




#83
tert-Butylbenzene
Concen: 47.485 ug/l
RT: 13.075 min Scan# 1190
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

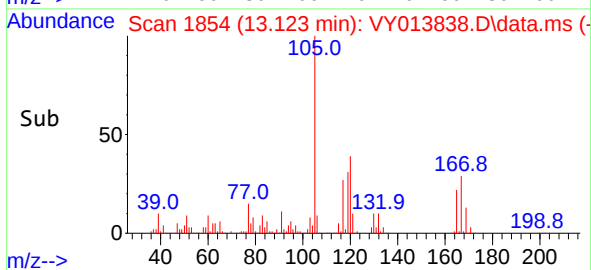
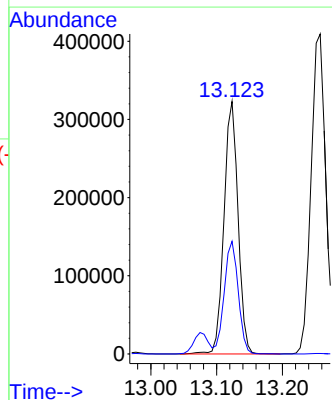
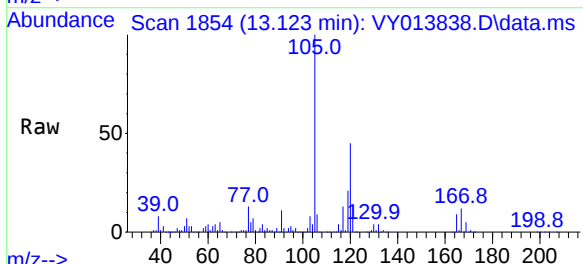
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

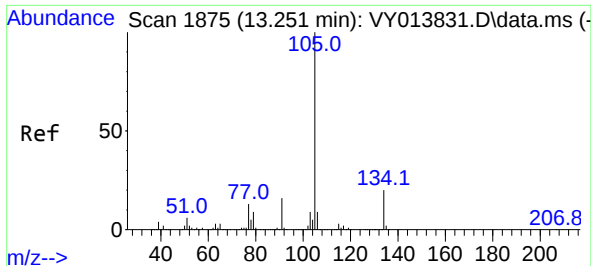
Tgt Ion:119 Resp: 418894
Ion Ratio Lower Upper
119 100
91 68.1 33.7 101.0
134 25.7 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 48.339 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:105 Resp: 480608
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3

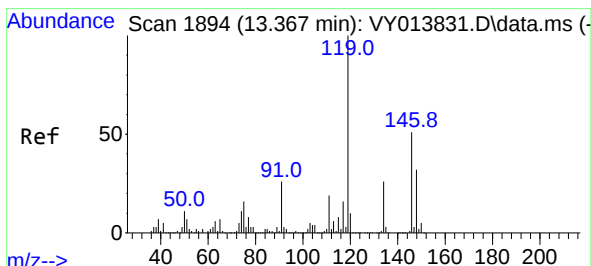
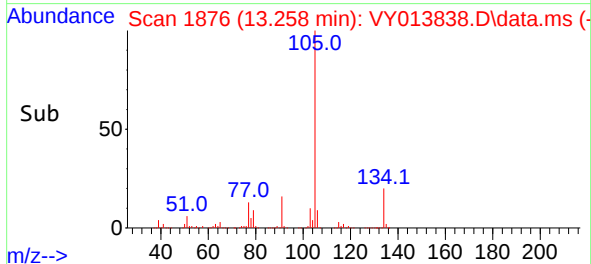
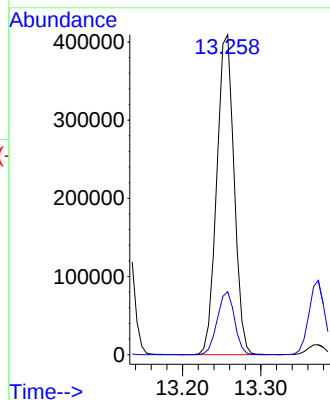
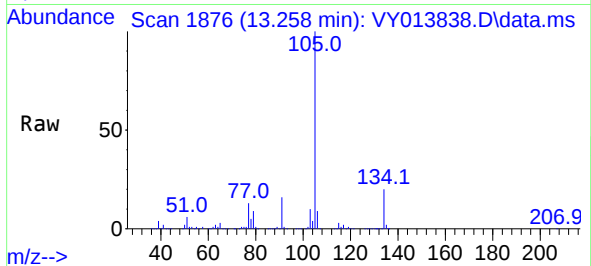




#85
 sec-Butylbenzene
 Concen: 48.101 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY013838.D
 Acq: 24 May 2023 11:31

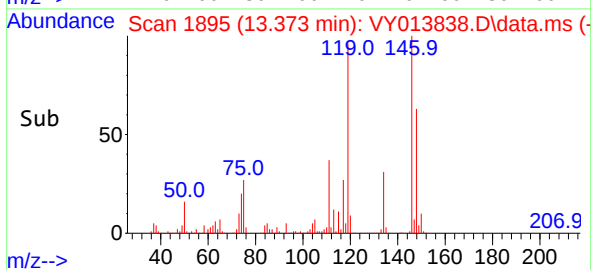
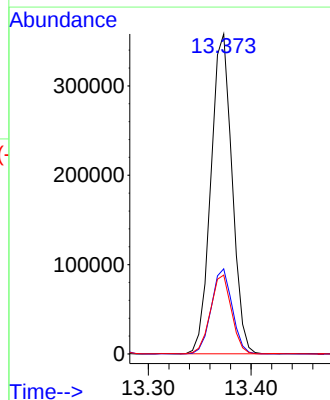
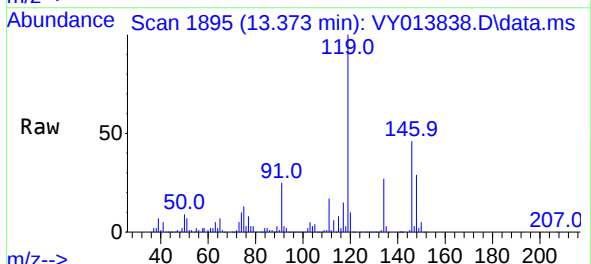
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

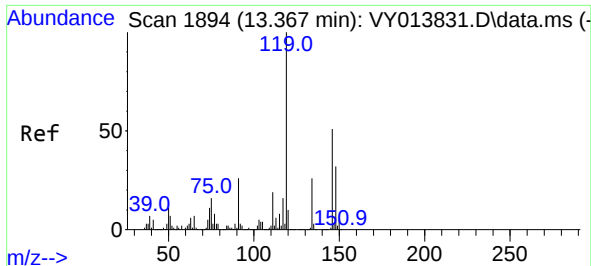
Tgt Ion:105 Resp: 630333
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 47.240 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013838.D
 Acq: 24 May 2023 11:31

Tgt Ion:119 Resp: 511650
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 24.5 12.4 37.4

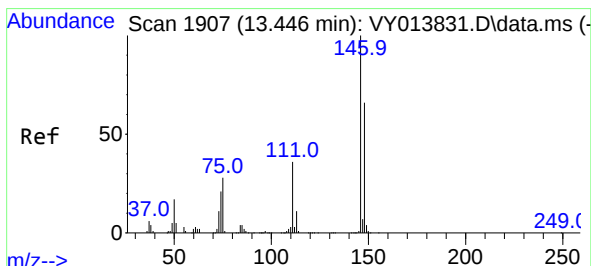
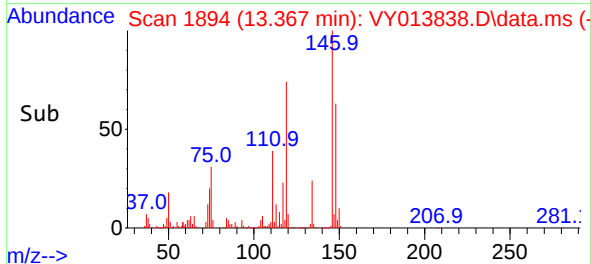
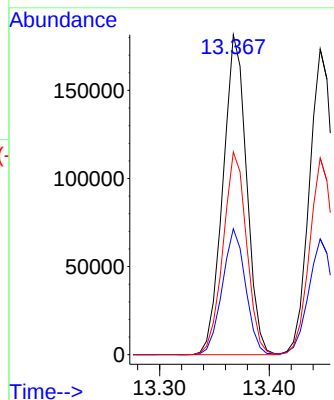
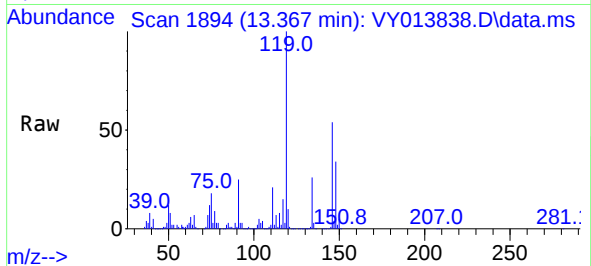




#87
1,3-Dichlorobenzene
Concen: 46.782 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

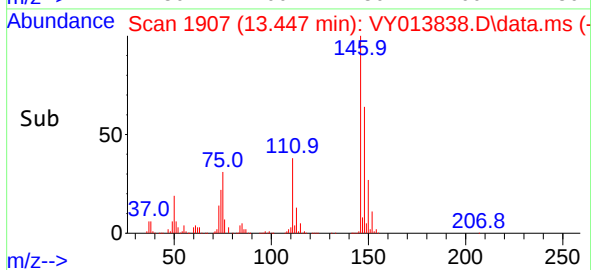
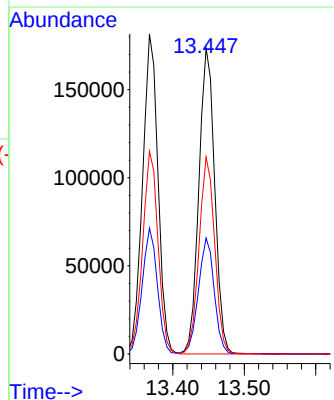
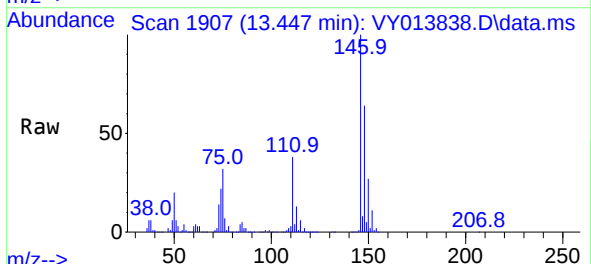
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

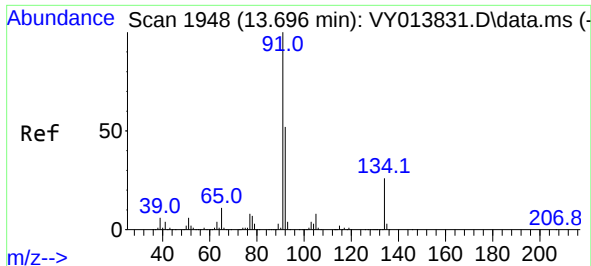
Tgt Ion:146 Resp: 272041
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 63.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 46.091 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:146 Resp: 266842
Ion Ratio Lower Upper
146 100
111 37.8 18.6 55.8
148 63.5 32.4 97.2

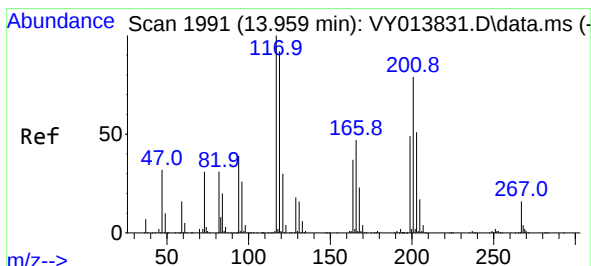
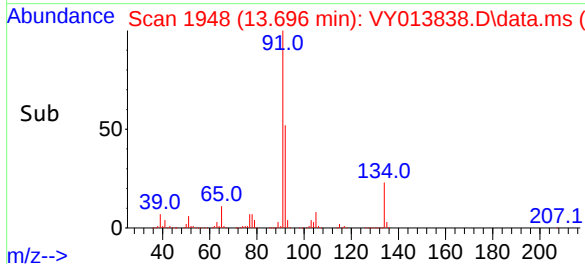
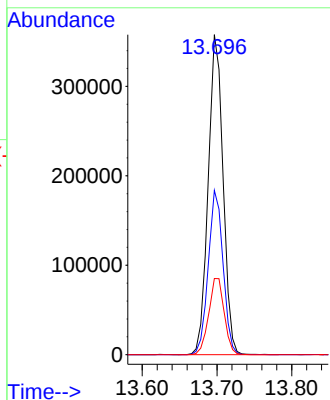
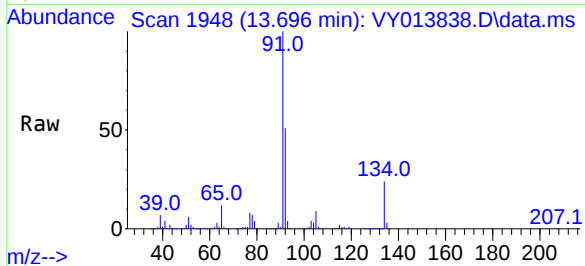




#89
n-Butylbenzene
Concen: 47.584 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

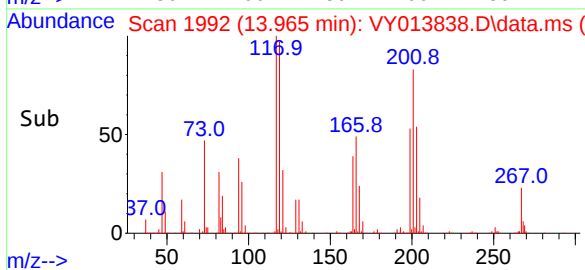
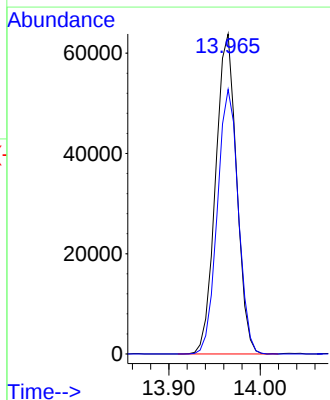
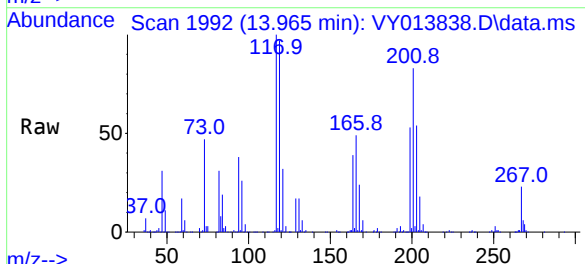
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

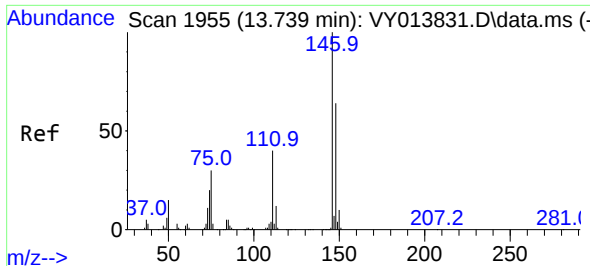
Tgt Ion: 91 Resp: 494226
Ion Ratio Lower Upper
91 100
92 51.2 25.6 76.6
134 24.9 13.0 38.9



#90
Hexachloroethane
Concen: 45.875 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 117 Resp: 102015
Ion Ratio Lower Upper
117 100
201 82.5 42.3 126.8

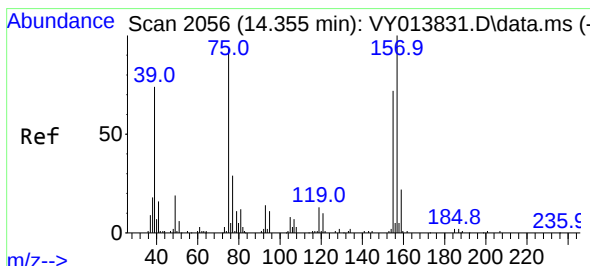
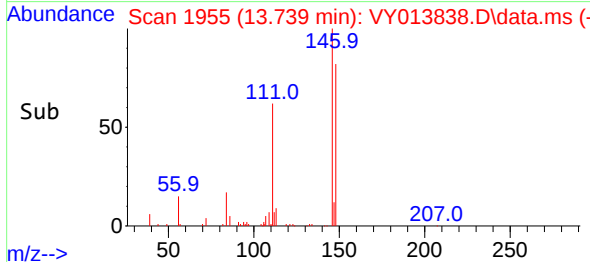
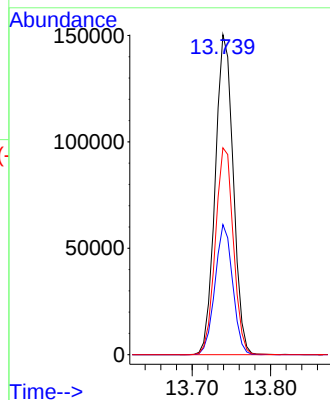
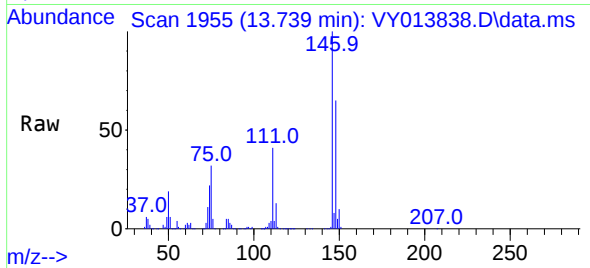




#91
1,2-Dichlorobenzene
Concen: 46.487 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

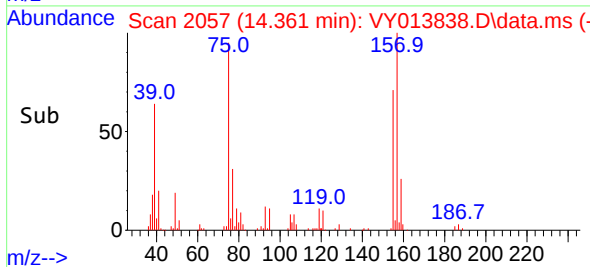
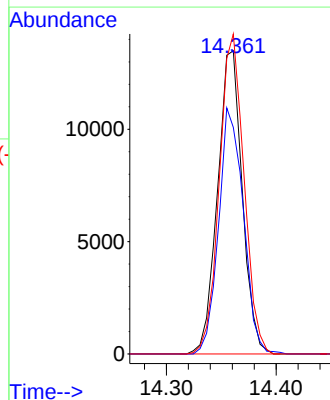
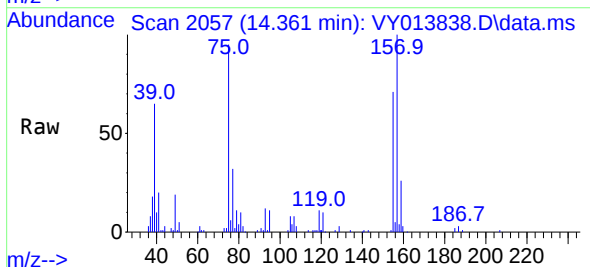
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

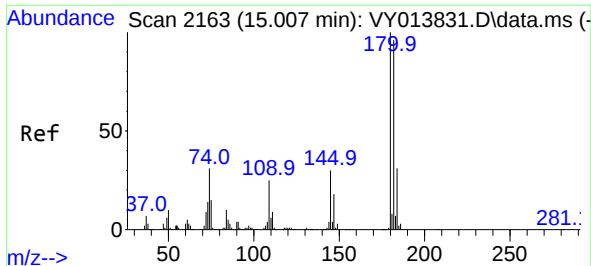
Tgt Ion:146 Resp: 240246
Ion Ratio Lower Upper
146 100
111 39.8 19.6 58.8
148 64.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.512 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion: 75 Resp: 21144
Ion Ratio Lower Upper
75 100
155 81.1 39.9 119.6
157 105.1 54.6 163.8

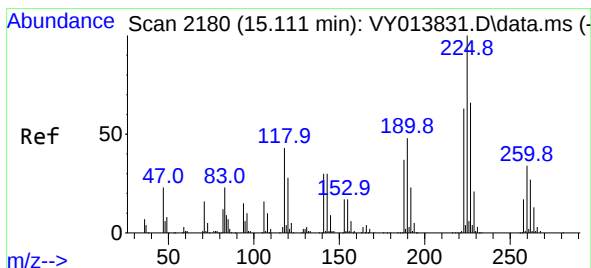
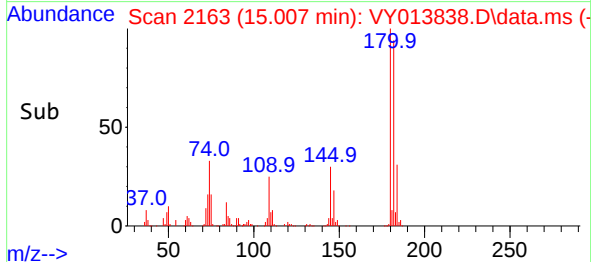
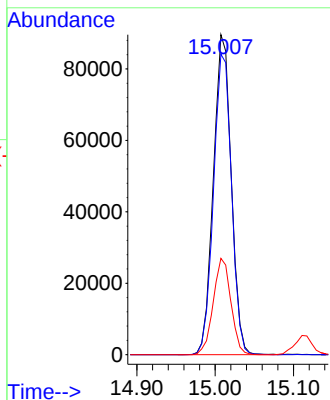
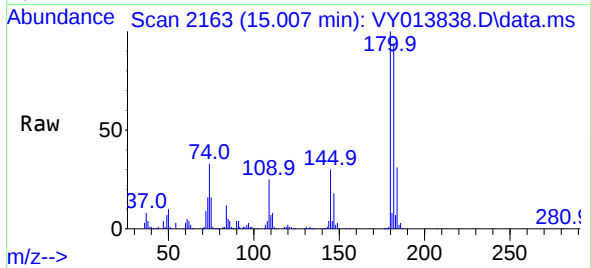




#93
1,2,4-Trichlorobenzene
Concen: 44.374 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

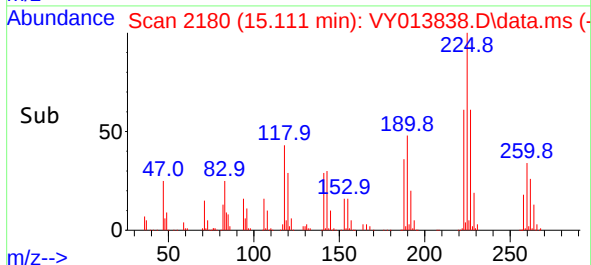
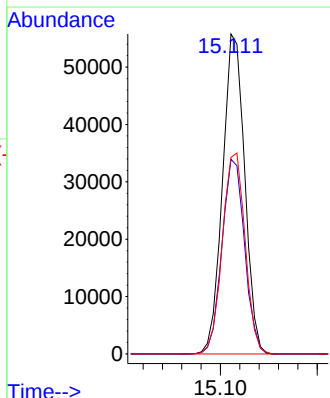
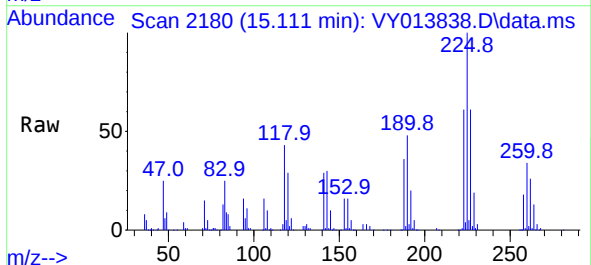
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

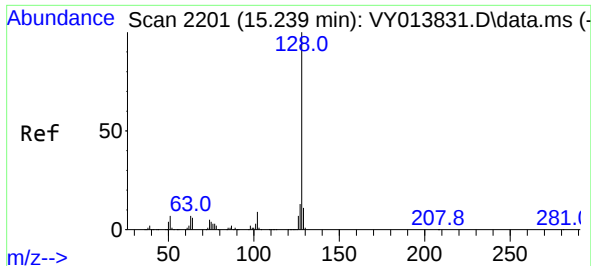
Tgt Ion:180 Resp: 142168
Ion Ratio Lower Upper
180 100
182 94.6 48.1 144.3
145 29.7 14.8 44.4



#94
Hexachlorobutadiene
Concen: 43.786 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:225 Resp: 88451
Ion Ratio Lower Upper
225 100
223 62.3 31.3 93.9
227 64.6 32.9 98.6

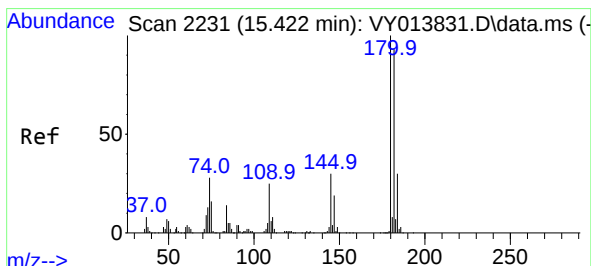
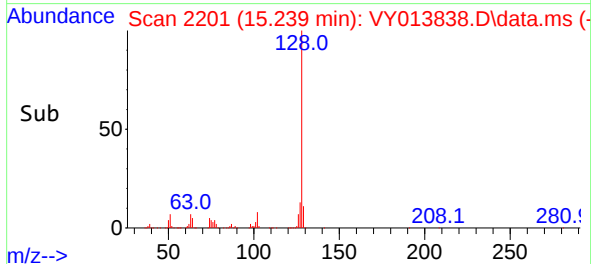
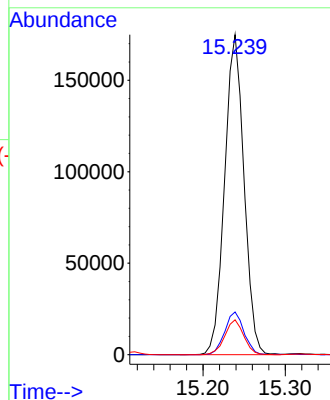
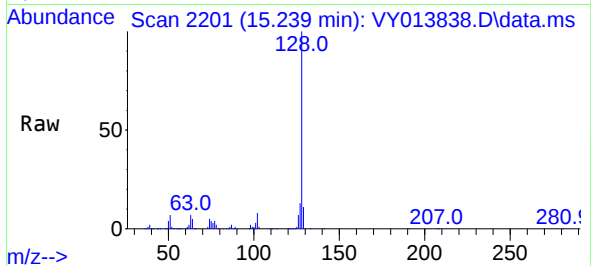




#95
Naphthalene
Concen: 41.606 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 286833
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.7 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 43.892 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013838.D
Acq: 24 May 2023 11:31

Tgt Ion:180 Resp: 125055
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.2
145 31.8 15.5 46.5

