

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014773.D
 Acq On : 24 Jul 2023 15:31
 Operator : SY/MD
 Sample : 03706-06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P20B

Quant Time: Jul 24 16:10:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

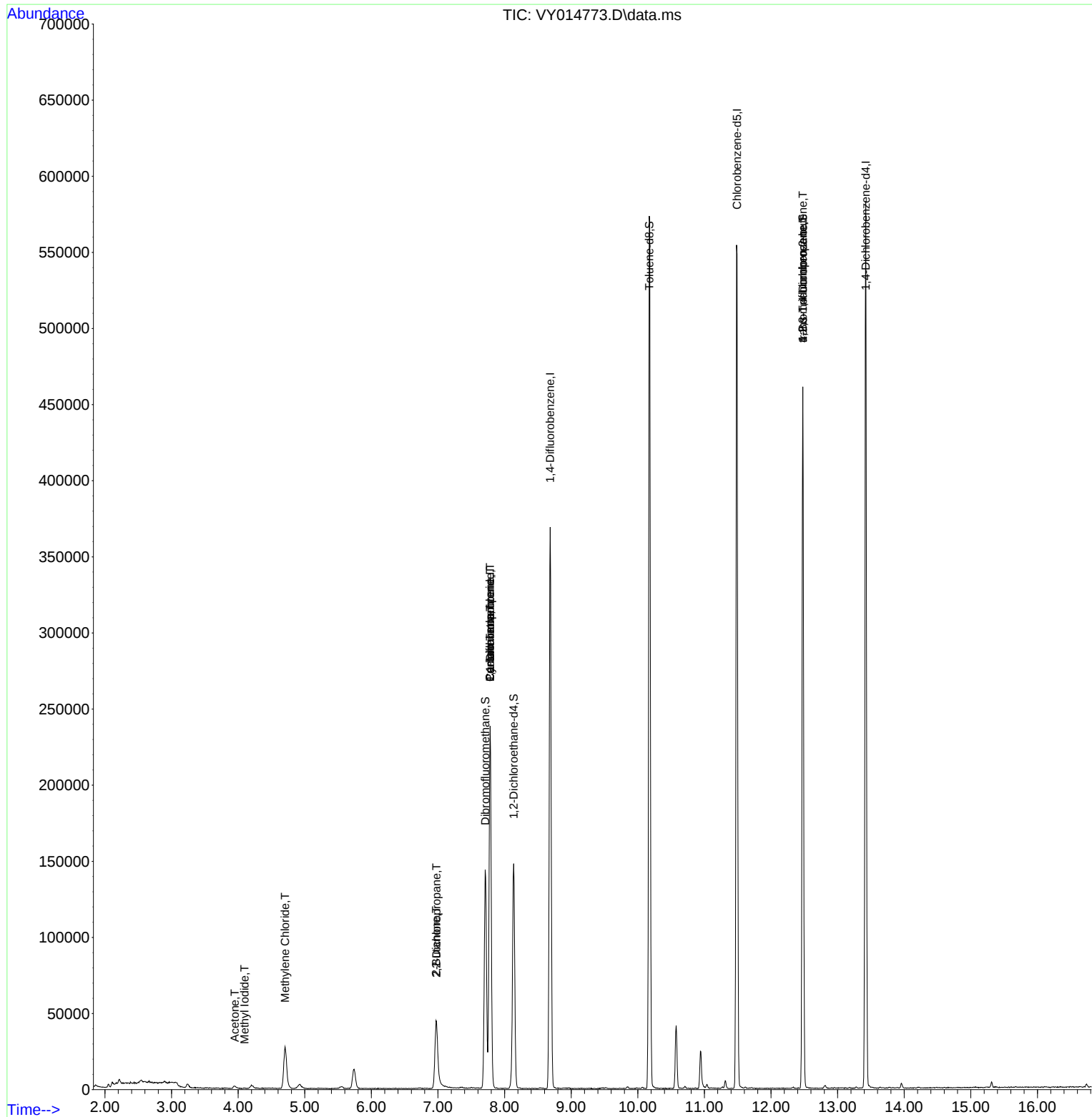
Internal Standards						
1) Pentafluorobenzene	7.783	168	184973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	306883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114012	54.090	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.180%			
35) Dibromofluoromethane	7.710	113	101918	49.579	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.160%			
50) Toluene-d8	10.173	98	382583	50.480	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.960%			
62) 4-Bromofluorobenzene	12.477	95	140789	48.447	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.900%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.095	142	148	2.438	ug/l #	38
11) Tert butyl alcohol	4.918	59	3552	Below Cal	#	89
16) Acetone	3.948	43	2939	4.400	ug/l	94
20) Methylene Chloride	4.704	84	20590	5.752	ug/l	92
25) 2-Butanone	6.972	43	2839	2.905	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	3727	1.039	ug/l #	54
31) Cyclohexane	7.783	56	3903	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15199	4.944	ug/l #	49
38) Carbon Tetrachloride	7.783	117	18916	5.821	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	75104	40.619	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75104	78.645	ug/l #	11

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
B-P20B

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Quant Title : SW846 8260
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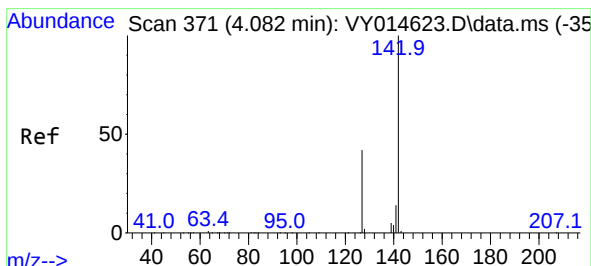
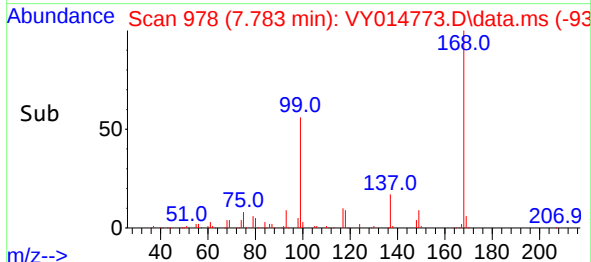
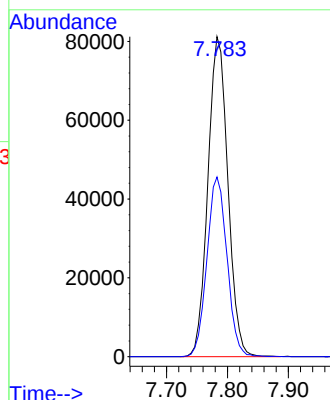
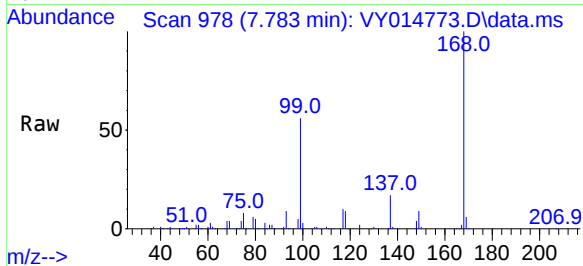




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

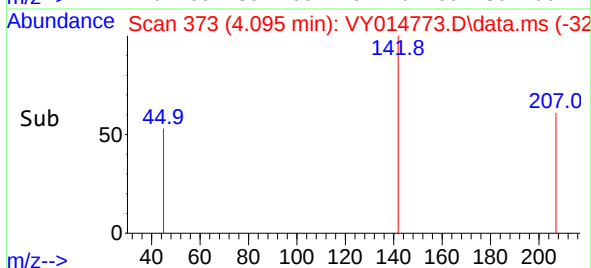
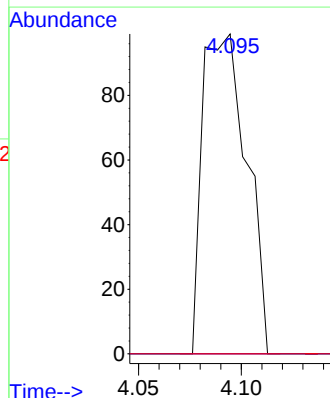
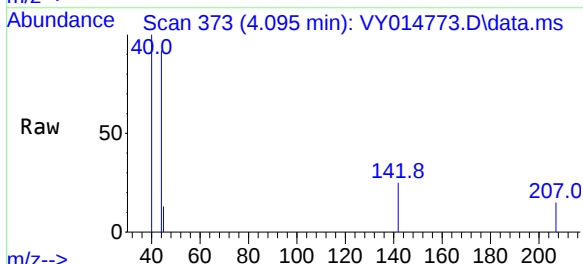
Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

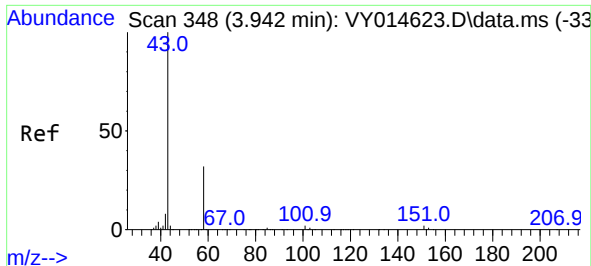
Tgt Ion:168 Resp: 184973
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#10
Methyl Iodide
Concen: 2.438 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

Tgt Ion:142 Resp: 148
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

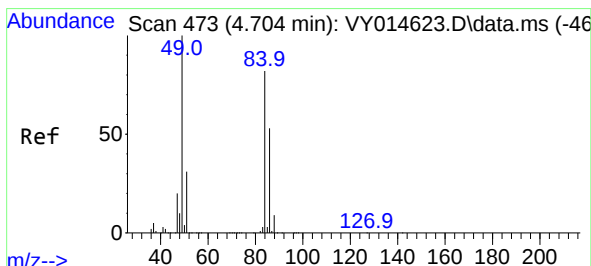
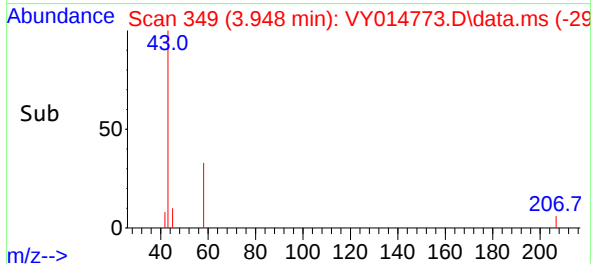
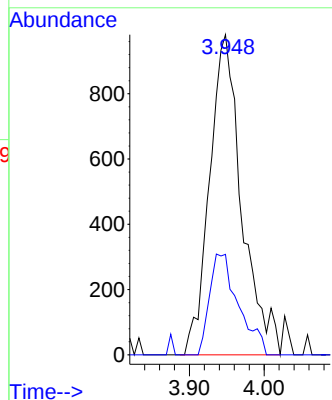
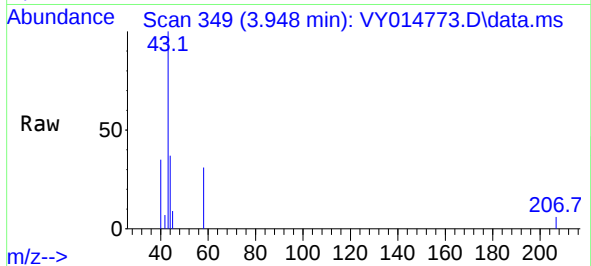




#16
Acetone
Concen: 4.400 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

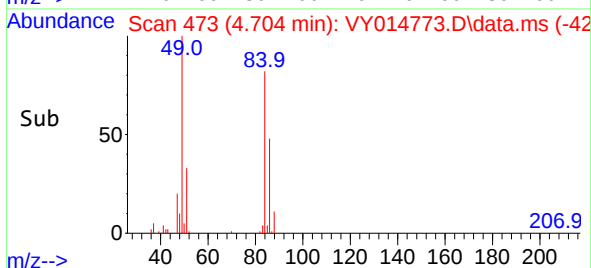
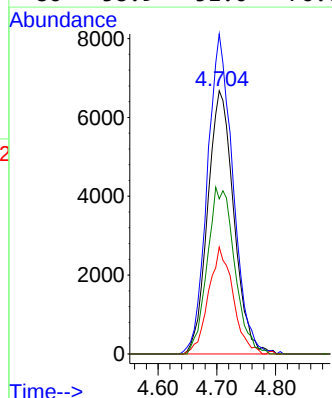
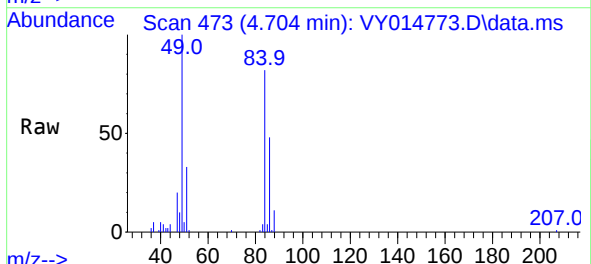
Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

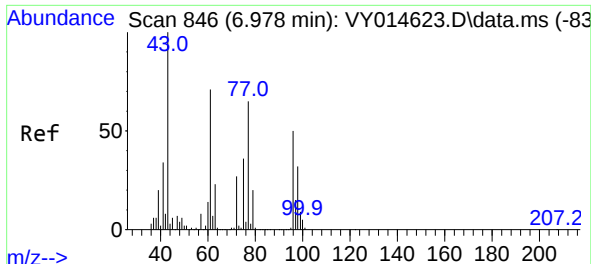
Tgt Ion: 43 Resp: 2939
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1



#20
Methylene Chloride
Concen: 5.752 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

Tgt Ion: 84 Resp: 20590
Ion Ratio Lower Upper
84 100
49 121.6 106.9 160.3
51 40.6 33.2 49.8
86 58.9 51.0 76.6

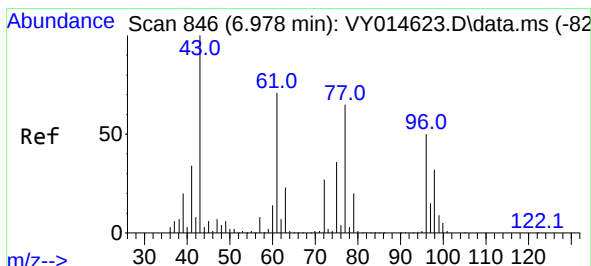
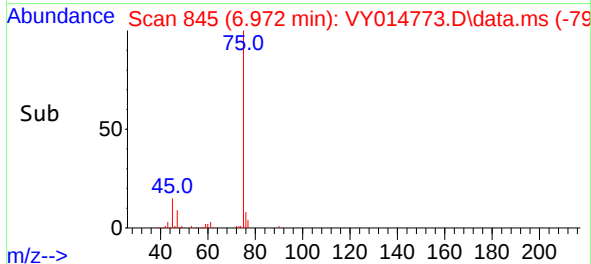
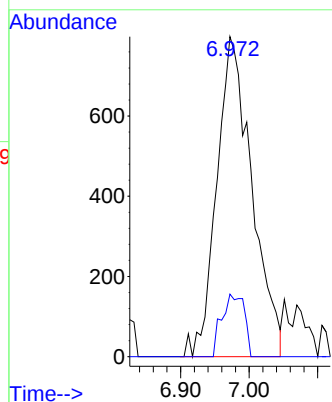
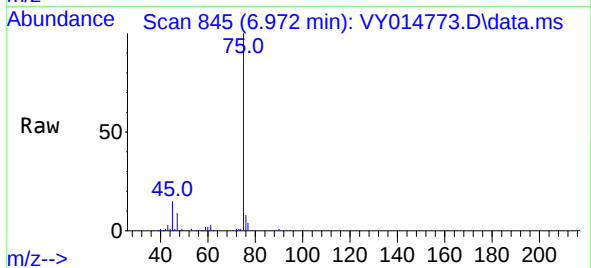




#25
2-Butanone
Concen: 2.905 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

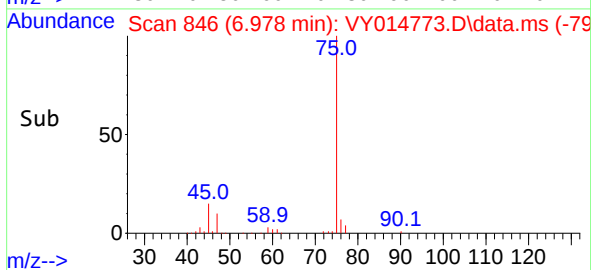
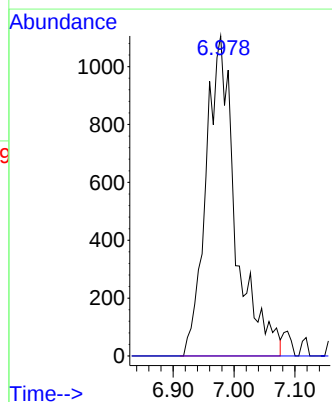
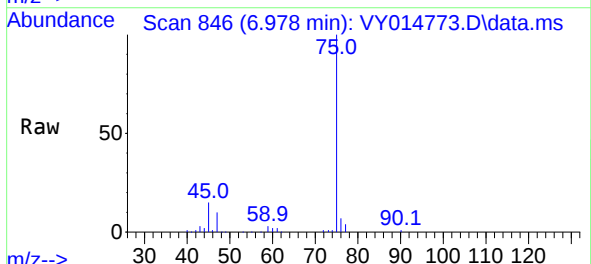
Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

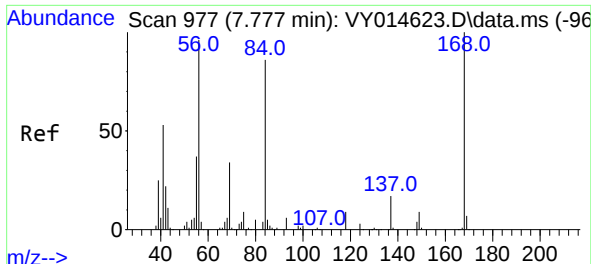
Tgt Ion: 43 Resp: 2839
Ion Ratio Lower Upper
43 100
72 19.5 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.039 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

Tgt Ion: 77 Resp: 3727
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

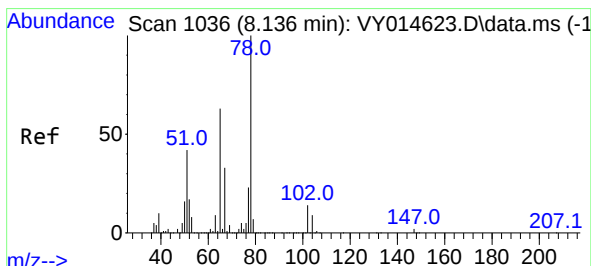
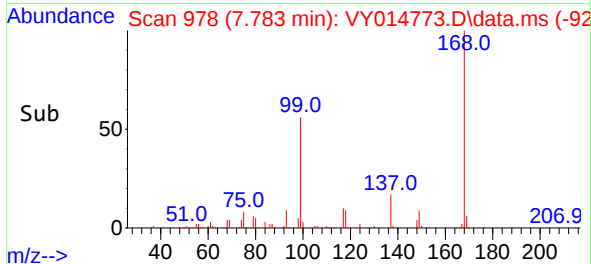
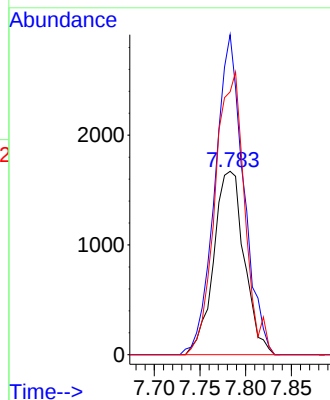
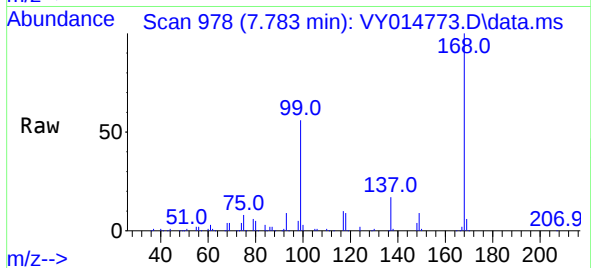




#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

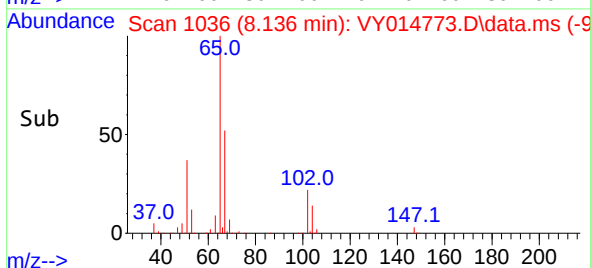
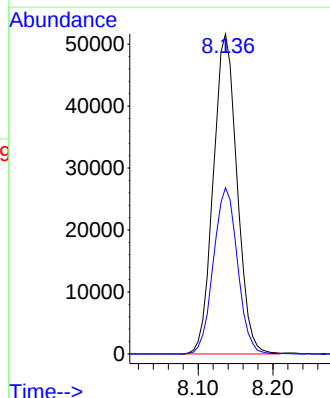
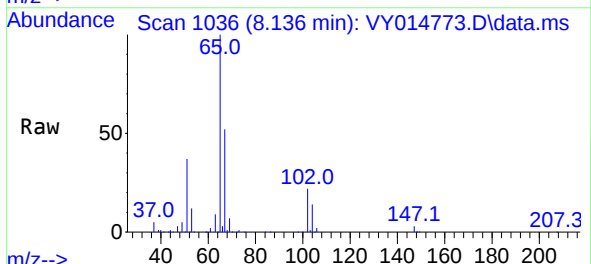
Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

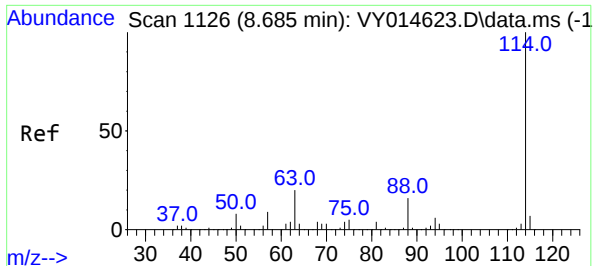
Tgt Ion: 56 Resp: 3903
Ion Ratio Lower Upper
56 100
69 174.5 27.8 41.6#
84 149.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.090 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

Tgt Ion: 65 Resp: 114012
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

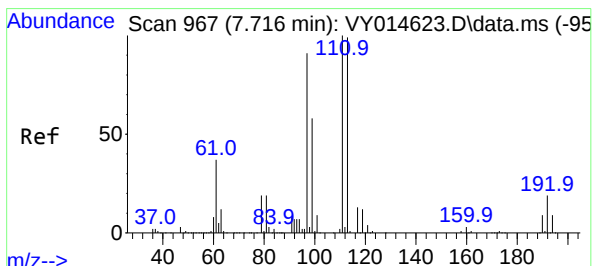
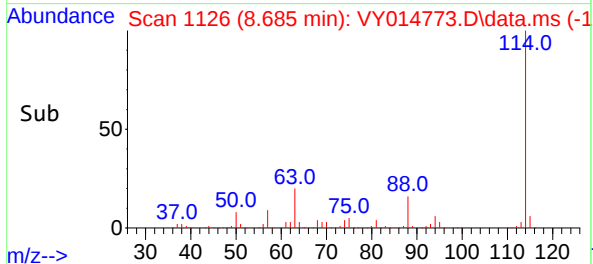
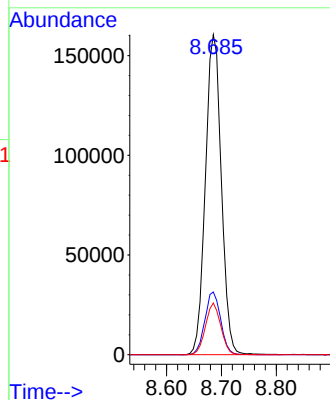
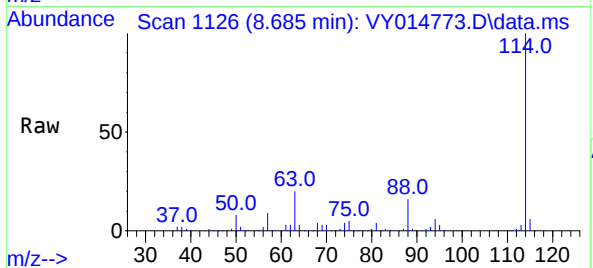




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

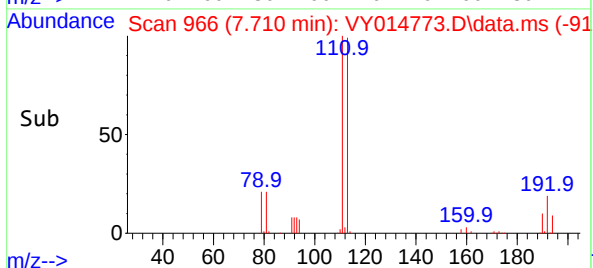
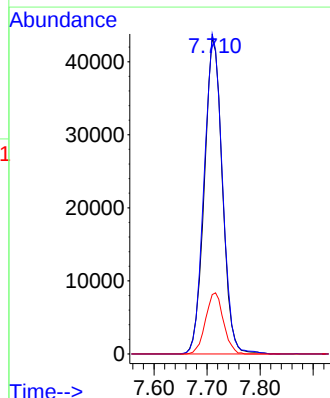
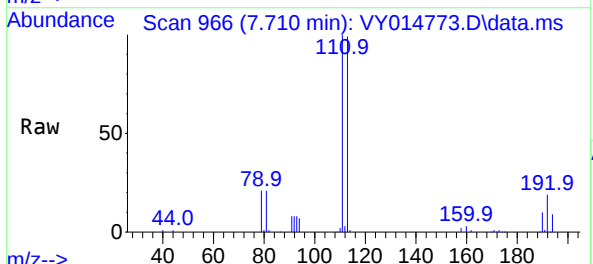
Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

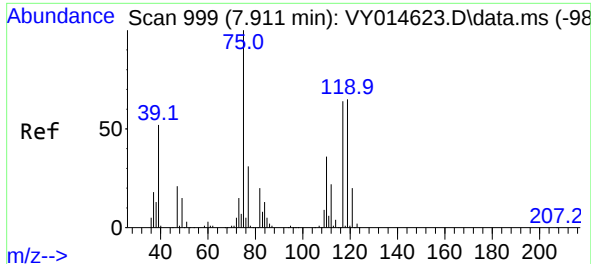
Tgt Ion:114 Resp: 322929
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.579 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

Tgt Ion:113 Resp: 101918
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.944 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

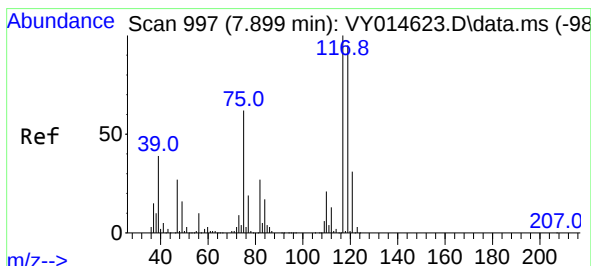
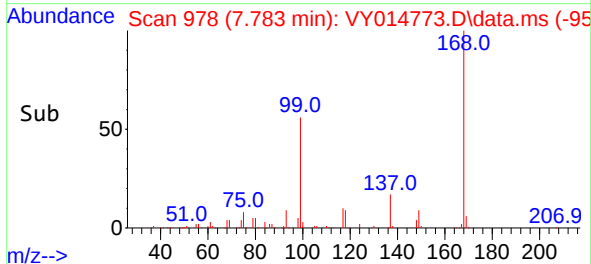
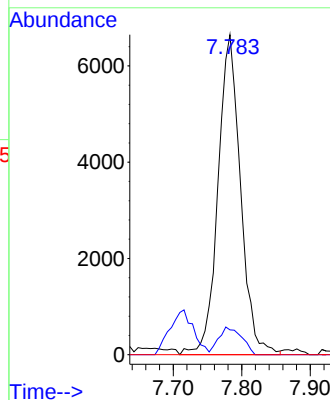
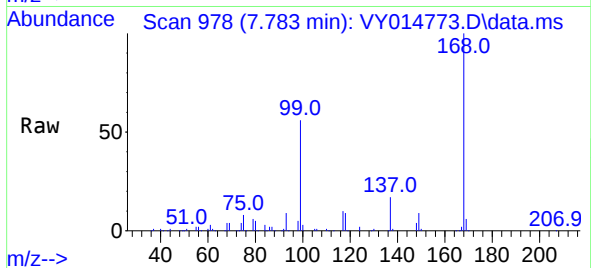
Lab File: VY014773.D

Acq: 24 Jul 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

Tgt Ion: 75 Resp: 15199

Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.8	53.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.821 ug/l

RT: 7.783 min Scan# 978

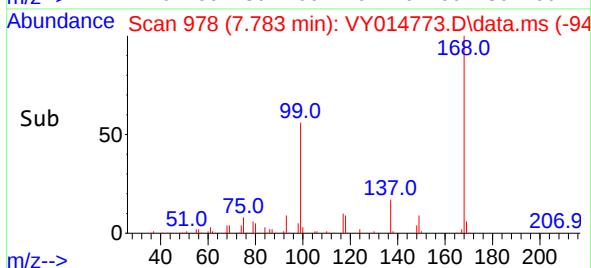
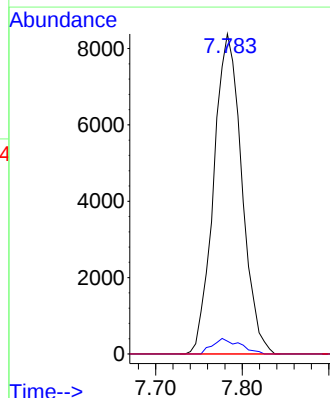
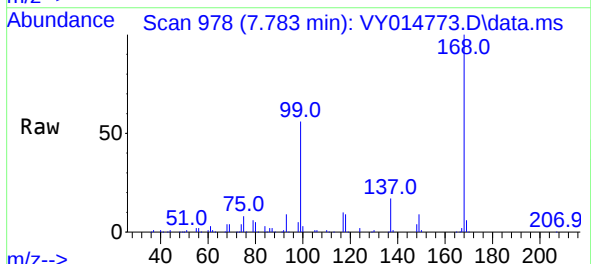
Delta R.T. -0.116 min

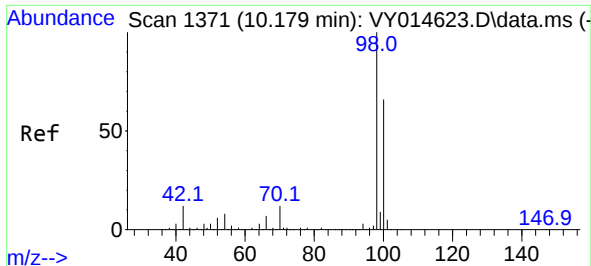
Lab File: VY014773.D

Acq: 24 Jul 2023 15:31

Tgt Ion: 117 Resp: 18916

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.4	114.6#
121	0.0	25.8	38.6#

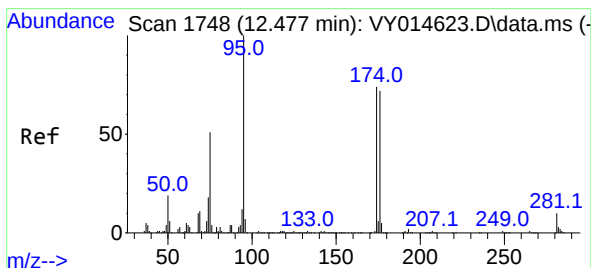
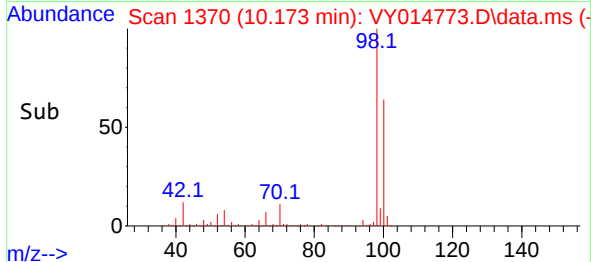
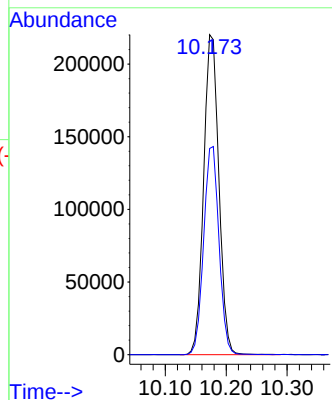
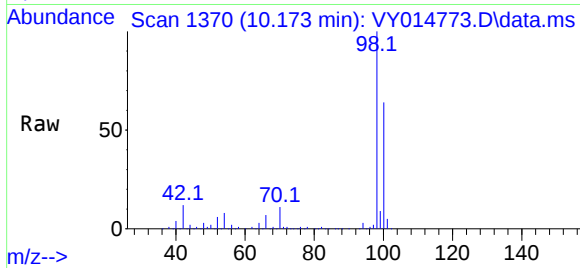




#50
Toluene-d8
Concen: 50.480 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

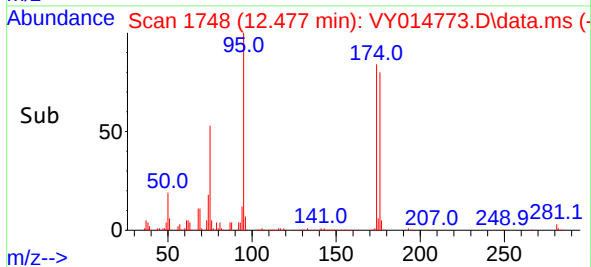
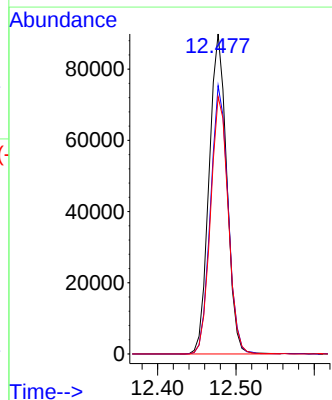
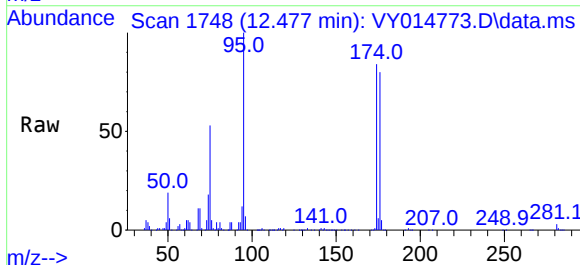
Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

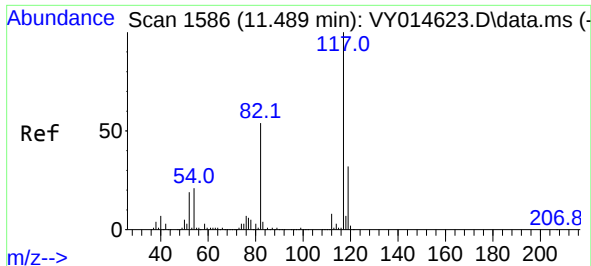
Tgt Ion: 98 Resp: 382583
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.447 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

Tgt Ion: 95 Resp: 140789
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 80.1 0.0 173.8

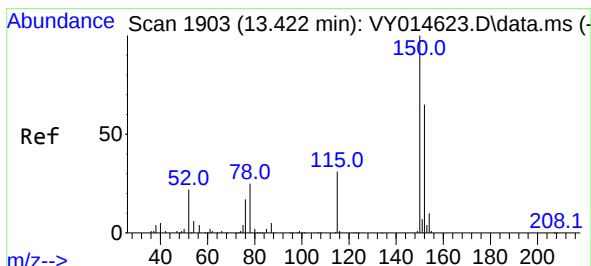
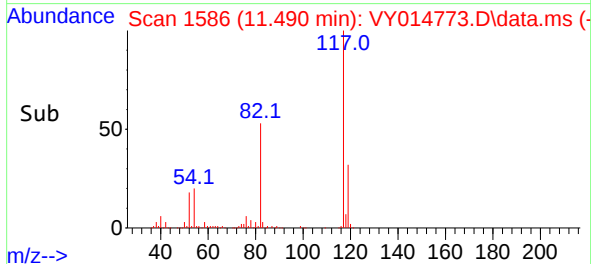
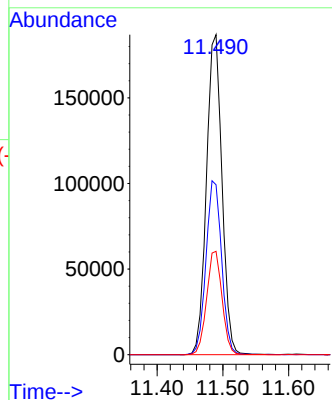
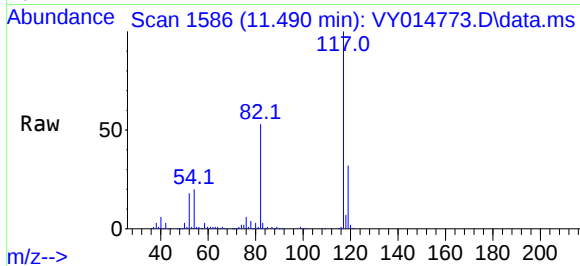




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

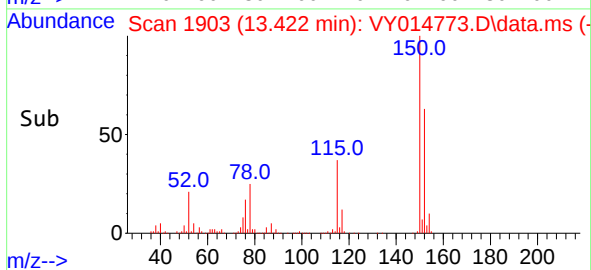
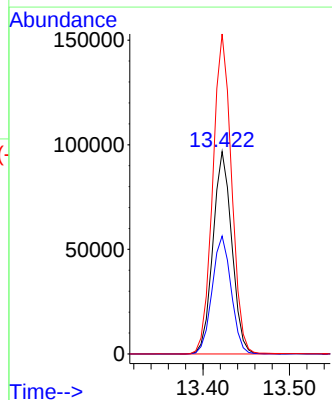
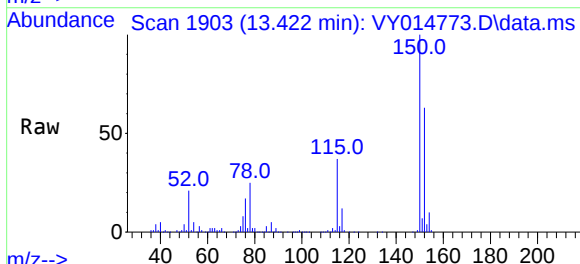
Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

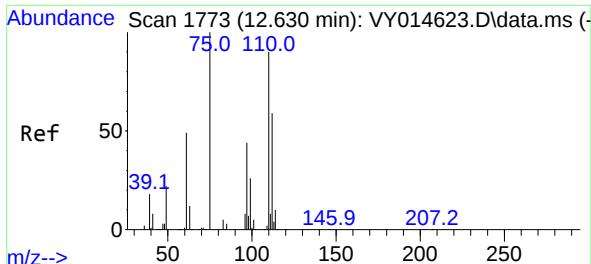
Tgt Ion:117 Resp: 306883
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

Tgt Ion:152 Resp: 146401
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 157.7 0.0 348.8

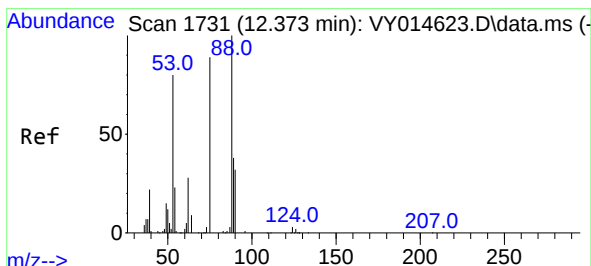
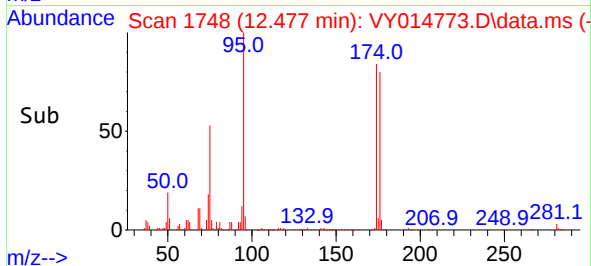
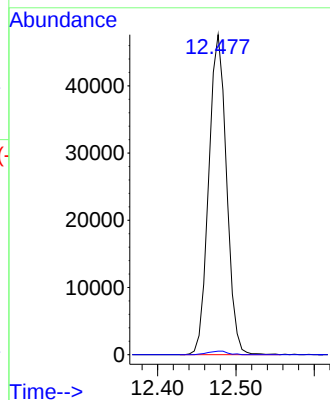
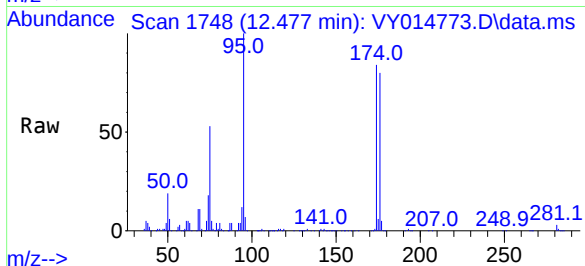




#76
1,2,3-Trichloropropane
Concen: 40.619 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
B-P20B

Tgt Ion: 75 Resp: 75104
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.645 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014773.D
Acq: 24 Jul 2023 15:31

Tgt Ion: 75 Resp: 75104
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

