

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014718.D
 Acq On : 20 Jul 2023 14:07
 Operator : SY/MD
 Sample : 03647-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1

Quant Time: Jul 20 14:21:46 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)

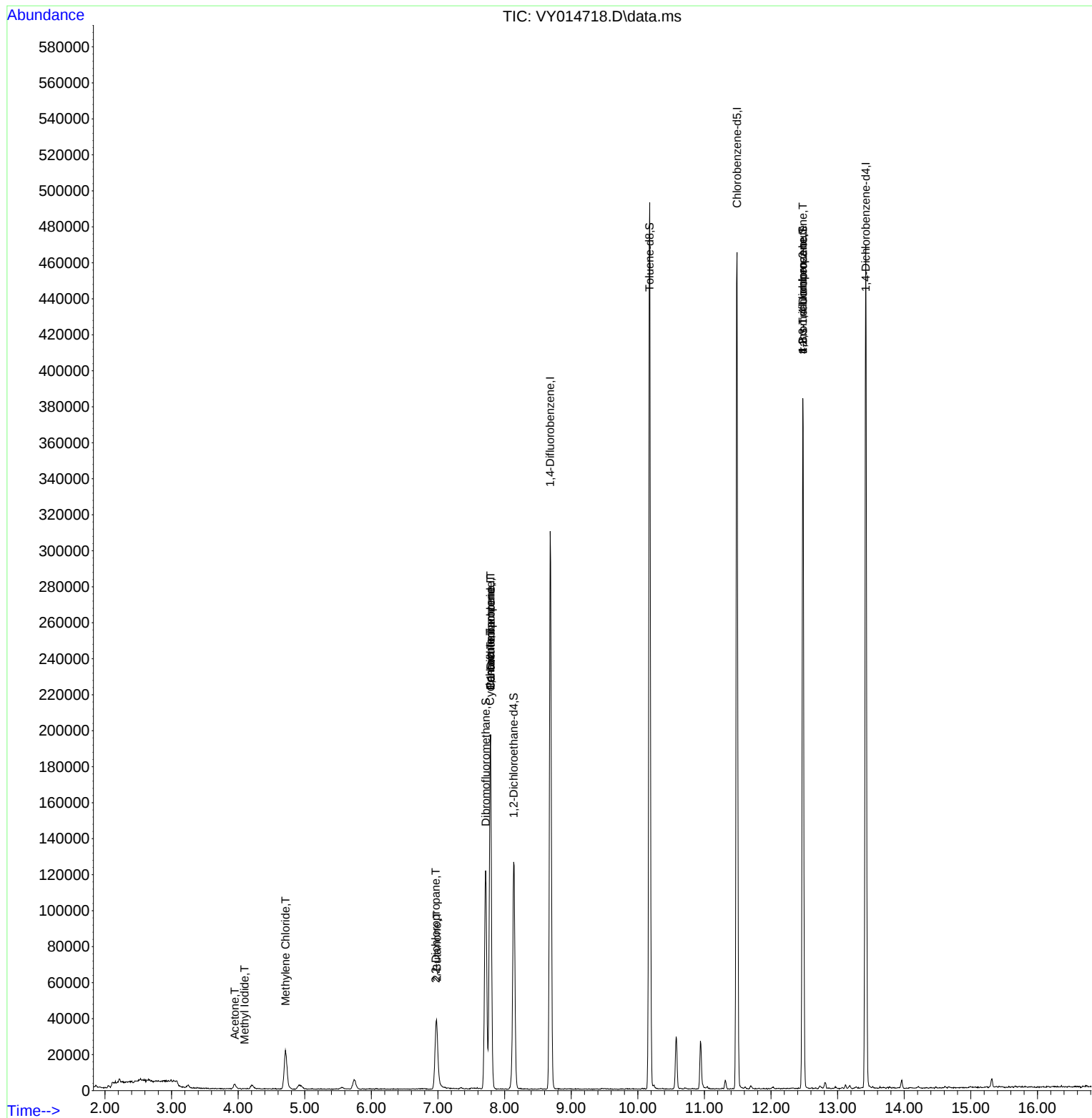
Internal Standards						
1) Pentafluorobenzene	7.789	168	152303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97829	56.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.740%	
35) Dibromofluoromethane	7.716	113	86540	50.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.500%	
50) Toluene-d8	10.179	98	320375	50.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.477	95	120449	49.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.940%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	145	2.451	ug/l #	38
11) Tert butyl alcohol	4.930	59	1665	Below Cal	#	89
16) Acetone	3.948	43	4457	8.104	ug/l	96
20) Methylene Chloride	4.710	84	15984	5.159	ug/l	85
25) 2-Butanone	6.984	43	2656	3.301	ug/l #	49
26) 2,2-Dichloropropane	6.966	77	3053	1.034	ug/l #	54
31) Cyclohexane	7.783	56	3180	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12099	4.698	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15293	5.617	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	62956	40.973	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62956	79.331	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014718.D
Acq On : 20 Jul 2023 14:07
Operator : SY/MD
Sample : 03647-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

Quant Time: Jul 20 14:21:46 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

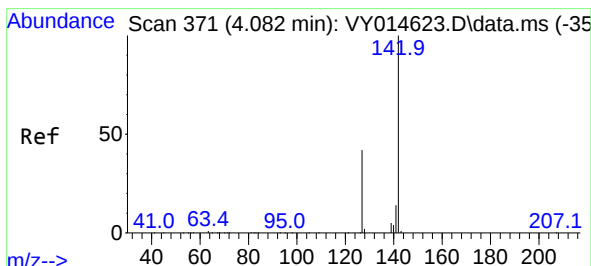
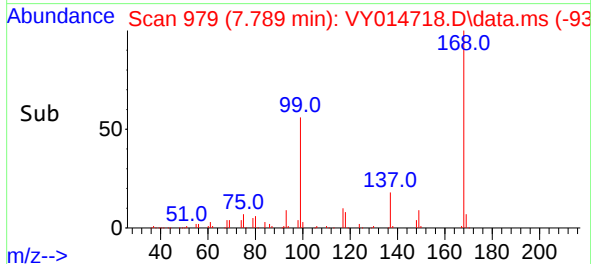
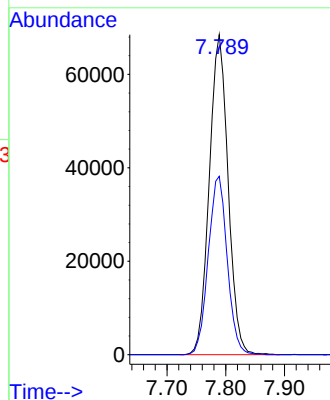
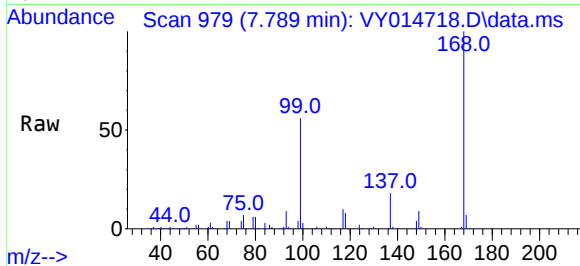




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

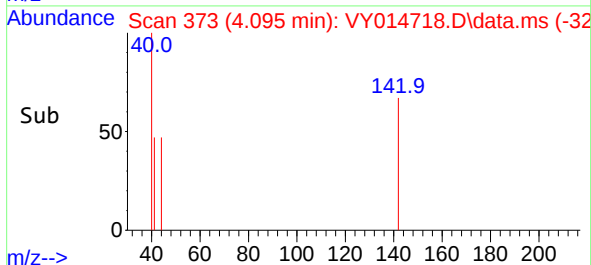
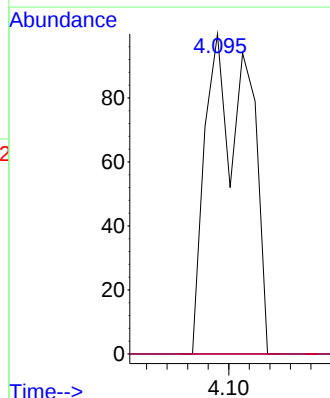
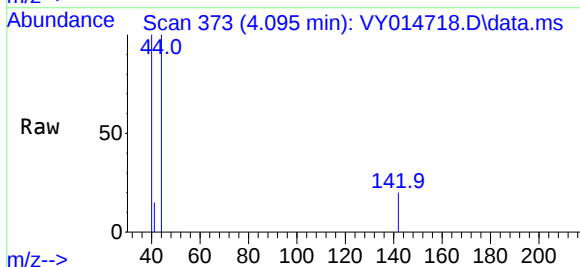
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

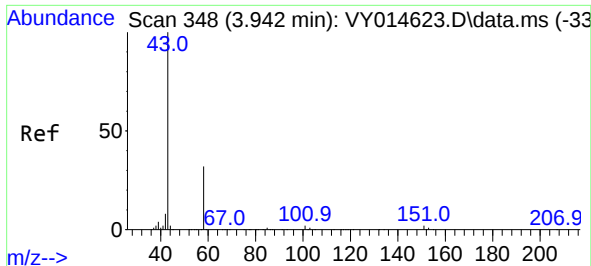
Tgt Ion:168 Resp: 152303
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#10
Methyl Iodide
Concen: 2.451 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Tgt Ion:142 Resp: 145
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

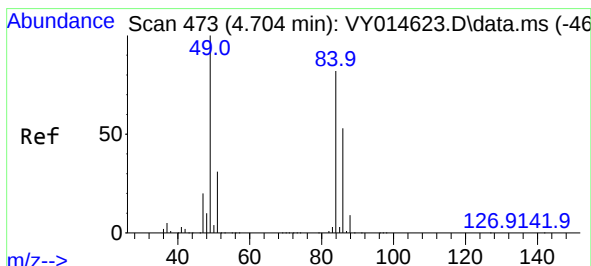
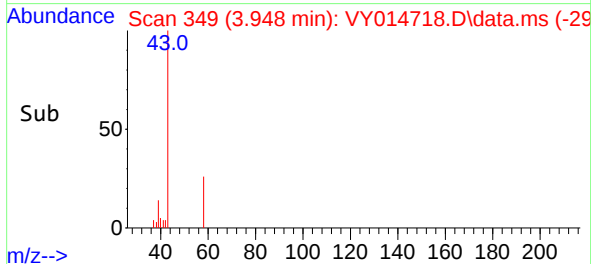
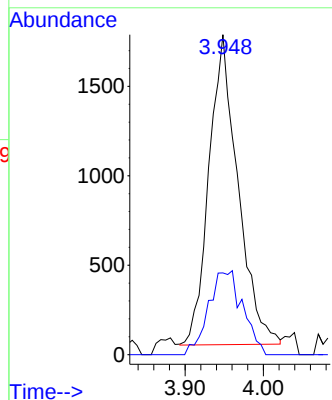
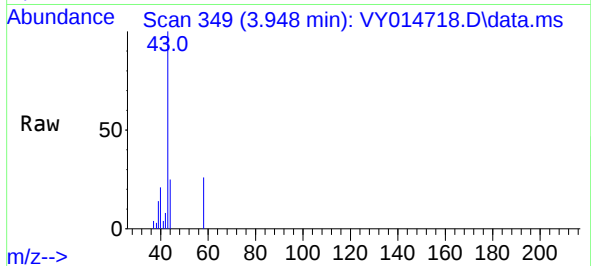




#16
Acetone
Concen: 8.104 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

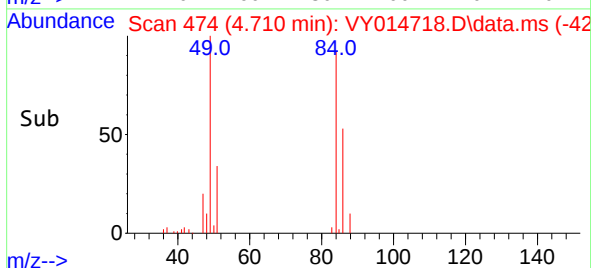
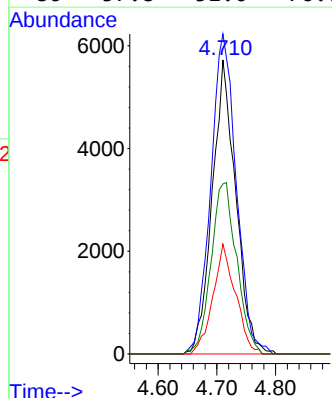
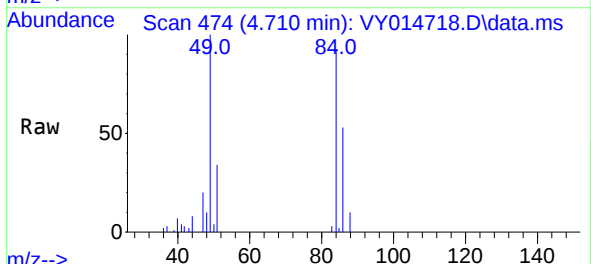
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

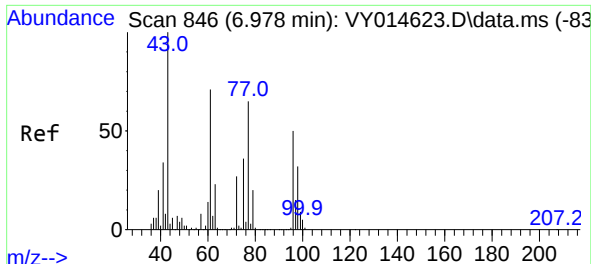
Tgt Ion: 43 Resp: 4457
Ion Ratio Lower Upper
43 100
58 26.4 22.7 34.1



#20
Methylene Chloride
Concen: 5.159 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Tgt Ion: 84 Resp: 15984
Ion Ratio Lower Upper
84 100
49 108.8 106.9 160.3
51 37.3 33.2 49.8
86 57.8 51.0 76.6

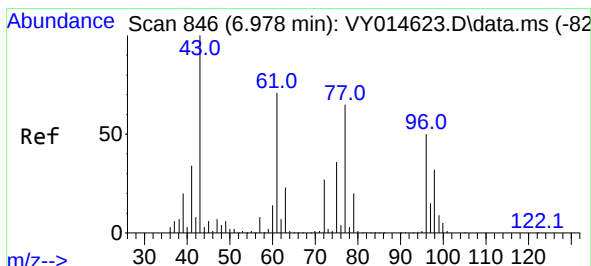
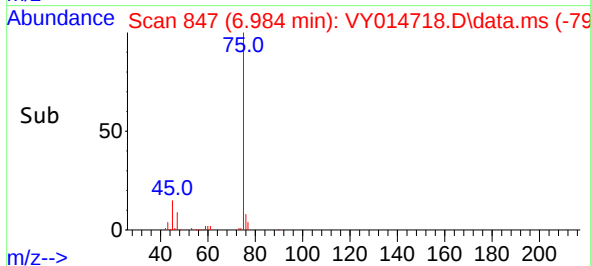
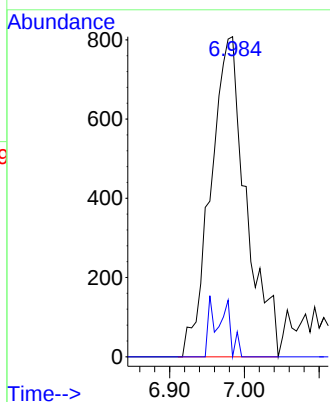
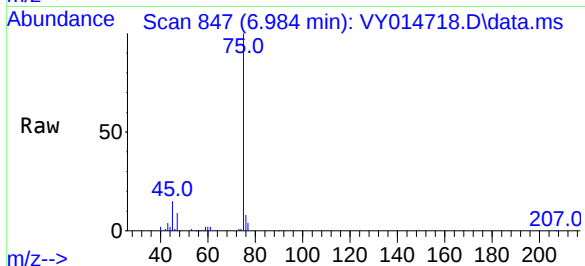




#25
2-Butanone
Concen: 3.301 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

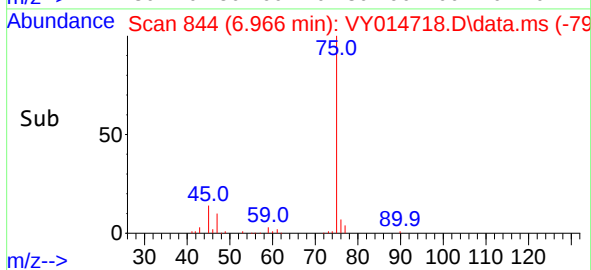
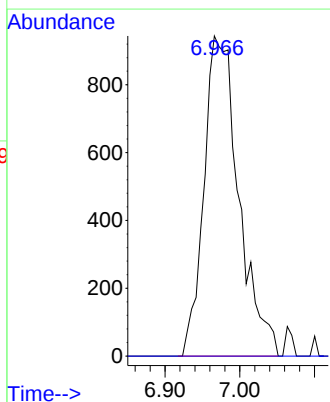
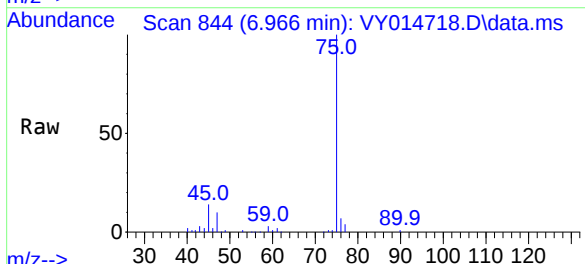
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

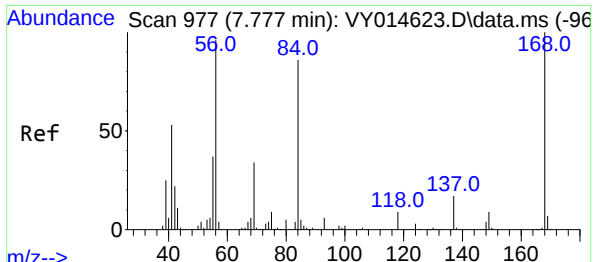
Tgt Ion: 43 Resp: 2656
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.034 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Tgt Ion: 77 Resp: 3053
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

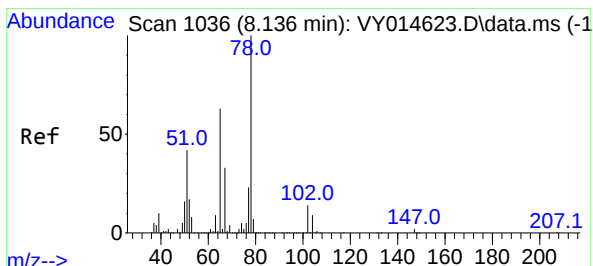
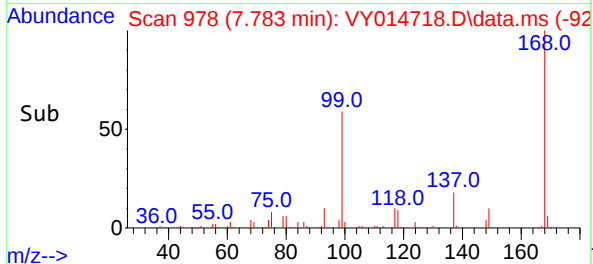
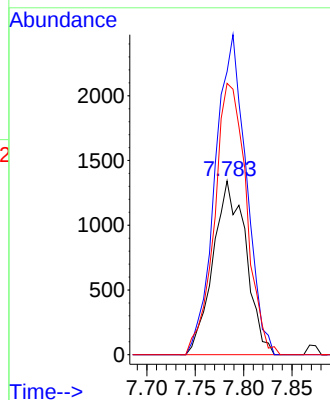
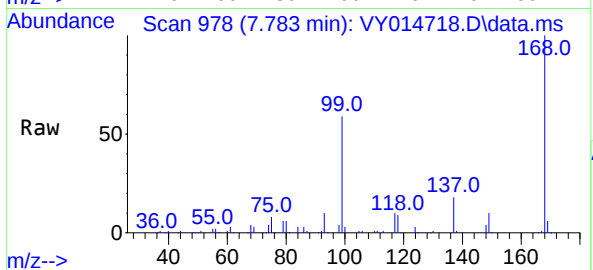




#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

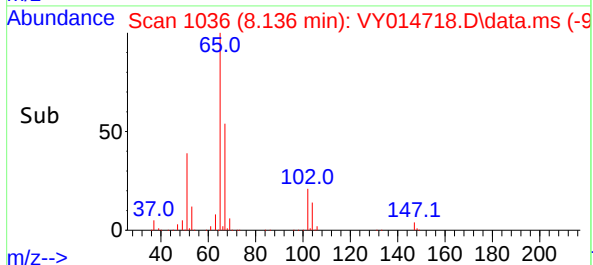
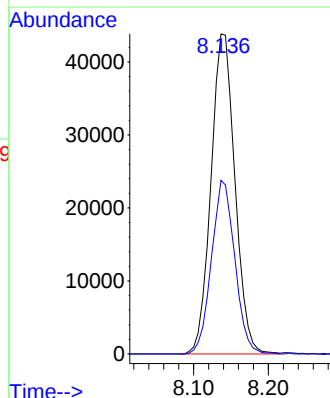
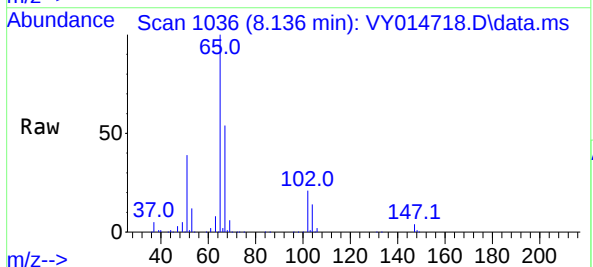
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

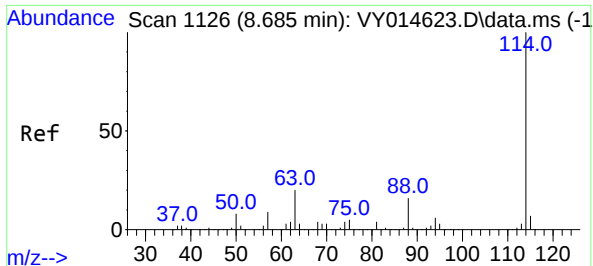
Tgt Ion: 56 Resp: 3180
Ion Ratio Lower Upper
56 100
69 162.8 27.8 41.6#
84 156.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.368 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Tgt Ion: 65 Resp: 97829
Ion Ratio Lower Upper
65 100
67 52.8 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: VY014718.D

Acq: 20 Jul 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1

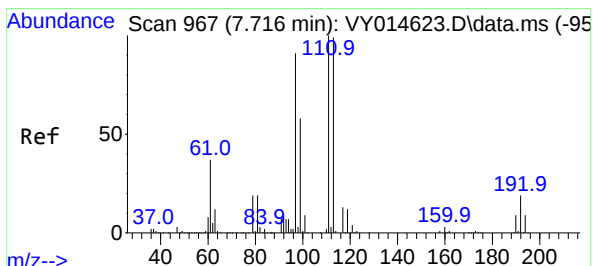
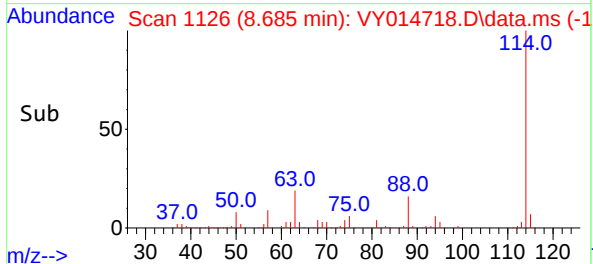
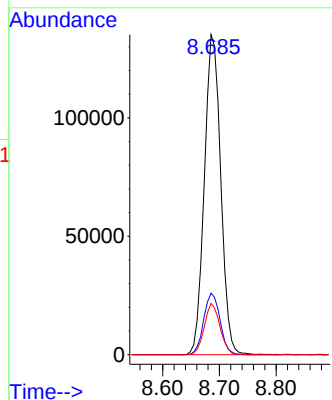
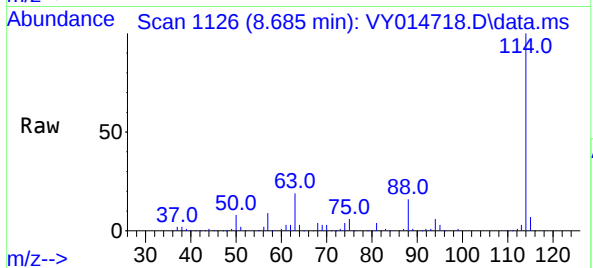
Tgt Ion:114 Resp: 270553

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.247 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014718.D

Acq: 20 Jul 2023 14:07

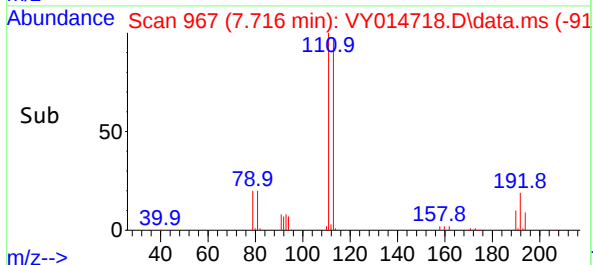
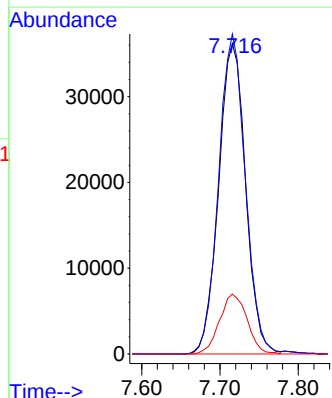
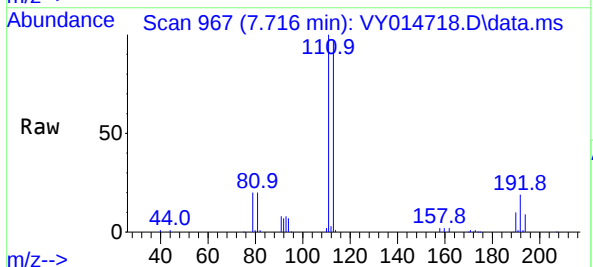
Tgt Ion:113 Resp: 86540

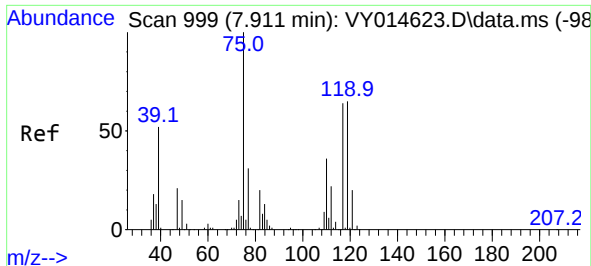
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.7 16.9 25.3

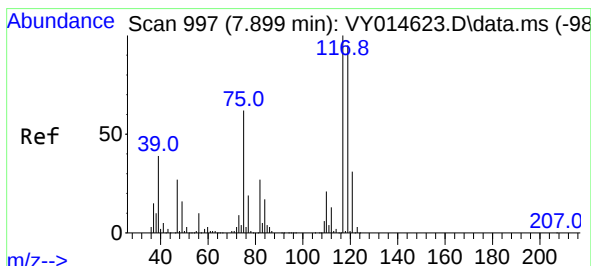
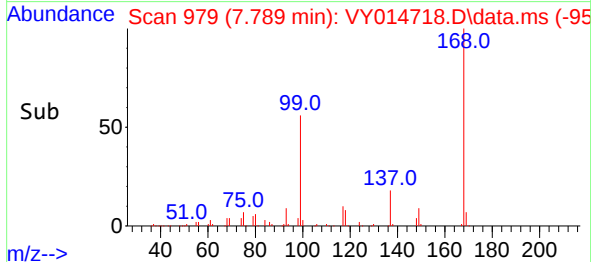
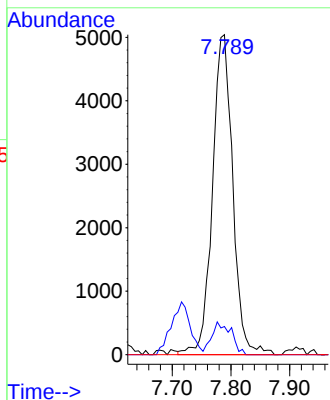
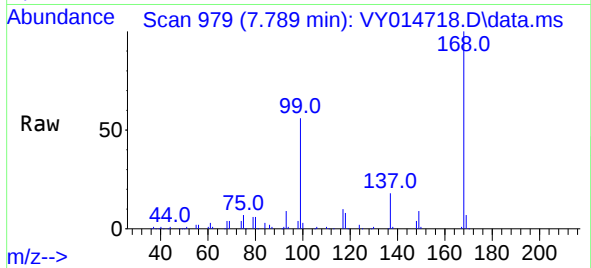




#36
1,1-Dichloropropene
Concen: 4.698 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.122 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

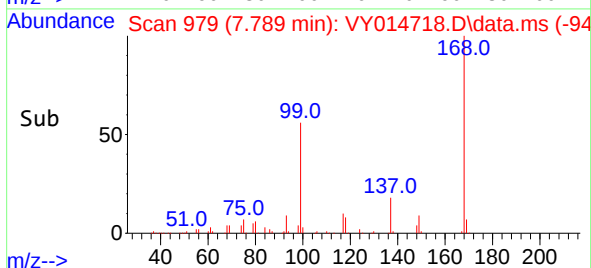
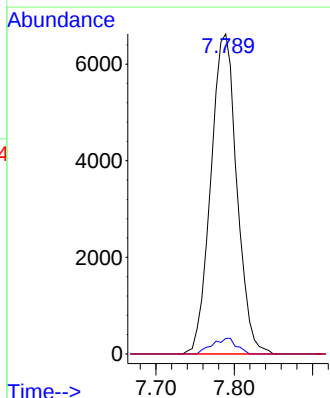
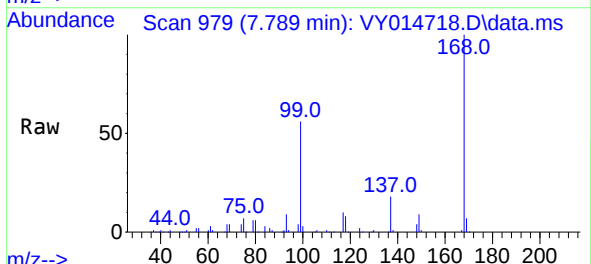
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

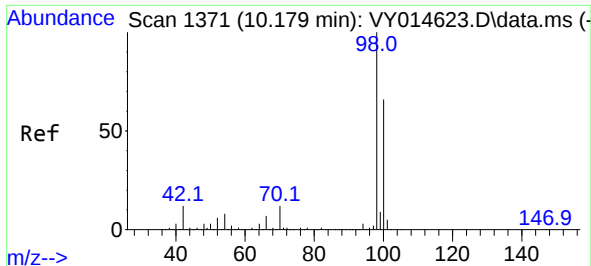
Tgt Ion: 75 Resp: 12099
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Tgt Ion: 117 Resp: 15293
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#

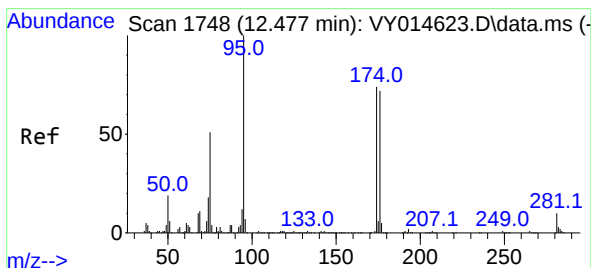
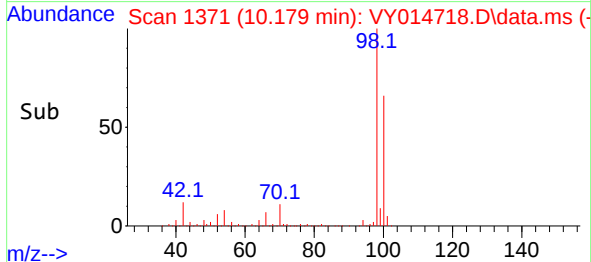
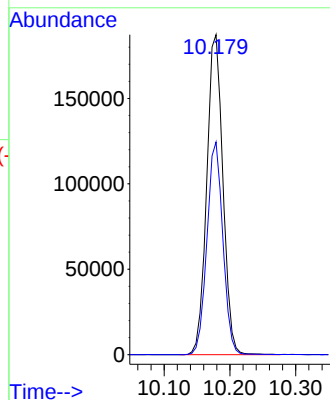
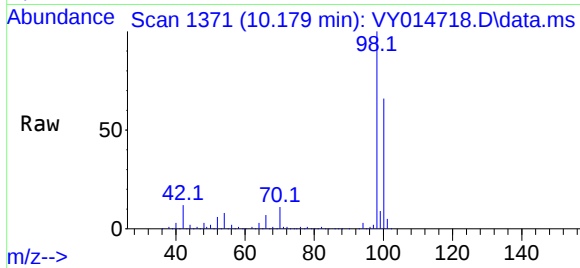




#50
Toluene-d8
Concen: 50.455 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

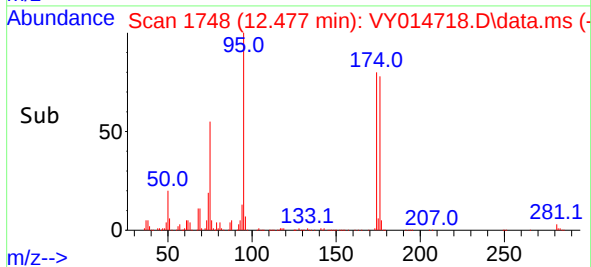
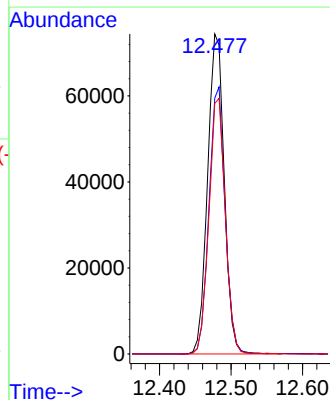
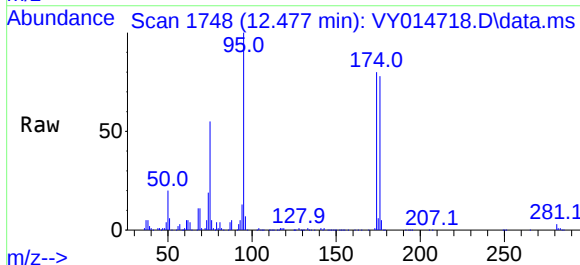
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

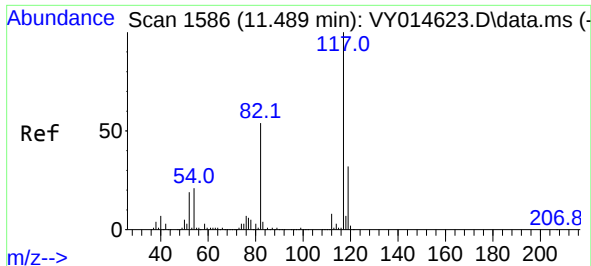
Tgt Ion: 98 Resp: 320375
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.472 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Tgt Ion: 95 Resp: 120449
Ion Ratio Lower Upper
95 100
174 80.6 0.0 178.2
176 78.4 0.0 173.8

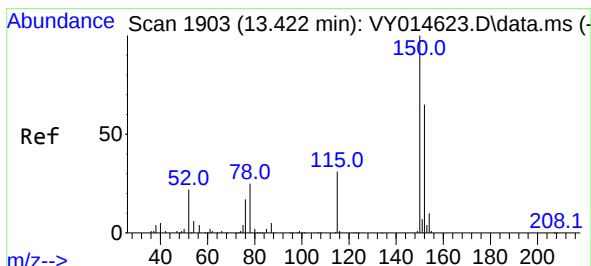
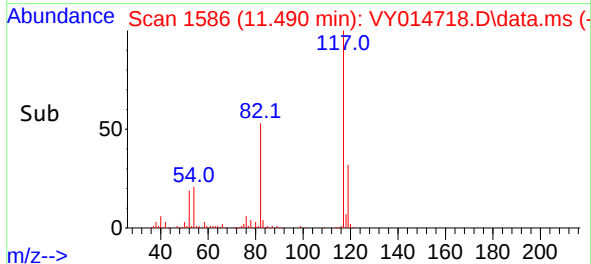
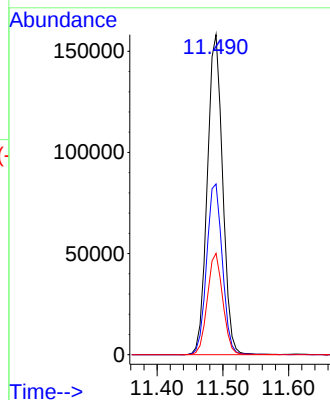
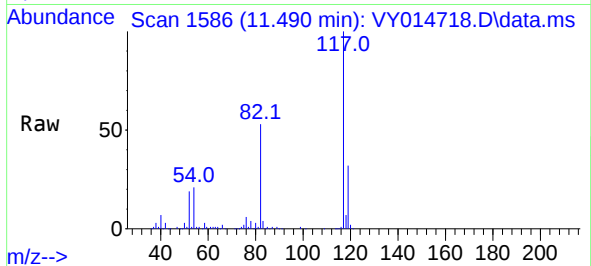




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

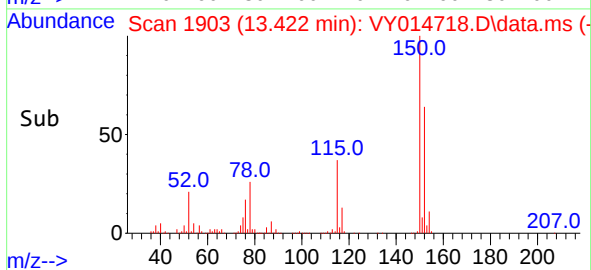
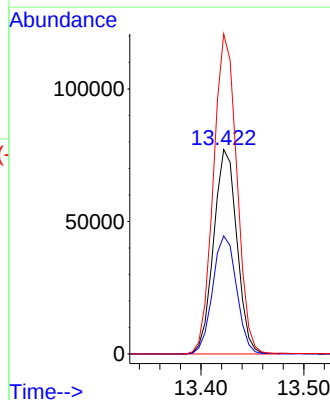
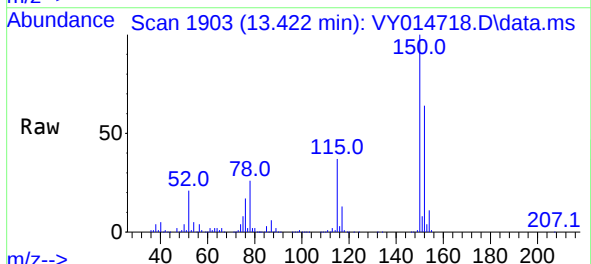
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

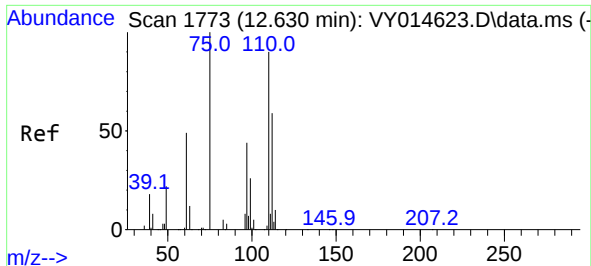
Tgt Ion:117 Resp: 256787
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Tgt Ion:152 Resp: 121659
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 157.0 0.0 348.8

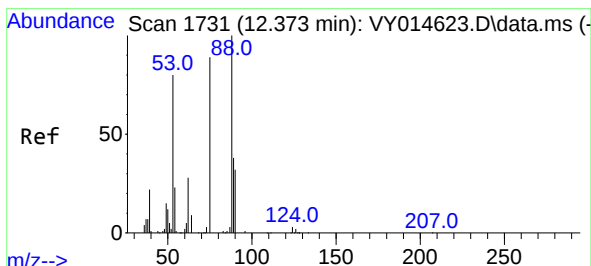
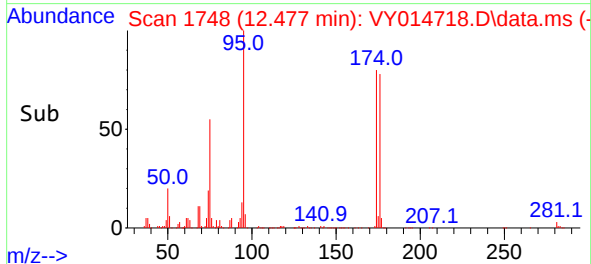
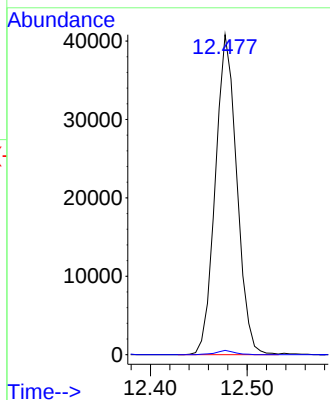
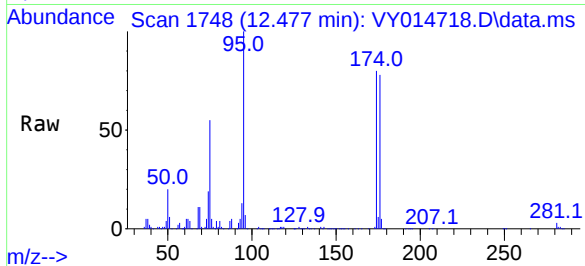




#76
1,2,3-Trichloropropane
Concen: 40.973 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

Tgt Ion: 75 Resp: 62956
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.331 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Tgt Ion: 75 Resp: 62956
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

