

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009657.D
 Acq On : 22 Jul 2022 14:13
 Operator : KP/MD
 Sample : N3773-15
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-2(14.5-15)

Quant Time: Jul 23 00:53:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

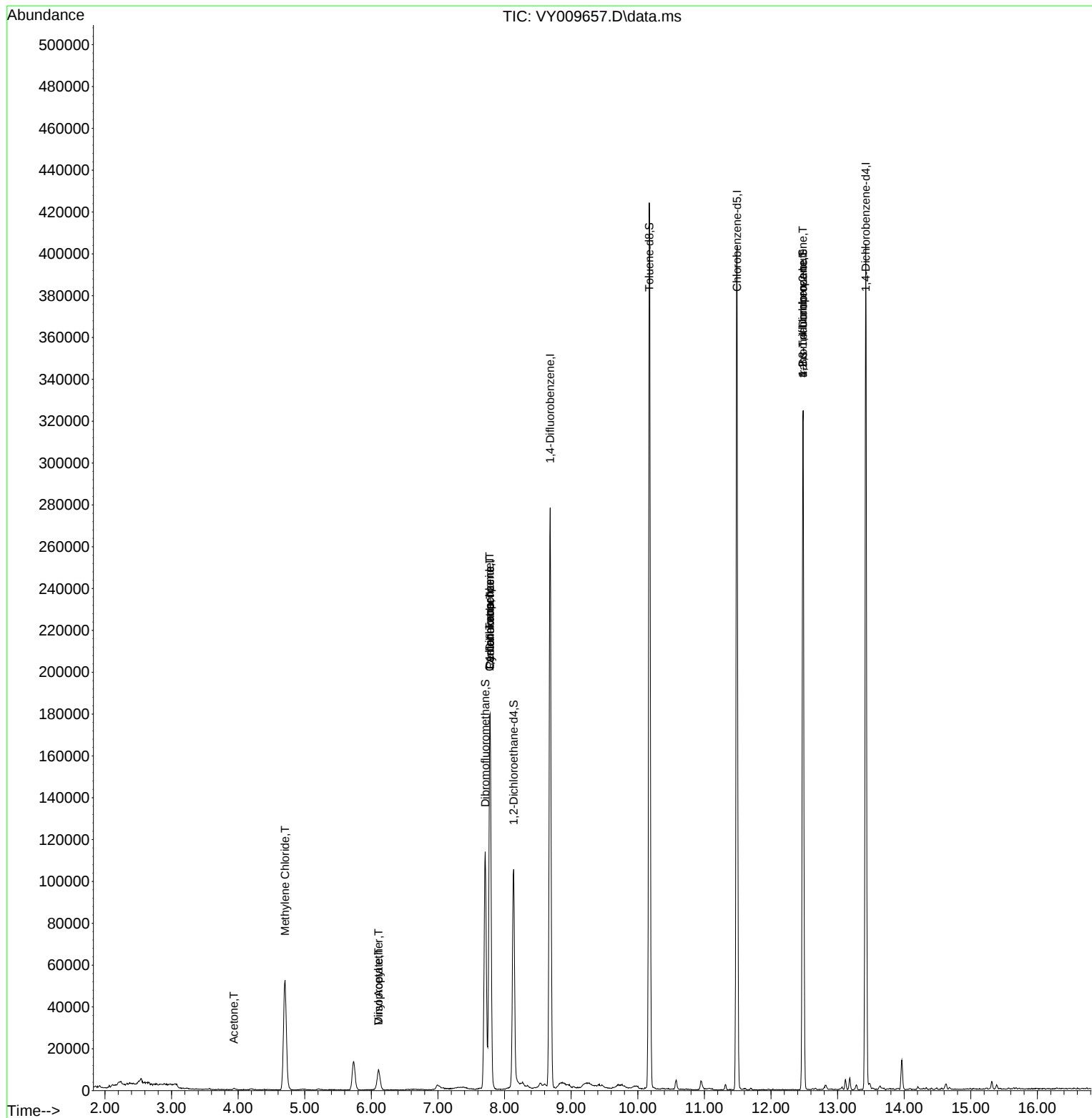
Internal Standards						
1) Pentafluorobenzene	7.783	168	152019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	232428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	80270	55.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.710	113	79359	51.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.640%
50) Toluene-d8	10.173	98	282132	47.924	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.477	95	89410	46.871	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	93.740%
Target Compounds						
11) Tert butyl alcohol	4.960	59	683	Below Cal	#	77
16) Acetone	3.936	43	1145	3.148	ug/l #	84
20) Methylene Chloride	4.704	84	41502	16.057	ug/l #	81
22) Diisopropyl ether	6.106	45	11239	2.434	ug/l	98
23) Vinyl Acetate	6.106	43	6420	2.203	ug/l #	75
31) Cyclohexane	7.783	56	2779	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	10585	4.677	ug/l #	51
38) Carbon Tetrachloride	7.777	117	14042	5.928	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	45840	43.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45840	86.541	ug/l #	7

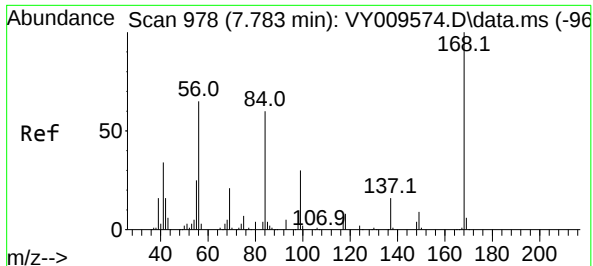
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009657.D
Acq On : 22 Jul 2022 14:13
Operator : KP/MD
Sample : N3773-15
Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(14.5-15)

Quant Time: Jul 23 00:53:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

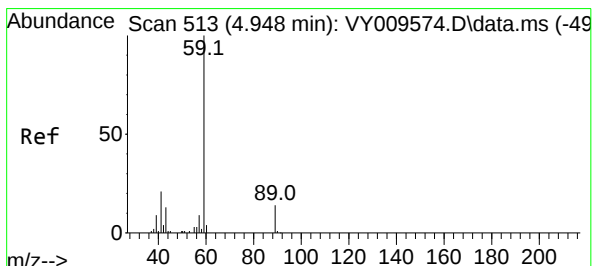
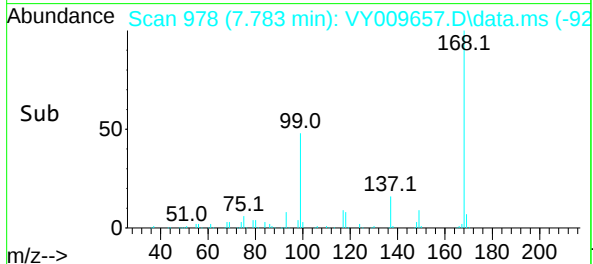
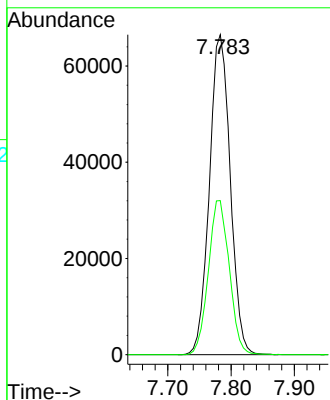
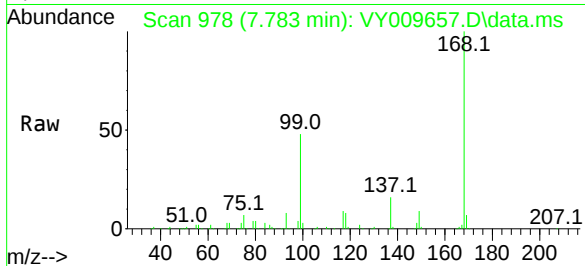




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

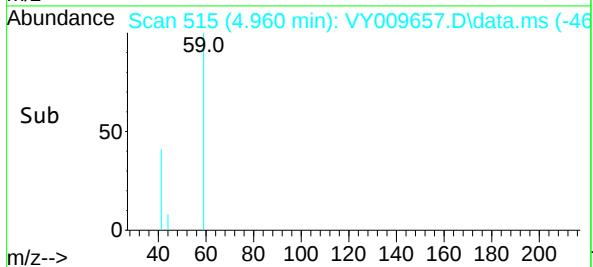
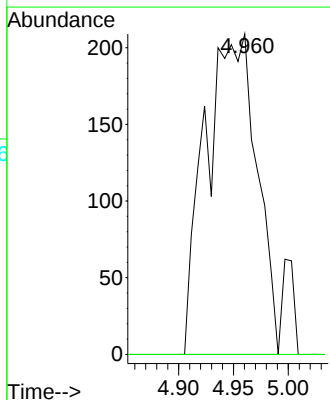
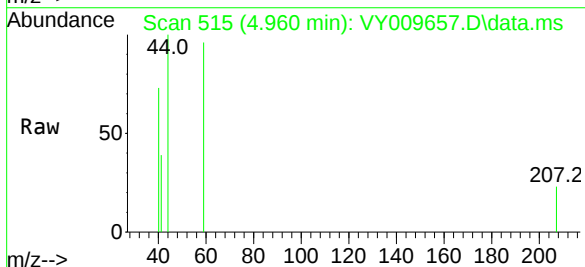
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(14.5-15)

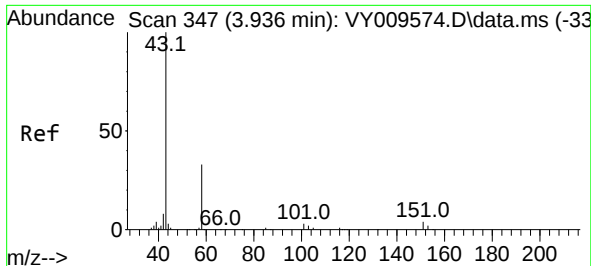
Tgt Ion:168 Resp: 152019
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

Tgt Ion: 59 Resp: 683
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

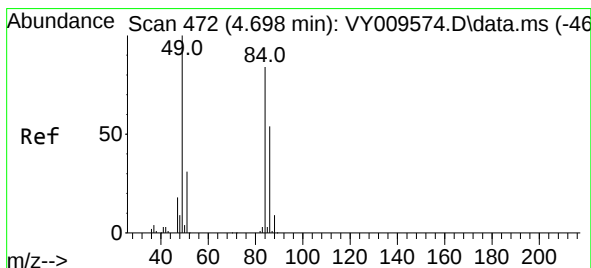
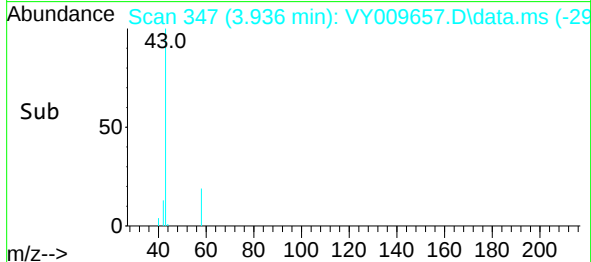
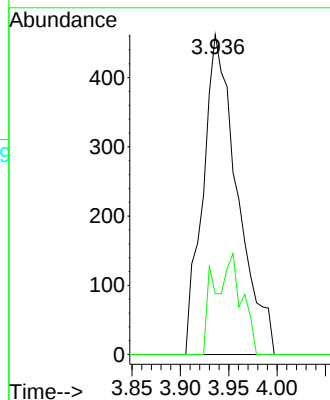
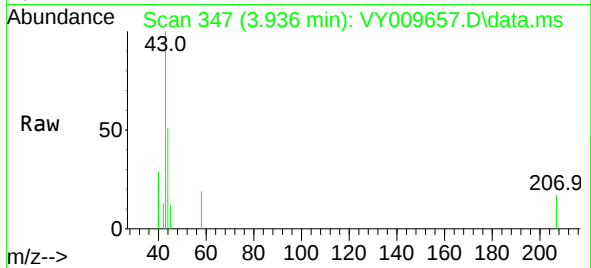




#16
Acetone
Concen: 3.148 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

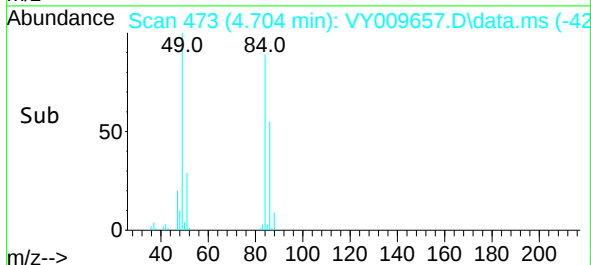
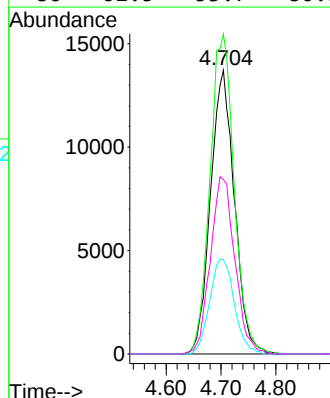
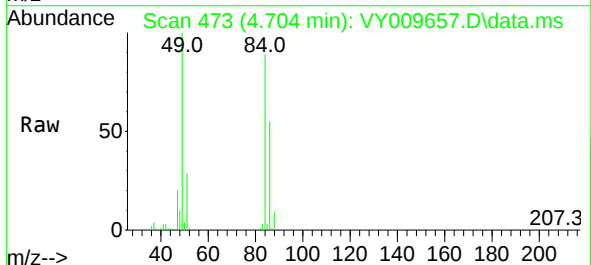
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(14.5-15)

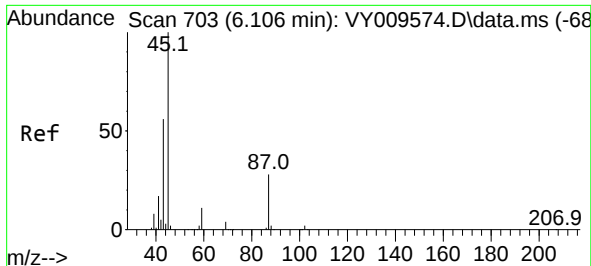
Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 19.0 22.0 33.0#



#20
Methylene Chloride
Concen: 16.057 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

Tgt Ion: 84 Resp: 41502
Ion Ratio Lower Upper
84 100
49 112.8 114.4 171.6#
51 33.2 35.3 52.9#
86 61.5 53.7 80.5

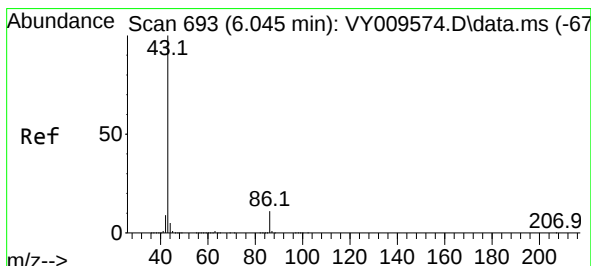
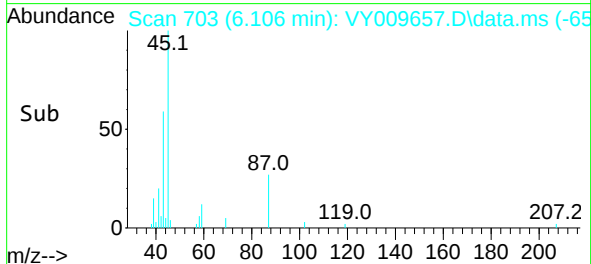
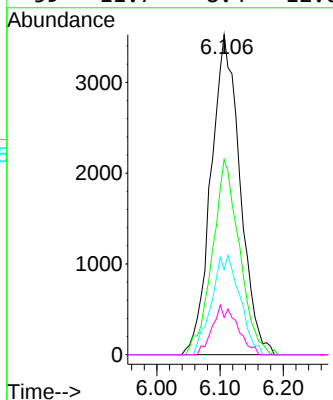
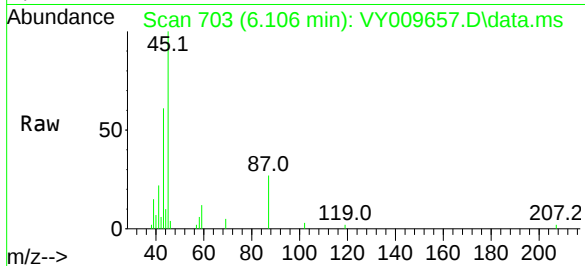




#22
Diisopropyl ether
Concen: 2.434 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

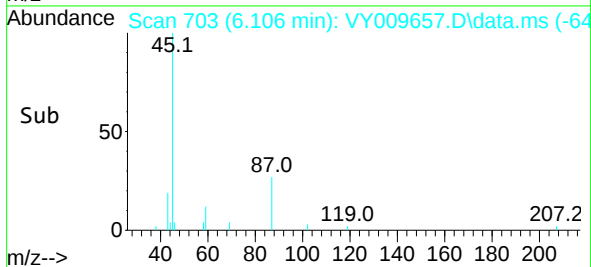
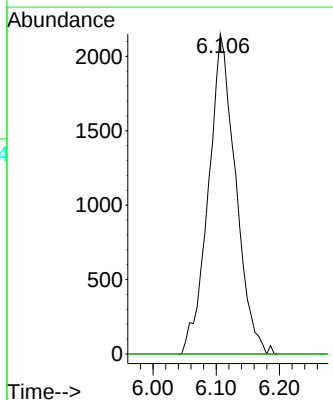
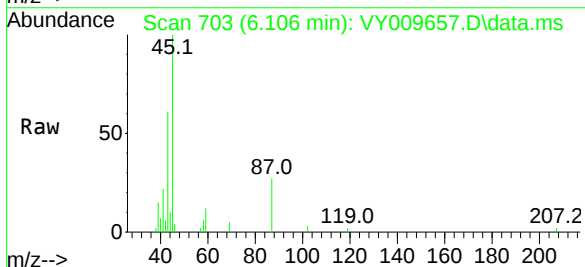
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(14.5-15)

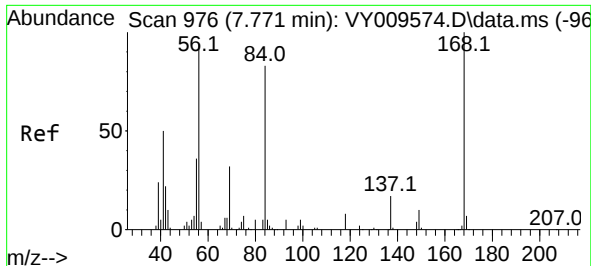
Tgt Ion: 45	Resp: 11239
Ion Ratio	Lower Upper
45 100	
43 61.0	49.3 73.9
87 26.6	19.2 28.8
59 11.7	8.4 12.6



#23
Vinyl Acetate
Concen: 2.203 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.061 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

Tgt Ion: 43	Resp: 6420		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	7.1	10.7#	

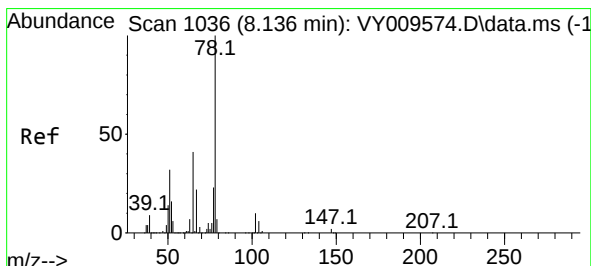
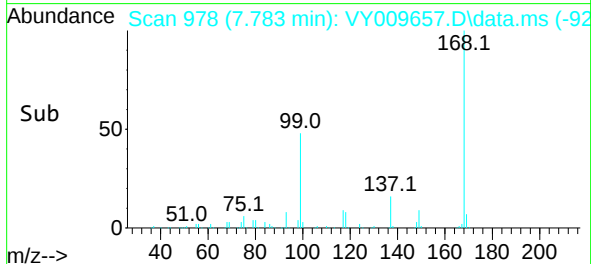
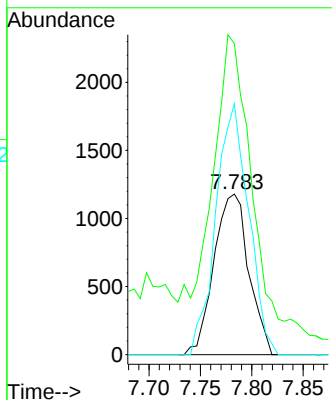
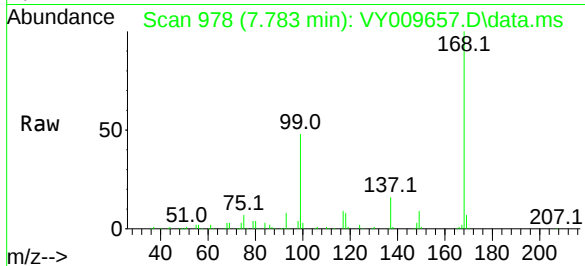




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

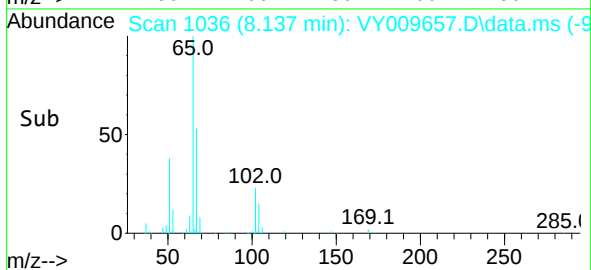
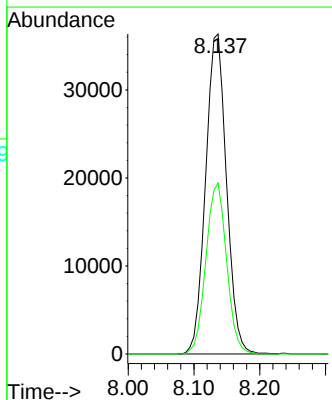
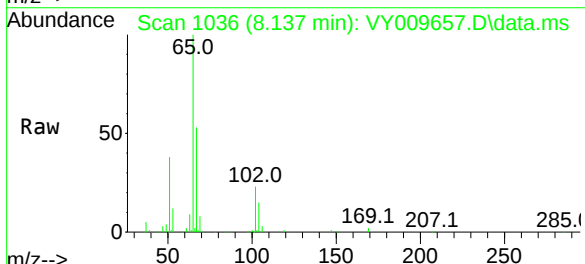
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(14.5-15)

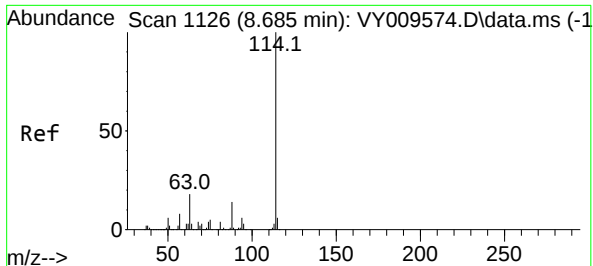
Tgt Ion: 56 Resp: 2779
Ion Ratio Lower Upper
56 100
69 171.6 26.7 40.1#
84 156.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.831 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

Tgt Ion: 65 Resp: 80270
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009657.D

Acq: 22 Jul 2022 14:13

Instrument :

MSVOA_Y

ClientSampleId :

DL-2(14.5-15)

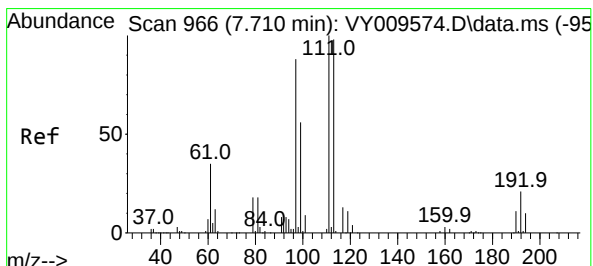
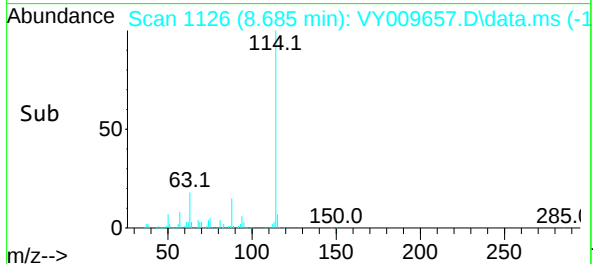
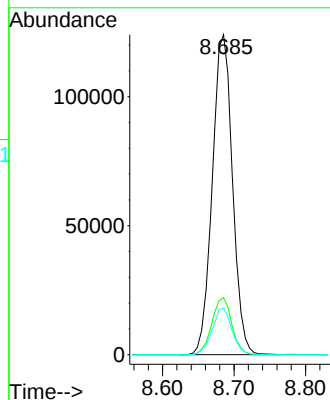
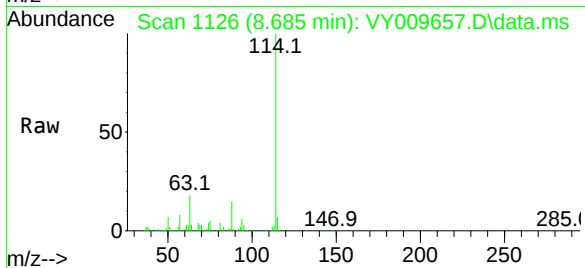
Tgt Ion:114 Resp: 243078

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.822 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009657.D

Acq: 22 Jul 2022 14:13

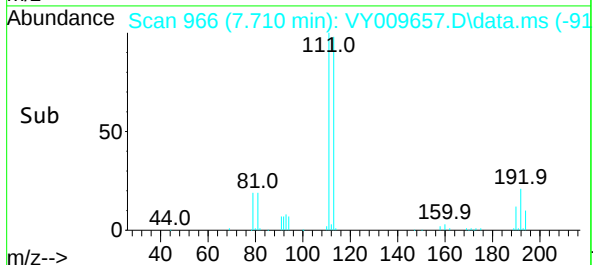
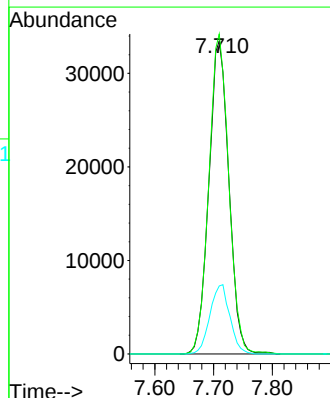
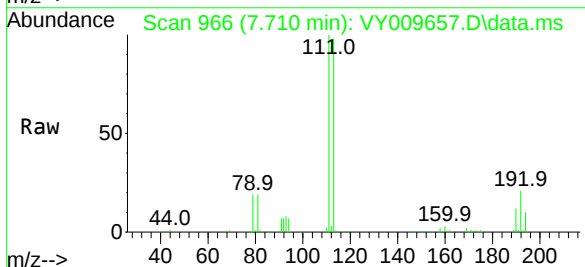
Tgt Ion:113 Resp: 79359

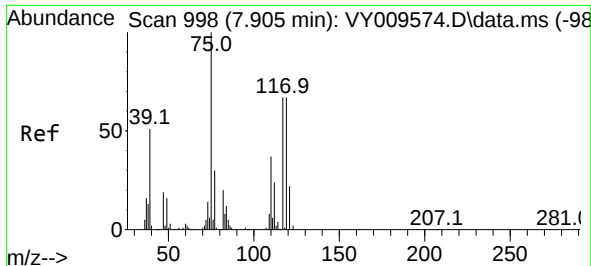
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 22.0 17.6 26.4

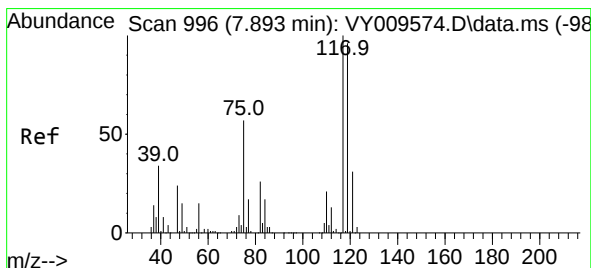
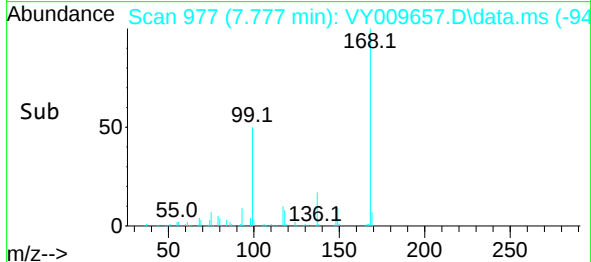
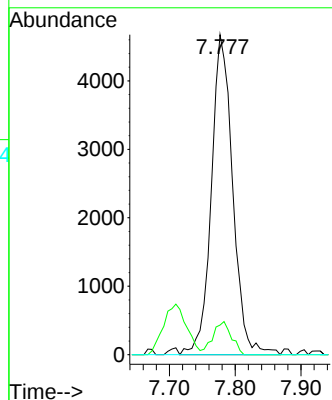
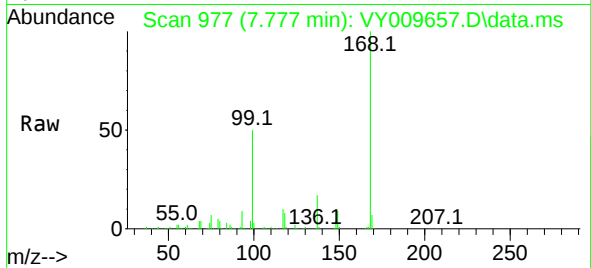




#36
1,1-Dichloropropene
Concen: 4.677 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

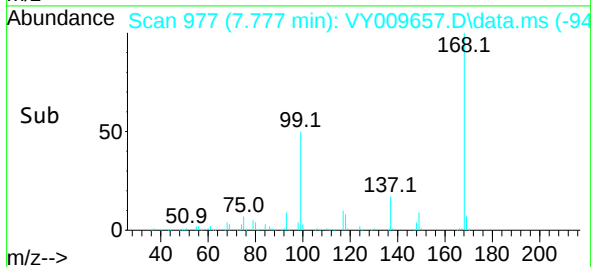
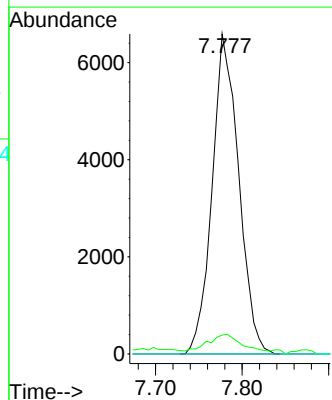
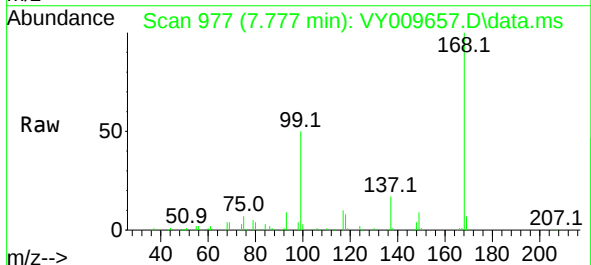
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(14.5-15)

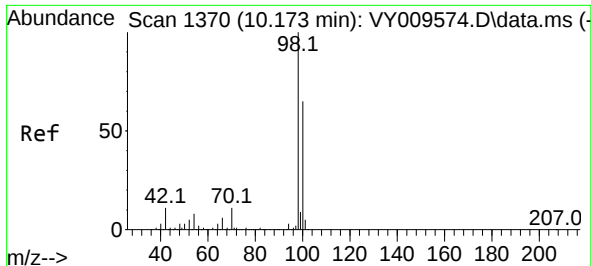
Tgt Ion: 75 Resp: 10585
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.928 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

Tgt Ion: 117 Resp: 14042
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#

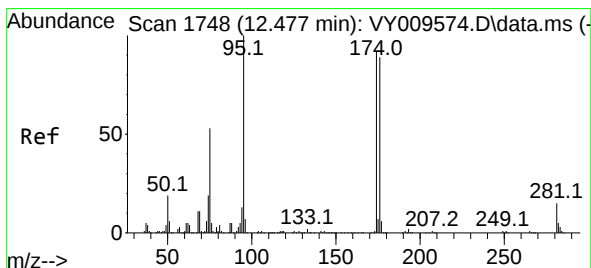
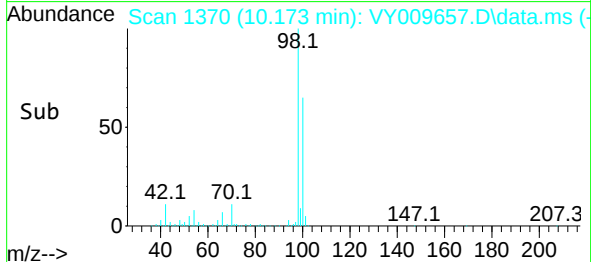
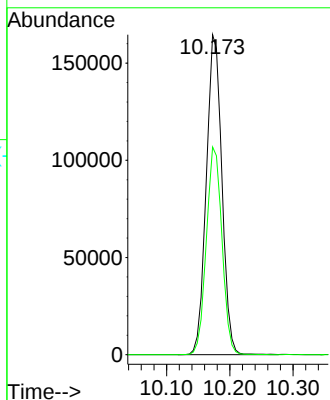
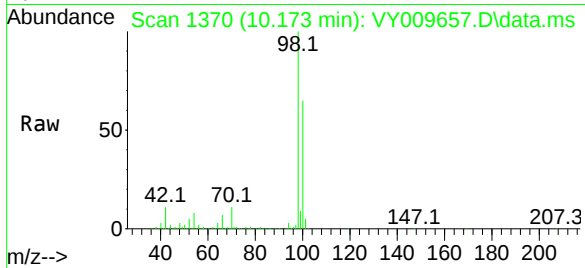




#50
Toluene-d8
Concen: 47.924 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

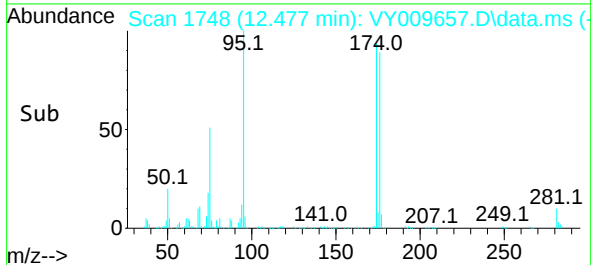
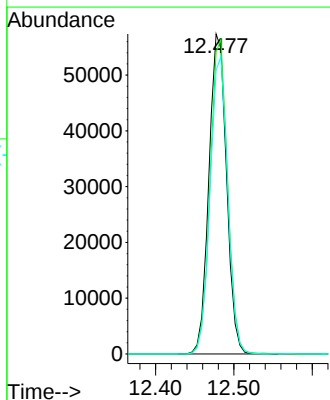
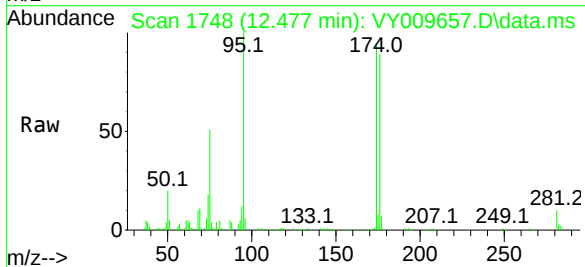
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(14.5-15)

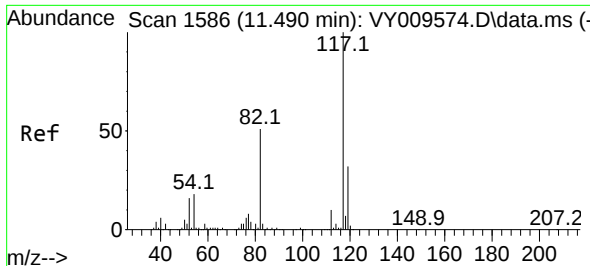
Tgt Ion: 98 Resp: 282132
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.871 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

Tgt Ion: 95 Resp: 89410
Ion Ratio Lower Upper
95 100
174 98.1 0.0 177.0
176 92.8 0.0 175.8

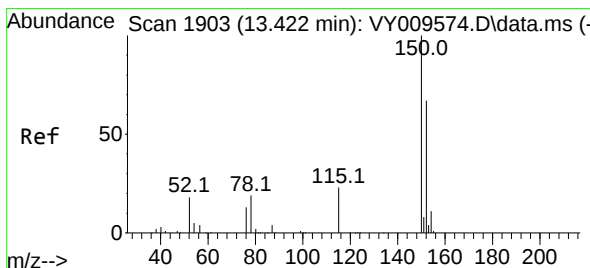
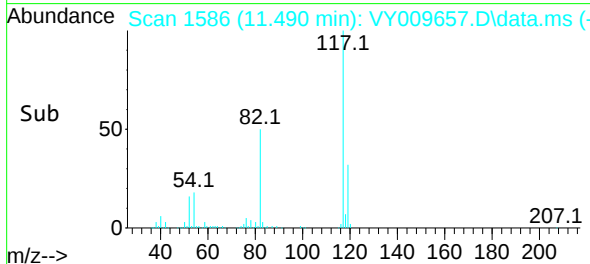
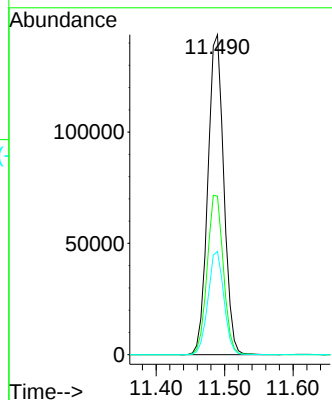
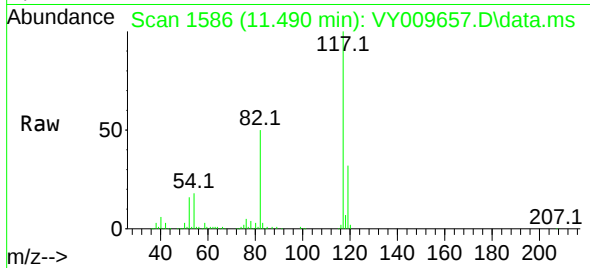




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

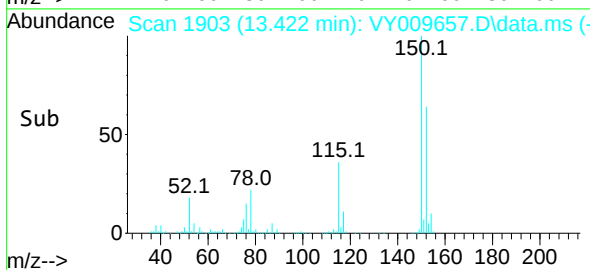
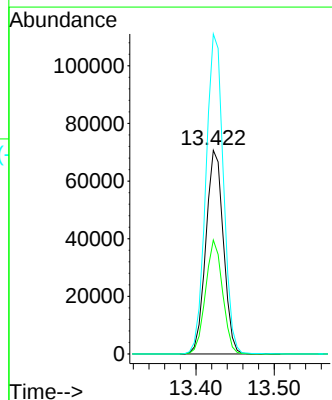
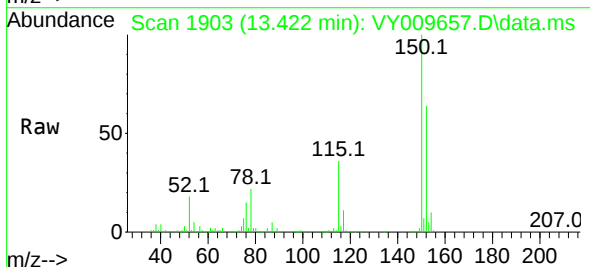
Instrument :
MSVOA_Y
ClientSampleId :
DL-2(14.5-15)

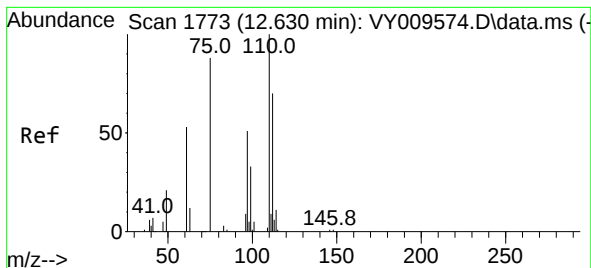
Tgt Ion:117 Resp: 232428
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

Tgt Ion:152 Resp: 109640
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 157.0 0.0 347.6

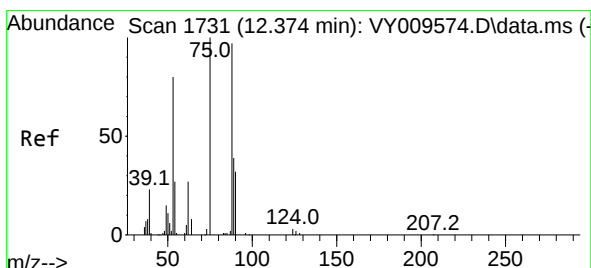
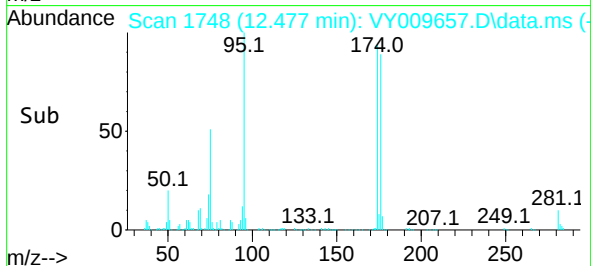
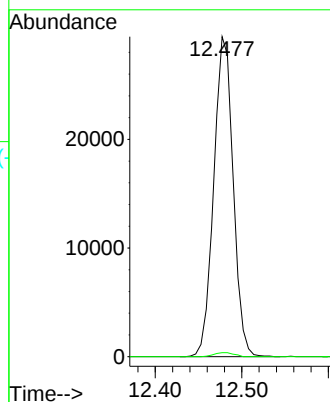
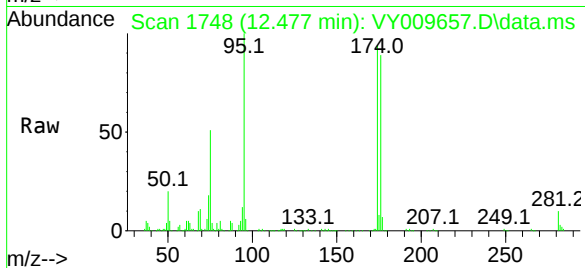




#76
1,2,3-Trichloropropane
Concen: 43.889 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

Instrument :
MSVOA_Y
ClientSampleId :
DL-2(14.5-15)

Tgt Ion: 75 Resp: 45840
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.541 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009657.D
Acq: 22 Jul 2022 14:13

Tgt Ion: 75 Resp: 45840
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

