

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009016.D
 Acq On : 23 May 2022 19:02
 Operator : KP/MD
 Sample : N2912-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3/4-BLEND-RCA

Quant Time: May 24 01:50:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	110190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	198756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71742	63.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.520%
35) Dibromofluoromethane	7.710	113	63955	51.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.179	98	256596	56.276	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.560%
62) 4-Bromofluorobenzene	12.477	95	84844	46.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%

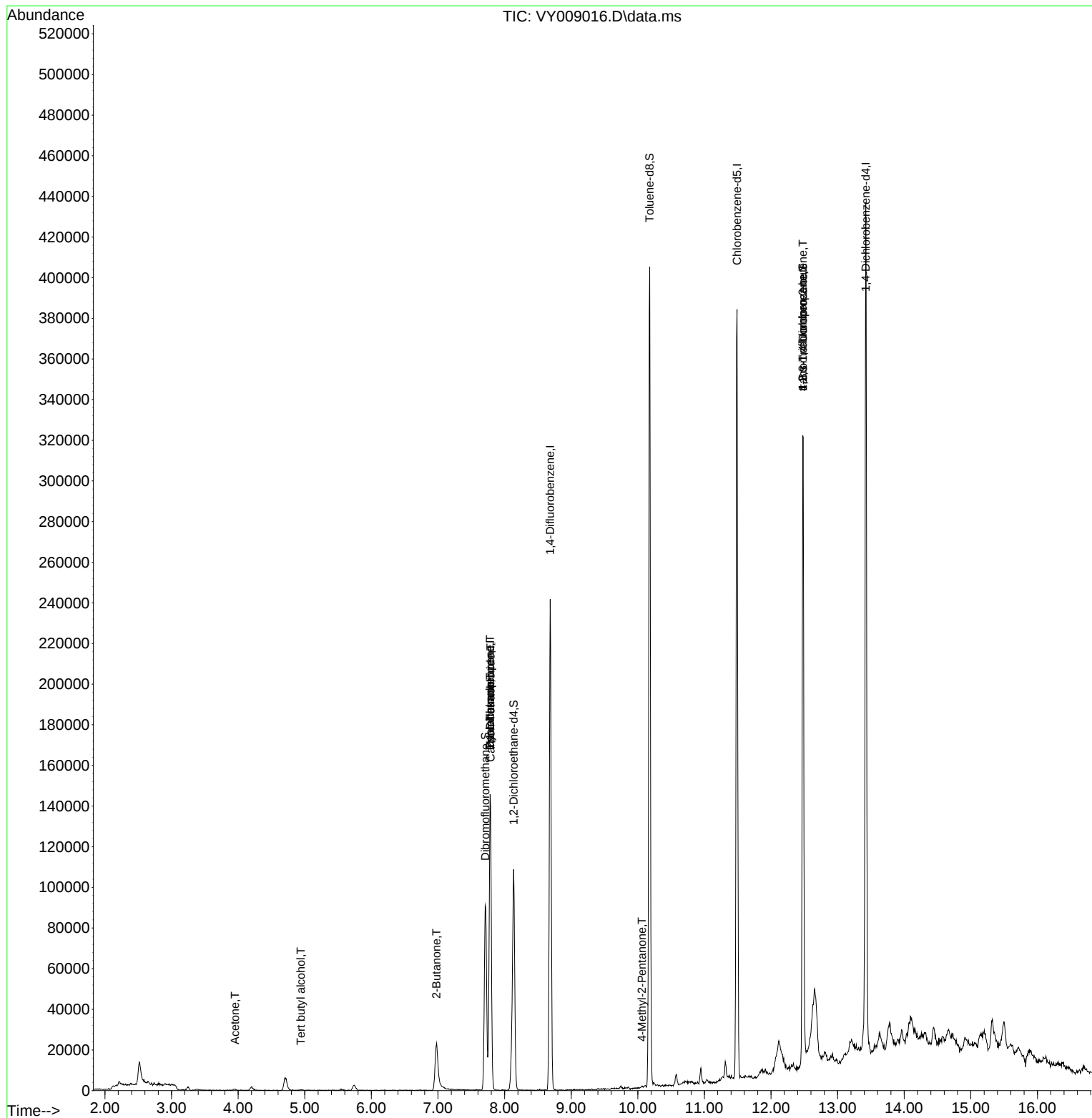
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	214	1.860	ug/l #	66
16) Acetone	3.954	43	1130	4.787	ug/l #	88
20) Methylene Chloride	4.698	84	4760	Below Cal	#	66
25) 2-Butanone	6.978	43	1476	3.501	ug/l	96
31) Cyclohexane	7.783	56	2574	1.160	ug/l #	4
36) 1,1-Dichloropropene	7.783	75	10130	4.816	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11564	5.256	ug/l #	15
51) 4-Methyl-2-Pentanone	10.063	43	1194	1.063	ug/l #	77
76) 1,2,3-Trichloropropane	12.477	75	47318	44.829	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47318	92.012	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
Data File : VY009016.D
Acq On : 23 May 2022 19:02
Operator : KP/MD
Sample : N2912-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

Quant Time: May 24 01:50:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

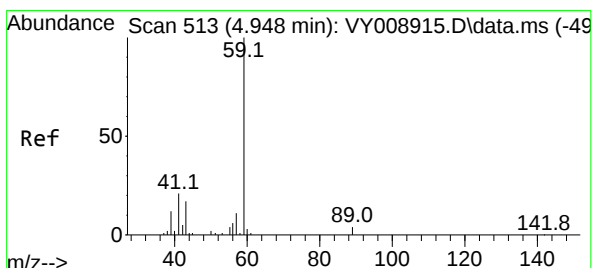
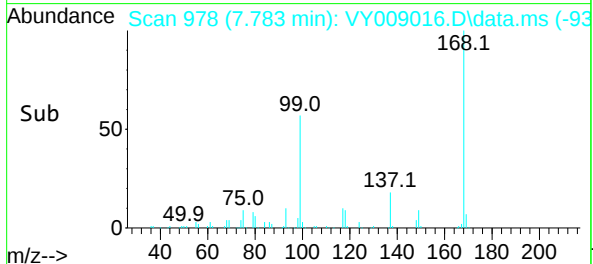
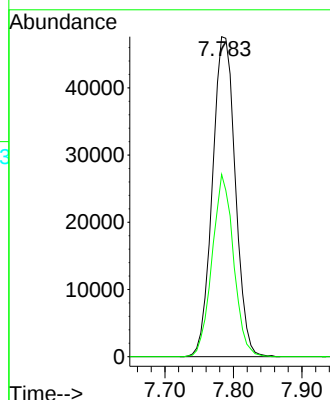
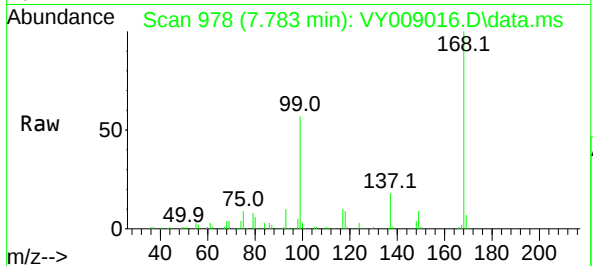




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

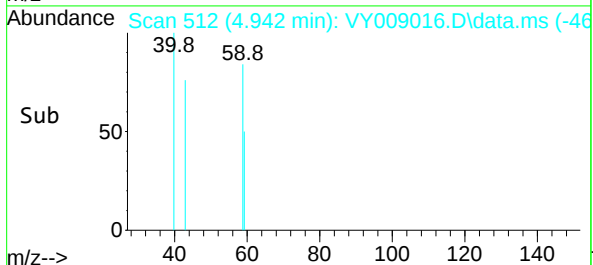
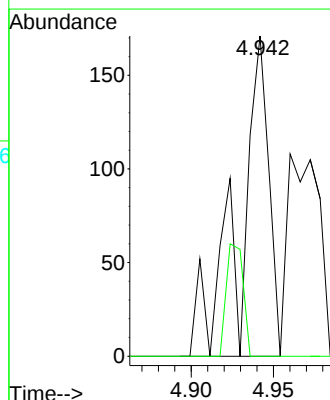
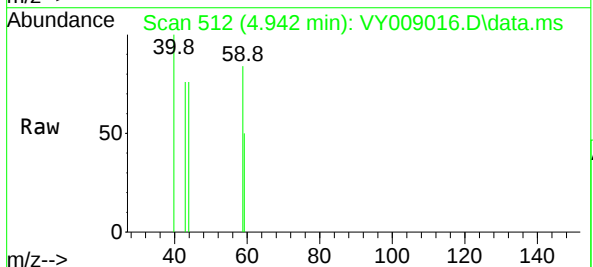
Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

Tgt Ion:168 Resp: 110190
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.860 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 20.1 6.4 9.6#

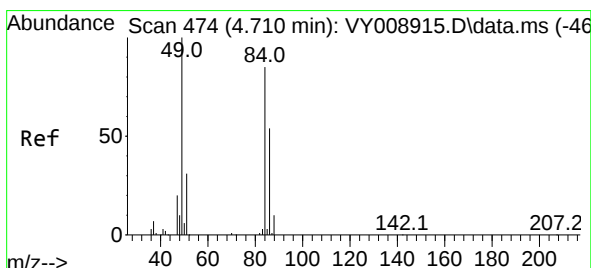
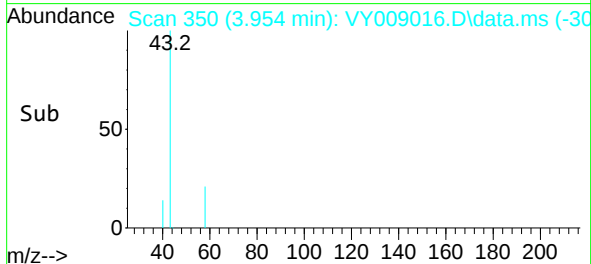
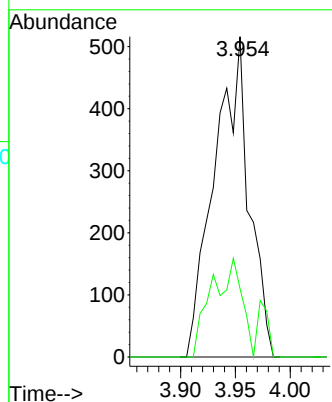
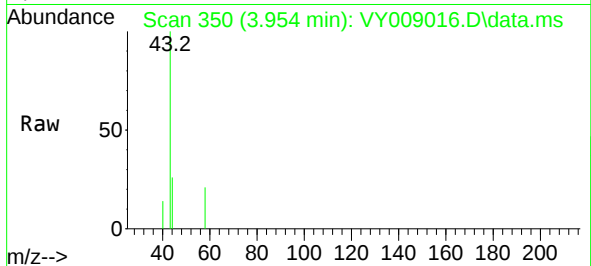




#16
Acetone
Concen: 4.787 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

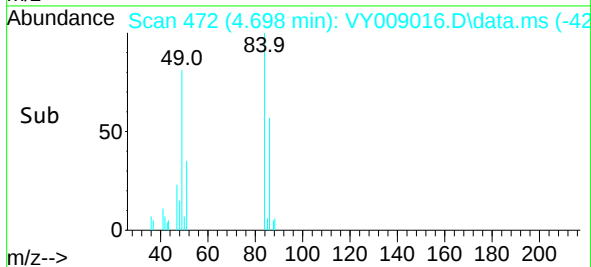
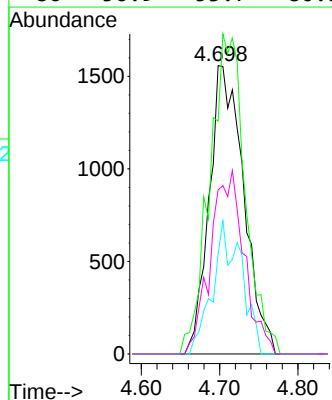
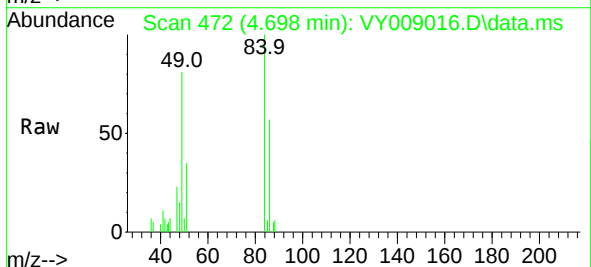
Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 21.3 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion: 84 Resp: 4760
Ion Ratio Lower Upper
84 100
49 80.7 114.4 171.6#
51 34.8 35.3 52.9#
86 56.9 53.7 80.5

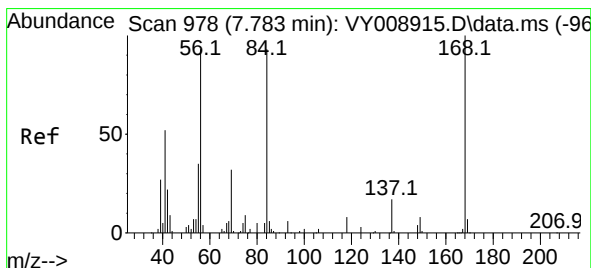
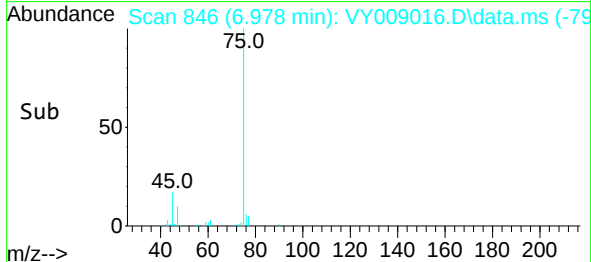
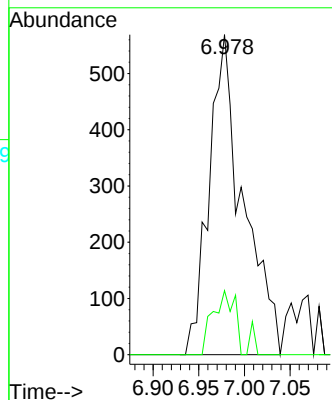
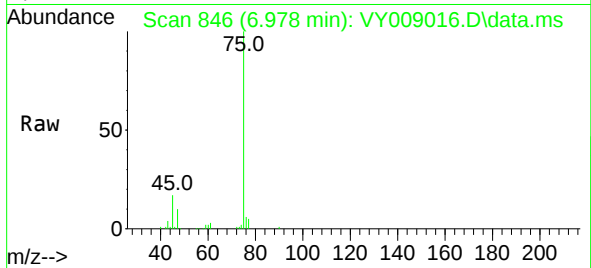




#25
2-Butanone
Concen: 3.501 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

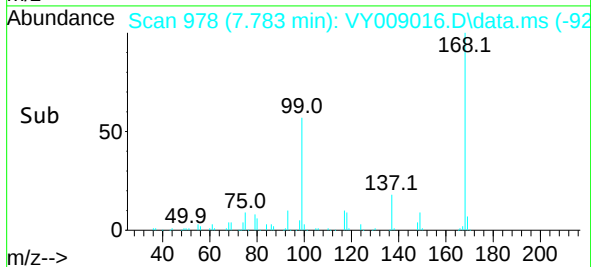
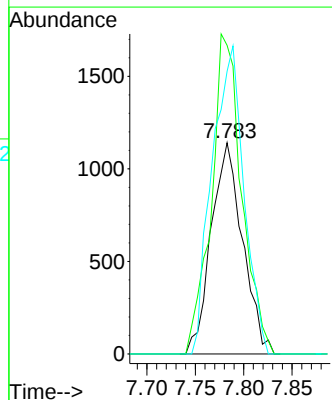
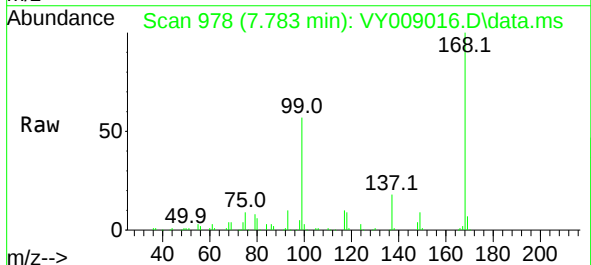
Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
72 20.0 17.7 26.5



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion: 56 Resp: 2574
Ion Ratio Lower Upper
56 100
69 146.2 26.7 40.1#
84 133.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.261 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY009016.D

Acq: 23 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

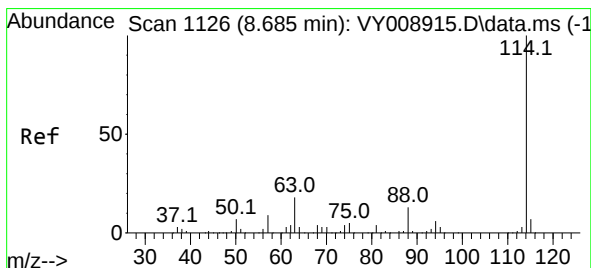
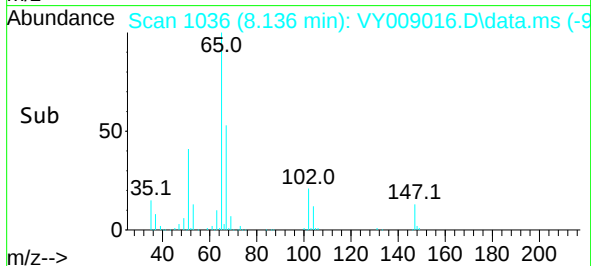
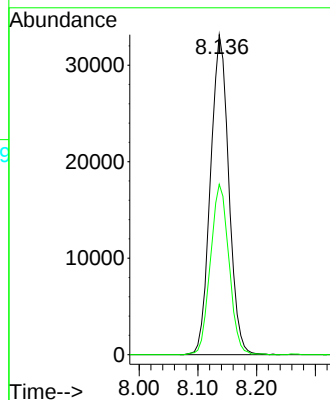
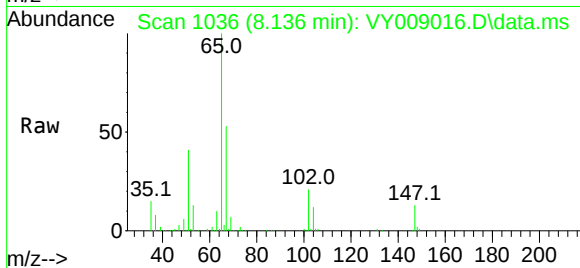
3/4-BLEND-RCA

Tgt Ion: 65 Resp: 71742

Ion Ratio Lower Upper

65 100

67 53.9 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: VY009016.D

Acq: 23 May 2022 19:02

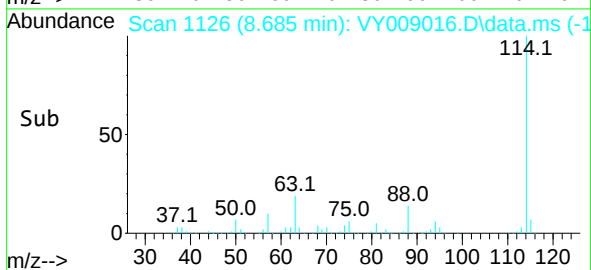
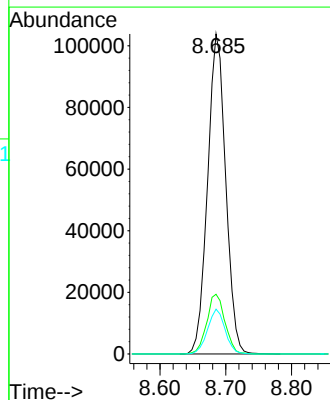
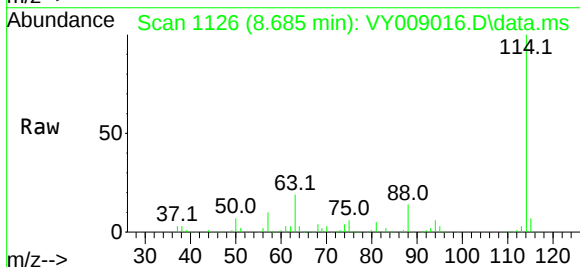
Tgt Ion: 114 Resp: 198756

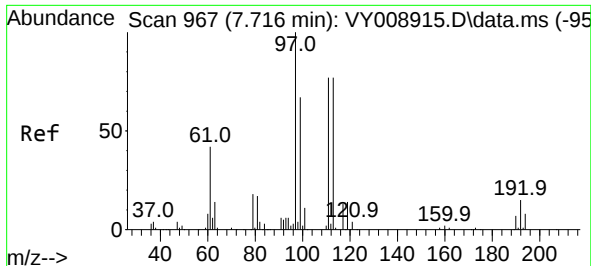
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.0 0.0 31.8

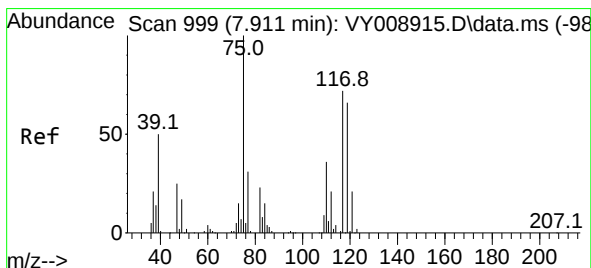
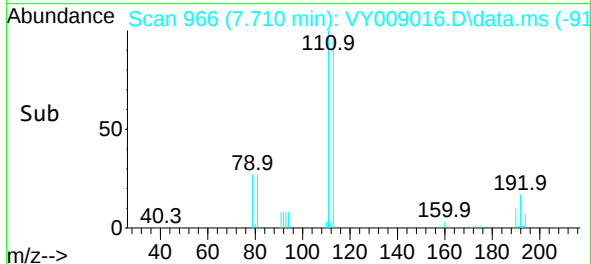
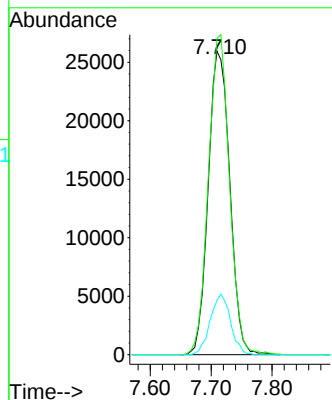
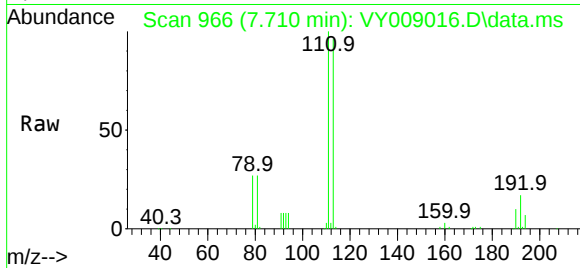




#35
Dibromofluoromethane
Concen: 51.746 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

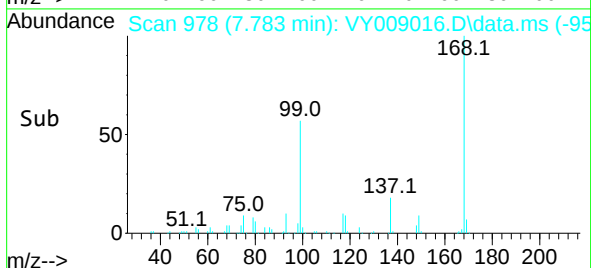
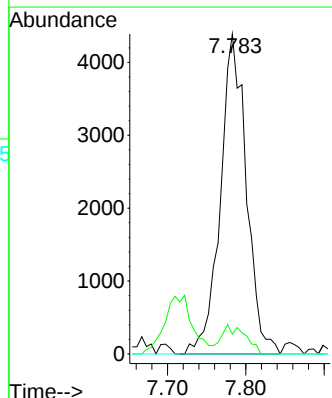
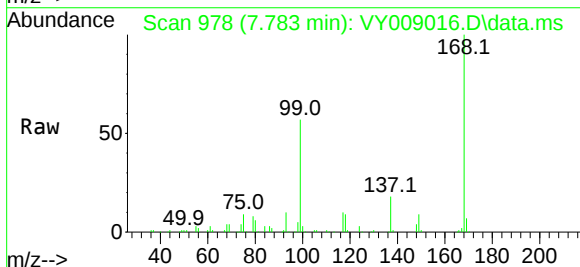
Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

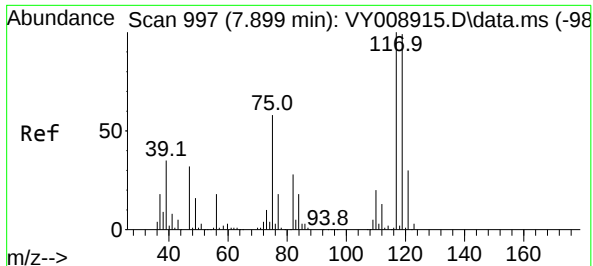
Tgt Ion:113 Resp: 63955
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.816 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

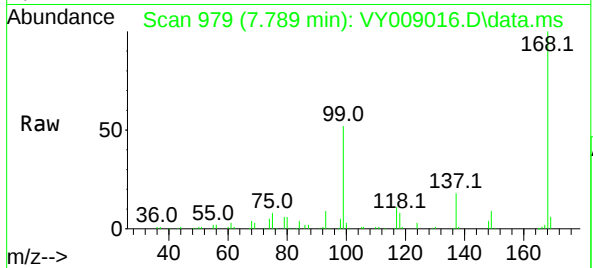
Tgt Ion: 75 Resp: 10130
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



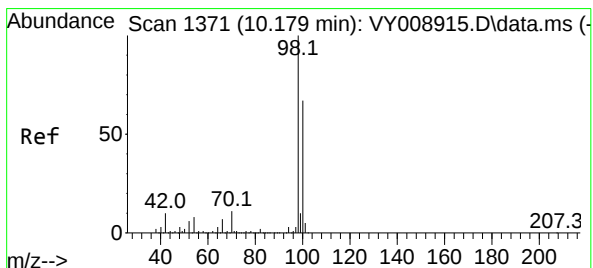
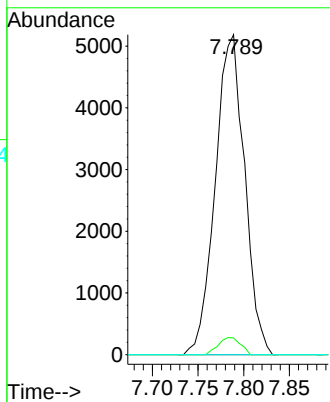
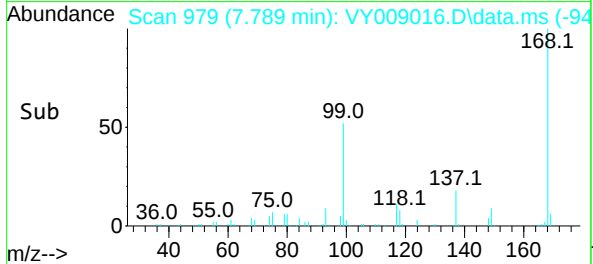


#38
Carbon Tetrachloride
Concen: 5.256 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

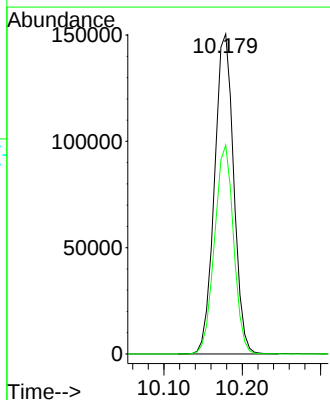
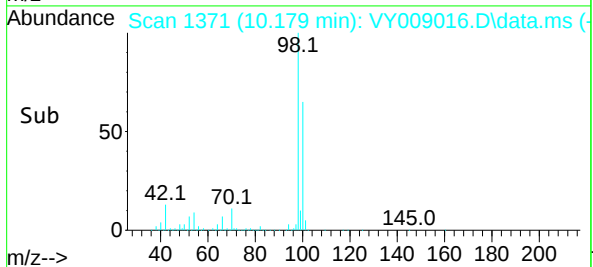
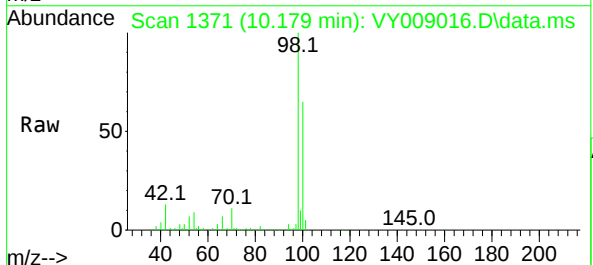


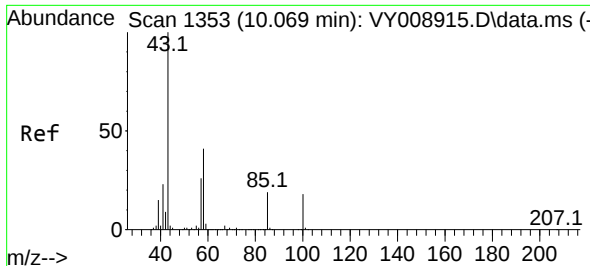
Tgt Ion:117 Resp: 11564
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 56.276 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion: 98 Resp: 256596
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

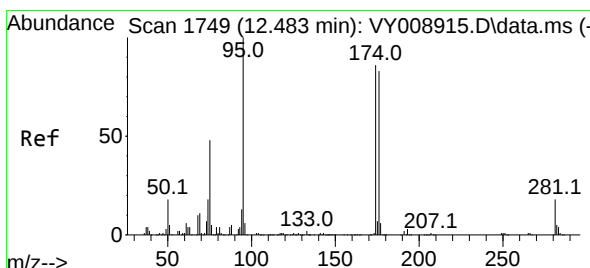
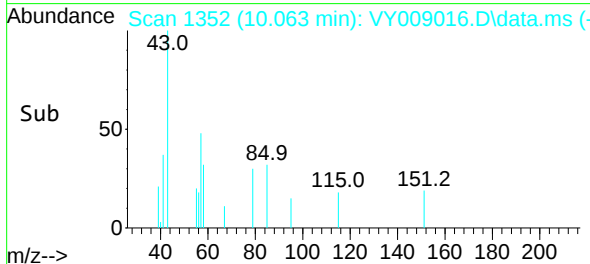
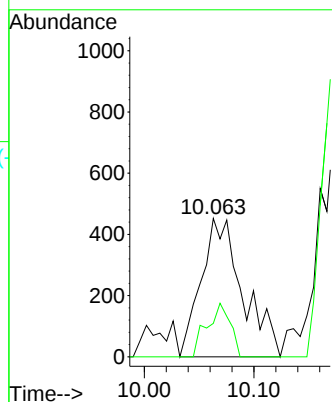
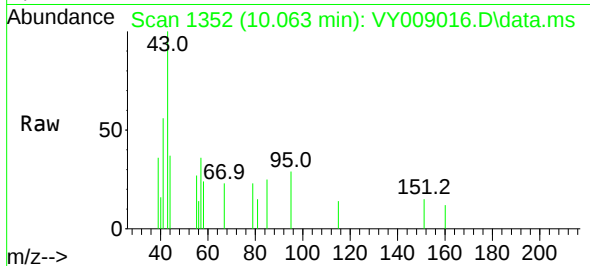




#51
4-Methyl-2-Pentanone
Concen: 1.063 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

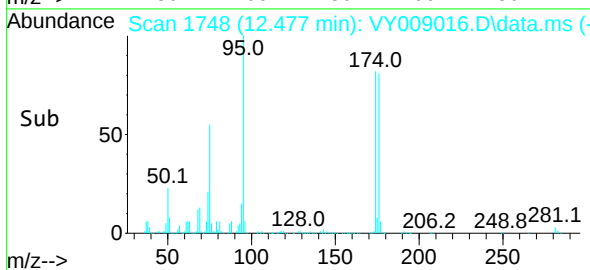
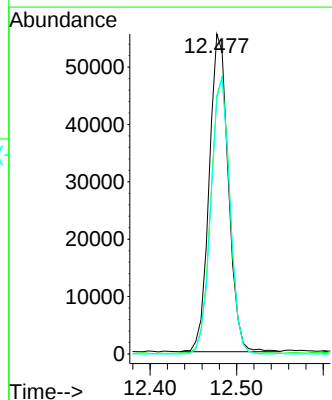
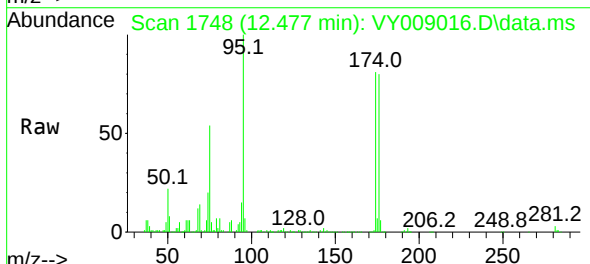
Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

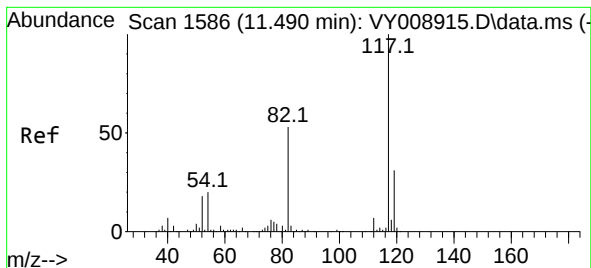
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
58 21.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 46.129 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion: 95 Resp: 84844
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 86.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009016.D

Acq: 23 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

3/4-BLEND-RCA

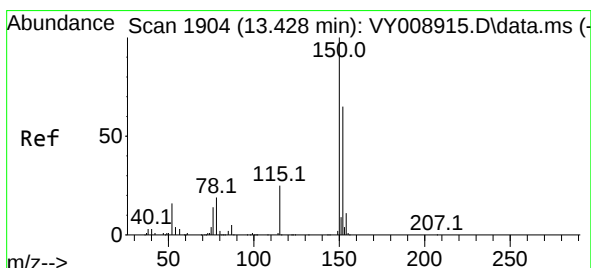
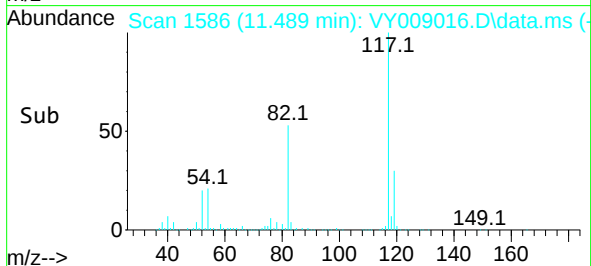
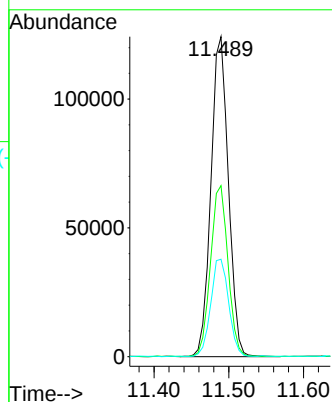
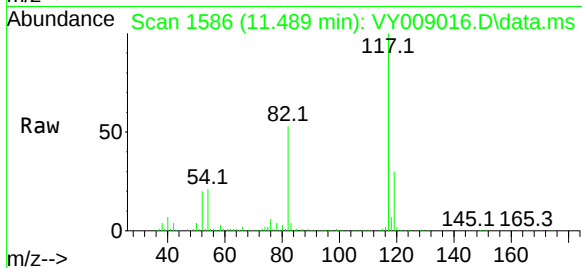
Tgt Ion:117 Resp: 201360

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

119 30.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY009016.D

Acq: 23 May 2022 19:02

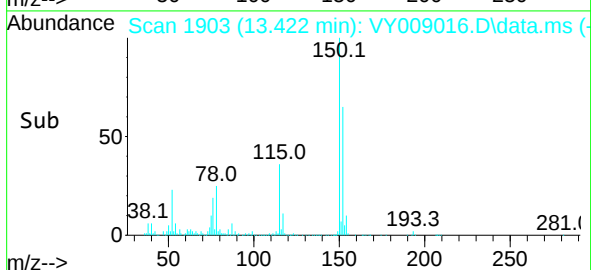
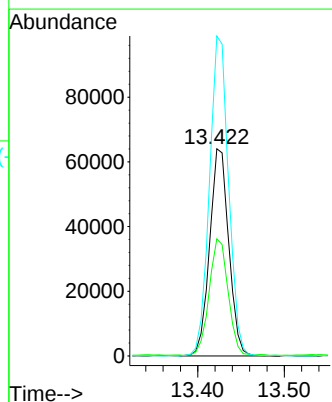
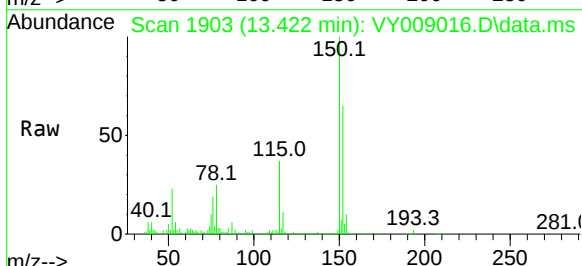
Tgt Ion:152 Resp: 98290

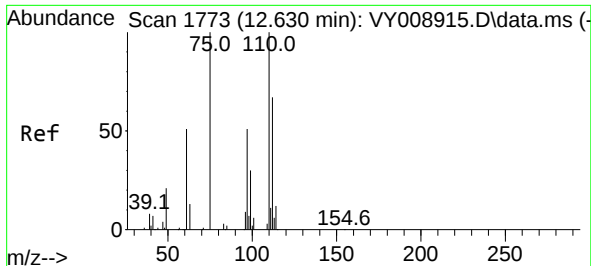
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 154.2 0.0 347.6

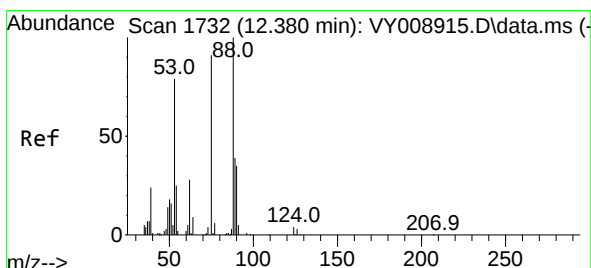
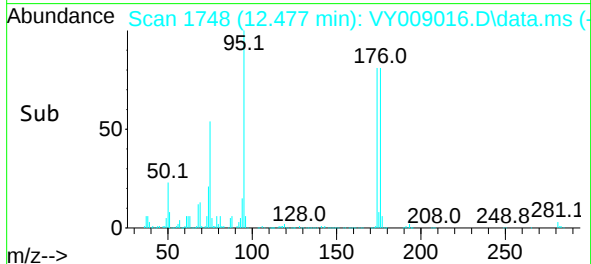
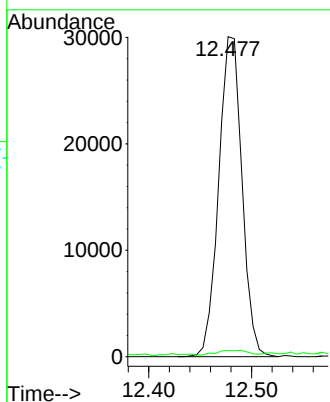
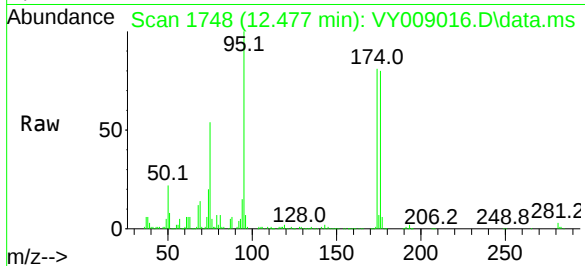




#76
1,2,3-Trichloropropane
Concen: 44.829 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

Tgt Ion: 75 Resp: 47318
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.012 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion: 75 Resp: 47318
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

