

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018116.D
 Acq On : 02 May 2024 14:54
 Operator : SY/MD
 Sample : P2323-01
 Misc : 3.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:04:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

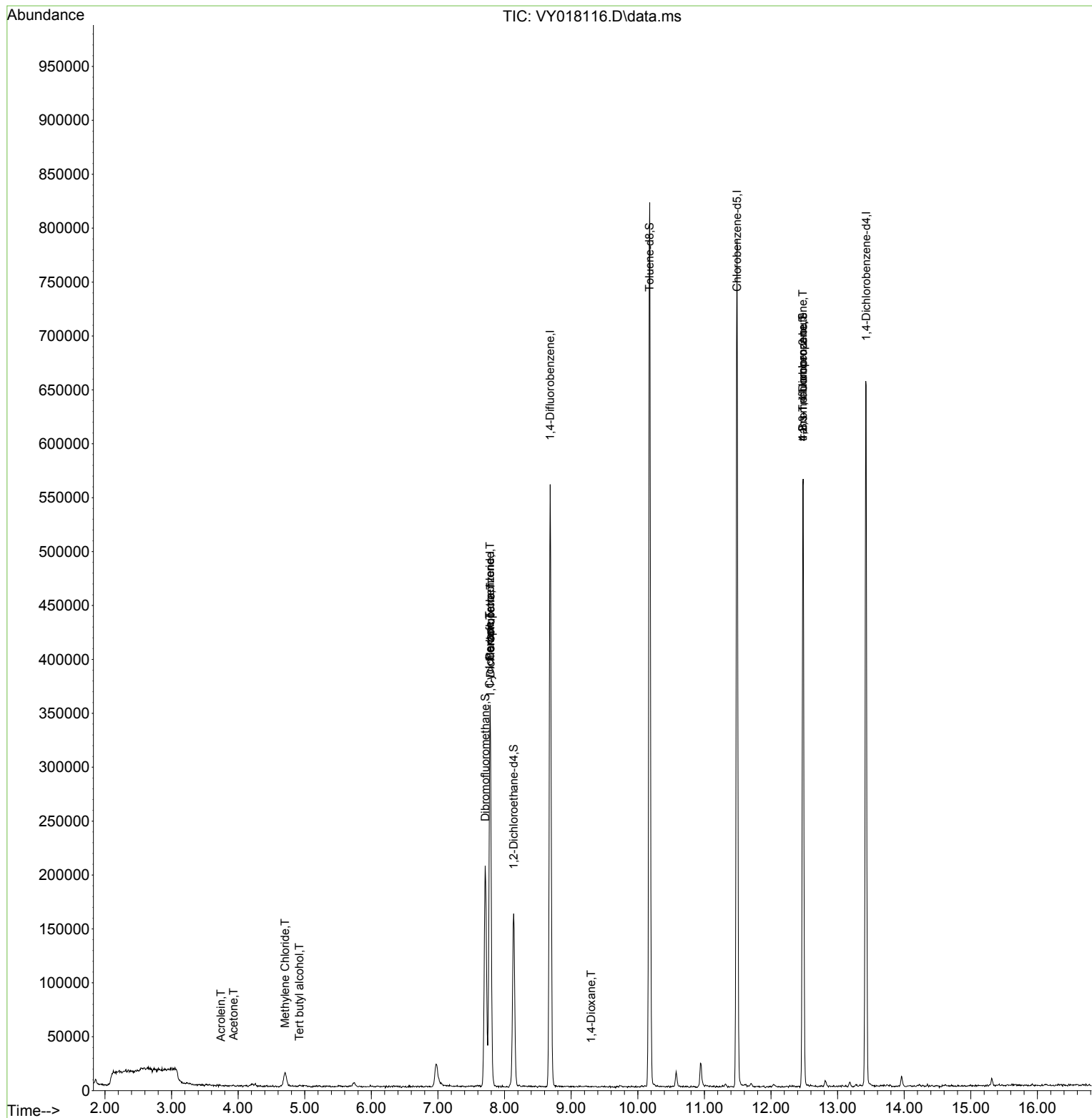
Internal Standards						
1) Pentafluorobenzene	7.783	168	295464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	515516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	452108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	119555	51.334	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.660%		
35) Dibromofluoromethane	7.710	113	148229	50.035	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.060%		
50) Toluene-d8	10.179	98	566967	49.022	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 98.040%		
62) 4-Bromofluorobenzene	12.477	95	177313	44.549	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 89.100%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	624	3.287	ug/l #	12
13) Acrolein	3.741	56	561	1.986	ug/l #	15
16) Acetone	3.930	43	601	1.355	ug/l #	45
20) Methylene Chloride	4.704	84	10813	3.478	ug/l	95
31) Cyclohexane	7.777	56	5610	1.257	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	20123	5.089	ug/l #	49
38) Carbon Tetrachloride	7.783	117	27010	6.018	ug/l #	16
49) 1,4-Dioxane	9.301	88	46	2.460	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	86913	57.150	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	86913	104.114	ug/l #	16

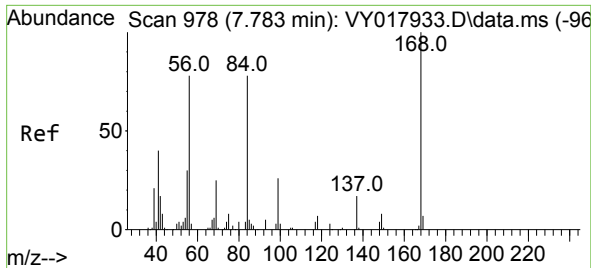
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
Data File : VY018116.D
Acq On : 02 May 2024 14:54
Operator : SY/MD
Sample : P2323-01
Misc : 3.16g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 02 23:04:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

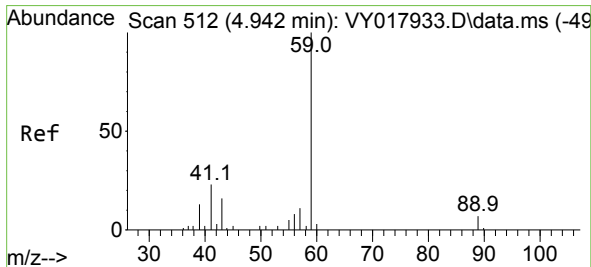
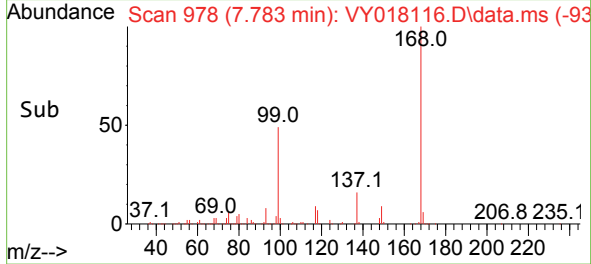
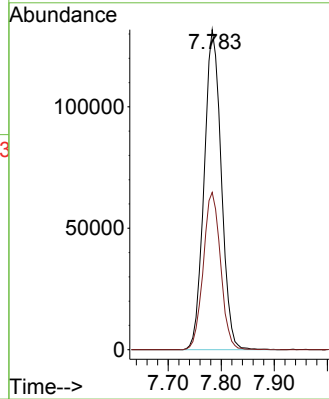
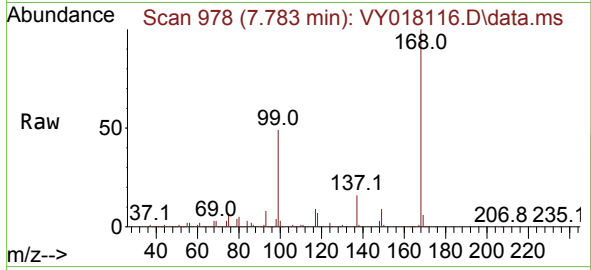




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

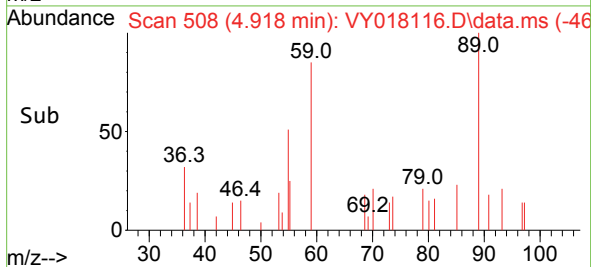
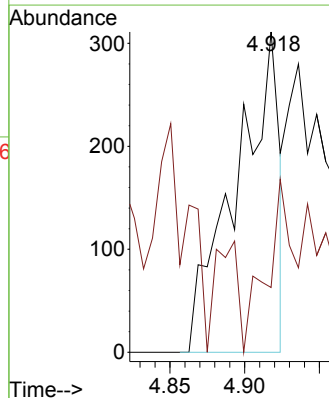
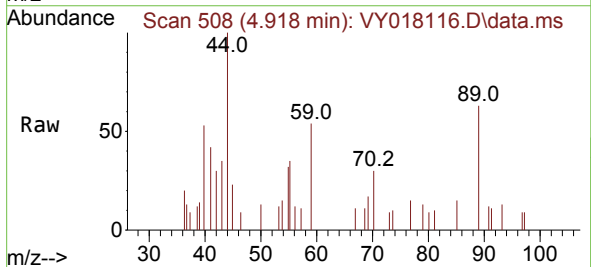
Instrument :
MSVOA_Y
ClientSampleId :

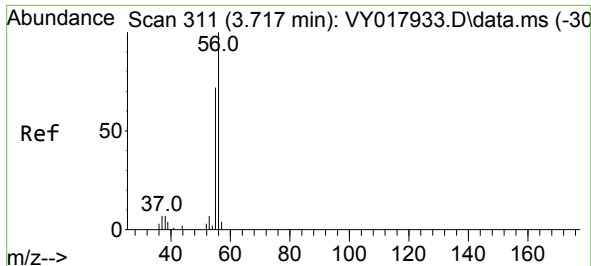
Tgt Ion:168 Resp: 295464
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.287 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

Tgt Ion: 59 Resp: 624
Ion Ratio Lower Upper
59 100
57 32.9 3.0 4.6#





#13

Acrolein

Concen: 1.986 ug/l

RT: 3.741 min Scan# 311

Delta R.T. 0.012 min

Lab File: VY018116.D

Acq: 02 May 2024 14:54

Instrument :

MSVOA_Y

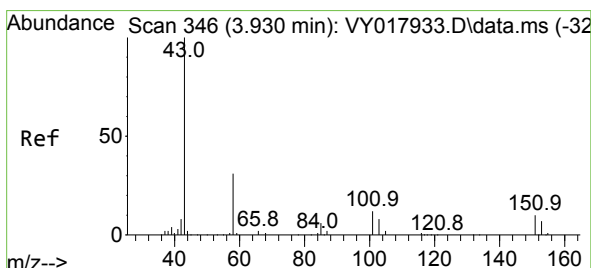
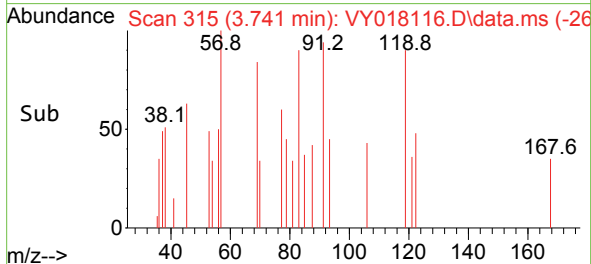
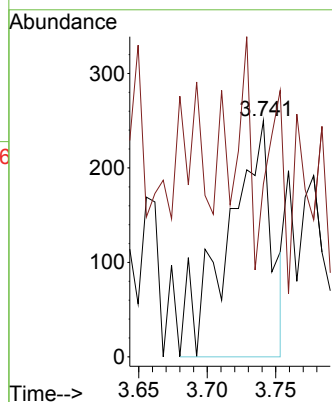
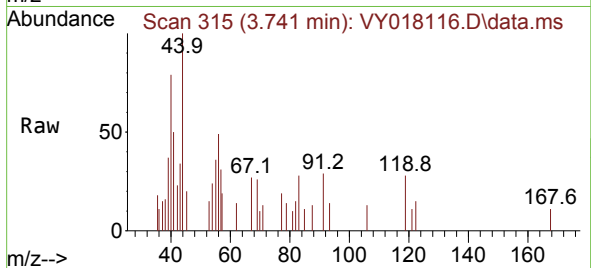
ClientSampleId :

Tgt Ion: 56 Resp: 561

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 1.355 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.018 min

Lab File: VY018116.D

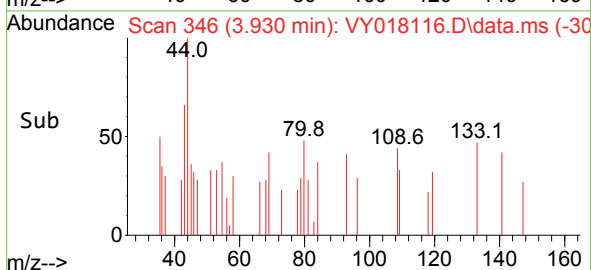
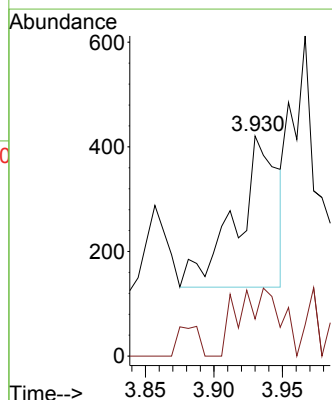
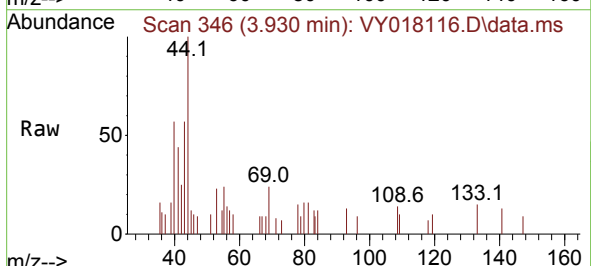
Acq: 02 May 2024 14:54

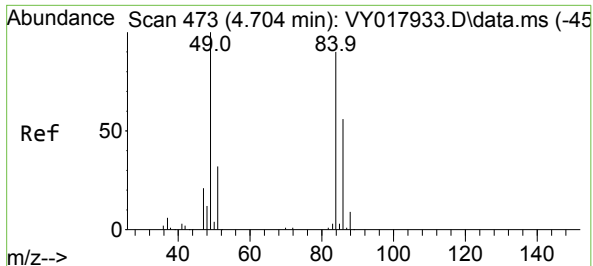
Tgt Ion: 43 Resp: 601

Ion Ratio Lower Upper

43 100

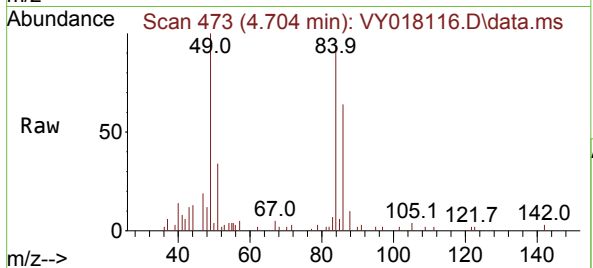
58 5.5 31.7 47.5#



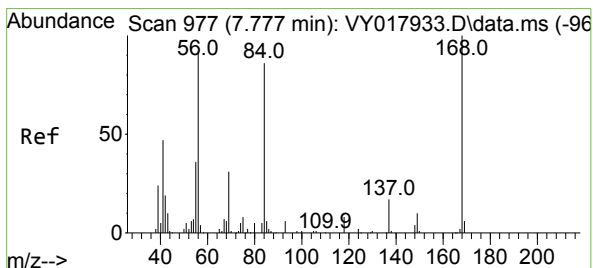
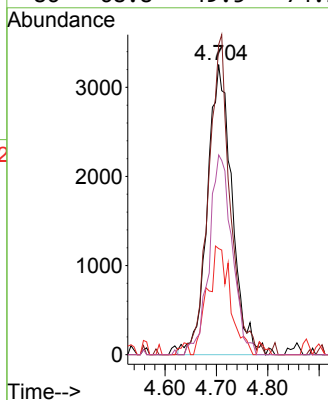
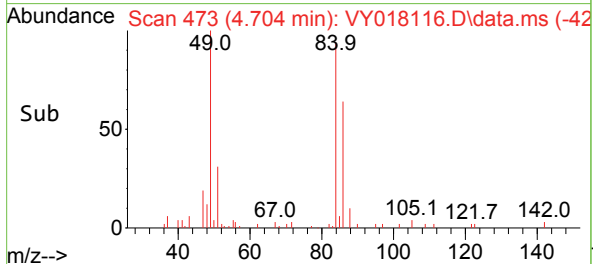


#20
Methylene Chloride
Concen: 3.478 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

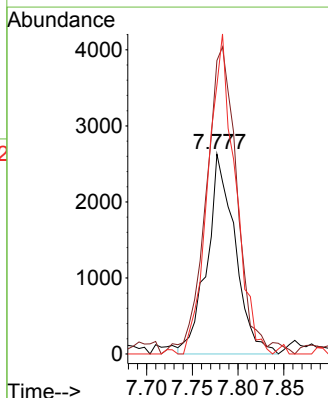
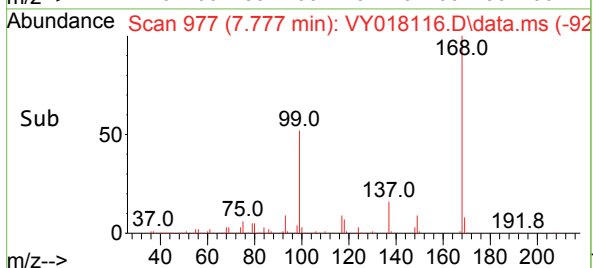
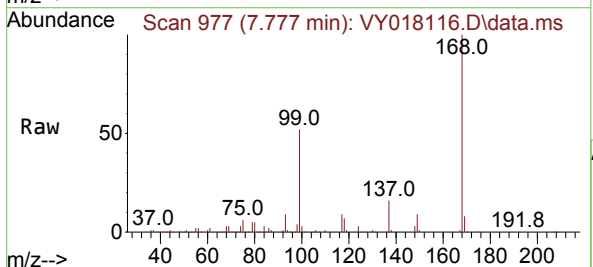


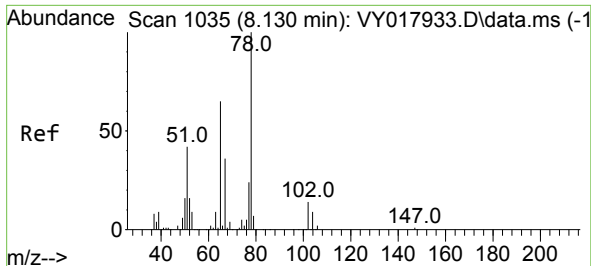
Tgt Ion:	84	Resp:	10813
Ion	Ratio	Lower	Upper
84	100		
49	106.9	84.4	126.6
51	36.6	26.0	39.0
86	68.8	49.5	74.3



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

Tgt Ion:	56	Resp:	5610
Ion	Ratio	Lower	Upper
56	100		
69	142.2	28.7	43.1#
84	145.6	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.334 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. -0.005 min

Lab File: VY018116.D

Acq: 02 May 2024 14:54

Instrument :

MSVOA_Y

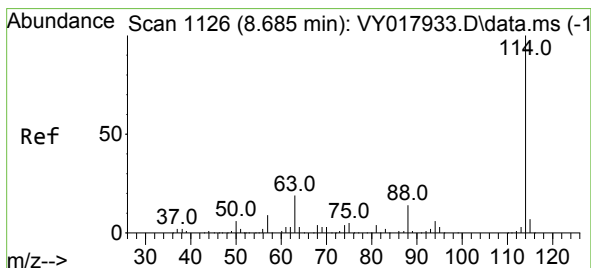
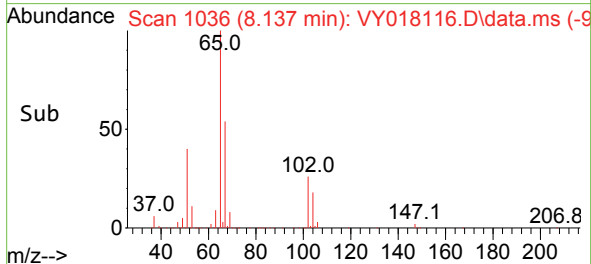
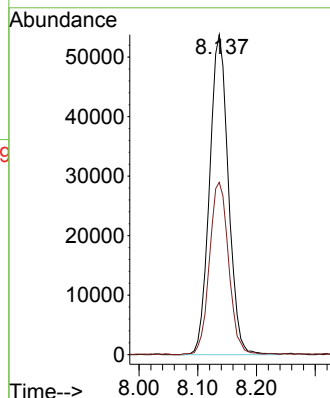
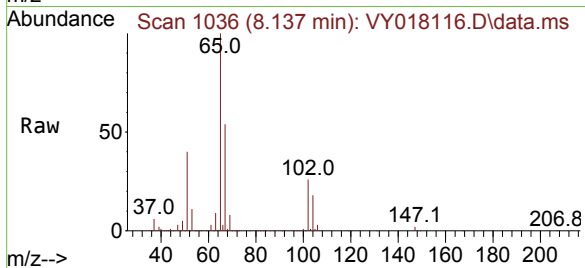
ClientSampleId :

Tgt Ion: 65 Resp: 119555

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018116.D

Acq: 02 May 2024 14:54

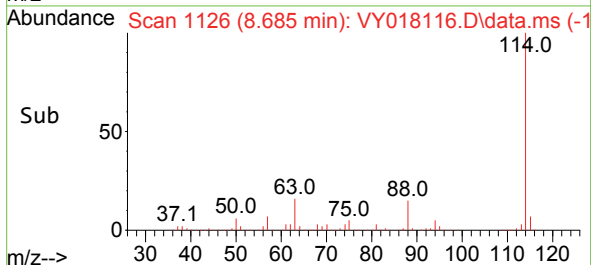
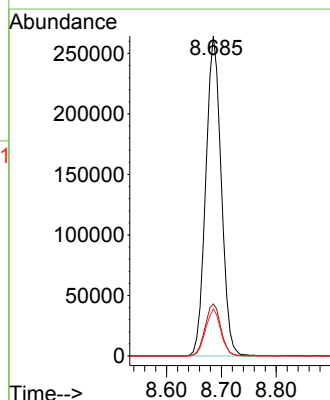
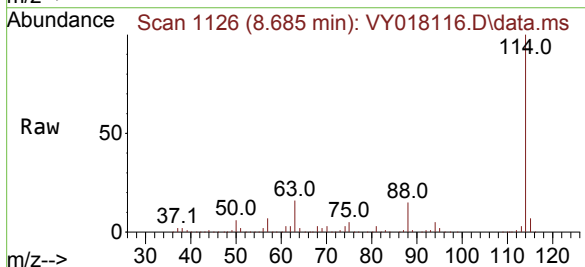
Tgt Ion: 114 Resp: 515516

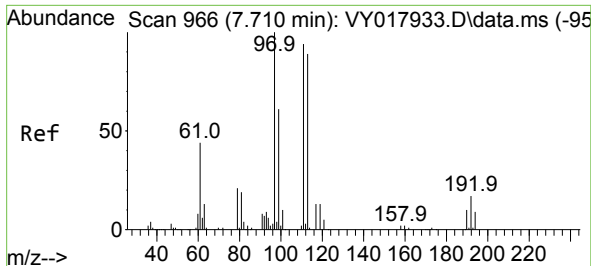
Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

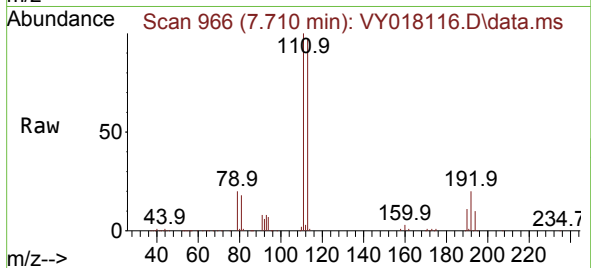
88 14.7 0.0 27.2



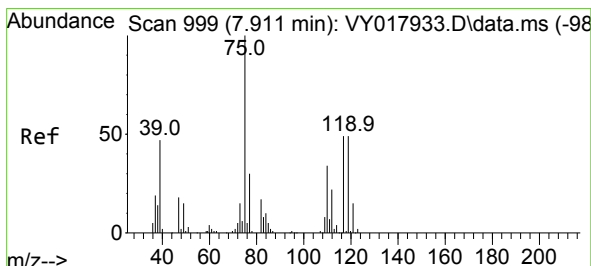
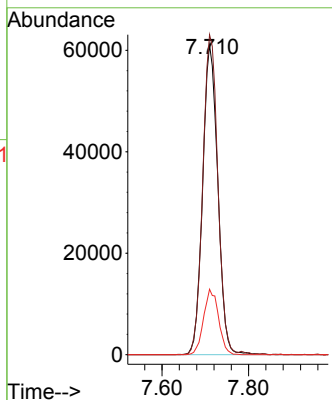
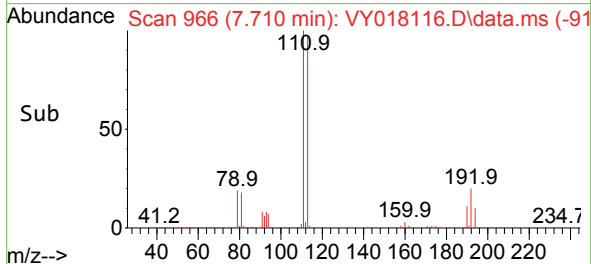


#35
Dibromofluoromethane
Concen: 50.035 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

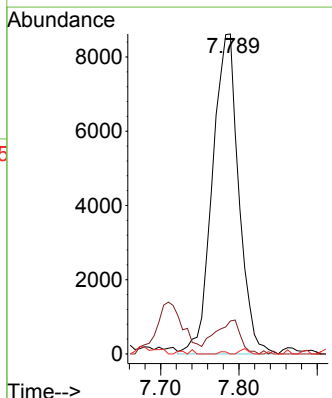
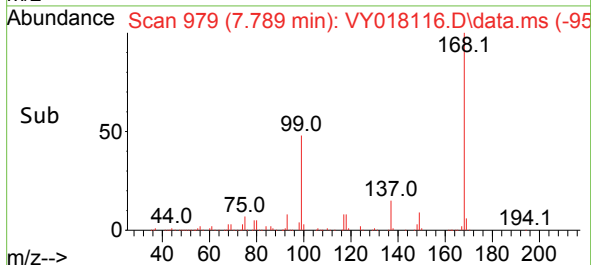
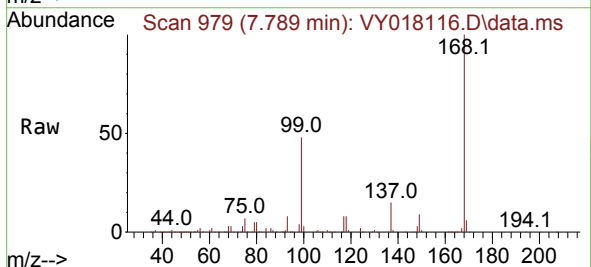


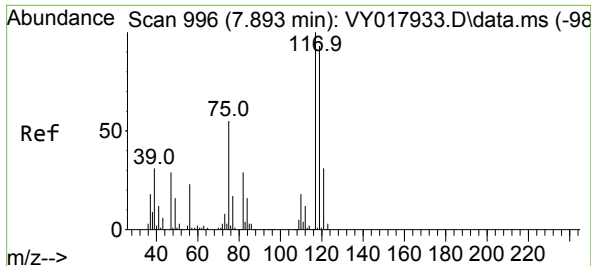
Tgt Ion:113 Resp: 148229
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

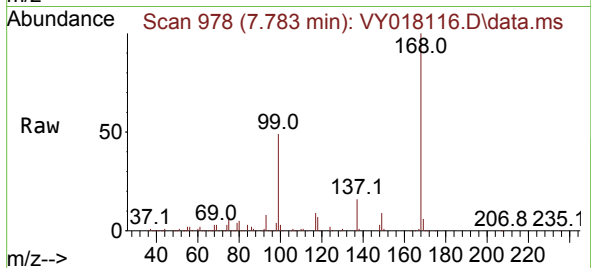
Tgt Ion: 75 Resp: 20123
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.2 25.3 37.9#



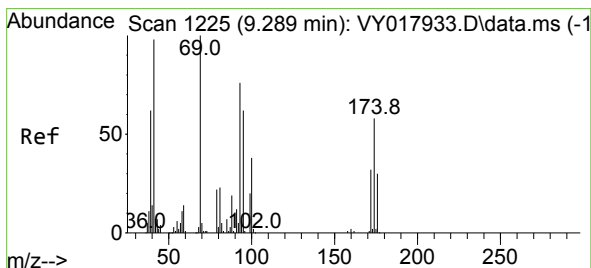
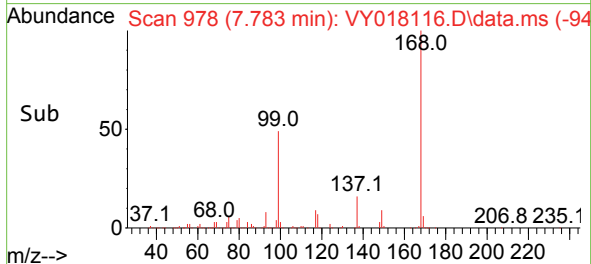
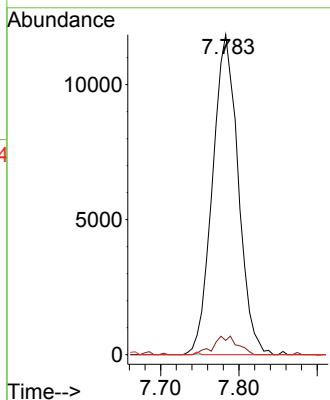


#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

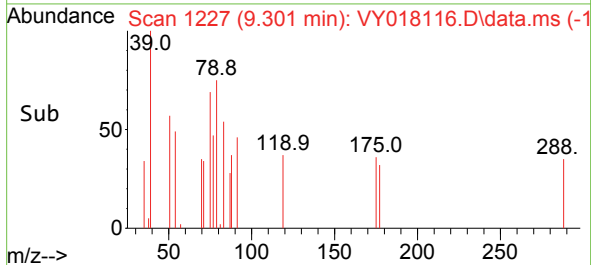
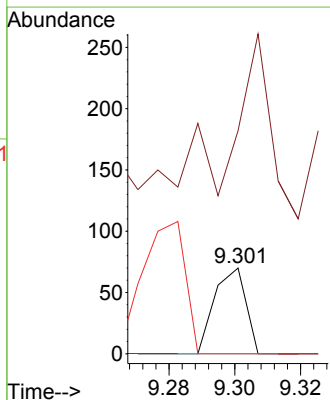
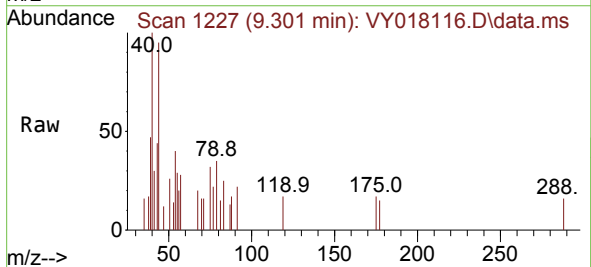


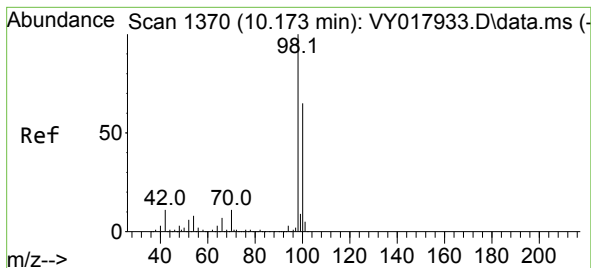
Tgt Ion:117 Resp: 27010
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.460 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 202.2 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 49.022 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018116.D

Acq: 02 May 2024 14:54

Instrument :

MSVOA_Y

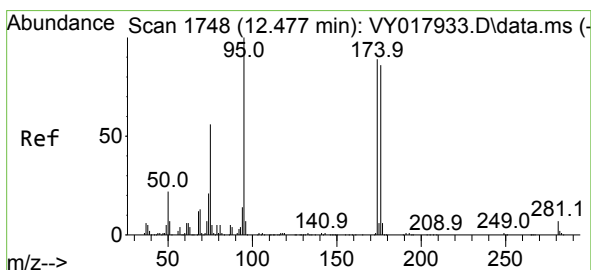
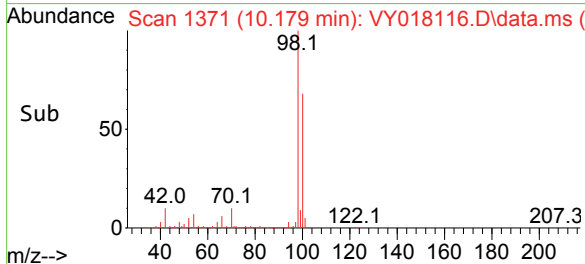
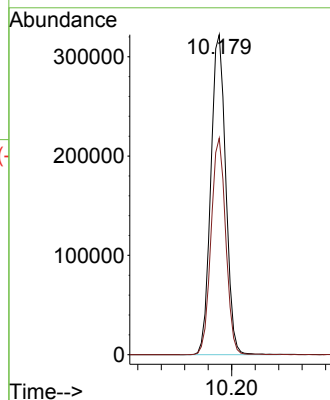
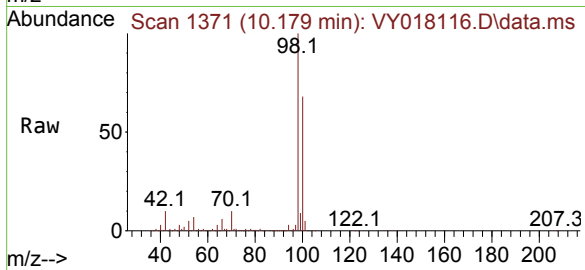
ClientSampleId :

Tgt Ion: 98 Resp: 566967

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.549 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018116.D

Acq: 02 May 2024 14:54

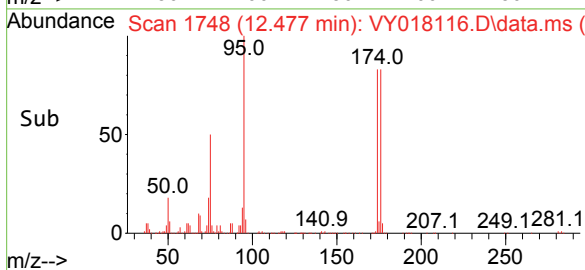
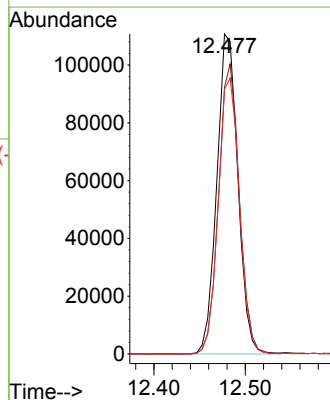
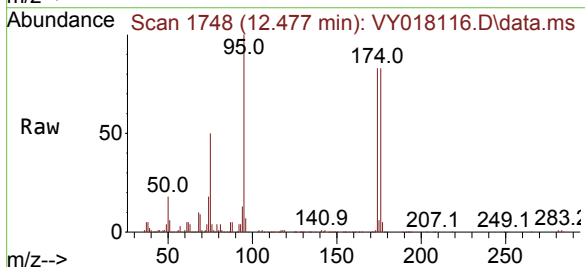
Tgt Ion: 95 Resp: 177313

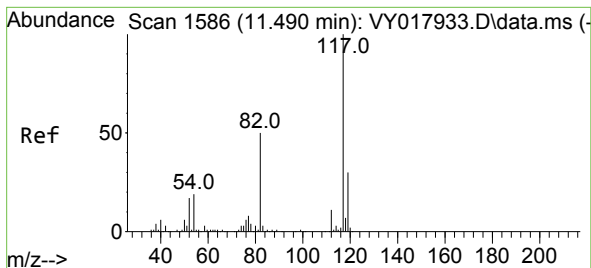
Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.6

176 87.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY018116.D

Acq: 02 May 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

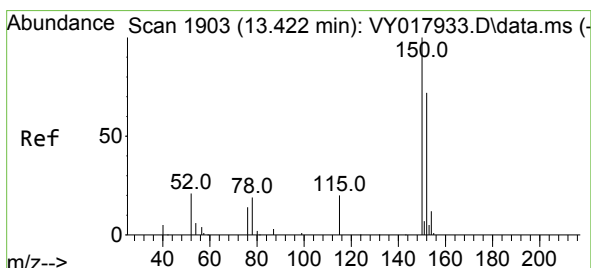
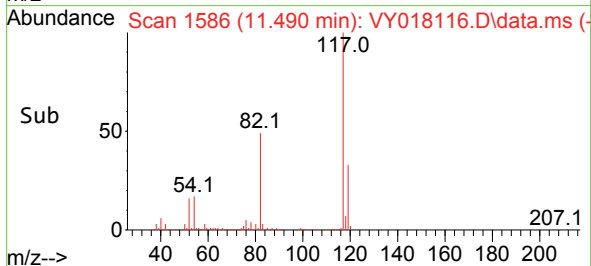
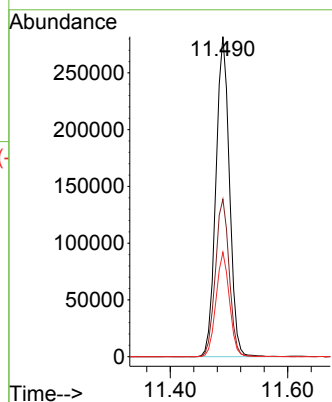
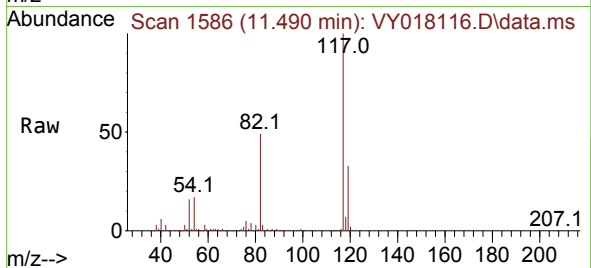
Tgt Ion:117 Resp: 452108

Ion Ratio Lower Upper

117 100

82 49.2 42.4 63.6

119 32.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018116.D

Acq: 02 May 2024 14:54

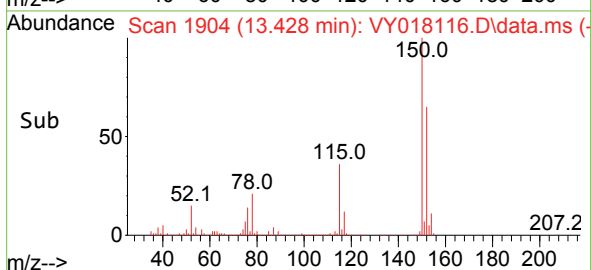
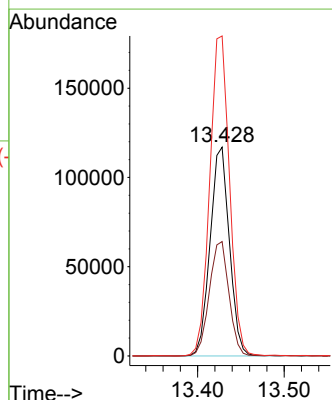
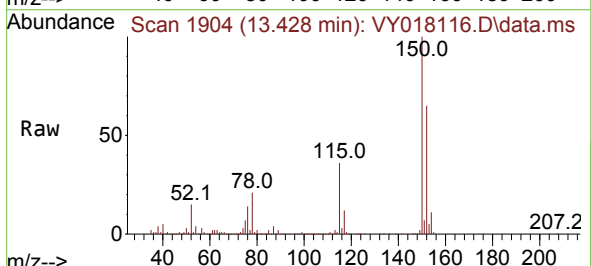
Tgt Ion:152 Resp: 181207

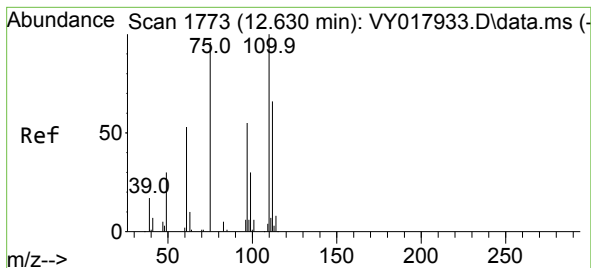
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 157.3 0.0 345.6

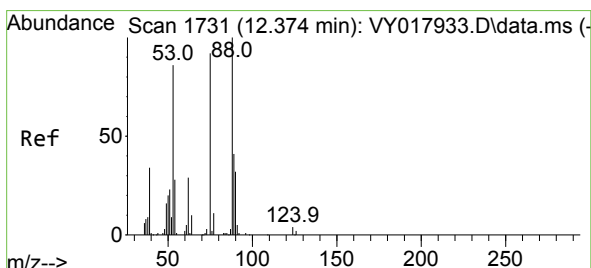
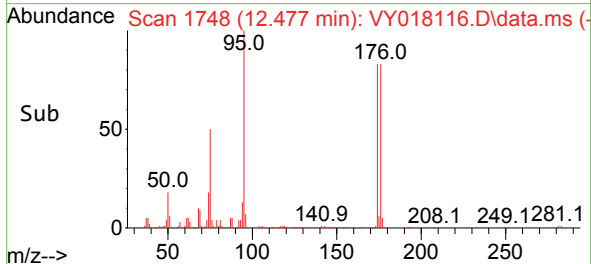
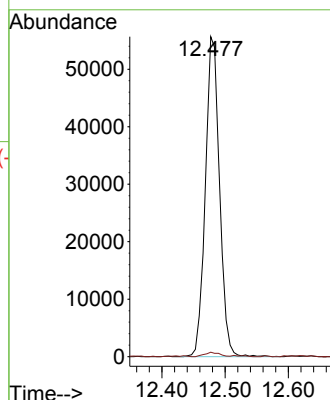
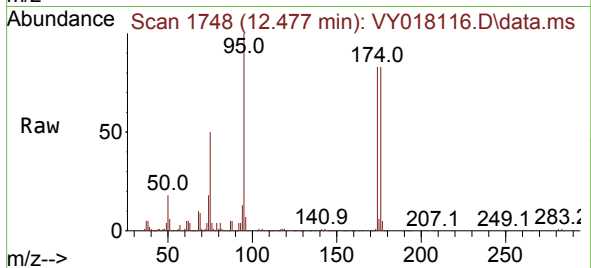




#76
1,2,3-Trichloropropane
Concen: 57.150 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 86913
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.114 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018116.D
Acq: 02 May 2024 14:54

Tgt Ion: 75 Resp: 86913
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

