

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017056.D
 Acq On : 19 Jan 2024 15:22
 Operator : SY/MD
 Sample : P1185-03
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-10.5-11.0

Quant Time: Jan 19 22:23:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

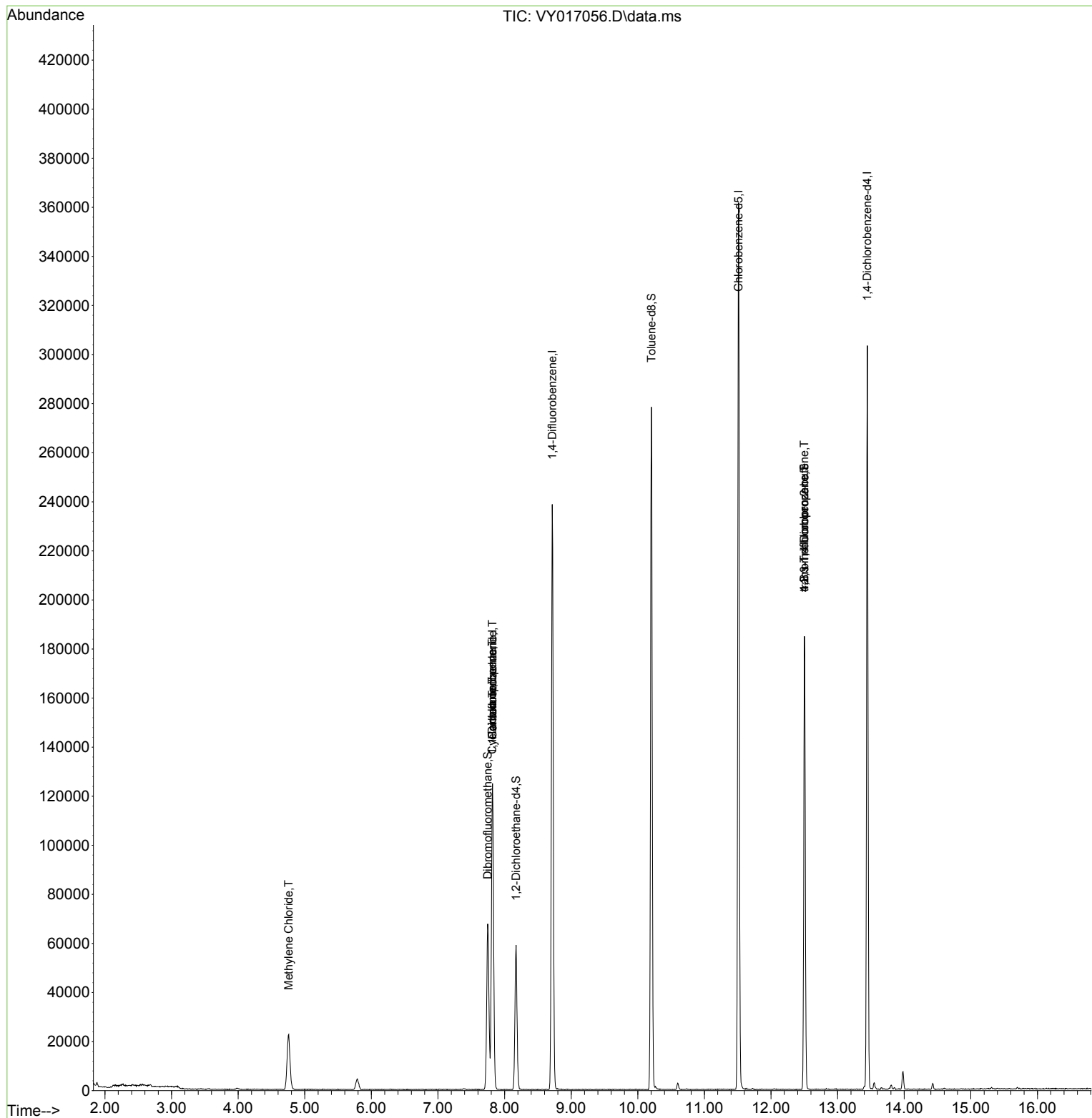
Internal Standards						
1) Pentafluorobenzene	7.819	168	95161	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	205128	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	196311	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	72599	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	44793	47.625	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.260%		
35) Dibromofluoromethane	7.746	113	48570	37.157	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	74.320%		
50) Toluene-d8	10.203	98	182183	40.474	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	80.940%		
62) 4-Bromofluorobenzene	12.501	95	55832	36.764	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	73.520%		
Target Compounds						
16) Acetone	3.978	43	486	Below Cal	#	76
20) Methylene Chloride	4.759	84	16980	7.769	ug/l	95
31) Cyclohexane	7.813	56	2156	1.336	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	8101	4.253	ug/l #	46
38) Carbon Tetrachloride	7.819	117	10388	5.367	ug/l #	16
76) 1,2,3-Trichloropropane	12.501	75	29436	37.363	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	29436	84.843	ug/l #	12

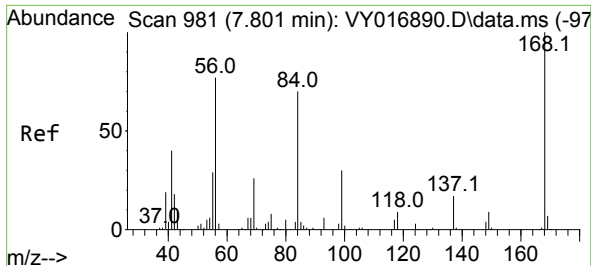
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-6-10.5-11.0

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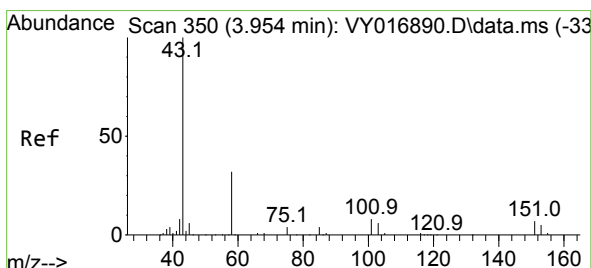
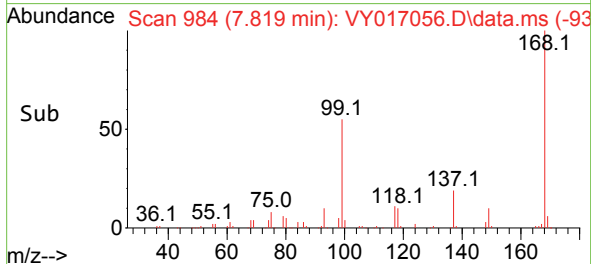
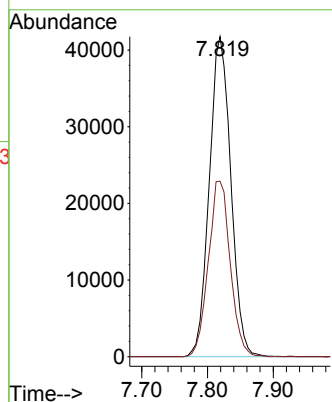
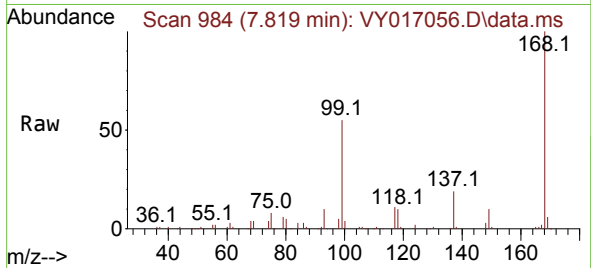




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

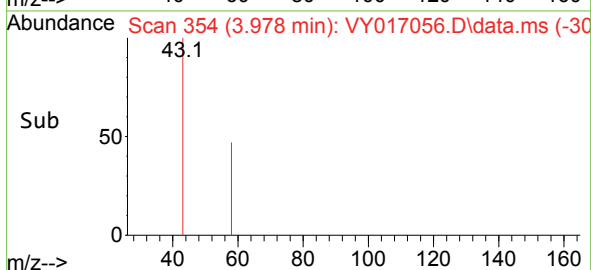
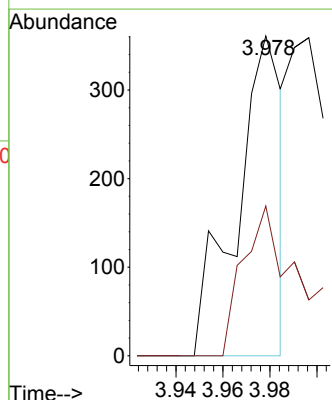
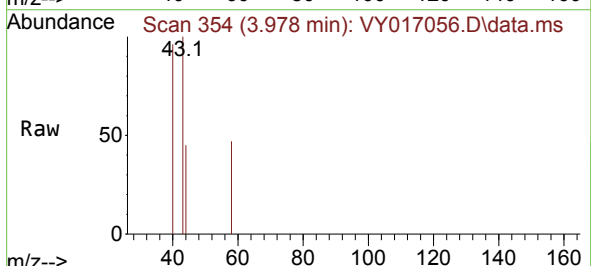
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-10.5-11.0

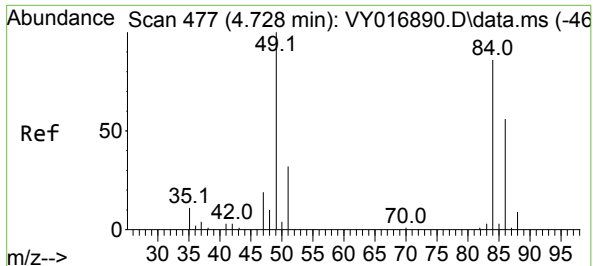
Tgt Ion:168 Resp: 95161
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.978 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
58 46.8 26.6 39.8#



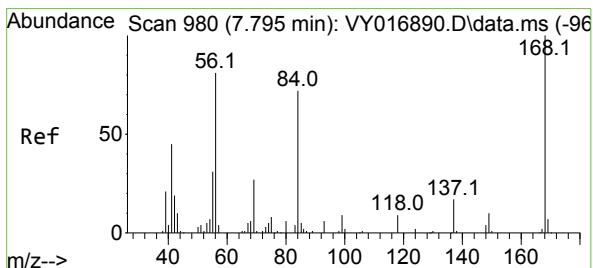
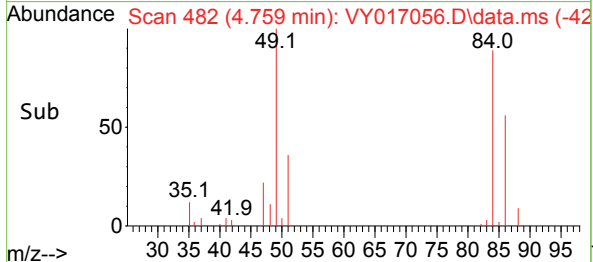
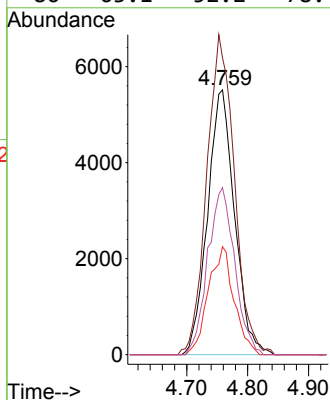
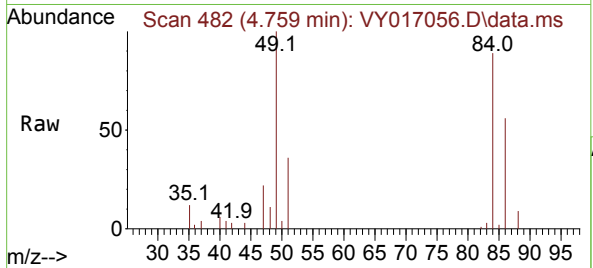


#20
Methylene Chloride
Concen: 7.769 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-10.5-11.0

Tgt Ion: 84 Resp: 16980

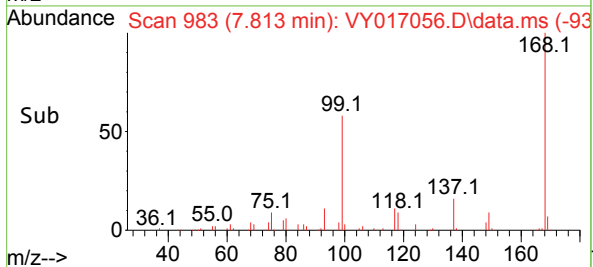
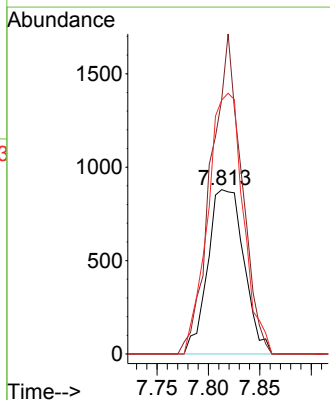
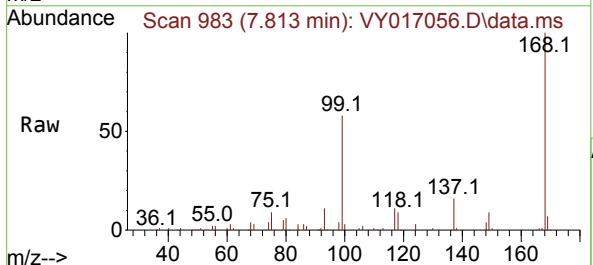
Ion	Ratio	Lower	Upper
84	100		
49	112.1	95.2	142.8
51	40.8	29.9	44.9
86	63.1	52.2	78.4

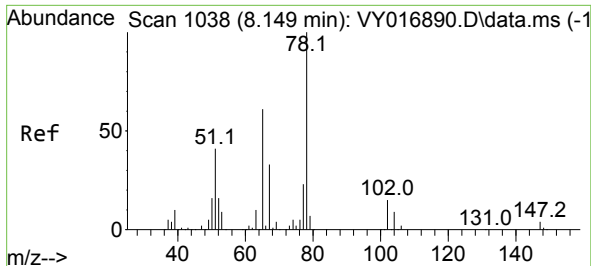


#31
Cyclohexane
Concen: 1.336 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

Tgt Ion: 56 Resp: 2156

Ion	Ratio	Lower	Upper
56	100		
69	154.9	27.0	40.6#
84	154.4	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 47.625 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY017056.D

Acq: 19 Jan 2024 15:22

Instrument :

MSVOA_Y

ClientSampleId :

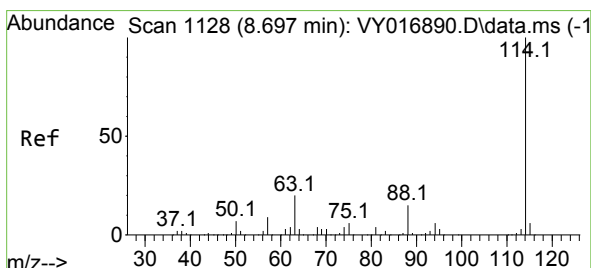
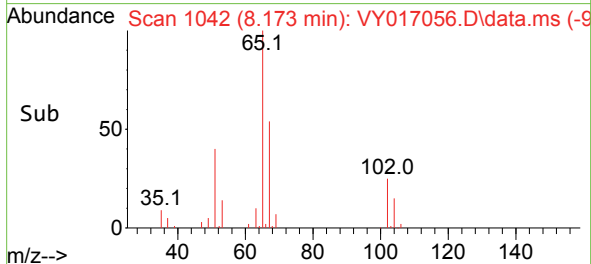
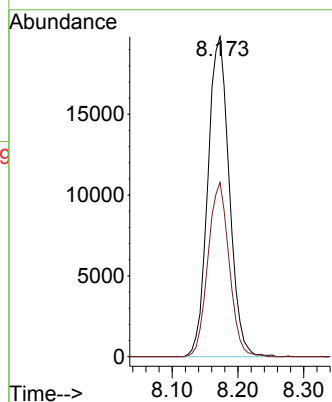
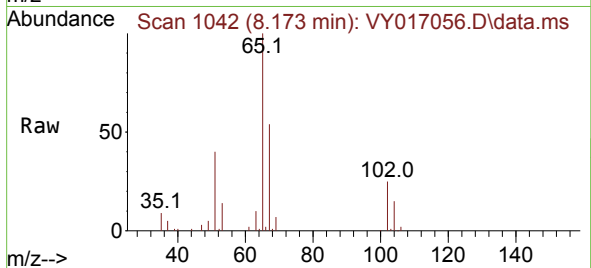
SB-6-10.5-11.0

Tgt Ion: 65 Resp: 44793

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY017056.D

Acq: 19 Jan 2024 15:22

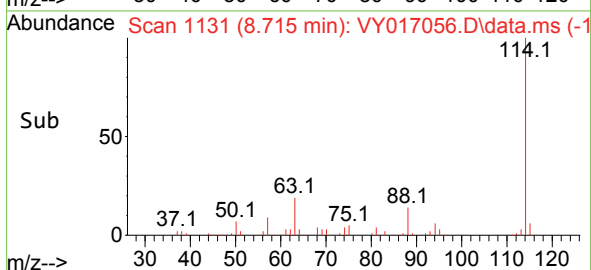
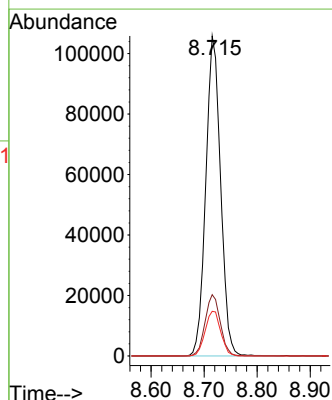
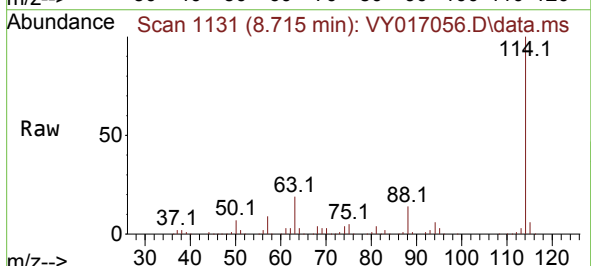
Tgt Ion: 114 Resp: 205128

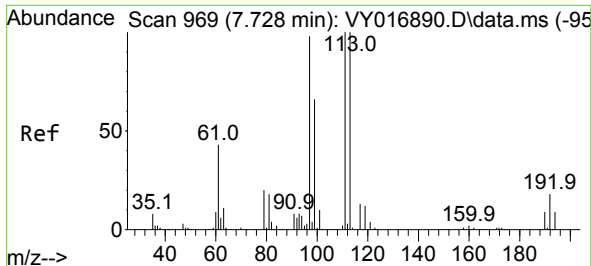
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.0 0.0 29.0

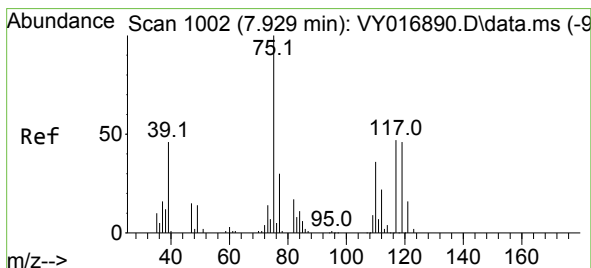
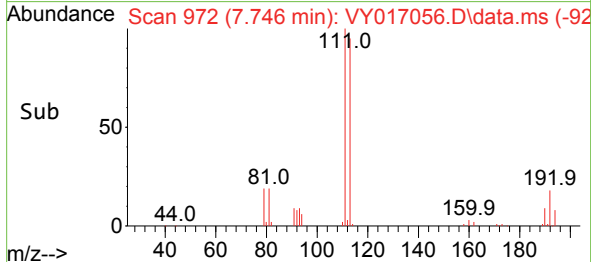
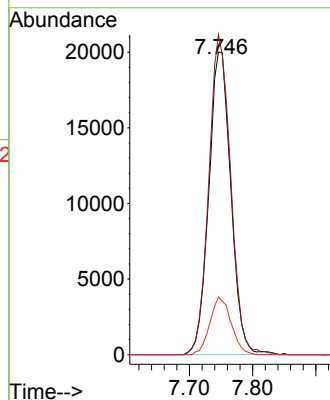
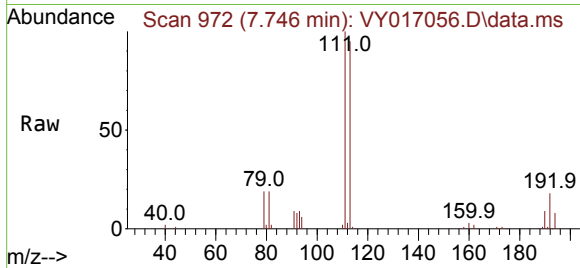




#35
Dibromofluoromethane
Concen: 37.157 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

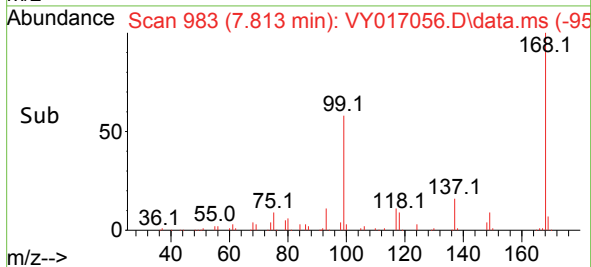
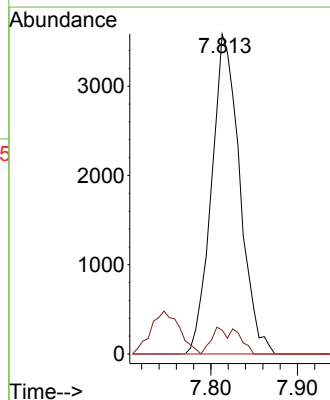
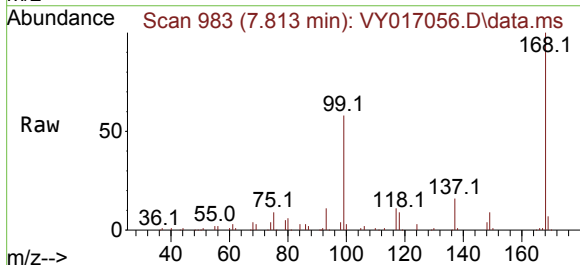
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-10.5-11.0

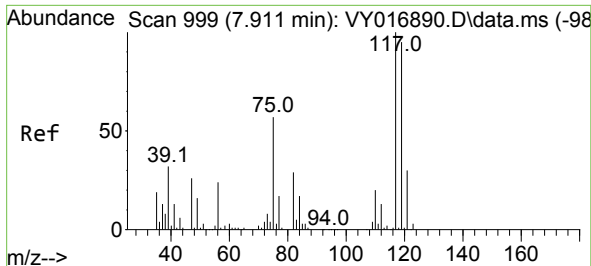
Tgt Ion:113 Resp: 48570
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.253 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

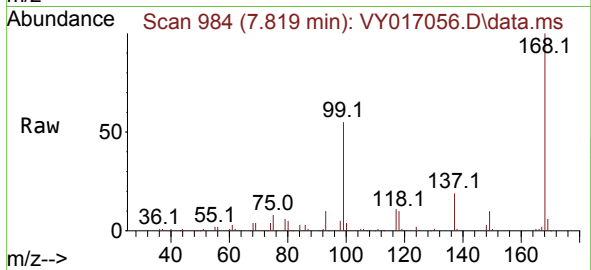
Tgt Ion: 75 Resp: 8101
Ion Ratio Lower Upper
75 100
110 4.5 17.4 52.3#
77 0.0 24.7 37.1#



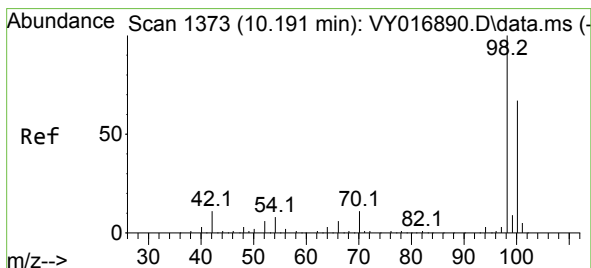
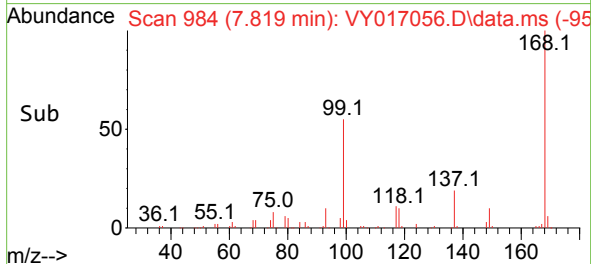
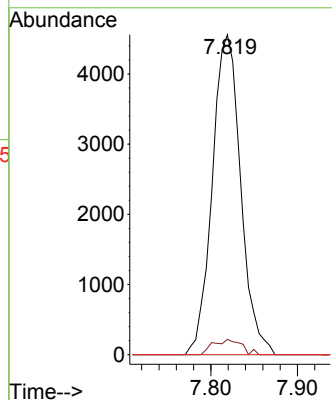


#38
Carbon Tetrachloride
Concen: 5.367 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-10.5-11.0

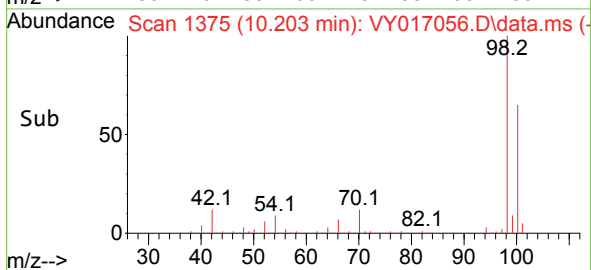
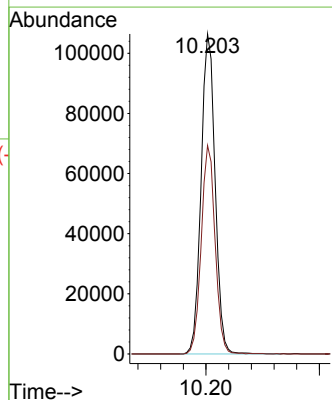
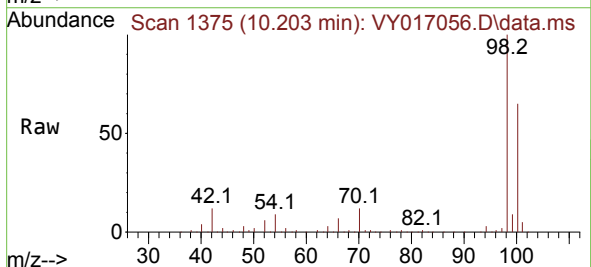


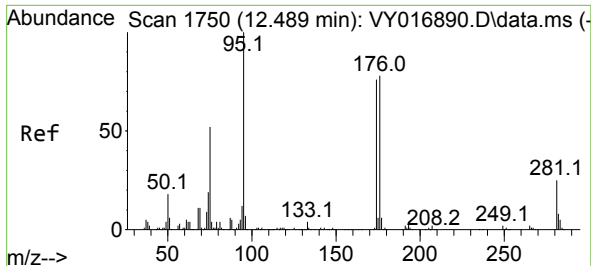
Tgt Ion:117 Resp: 10388
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.474 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

Tgt Ion: 98 Resp: 182183
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

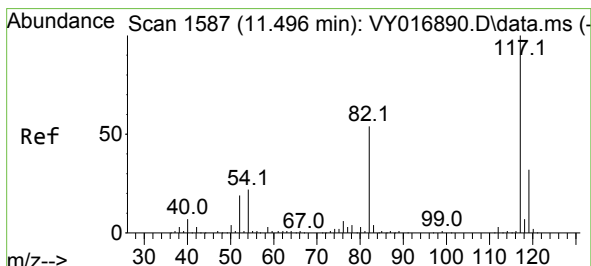
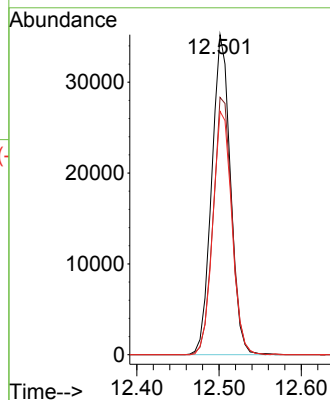
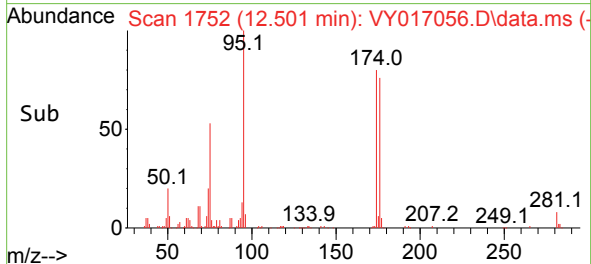
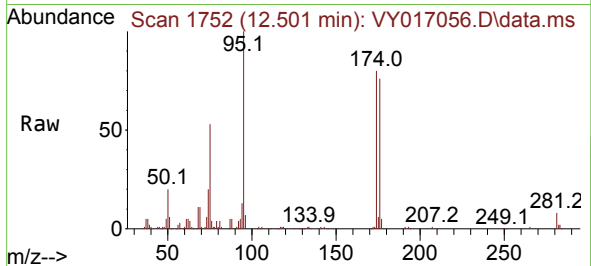




#62
4-Bromofluorobenzene
Concen: 36.764 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

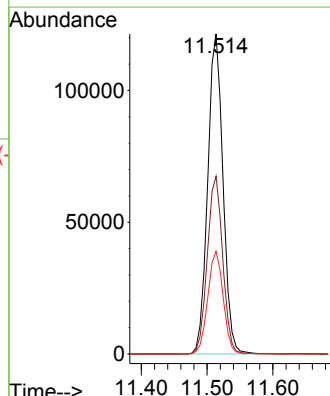
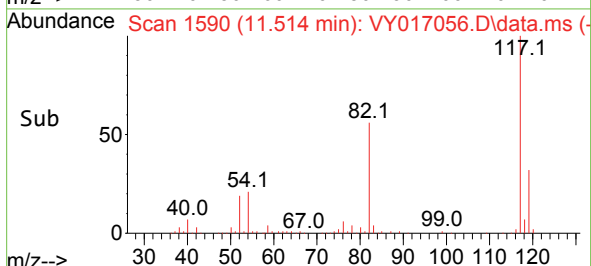
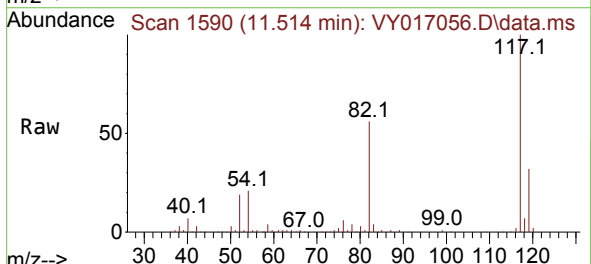
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-10.5-11.0

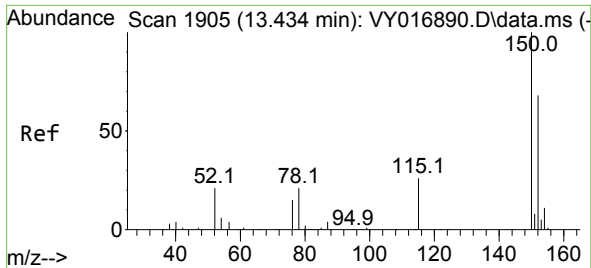
Tgt Ion:	95	Resp:	55832
Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	160.0
176	77.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.011 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

Tgt Ion:	117	Resp:	196311
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.8
119	32.1	26.5	39.7

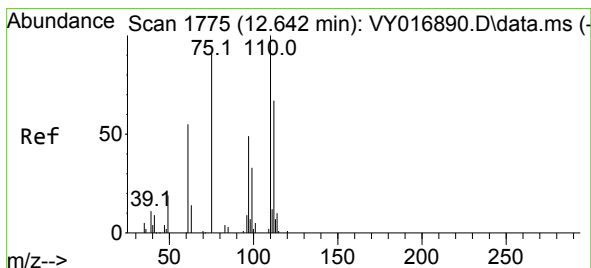
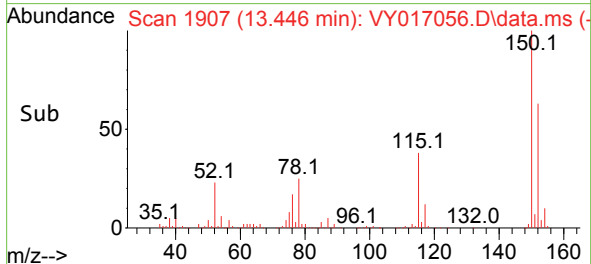
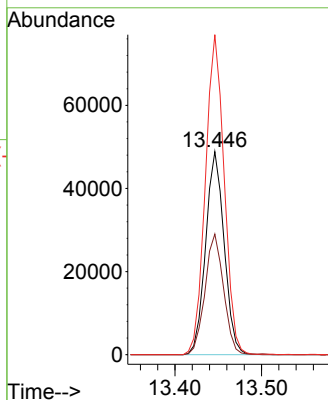
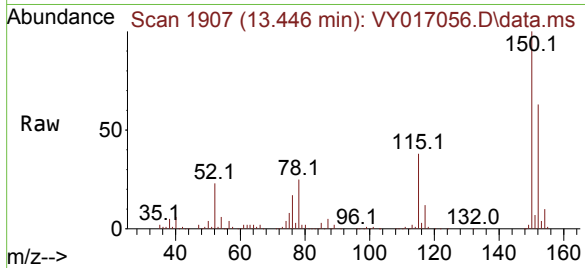




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.012 min
 Lab File: VY017056.D
 Acq: 19 Jan 2024 15:22

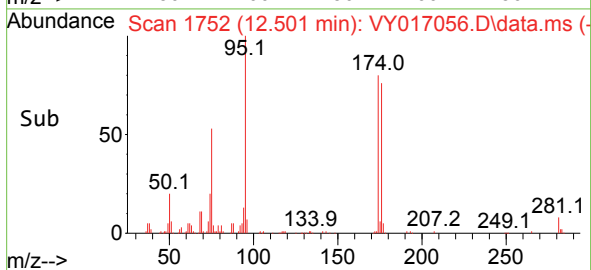
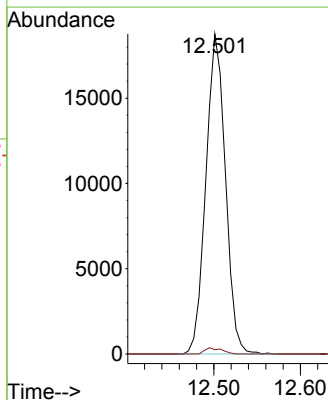
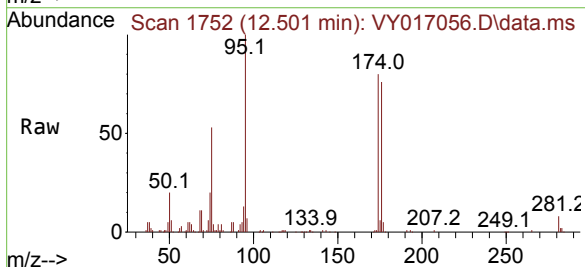
Instrument :
 MSVOA_Y
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 SB-6-10.5-11.0

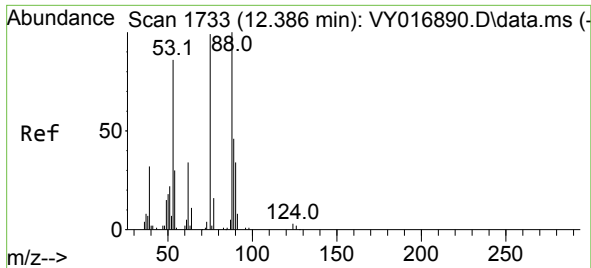
Tgt Ion:152 Resp: 72599
 Ion Ratio Lower Upper
 152 100
 115 59.6 30.0 90.0
 150 159.9 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 37.363 ug/l
 RT: 12.501 min Scan# 1752
 Delta R.T. -0.141 min
 Lab File: VY017056.D
 Acq: 19 Jan 2024 15:22

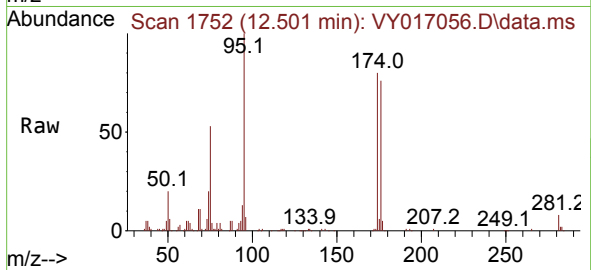
Tgt Ion: 75 Resp: 29436
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.843 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY017056.D
Acq: 19 Jan 2024 15:22

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-10.5-11.0



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.0	111.0#
89	0.0	36.5	54.7#

