

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017057.D
 Acq On : 19 Jan 2024 15:45
 Operator : SY/MD
 Sample : P1185-04
 Misc : 3.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-19.5-20.0

Quant Time: Jan 19 22:23:34 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)

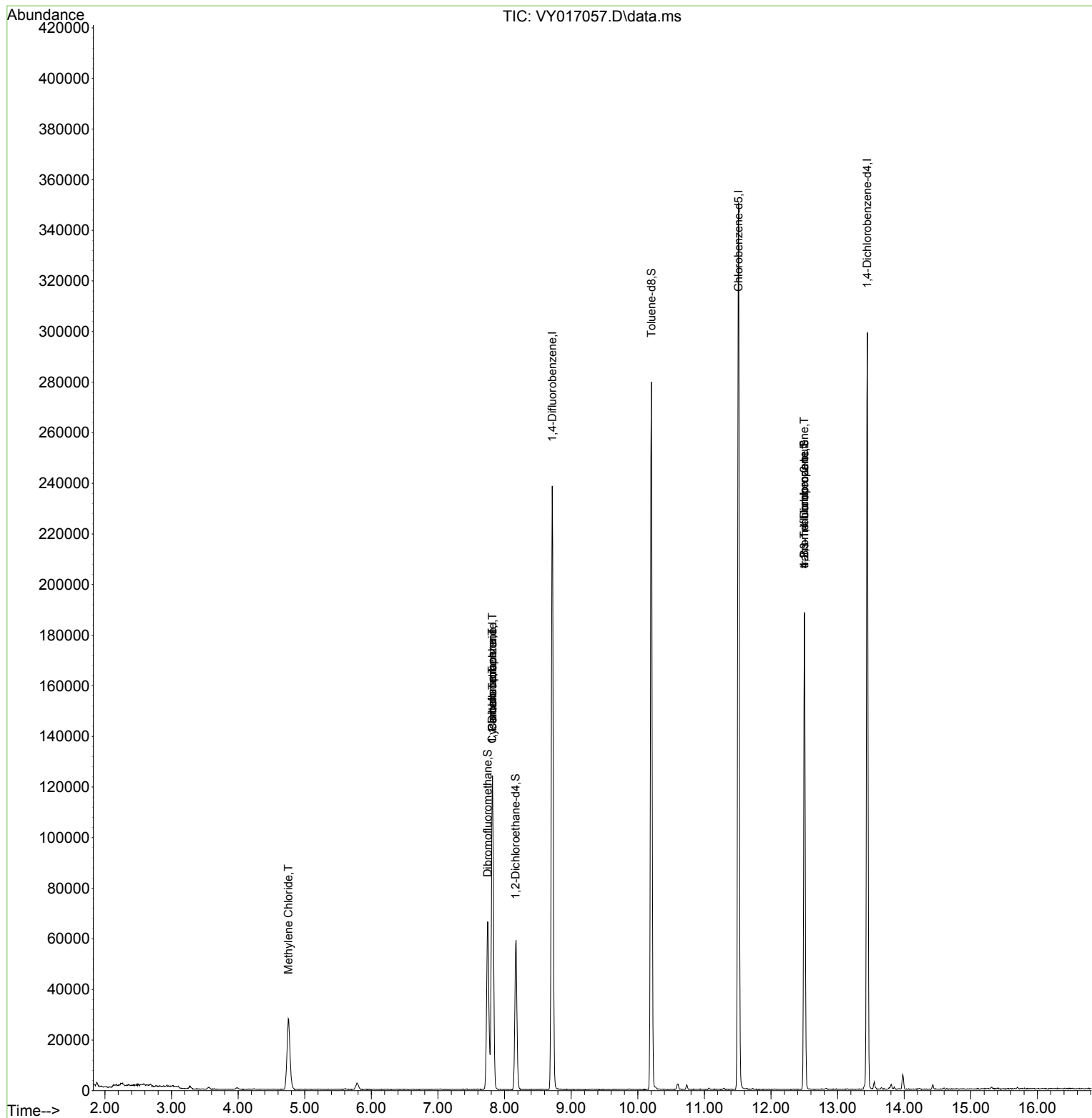
Internal Standards						
1) Pentafluorobenzene	7.820	168	93973	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	203937	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	197309	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	74321	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	44460	47.869	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.740%		
35) Dibromofluoromethane	7.746	113	47997	36.933	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	73.860%		
50) Toluene-d8	10.203	98	178476	39.882	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.760%		
62) 4-Bromofluorobenzene	12.502	95	55040	36.454	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	72.900%		
Target Compounds						
16) Acetone	3.997	43	1129	Below Cal	#	85
20) Methylene Chloride	4.753	84	20872	11.602	ug/l	92
31) Cyclohexane	7.813	56	2072	1.300	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	8026	4.238	ug/l #	49
38) Carbon Tetrachloride	7.820	117	9298	4.832	ug/l #	17
76) 1,2,3-Trichloropropane	12.502	75	29668	36.785	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	29668	83.530	ug/l #	12

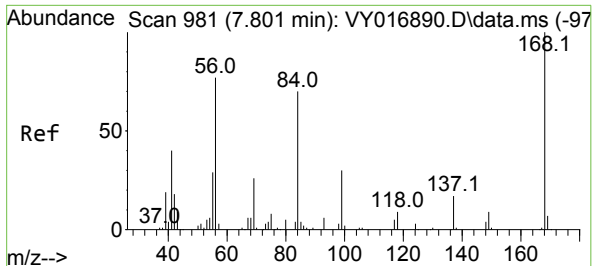
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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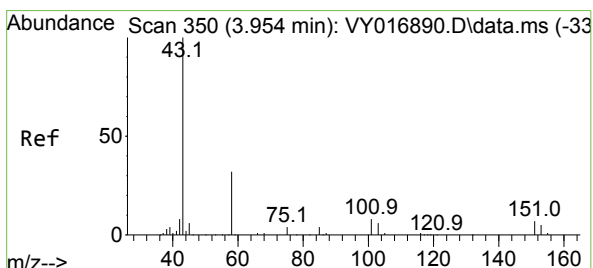
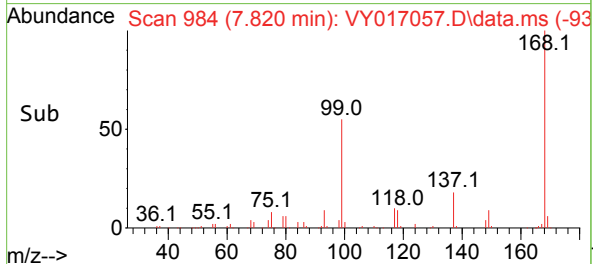
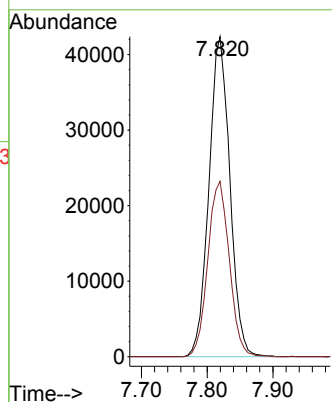
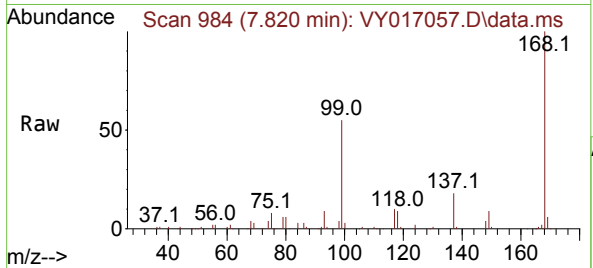




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

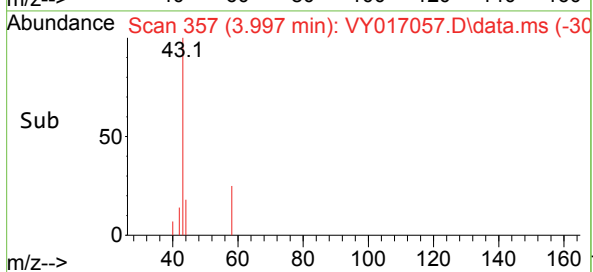
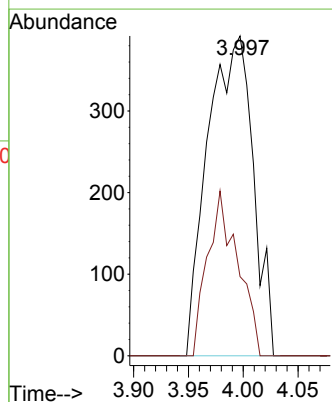
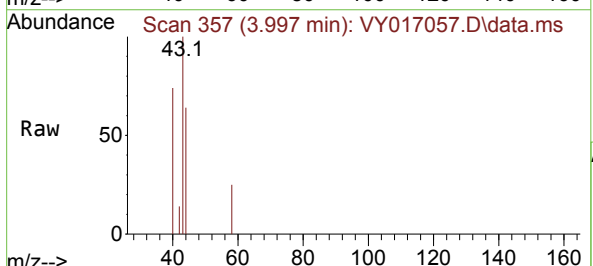
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-19.5-20.0

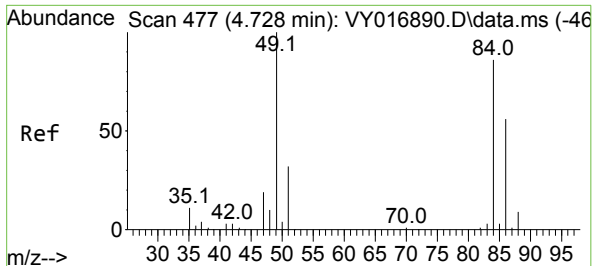
Tgt Ion:168 Resp: 93973
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.997 min Scan# 357
Delta R.T. 0.037 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 24.7 26.6 39.8#

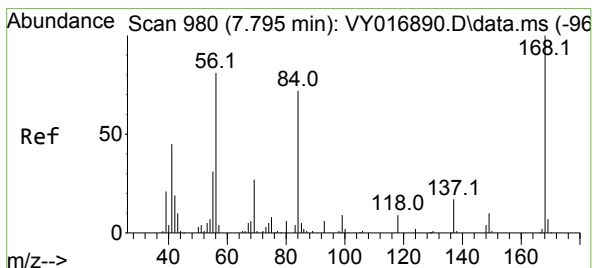
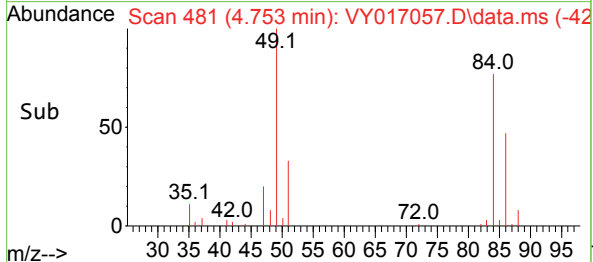
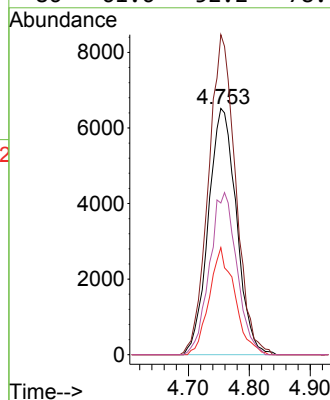
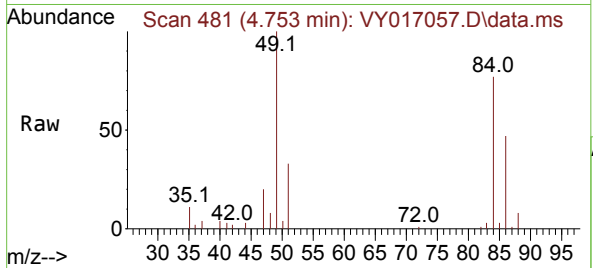




#20
Methylene Chloride
Concen: 11.602 ug/l
RT: 4.753 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

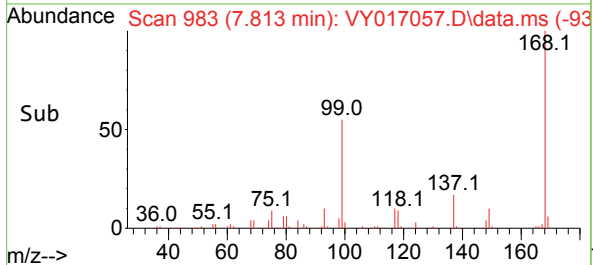
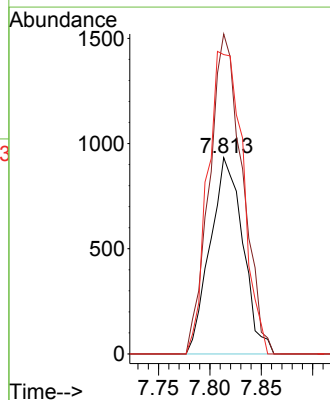
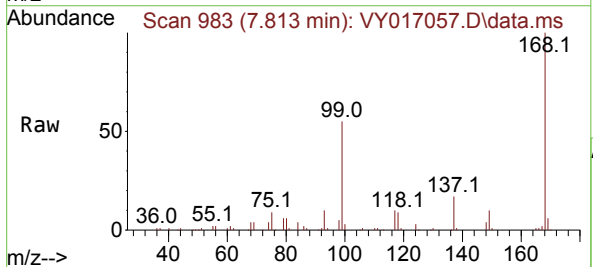
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-19.5-20.0

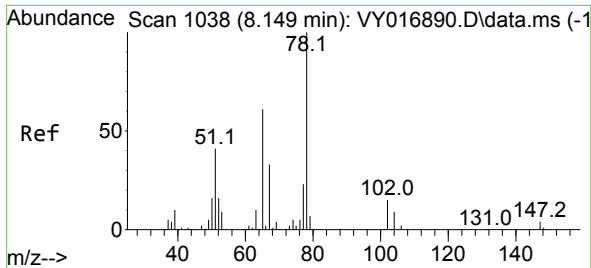
Tgt Ion: 84	Resp: 20872
Ion Ratio	Lower Upper
84 100	
49 130.0	95.2 142.8
51 43.5	29.9 44.9
86 61.6	52.2 78.4



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Tgt Ion: 56	Resp: 2072
Ion Ratio	Lower Upper
56 100	
69 163.0	27.0 40.6#
84 152.5	71.8 107.6#

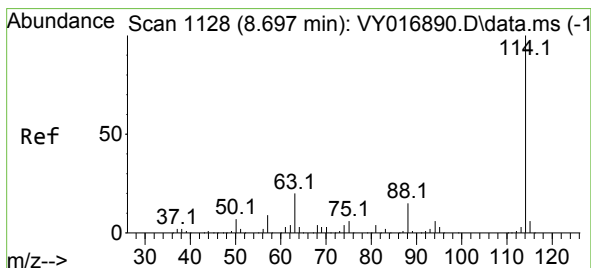
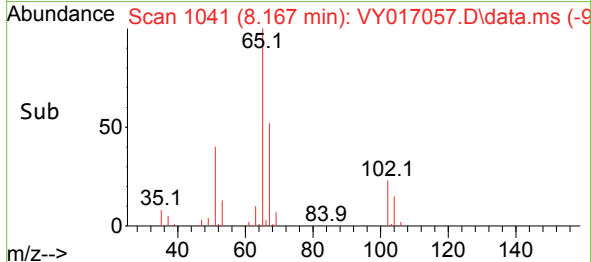
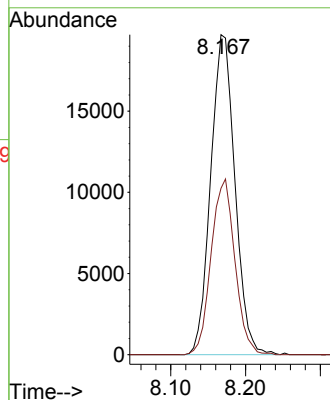
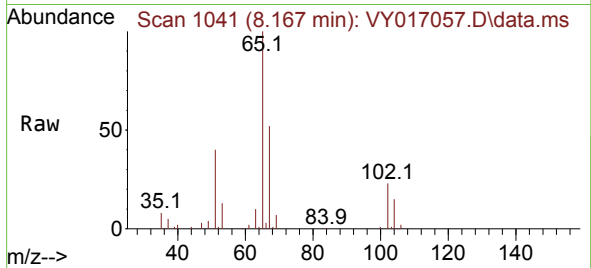




#33
1,2-Dichloroethane-d4
Concen: 47.869 ug/l
RT: 8.167 min Scan# 1103
Delta R.T. 0.012 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

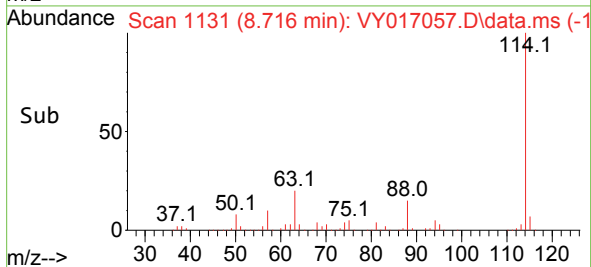
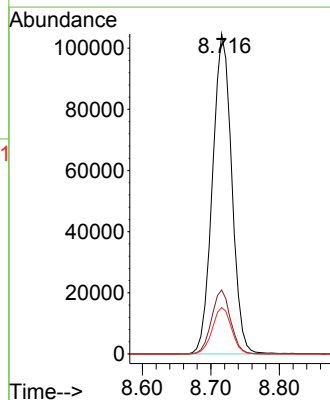
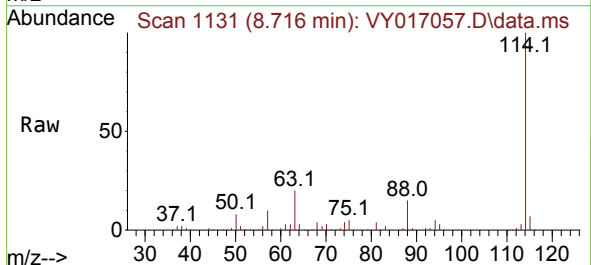
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-19.5-20.0

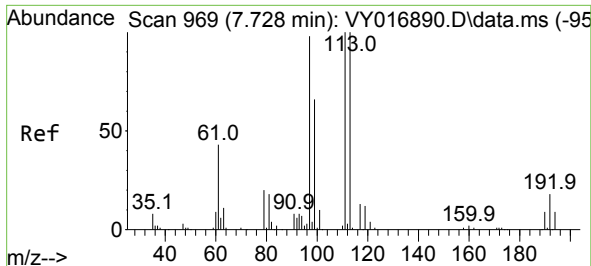
Tgt Ion: 65 Resp: 44460
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Tgt Ion: 114 Resp: 203937
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 14.5 0.0 29.0

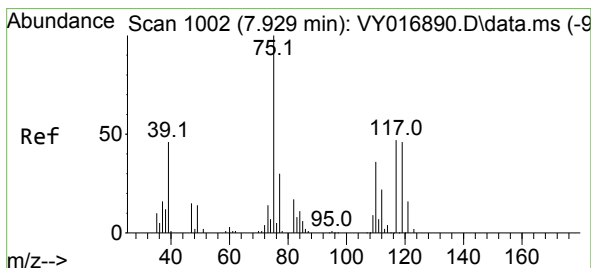
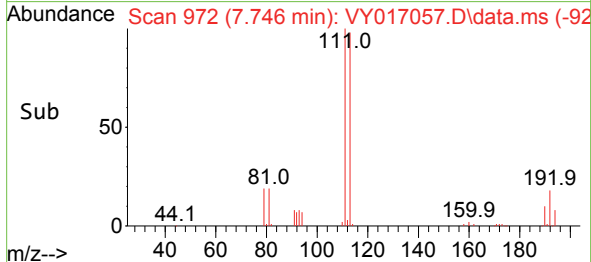
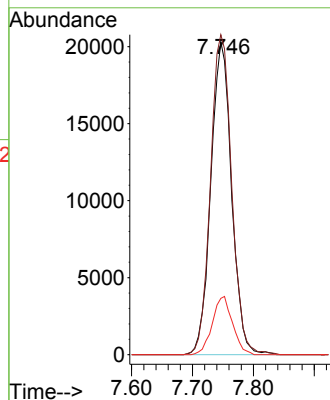
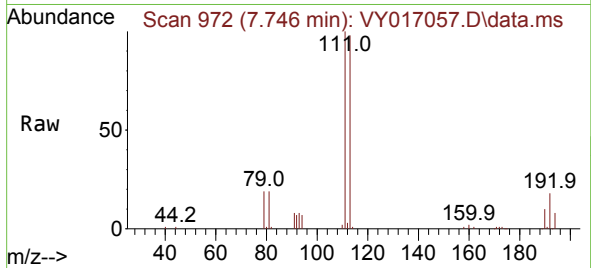




#35
Dibromofluoromethane
Concen: 36.933 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

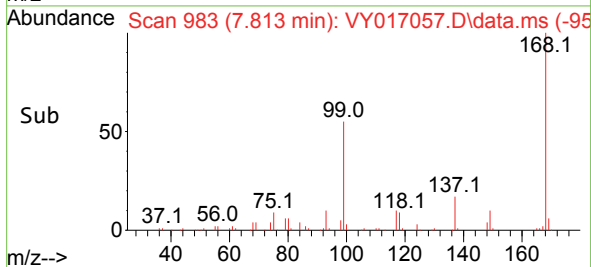
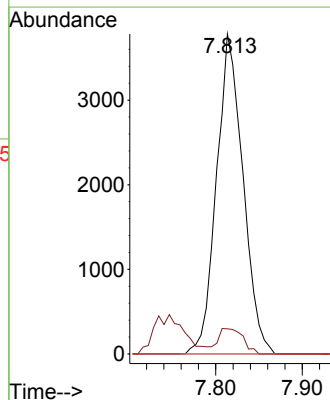
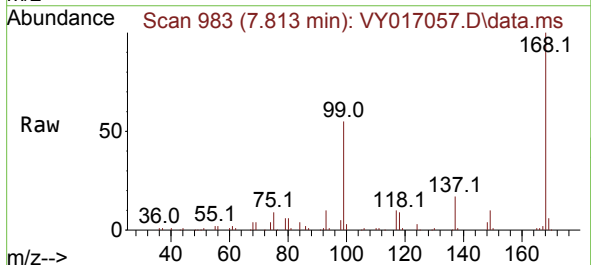
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-19.5-20.0

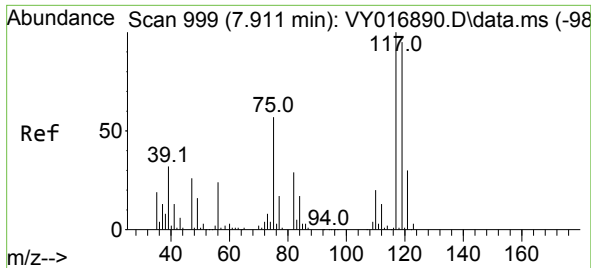
Tgt Ion:113 Resp: 47997
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.238 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Tgt Ion: 75 Resp: 8026
Ion Ratio Lower Upper
75 100
110 7.7 17.4 52.3#
77 0.0 24.7 37.1#

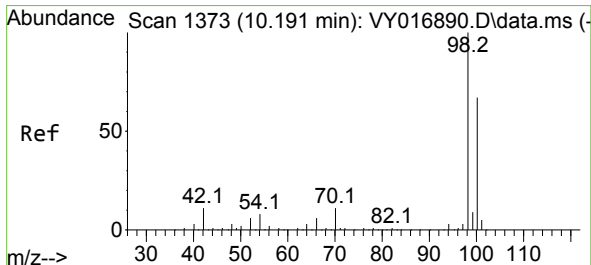
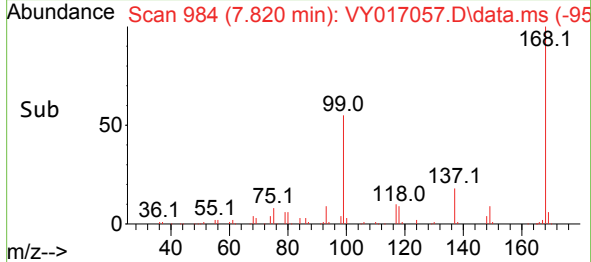
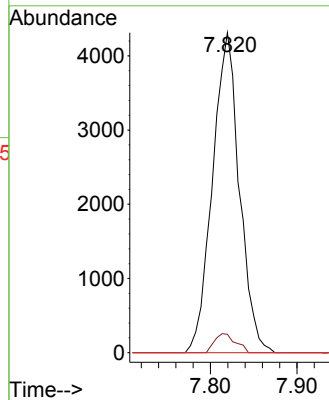
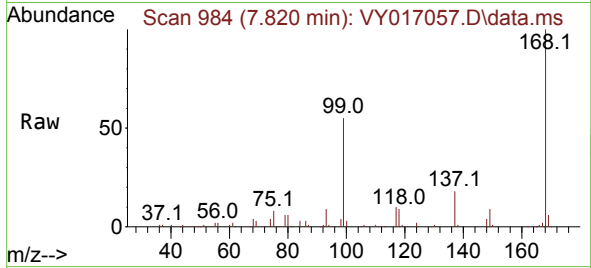




#38
Carbon Tetrachloride
Concen: 4.832 ug/l
RT: 7.820 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

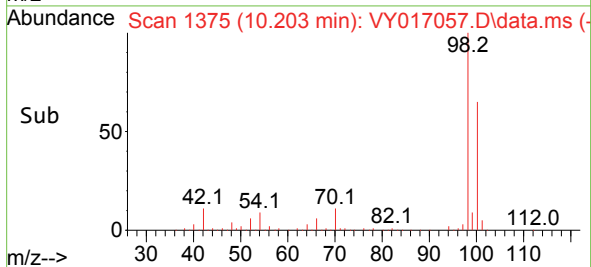
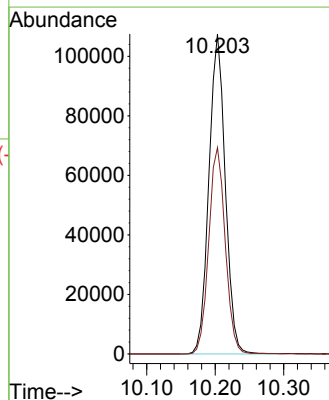
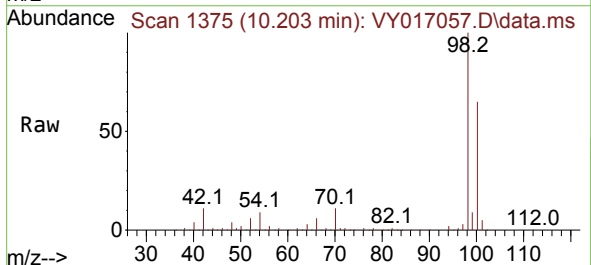
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-19.5-20.0

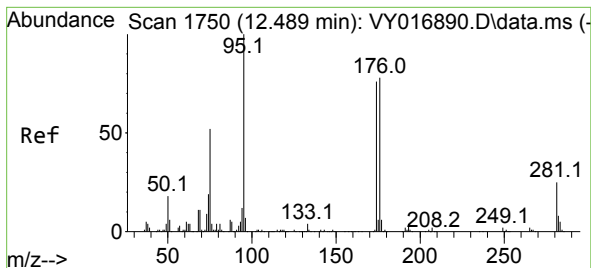
Tgt Ion:117 Resp: 9298
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.882 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Tgt Ion: 98 Resp: 178476
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

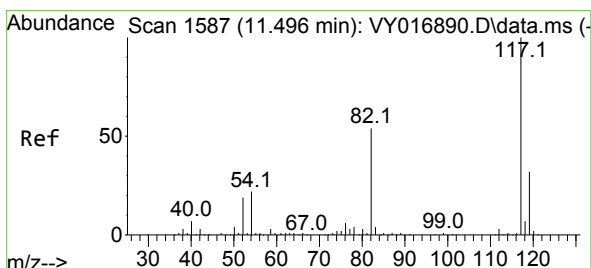
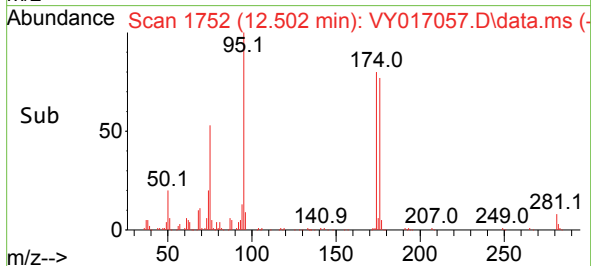
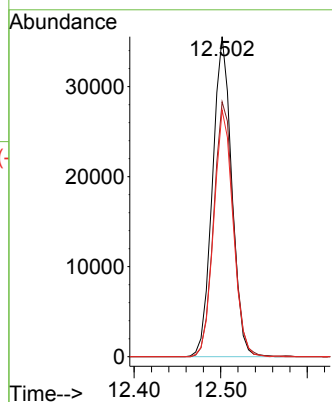
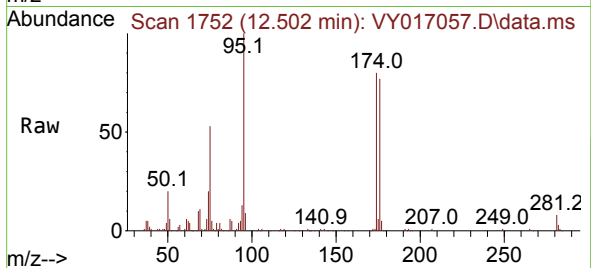




#62
4-Bromofluorobenzene
Concen: 36.454 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

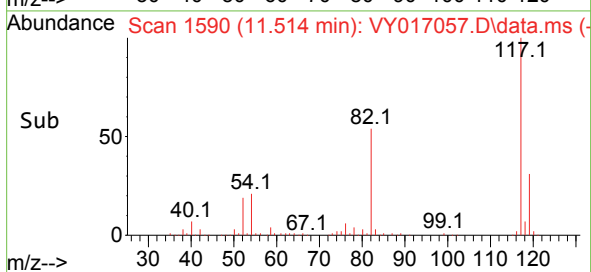
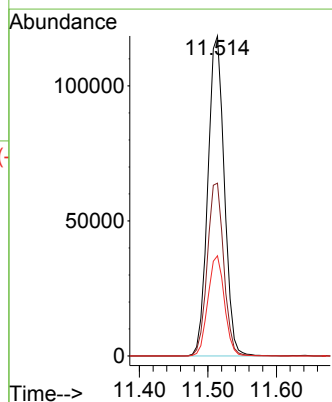
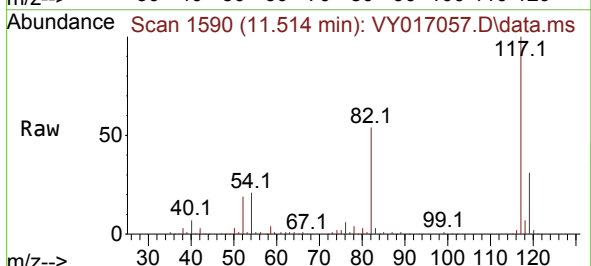
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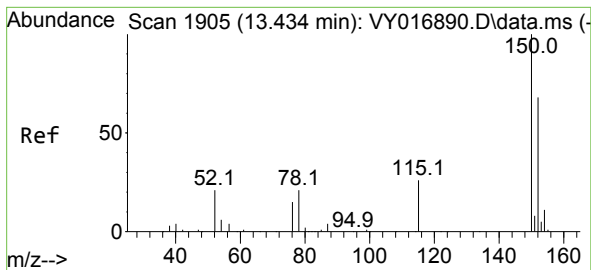
Tgt Ion:	95	Resp:	55040
Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	160.0
176	77.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Tgt Ion:	117	Resp:	197309
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.8
119	31.3	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1905

Delta R.T. 0.013 min

Lab File: VY017057.D

Acq: 19 Jan 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-19.5-20.0

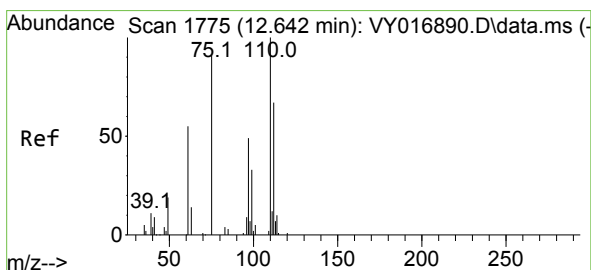
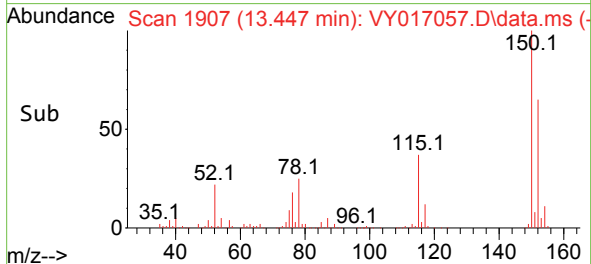
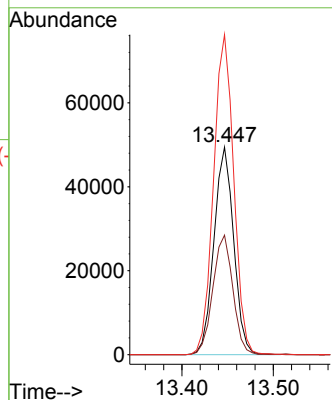
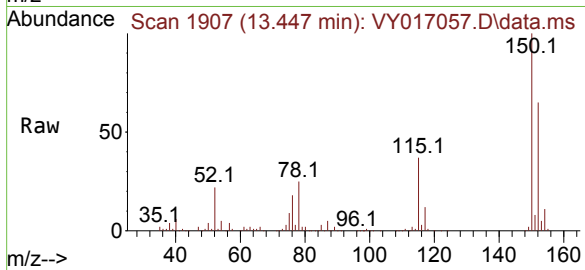
Tgt Ion:152 Resp: 74321

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 157.3 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 36.785 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY017057.D

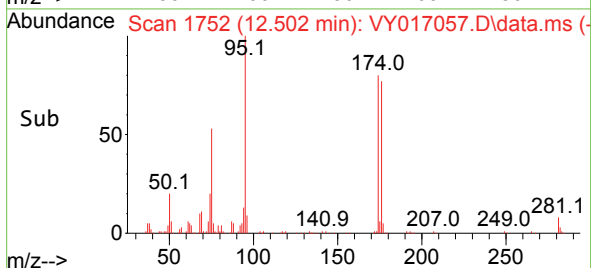
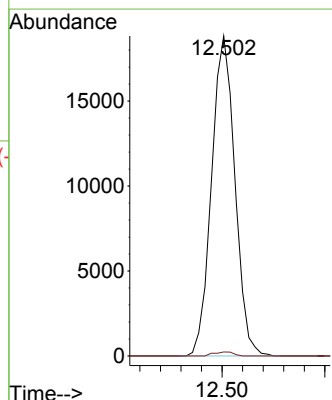
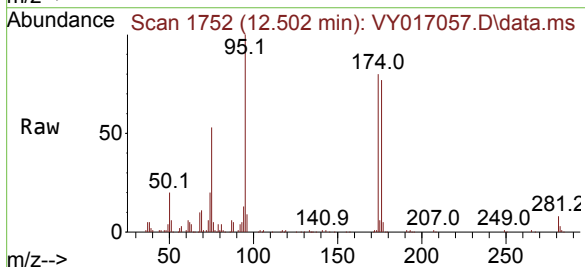
Acq: 19 Jan 2024 15:45

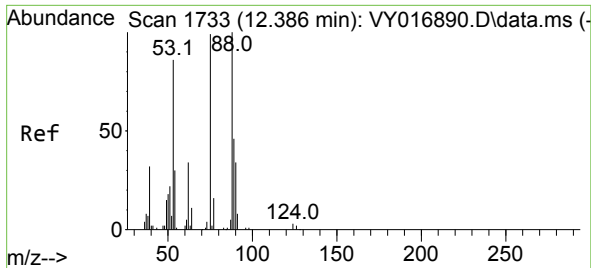
Tgt Ion: 75 Resp: 29668

Ion Ratio Lower Upper

75 100

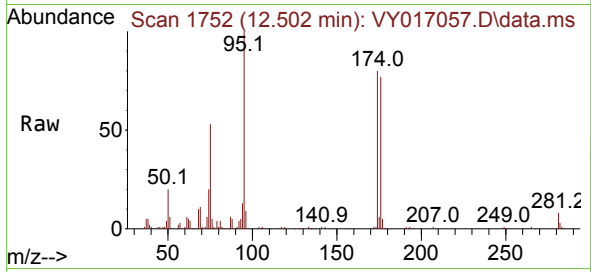
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.530 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.117 min
Lab File: VY017057.D
Acq: 19 Jan 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-19.5-20.0



Tgt Ion:	75	Resp:	29668
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.1	36.5	54.7#

