

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017052.D
 Acq On : 19 Jan 2024 13:48
 Operator : SY/MD
 Sample : P1184-08
 Misc : 3.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-10.5-11.0

Quant Time: Jan 19 22:21:42 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)

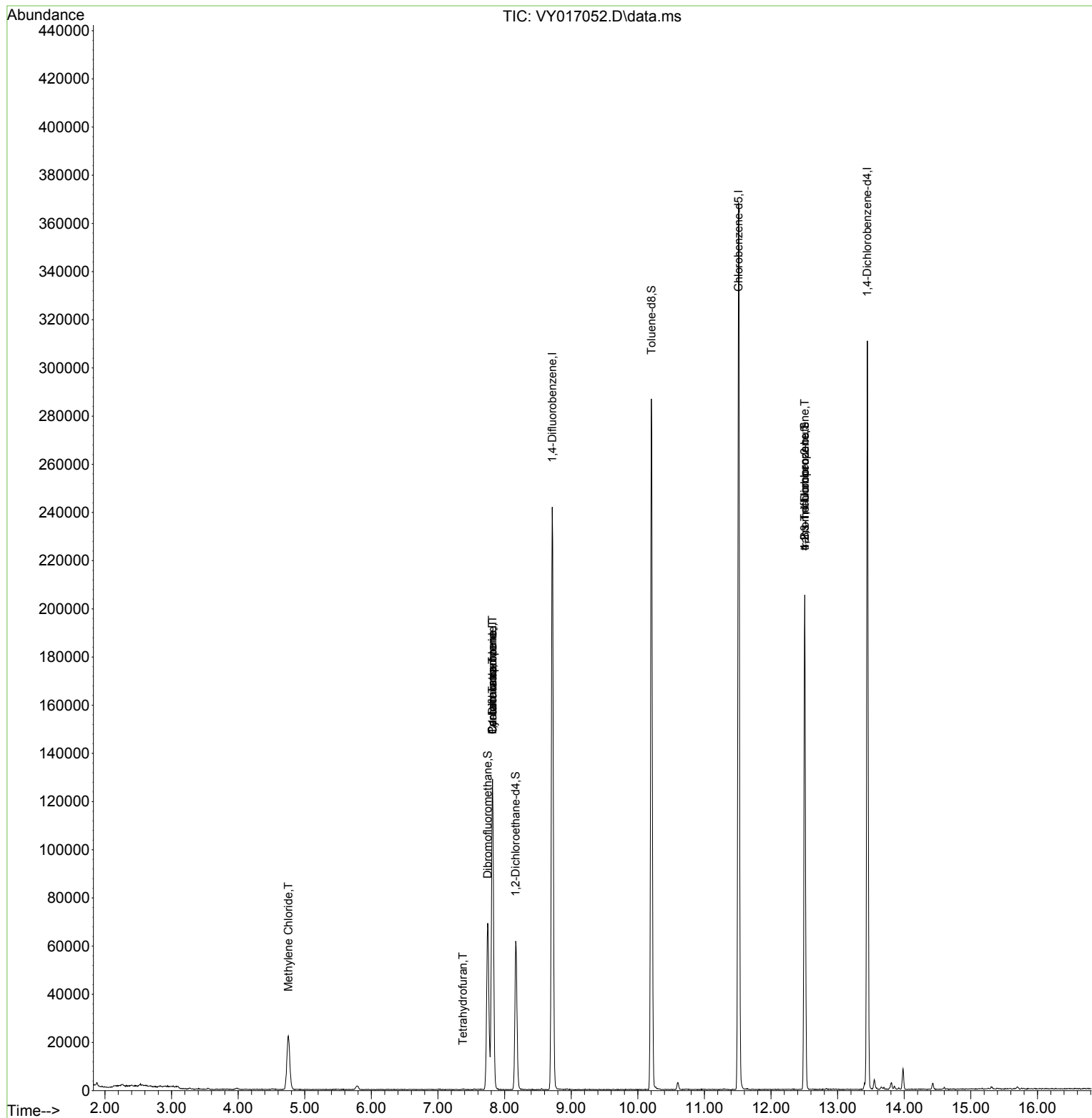
Internal Standards						
1) Pentafluorobenzene	7.819	168	98062	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	213128	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	203415	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	75552	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	47334	48.838	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.680%
35) Dibromofluoromethane	7.746	113	51040	37.581	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.160%
50) Toluene-d8	10.203	98	186399	39.857	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.720%
62) 4-Bromofluorobenzene	12.508	95	57915	36.704	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.400%
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	960	Below Cal	#	76
20) Methylene Chloride	4.753	84	17142	7.452	ug/l	95
29) Tetrahydrofuran	7.374	42	212	1.081	ug/l #	32
31) Cyclohexane	7.819	56	2071	1.245	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	8119	4.102	ug/l #	50
38) Carbon Tetrachloride	7.819	117	10067	5.006	ug/l #	17
76) 1,2,3-Trichloropropane	12.508	75	31071	37.897	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	31071	86.055	ug/l #	13

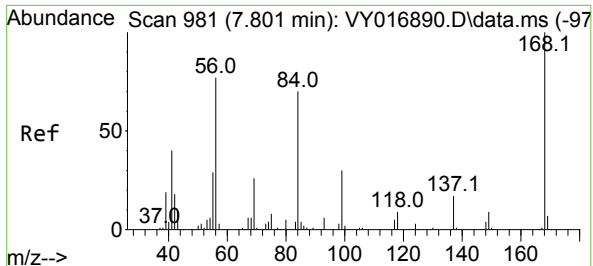
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
SB-5-10.5-11.0

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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

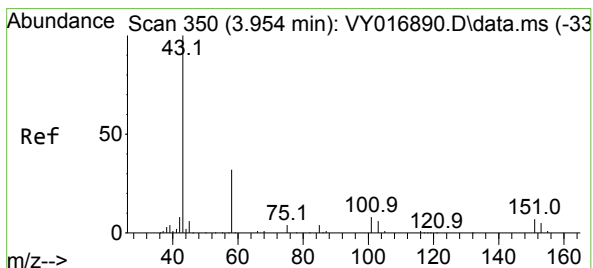
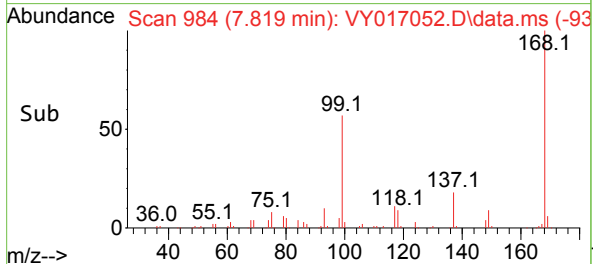
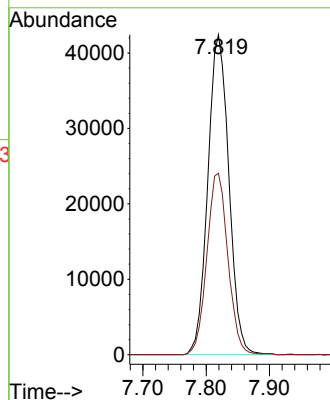
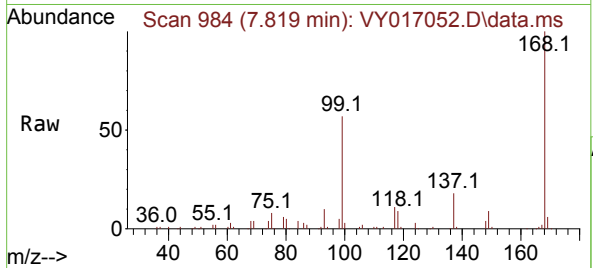




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

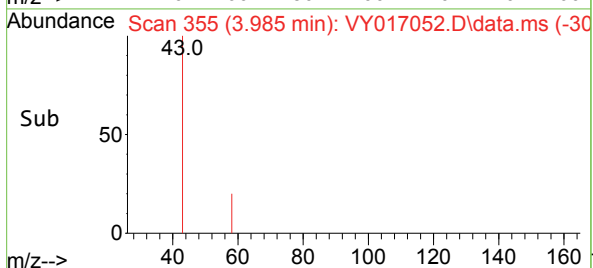
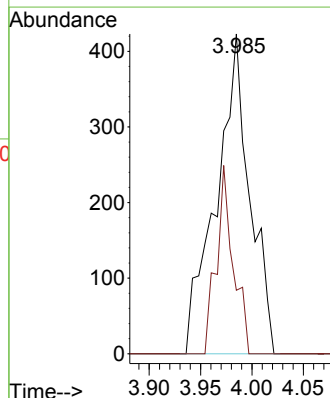
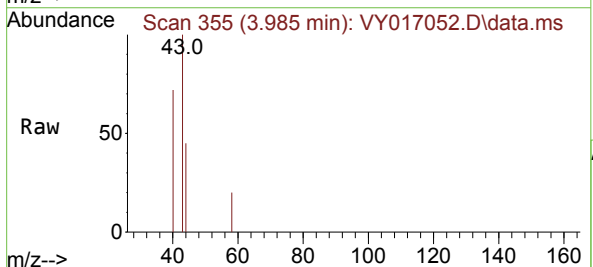
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-10.5-11.0

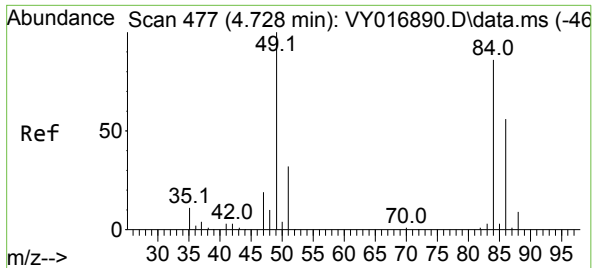
Tgt Ion:168 Resp: 98062
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

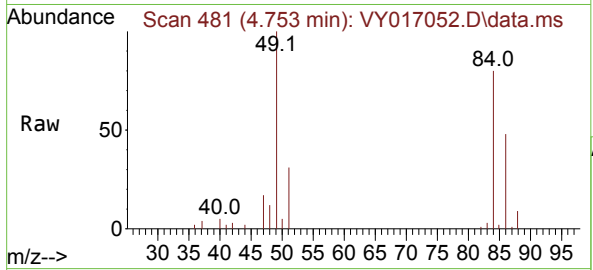
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 19.9 26.6 39.8#



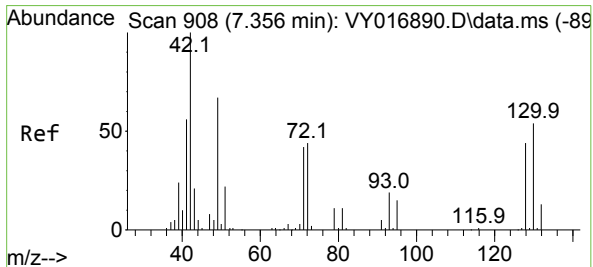
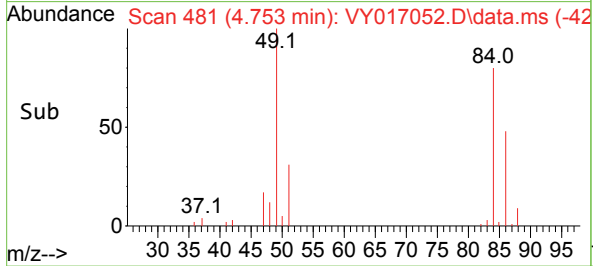
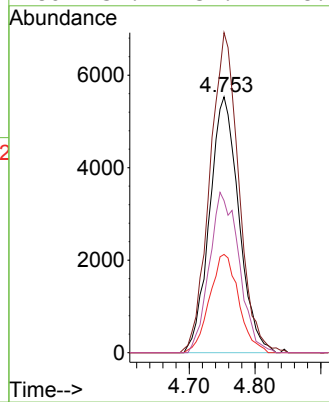


#20
Methylene Chloride
Concen: 7.452 ug/l
RT: 4.753 min Scan# 411
Delta R.T. 0.019 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-10.5-11.0

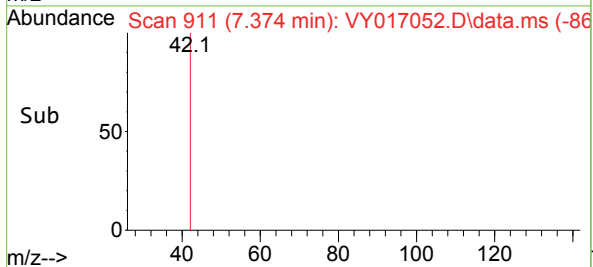
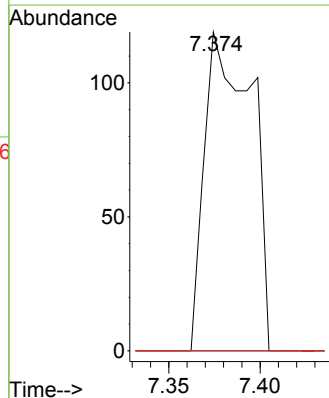
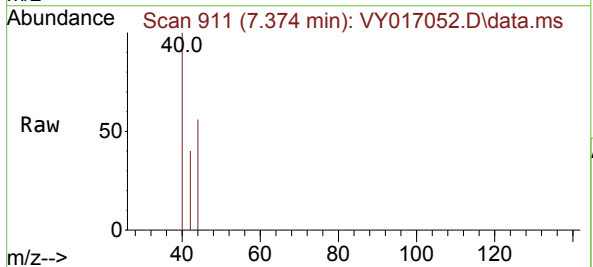


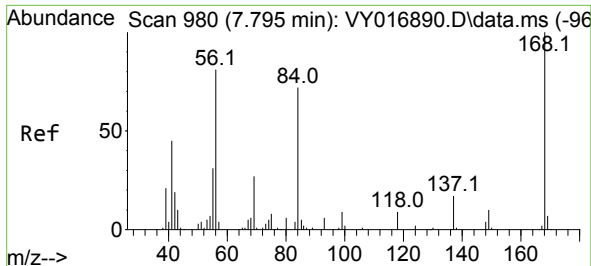
Tgt Ion: 84	Resp: 17142
Ion Ratio	Lower Upper
84 100	
49 125.1	95.2 142.8
51 38.4	29.9 44.9
86 59.4	52.2 78.4



#29
Tetrahydrofuran
Concen: 1.081 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

Tgt Ion: 42	Resp: 212
Ion Ratio	Lower Upper
42 100	
72 0.0	36.6 54.8#
71 0.0	33.8 50.6#

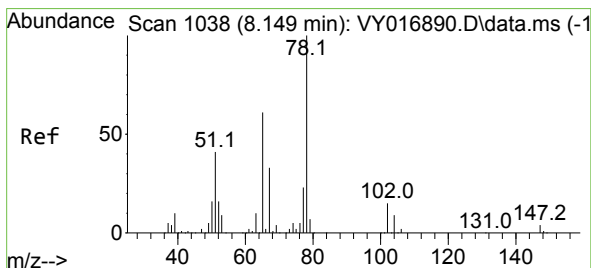
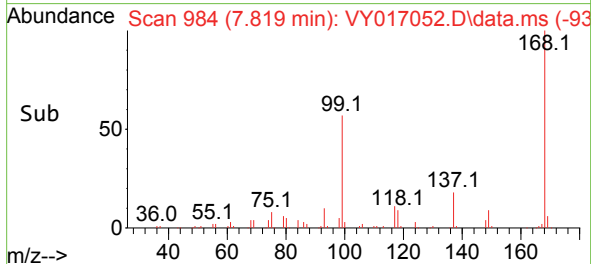
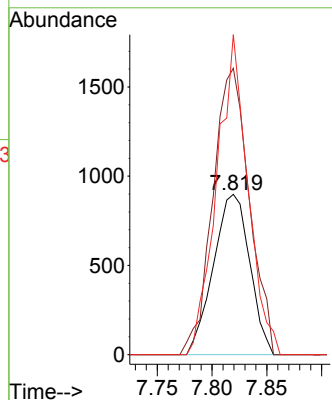
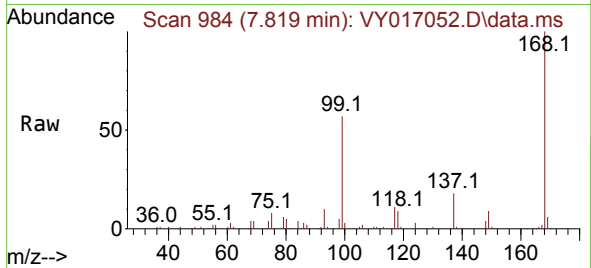




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

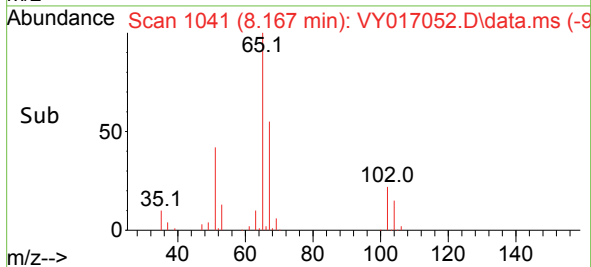
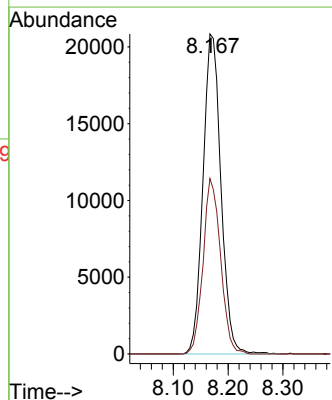
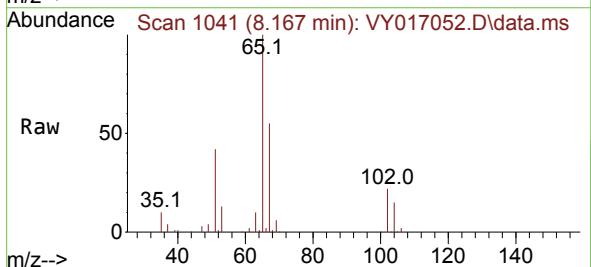
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-10.5-11.0

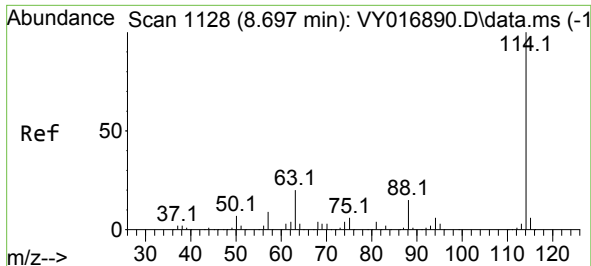
Tgt Ion: 56 Resp: 2071
Ion Ratio Lower Upper
56 100
69 178.7 27.0 40.6#
84 199.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 48.838 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

Tgt Ion: 65 Resp: 47334
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0

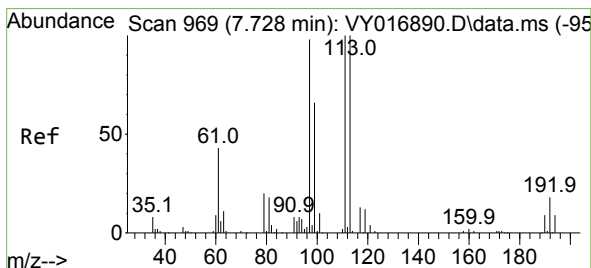
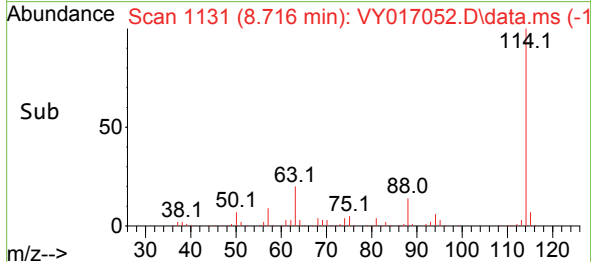
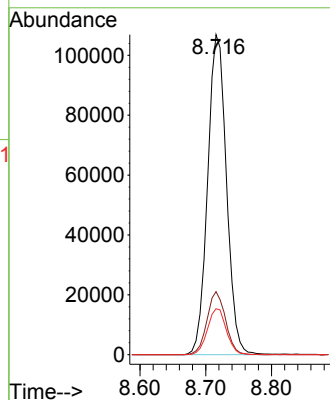
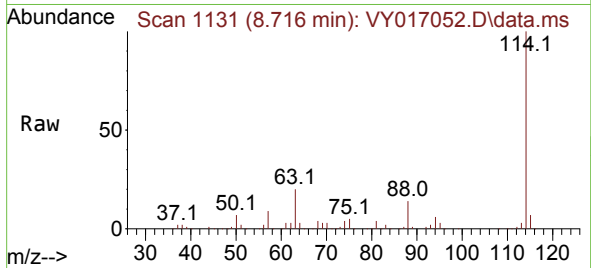




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1128
Delta R.T. 0.013 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

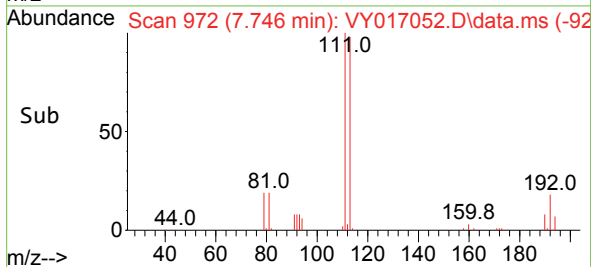
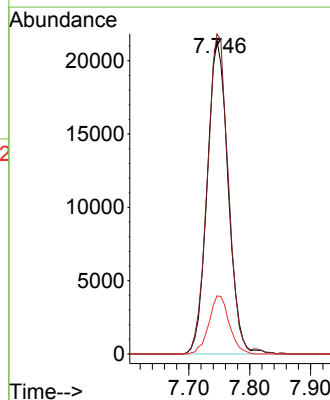
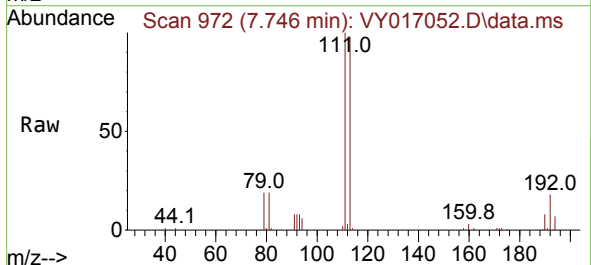
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-10.5-11.0

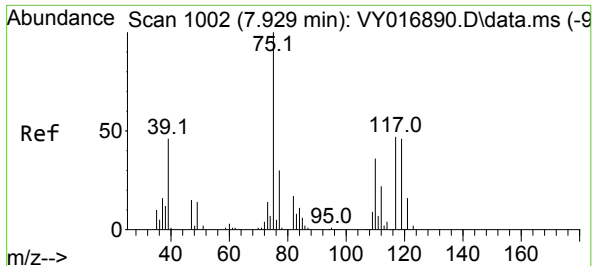
Tgt Ion:114 Resp: 213128
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.4 0.0 29.0



#35
Dibromofluoromethane
Concen: 37.581 ug/l
RT: 7.746 min Scan# 972
Delta R.T. 0.018 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

Tgt Ion:113 Resp: 51040
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.1 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.102 ug/l

RT: 7.819 min Scan# 984

Delta R.T. -0.110 min

Lab File: VY017052.D

Acq: 19 Jan 2024 13:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-10.5-11.0

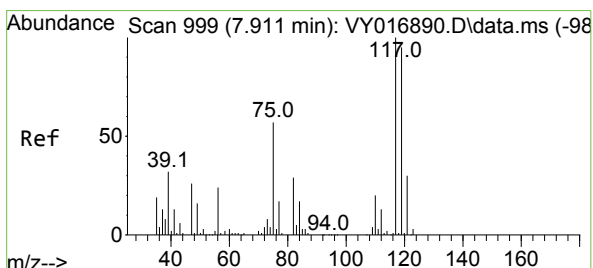
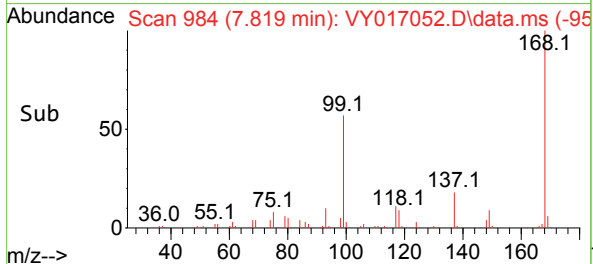
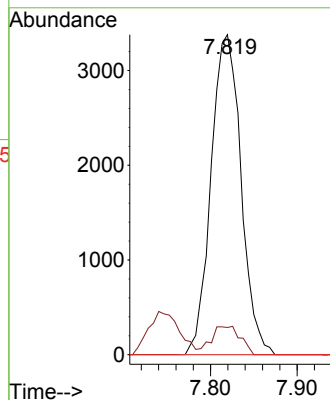
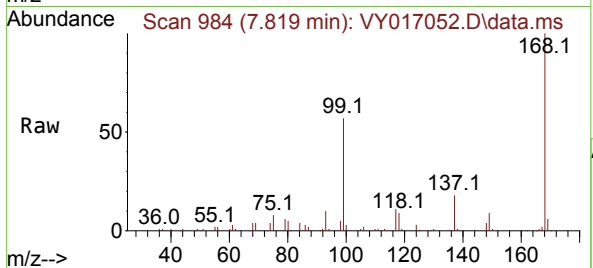
Tgt Ion: 75 Resp: 8119

Ion Ratio Lower Upper

75 100

110 8.7 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.006 ug/l

RT: 7.819 min Scan# 984

Delta R.T. -0.098 min

Lab File: VY017052.D

Acq: 19 Jan 2024 13:48

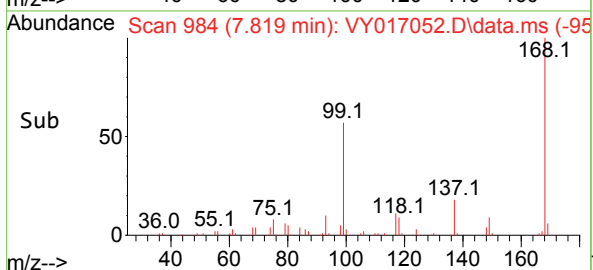
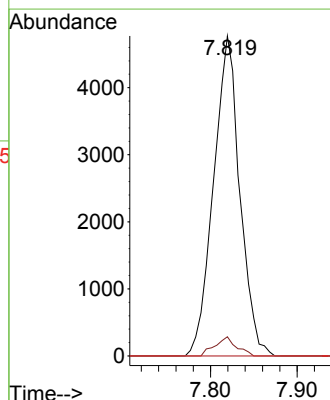
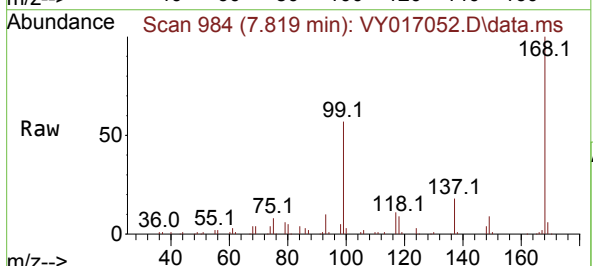
Tgt Ion: 117 Resp: 10067

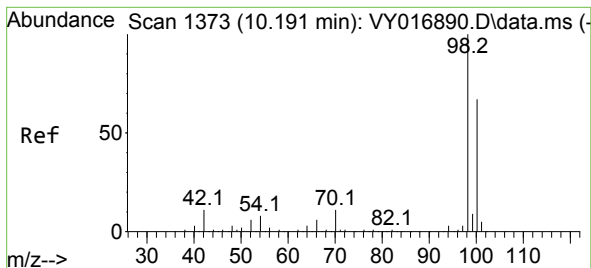
Ion Ratio Lower Upper

117 100

119 6.0 76.0 114.0#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 39.857 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017052.D

Acq: 19 Jan 2024 13:48

Instrument :

MSVOA_Y

ClientSampleId :

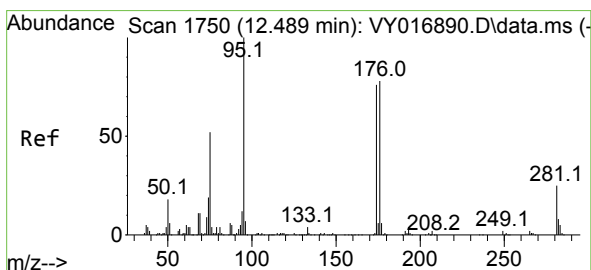
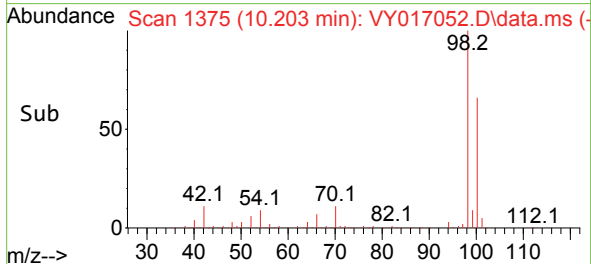
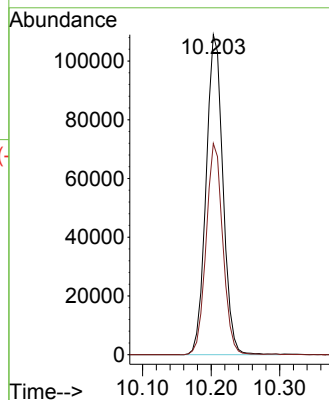
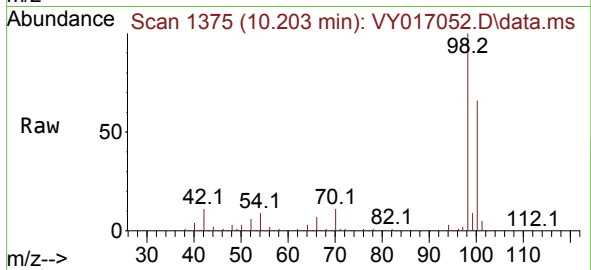
SB-5-10.5-11.0

Tgt Ion: 98 Resp: 186399

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 36.704 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY017052.D

Acq: 19 Jan 2024 13:48

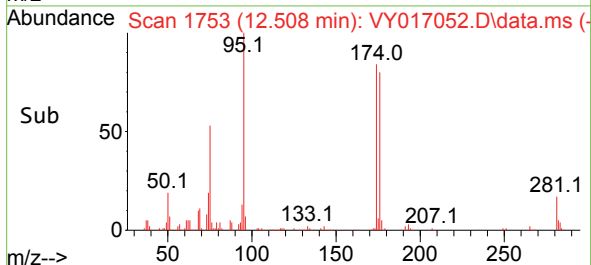
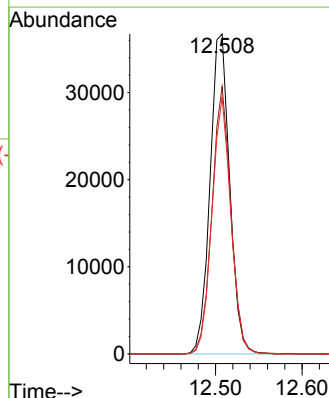
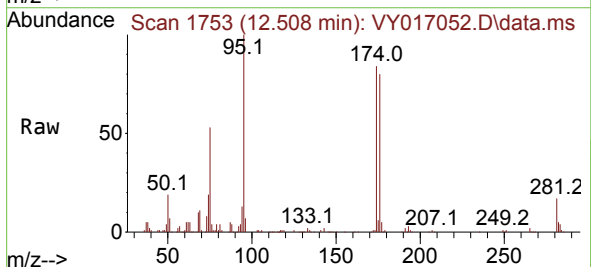
Tgt Ion: 95 Resp: 57915

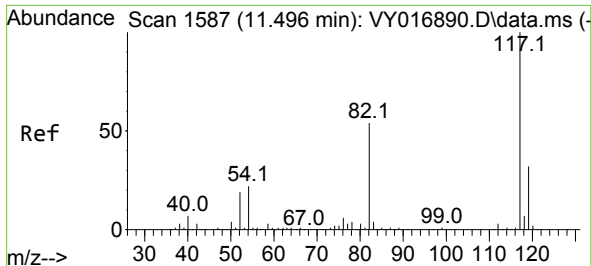
Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.0

176 77.2 0.0 151.8

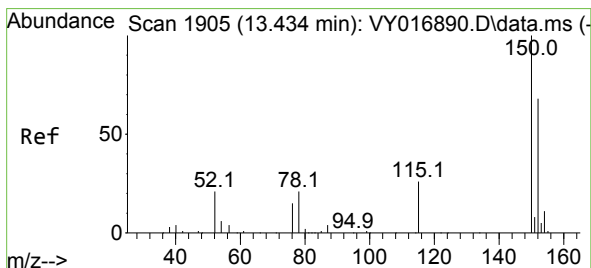
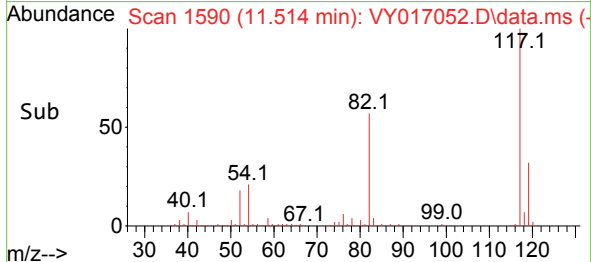
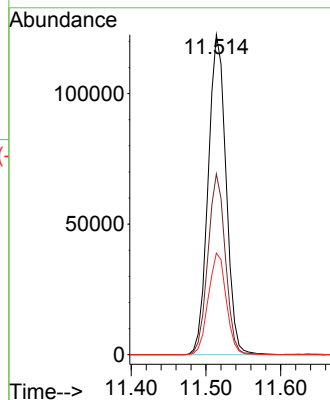
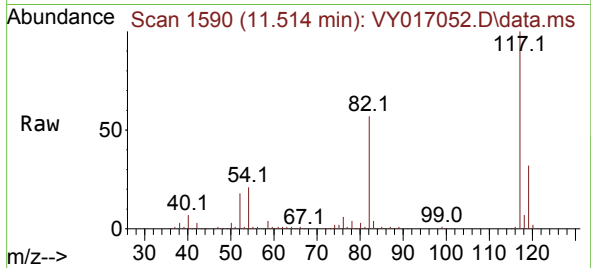




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

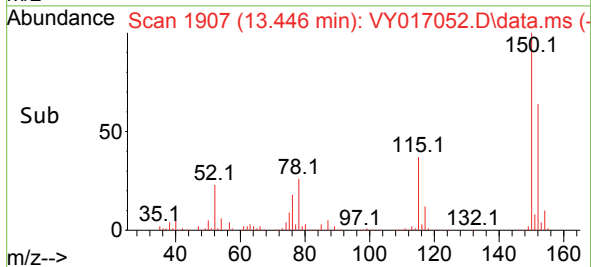
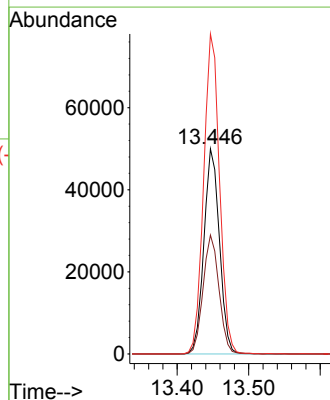
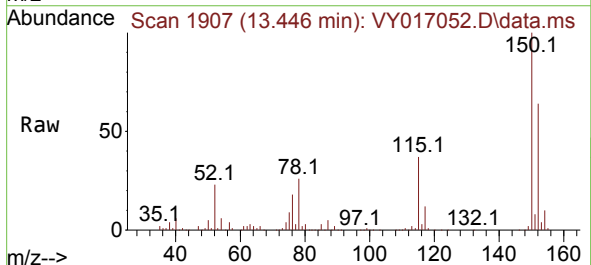
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-10.5-11.0

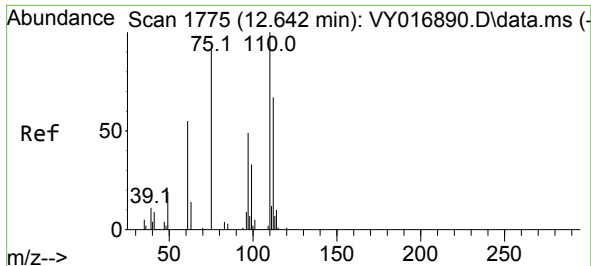
Tgt Ion:117 Resp: 203415
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

Tgt Ion:152 Resp: 75552
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 159.4 0.0 344.6

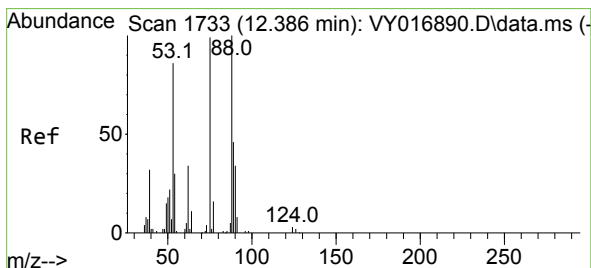
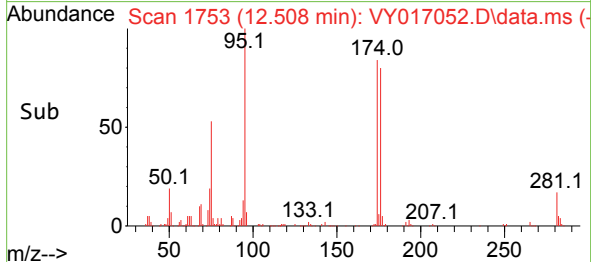
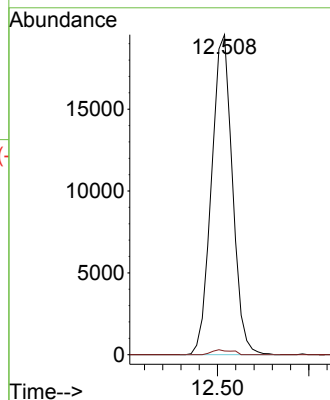
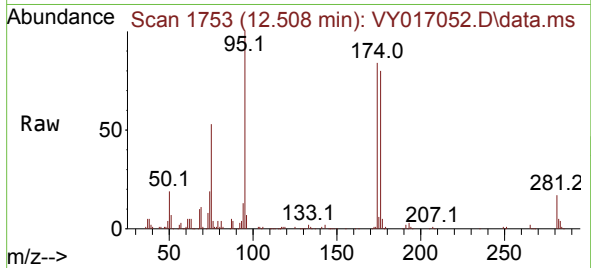




#76
1,2,3-Trichloropropane
Concen: 37.897 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. -0.134 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-10.5-11.0

Tgt Ion: 75 Resp: 31071
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.055 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.123 min
Lab File: VY017052.D
Acq: 19 Jan 2024 13:48

Tgt Ion: 75 Resp: 31071
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.4 36.5 54.7#

