

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017053.D
 Acq On : 19 Jan 2024 14:12
 Operator : SY/MD
 Sample : P1184-09
 Misc : 3.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-19.5-20.0

Quant Time: Jan 19 22:22:06 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)

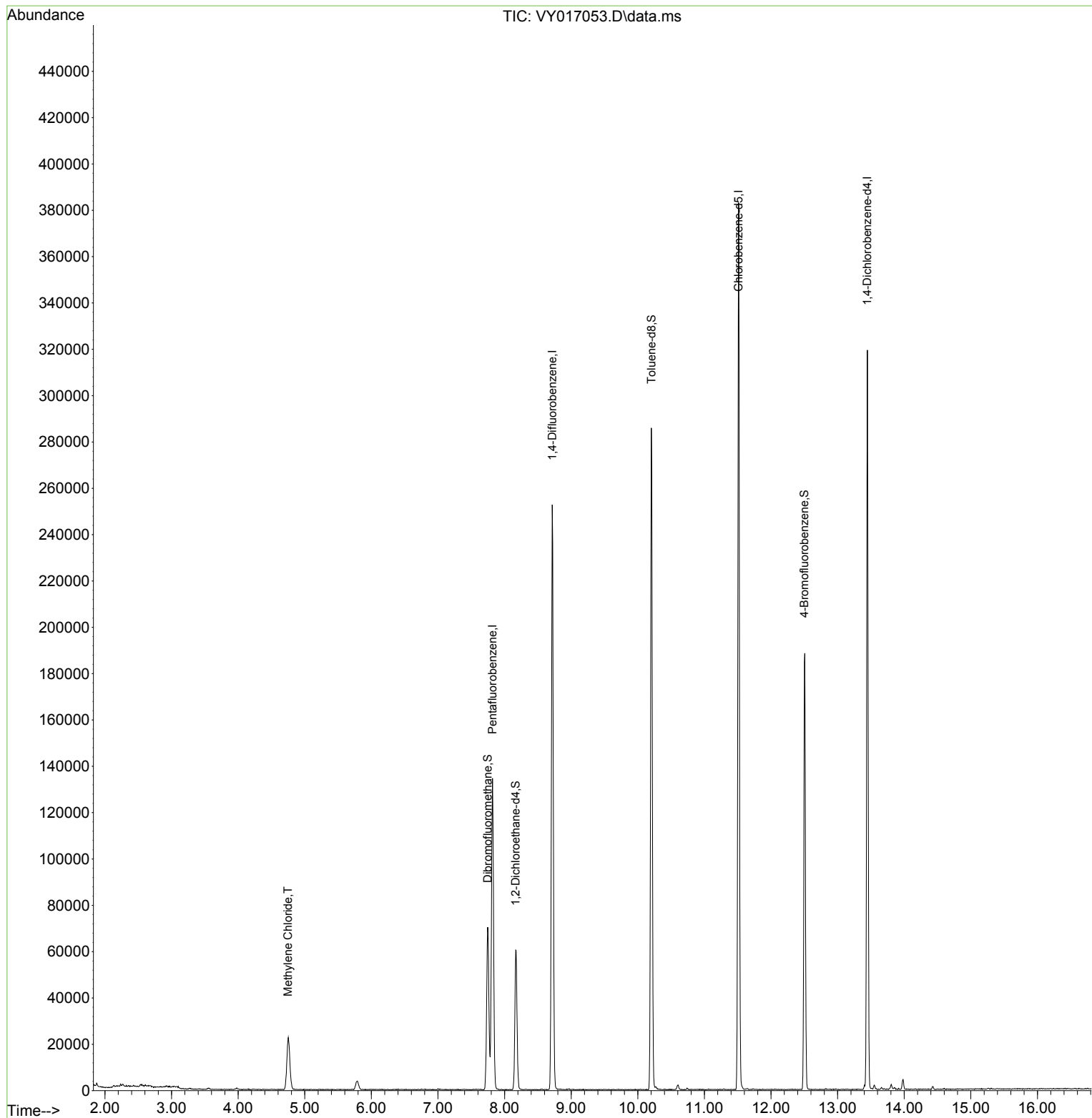
Internal Standards						
1) Pentafluorobenzene	7.819	168	99023	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	215017	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	205813	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	76944	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	46708	47.724	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.440%
35) Dibromofluoromethane	7.746	113	51635	37.685	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.380%
50) Toluene-d8	10.203	98	186989	39.631	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.260%
62) 4-Bromofluorobenzene	12.501	95	58159	36.535	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.080%
Target Compounds						
20) Methylene Chloride	4.747	84	17317	7.458	ug/l	Qvalue 90

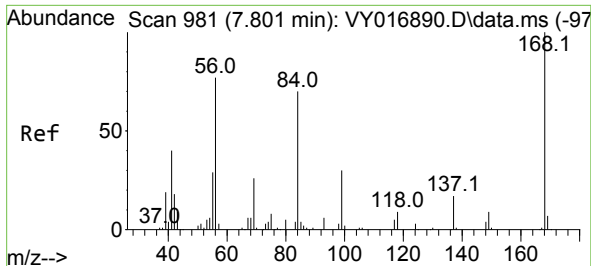
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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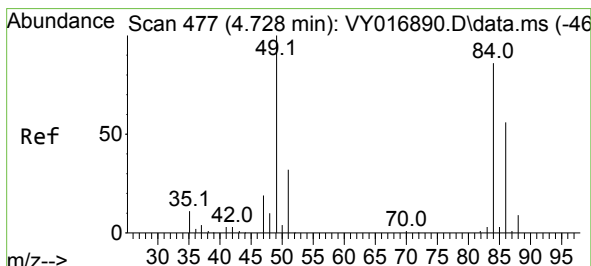
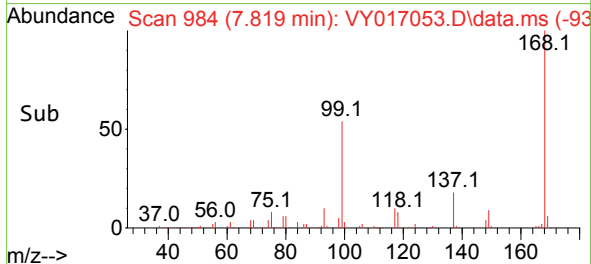
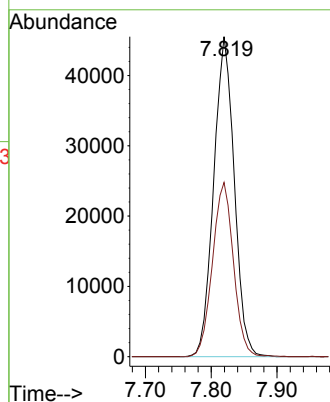
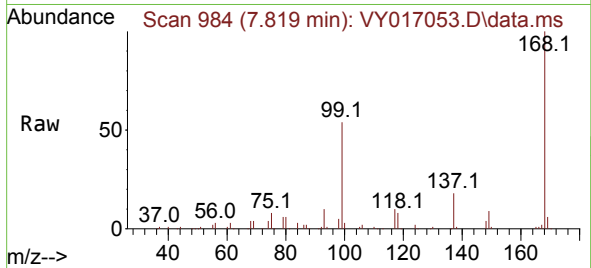




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017053.D
Acq: 19 Jan 2024 14:12

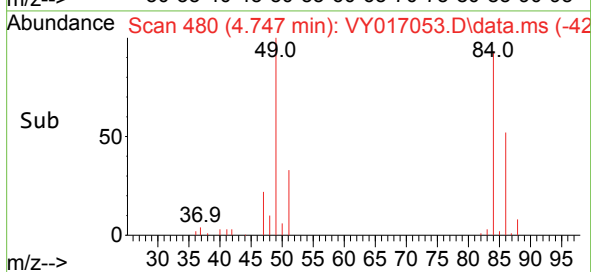
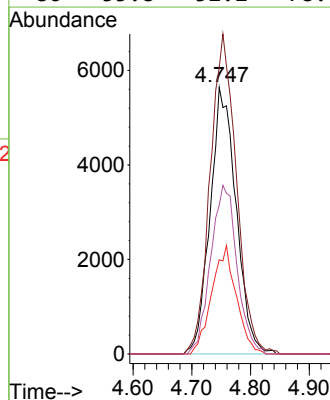
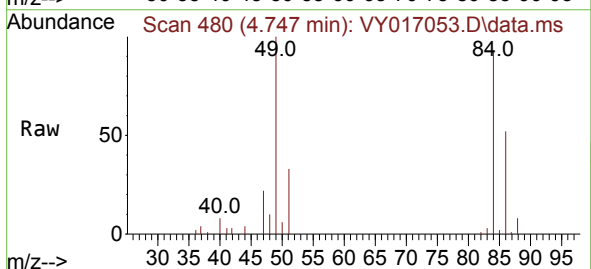
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0

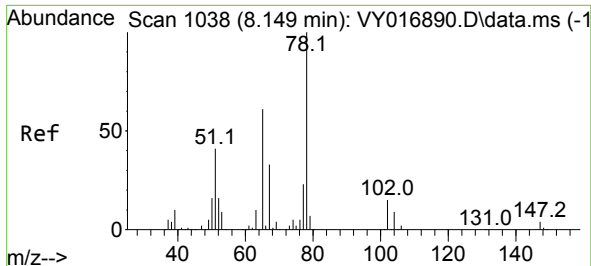
Tgt Ion:168 Resp: 99023
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#20
Methylene Chloride
Concen: 7.458 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY017053.D
Acq: 19 Jan 2024 14:12

Tgt Ion: 84 Resp: 17317
Ion Ratio Lower Upper
84 100
49 107.4 95.2 142.8
51 35.3 29.9 44.9
86 55.8 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 47.724 ug/l

RT: 8.167 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017053.D

Acq: 19 Jan 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

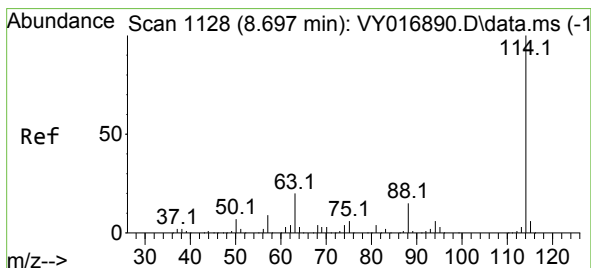
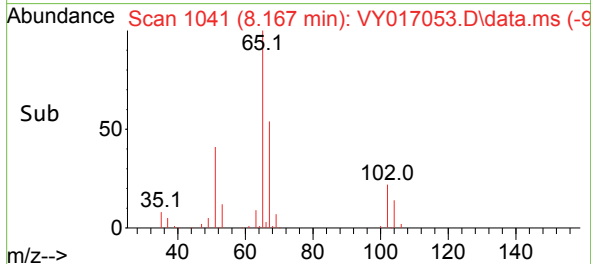
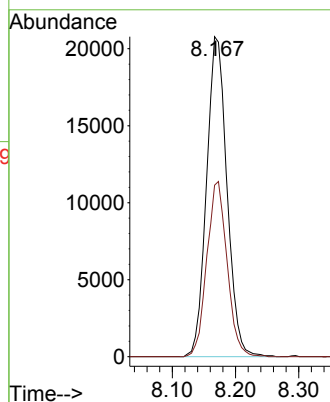
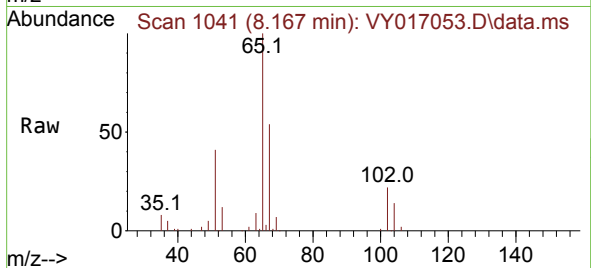
SB-5-19.5-20.0

Tgt Ion: 65 Resp: 46708

Ion Ratio Lower Upper

65 100

67 54.3 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: VY017053.D

Acq: 19 Jan 2024 14:12

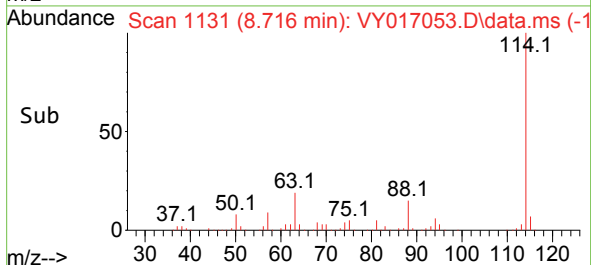
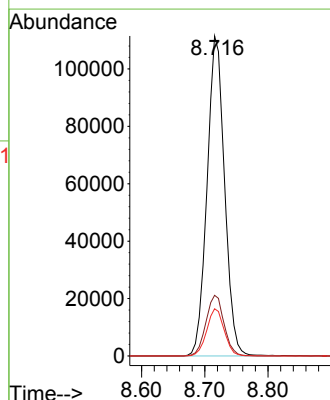
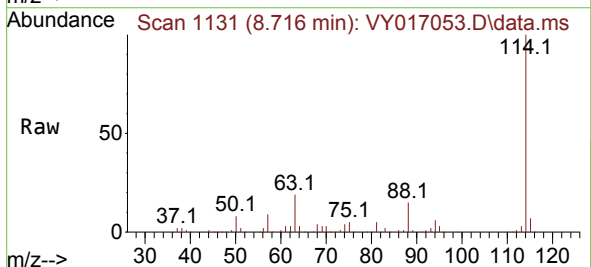
Tgt Ion:114 Resp: 215017

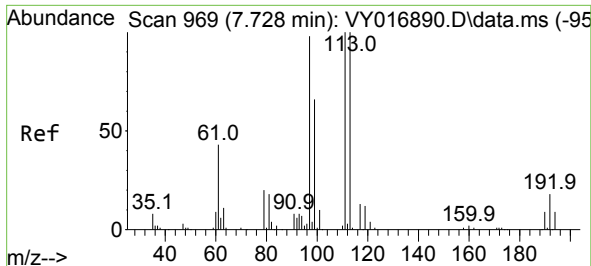
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.8 0.0 29.0

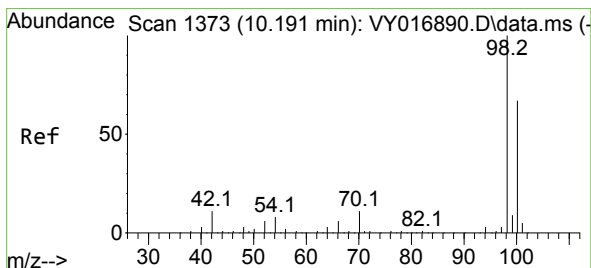
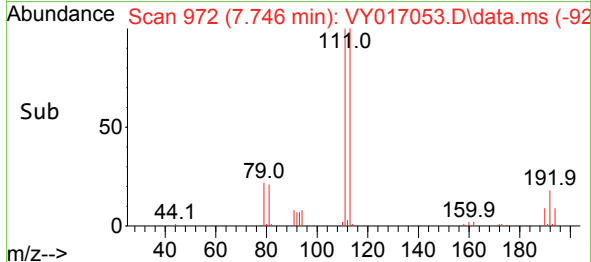
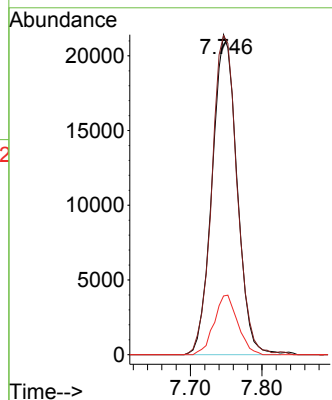
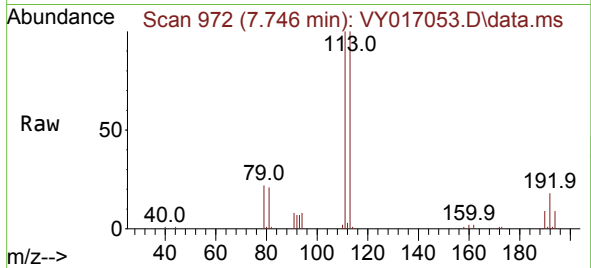




#35
Dibromofluoromethane
Concen: 37.685 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017053.D
Acq: 19 Jan 2024 14:12

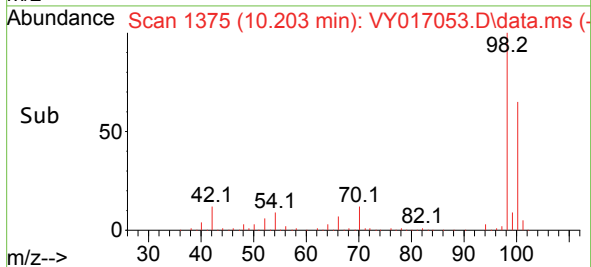
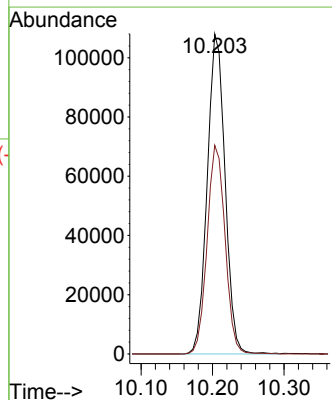
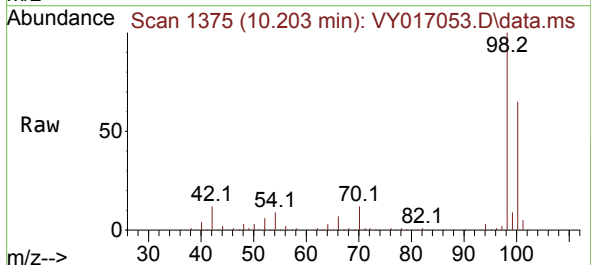
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0

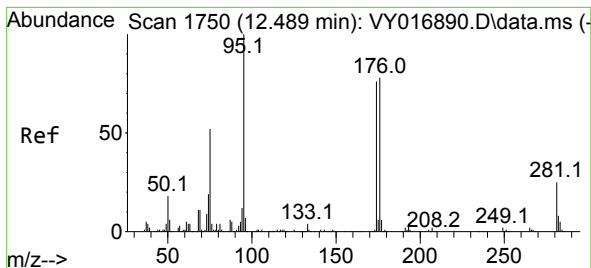
Tgt Ion:113 Resp: 51635
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 39.631 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017053.D
Acq: 19 Jan 2024 14:12

Tgt Ion: 98 Resp: 186989
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

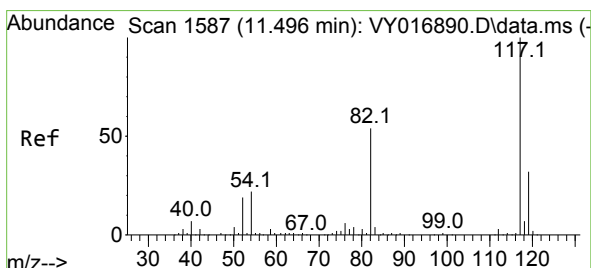
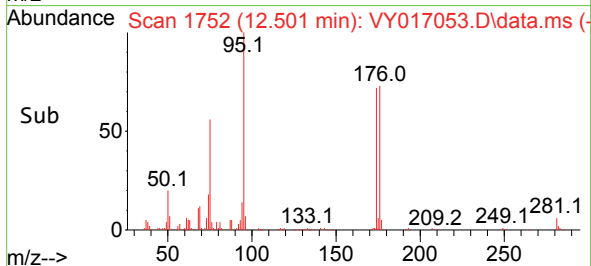
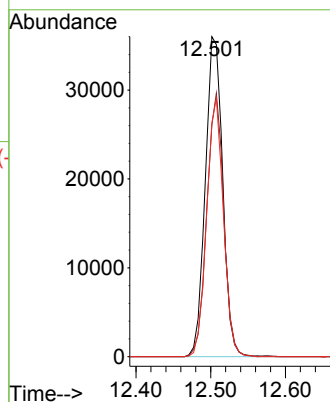
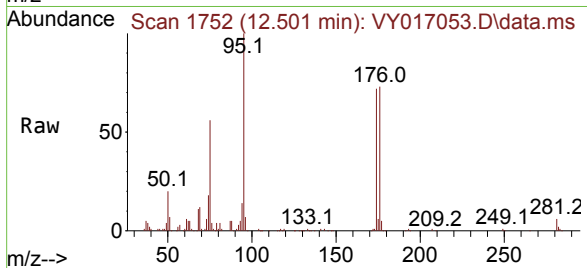




#62
4-Bromofluorobenzene
Concen: 36.535 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017053.D
Acq: 19 Jan 2024 14:12

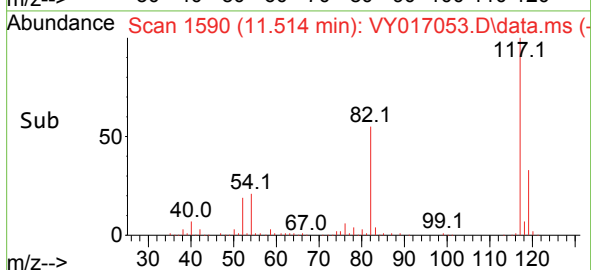
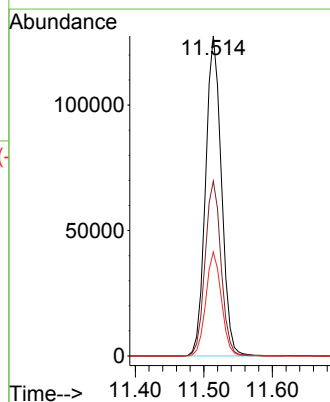
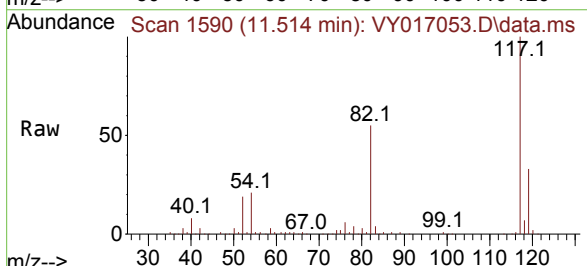
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-19.5-20.0

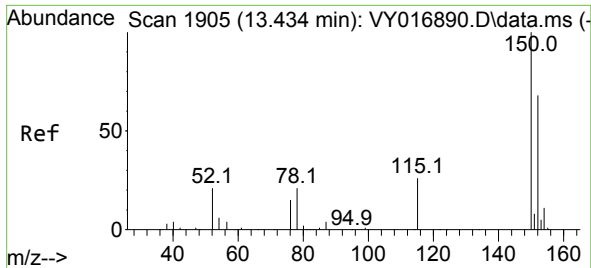
Tgt Ion: 95 Resp: 58159
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.0
176 77.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017053.D
Acq: 19 Jan 2024 14:12

Tgt Ion: 117 Resp: 205813
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 32.5 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: VY017053.D

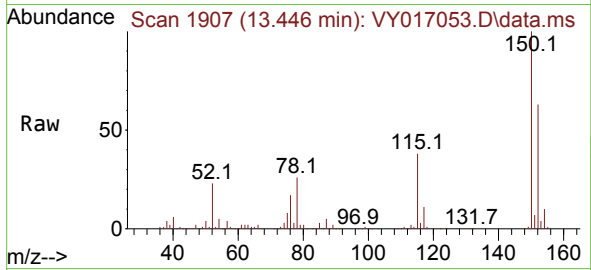
Acq: 19 Jan 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-19.5-20.0



Tgt Ion:152 Resp: 76944

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 156.0 0.0 344.6

