

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017049.D
 Acq On : 19 Jan 2024 12:38
 Operator : SY/MD
 Sample : P1184-01
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-9.5-10.0

Quant Time: Jan 19 22:20:17 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)

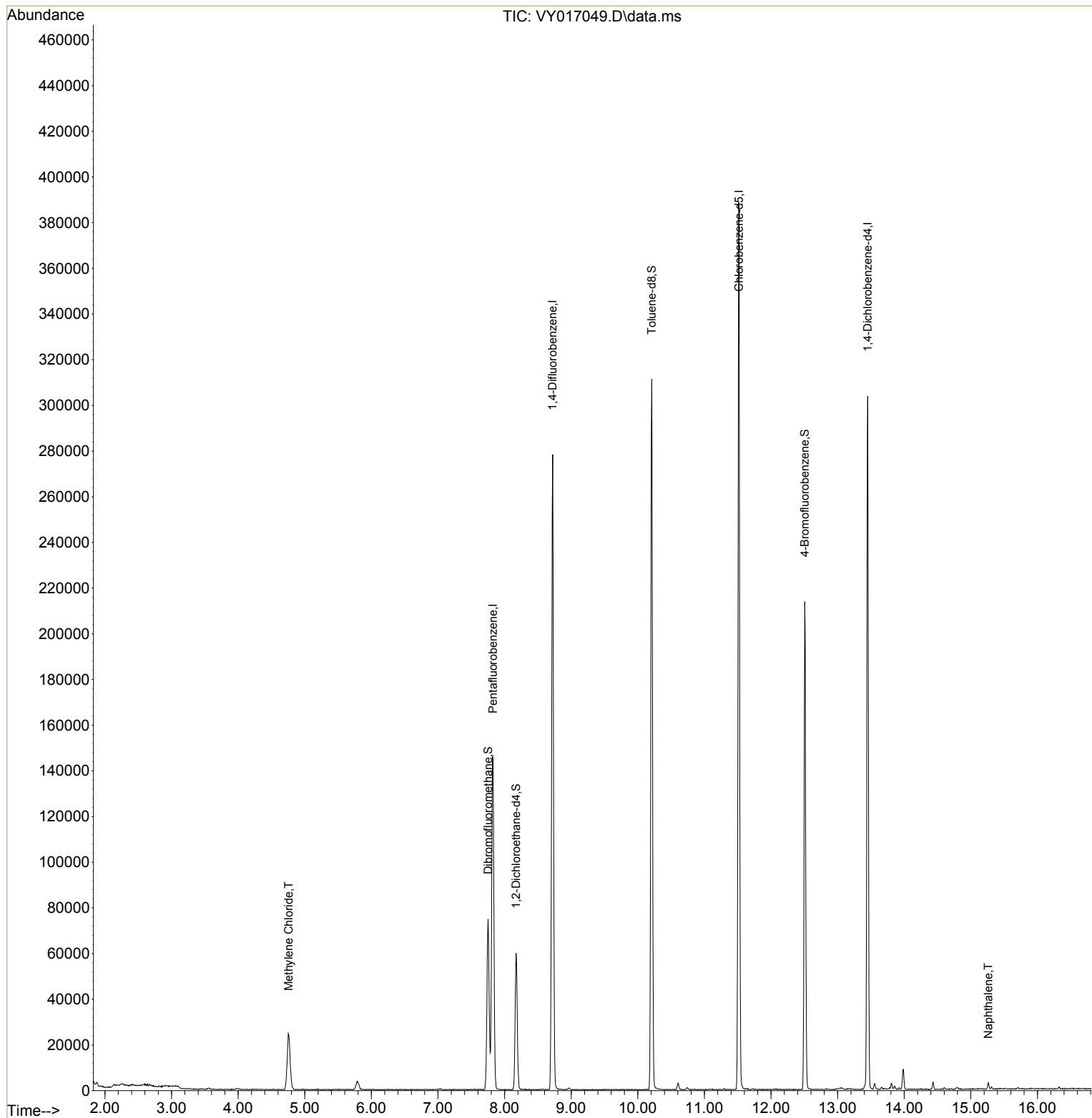
Internal Standards						
1) Pentafluorobenzene	7.825	168	114429	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.721	114	237705	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	213914	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.452	152	75204	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	46812	41.391	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.780%
35) Dibromofluoromethane	7.752	113	53300	35.187	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.380%
50) Toluene-d8	10.209	98	206145	39.521	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.040%
62) 4-Bromofluorobenzene	12.507	95	59563	33.846	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.700%
Target Compounds						
20) Methylene Chloride	4.759	84	18910	6.618	ug/l	93
95) Naphthalene	15.263	128	2131	1.663	ug/l	98

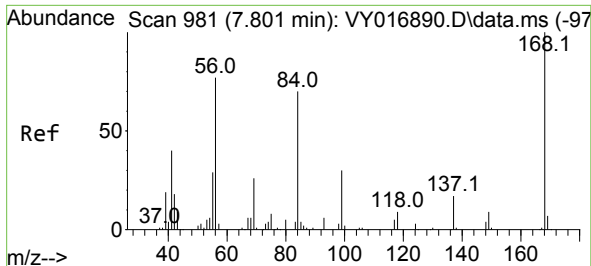
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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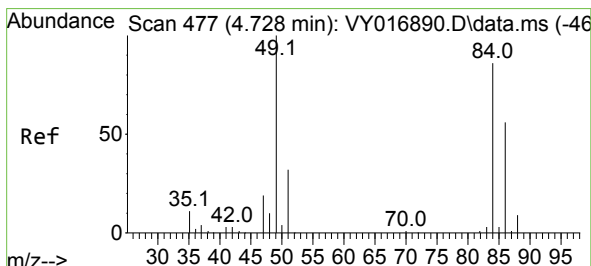
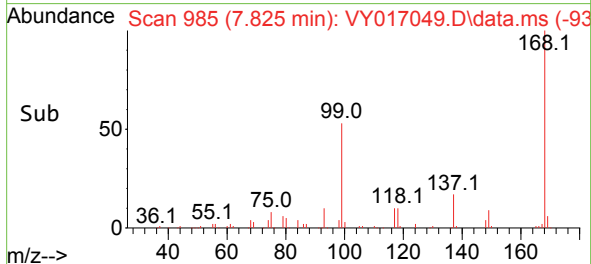
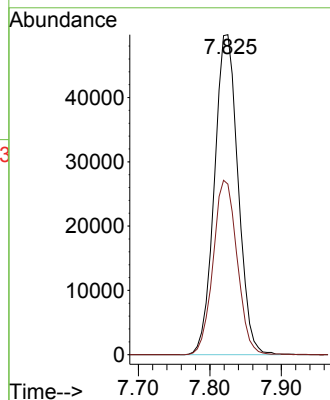
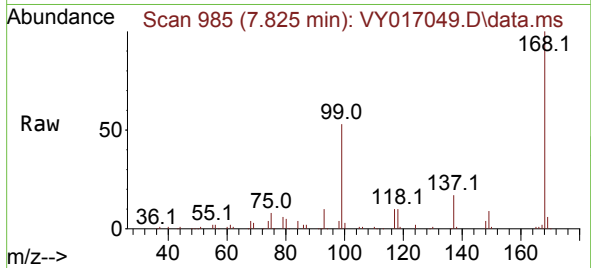




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017049.D
Acq: 19 Jan 2024 12:38

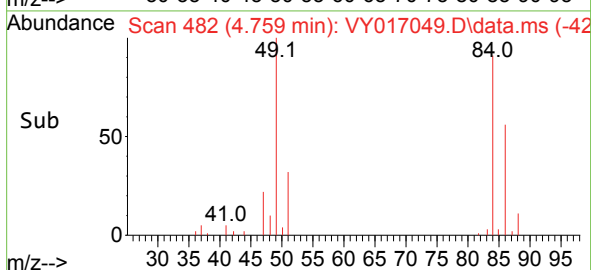
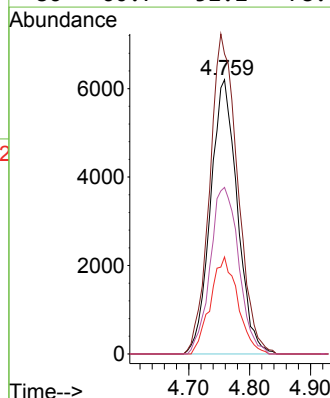
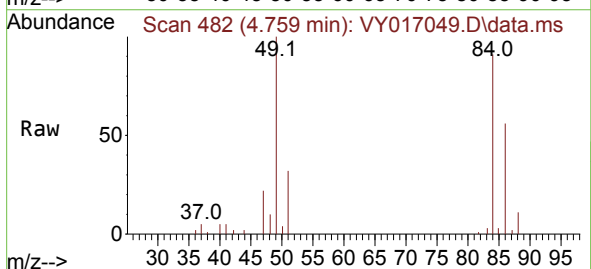
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-9.5-10.0

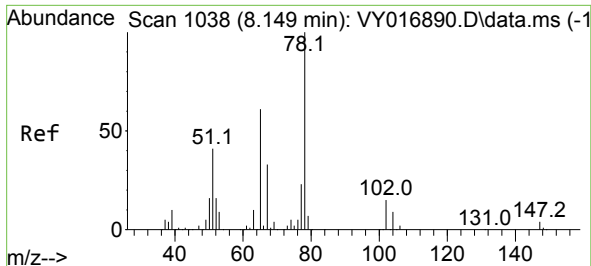
Tgt Ion:168 Resp: 114429
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#20
Methylene Chloride
Concen: 6.618 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY017049.D
Acq: 19 Jan 2024 12:38

Tgt Ion: 84 Resp: 18910
Ion Ratio Lower Upper
84 100
49 109.4 95.2 142.8
51 35.3 29.9 44.9
86 60.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 41.391 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017049.D

Acq: 19 Jan 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

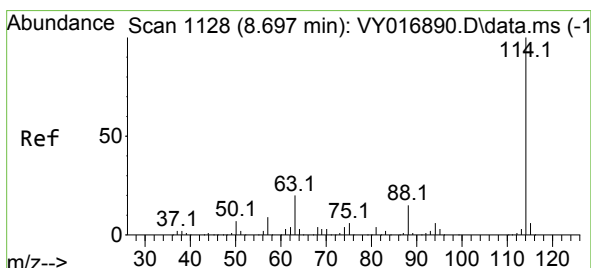
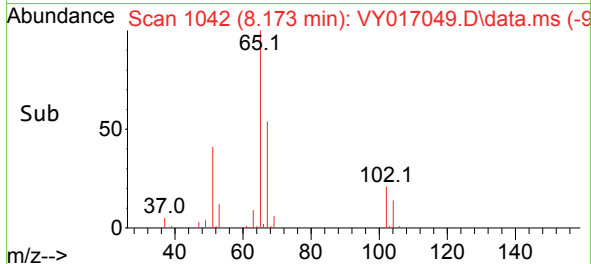
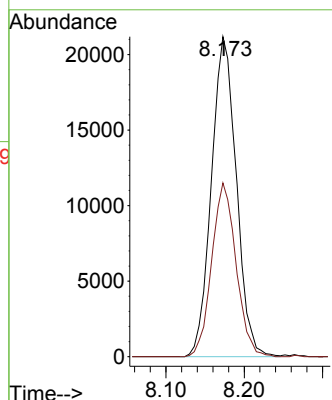
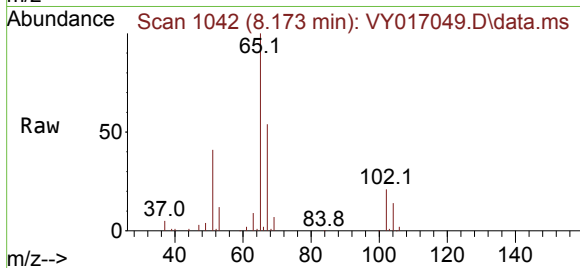
SB-4-9.5-10.0

Tgt Ion: 65 Resp: 46812

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.721 min Scan# 1132

Delta R.T. 0.018 min

Lab File: VY017049.D

Acq: 19 Jan 2024 12:38

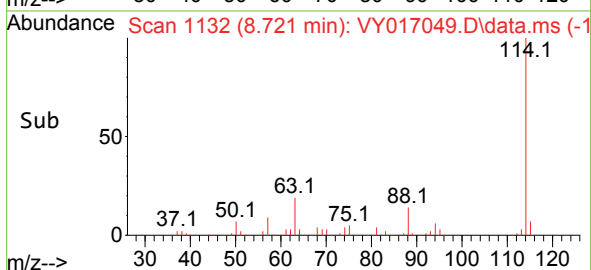
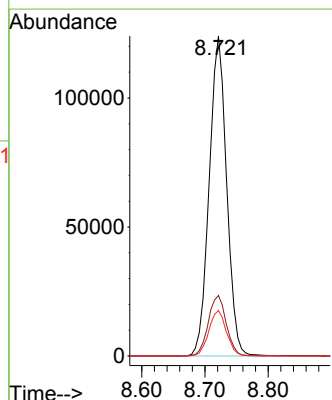
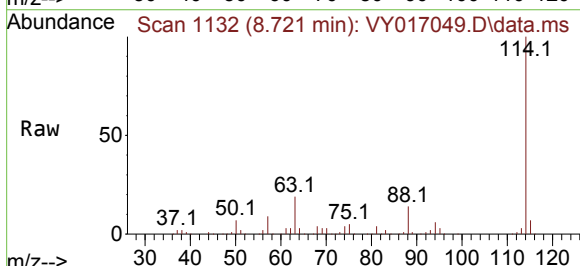
Tgt Ion: 114 Resp: 237705

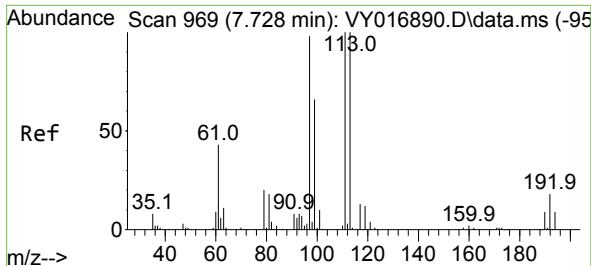
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.2 0.0 29.0

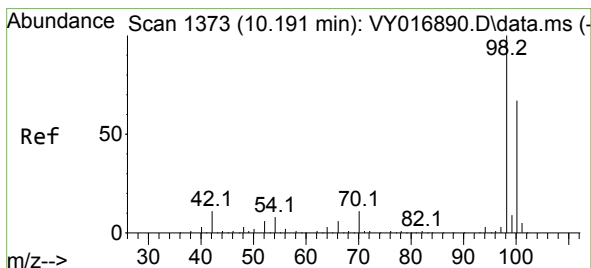
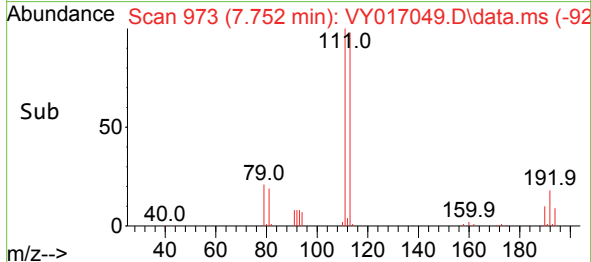
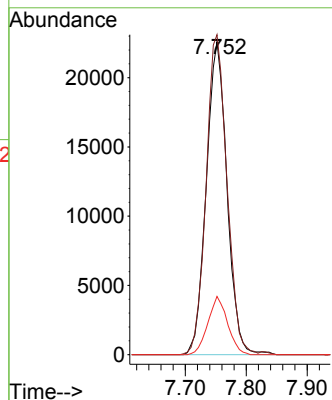
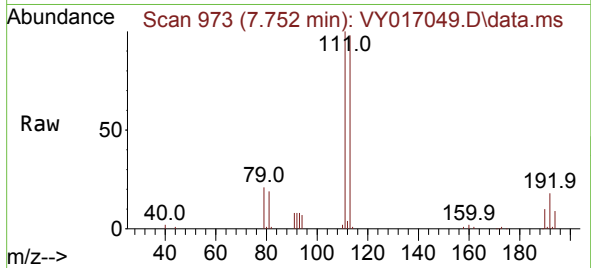




#35
Dibromofluoromethane
Concen: 35.187 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017049.D
Acq: 19 Jan 2024 12:38

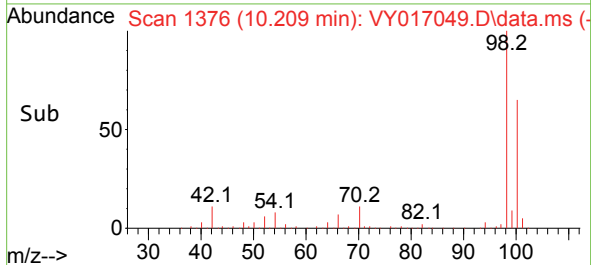
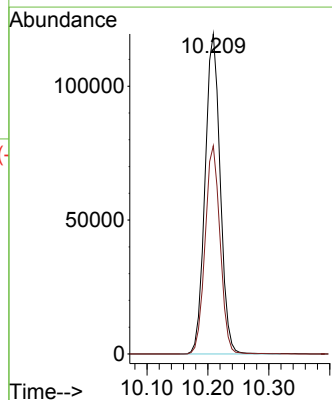
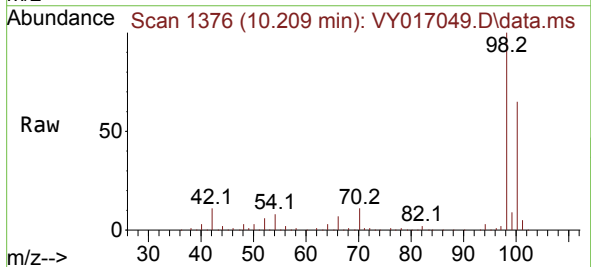
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-9.5-10.0

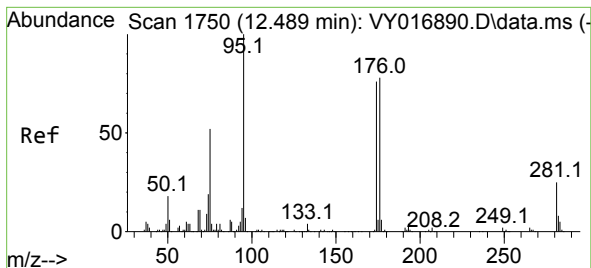
Tgt Ion:113 Resp: 53300
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.8 14.5 21.7



#50
Toluene-d8
Concen: 39.521 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017049.D
Acq: 19 Jan 2024 12:38

Tgt Ion: 98 Resp: 206145
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

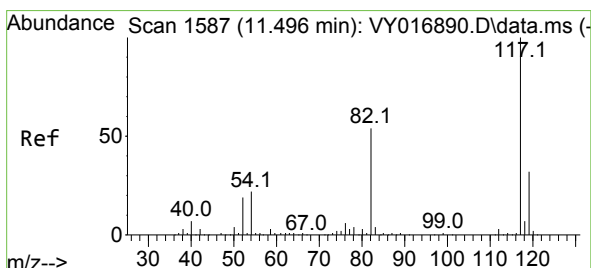
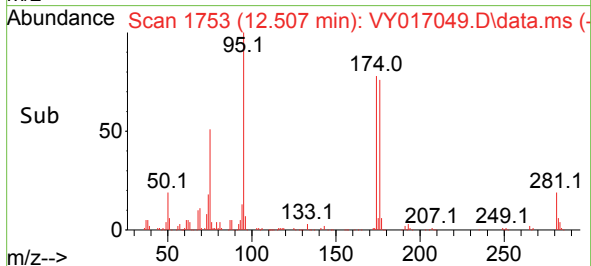
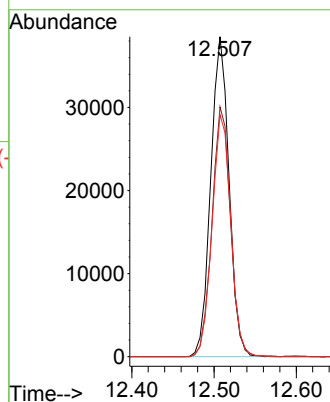
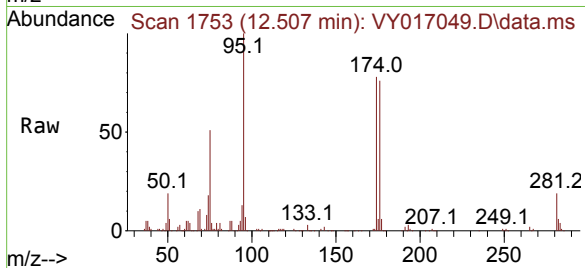




#62
4-Bromofluorobenzene
Concen: 33.846 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017049.D
Acq: 19 Jan 2024 12:38

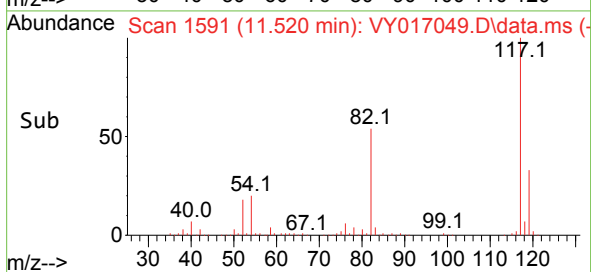
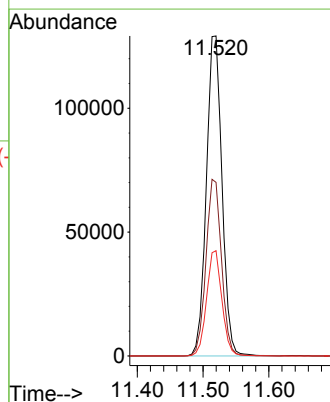
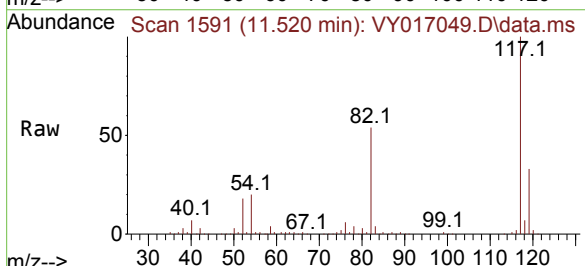
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-9.5-10.0

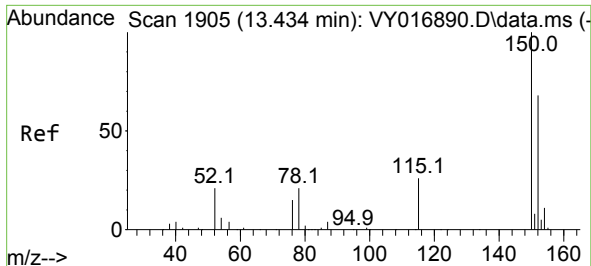
Tgt Ion: 95 Resp: 59563
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 77.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.018 min
Lab File: VY017049.D
Acq: 19 Jan 2024 12:38

Tgt Ion: 117 Resp: 213914
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 32.9 26.5 39.7

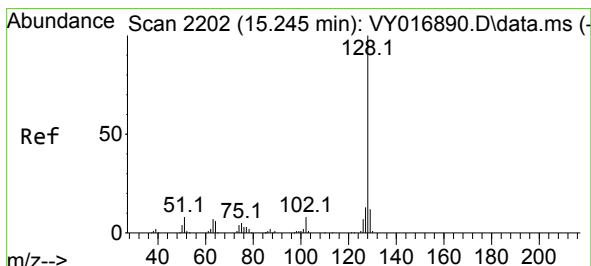
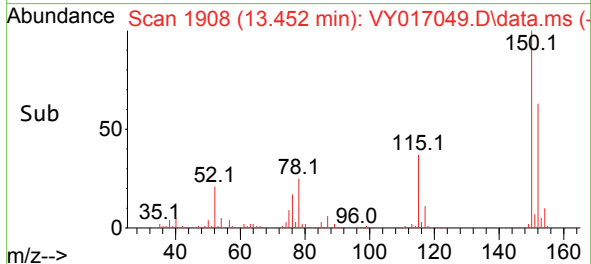
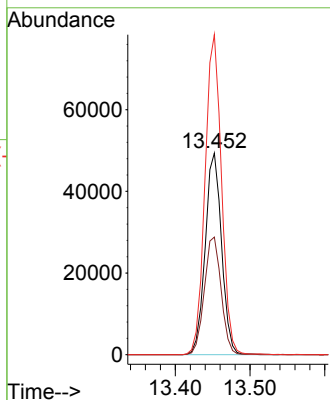
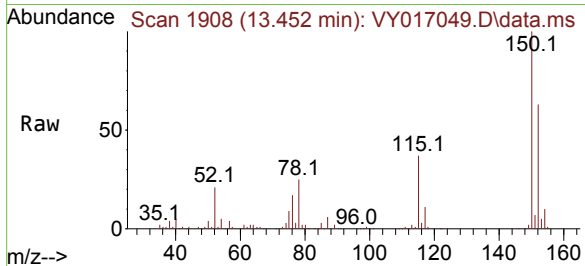




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.018 min
Lab File: VY017049.D
Acq: 19 Jan 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-9.5-10.0

Tgt Ion:152 Resp: 75204
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 159.5 0.0 344.6



#95
Naphthalene
Concen: 1.663 ug/l
RT: 15.263 min Scan# 2205
Delta R.T. 0.018 min
Lab File: VY017049.D
Acq: 19 Jan 2024 12:38

Tgt Ion:128 Resp: 2131
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 9.4 8.6 12.8

