

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018128.D
 Acq On : 02 May 2024 19:40
 Operator : SY/MD
 Sample : P2330-19
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E-4(0.5-1.5)

Quant Time: May 02 23:09:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

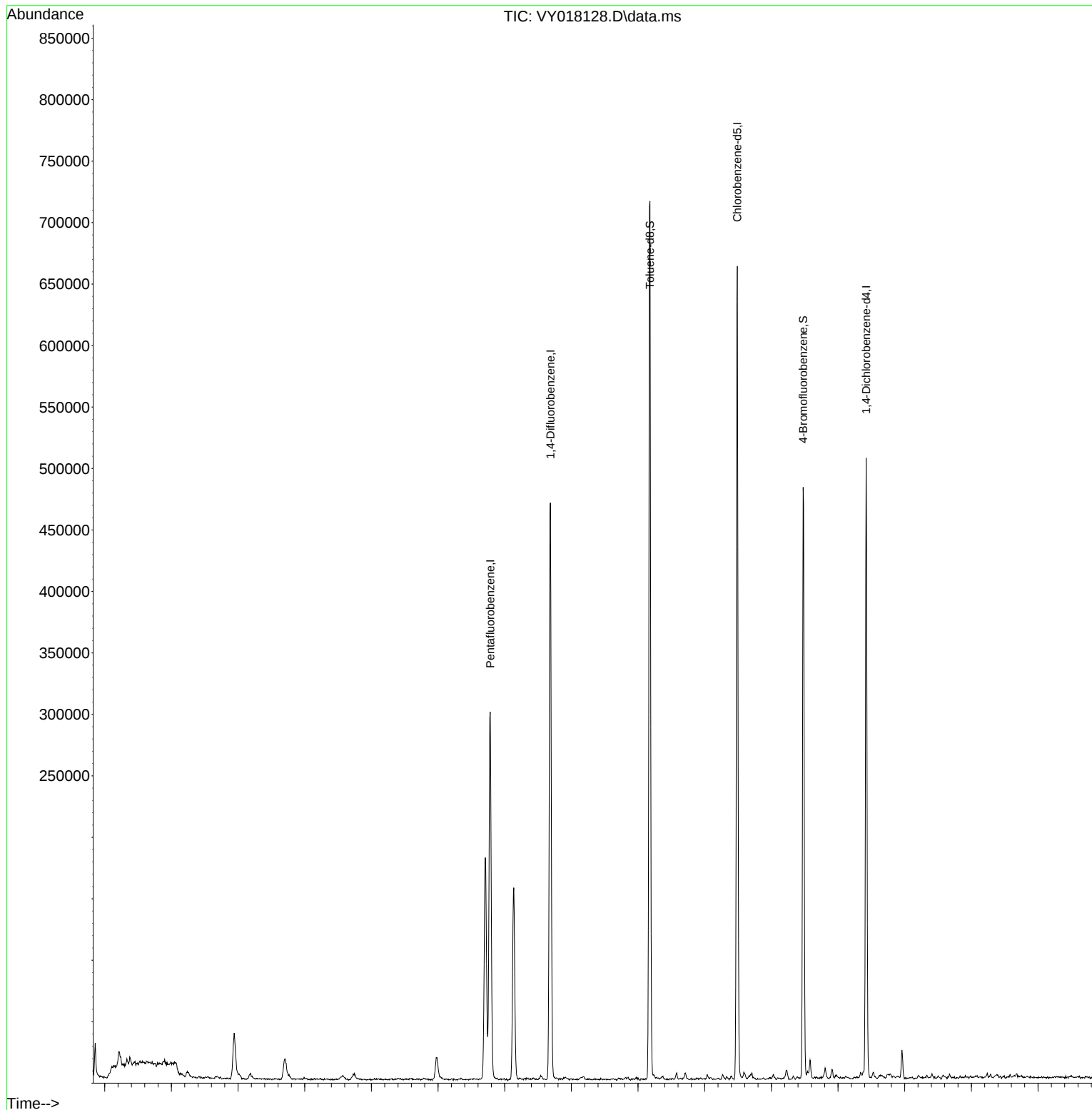
Internal Standards						
1) Pentafluorobenzene	7.783	168	249070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	444669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	388076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115716	58.941	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.880%			
35) Dibromofluoromethane	7.710	113	133194	52.123	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.240%			
50) Toluene-d8	10.179	98	487857	48.903	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.800%			
62) 4-Bromofluorobenzene	12.477	95	148583	43.279	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.560%			
Target Compounds						
16) Acetone	3.942	43	66915	178.912	ug/l	99
17) Carbon Disulfide	4.186	76	8165	1.148	ug/l #	95
25) 2-Butanone	6.972	43	29967	51.502	ug/l	94

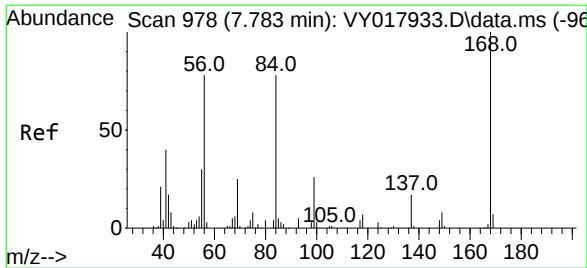
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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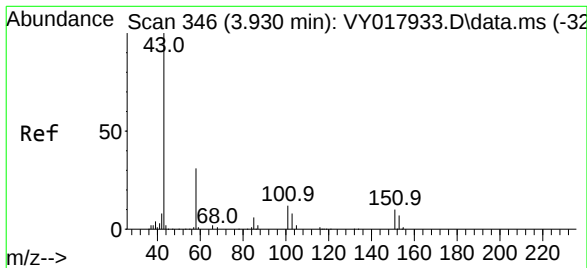
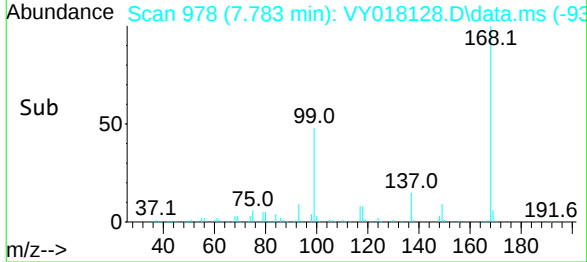
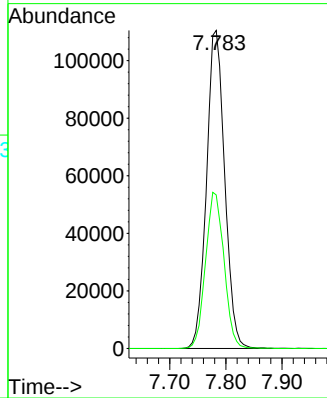
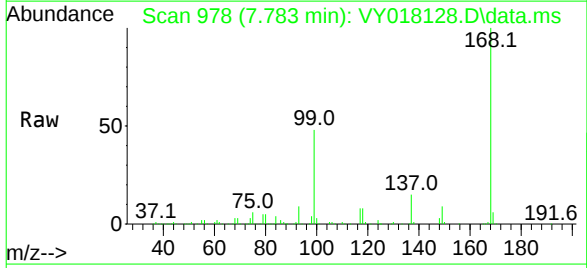




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

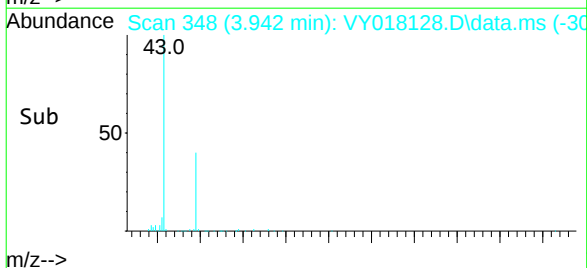
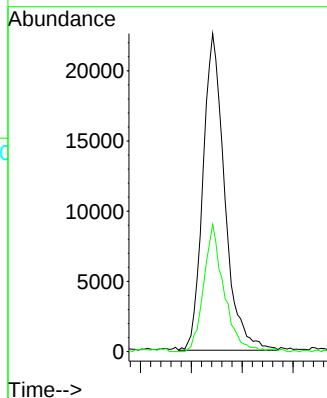
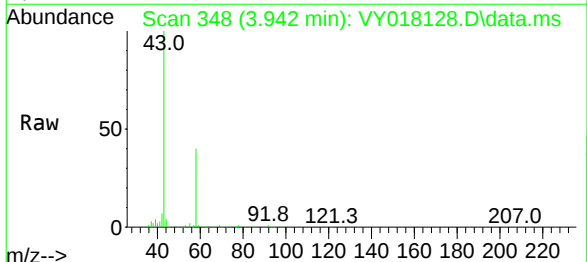
Instrument :
MSVOA_Y
ClientSampleId :
E-4(0.5-1.5)

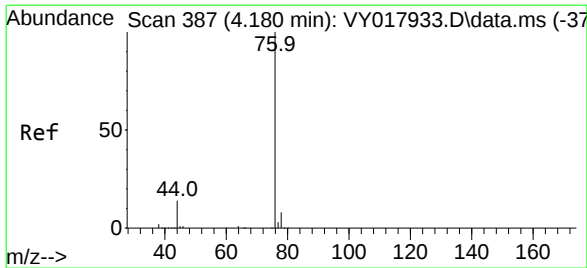
Tgt Ion:168 Resp: 249070
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#16
Acetone
Concen: 178.912 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Tgt Ion: 43 Resp: 66915
Ion Ratio Lower Upper
43 100
58 40.2 31.7 47.5





#17

Carbon Disulfide

Concen: 1.148 ug/l

RT: 4.186 min Scan# 38

Delta R.T. -0.006 min

Lab File: VY018128.D

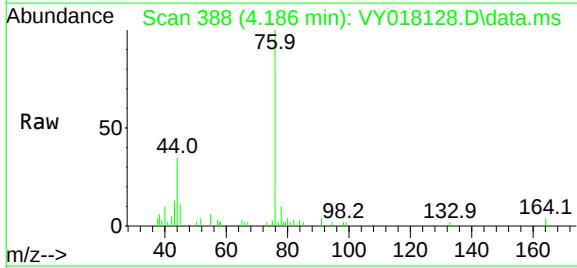
Acq: 02 May 2024 19:40

Instrument :

MSVOA_Y

ClientSampleId :

E-4(0.5-1.5)

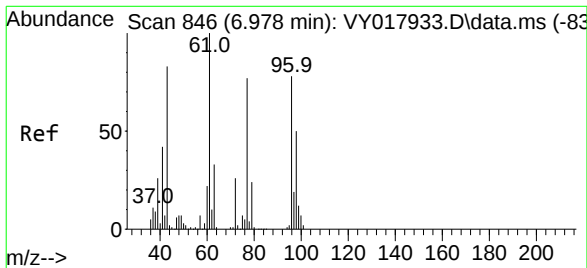
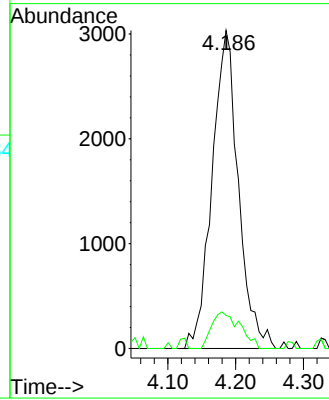
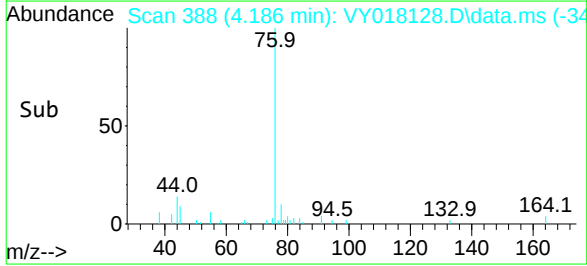


Tgt Ion: 76 Resp: 8165

Ion Ratio Lower Upper

76 100

78 10.4 6.8 10.2#



#25

2-Butanone

Concen: 51.502 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY018128.D

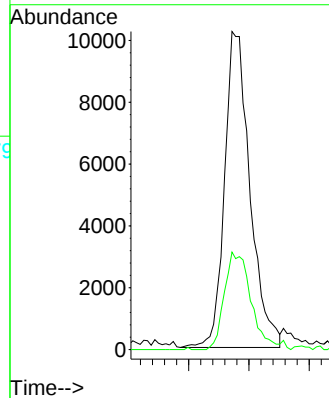
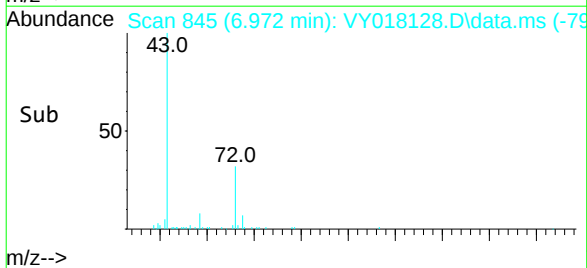
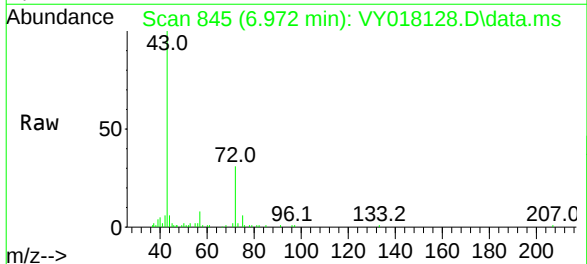
Acq: 02 May 2024 19:40

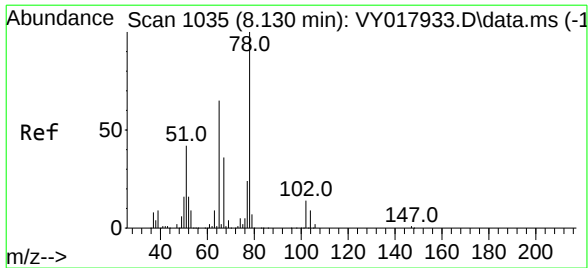
Tgt Ion: 43 Resp: 29967

Ion Ratio Lower Upper

43 100

72 30.9 27.3 40.9

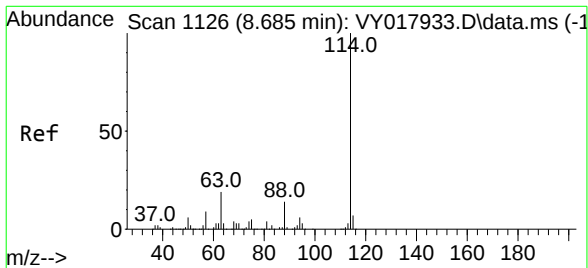
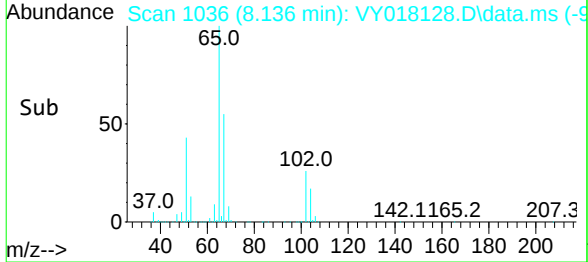
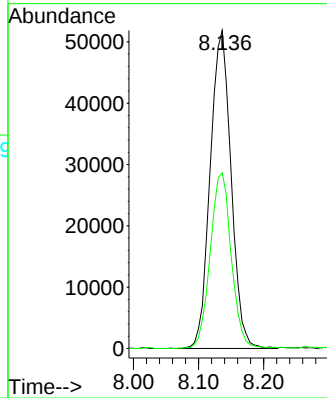
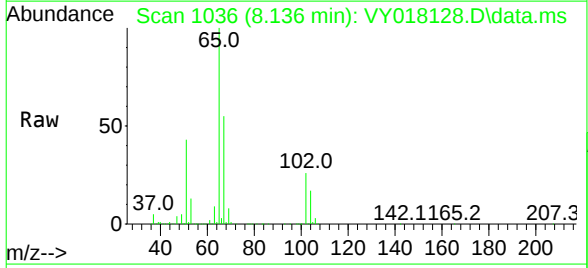




#33
1,2-Dichloroethane-d4
Concen: 58.941 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

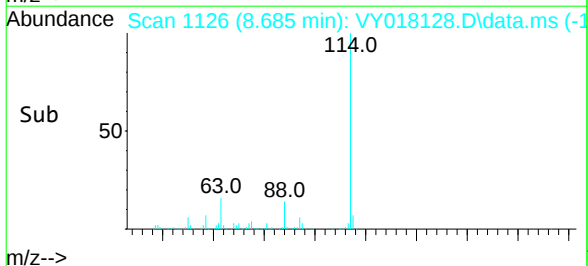
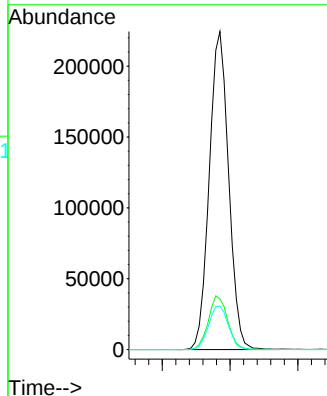
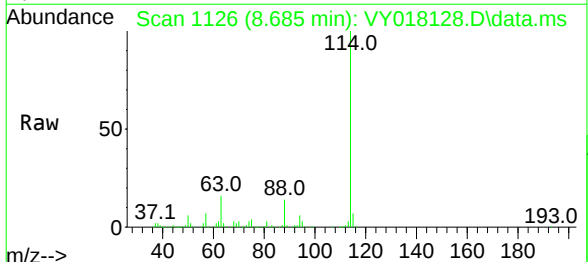
Instrument :
MSVOA_Y
ClientSampleId :
E-4(0.5-1.5)

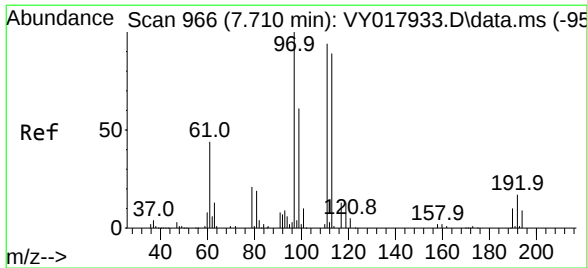
Tgt Ion: 65 Resp: 115716
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Tgt Ion: 114 Resp: 444669
Ion Ratio Lower Upper
114 100
63 16.0 0.0 35.0
88 13.7 0.0 27.2

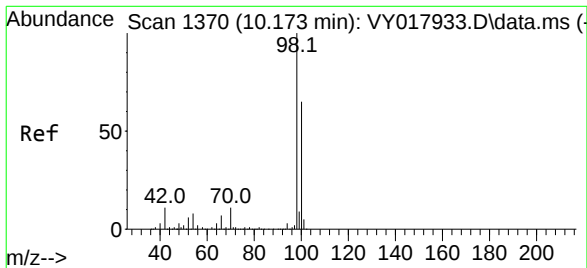
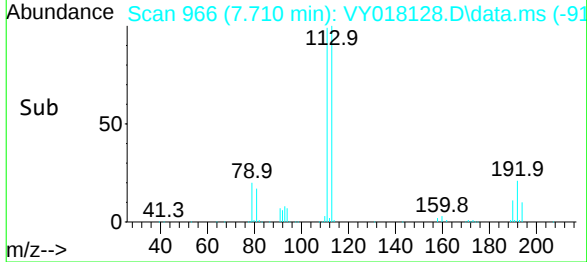
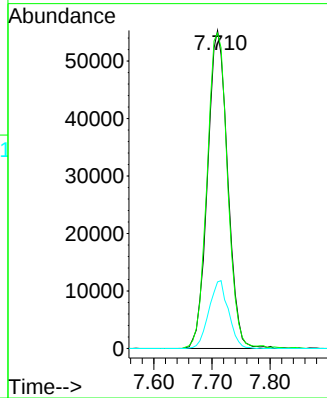
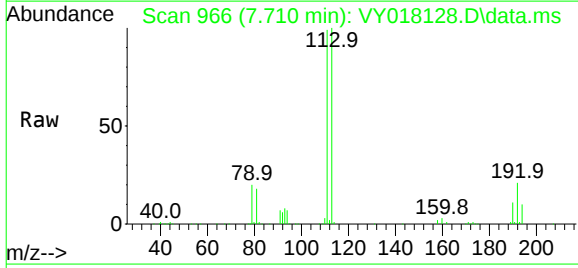




#35
Dibromofluoromethane
Concen: 52.123 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

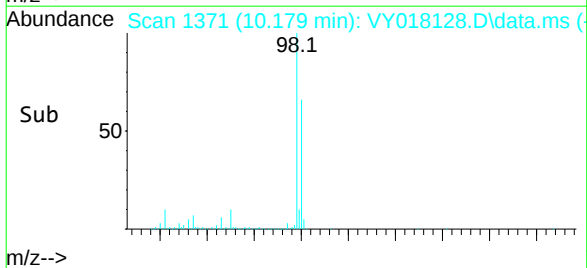
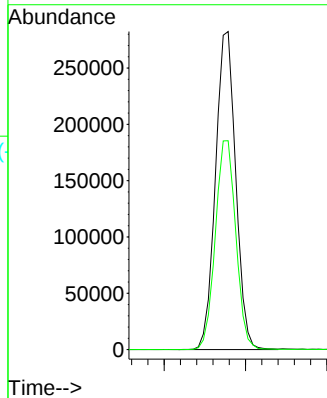
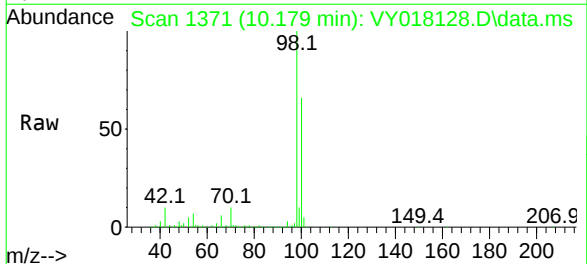
Instrument :
MSVOA_Y
ClientSampleId :
E-4(0.5-1.5)

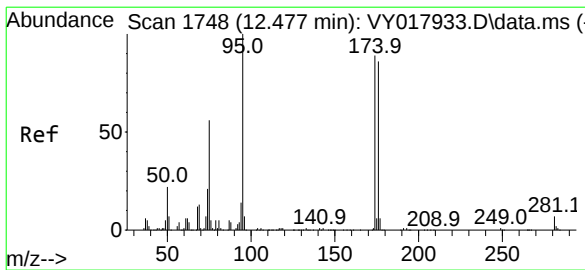
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	20.7	15.9	23.9



#50
Toluene-d8
Concen: 48.903 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.0	78.0

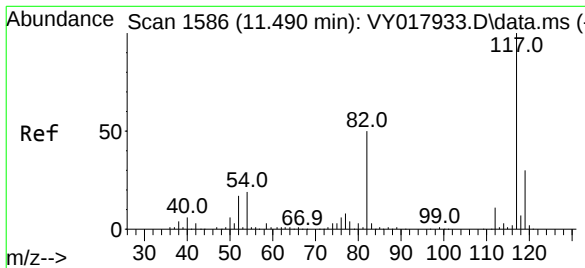
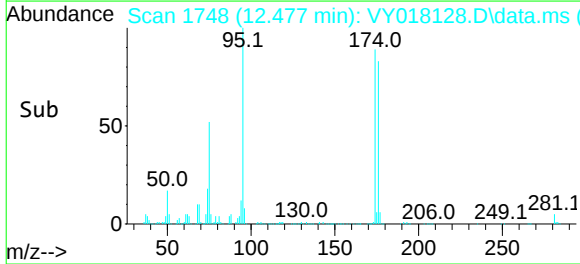
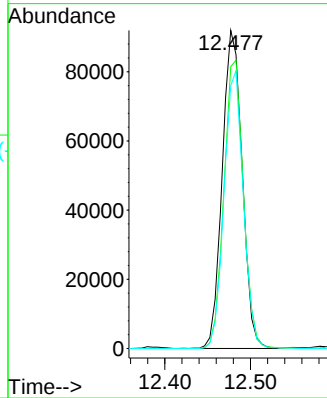
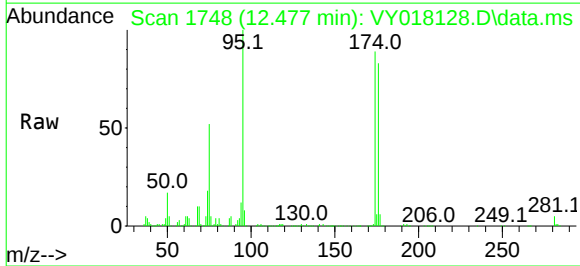




#62
4-Bromofluorobenzene
Concen: 43.279 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

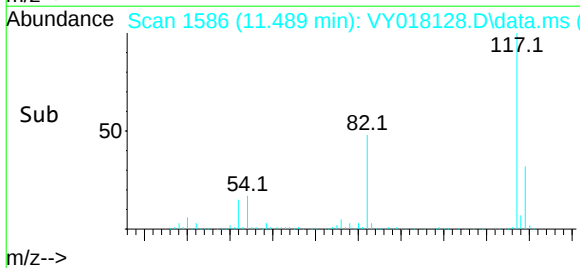
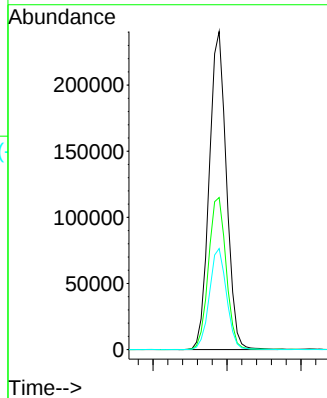
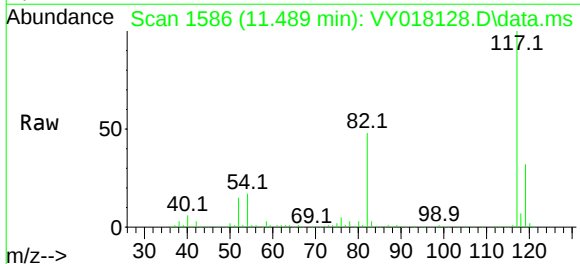
Instrument :
MSVOA_Y
ClientSampleId :
E-4(0.5-1.5)

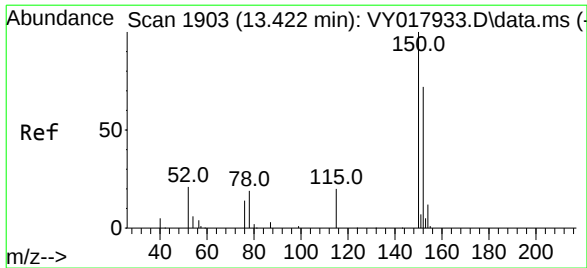
Tgt Ion: 95 Resp: 148583
Ion Ratio Lower Upper
95 100
174 89.2 0.0 175.6
176 84.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018128.D
Acq: 02 May 2024 19:40

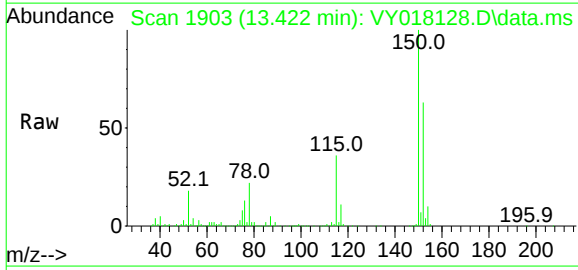
Tgt Ion: 117 Resp: 388076
Ion Ratio Lower Upper
117 100
82 47.8 42.4 63.6
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY018128.D
 Acq: 02 May 2024 19:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 E-4(0.5-1.5)



Tgt Ion:	152	Resp:	133506
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.2	84.7
150	158.9	0.0	345.6

