

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018782.D
 Acq On : 11 Jul 2024 16:49
 Operator : SY/MD
 Sample : P3223-02
 Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PILE-CAP

Quant Time: Jul 12 01:40:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

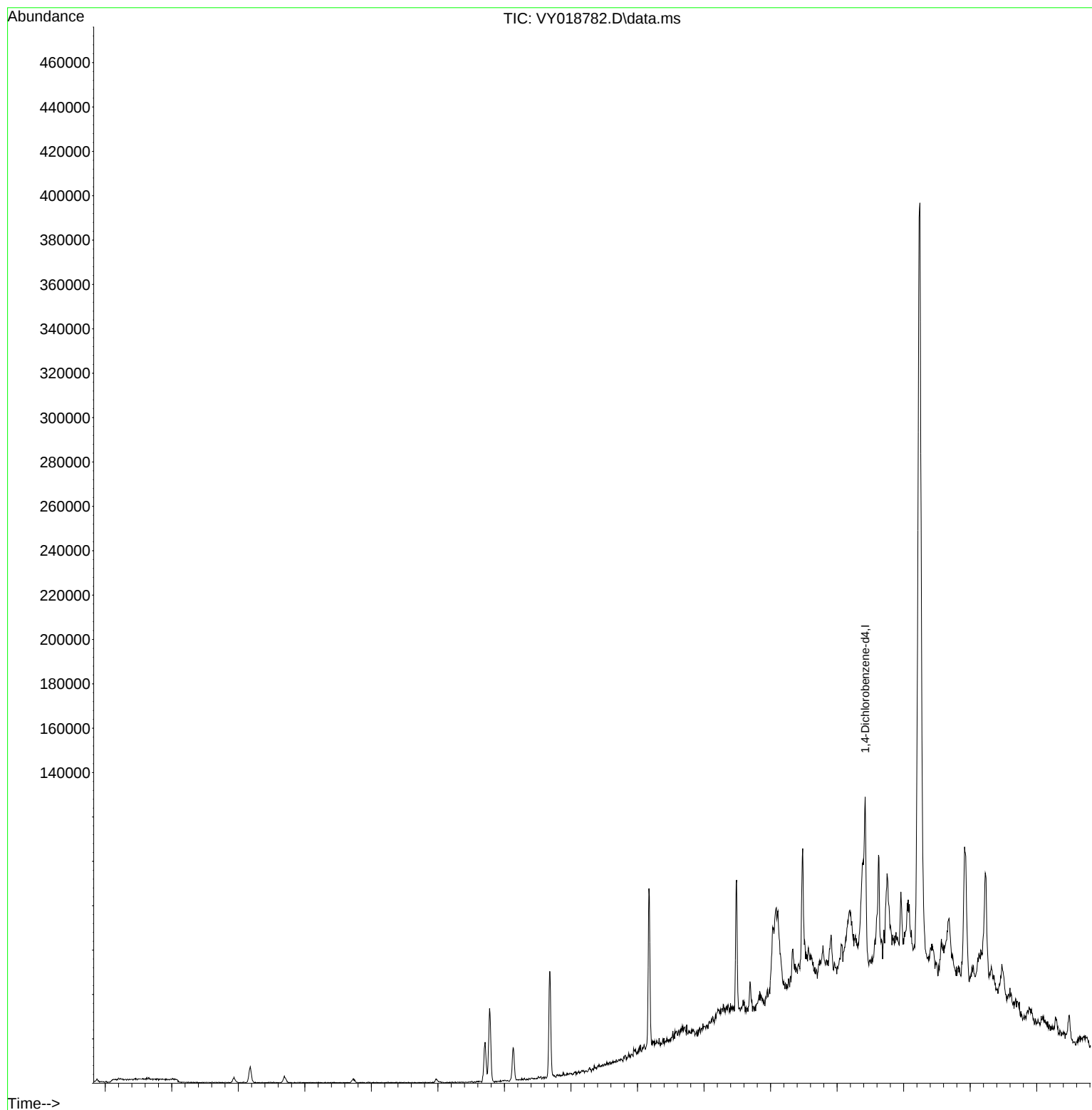
Internal Standards						
1) Pentafluorobenzene	7.783	168	25050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	41754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	34471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	11433	46.382	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.760%		
35) Dibromofluoromethane	7.710	113	11842	45.282	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.560%		
50) Toluene-d8	10.173	98	48279	48.729	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.460%		
62) 4-Bromofluorobenzene	12.477	95	17030	50.332	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.660%		
Target Compounds						
16) Acetone	3.936	43	3875	85.268	ug/l #	71
17) Carbon Disulfide	4.180	76	13676	20.181	ug/l	96
25) 2-Butanone	6.984	43	2537	39.827	ug/l #	67
67) Ethyl Benzene	11.593	91	3289	2.582	ug/l #	77
68) m/p-Xylenes	11.697	106	4055	8.112	ug/l	98
69) o-Xylene	12.032	106	2623	5.581	ug/l	68
95) Naphthalene	15.233	128	15153	37.144	ug/l #	94

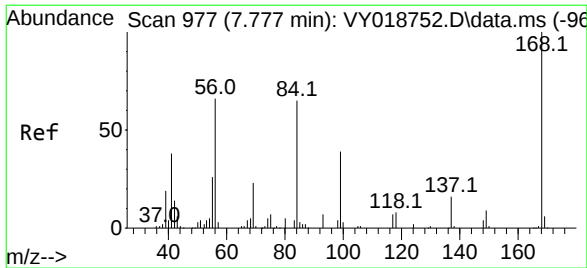
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
Data File : VY018782.D
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MSVOA_Y
ClientSampleId :
PILE-CAP

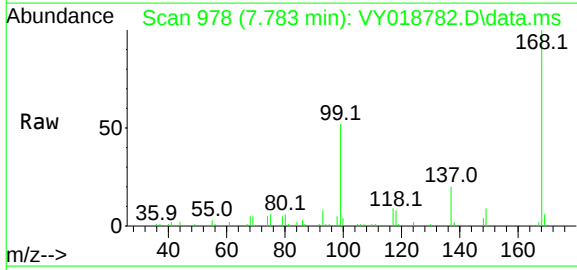
Quant Time: Jul 12 01:40:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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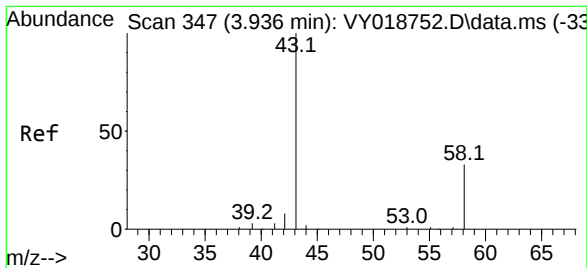
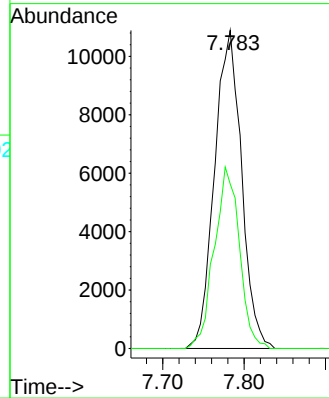
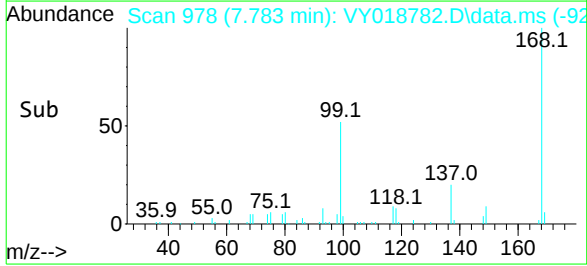


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. 0.006 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

Instrument :
MSVOA_Y
ClientSampleId :
PILE-CAP

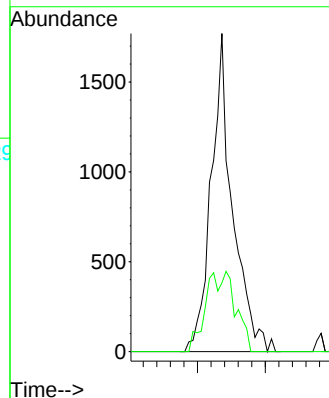
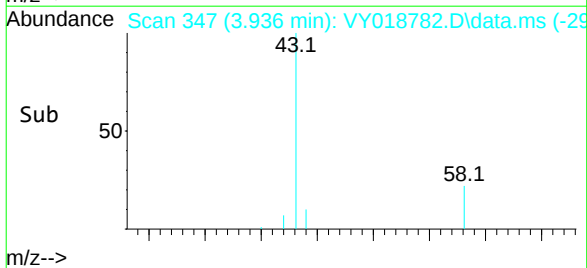
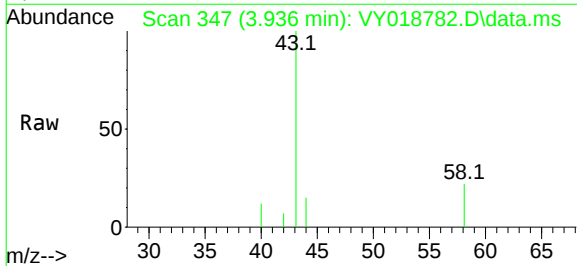


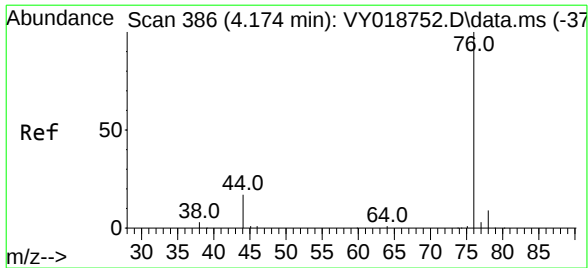
Tgt Ion:168 Resp: 25050
Ion Ratio Lower Upper
168 100
99 51.8 39.1 58.7



#16
Acetone
Concen: 85.268 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

Tgt Ion: 43 Resp: 3875
Ion Ratio Lower Upper
43 100
58 21.6 31.7 47.5#

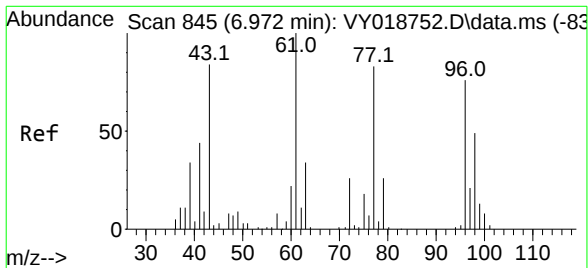
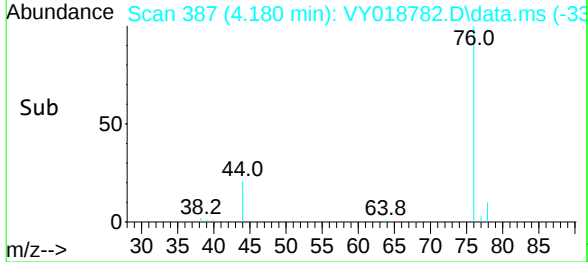
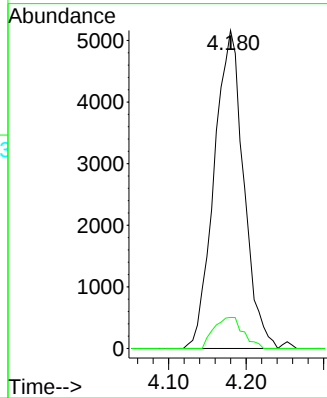
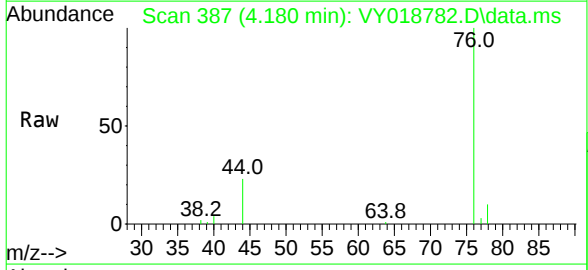




#17
Carbon Disulfide
Concen: 20.181 ug/l
RT: 4.180 min Scan# 38
Delta R.T. 0.006 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

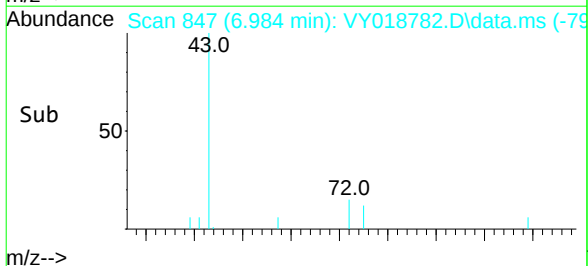
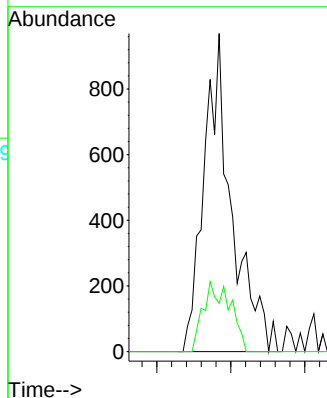
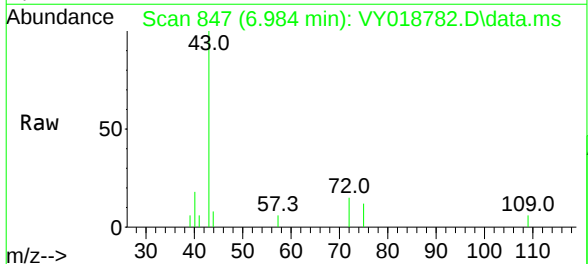
Instrument :
MSVOA_Y
ClientSampleId :
PILE-CAP

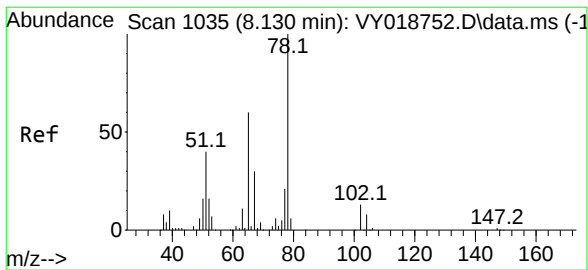
Tgt Ion: 76 Resp: 13676
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#25
2-Butanone
Concen: 39.827 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

Tgt Ion: 43 Resp: 2537
Ion Ratio Lower Upper
43 100
72 15.2 27.3 40.9#

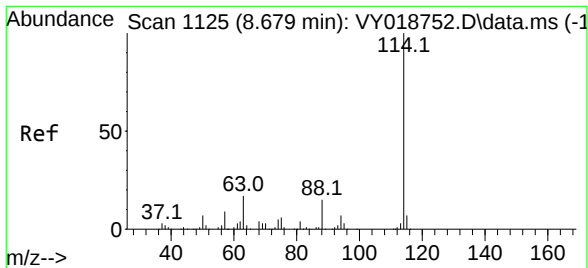
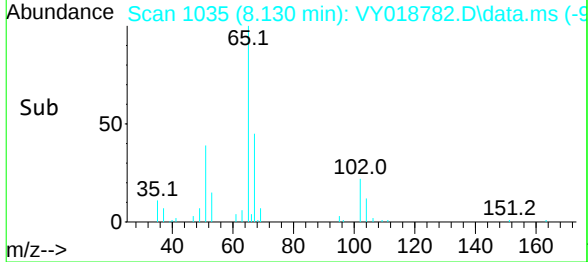
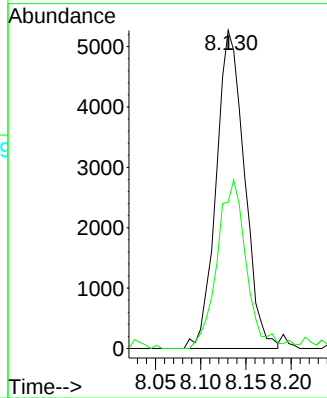
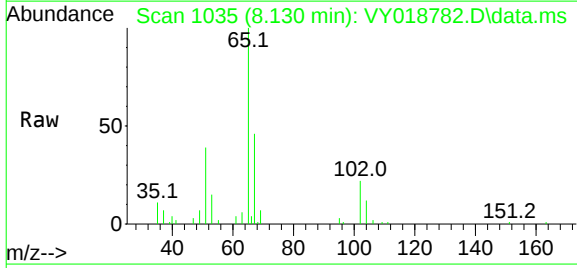




#33
1,2-Dichloroethane-d4
Concen: 46.382 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

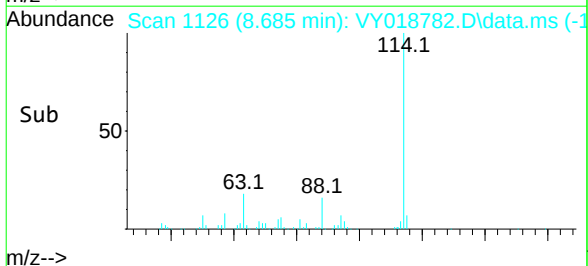
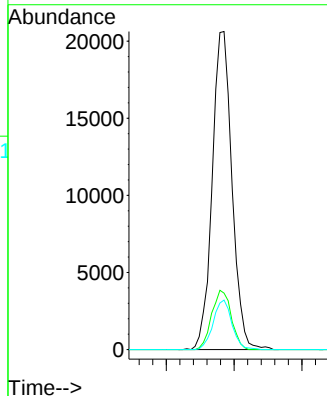
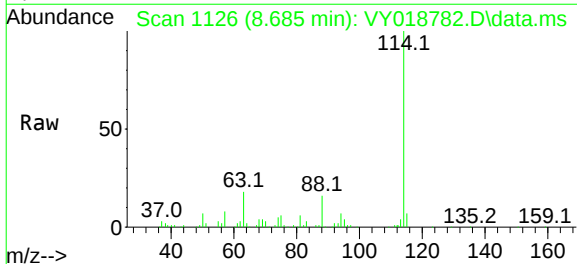
Instrument :
MSVOA_Y
ClientSampleId :
PILE-CAP

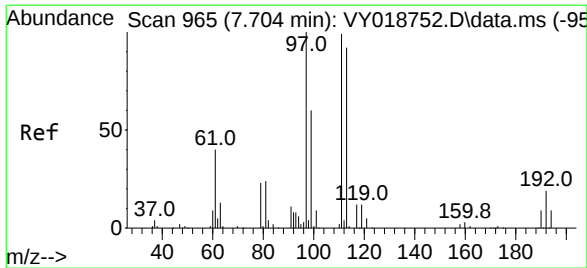
Tgt Ion: 65 Resp: 11433
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

Tgt Ion: 114 Resp: 41754
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 15.6 0.0 27.2

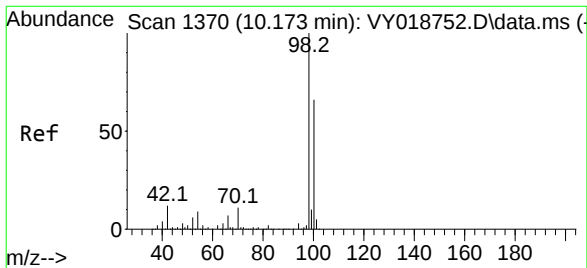
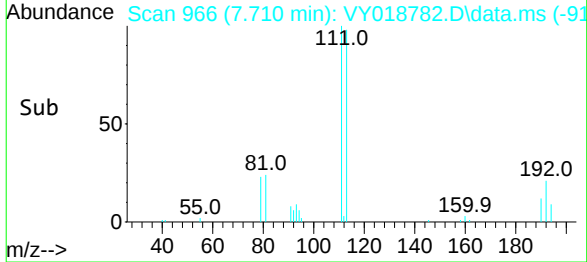
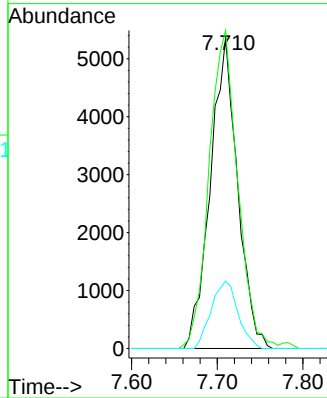
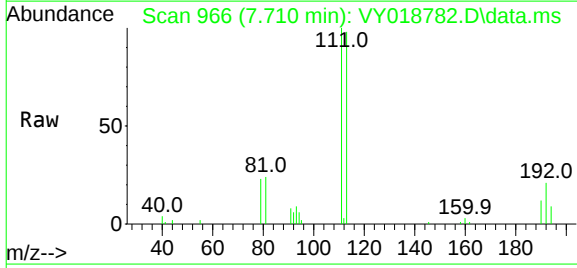




#35
Dibromofluoromethane
Concen: 45.282 ug/l
RT: 7.710 min Scan# 96
Delta R.T. 0.006 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

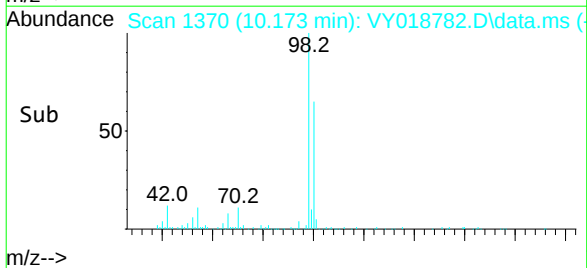
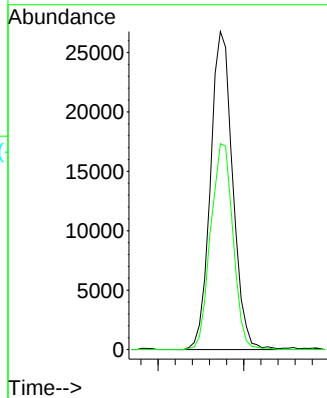
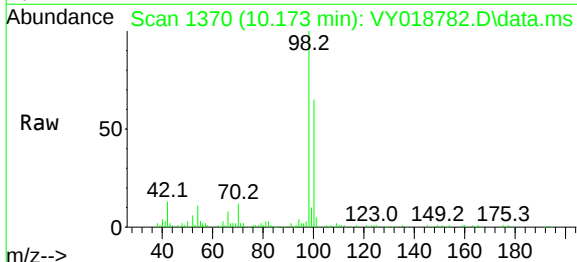
Instrument :
MSVOA_Y
ClientSampleId :
PILE-CAP

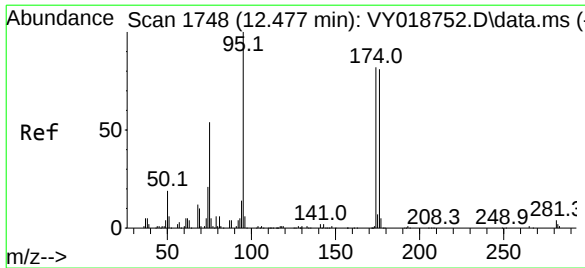
Tgt Ion:113 Resp: 11842
Ion Ratio Lower Upper
113 100
111 107.5 82.2 123.4
192 21.3 15.9 23.9



#50
Toluene-d8
Concen: 48.729 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

Tgt Ion: 98 Resp: 48279
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

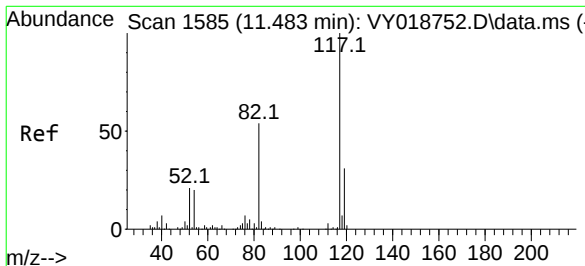
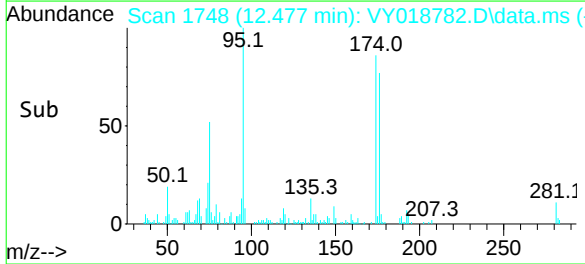
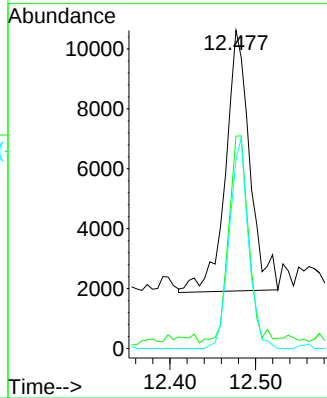
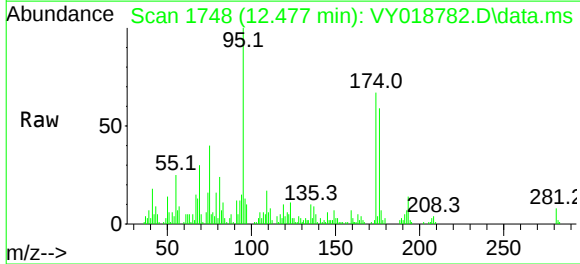




#62
4-Bromofluorobenzene
Concen: 50.332 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

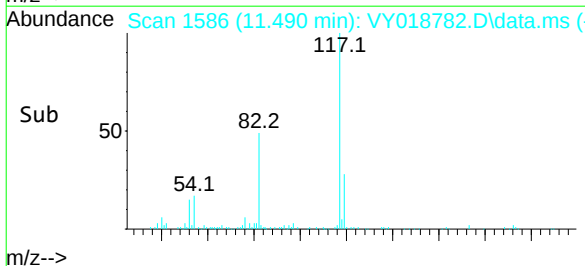
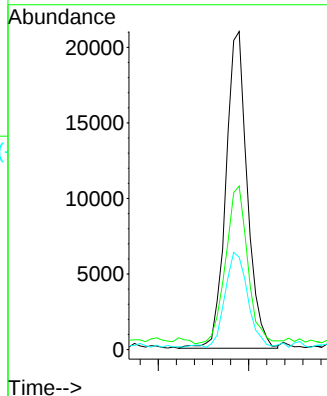
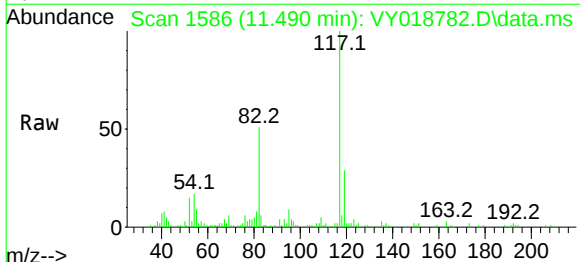
Instrument :
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PILE-CAP

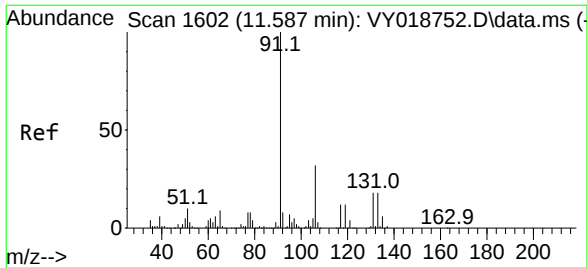
Tgt Ion:	95	Resp:	17030
Ion	Ratio	Lower	Upper
95	100		
174	62.0	0.0	175.6
176	64.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

Tgt Ion:	117	Resp:	34471
Ion	Ratio	Lower	Upper
117	100		
82	48.9	42.4	63.6
119	28.3	25.9	38.9

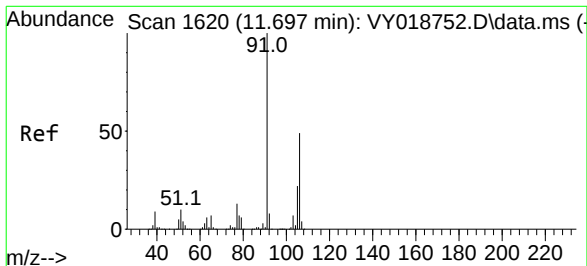
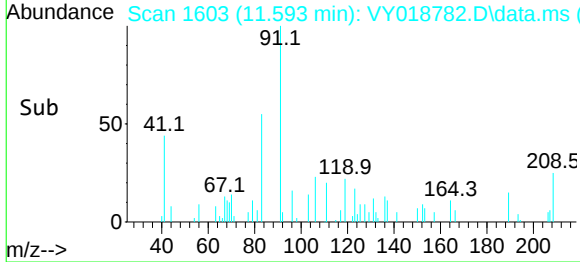
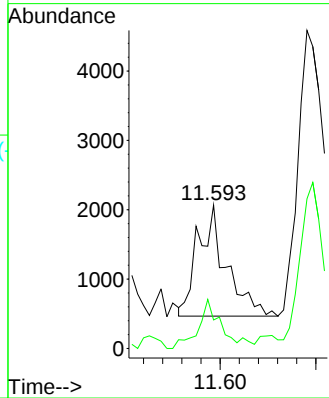
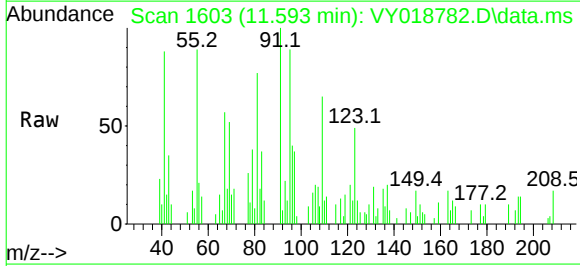




#67
Ethyl Benzene
Concen: 2.582 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

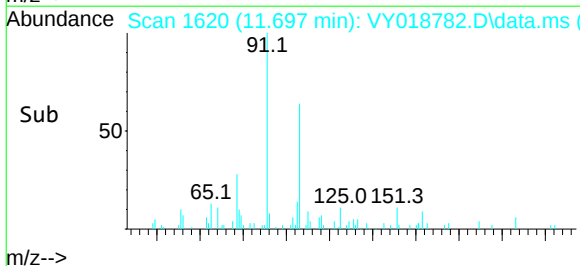
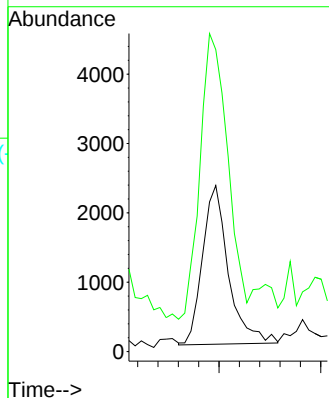
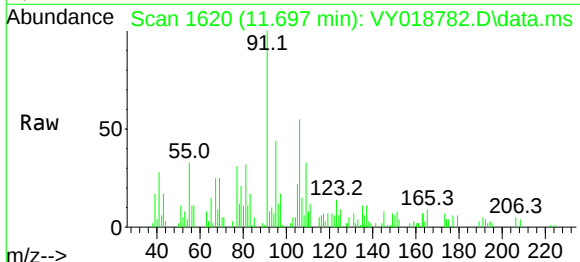
Instrument :
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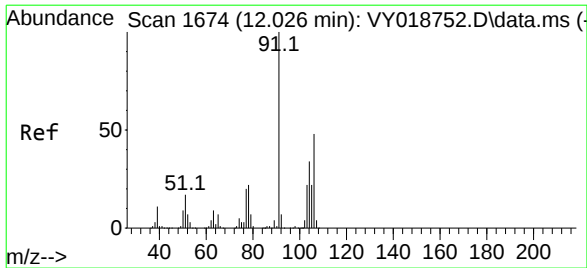
Tgt Ion: 91 Resp: 3289
Ion Ratio Lower Upper
91 100
106 17.9 24.5 36.7#



#68
m/p-Xylenes
Concen: 8.112 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

Tgt Ion:106 Resp: 4055
Ion Ratio Lower Upper
106 100
91 191.8 156.0 234.0





#69

o-Xylene

Concen: 5.581 ug/l

RT: 12.032 min Scan# 1674

Delta R.T. 0.006 min

Lab File: VY018782.D

Acq: 11 Jul 2024 16:49

Instrument :

MSVOA_Y

ClientSampleId :

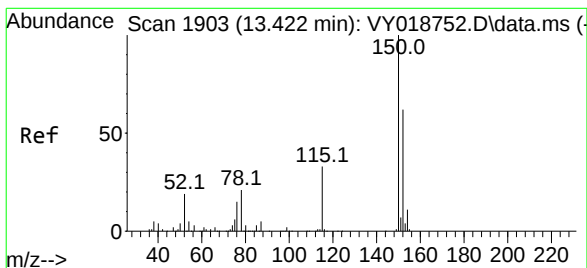
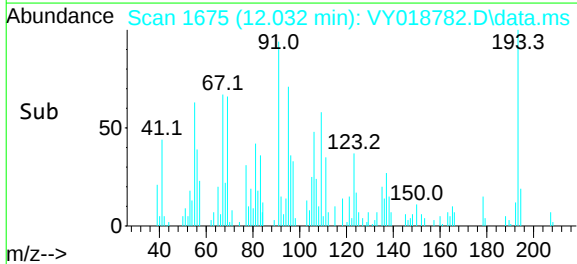
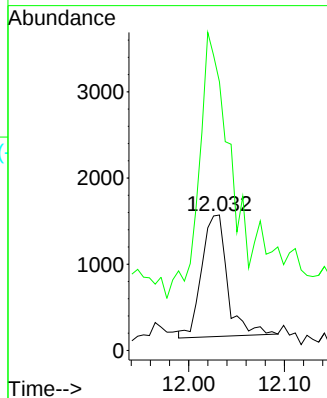
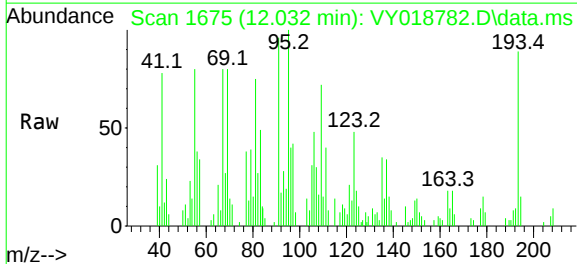
PILE-CAP

Tgt Ion:106 Resp: 2623

Ion Ratio Lower Upper

106 100

91 257.4 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018782.D

Acq: 11 Jul 2024 16:49

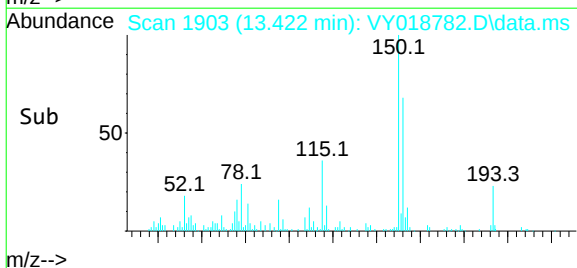
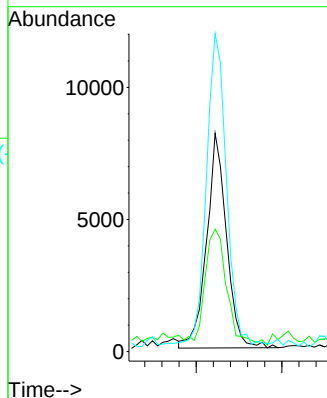
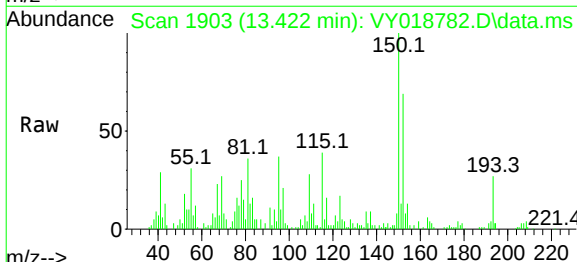
Tgt Ion:152 Resp: 13142

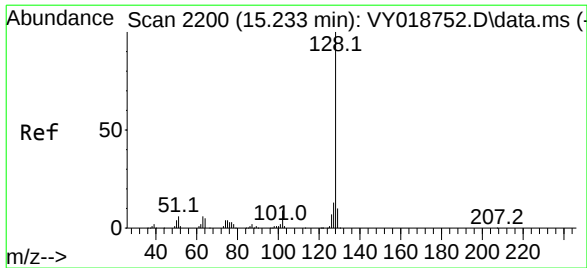
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

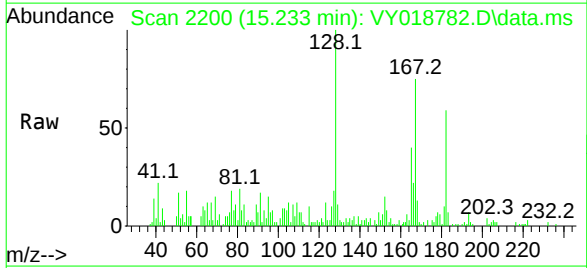
150 142.9 0.0 345.6





#95
Naphthalene
Concen: 37.144 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018782.D
Acq: 11 Jul 2024 16:49

Instrument :
MSVOA_Y
ClientSampleId :
PILE-CAP



Tgt Ion:	128	Resp:	15153
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	6.3	8.6	13.0

