

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018780.D
 Acq On : 11 Jul 2024 15:59
 Operator : SY/MD
 Sample : P3184-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-23-00199

Quant Time: Jul 12 01:39:51 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)

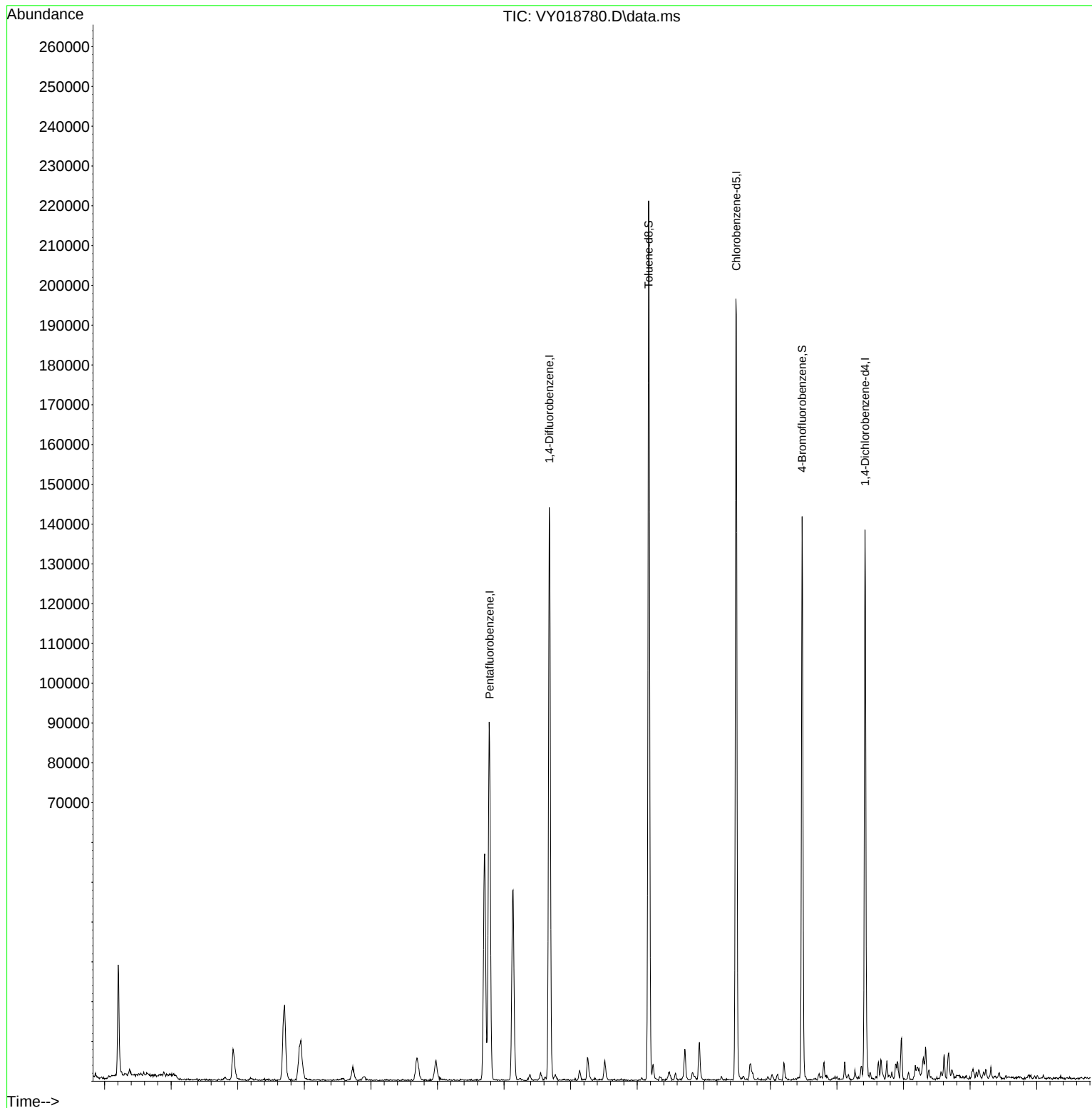
Internal Standards						
1) Pentafluorobenzene	7.783	168	70039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	123746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	109540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38199	55.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.860%			
35) Dibromofluoromethane	7.704	113	38592	49.793	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.580%			
50) Toluene-d8	10.173	98	141051	48.036	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.080%			
62) 4-Bromofluorobenzene	12.477	95	40161	40.050	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.100%			
Target Compounds						
3) Chloromethane	2.211	50	1299	1.457	ug/l	94
11) Tert butyl alcohol	4.948	59	18735	268.347	ug/l #	80
16) Acetone	3.930	43	13583	106.901	ug/l	93
20) Methylene Chloride	4.704	84	13901	15.936	ug/l	90
25) 2-Butanone	6.984	43	4758	26.715	ug/l #	87

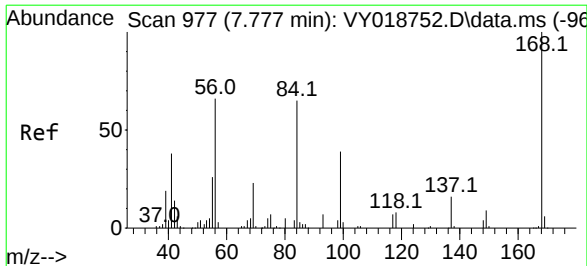
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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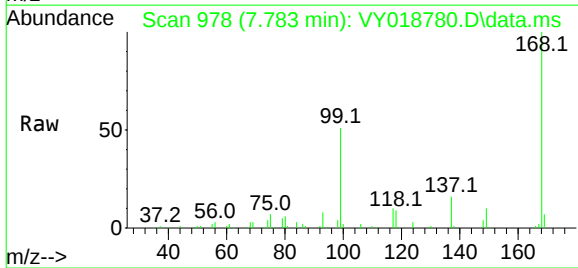
Quant Time: Jul 12 01:39:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



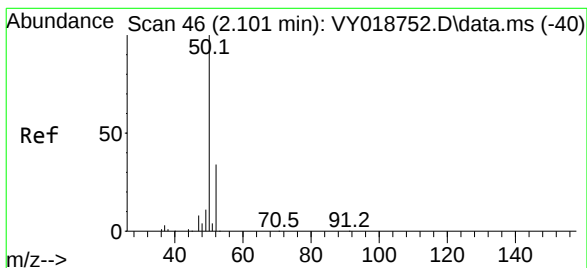
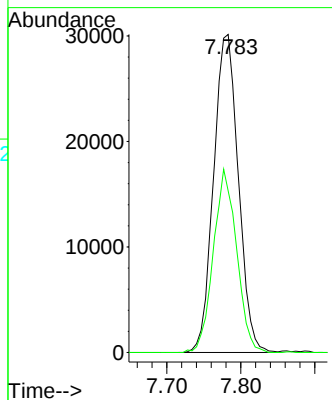
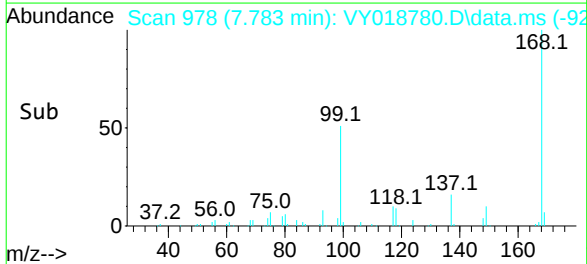


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. 0.006 min
Lab File: VY018780.D
Acq: 11 Jul 2024 15:59

Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00199

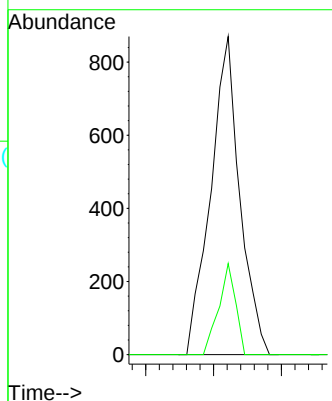
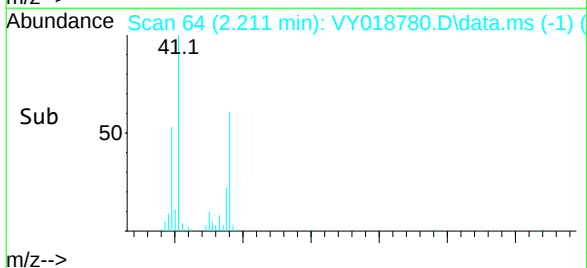
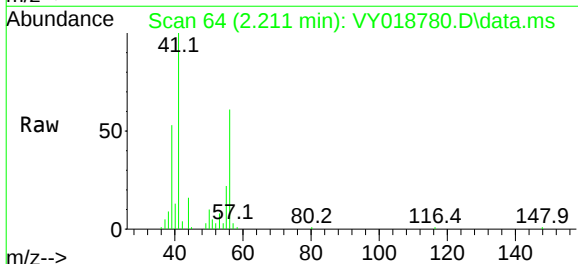


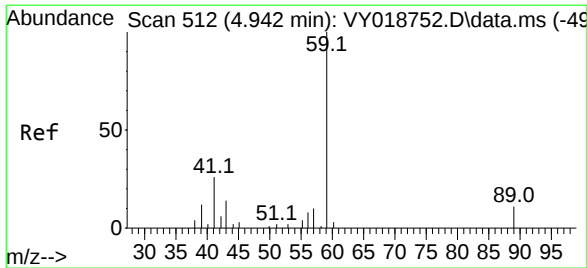
Tgt Ion:168 Resp: 70039
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#3
Chloromethane
Concen: 1.457 ug/l
RT: 2.211 min Scan# 64
Delta R.T. 0.110 min
Lab File: VY018780.D
Acq: 11 Jul 2024 15:59

Tgt Ion: 50 Resp: 1299
Ion Ratio Lower Upper
50 100
52 28.6 25.6 38.4





#11

Tert butyl alcohol

Concen: 268.347 ug/l

RT: 4.948 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018780.D

Acq: 11 Jul 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

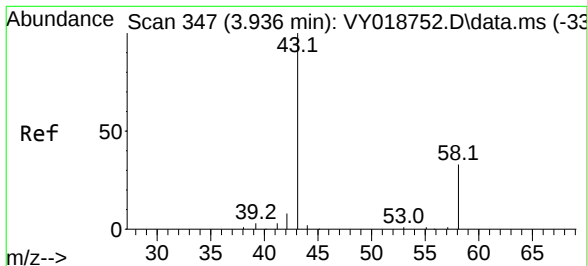
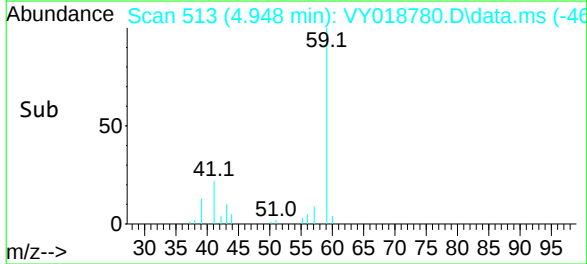
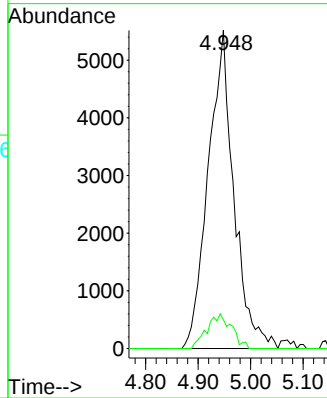
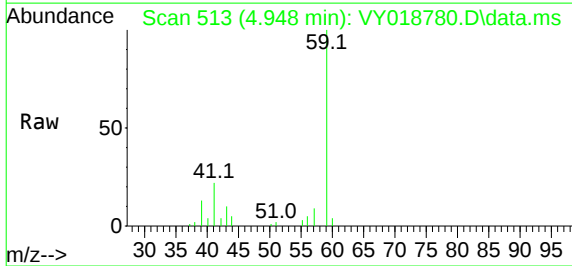
MOO-23-00199

Tgt Ion: 59 Resp: 18735

Ion Ratio Lower Upper

59 100

57 10.5 3.0 4.6#



#16

Acetone

Concen: 106.901 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018780.D

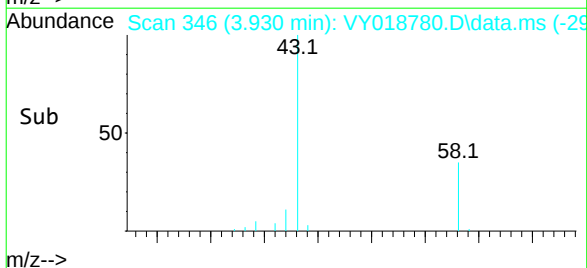
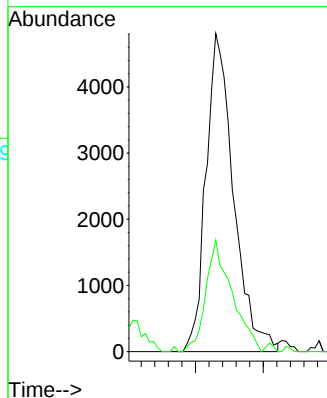
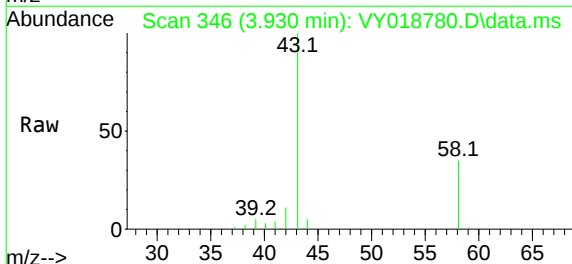
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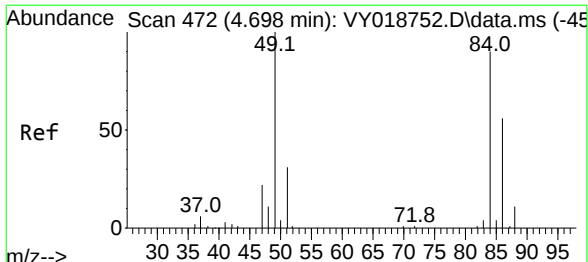
Tgt Ion: 43 Resp: 13583

Ion Ratio Lower Upper

43 100

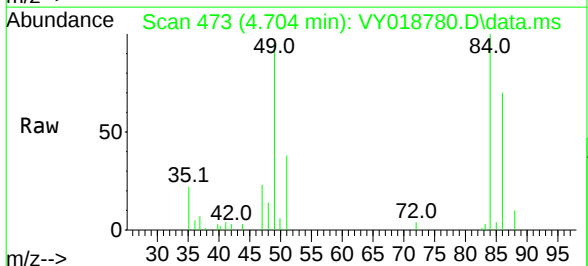
58 35.1 31.7 47.5



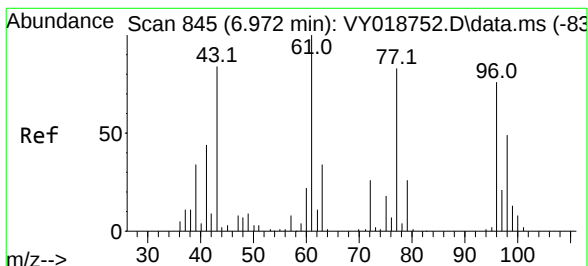
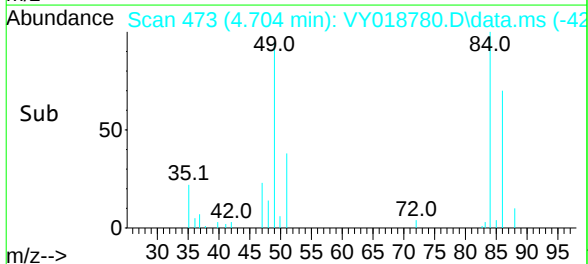
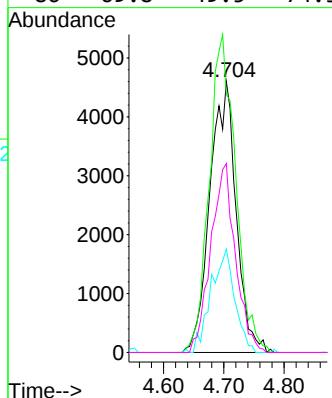


#20
Methylene Chloride
Concen: 15.936 ug/l
RT: 4.704 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY018780.D
Acq: 11 Jul 2024 15:59

Instrument :
MSVOA_Y
ClientSampleId :
MOO-23-00199

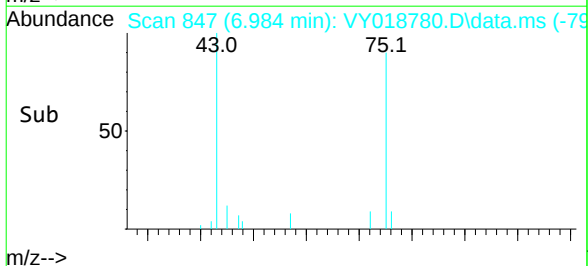
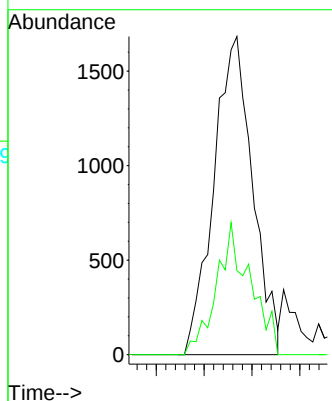
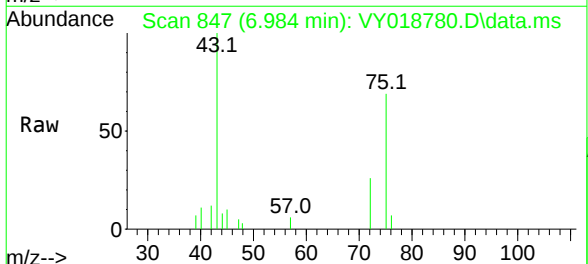


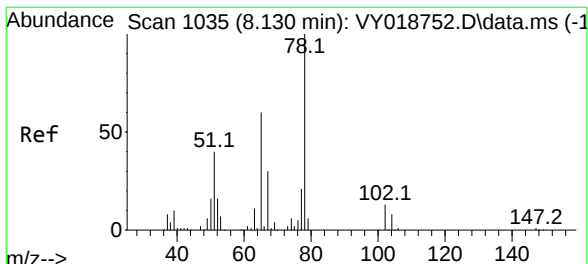
Tgt Ion:	84	Resp:	13901
Ion	Ratio	Lower	Upper
84	100		
49	95.4	84.4	126.6
51	38.2	26.0	39.0
86	69.8	49.5	74.3



#25
2-Butanone
Concen: 26.715 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY018780.D
Acq: 11 Jul 2024 15:59

Tgt Ion:	43	Resp:	4758
Ion	Ratio	Lower	Upper
43	100		
72	26.4	27.3	40.9#

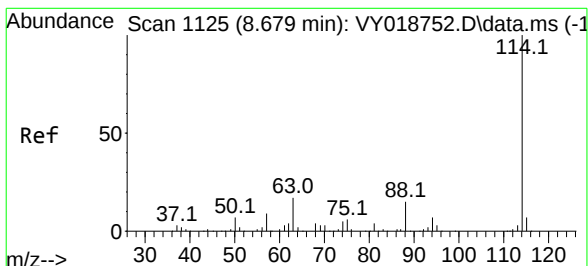
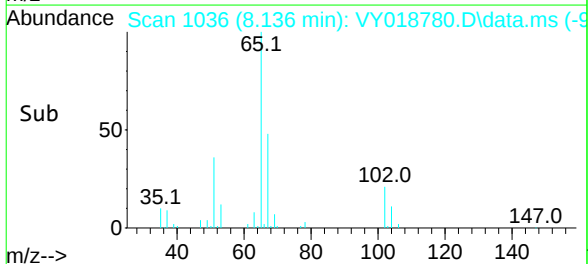
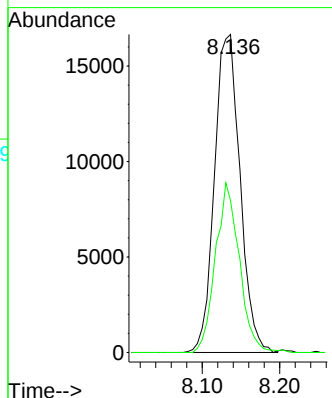
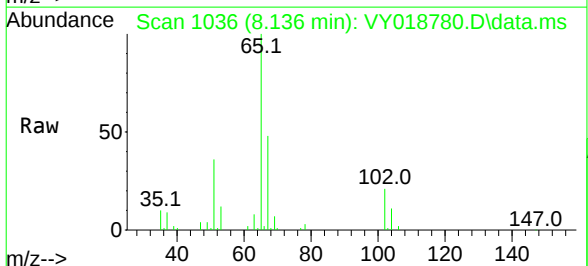




#33
 1,2-Dichloroethane-d4
 Concen: 55.425 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY018780.D
 Acq: 11 Jul 2024 15:59

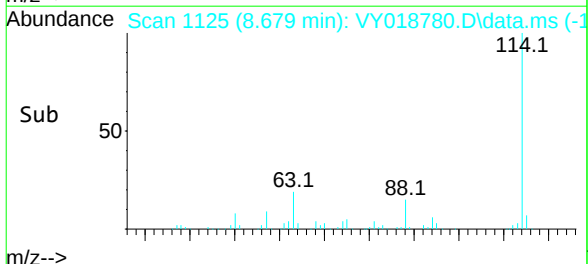
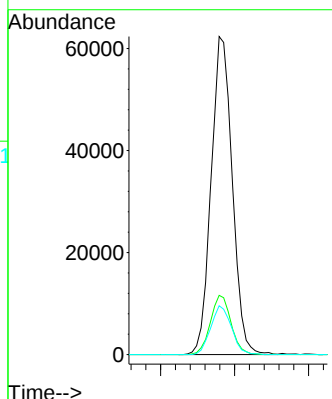
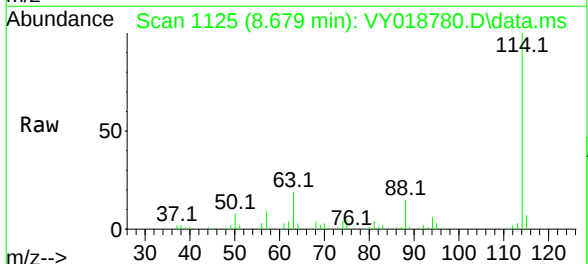
Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-23-00199

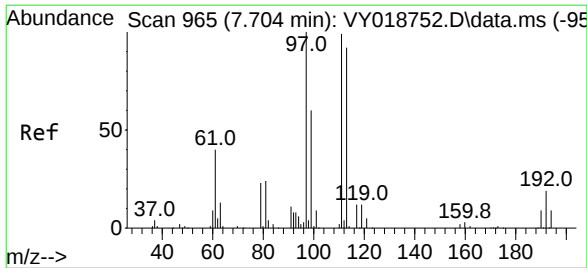
Tgt Ion: 65 Resp: 38199
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018780.D
 Acq: 11 Jul 2024 15:59

Tgt Ion: 114 Resp: 123746
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.0
 88 15.4 0.0 27.2

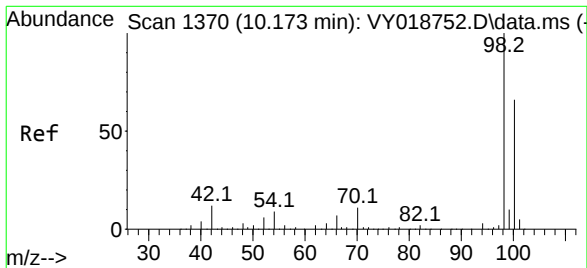
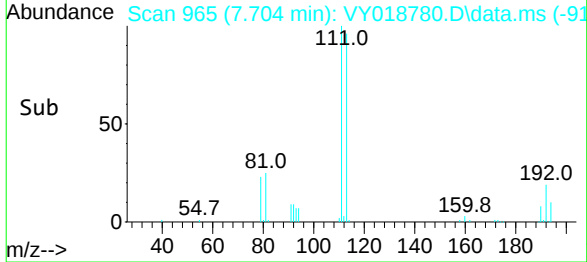
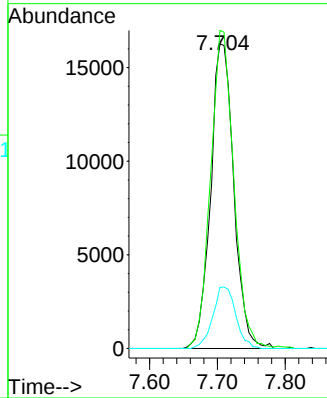
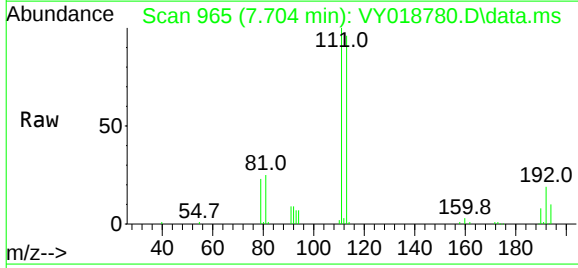




#35
Dibromofluoromethane
Concen: 49.793 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018780.D
Acq: 11 Jul 2024 15:59

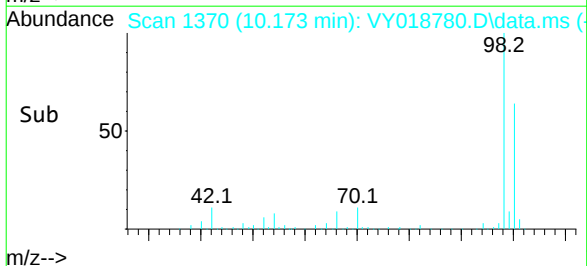
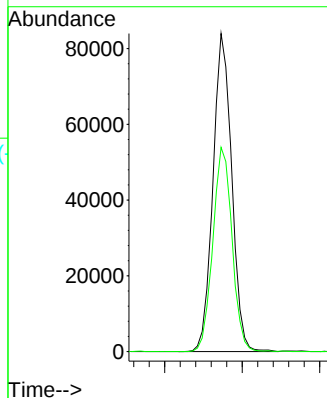
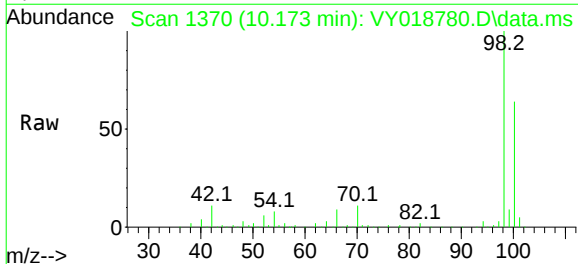
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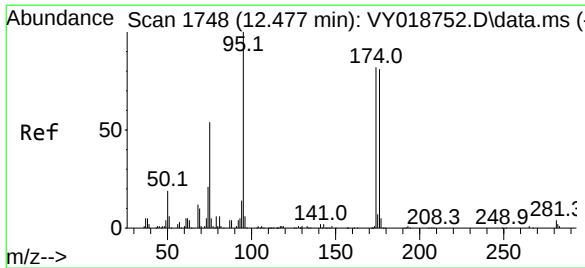
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.4
192	20.1	15.9	23.9



#50
Toluene-d8
Concen: 48.036 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018780.D
Acq: 11 Jul 2024 15:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0

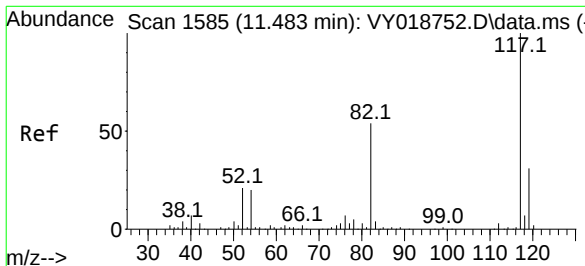
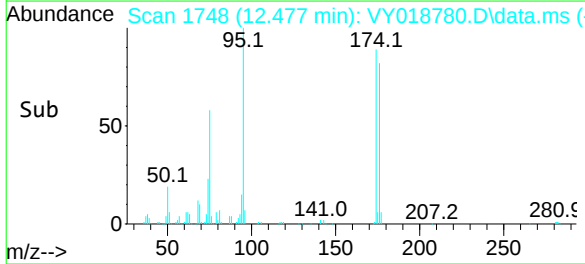
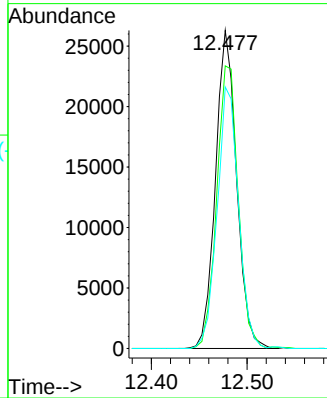
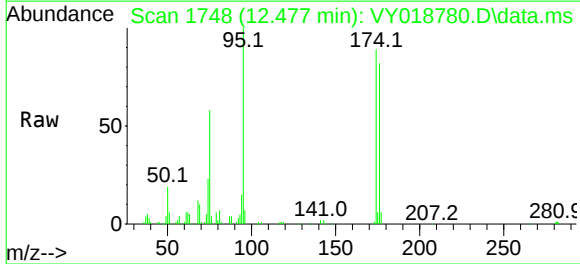




#62
4-Bromofluorobenzene
Concen: 40.050 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018780.D
Acq: 11 Jul 2024 15:59

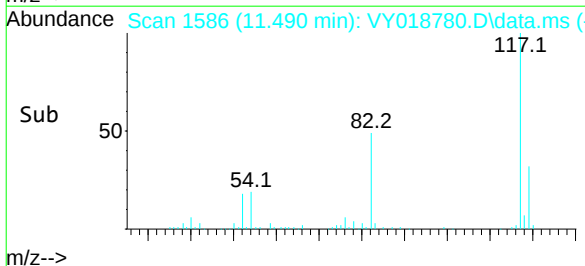
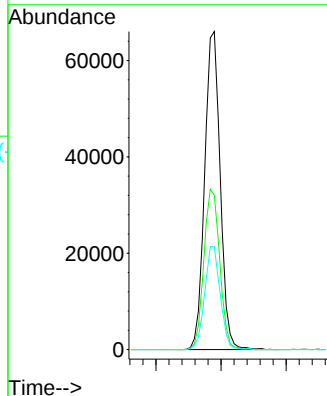
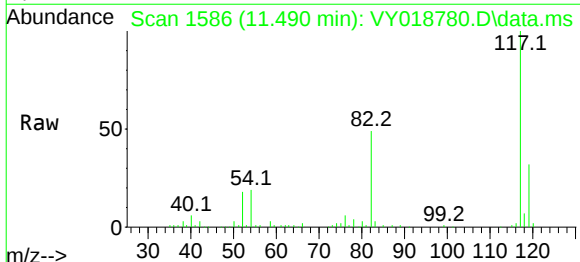
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MOO-23-00199

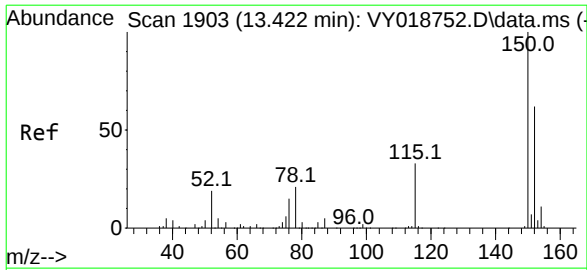
Tgt Ion:	95	Resp:	40161
Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	175.6
176	83.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018780.D
Acq: 11 Jul 2024 15:59

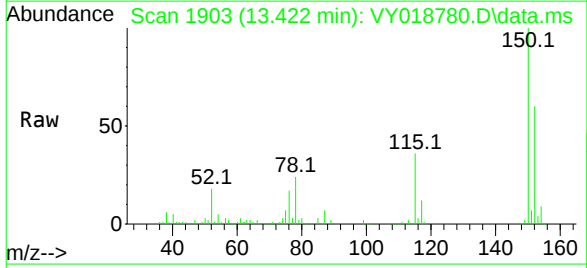
Tgt Ion:	117	Resp:	109540
Ion	Ratio	Lower	Upper
117	100		
82	48.6	42.4	63.6
119	32.3	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY018780.D
 Acq: 11 Jul 2024 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-23-00199



Tgt Ion:	152	Resp:	33765
Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.2	84.7
150	161.7	0.0	345.6

