

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018976.D
 Acq On : 09 Aug 2024 18:55
 Operator : SY/MD
 Sample : P3518-29
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-15-080724

Quant Time: Aug 09 23:31:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

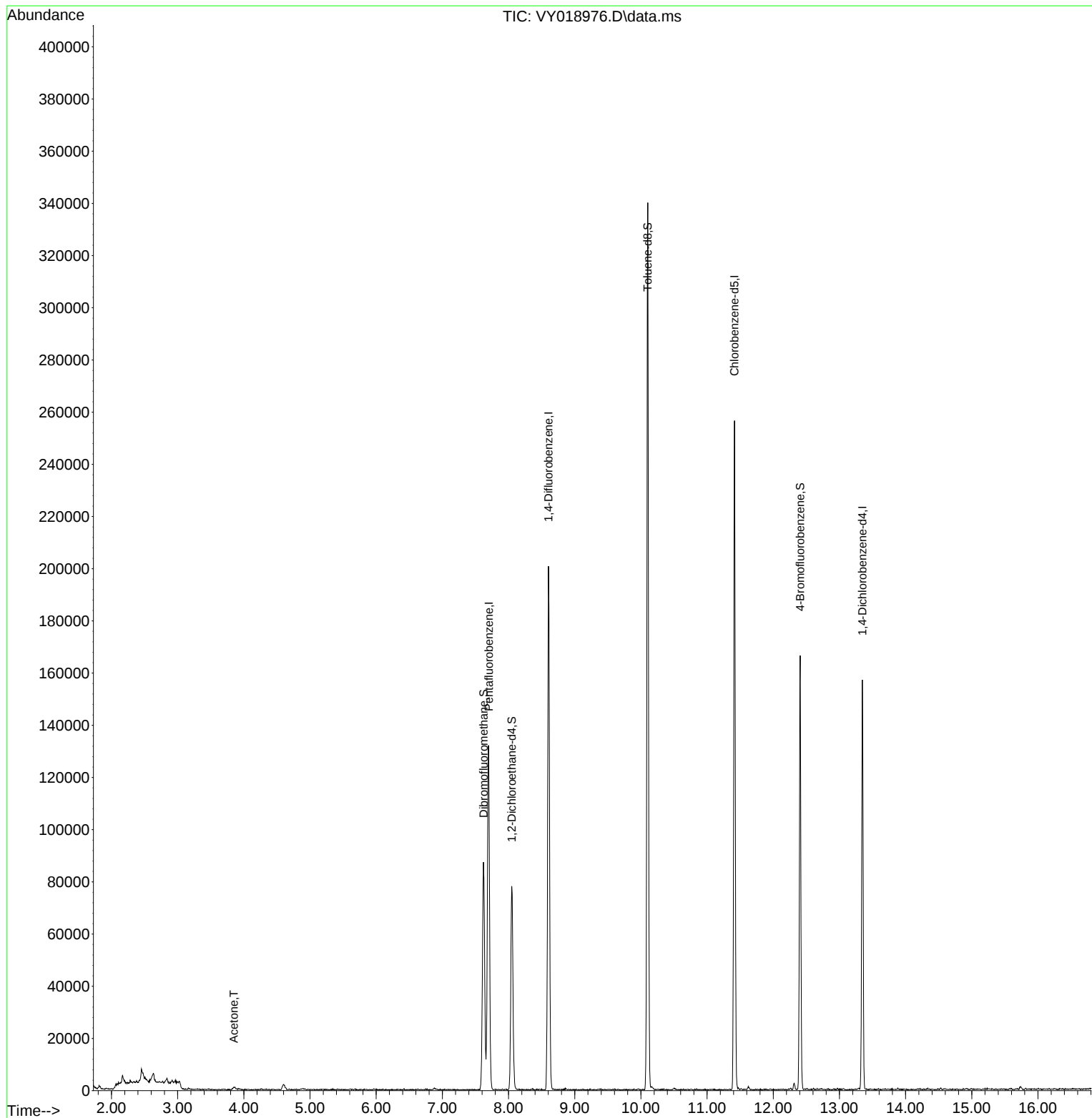
Internal Standards						
1) Pentafluorobenzene	7.701	168	105682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	167228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	122848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	49339	53.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.340%	
35) Dibromofluoromethane	7.622	113	54724	51.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.480%	
50) Toluene-d8	10.103	98	204221	49.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.408	95	40295	33.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 66.220%	
Target Compounds						
16) Acetone	3.848	43	1379	17.987	ug/l	Qvalue 89

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

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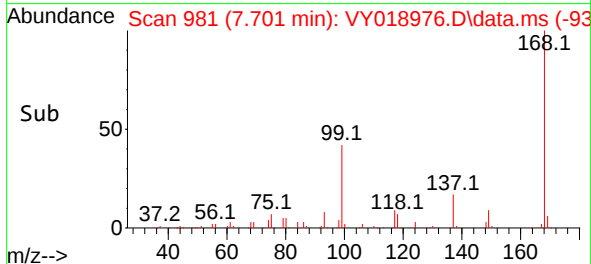
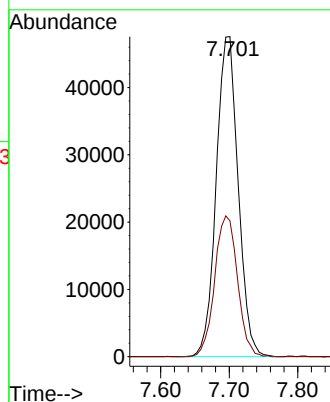
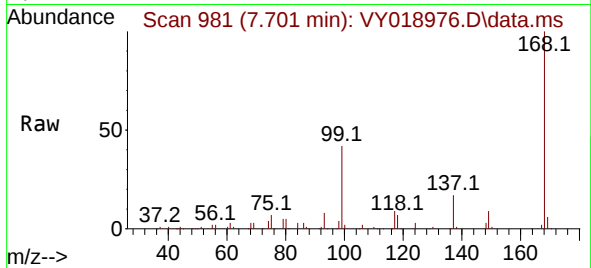




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

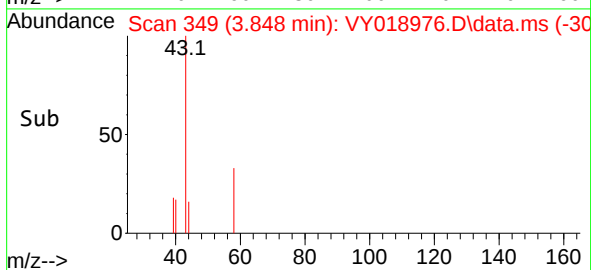
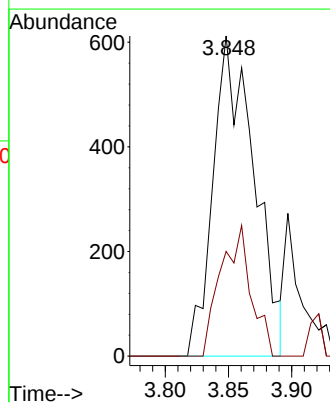
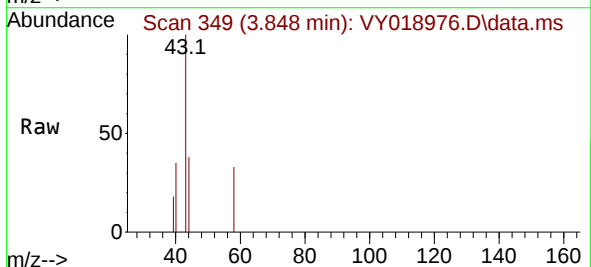
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-15-080724

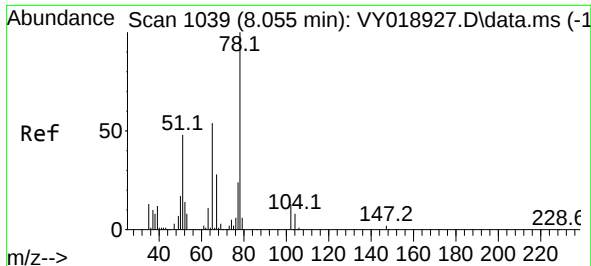
Tgt Ion:168 Resp: 105682
Ion Ratio Lower Upper
168 100
99 42.5 39.1 58.7



#16
Acetone
Concen: 17.987 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 32.7 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 53.174 ug/l

RT: 8.049 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY018976.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_Y

ClientSampleId :

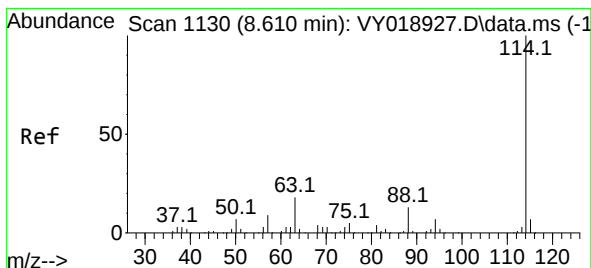
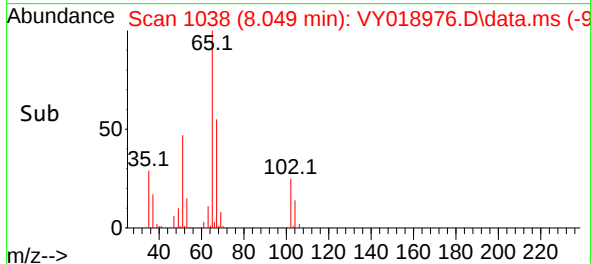
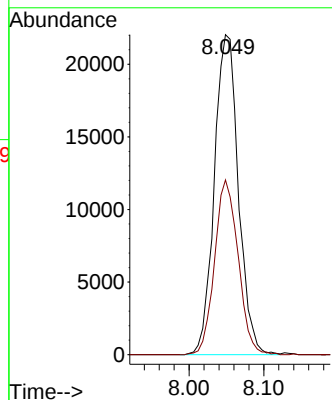
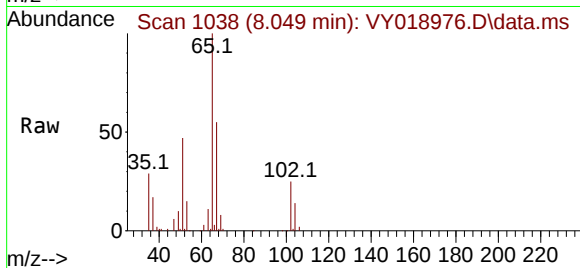
OU4-TS-15-080724

Tgt Ion: 65 Resp: 49339

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018976.D

Acq: 09 Aug 2024 18:55

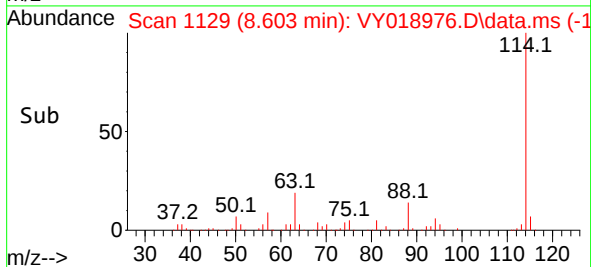
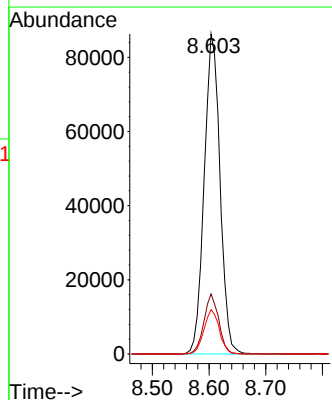
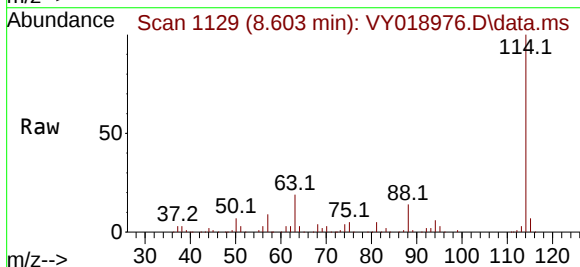
Tgt Ion: 114 Resp: 167228

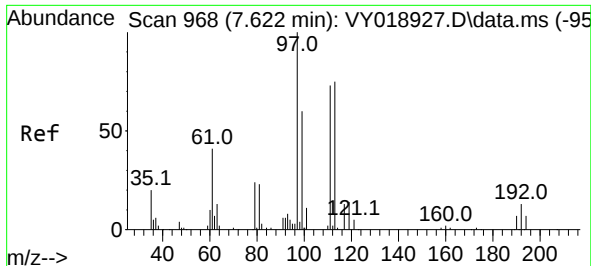
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 13.9 0.0 27.2

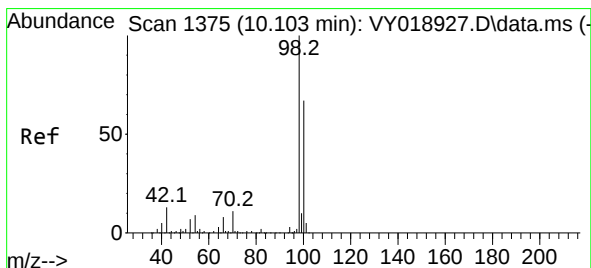
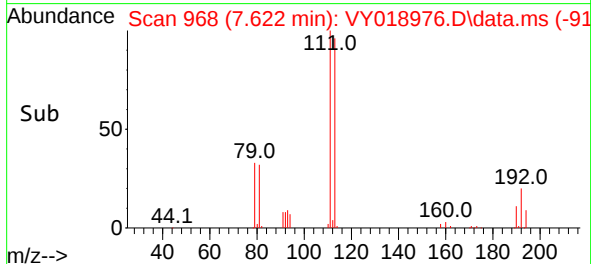
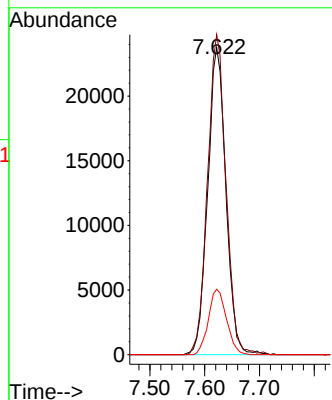
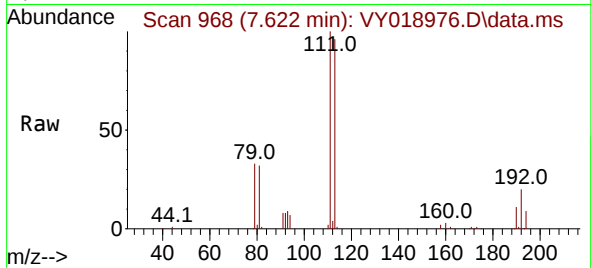




#35
Dibromofluoromethane
Concen: 51.237 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

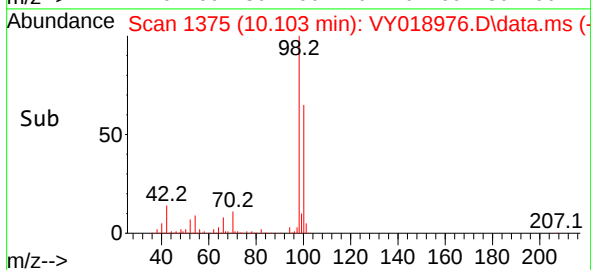
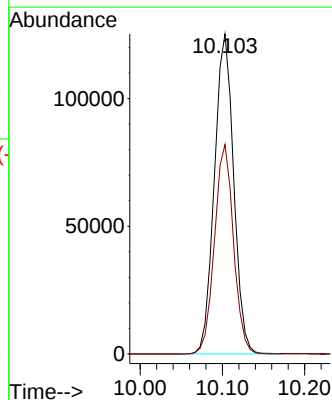
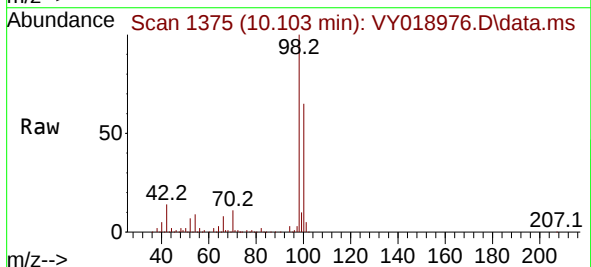
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-15-080724

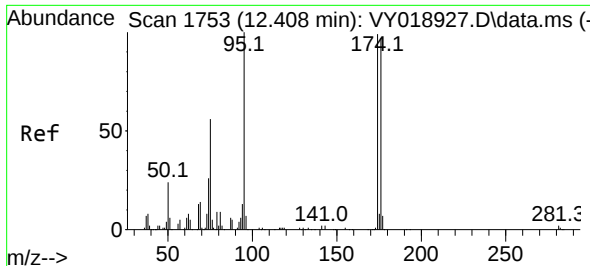
Tgt Ion:113 Resp: 54724
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 21.2 15.9 23.9



#50
Toluene-d8
Concen: 49.780 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 98 Resp: 204221
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

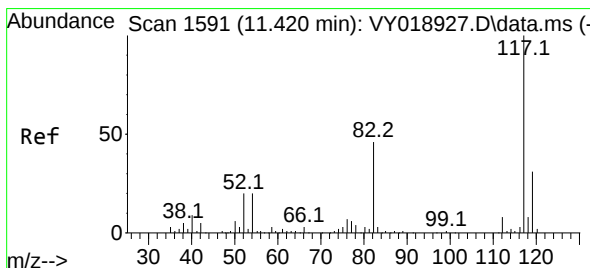
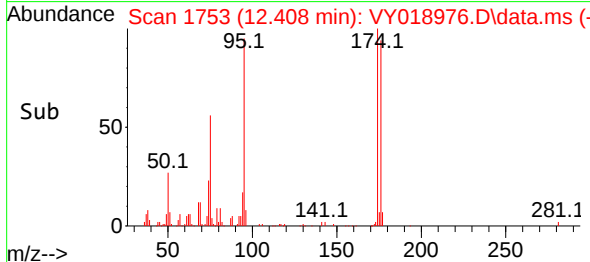
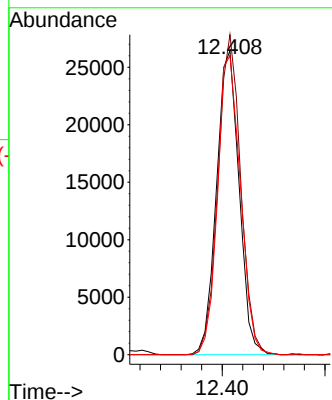
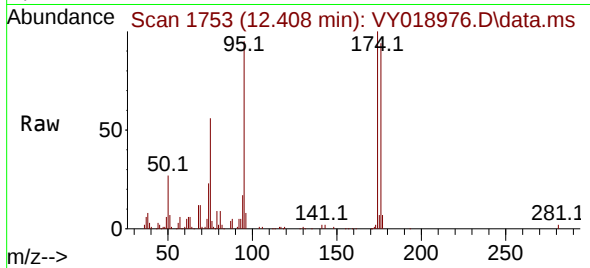




#62
4-Bromofluorobenzene
Concen: 33.107 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

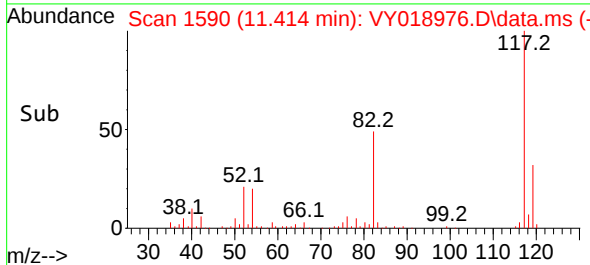
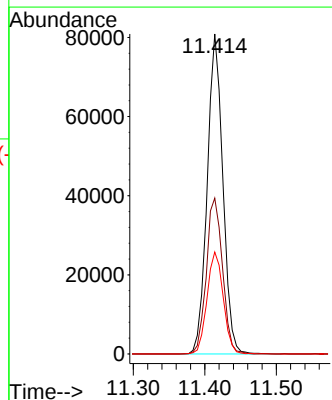
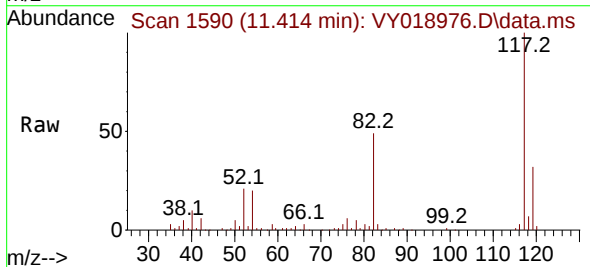
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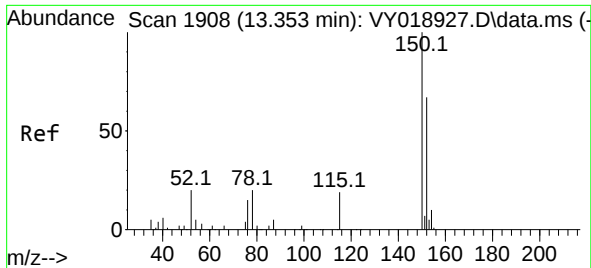
Tgt Ion:	95	Resp:	40295
Ion	Ratio	Lower	Upper
95	100		
174	105.4	0.0	175.6
176	99.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

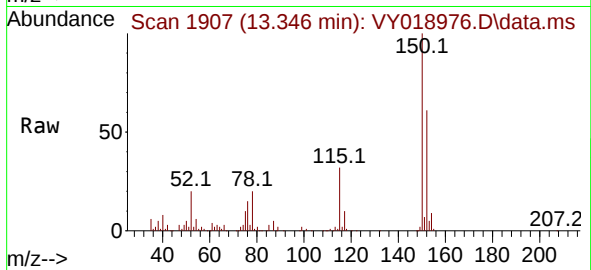
Tgt Ion:	117	Resp:	122848
Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.4	63.6
119	31.8	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY018976.D
 Acq: 09 Aug 2024 18:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-15-080724



Tgt Ion:	152	Resp:	36212
Ion	Ratio	Lower	Upper
152	100		
115	50.4	28.2	84.7
150	154.7	0.0	345.6

