

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019601.D
 Acq On : 18 Sep 2024 13:24
 Operator : SY/MD
 Sample : P4086-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL

Quant Time: Sep 19 01:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

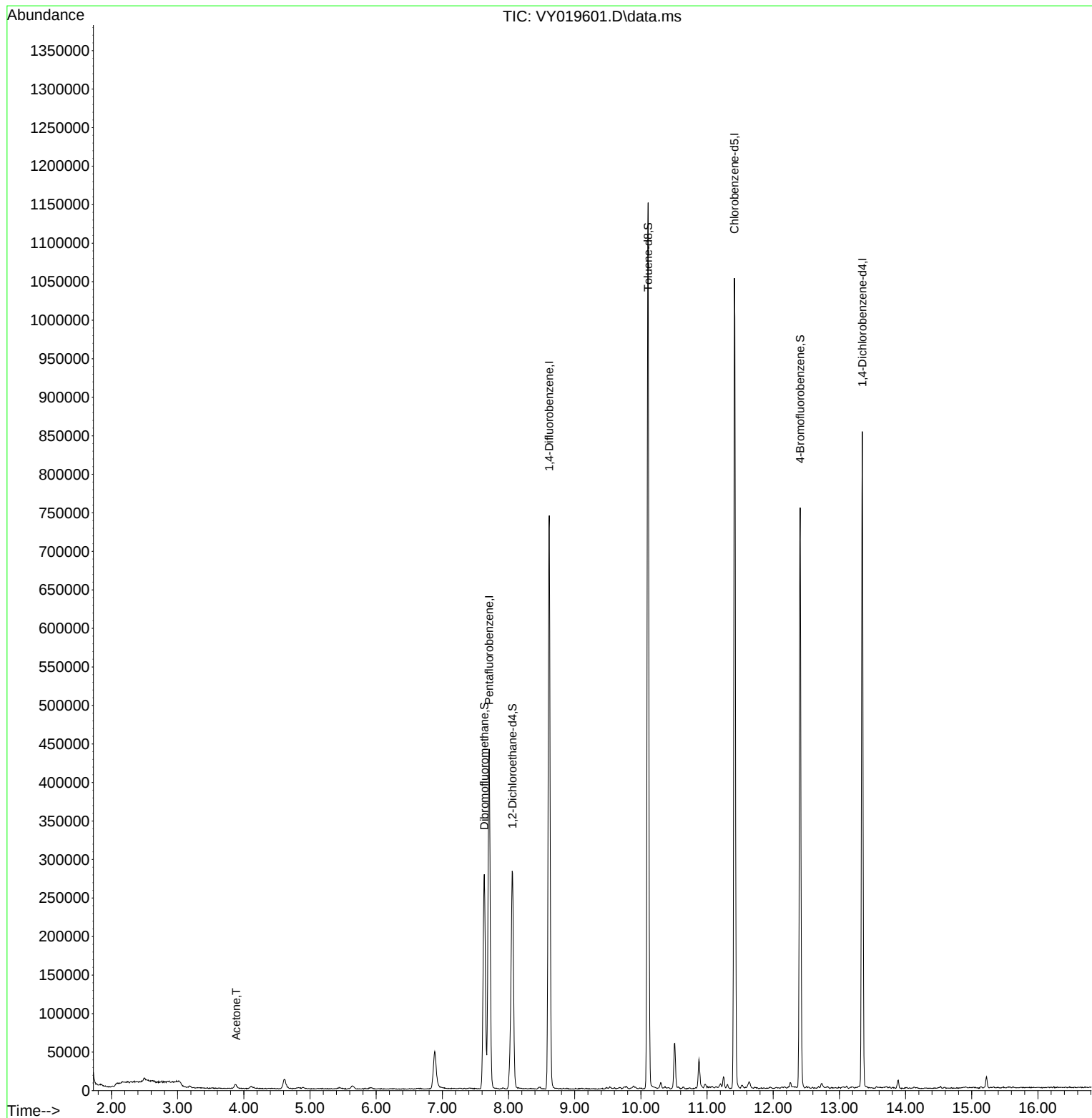
Internal Standards						
1) Pentafluorobenzene	7.707	168	324428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	624868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	549976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	204111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	199680	66.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.940%
35) Dibromofluoromethane	7.634	113	197614	55.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.560%
50) Toluene-d8	10.109	98	741577	56.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.180%
62) 4-Bromofluorobenzene	12.408	95	236025	46.842	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.680%
Target Compounds						
16) Acetone	3.885	43	10423	14.564	ug/l	# 80

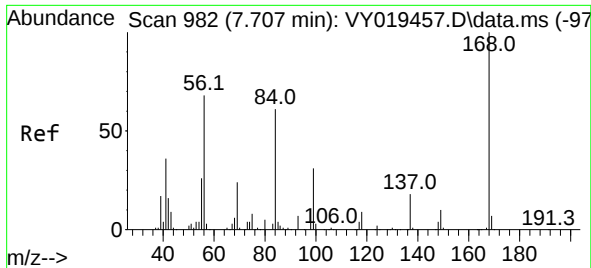
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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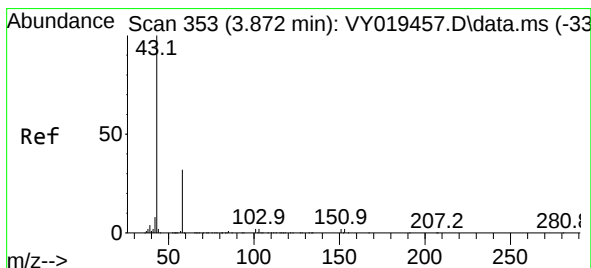
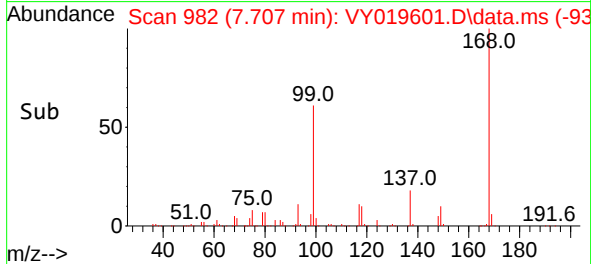
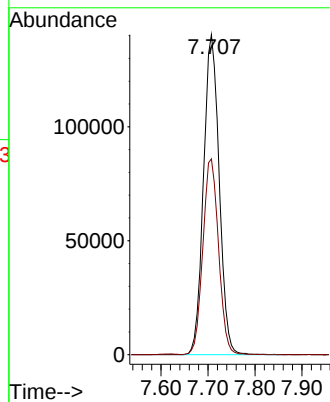
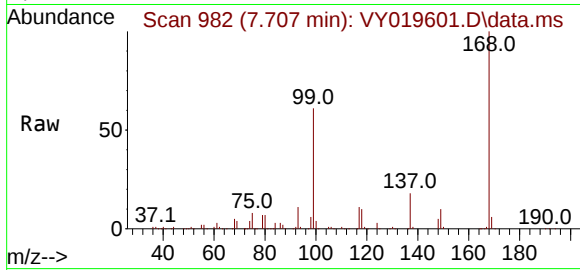




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

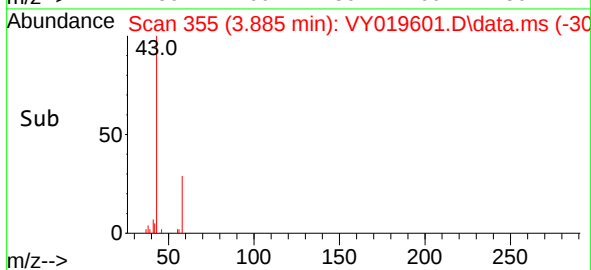
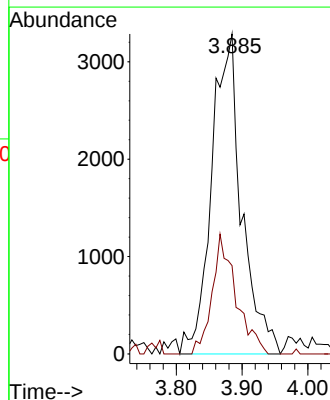
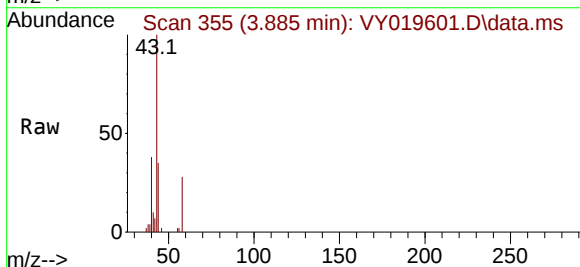
Instrument :
MSVOA_Y
ClientSampleId :
SOIL

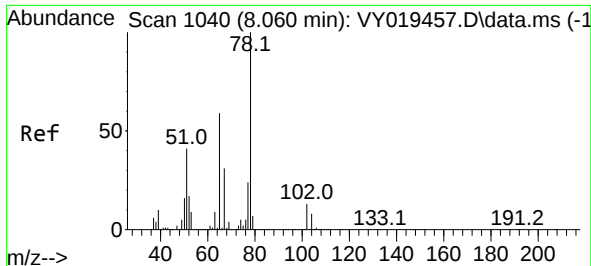
Tgt Ion:168 Resp: 324428
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#16
Acetone
Concen: 14.564 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.013 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

Tgt Ion: 43 Resp: 10423
Ion Ratio Lower Upper
43 100
58 27.6 31.7 47.5#

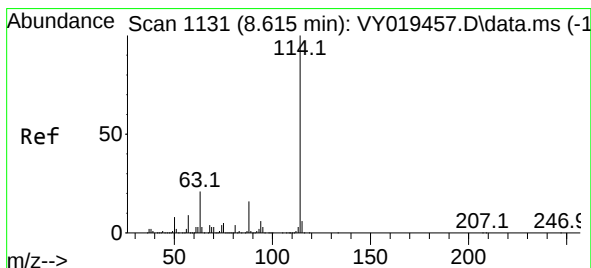
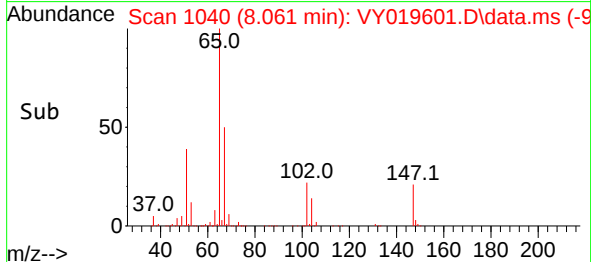
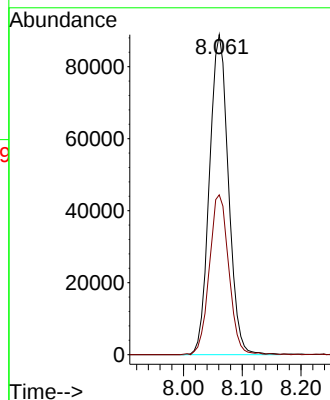
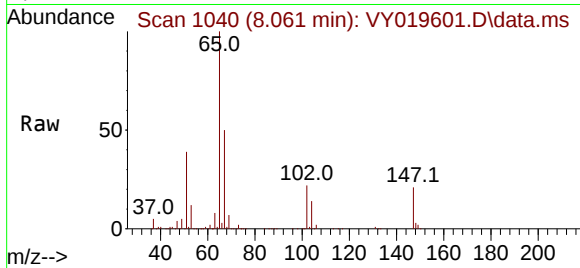




#33
 1,2-Dichloroethane-d4
 Concen: 66.468 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY019601.D
 Acq: 18 Sep 2024 13:24

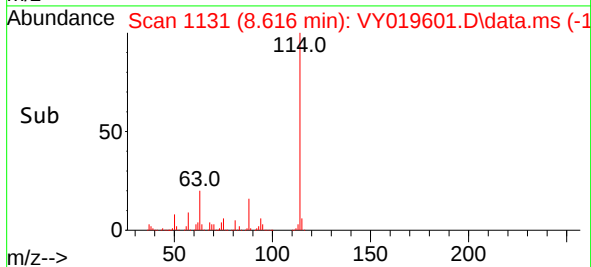
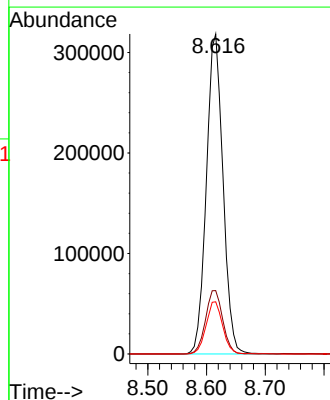
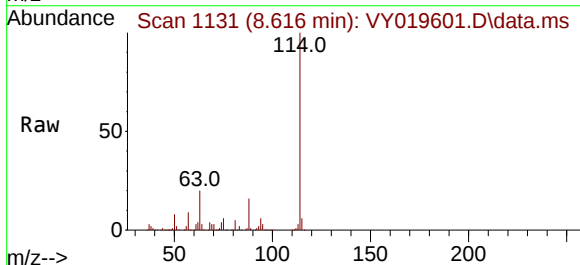
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL

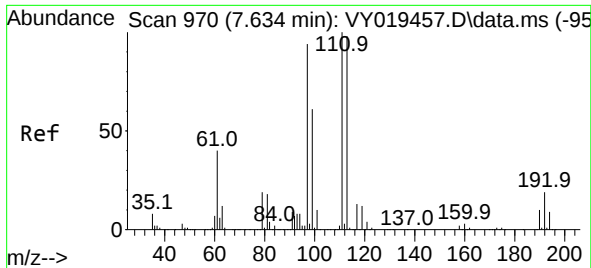
Tgt Ion: 65 Resp: 199680
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019601.D
 Acq: 18 Sep 2024 13:24

Tgt Ion: 114 Resp: 624868
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 35.0
 88 16.3 0.0 27.2

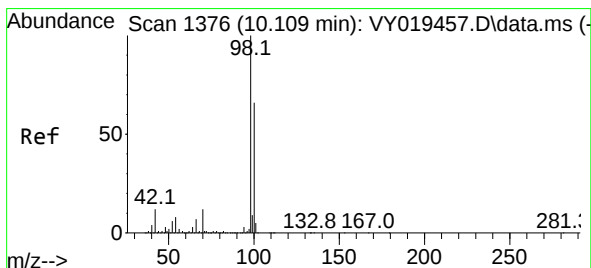
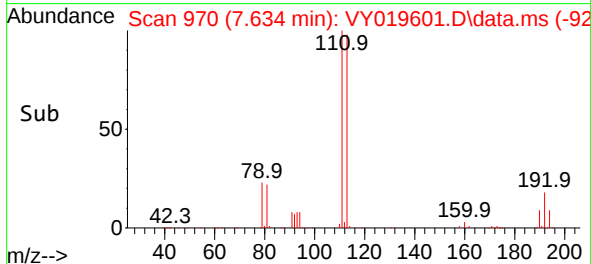
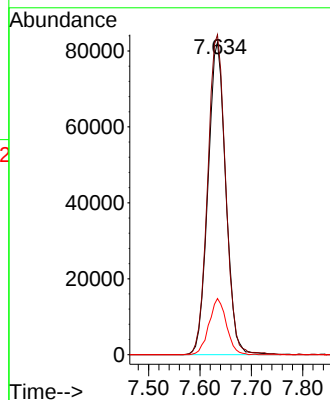
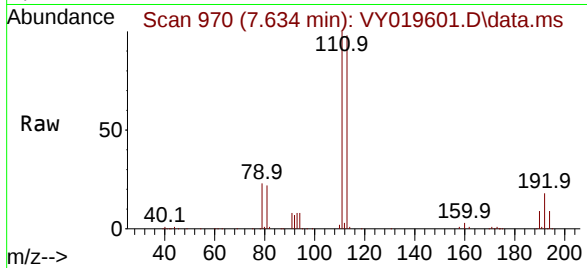




#35
Dibromofluoromethane
Concen: 55.778 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

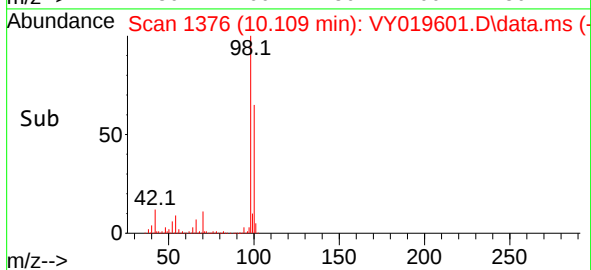
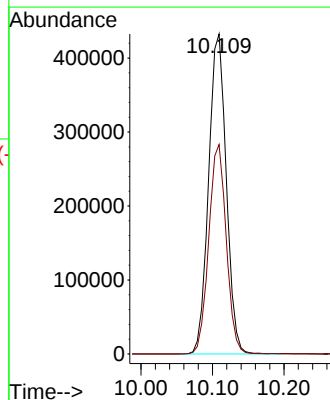
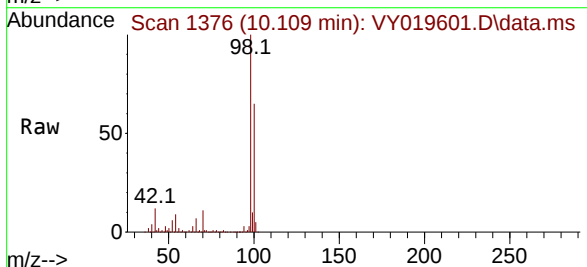
Instrument :
MSVOA_Y
ClientSampleId :
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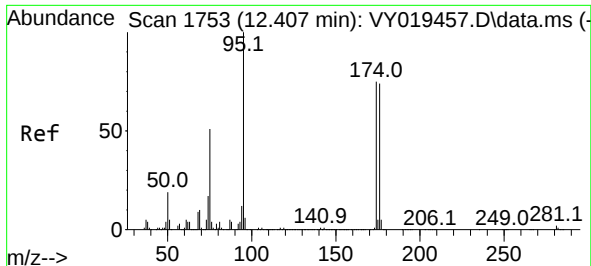
Tgt Ion:113 Resp: 197614
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 17.6 15.9 23.9



#50
Toluene-d8
Concen: 56.590 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

Tgt Ion: 98 Resp: 741577
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

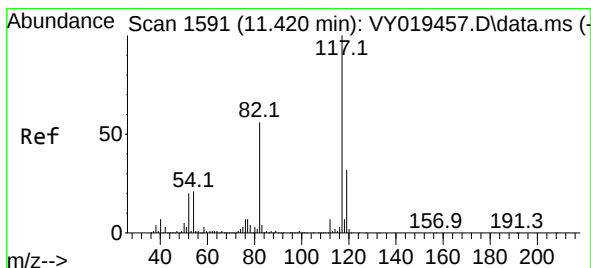
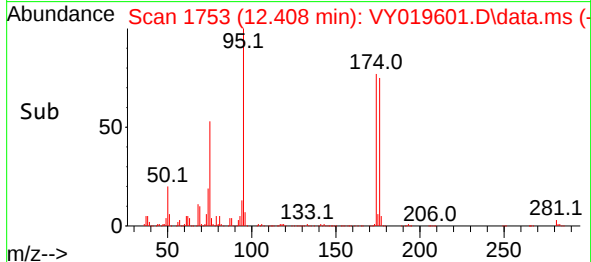
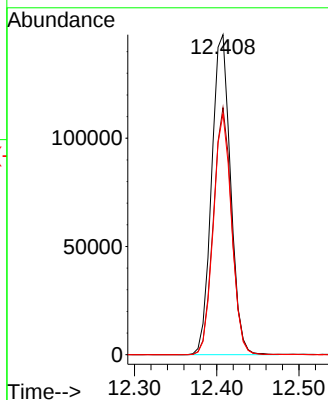
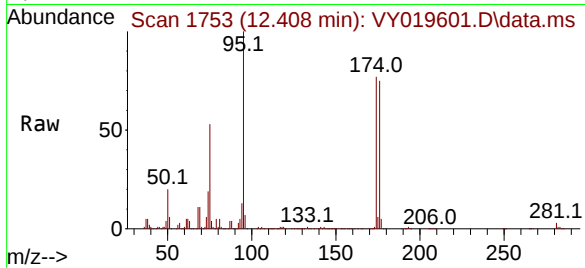




#62
4-Bromofluorobenzene
Concen: 46.842 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

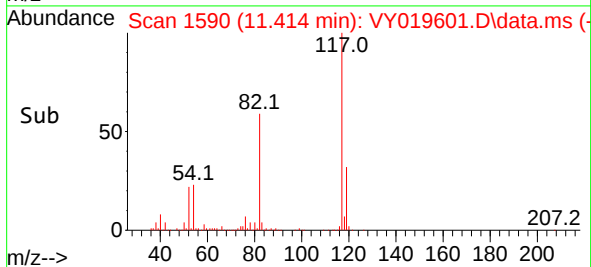
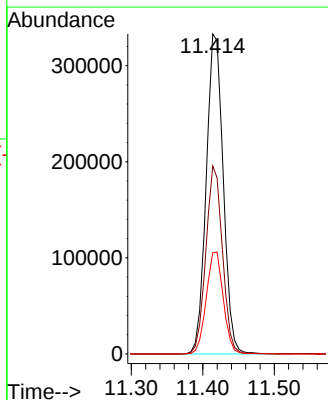
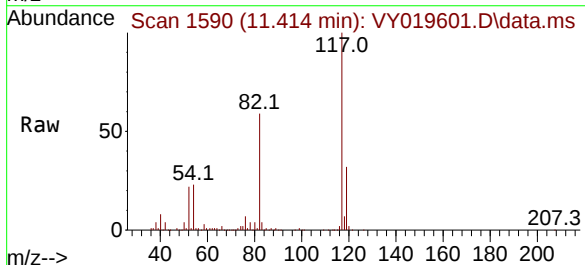
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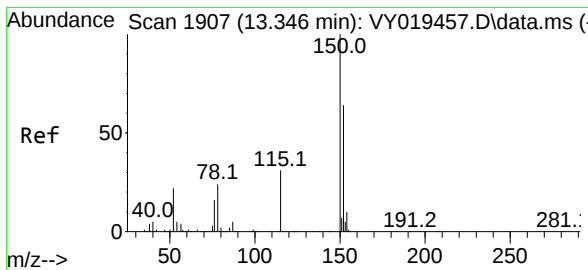
Tgt Ion: 95 Resp: 236025
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 72.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019601.D
Acq: 18 Sep 2024 13:24

Tgt Ion: 117 Resp: 549976
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 31.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019601.D
 Acq: 18 Sep 2024 13:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL

Tgt Ion:	152	Resp:	204111
Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.2	84.7
150	155.5	0.0	345.6

