

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020060.D
 Acq On : 29 Oct 2024 14:49
 Operator : SY/MD
 Sample : P4561-07RE
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-18-VOCRE

Quant Time: Oct 30 01:25:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

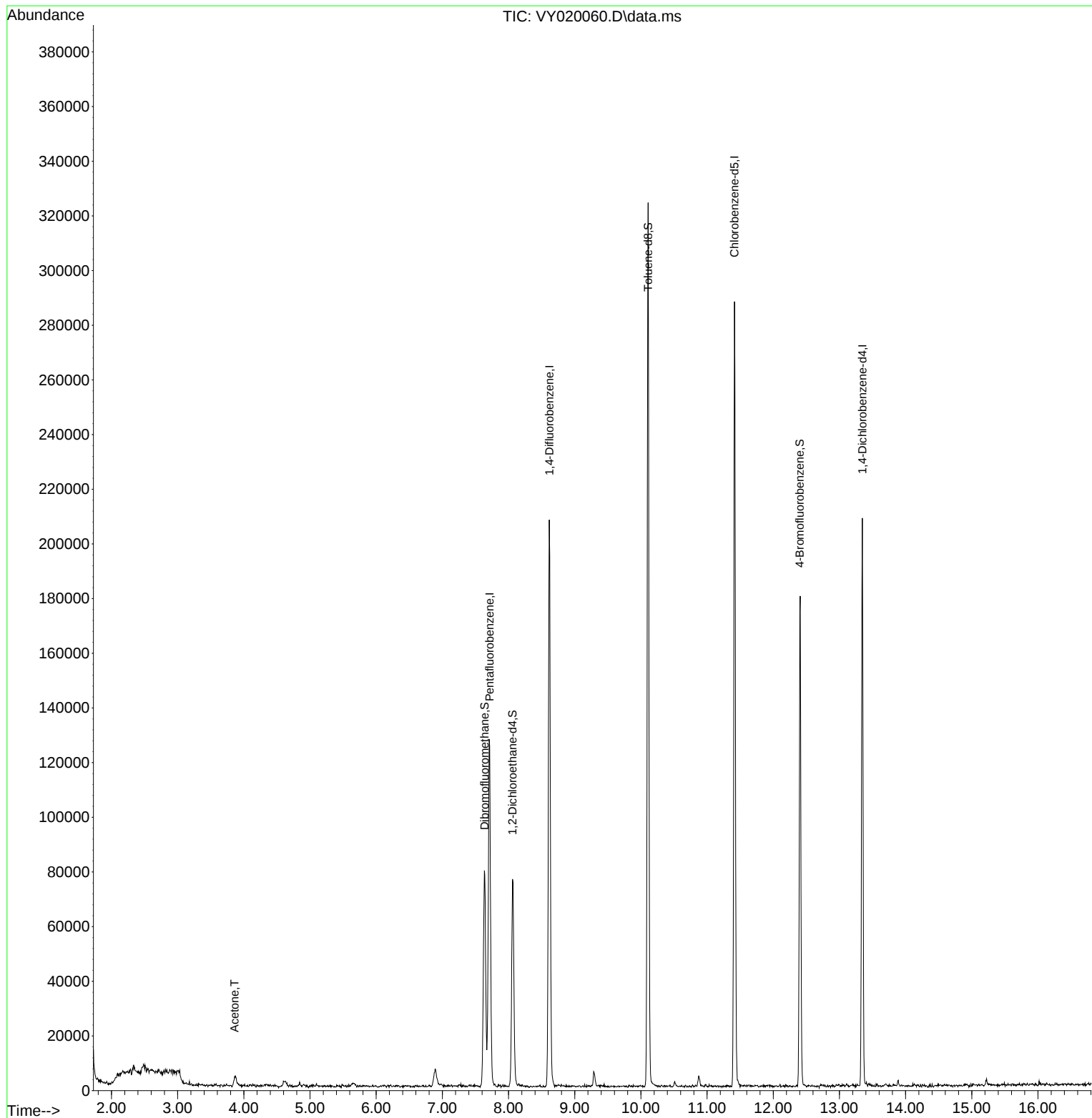
Internal Standards						
1) Pentafluorobenzene	7.713	168	86413	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	165704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	140478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	44618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	58696	55.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.340%
35) Dibromofluoromethane	7.640	113	55514	50.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.540%
50) Toluene-d8	10.109	98	200339	49.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.402	95	54140	37.106	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.220%
Target Compounds						
16) Acetone	3.860	43	6022	21.742	ug/l	Qvalue 95

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

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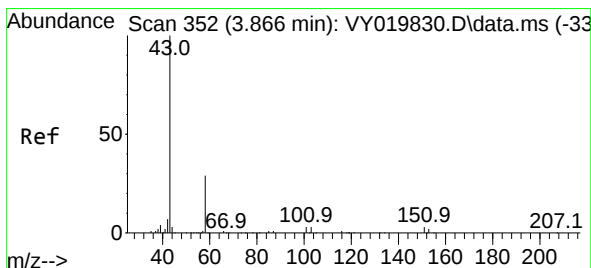
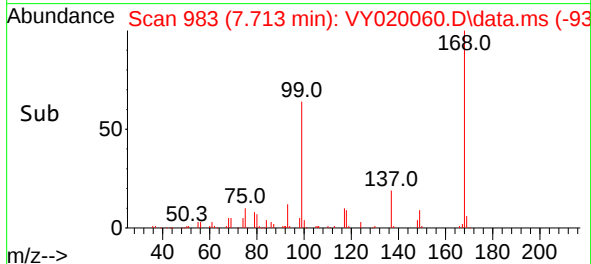
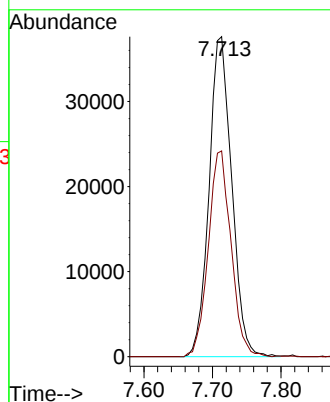
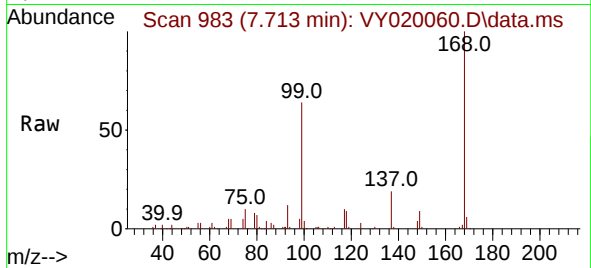




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

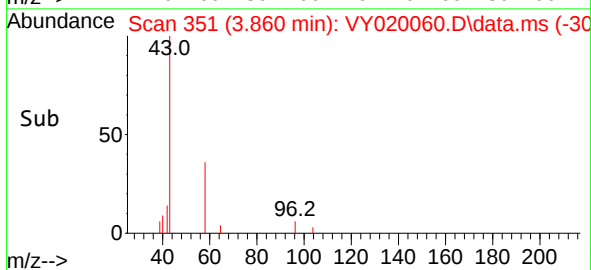
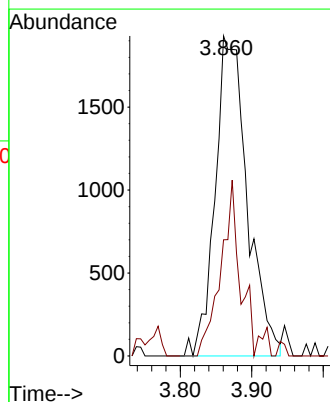
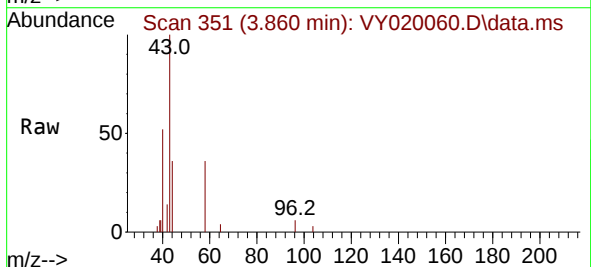
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-18-VOCRE

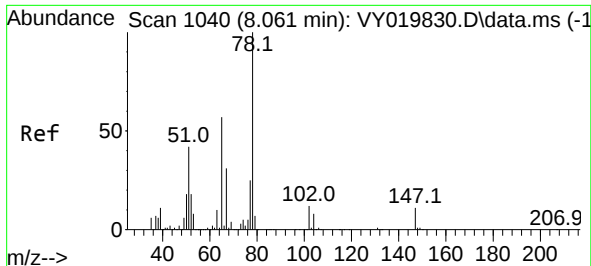
Tgt Ion:168 Resp: 86413
Ion Ratio Lower Upper
168 100
99 64.3 39.1 58.7#



#16
Acetone
Concen: 21.742 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

Tgt Ion: 43 Resp: 6022
Ion Ratio Lower Upper
43 100
58 36.3 31.7 47.5

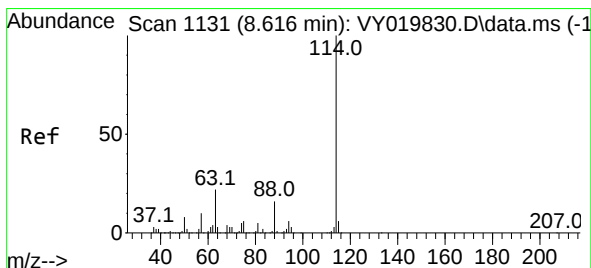
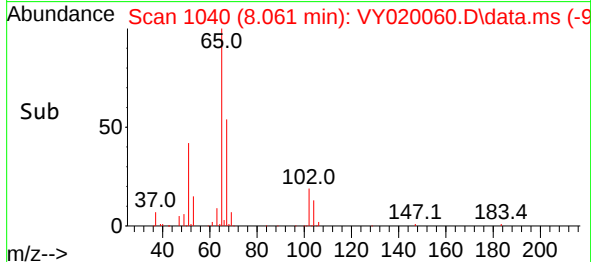
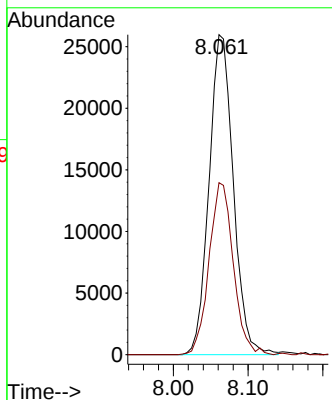
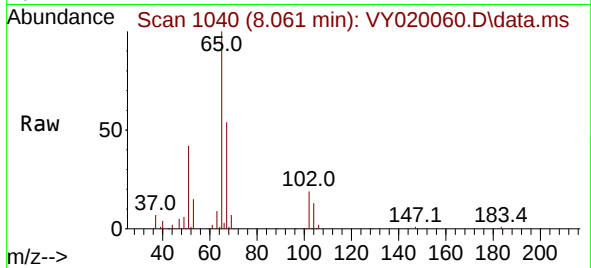




#33
 1,2-Dichloroethane-d4
 Concen: 55.165 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020060.D
 Acq: 29 Oct 2024 14:49

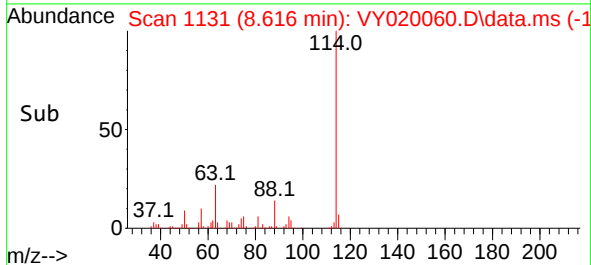
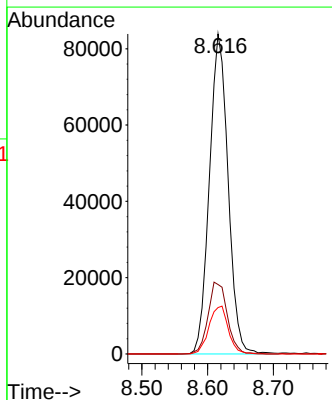
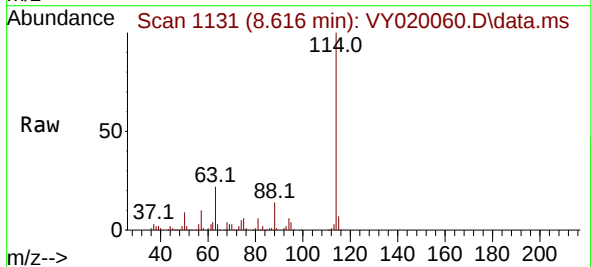
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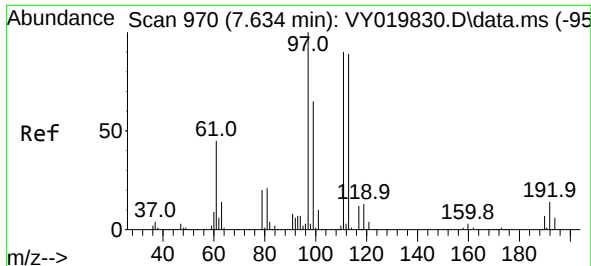
Tgt Ion: 65 Resp: 58696
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020060.D
 Acq: 29 Oct 2024 14:49

Tgt Ion: 114 Resp: 165704
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 35.0
 88 14.5 0.0 27.2

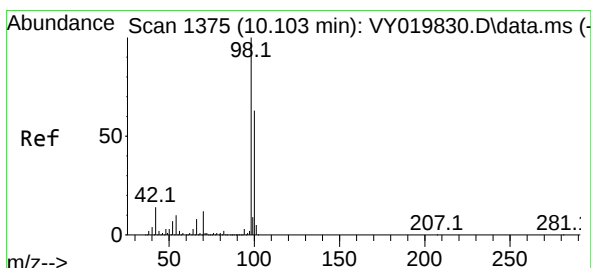
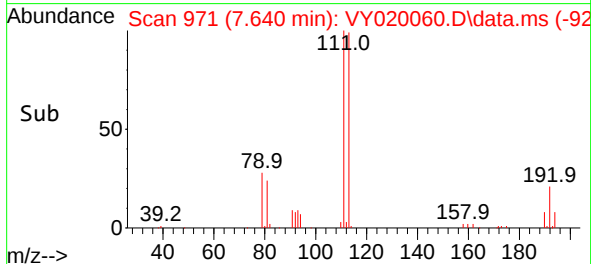
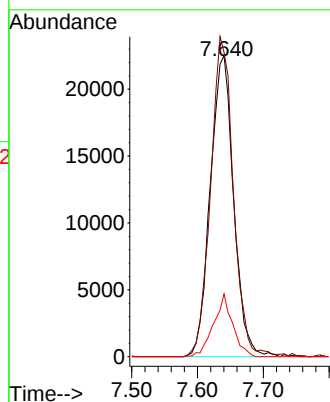
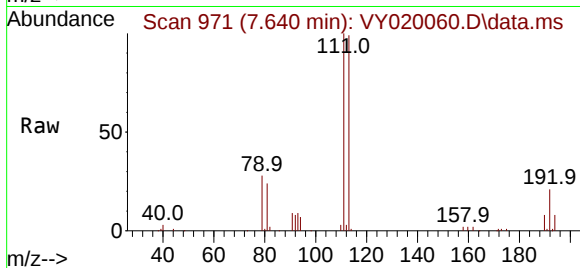




#35
Dibromofluoromethane
Concen: 50.769 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

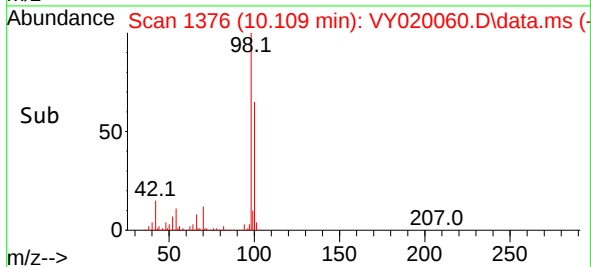
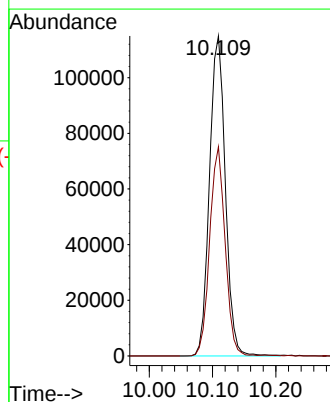
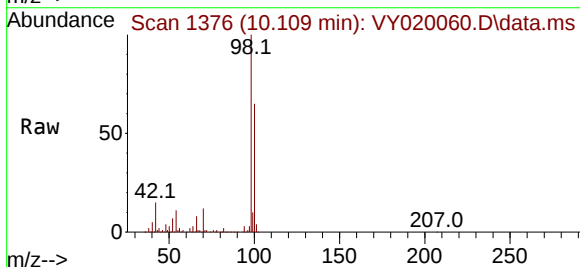
Instrument :
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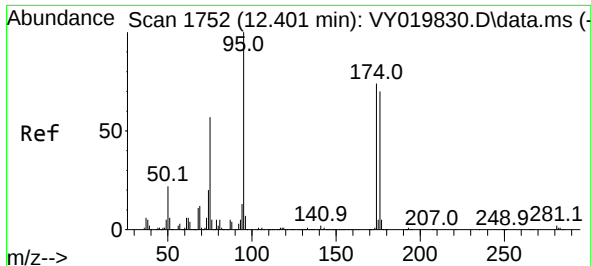
Tgt Ion:113 Resp: 55514
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.0 15.9 23.9



#50
Toluene-d8
Concen: 49.613 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

Tgt Ion: 98 Resp: 200339
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

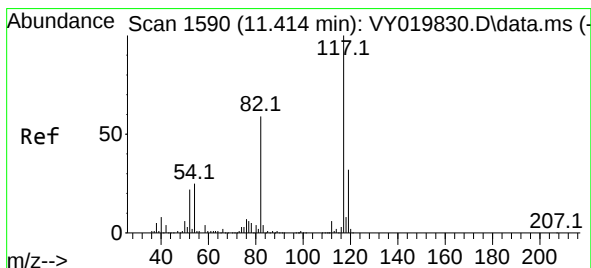
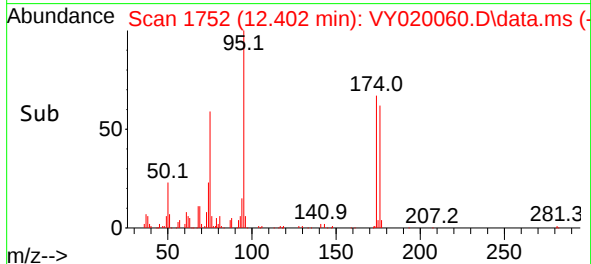
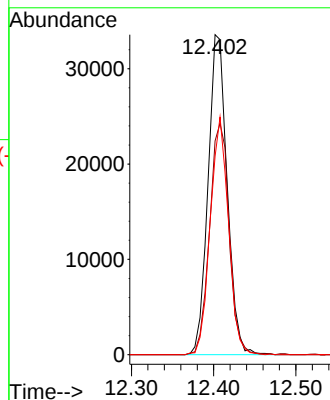
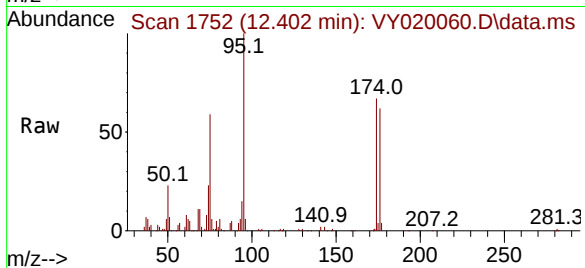




#62
4-Bromofluorobenzene
Concen: 37.106 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

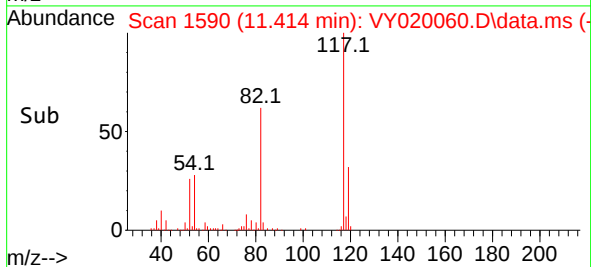
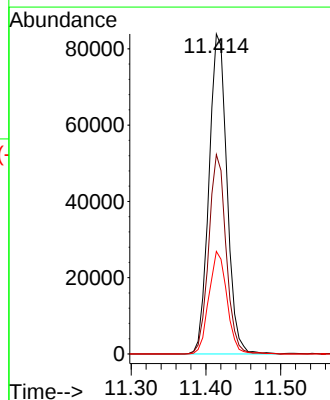
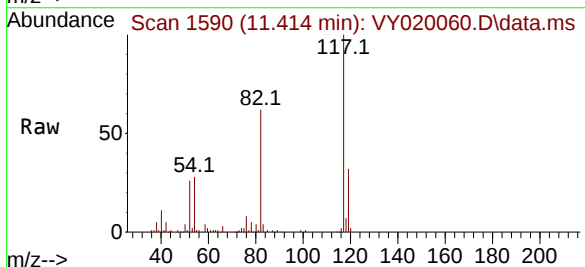
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BP-F-18-VOCRE

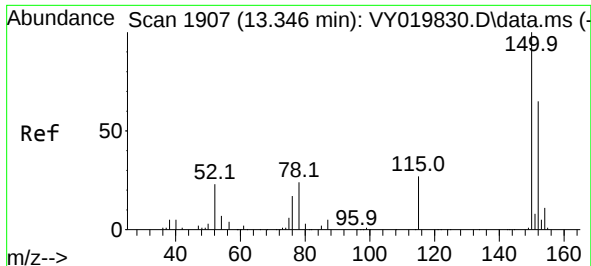
Tgt Ion: 95 Resp: 54140
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 71.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020060.D
Acq: 29 Oct 2024 14:49

Tgt Ion: 117 Resp: 140478
Ion Ratio Lower Upper
117 100
82 62.3 42.4 63.6
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020060.D

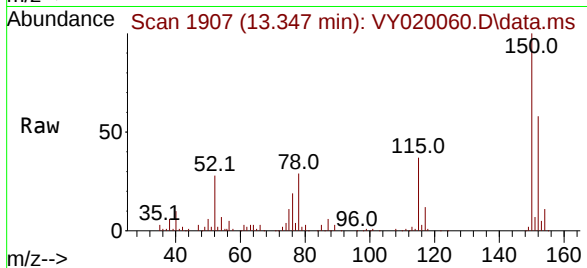
Acq: 29 Oct 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-18-VOCRE



Tgt Ion:152 Resp: 44618

Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 161.7 0.0 345.6

