

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019976.D
 Acq On : 22 Oct 2024 13:13
 Operator : SY/MD
 Sample : P4472-06
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-6-VOC

Quant Time: Oct 23 01:28:23 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)

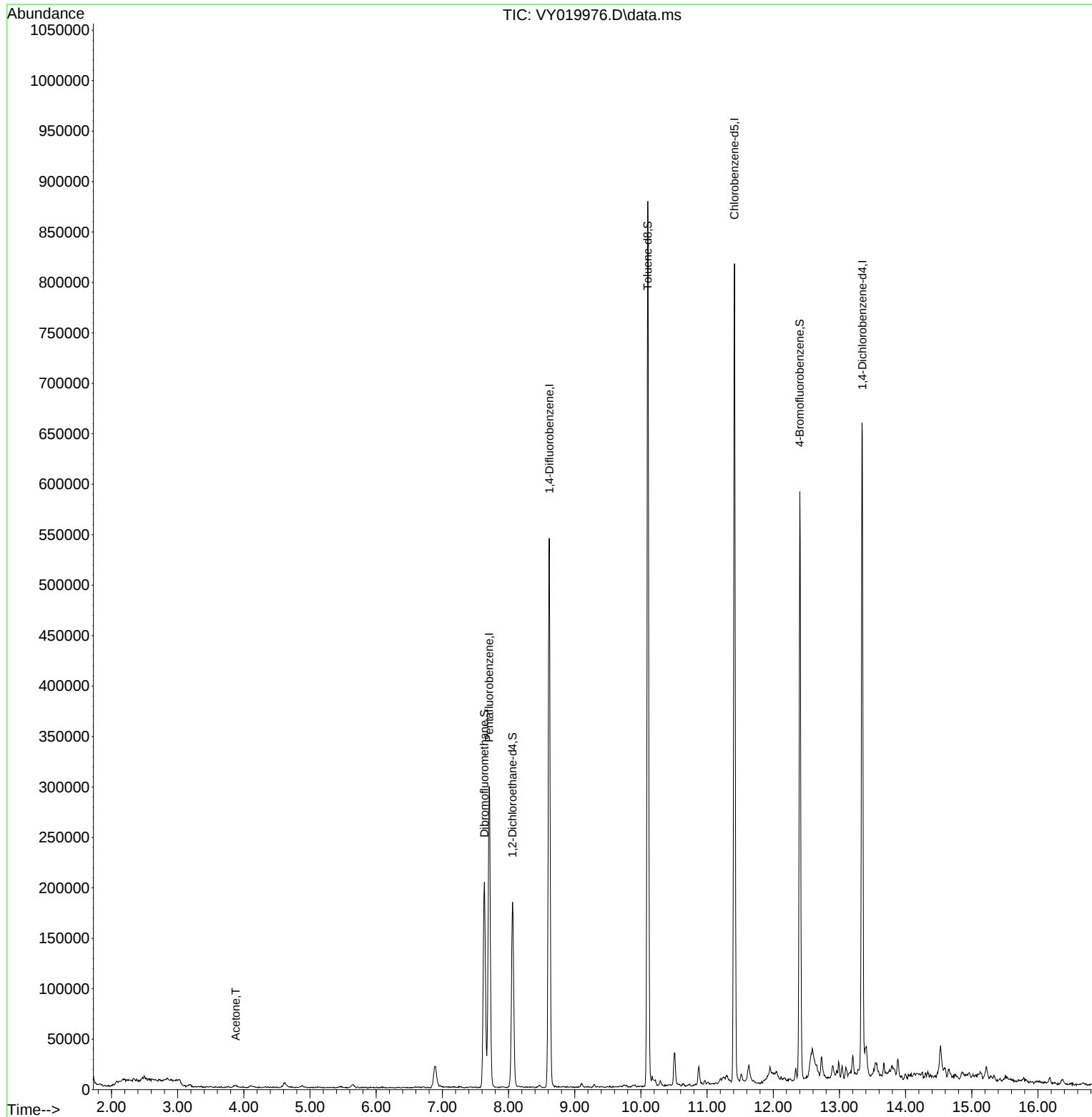
Internal Standards						
1) Pentafluorobenzene	7.707	168	207508	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	430352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	149715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143422	56.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.260%
35) Dibromofluoromethane	7.634	113	140497	49.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.103	98	535215	51.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.080%
62) 4-Bromofluorobenzene	12.401	95	169428	44.712	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.420%
Target Compounds						
16) Acetone	3.879	43	4157	6.250	ug/l	# 76

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

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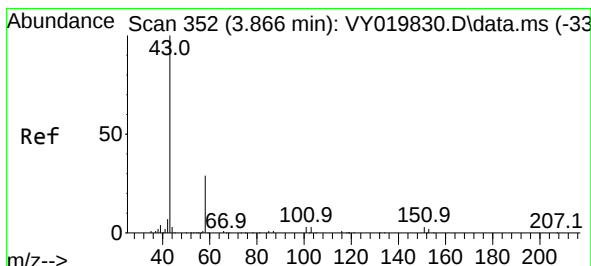
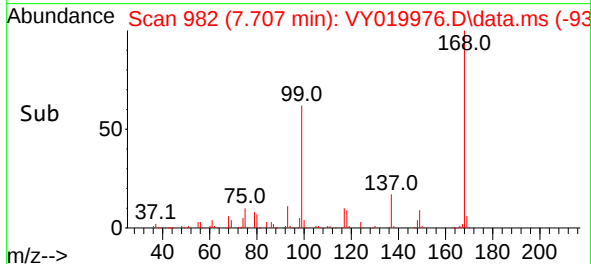
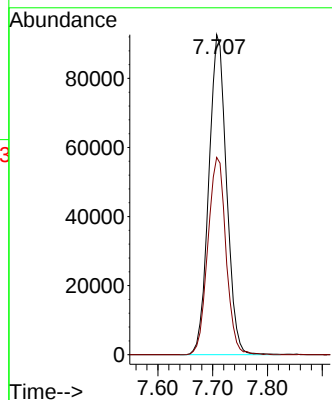
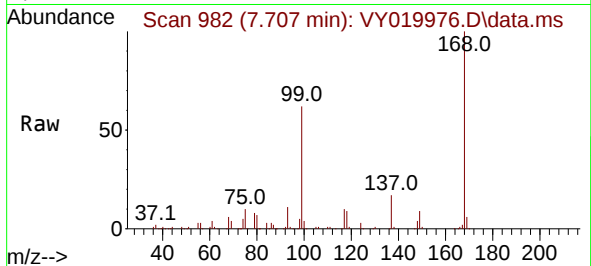




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

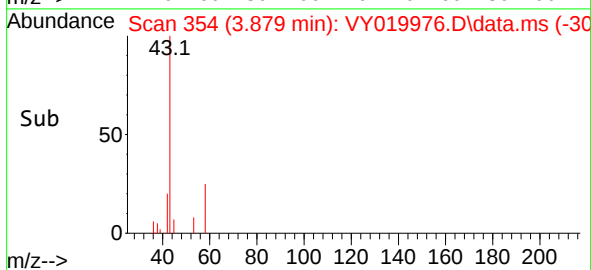
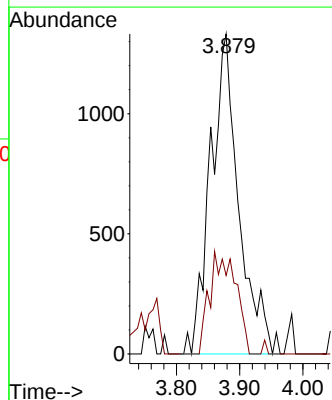
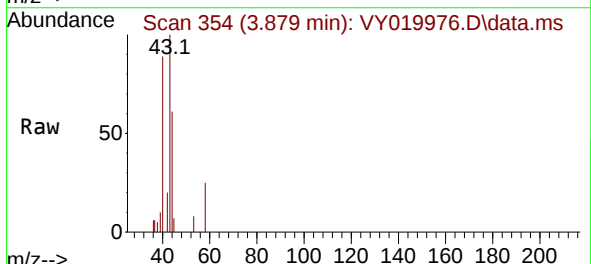
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-6-VOC

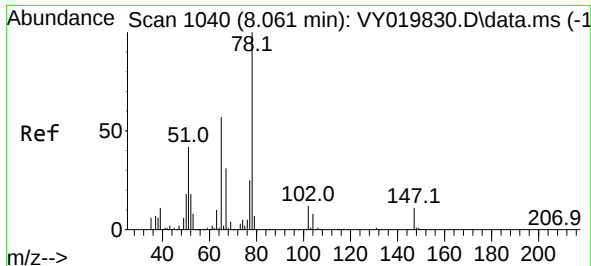
Tgt Ion:168 Resp: 207508
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#16
Acetone
Concen: 6.250 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

Tgt Ion: 43 Resp: 4157
Ion Ratio Lower Upper
43 100
58 24.5 31.7 47.5#

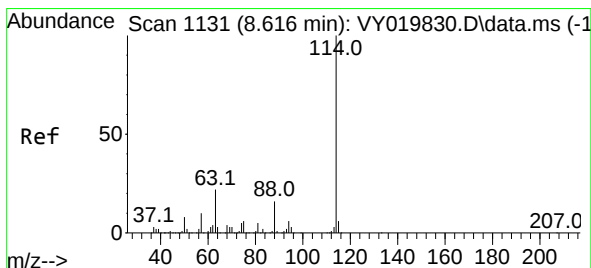
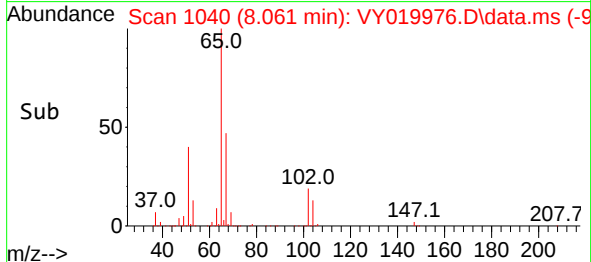
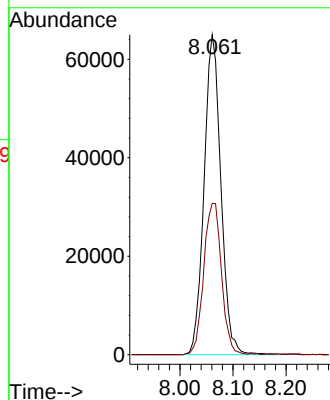
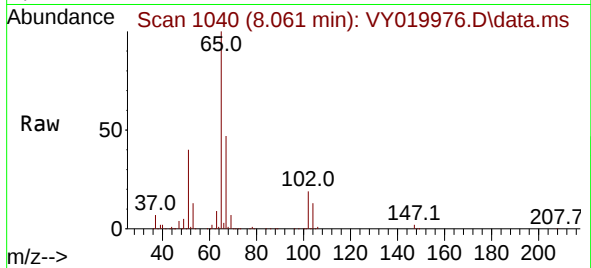




#33
 1,2-Dichloroethane-d4
 Concen: 56.133 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY019976.D
 Acq: 22 Oct 2024 13:13

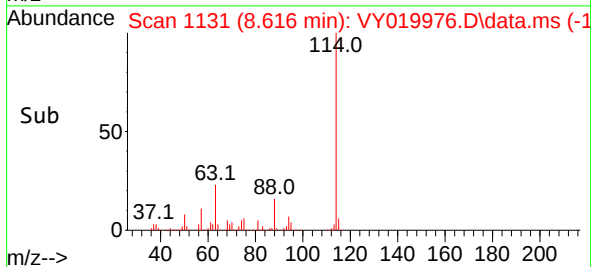
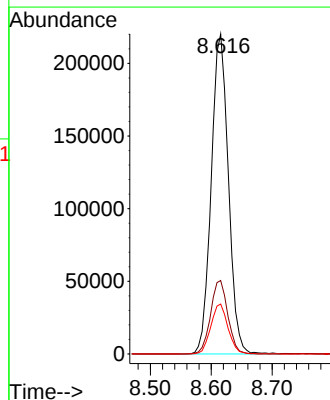
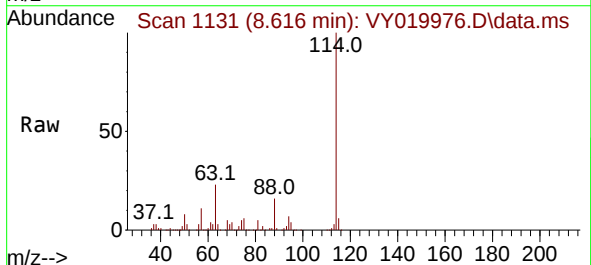
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-6-VOC

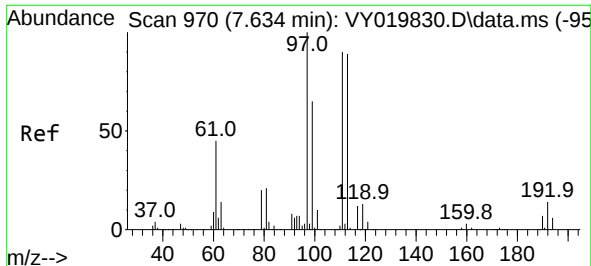
Tgt Ion: 65 Resp: 143422
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019976.D
 Acq: 22 Oct 2024 13:13

Tgt Ion: 114 Resp: 430352
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 35.0
 88 15.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.473 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019976.D

Acq: 22 Oct 2024 13:13

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-6-VOC

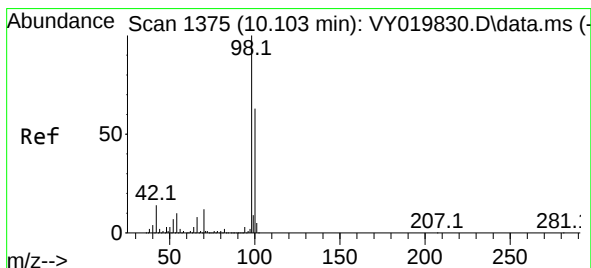
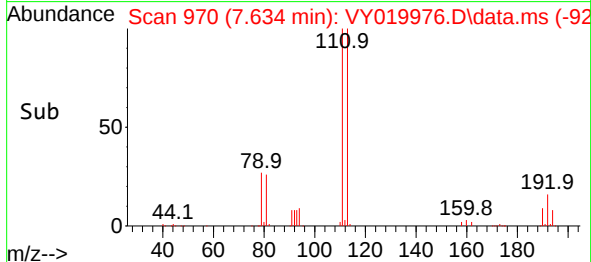
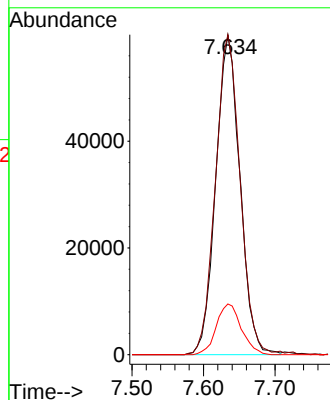
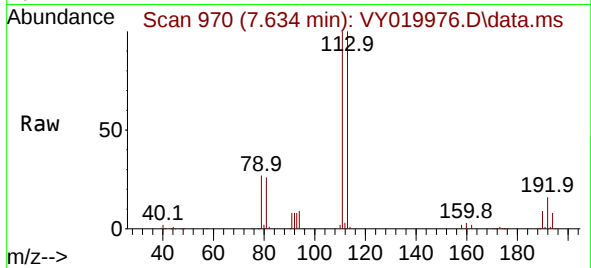
Tgt Ion:113 Resp: 140497

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 16.4 15.9 23.9



#50

Toluene-d8

Concen: 51.035 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019976.D

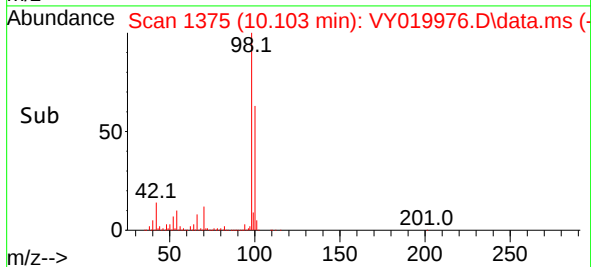
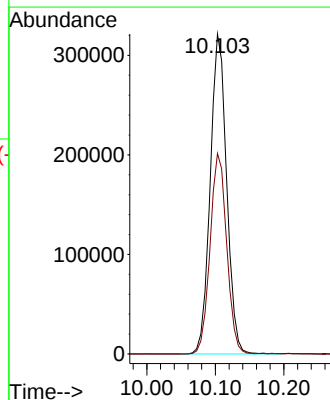
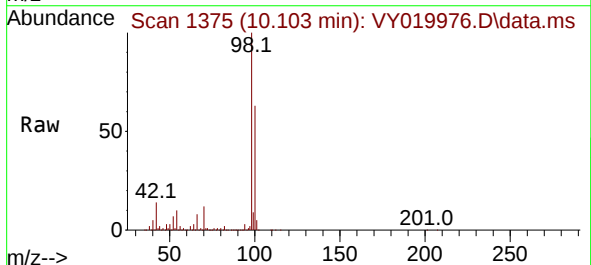
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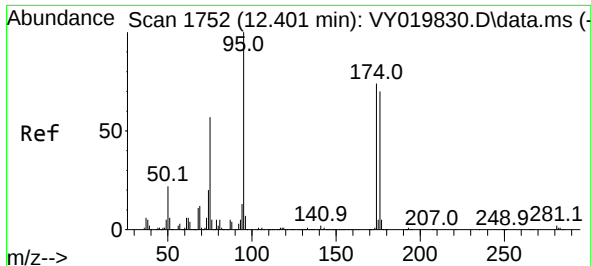
Tgt Ion: 98 Resp: 535215

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

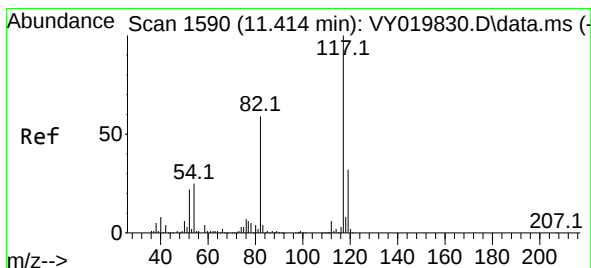
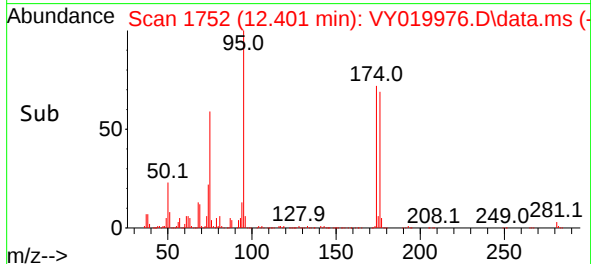
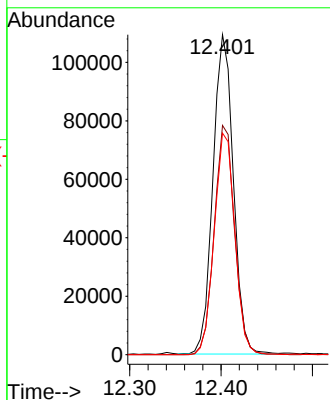
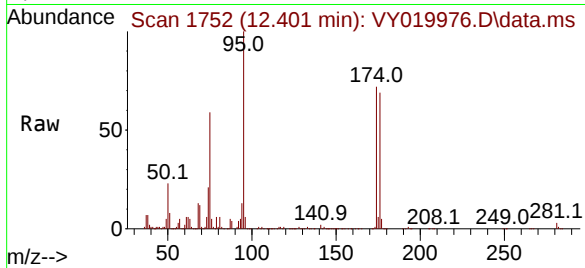




#62
4-Bromofluorobenzene
Concen: 44.712 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

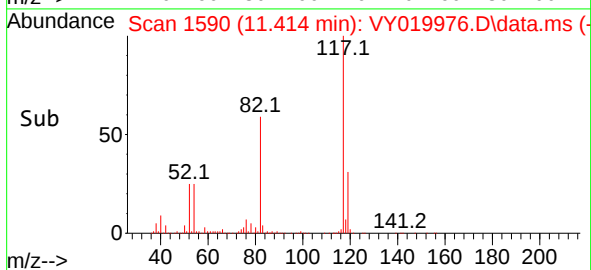
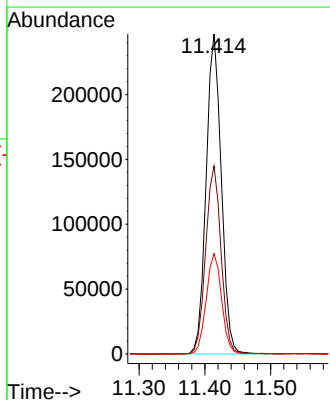
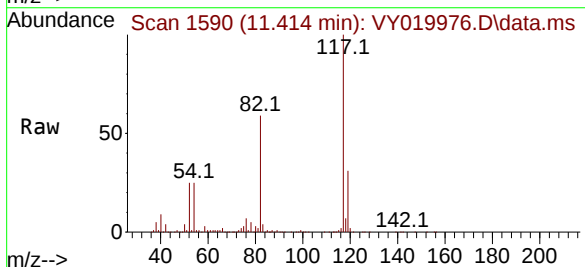
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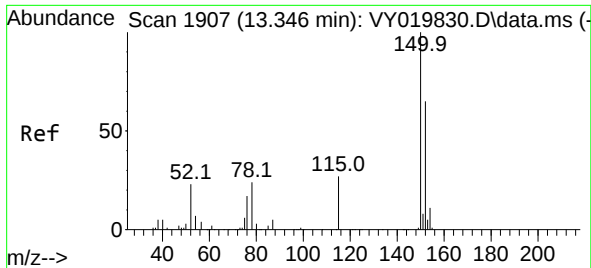
Tgt Ion: 95 Resp: 169428
Ion Ratio Lower Upper
95 100
174 72.0 0.0 175.6
176 70.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019976.D
Acq: 22 Oct 2024 13:13

Tgt Ion: 117 Resp: 394994
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.3 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: VY019976.D

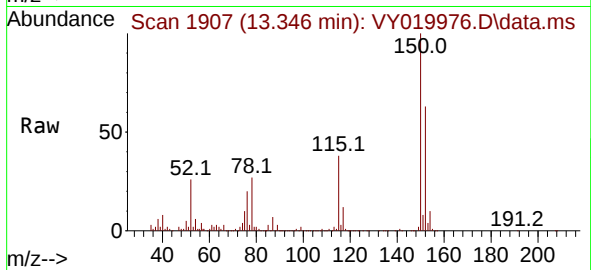
Acq: 22 Oct 2024 13:13

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-6-VOC



Tgt Ion:152 Resp: 149715

Ion Ratio Lower Upper

152 100

115 60.6 28.2 84.7

150 154.8 0.0 345.6

