

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020183.D
 Acq On : 06 Nov 2024 15:53
 Operator : SY/MD
 Sample : P4667-15
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-7-VOC

Quant Time: Nov 07 00:27:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

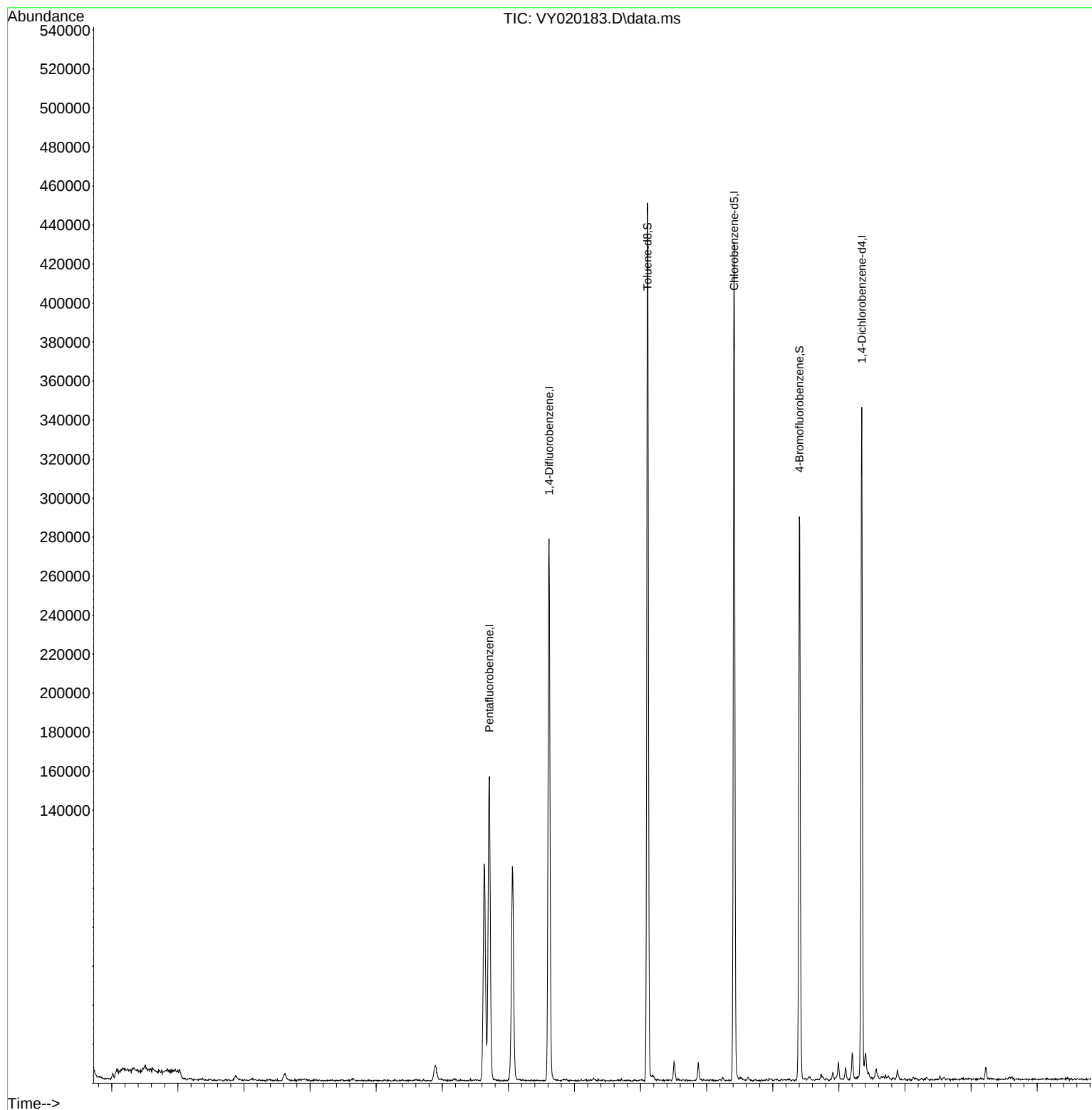
Internal Standards						
1) Pentafluorobenzene	7.713	168	108653	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	225239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	210861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	74100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83003	61.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.420%	
35) Dibromofluoromethane	7.634	113	76244	53.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.103	98	280504	49.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.401	95	83967	45.350	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.700%	
Target Compounds						
16) Acetone	3.872	43	4257	13.499	ug/l	Qvalue # 85

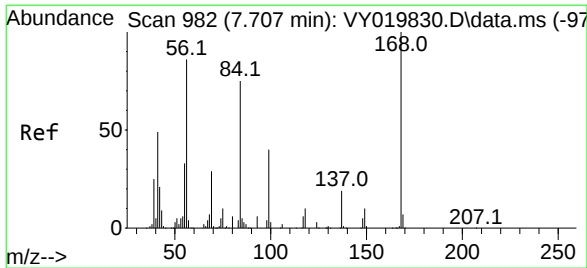
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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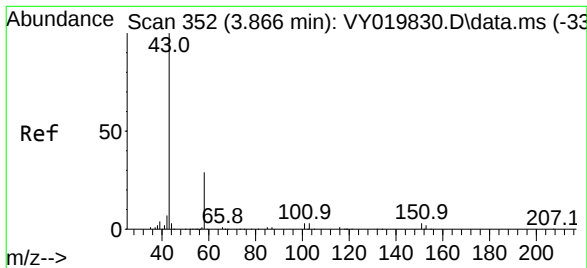
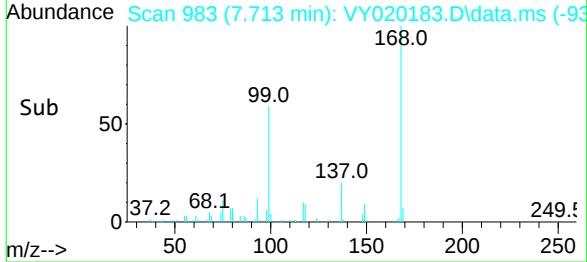
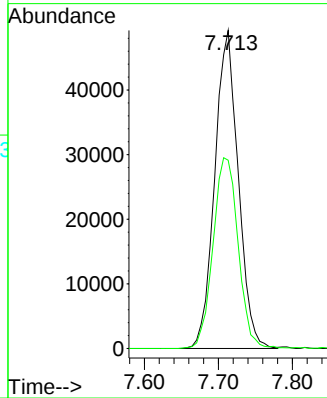
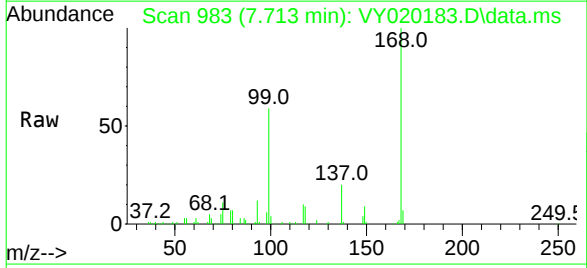




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

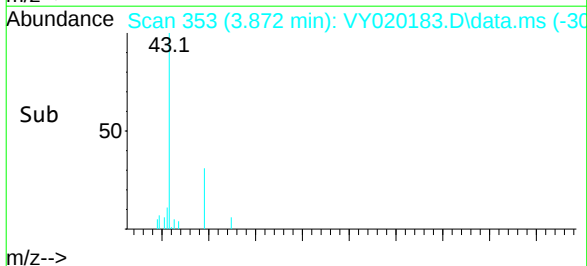
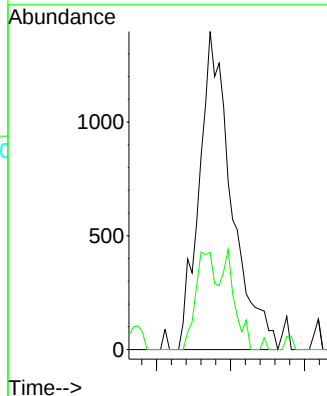
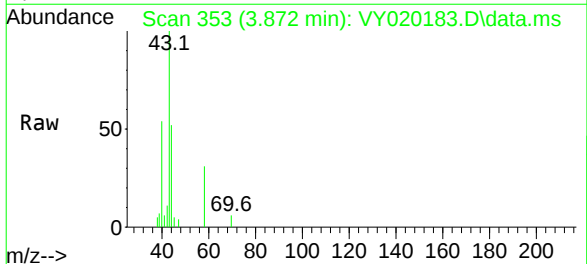
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-7-VOC

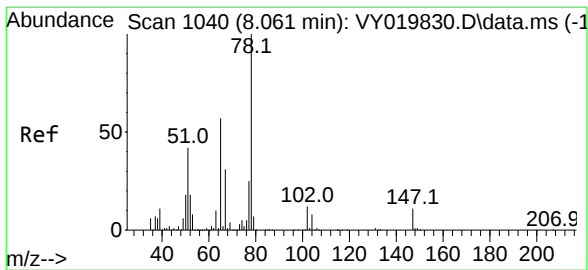
Tgt Ion: 168 Resp: 108653
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7#



#16
Acetone
Concen: 13.499 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

Tgt Ion: 43 Resp: 4257
Ion Ratio Lower Upper
43 100
58 30.6 31.7 47.5#

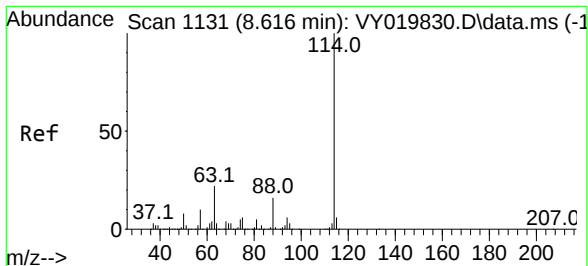
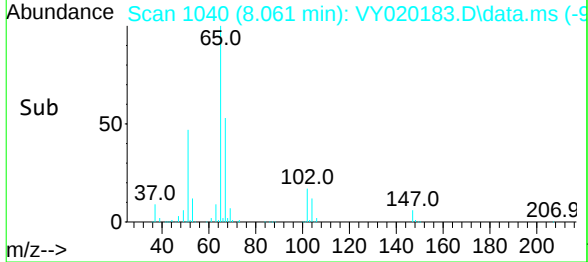
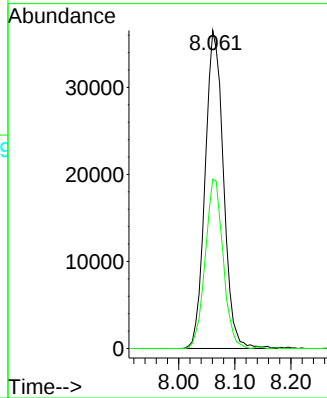
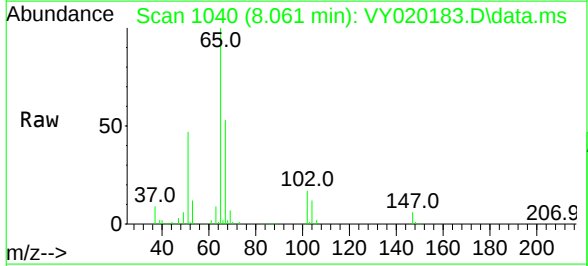




#33
1,2-Dichloroethane-d4
Concen: 61.209 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

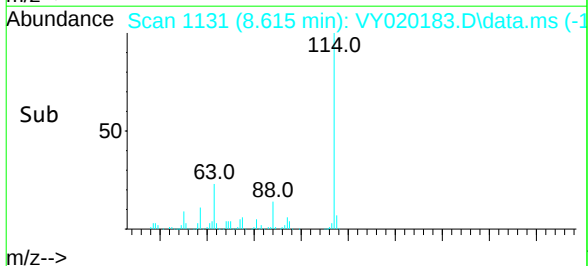
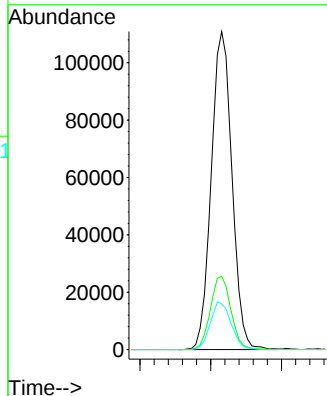
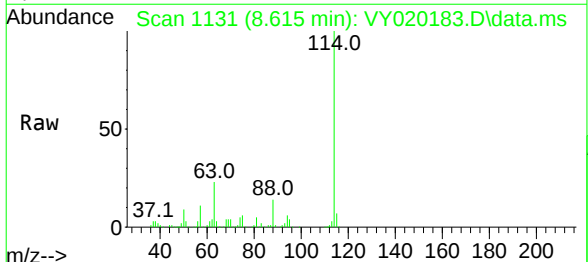
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-7-VOC

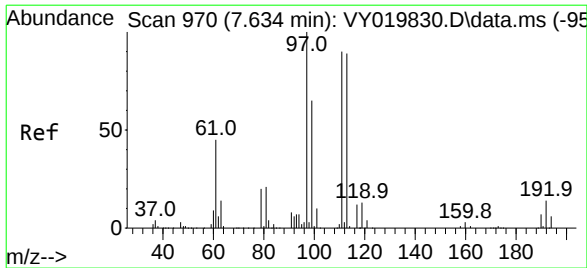
Tgt Ion: 65 Resp: 83003
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

Tgt Ion: 114 Resp: 225239
Ion Ratio Lower Upper
114 100
63 23.0 0.0 35.0
88 14.4 0.0 27.2

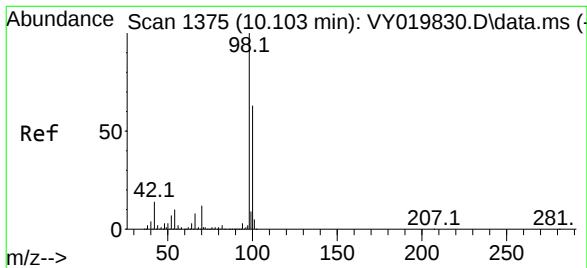
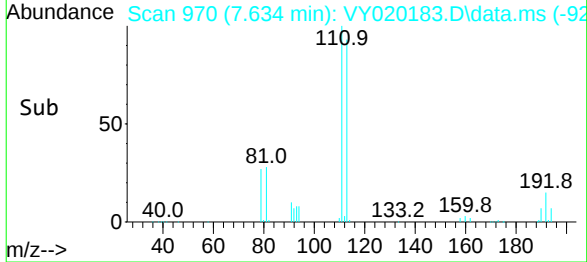
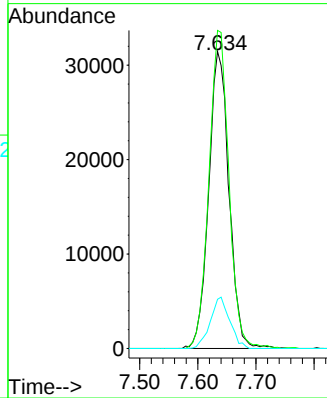
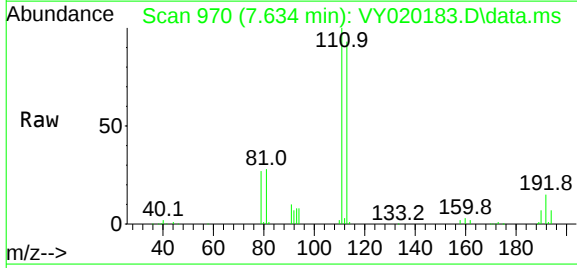




#35
Dibromofluoromethane
Concen: 53.241 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

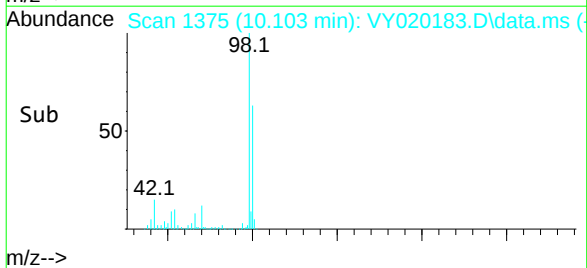
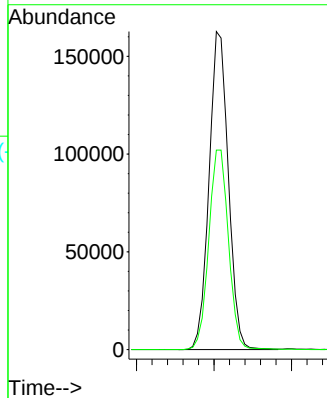
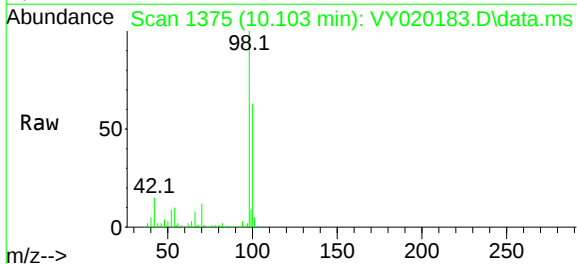
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-7-VOC

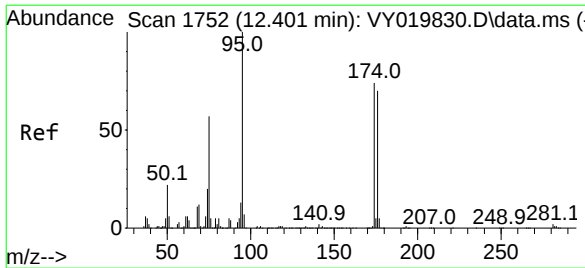
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.5	82.2	123.4
192	16.6	15.9	23.9



#50
Toluene-d8
Concen: 49.209 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0

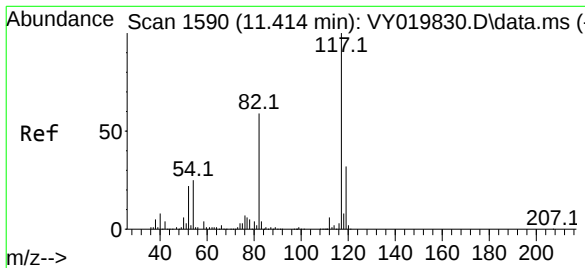
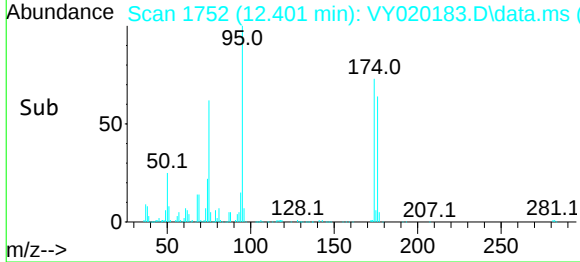
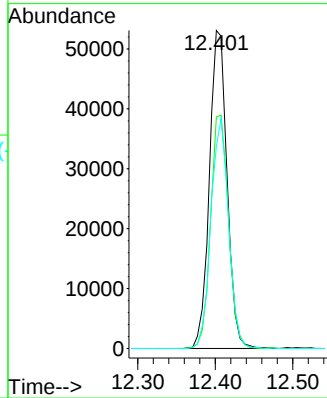
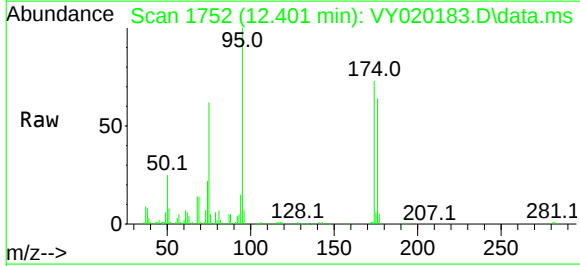




#62
4-Bromofluorobenzene
Concen: 45.350 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

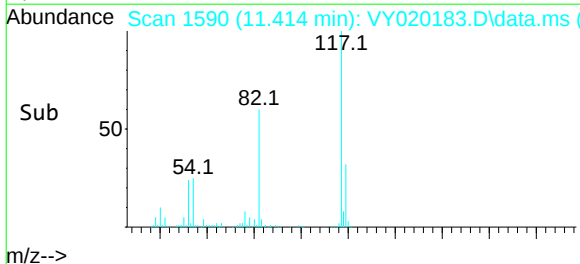
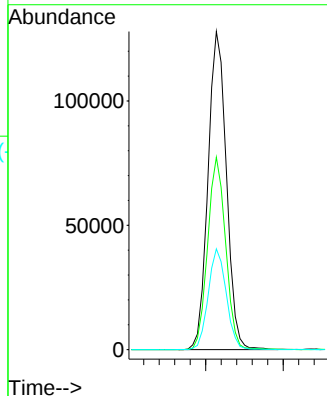
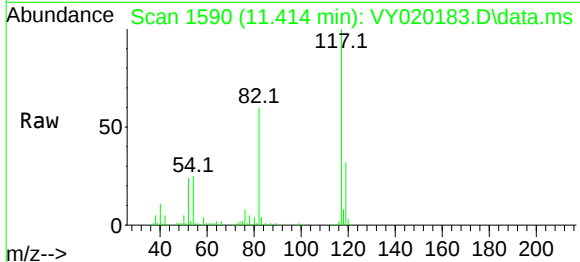
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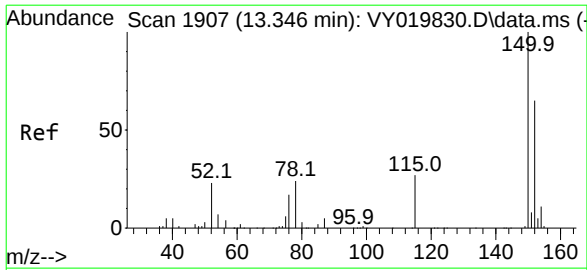
Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	175.6
176	72.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

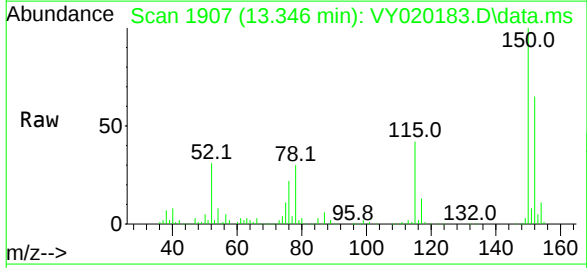
Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.5	42.4	63.6
119	31.7	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 19
Delta R.T. 0.000 min
Lab File: VY020183.D
Acq: 06 Nov 2024 15:53

Instrument :
MSVOA_Y
ClientSampleId :
BP-F-7-VOC



Tgt Ion:	152	Resp:	74100
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	159.2	0.0	345.6

