

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020171.D
 Acq On : 05 Nov 2024 16:52
 Operator : SY/MD
 Sample : P4659-03
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2-VOC

Quant Time: Nov 06 00:28:23 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)

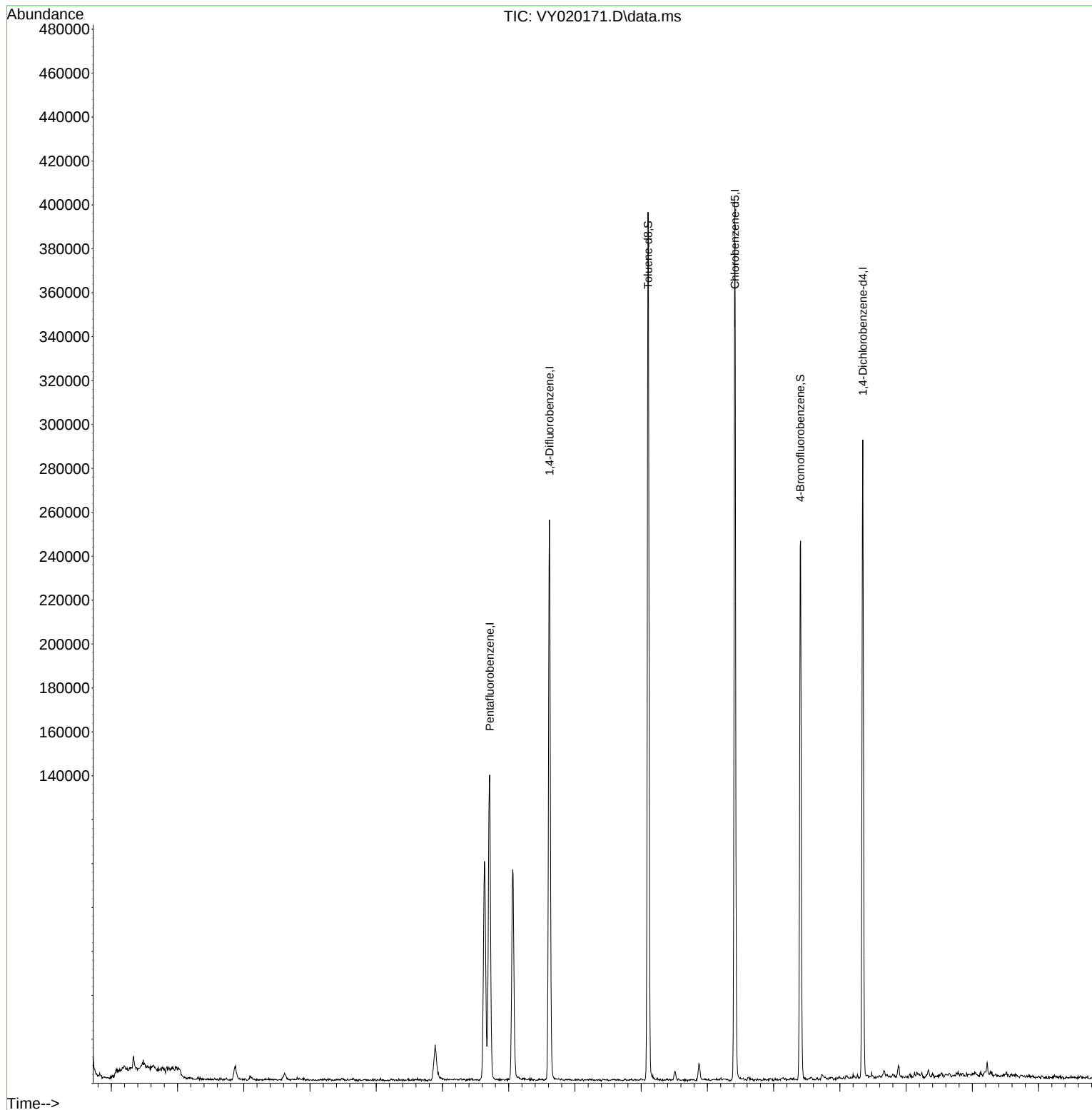
Internal Standards						
1) Pentafluorobenzene	7.713	168	96273	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	199839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	188275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	65874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	77133	64.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.380%
35) Dibromofluoromethane	7.634	113	68964	54.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.560%
50) Toluene-d8	10.103	98	248537	49.143	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.401	95	75046	45.684	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.360%
Target Compounds						
16) Acetone	3.866	43	11608	41.542	ug/l	Qvalue 93

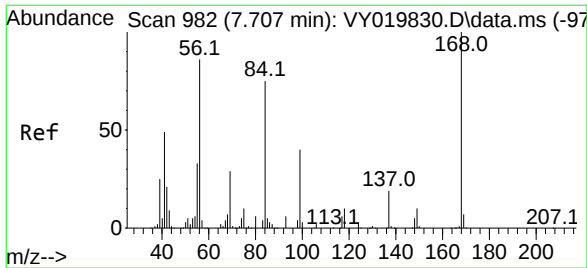
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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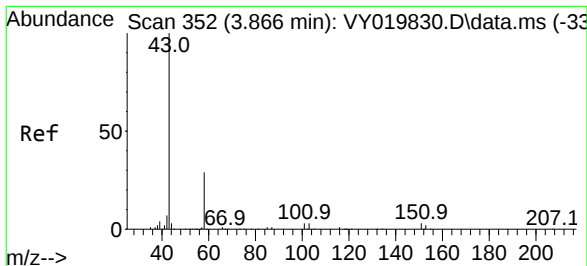
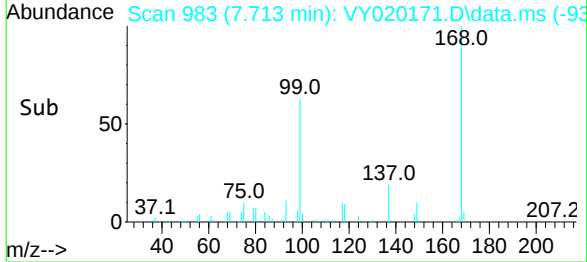
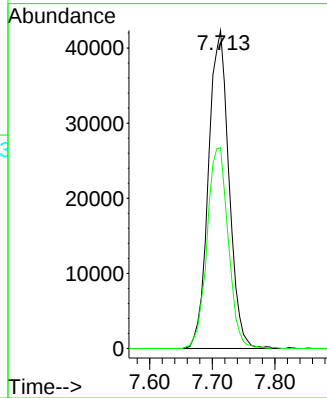
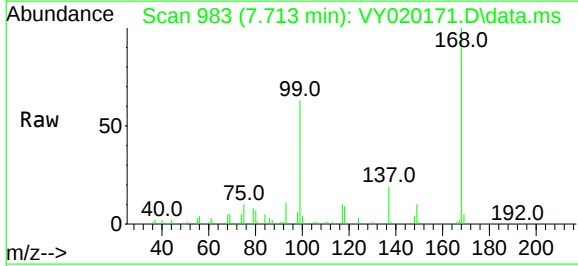




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

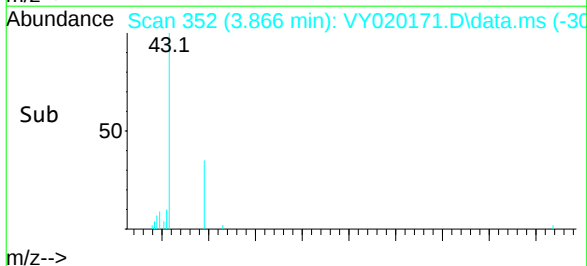
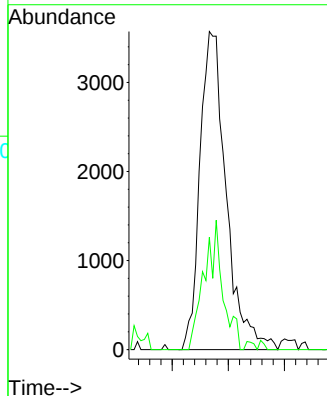
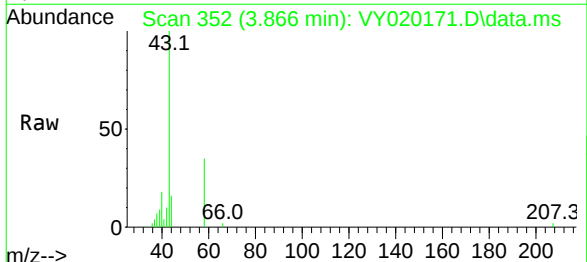
Instrument :
MSVOA_Y
ClientSampleId :
MH-2-VOC

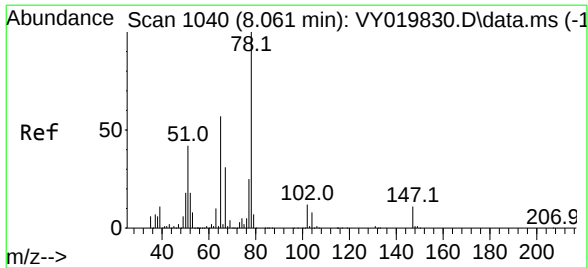
Tgt Ion:168 Resp: 96273
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#16
Acetone
Concen: 41.542 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Tgt Ion: 43 Resp: 11608
Ion Ratio Lower Upper
43 100
58 35.3 31.7 47.5

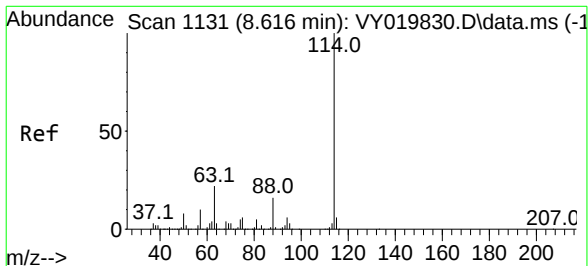
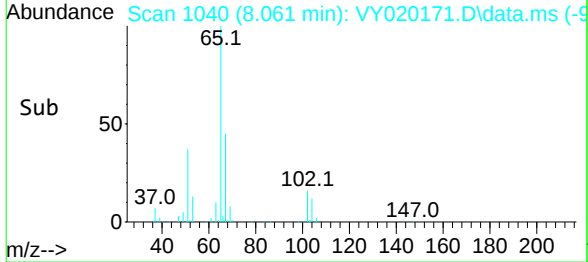
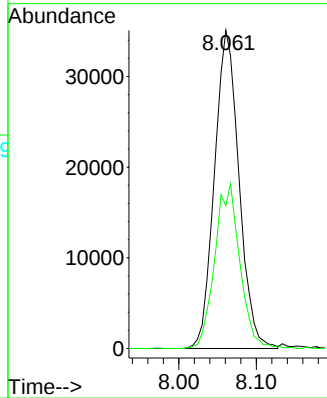
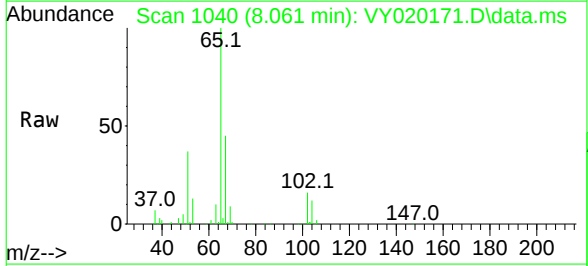




#33
1,2-Dichloroethane-d4
Concen: 64.195 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

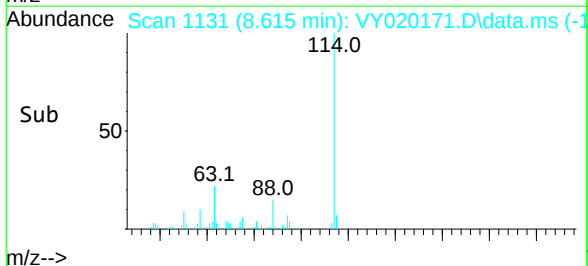
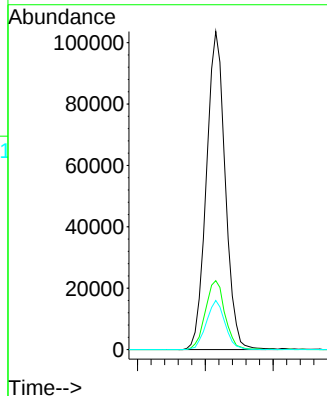
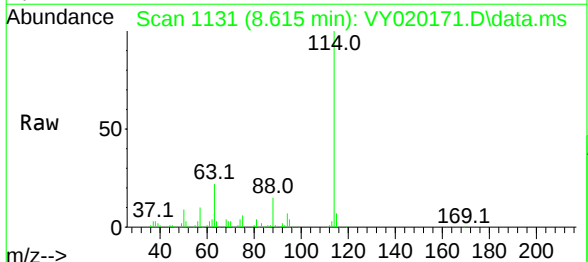
Instrument :
MSVOA_Y
ClientSampleId :
MH-2-VOC

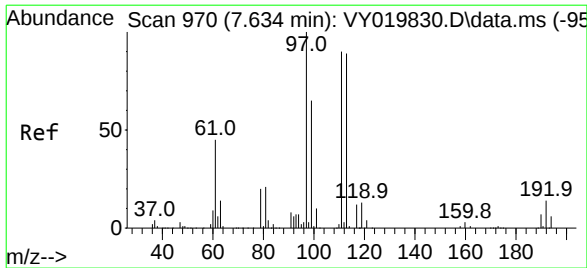
Tgt Ion: 65 Resp: 77133
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Tgt Ion: 114 Resp: 199839
Ion Ratio Lower Upper
114 100
63 21.7 0.0 35.0
88 15.4 0.0 27.2

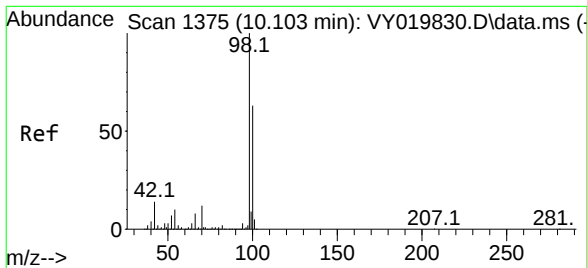
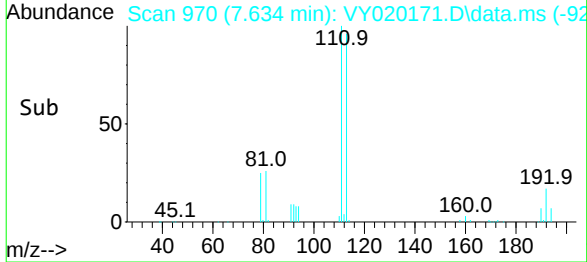
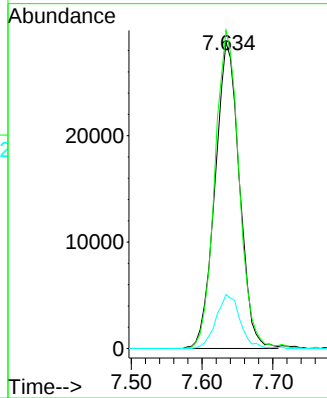
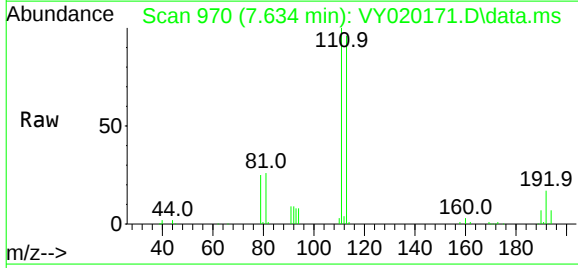




#35
Dibromofluoromethane
Concen: 54.278 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

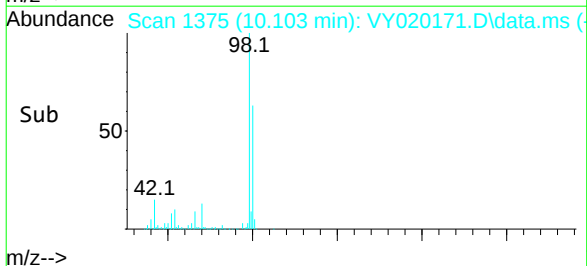
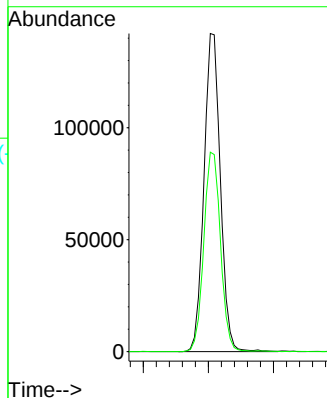
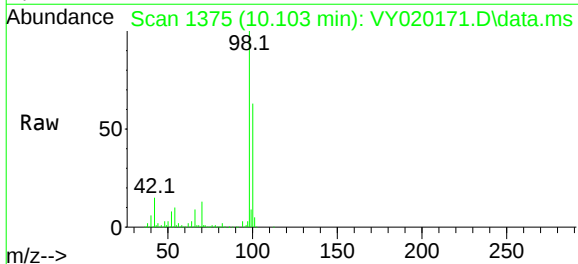
Instrument :
MSVOA_Y
ClientSampleId :
MH-2-VOC

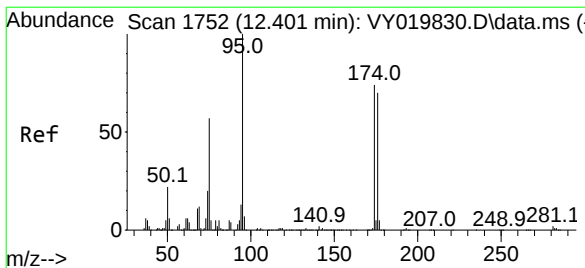
Tgt Ion:113 Resp: 68964
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.2 15.9 23.9



#50
Toluene-d8
Concen: 49.143 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

Tgt Ion: 98 Resp: 248537
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

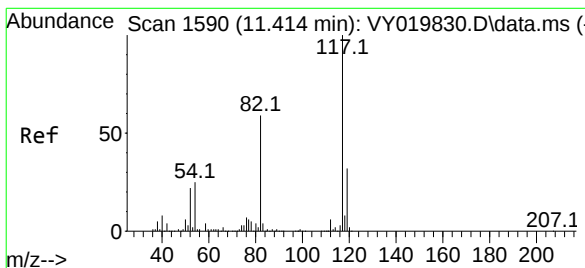
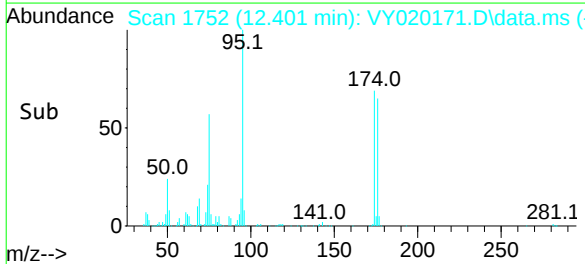
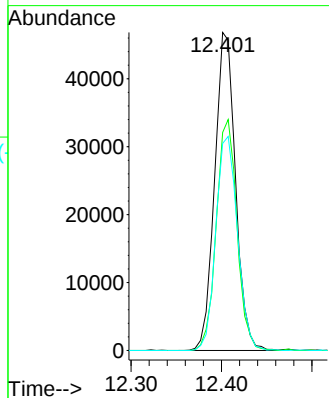
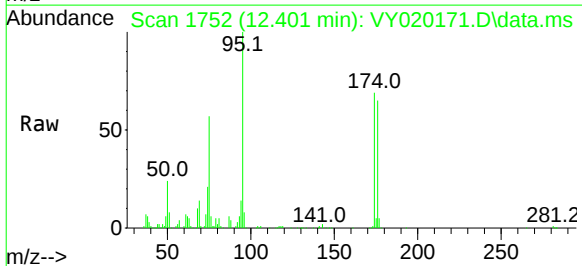




#62
4-Bromofluorobenzene
Concen: 45.684 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

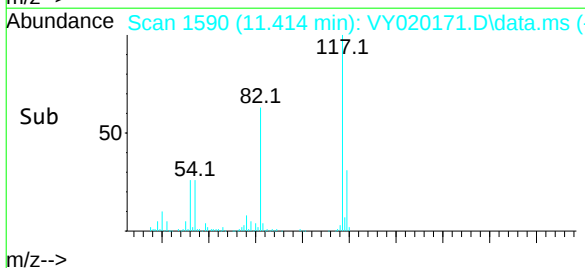
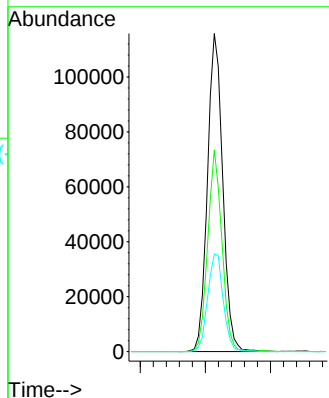
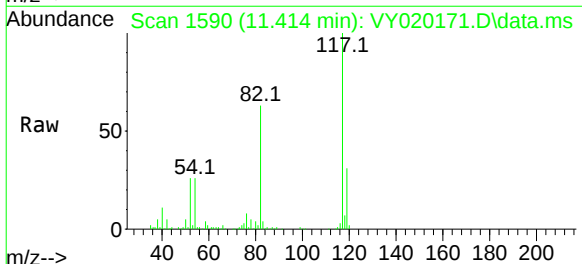
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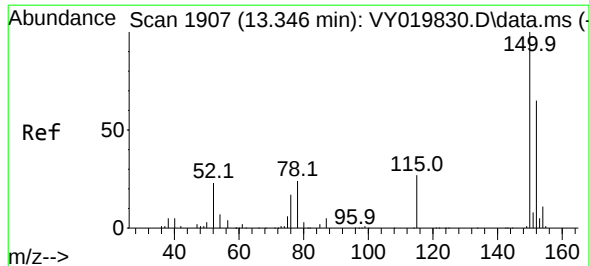
Tgt Ion: 95 Resp: 75046
Ion Ratio Lower Upper
95 100
174 71.9 0.0 175.6
176 70.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020171.D
Acq: 05 Nov 2024 16:52

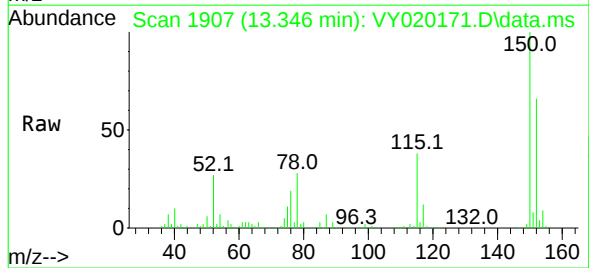
Tgt Ion: 117 Resp: 188275
Ion Ratio Lower Upper
117 100
82 63.4 42.4 63.6
119 30.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020171.D
 Acq: 05 Nov 2024 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2-VOC



Tgt Ion:	152	Resp:	65874
Ion Ratio	Lower	Upper	
152	100		
115	60.7	28.2	84.7
150	153.3	0.0	345.6

