

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020268.D
 Acq On : 12 Nov 2024 15:25
 Operator : SY/MD
 Sample : P4807-03
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC

Quant Time: Nov 13 00:36:31 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)

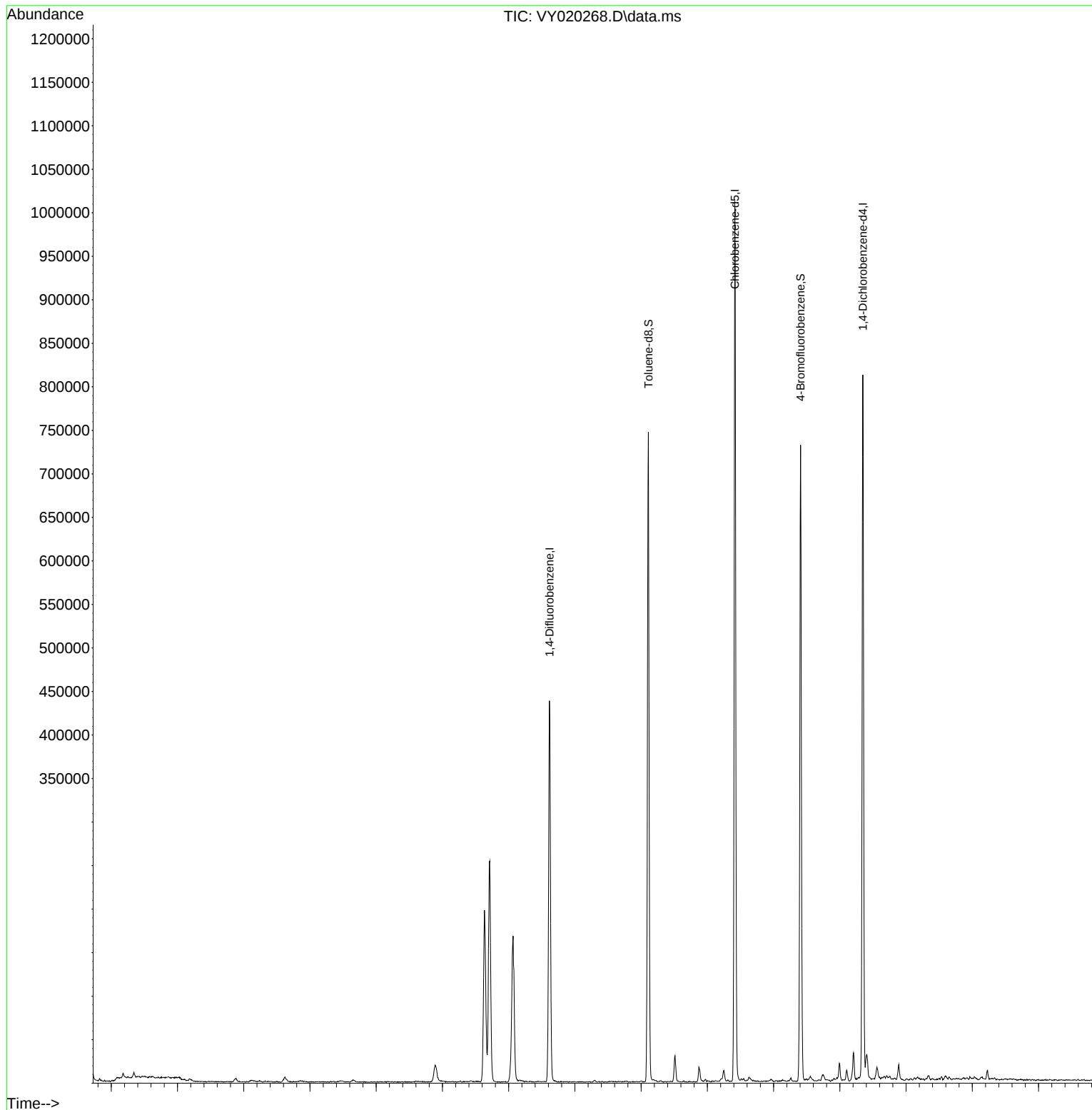
Internal Standards						
1) Pentafluorobenzene	7.707	168	177561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	344292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	504240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	189683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127926	57.726	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	115.460%	
35) Dibromofluoromethane	7.634	113	137432	62.783	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	125.560%	
50) Toluene-d8	10.109	98	459662	52.754	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	105.500%	
62) 4-Bromofluorobenzene	12.408	95	216106	76.358	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	152.720%#	
Target Compounds						
16) Acetone	3.873	43	6677	12.956	ug/l	# Qvalue 86

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

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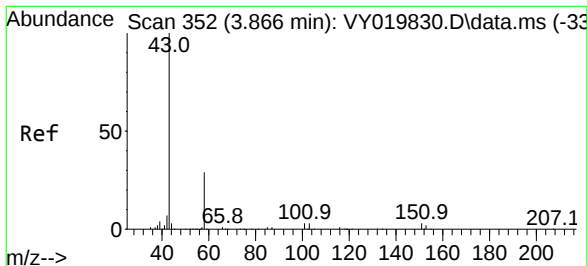
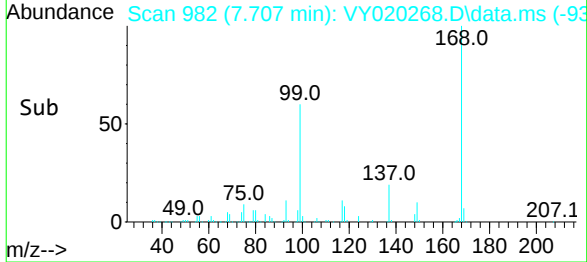
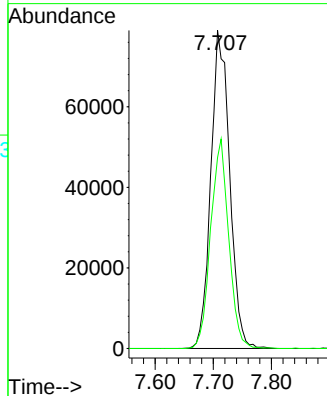
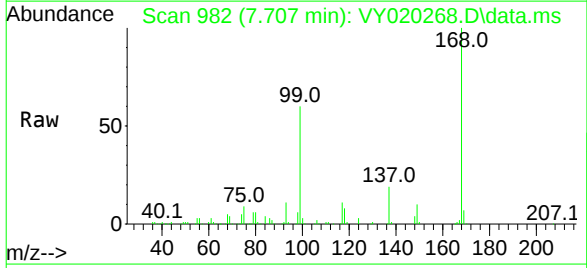




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020268.D
Acq: 12 Nov 2024 15:25

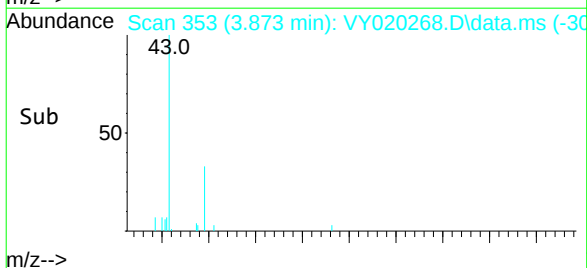
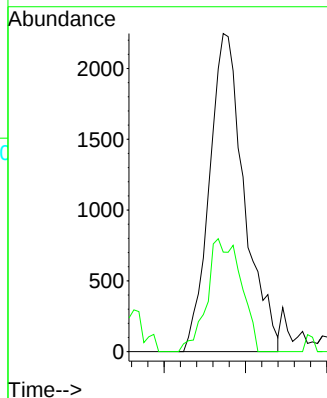
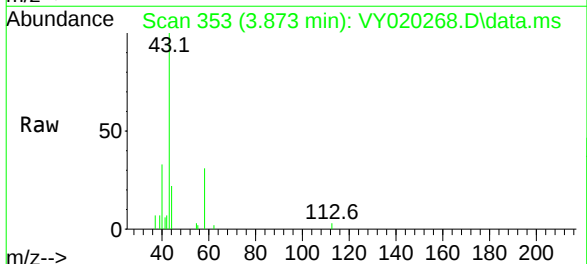
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

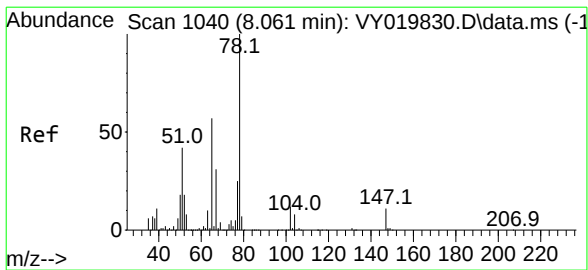
Tgt Ion:168 Resp: 177561
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#16
Acetone
Concen: 12.956 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020268.D
Acq: 12 Nov 2024 15:25

Tgt Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
58 31.3 31.7 47.5#

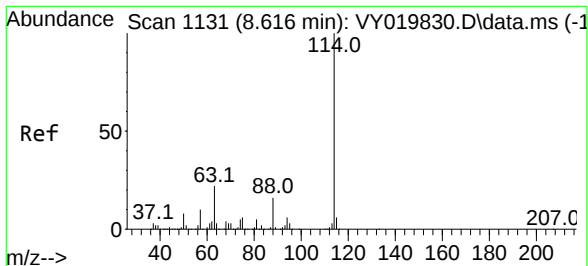
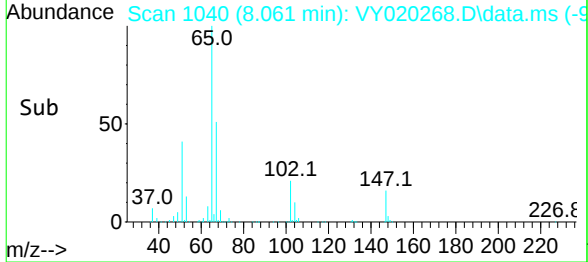
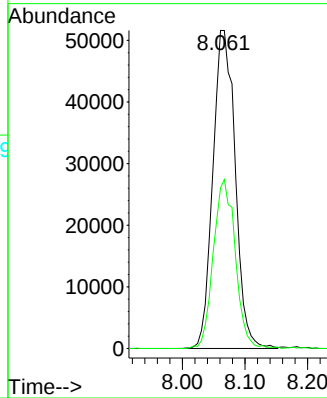
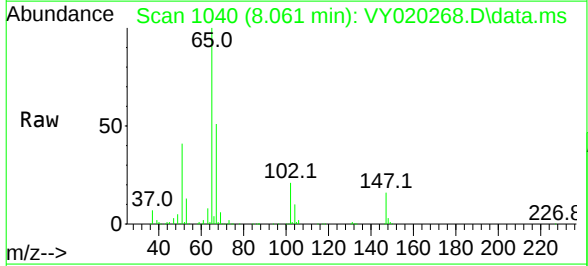




#33
1,2-Dichloroethane-d4
Concen: 57.726 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020268.D
Acq: 12 Nov 2024 15:25

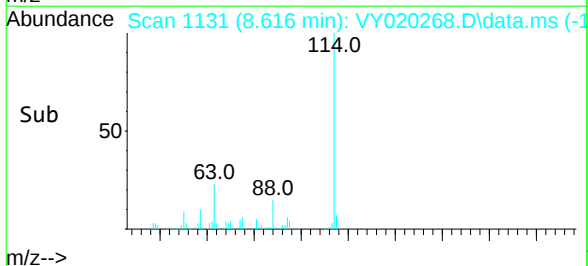
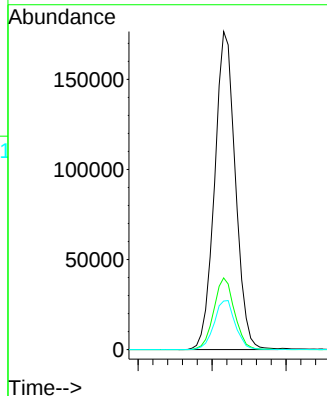
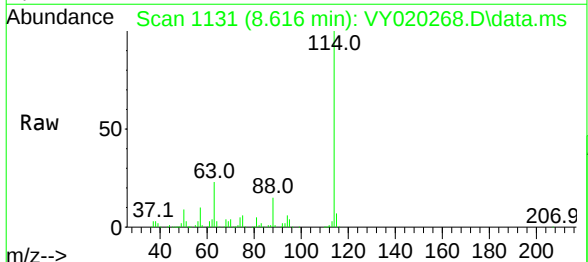
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

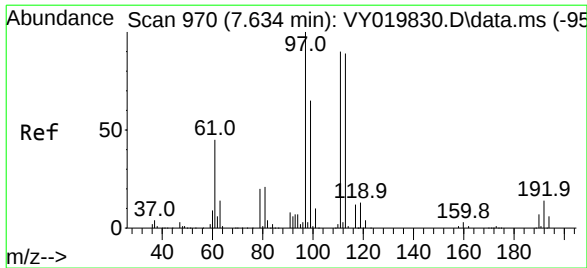
Tgt Ion: 65 Resp: 127926
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020268.D
Acq: 12 Nov 2024 15:25

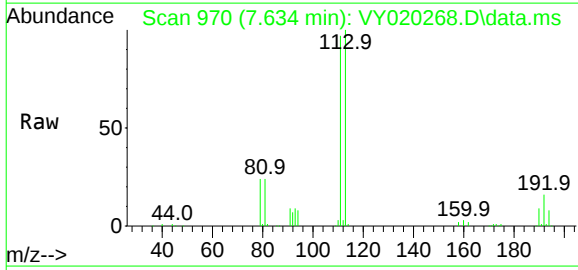
Tgt Ion: 114 Resp: 344292
Ion Ratio Lower Upper
114 100
63 22.5 0.0 35.0
88 15.3 0.0 27.2



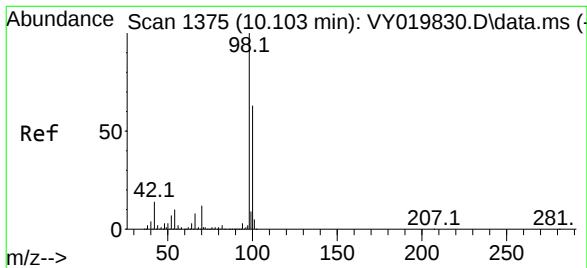
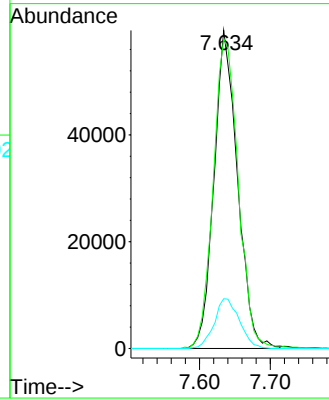
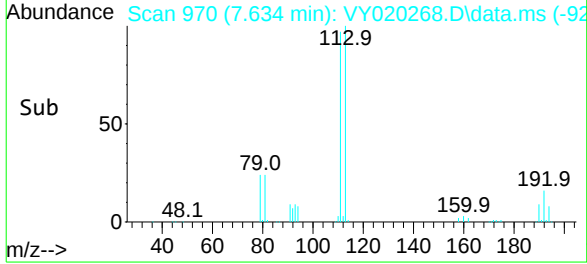


#35
Dibromofluoromethane
Concen: 62.783 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020268.D
Acq: 12 Nov 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

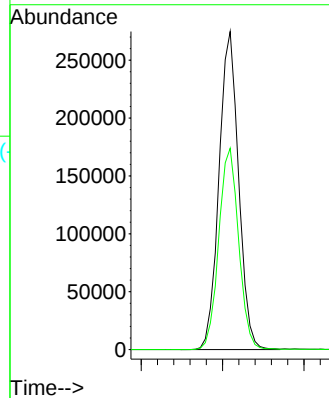
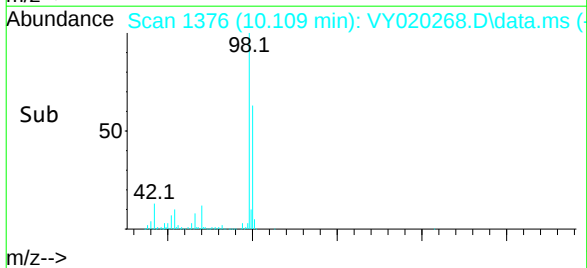
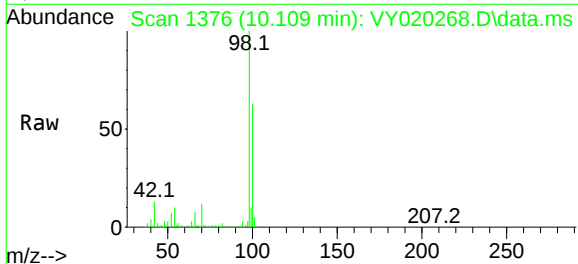


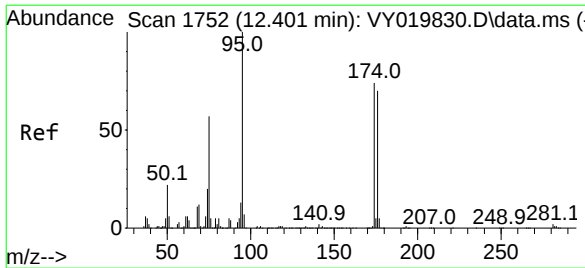
Tgt Ion:113 Resp: 137432
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.8 15.9 23.9



#50
Toluene-d8
Concen: 52.754 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020268.D
Acq: 12 Nov 2024 15:25

Tgt Ion: 98 Resp: 459662
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

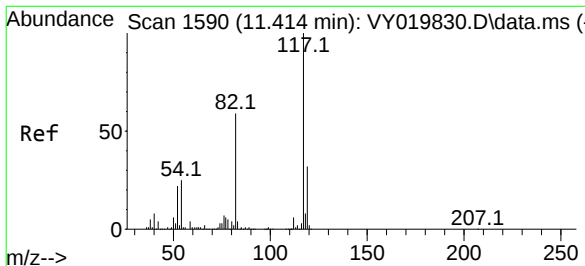
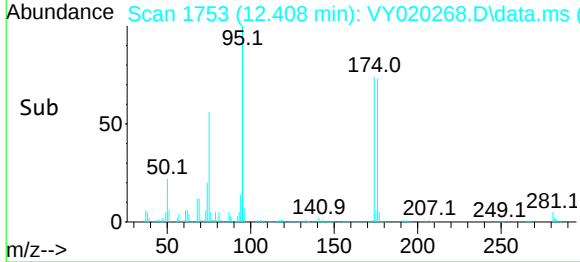
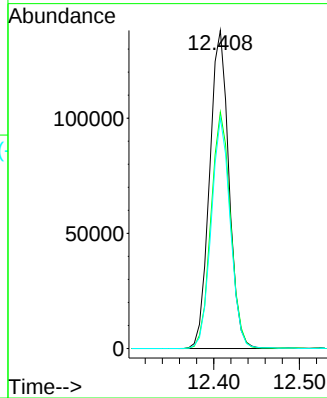
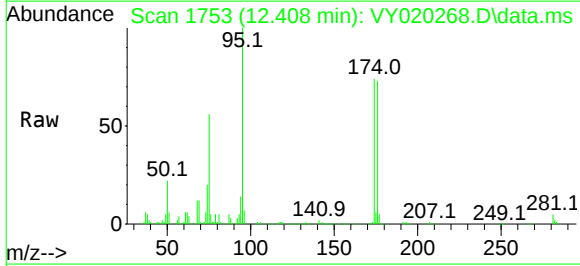




#62
4-Bromofluorobenzene
Concen: 76.358 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020268.D
Acq: 12 Nov 2024 15:25

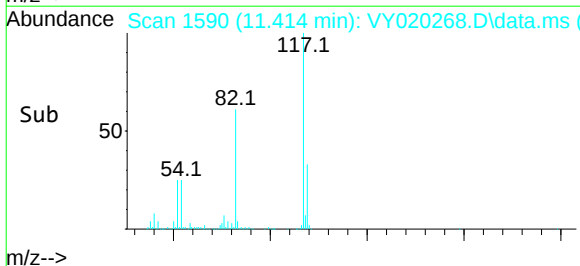
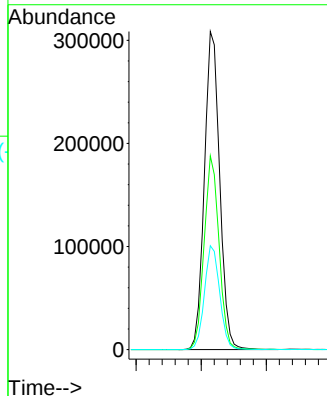
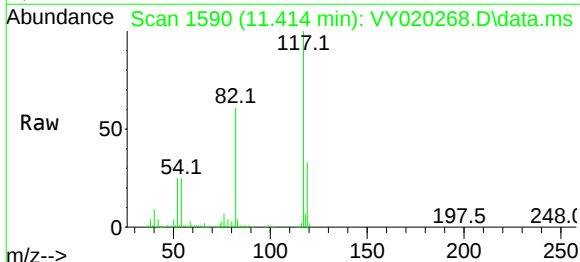
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

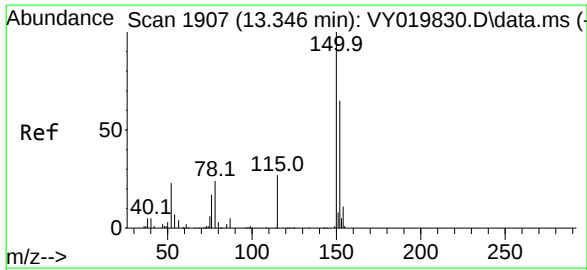
Tgt Ion: 95 Resp: 216106
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020268.D
Acq: 12 Nov 2024 15:25

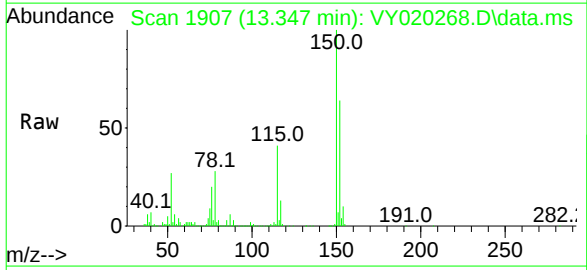
Tgt Ion: 117 Resp: 504240
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 32.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020268.D
 Acq: 12 Nov 2024 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	189683
Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.2	84.7
150	155.6	0.0	345.6

