

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020555.D
 Acq On : 09 Dec 2024 15:16
 Operator : SY/MD
 Sample : P5216-03
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Dec 10 04:01:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

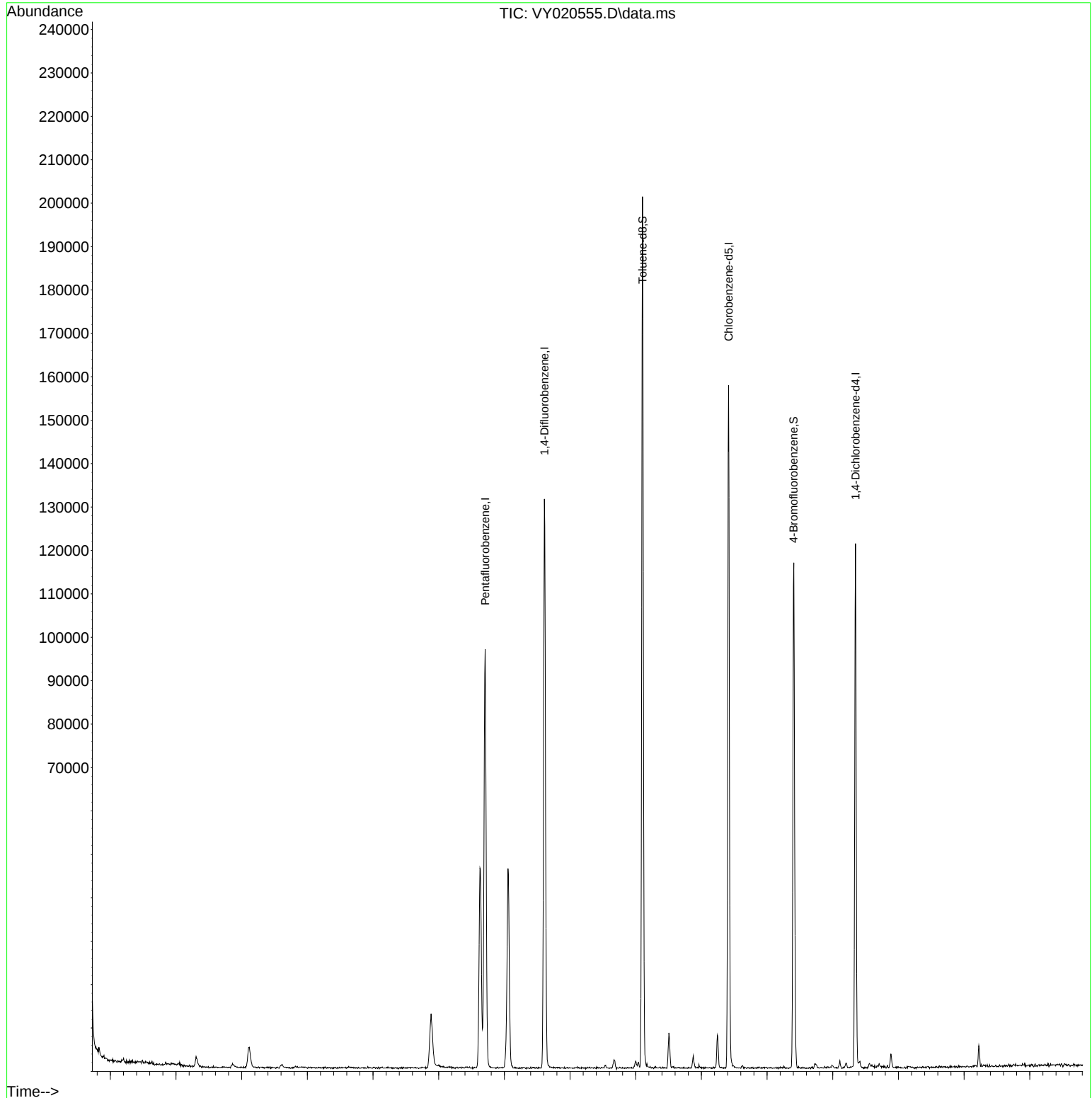
Internal Standards						
1) Pentafluorobenzene	7.707	168	72867	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	111493	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	84520	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	30112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	35768	48.265	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.540%
35) Dibromofluoromethane	7.634	113	34354	48.944	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.103	98	129571	48.479	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.402	95	35597	38.081	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	76.160%
Target Compounds						
16) Acetone	3.860	43	1453	7.885	ug/l	Qvalue 96

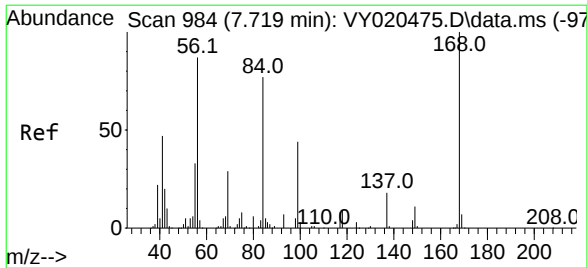
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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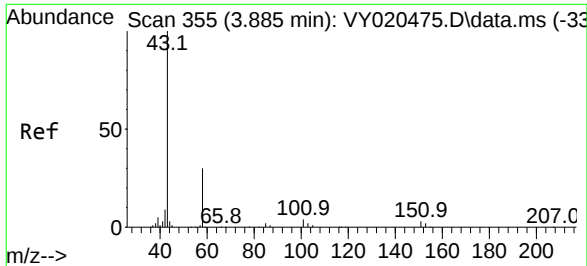
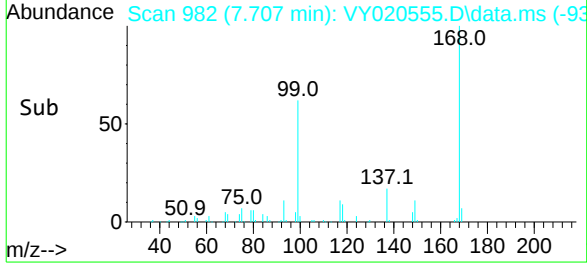
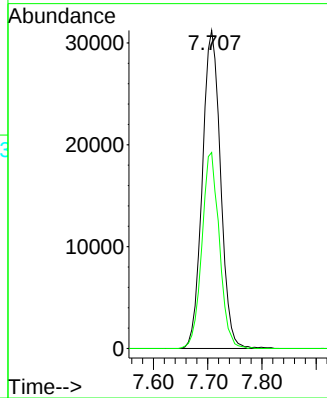
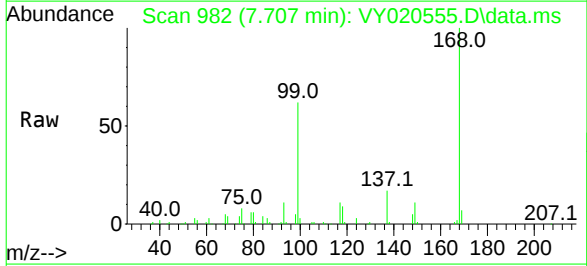




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020555.D
Acq: 09 Dec 2024 15:16

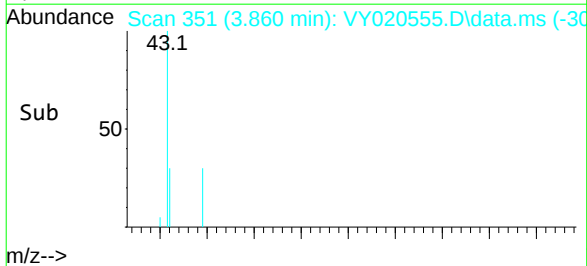
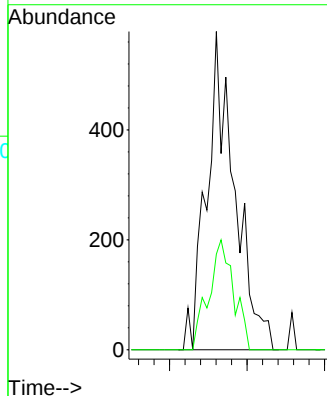
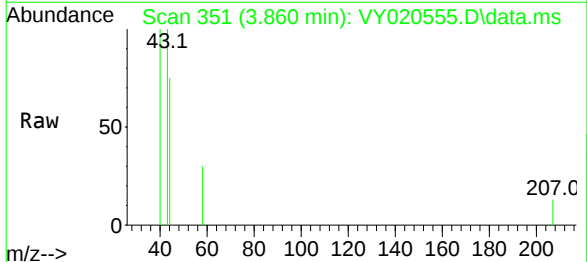
Instrument :
MSVOA_Y
ClientSampleId :
BP-G-6-VOC

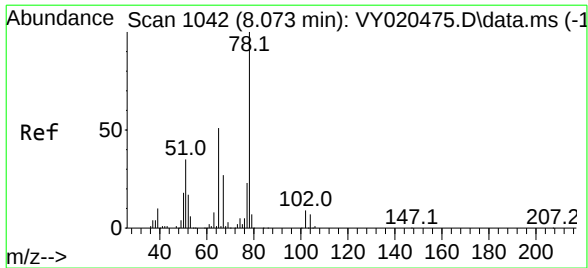
Tgt Ion:168 Resp: 72867
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#16
Acetone
Concen: 7.885 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.024 min
Lab File: VY020555.D
Acq: 09 Dec 2024 15:16

Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 30.1 25.7 38.5

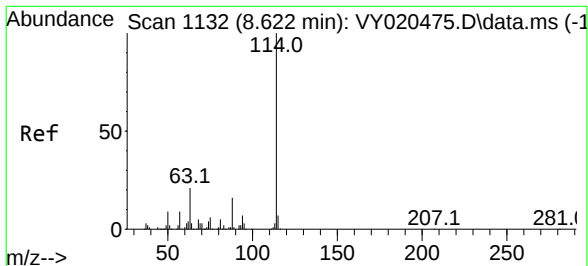
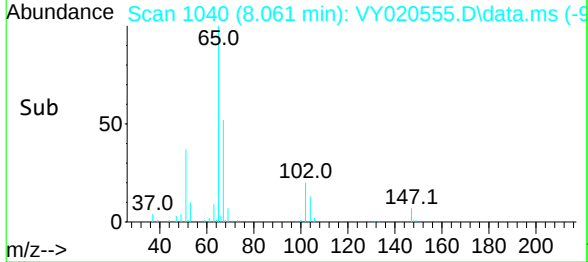
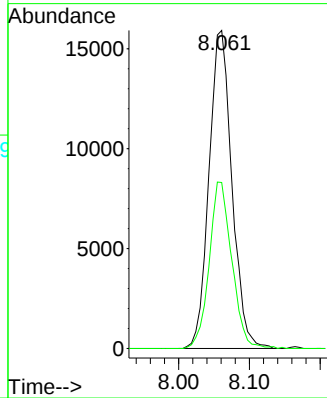
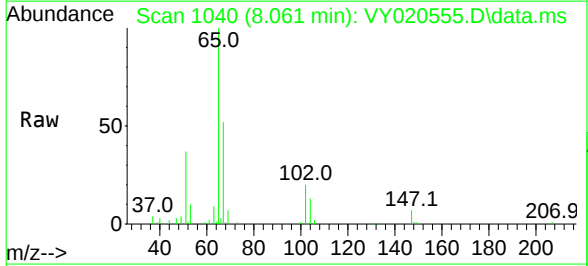




#33
 1,2-Dichloroethane-d4
 Concen: 48.265 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.012 min
 Lab File: VY020555.D
 Acq: 09 Dec 2024 15:16

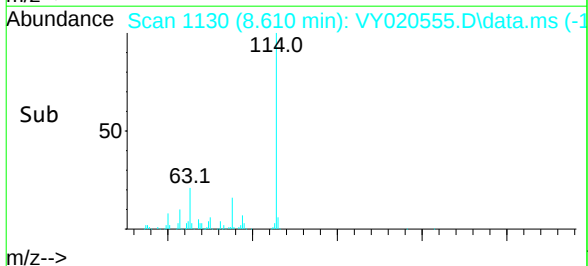
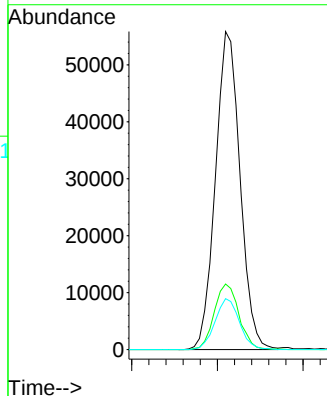
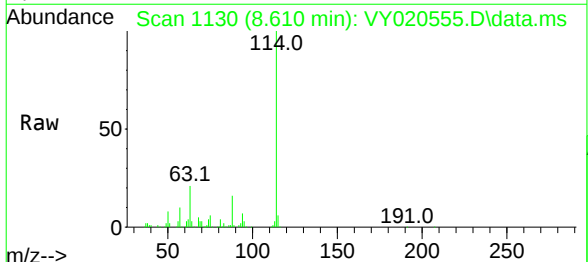
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 ClientSampleId :
 BP-G-6-VOC

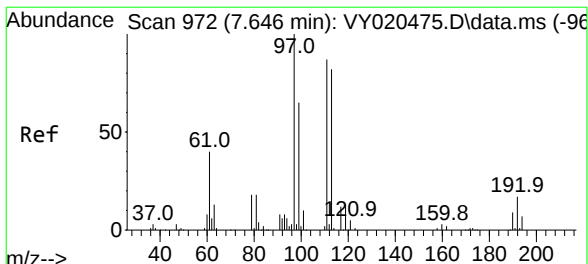
Tgt Ion: 65 Resp: 35768
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. -0.012 min
 Lab File: VY020555.D
 Acq: 09 Dec 2024 15:16

Tgt Ion: 114 Resp: 111493
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.8
 88 16.0 0.0 32.0

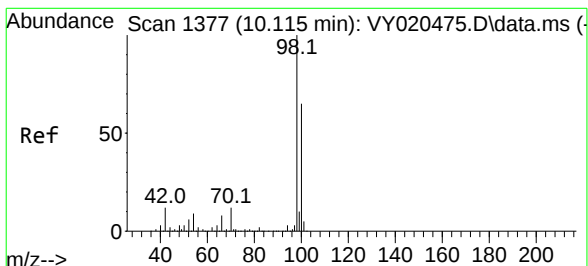
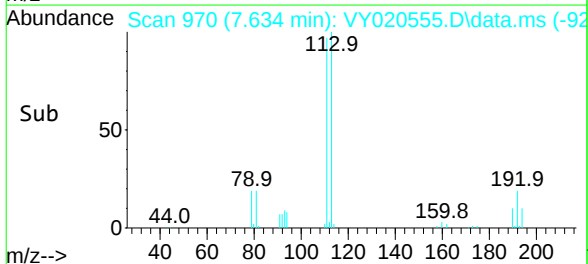
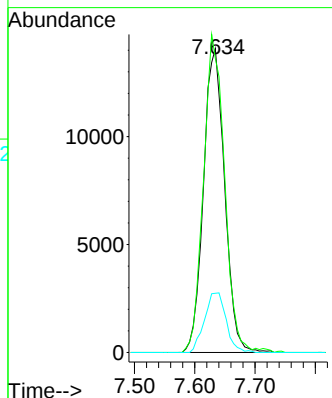
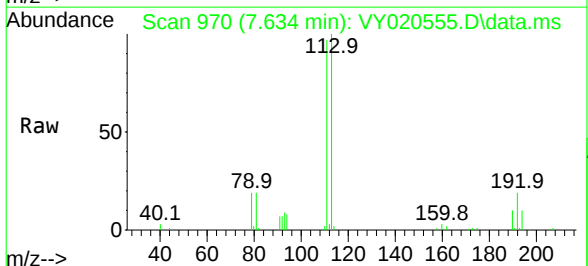




#35
 Dibromofluoromethane
 Concen: 48.944 ug/l
 RT: 7.634 min Scan# 97
 Delta R.T. -0.012 min
 Lab File: VY020555.D
 Acq: 09 Dec 2024 15:16

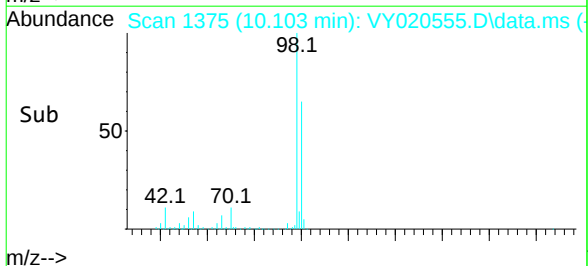
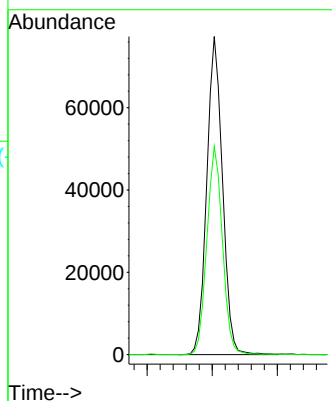
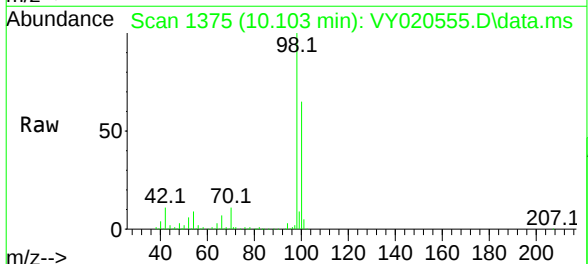
Instrument :
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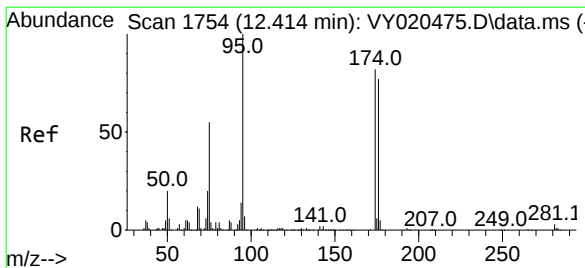
Tgt Ion:	113	Resp:	34354
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.4	122.0
192	20.1	15.1	22.7



#50
 Toluene-d8
 Concen: 48.479 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.012 min
 Lab File: VY020555.D
 Acq: 09 Dec 2024 15:16

Tgt Ion:	98	Resp:	129571
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.3	76.9

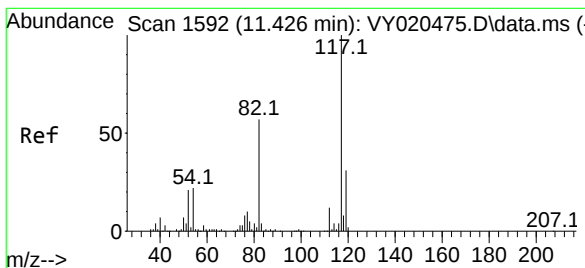
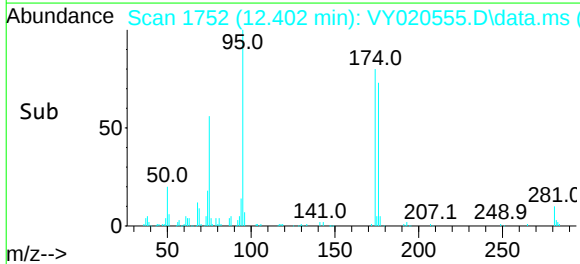
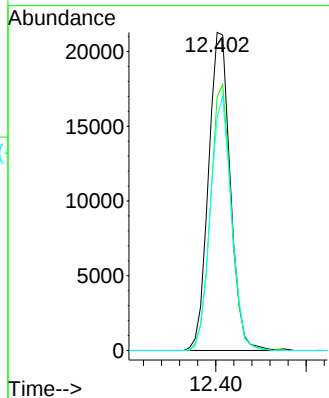
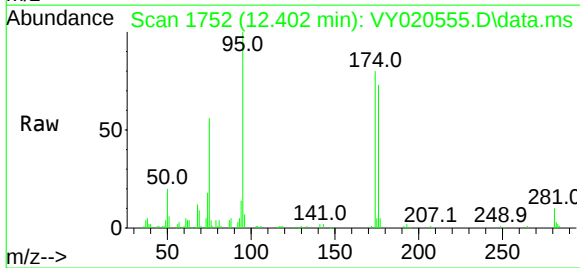




#62
4-Bromofluorobenzene
Concen: 38.081 ug/l
RT: 12.402 min Scan# 1754
Delta R.T. -0.012 min
Lab File: VY020555.D
Acq: 09 Dec 2024 15:16

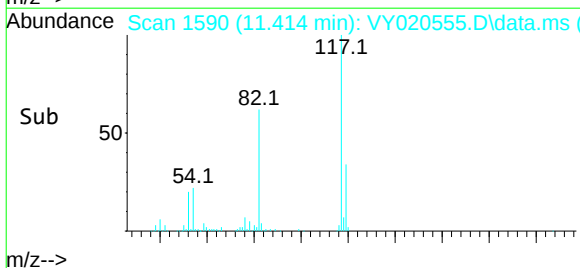
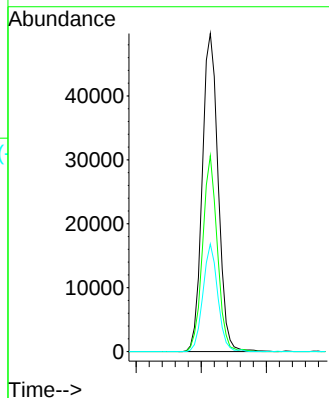
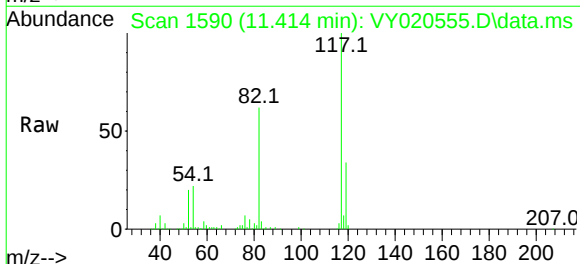
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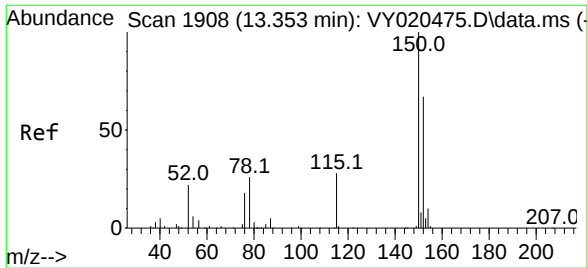
Tgt Ion:	95	Resp:	35597
Ion Ratio	Lower	Upper	
95	100		
174	79.5	0.0	156.8
176	77.1	0.0	152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.012 min
Lab File: VY020555.D
Acq: 09 Dec 2024 15:16

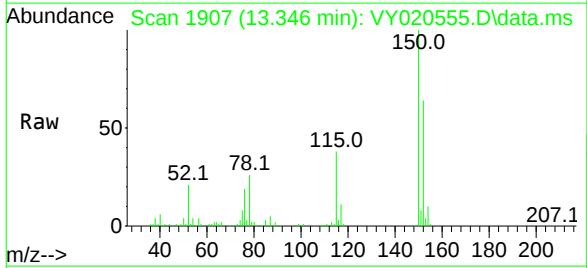
Tgt Ion:	117	Resp:	84520
Ion Ratio	Lower	Upper	
117	100		
82	61.6	48.2	72.4
119	33.8	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY020555.D
 Acq: 09 Dec 2024 15:16

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



Tgt Ion:	152	Resp:	30112
Ion Ratio	Lower	Upper	
152	100		
115	60.0	30.0	90.0
150	159.8	0.0	348.2

