

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020413.D
 Acq On : 22 Nov 2024 15:13
 Operator : SY/MD
 Sample : P4946-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1

Quant Time: Nov 23 00:01:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

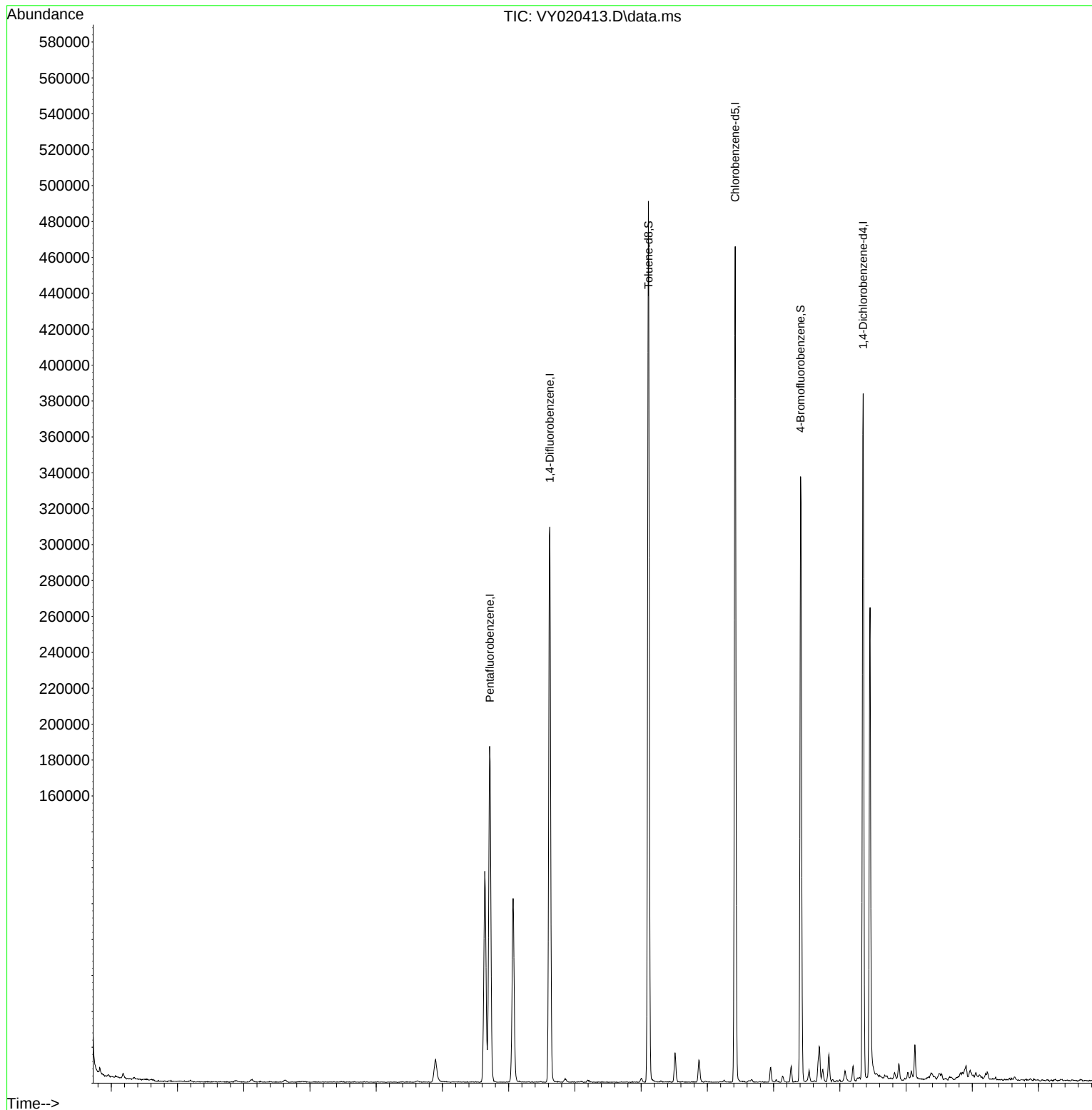
Internal Standards						
1) Pentafluorobenzene	7.713	168	137287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	258536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	238609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	94206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	82172	52.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.200%
35) Dibromofluoromethane	7.640	113	80043	48.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.560%
50) Toluene-d8	10.109	98	310464	47.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.408	95	103571	49.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.680%
Target Compounds						
51) 4-Methyl-2-Pentanone	9.999	43	1458	1.274	ug/l	Qvalue 89

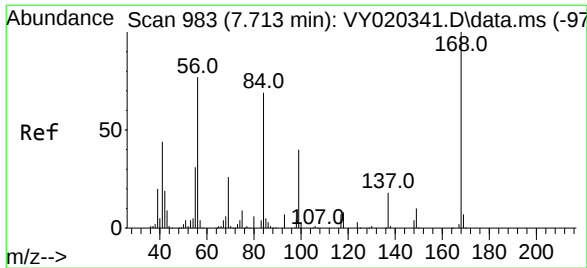
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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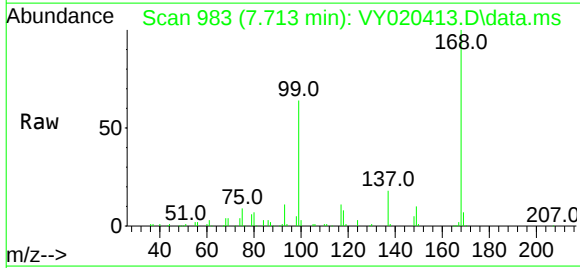
Quant Time: Nov 23 00:01:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
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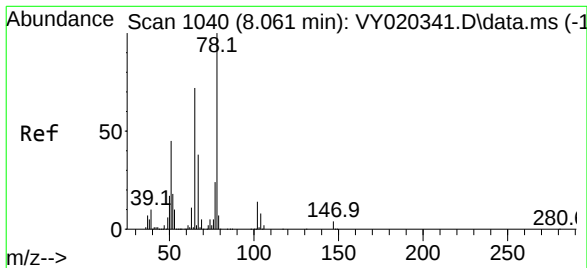
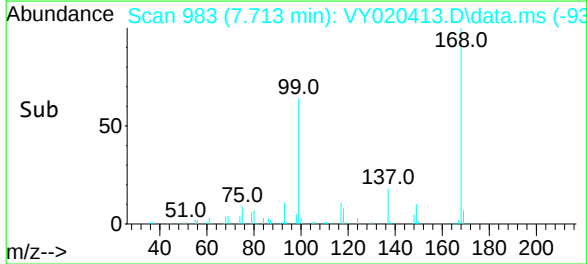
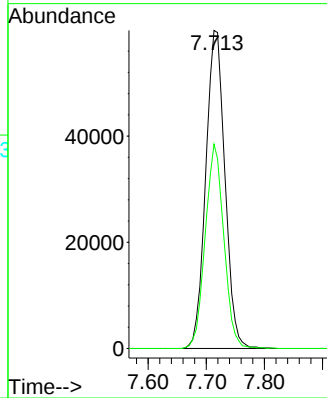


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

Instrument :
MSVOA_Y
ClientSampleId :
BW-1

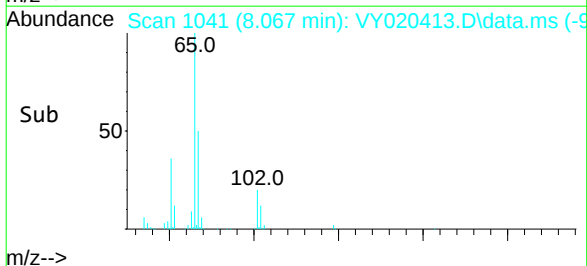
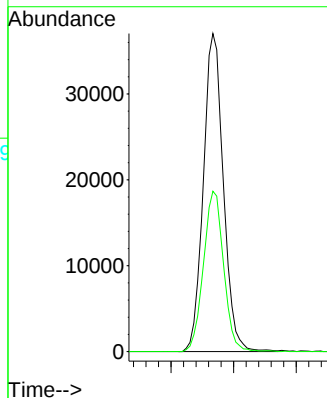
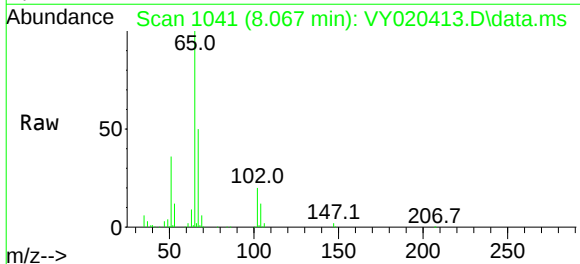


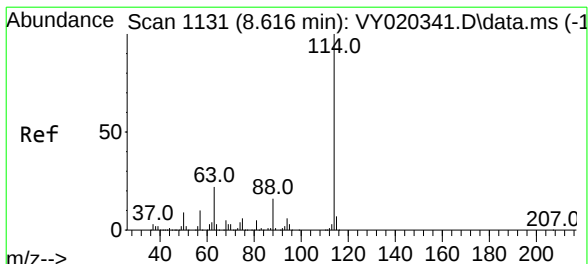
Tgt Ion:168 Resp: 137287
Ion Ratio Lower Upper
168 100
99 64.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 52.098 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

Tgt Ion: 65 Resp: 82172
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.8

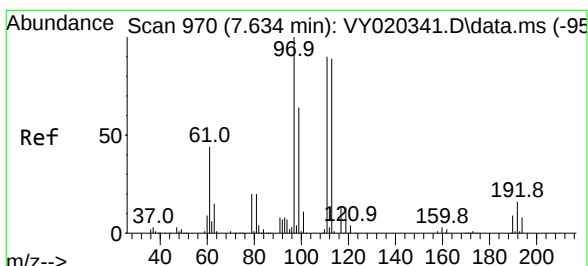
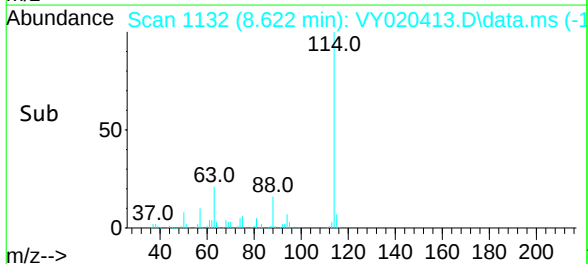
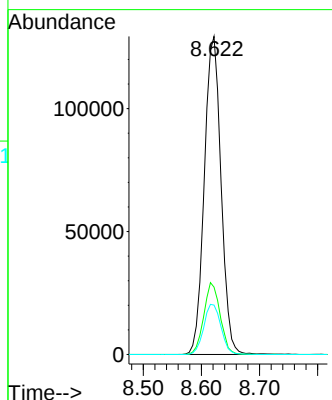
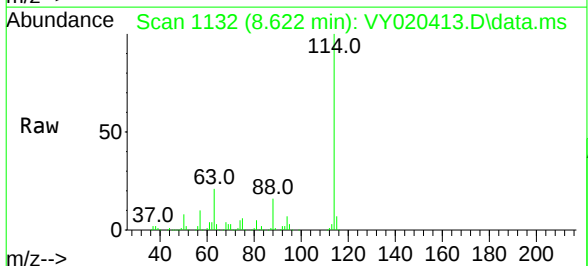




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VY020413.D
 Acq: 22 Nov 2024 15:13

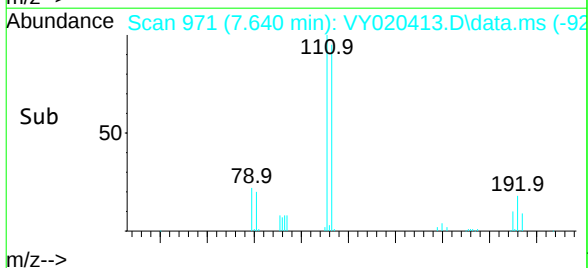
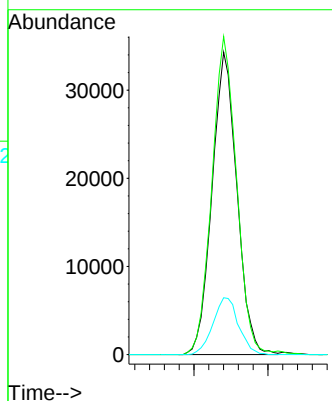
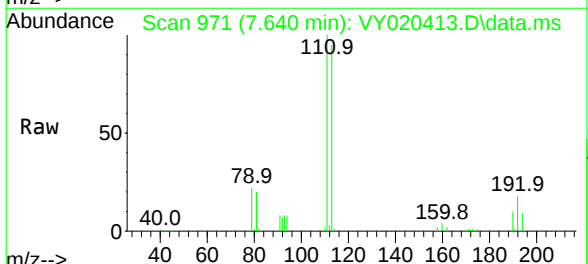
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1

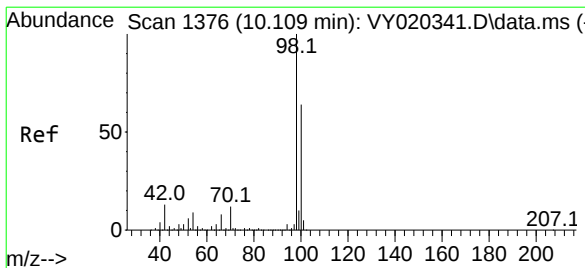
Tgt Ion:	114	Resp:	258536
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	44.8
88	15.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.282 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020413.D
 Acq: 22 Nov 2024 15:13

Tgt Ion:	113	Resp:	80043
Ion Ratio	Lower	Upper	
113	100		
111	104.6	81.4	122.0
192	19.3	15.1	22.7





#50

Toluene-d8

Concen: 47.541 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020413.D

Acq: 22 Nov 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

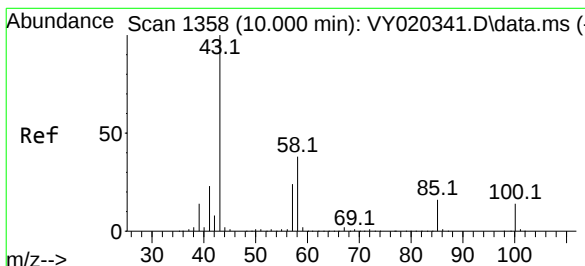
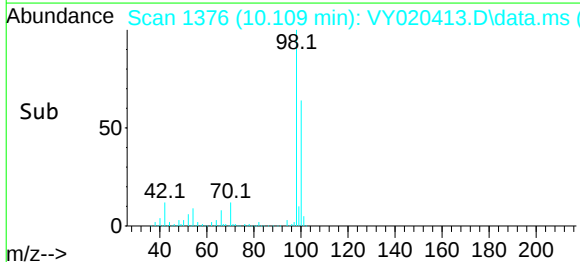
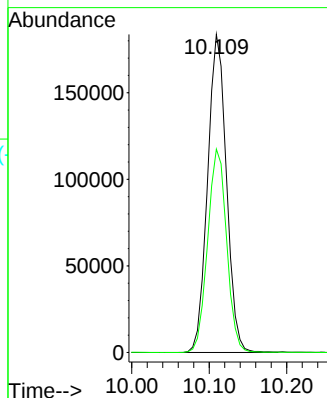
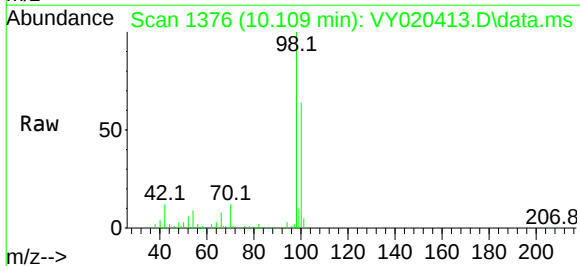
BW-1

Tgt Ion: 98 Resp: 310464

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.274 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY020413.D

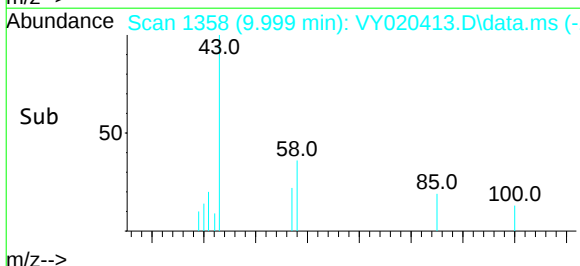
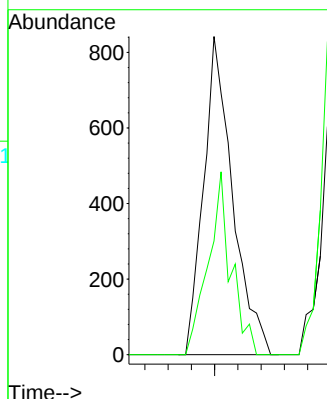
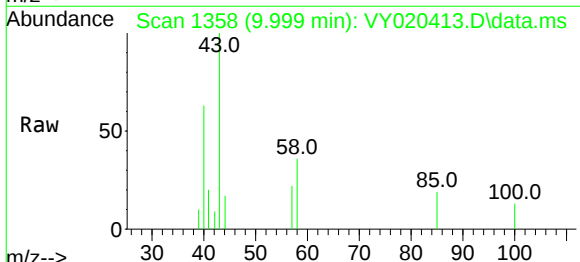
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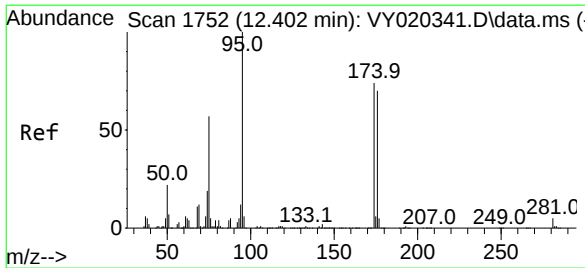
Tgt Ion: 43 Resp: 1458

Ion Ratio Lower Upper

43 100

58 45.4 30.9 46.3

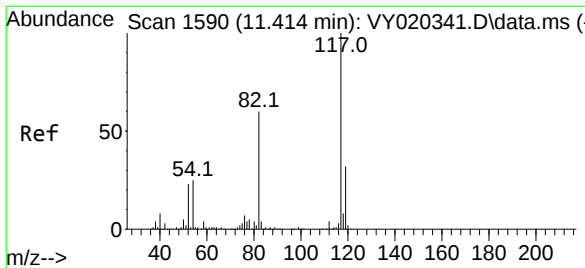
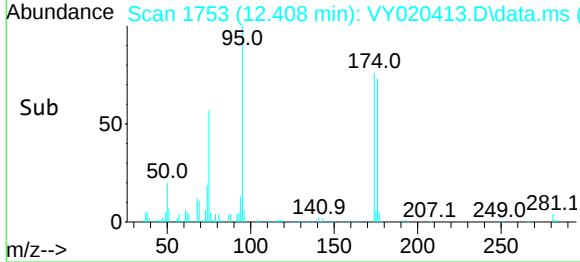
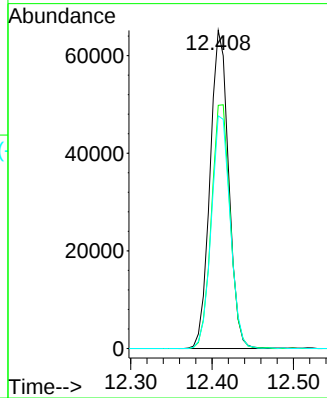
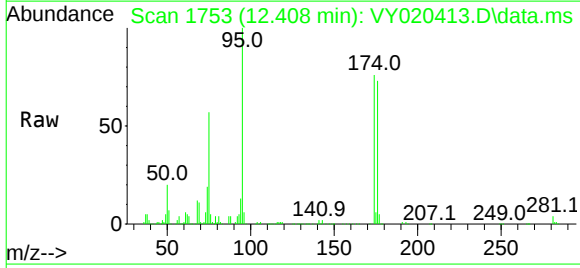




#62
4-Bromofluorobenzene
Concen: 49.335 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

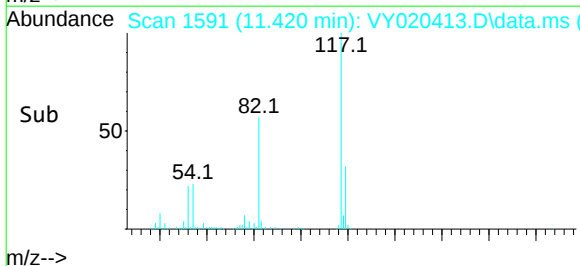
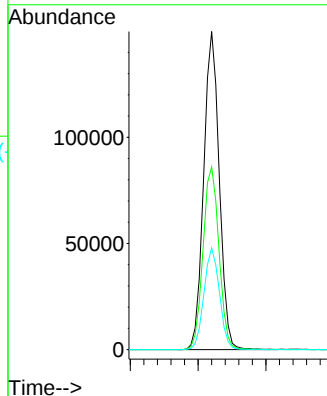
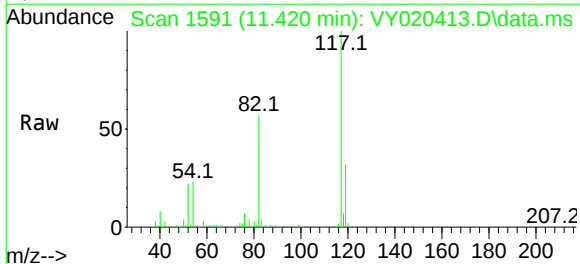
Instrument :
MSVOA_Y
ClientSampleId :
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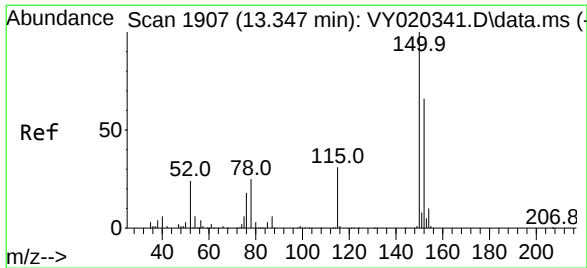
Tgt Ion: 95 Resp: 103571
Ion Ratio Lower Upper
95 100
174 77.2 0.0 156.8
176 74.3 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

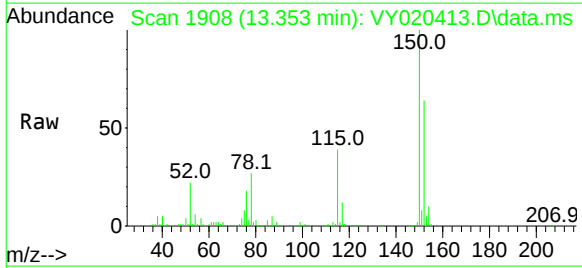
Tgt Ion: 117 Resp: 238609
Ion Ratio Lower Upper
117 100
82 57.4 48.2 72.4
119 32.0 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY020413.D
 Acq: 22 Nov 2024 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1



Tgt Ion:	152	Resp:	94206
Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.0	90.0
150	153.8	0.0	348.2

