

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020412.D
 Acq On : 22 Nov 2024 14:50
 Operator : SY/MD
 Sample : P4946-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2

Quant Time: Nov 23 00:01:28 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)

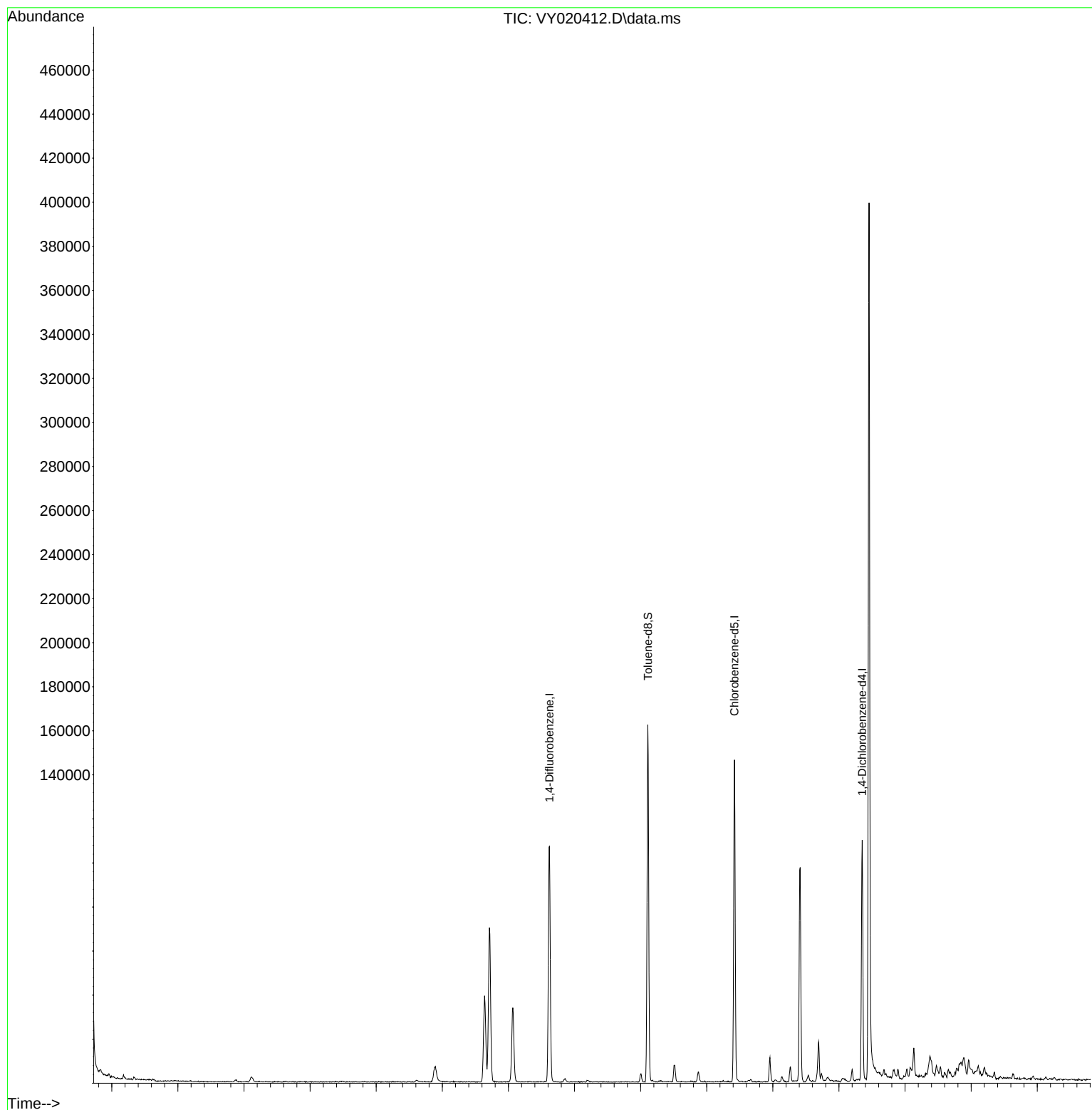
Internal Standards						
1) Pentafluorobenzene	7.713	168	51274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	89204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	73882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	26451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	28442	48.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.560%
35) Dibromofluoromethane	7.640	113	27573	48.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.400%
50) Toluene-d8	10.109	98	103851	46.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.180%
62) 4-Bromofluorobenzene	12.407	95	30322	41.861	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.720%
Target Compounds						
17) Carbon Disulfide	4.116	76	4702	2.495	ug/l	97
51) 4-Methyl-2-Pentanone	10.005	43	2781	7.041	ug/l	97

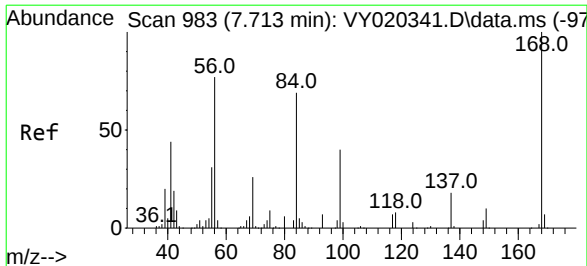
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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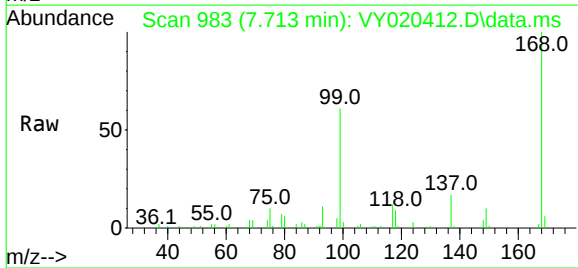
Quant Time: Nov 23 00:01:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration



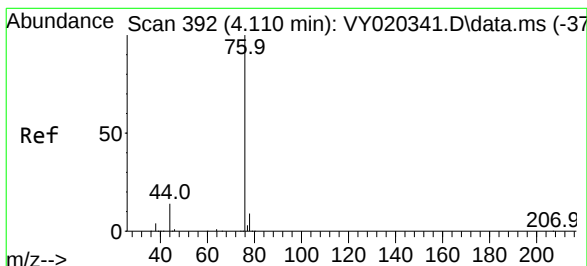
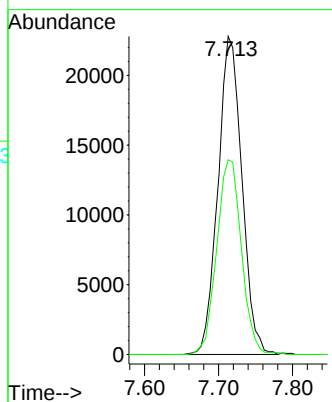
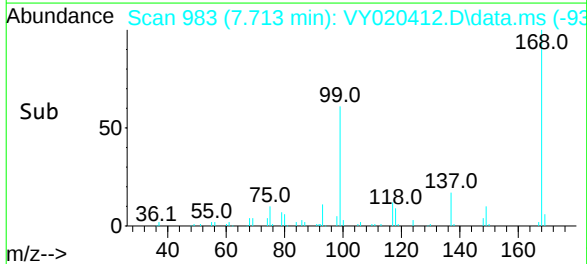


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.000 min
Lab File: VY020412.D
Acq: 22 Nov 2024 14:50

Instrument :
MSVOA_Y
ClientSampleId :
BW-2

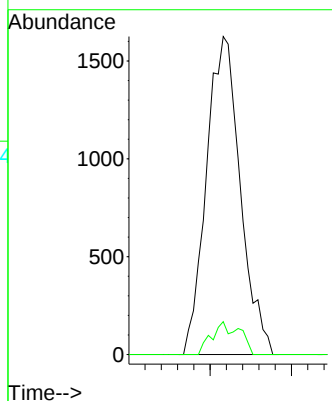
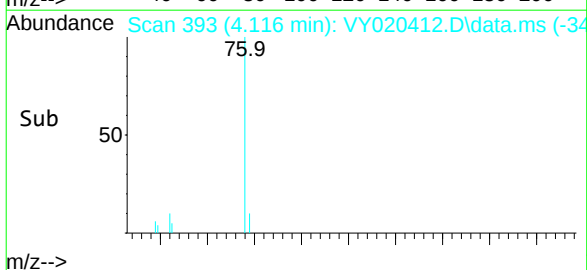
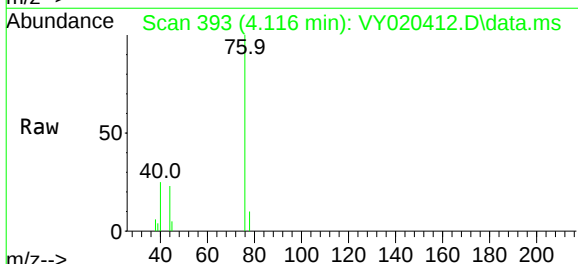


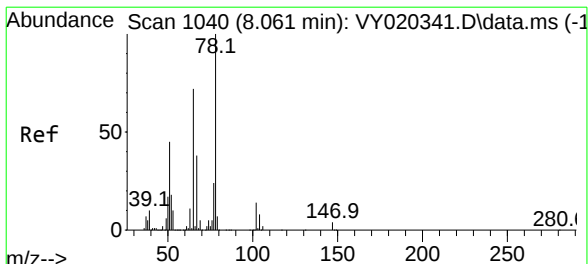
Tgt Ion:168 Resp: 51274
Ion Ratio Lower Upper
168 100
99 61.2 46.6 69.8



#17
Carbon Disulfide
Concen: 2.495 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY020412.D
Acq: 22 Nov 2024 14:50

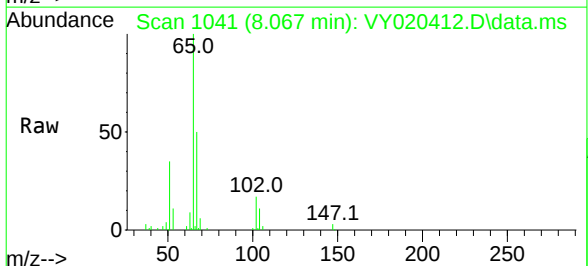
Tgt Ion: 76 Resp: 4702
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



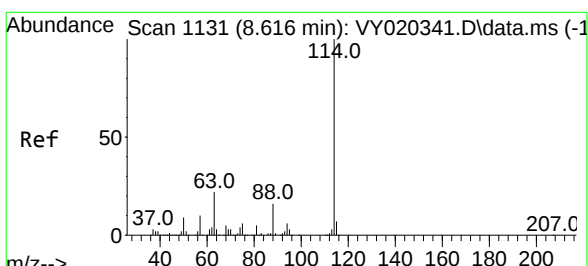
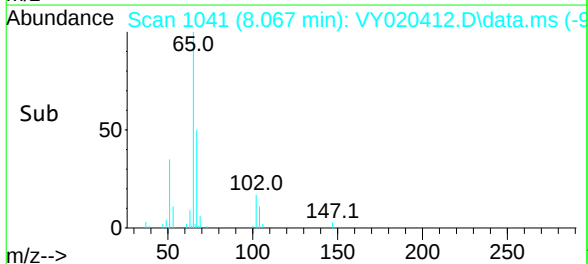
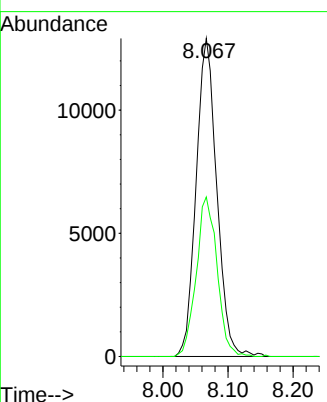


#33
 1,2-Dichloroethane-d4
 Concen: 48.282 ug/l
 RT: 8.067 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY020412.D
 Acq: 22 Nov 2024 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2

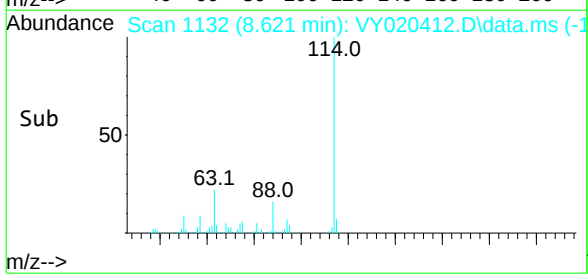
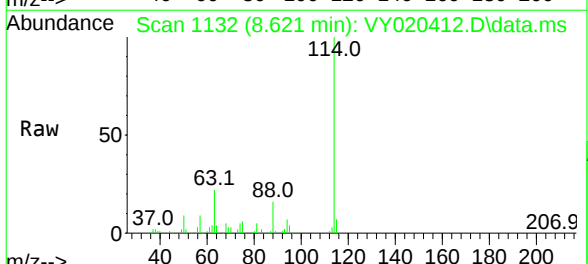
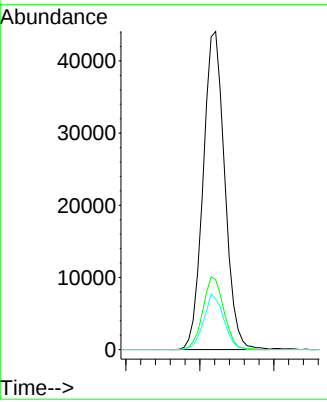


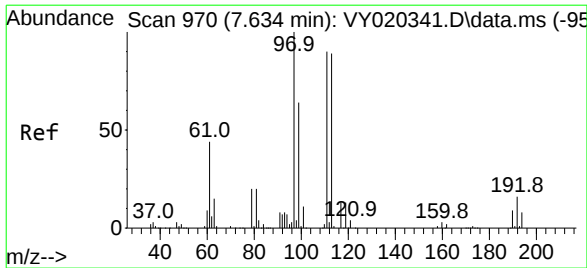
Tgt Ion:	65	Resp:	28442
Ion Ratio	Lower	Upper	
65	100		
67	50.6	0.0	105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.621 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY020412.D
 Acq: 22 Nov 2024 14:50

Tgt Ion:	114	Resp:	89204
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	44.8
88	15.9	0.0	32.0

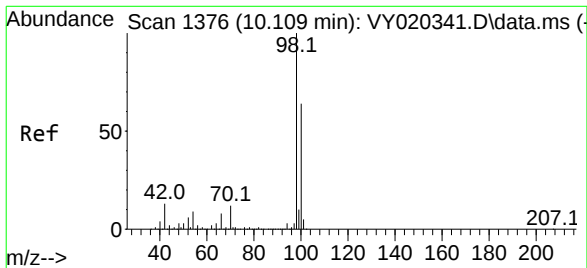
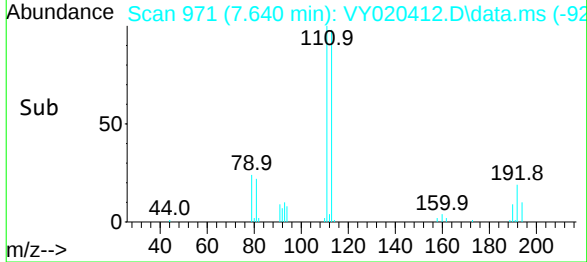
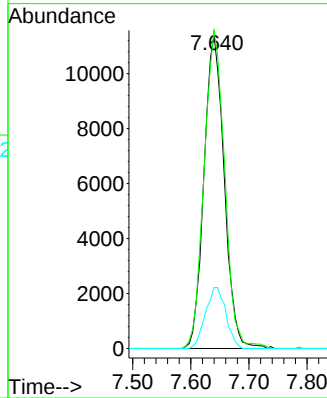
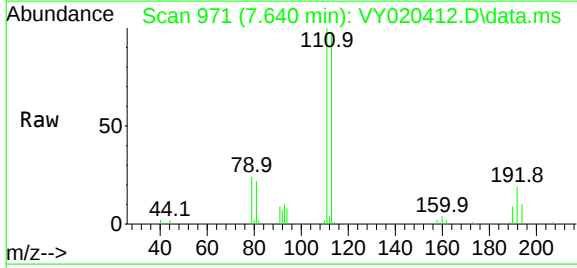




#35
Dibromofluoromethane
Concen: 48.204 ug/l
RT: 7.640 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY020412.D
Acq: 22 Nov 2024 14:50

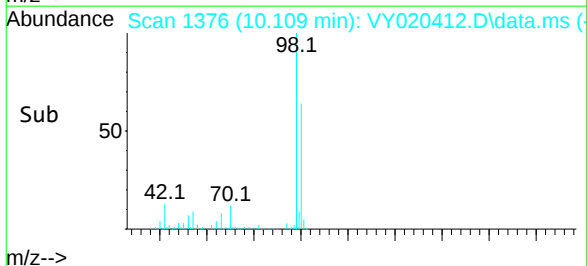
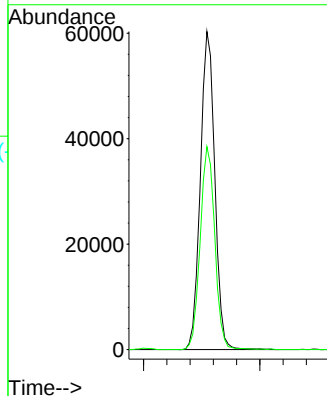
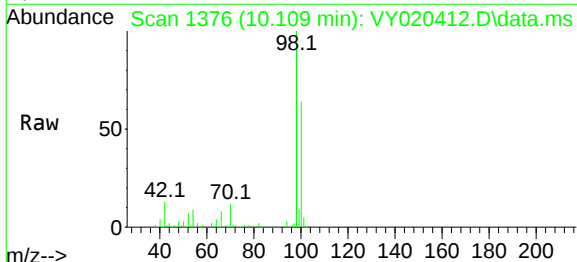
Instrument :
MSVOA_Y
ClientSampleId :
BW-2

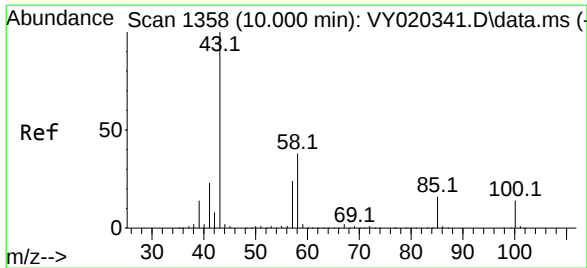
Tgt Ion:113 Resp: 27573
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.6 15.1 22.7



#50
Toluene-d8
Concen: 46.090 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020412.D
Acq: 22 Nov 2024 14:50

Tgt Ion: 98 Resp: 103851
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

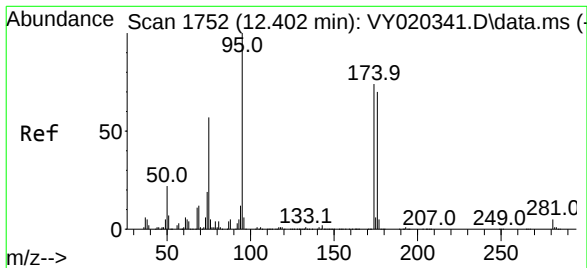
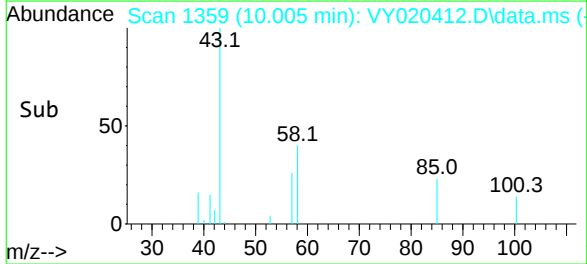
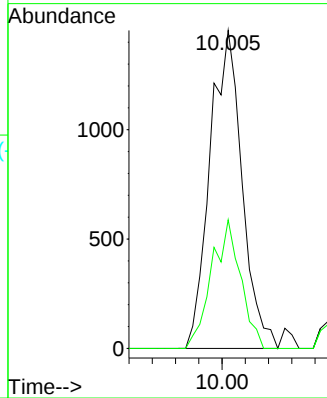
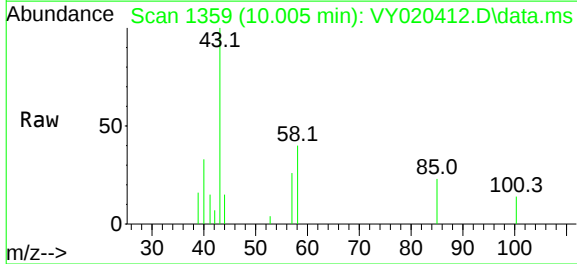




#51
4-Methyl-2-Pentanone
Concen: 7.041 ug/l
RT: 10.005 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY020412.D
Acq: 22 Nov 2024 14:50

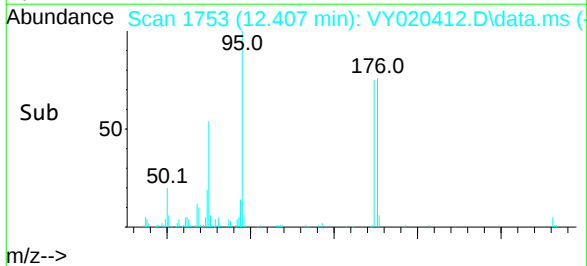
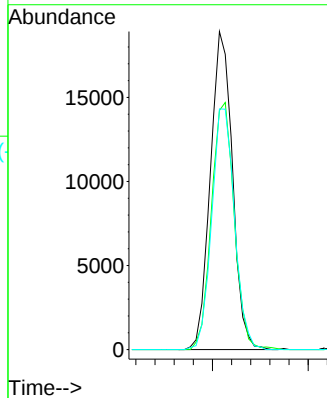
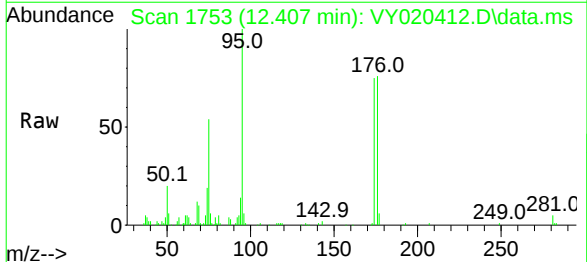
Instrument :
MSVOA_Y
ClientSampleId :
BW-2

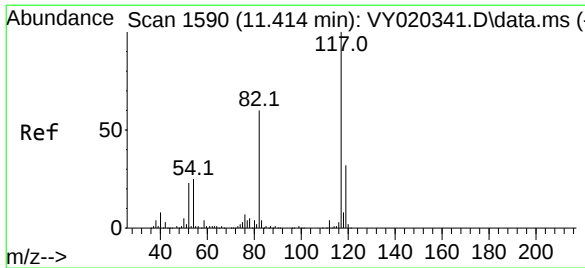
Tgt Ion: 43 Resp: 2781
Ion Ratio Lower Upper
43 100
58 36.6 30.9 46.3



#62
4-Bromofluorobenzene
Concen: 41.861 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020412.D
Acq: 22 Nov 2024 14:50

Tgt Ion: 95 Resp: 30322
Ion Ratio Lower Upper
95 100
174 79.9 0.0 156.8
176 78.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VY020412.D

Acq: 22 Nov 2024 14:50

Instrument :

MSVOA_Y

ClientSampleId :

BW-2

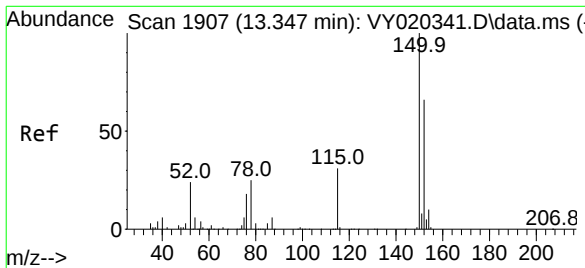
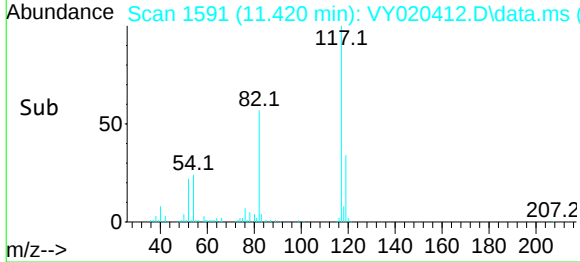
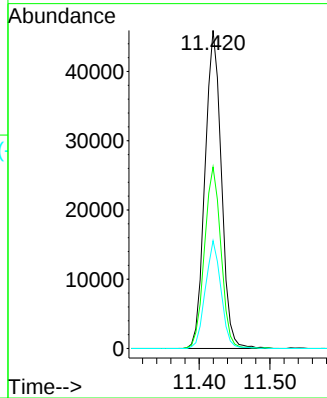
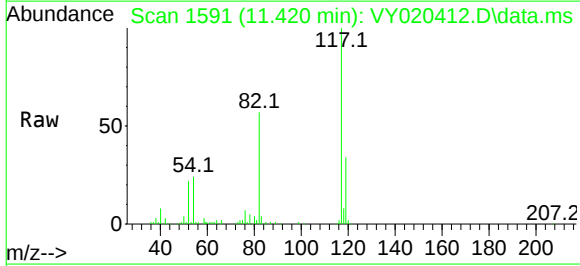
Tgt Ion:117 Resp: 73882

Ion Ratio Lower Upper

117 100

82 57.1 48.2 72.4

119 33.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020412.D

Acq: 22 Nov 2024 14:50

Tgt Ion:152 Resp: 26451

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 158.8 0.0 348.2

