

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020440.D
 Acq On : 25 Nov 2024 19:17
 Operator : SY/MD
 Sample : P4946-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2

Quant Time: Nov 26 00:48:42 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)

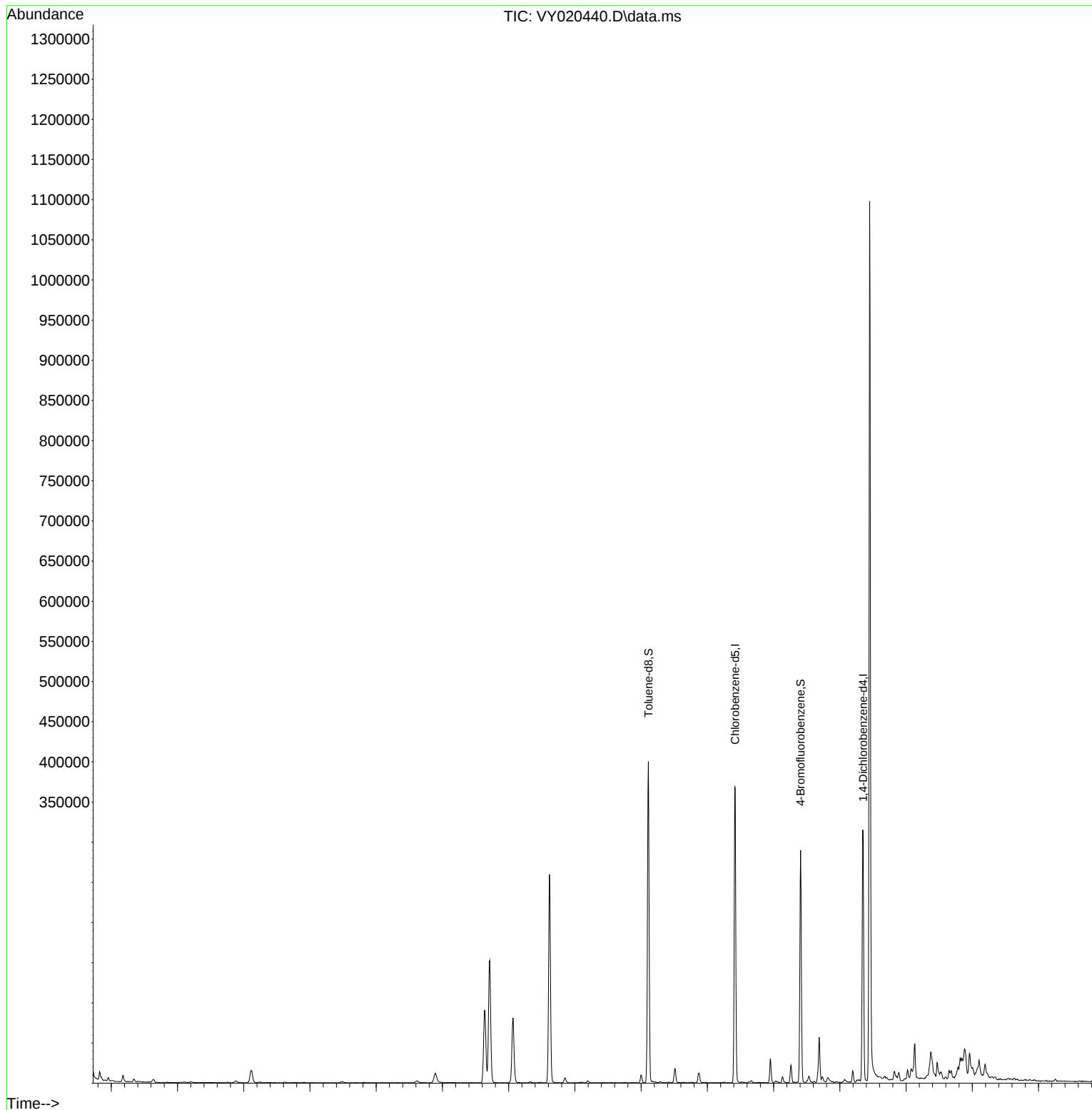
Internal Standards						
1) Pentafluorobenzene	7.713	168	111578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	208438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	193414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	77568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	65526	51.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.240%
35) Dibromofluoromethane	7.634	113	64650	48.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.109	98	251630	47.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.408	95	84681	50.032	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.060%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	4153	13.514	ug/l	94
17) Carbon Disulfide	4.110	76	32281	7.872	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	6555	7.103	ug/l	99

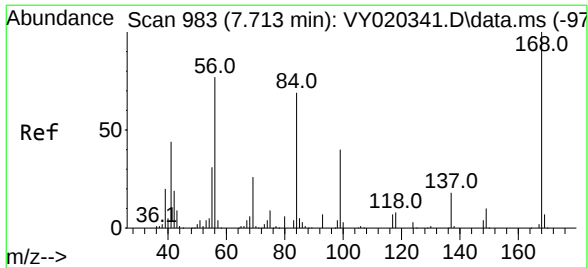
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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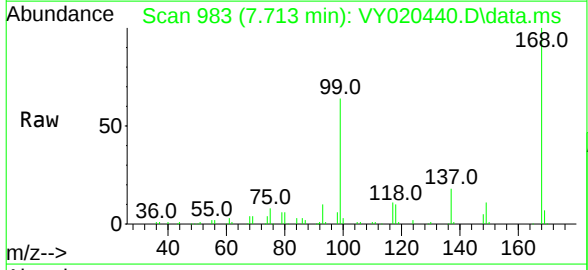
Quant Time: Nov 26 00:48:42 2024
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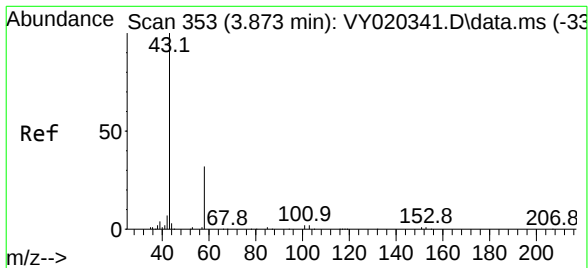
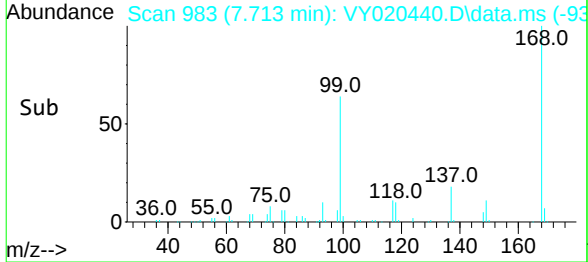
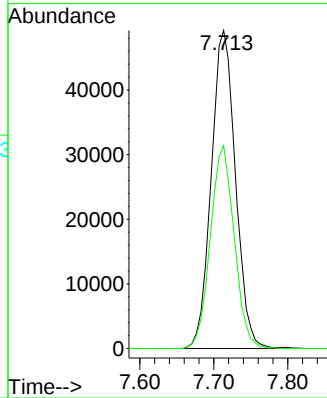


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VY020440.D
 Acq: 25 Nov 2024 19:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2

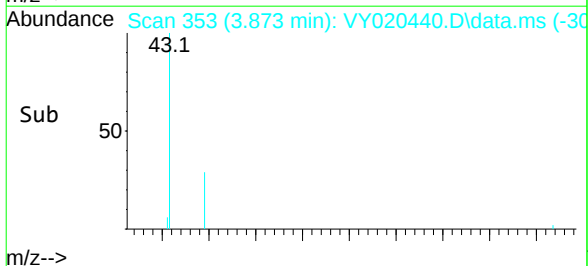
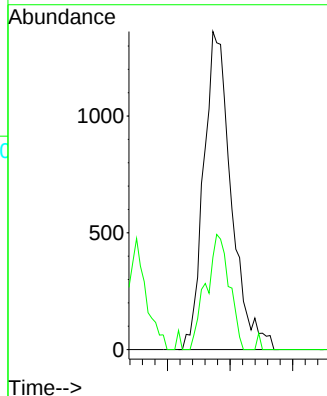
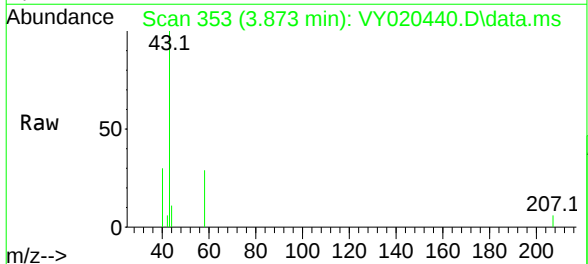


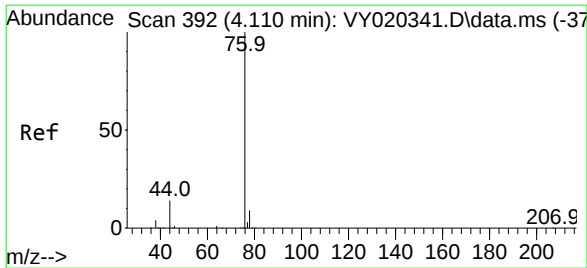
Tgt Ion: 168 Resp: 111578
 Ion Ratio Lower Upper
 168 100
 99 63.8 46.6 69.8



#16
 Acetone
 Concen: 13.514 ug/l
 RT: 3.873 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VY020440.D
 Acq: 25 Nov 2024 19:17

Tgt Ion: 43 Resp: 4153
 Ion Ratio Lower Upper
 43 100
 58 29.0 25.7 38.5

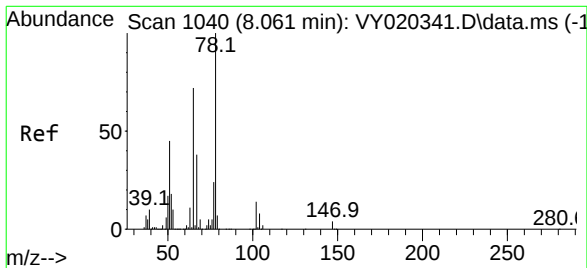
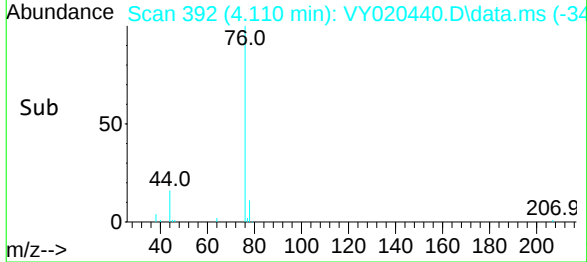
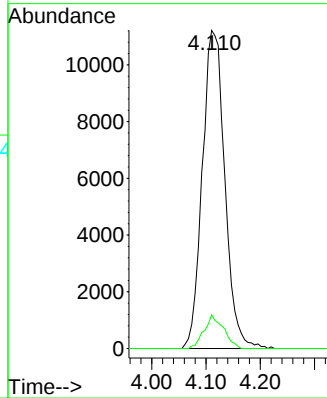
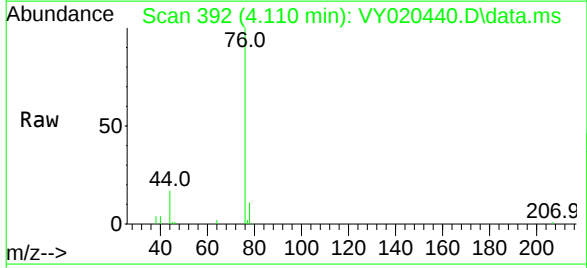




#17
Carbon Disulfide
Concen: 7.872 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

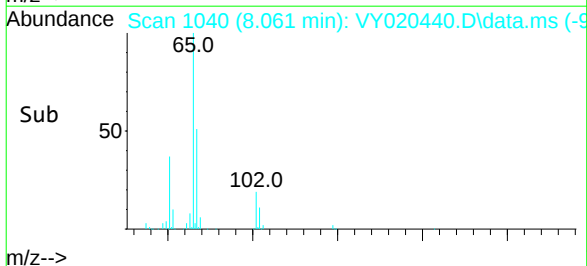
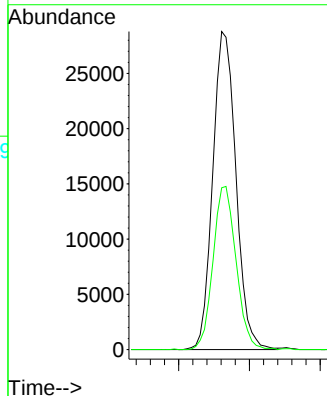
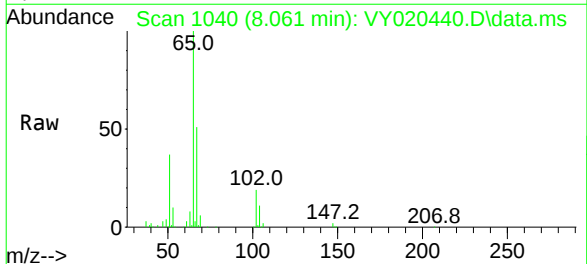
Instrument :
MSVOA_Y
ClientSampleId :
BW-2

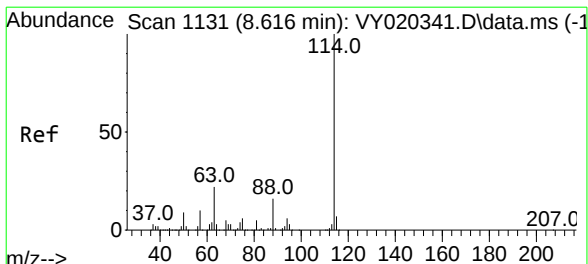
Tgt Ion: 76 Resp: 32281
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 51.116 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Tgt Ion: 65 Resp: 65526
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.8

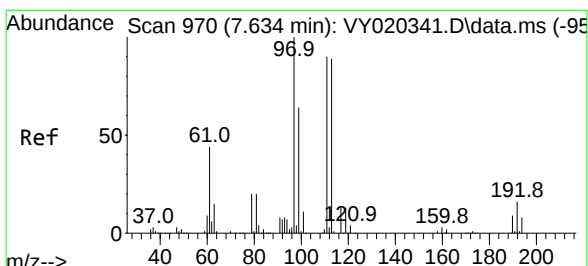
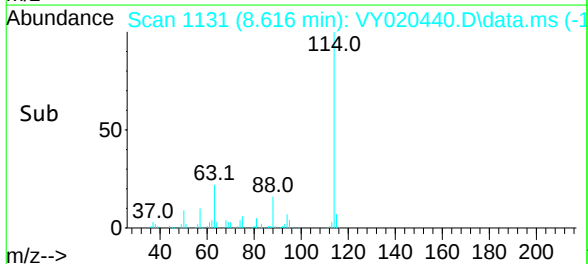
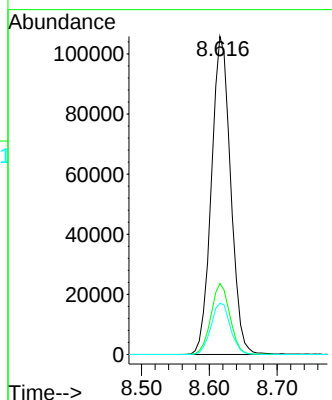
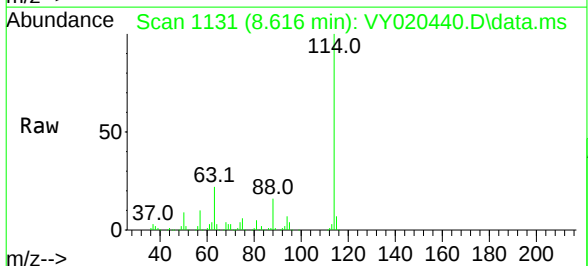




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020440.D
 Acq: 25 Nov 2024 19:17

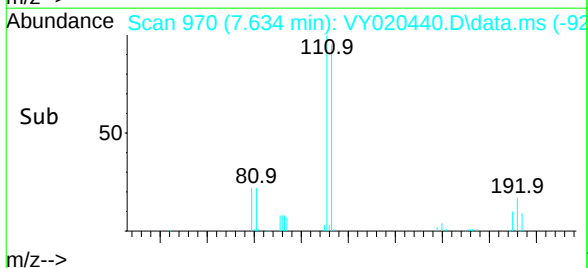
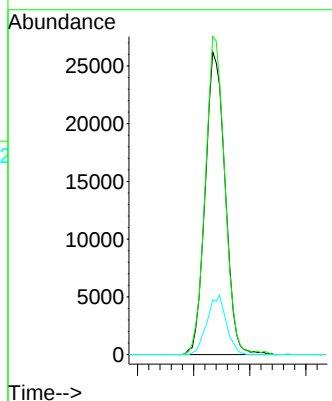
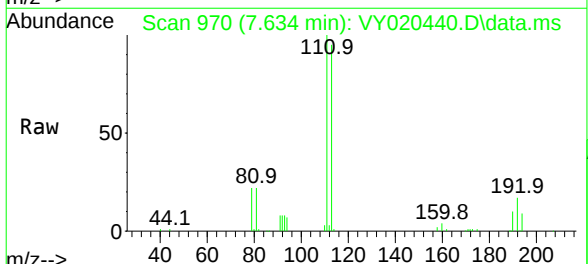
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2

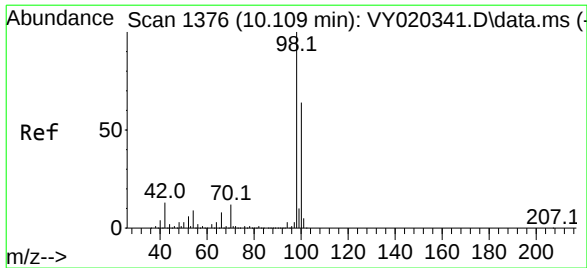
Tgt Ion:	114	Resp:	208438
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.8
88	16.1	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.370 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020440.D
 Acq: 25 Nov 2024 19:17

Tgt Ion:	113	Resp:	64650
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	19.0	15.1	22.7





#50

Toluene-d8

Concen: 47.793 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020440.D

Acq: 25 Nov 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :

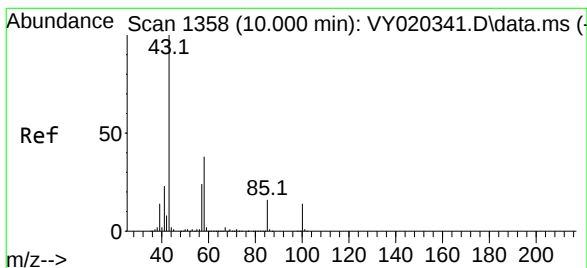
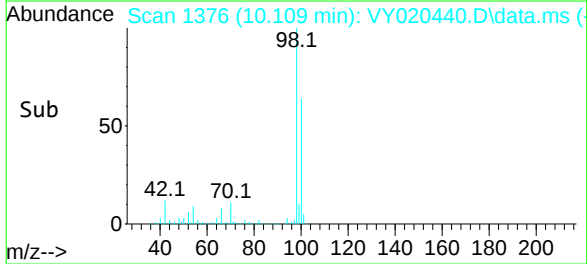
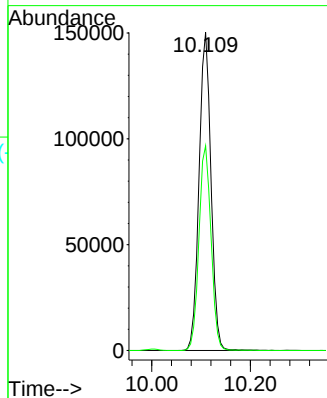
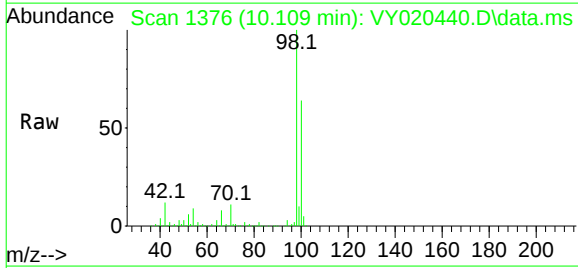
BW-2

Tgt Ion: 98 Resp: 251630

Ion Ratio Lower Upper

98 100

100 65.4 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 7.103 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY020440.D

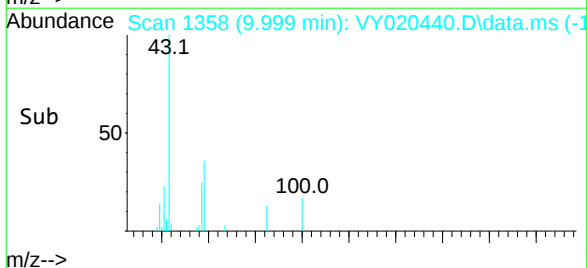
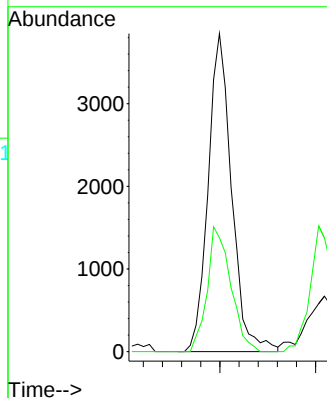
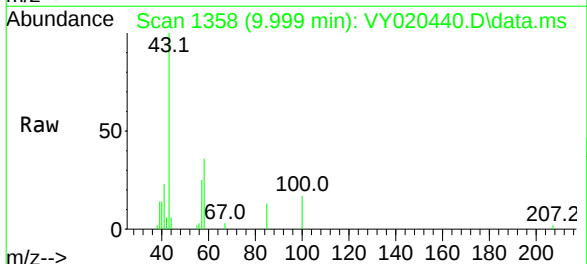
Acq: 25 Nov 2024 19:17

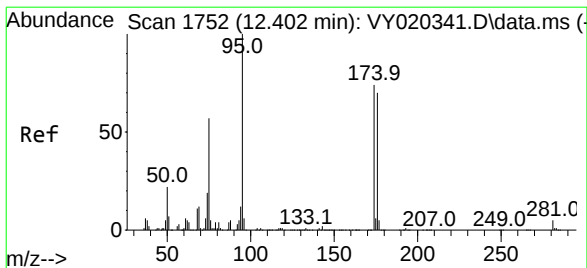
Tgt Ion: 43 Resp: 6555

Ion Ratio Lower Upper

43 100

58 39.3 30.9 46.3





#62

4-Bromofluorobenzene

Concen: 50.032 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VY020440.D

Acq: 25 Nov 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :

BW-2

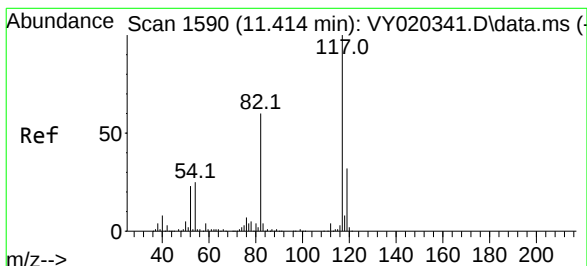
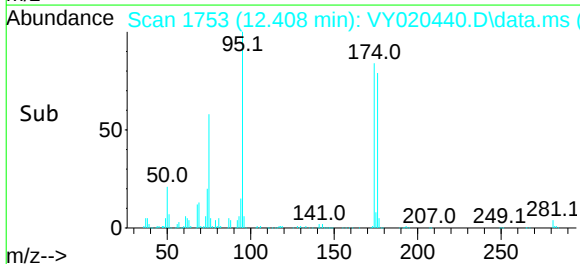
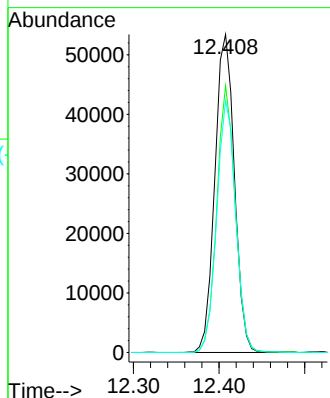
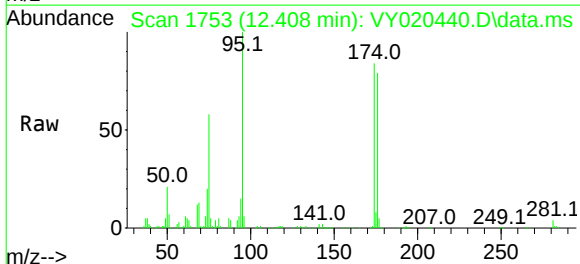
Tgt Ion: 95 Resp: 84681

Ion Ratio Lower Upper

95 100

174 79.3 0.0 156.8

176 77.4 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: VY020440.D

Acq: 25 Nov 2024 19:17

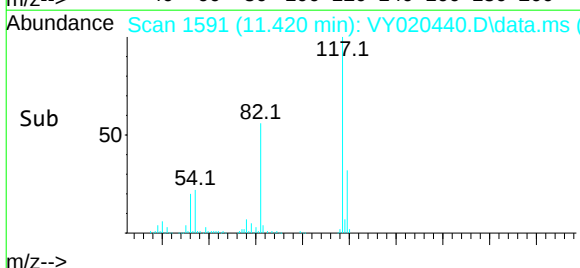
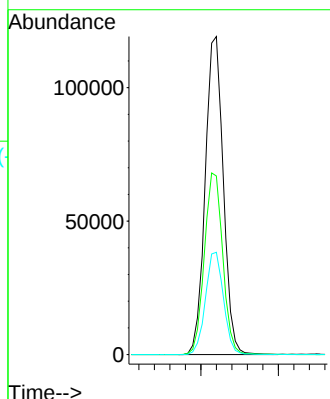
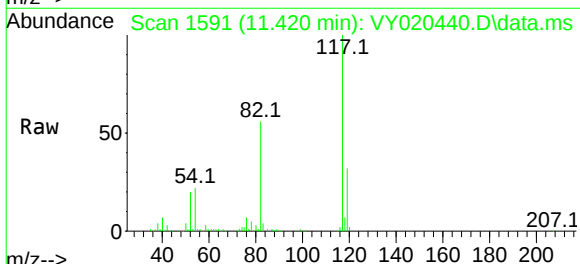
Tgt Ion: 117 Resp: 193414

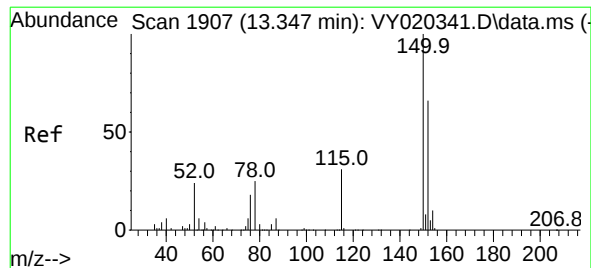
Ion Ratio Lower Upper

117 100

82 56.2 48.2 72.4

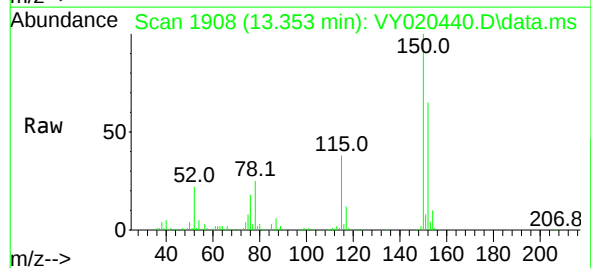
119 32.2 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 19
Delta R.T. 0.006 min
Lab File: VY020440.D
Acq: 25 Nov 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :
BW-2



Tgt Ion:152 Resp: 77568
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.0
150 157.1 0.0 348.2

