

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020535.D
 Acq On : 06 Dec 2024 14:43
 Operator : SY/MD
 Sample : P5100-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 324

Quant Time: Dec 07 04:32:04 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)

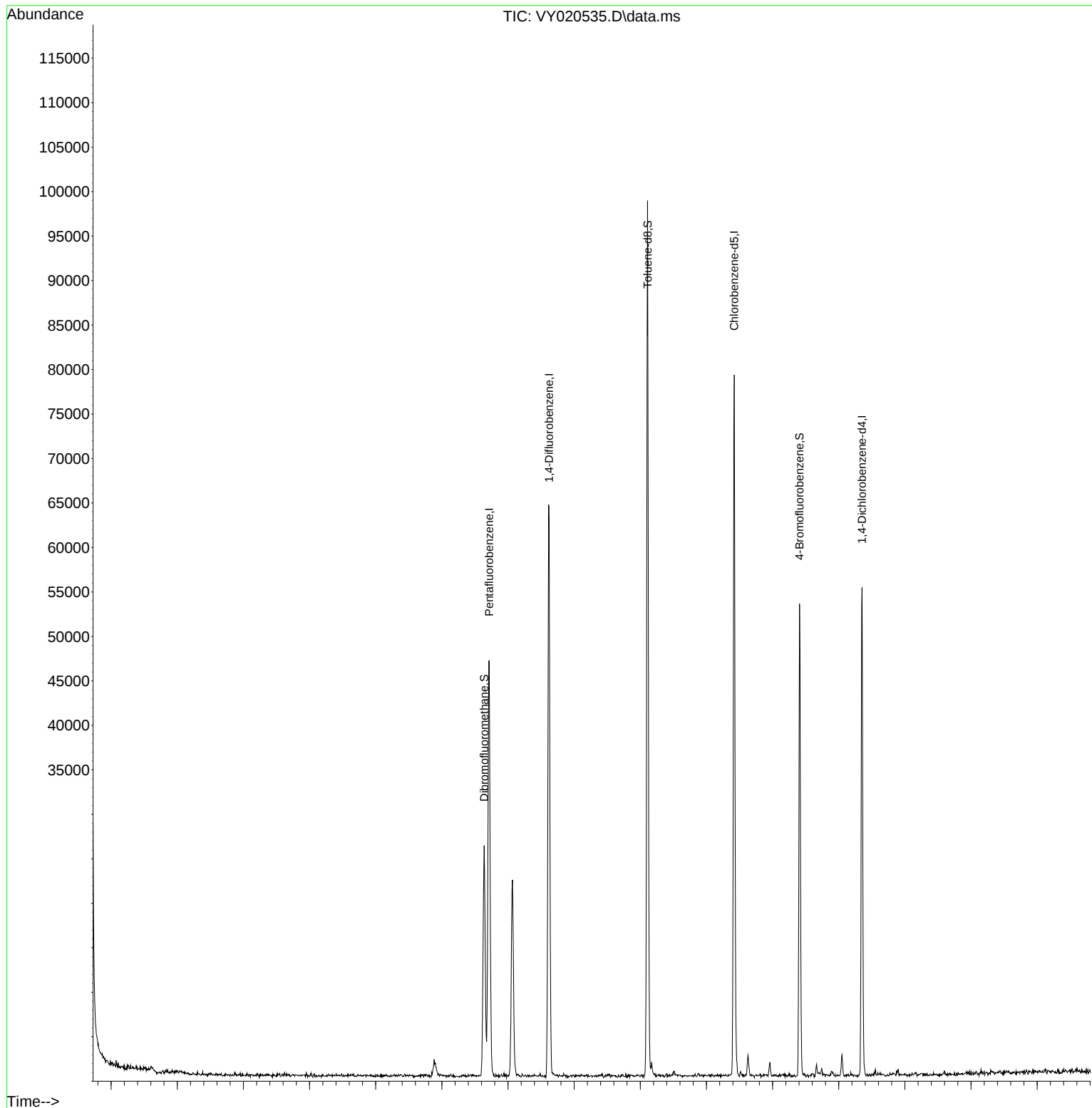
Internal Standards						
1) Pentafluorobenzene	7.713	168	34590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	54202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	40905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	13906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	18858	53.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.220%
35) Dibromofluoromethane	7.640	113	17744	52.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.000%
50) Toluene-d8	10.109	98	61602	47.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.408	95	16764	36.890	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.780%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.627	106	781	1.110	ug/l	92
84) 1,2,4-Trimethylbenzene	13.048	105	1691	1.614	ug/l	95

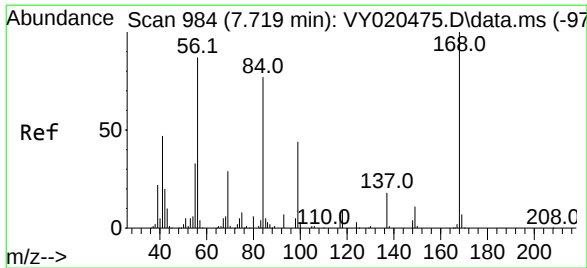
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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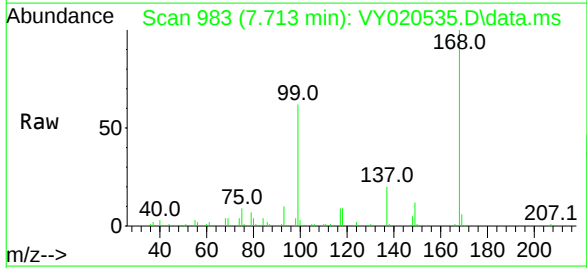
Quant Time: Dec 07 04:32:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
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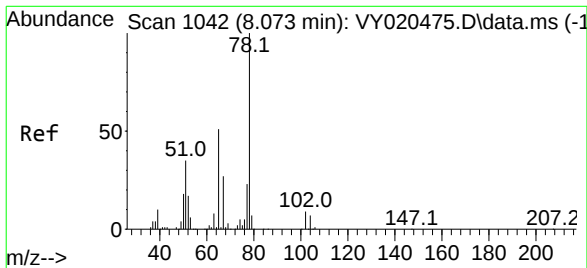
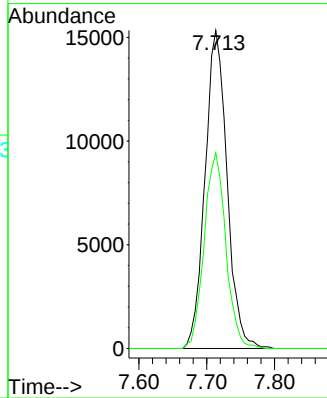
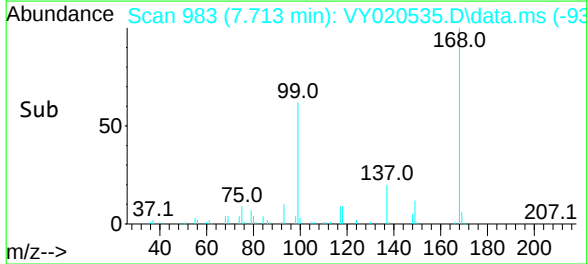


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43

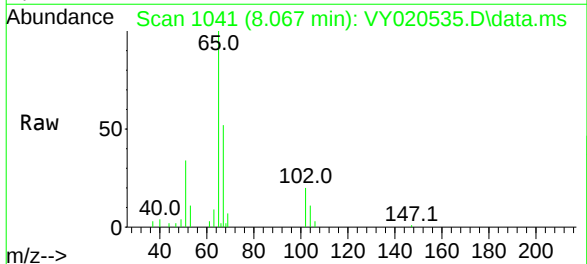
Instrument :
MSVOA_Y
ClientSampleId :
324



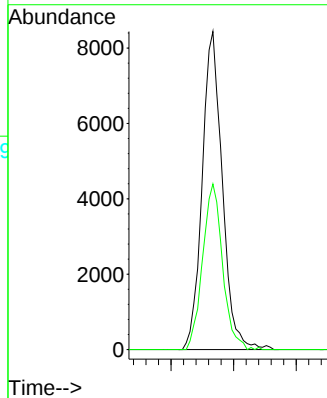
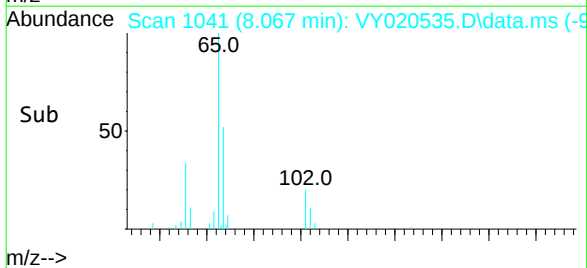
Tgt Ion: 168 Resp: 34590
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8

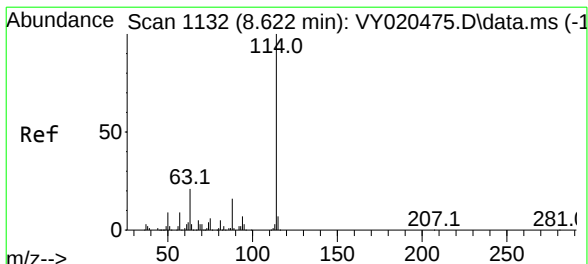


#33
1,2-Dichloroethane-d4
Concen: 53.606 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020535.D
Acq: 06 Dec 2024 14:43



Tgt Ion: 65 Resp: 18858
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8

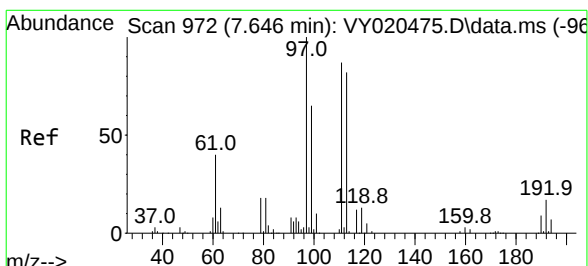
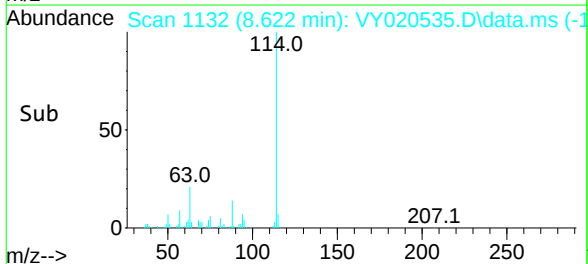
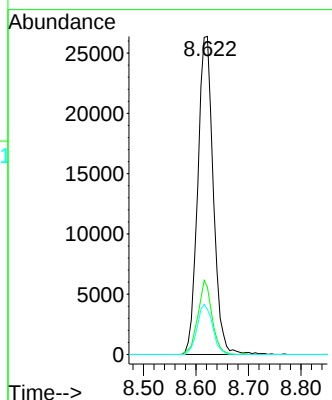
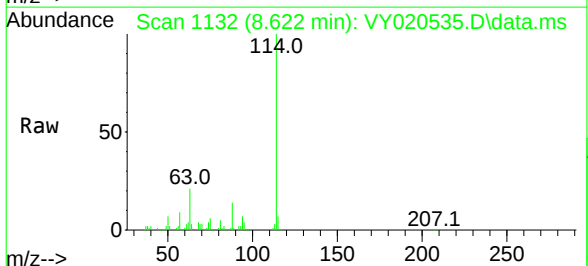




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VY020535.D
 Acq: 06 Dec 2024 14:43

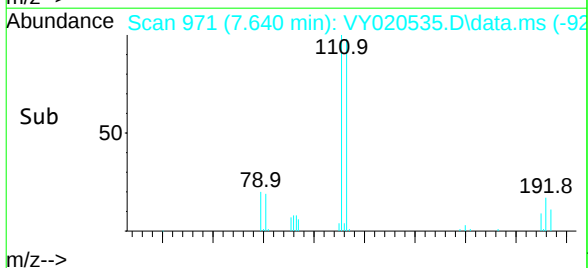
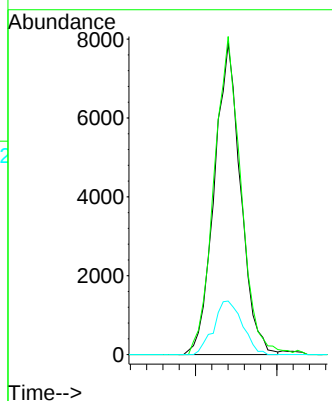
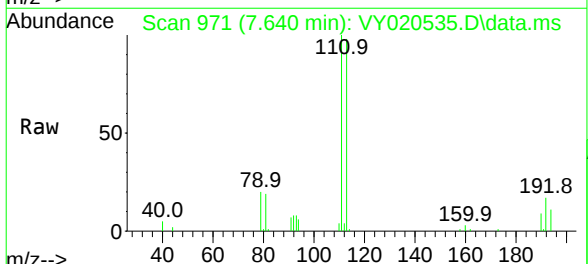
Instrument :
 MSVOA_Y
 ClientSampleId :
 324

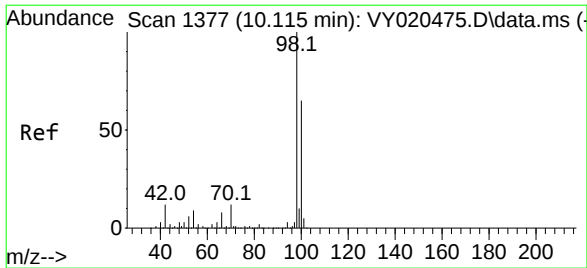
Tgt Ion:	114	Resp:	54202
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.8
88	14.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 52.001 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.006 min
 Lab File: VY020535.D
 Acq: 06 Dec 2024 14:43

Tgt Ion:	113	Resp:	17744
Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.4	122.0
192	18.7	15.1	22.7





#50

Toluene-d8

Concen: 47.410 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

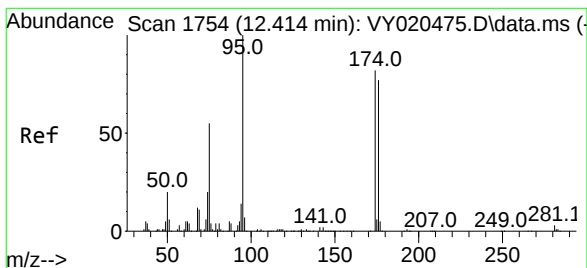
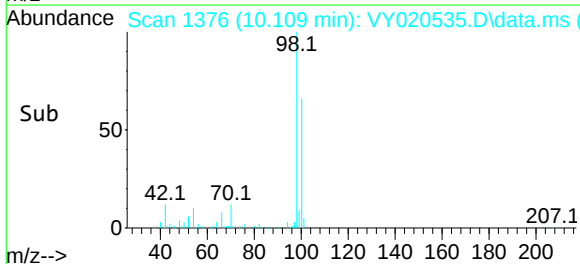
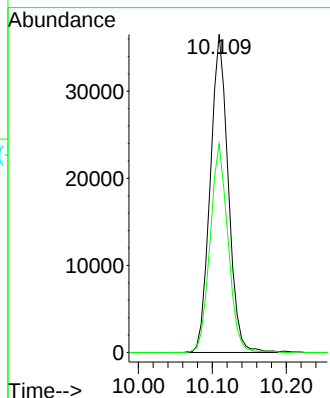
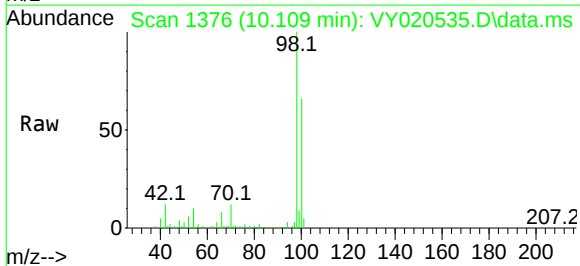
324

Tgt Ion: 98 Resp: 61602

Ion Ratio Lower Upper

98 100

100 65.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 36.890 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

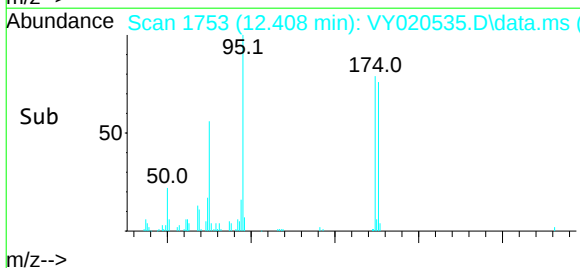
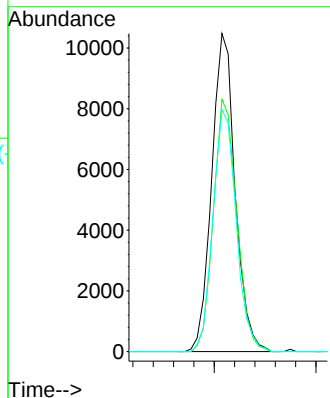
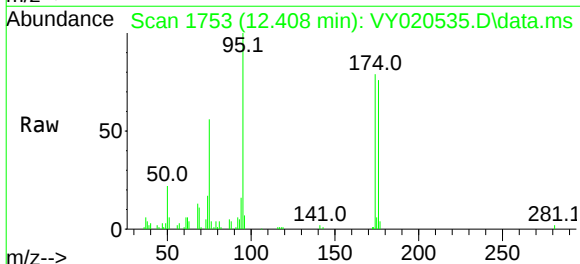
Tgt Ion: 95 Resp: 16764

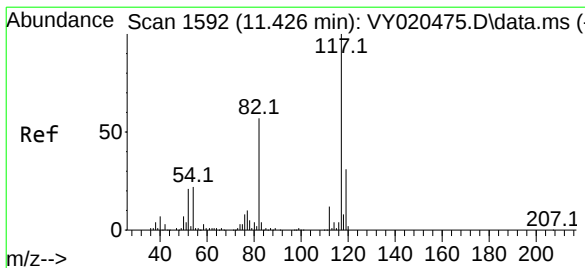
Ion Ratio Lower Upper

95 100

174 78.9 0.0 156.8

176 75.7 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

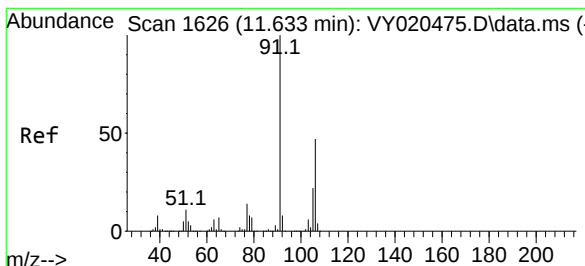
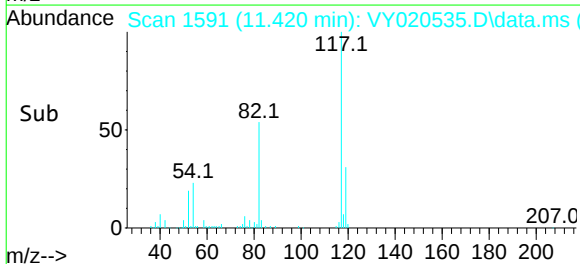
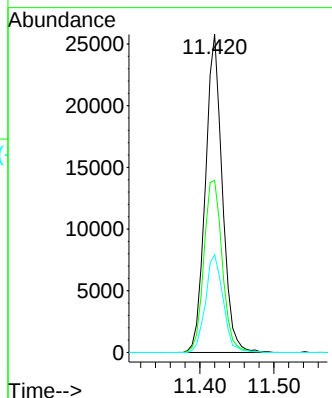
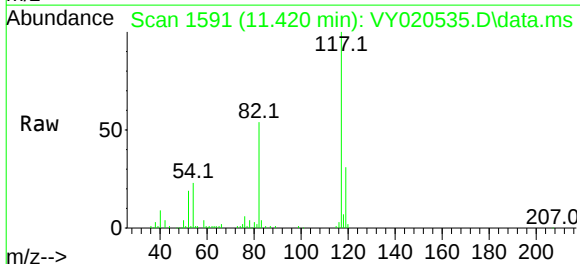
Instrument :

MSVOA_Y

ClientSampleId :

324

Tgt Ion:	117	Resp:	40905
Ion	Ratio	Lower	Upper
117	100		
82	54.1	48.2	72.4
119	30.8	25.8	38.8



#68

m/p-Xylenes

Concen: 1.110 ug/l

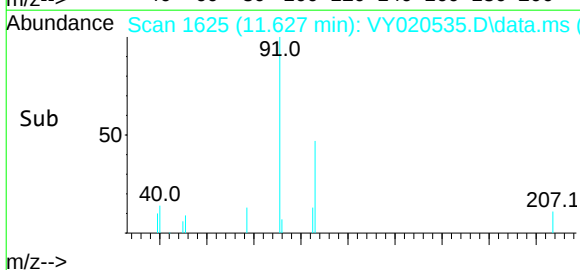
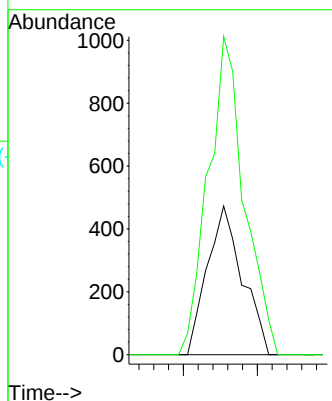
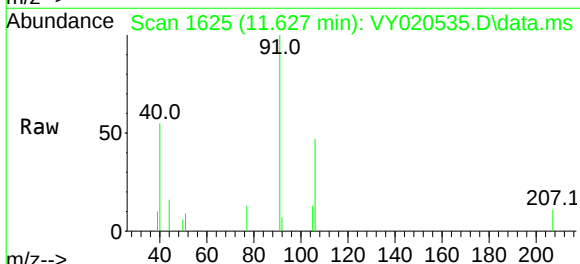
RT: 11.627 min Scan# 1625

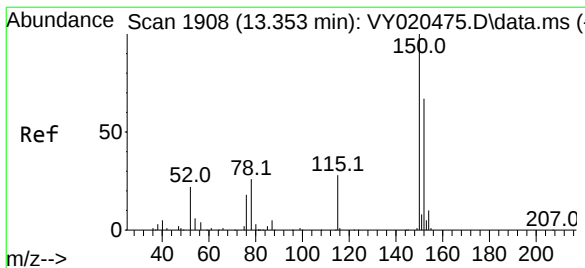
Delta R.T. -0.006 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

Tgt Ion:	106	Resp:	781
Ion	Ratio	Lower	Upper
106	100		
91	219.8	166.0	249.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

324

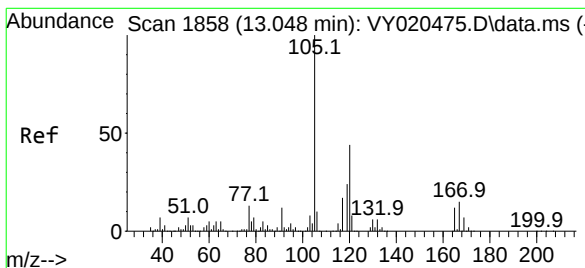
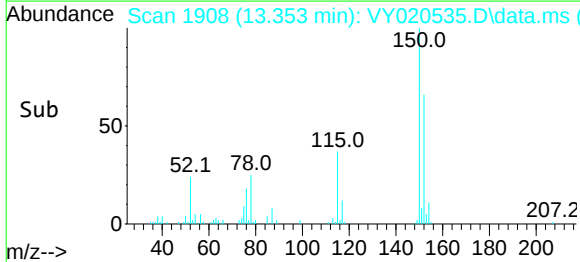
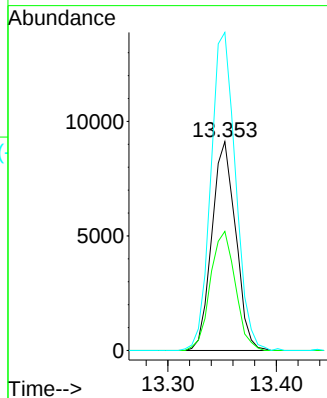
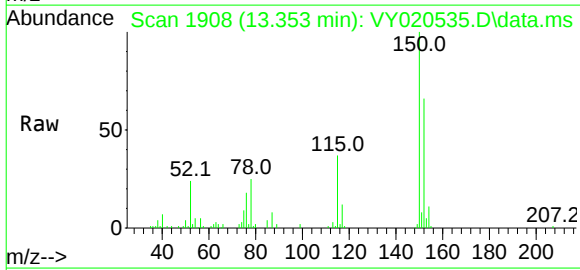
Tgt Ion:152 Resp: 13906

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 158.5 0.0 348.2



#84

1,2,4-Trimethylbenzene

Concen: 1.614 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020535.D

Acq: 06 Dec 2024 14:43

Tgt Ion:105 Resp: 1691

Ion Ratio Lower Upper

105 100

120 47.0 22.0 66.0

