

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020538.D
 Acq On : 06 Dec 2024 15:54
 Operator : SY/MD
 Sample : P5136-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Dec 07 03:26:43 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)

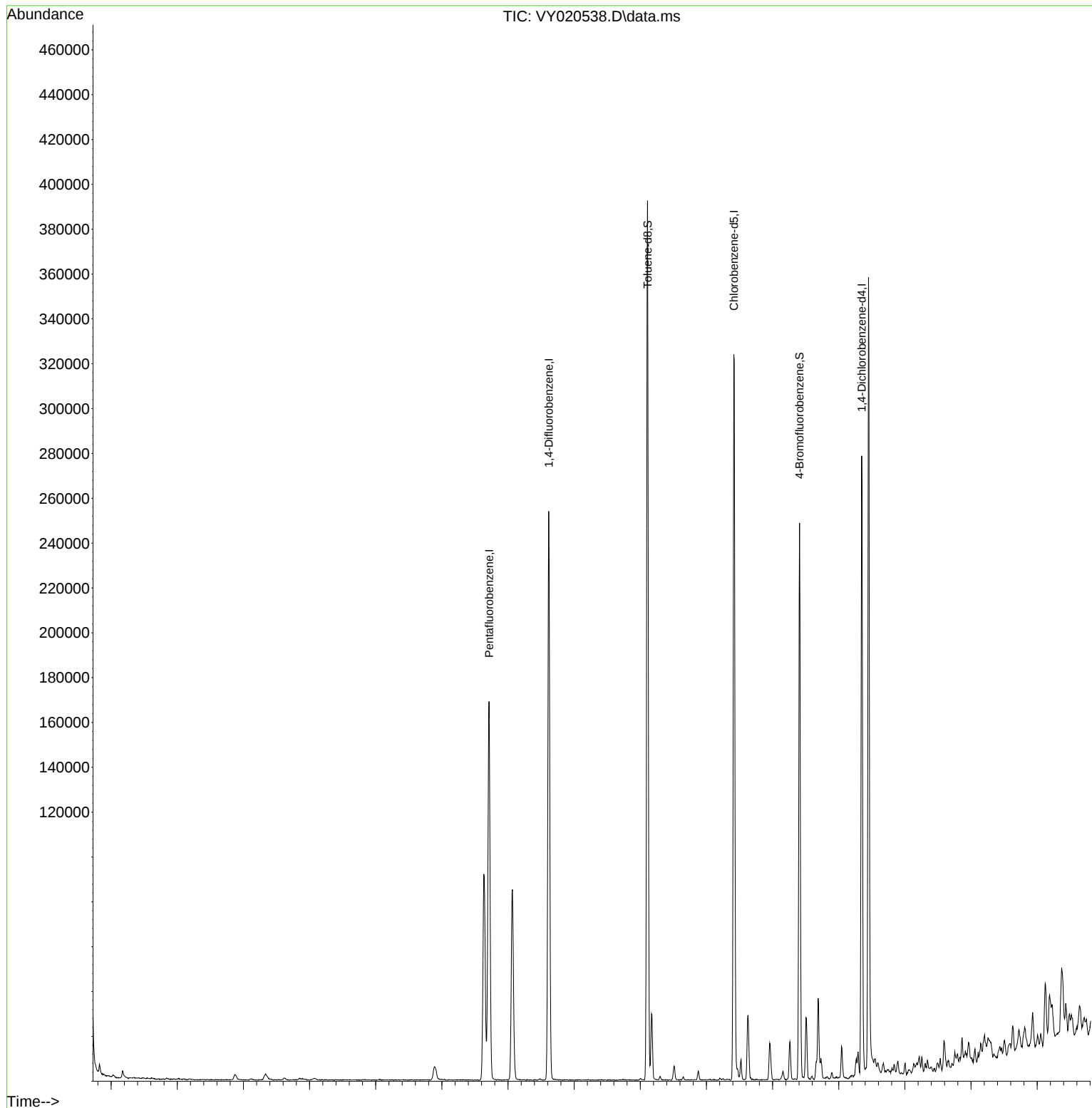
Internal Standards						
1) Pentafluorobenzene	7.713	168	123695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	210048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	172575	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	67191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	68764	54.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.320%	
35) Dibromofluoromethane	7.634	113	66154	50.028	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.060%	
50) Toluene-d8	10.109	98	249592	49.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	12.408	95	73698	41.848	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	4822	15.416	ug/l	92
52) Toluene	10.176	92	11957	2.911	ug/l	97
68) m/p-Xylenes	11.627	106	8728	2.940	ug/l	99
69) o-Xylene	11.957	106	3401	1.223	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	7728	1.526	ug/l	98
86) p-Isopropyltoluene	13.292	119	5789	1.038	ug/l #	79

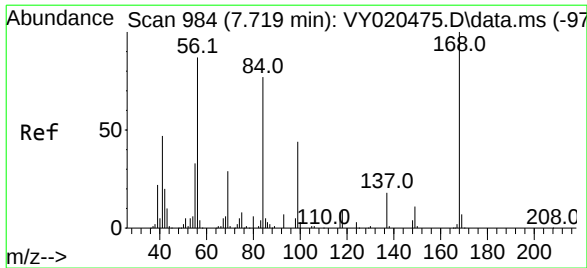
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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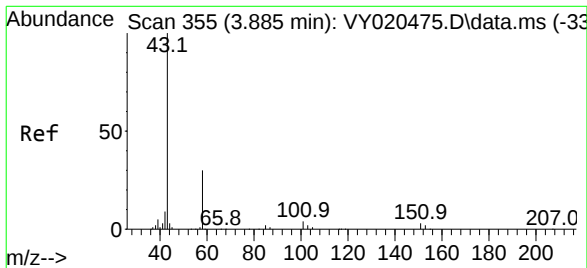
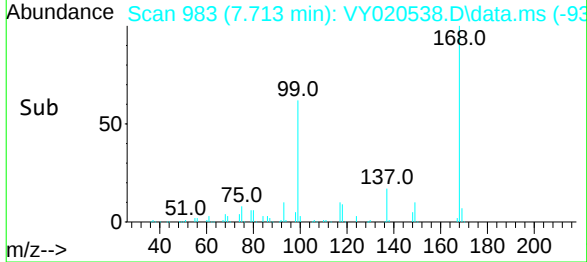
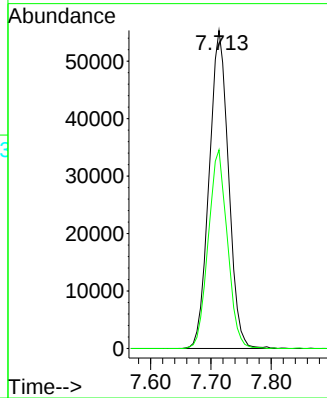
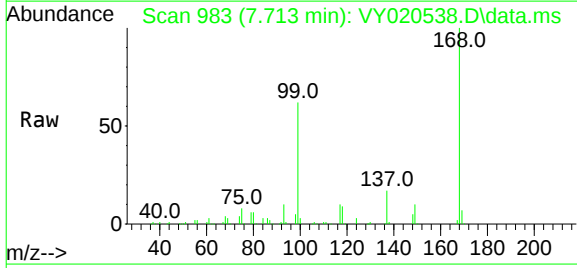




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020538.D
Acq: 06 Dec 2024 15:54

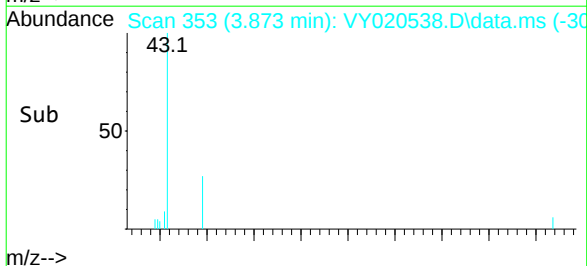
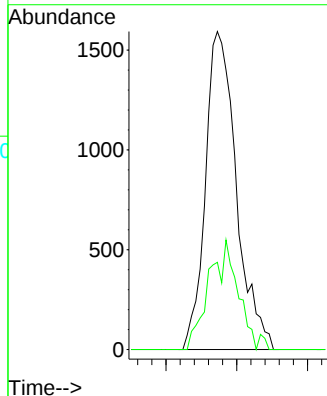
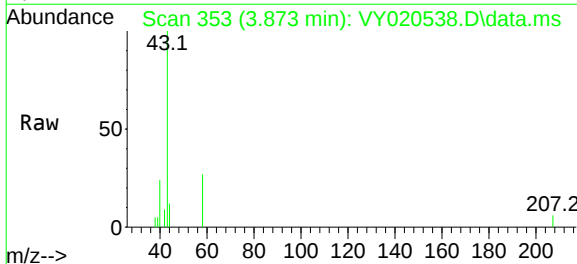
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

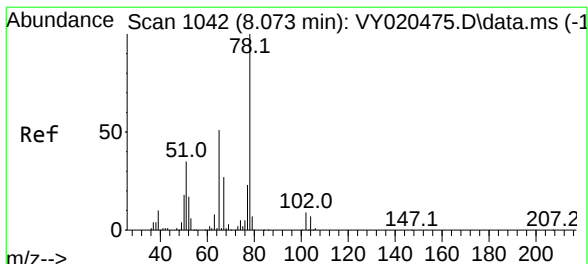
Tgt Ion:168 Resp: 123695
Ion Ratio Lower Upper
168 100
99 62.5 46.6 69.8



#16
Acetone
Concen: 15.416 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.012 min
Lab File: VY020538.D
Acq: 06 Dec 2024 15:54

Tgt Ion: 43 Resp: 4822
Ion Ratio Lower Upper
43 100
58 27.4 25.7 38.5

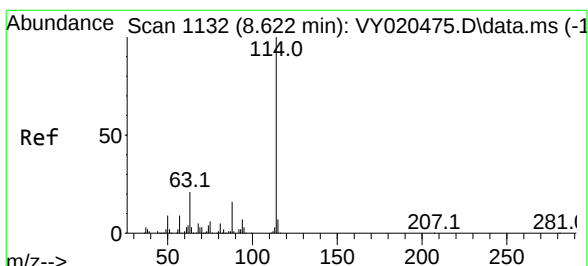
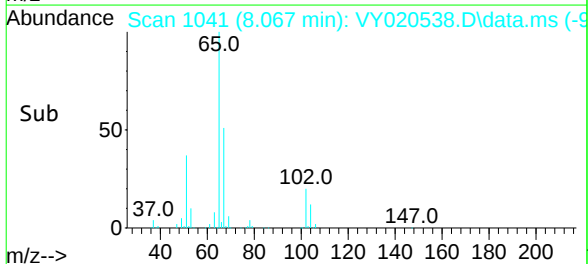
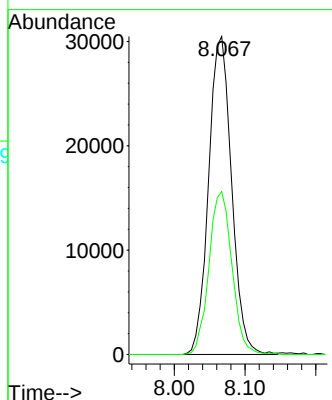
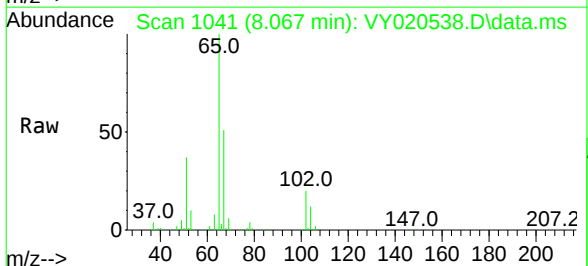




#33
 1,2-Dichloroethane-d4
 Concen: 54.661 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. -0.006 min
 Lab File: VY020538.D
 Acq: 06 Dec 2024 15:54

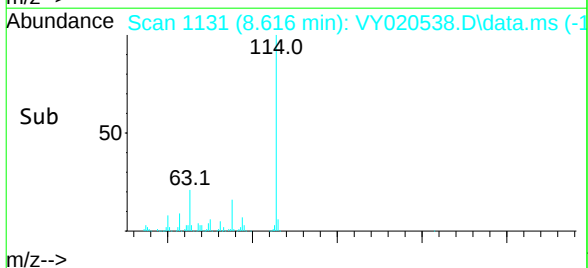
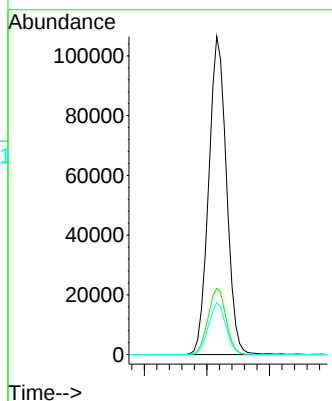
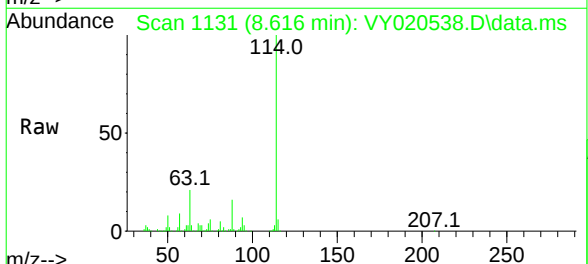
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

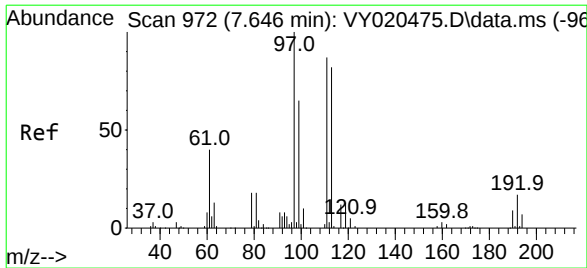
Tgt Ion:	65	Resp:	68764
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY020538.D
 Acq: 06 Dec 2024 15:54

Tgt Ion:	114	Resp:	210048
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	44.8
88	16.3	0.0	32.0

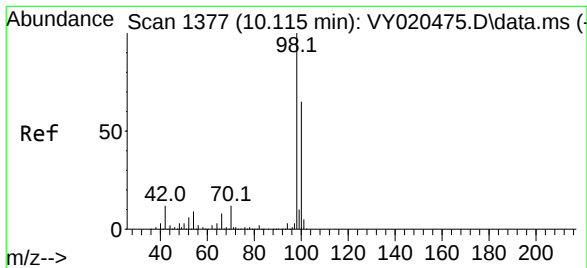
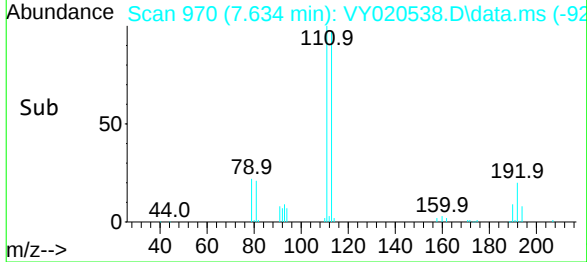
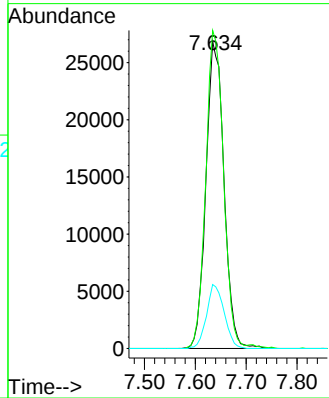
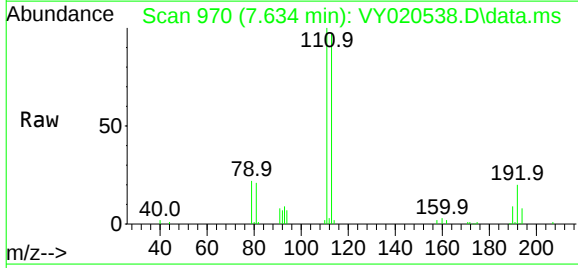




#35
Dibromofluoromethane
Concen: 50.028 ug/l
RT: 7.634 min Scan# 97
Delta R.T. -0.012 min
Lab File: VY020538.D
Acq: 06 Dec 2024 15:54

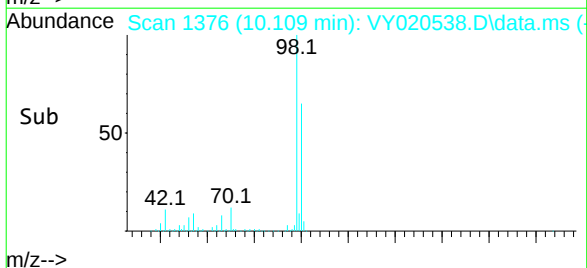
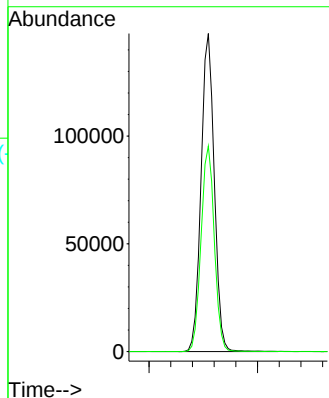
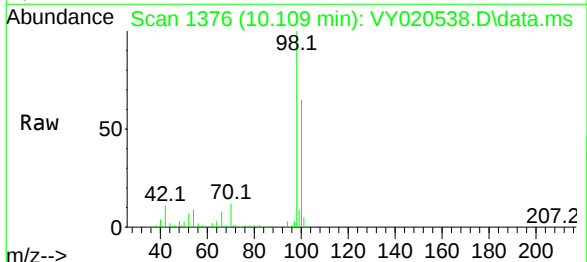
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

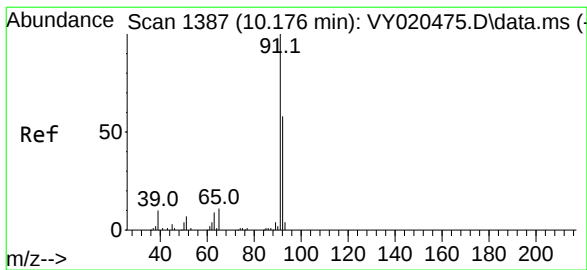
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	20.4	15.1	22.7



#50
Toluene-d8
Concen: 49.569 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020538.D
Acq: 06 Dec 2024 15:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.3	76.9





#52

Toluene

Concen: 2.911 ug/l

RT: 10.176 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020538.D

Acq: 06 Dec 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

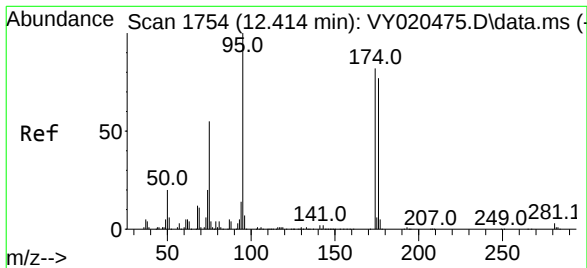
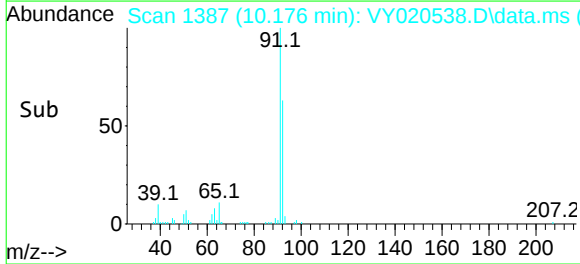
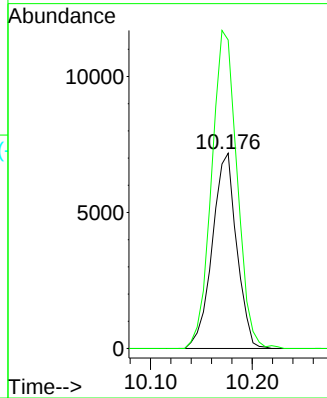
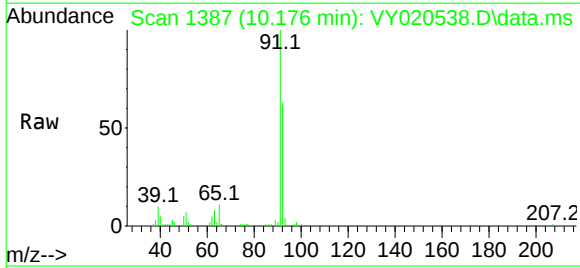
COMP-1

Tgt Ion: 92 Resp: 11957

Ion Ratio Lower Upper

92 100

91 170.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 41.848 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020538.D

Acq: 06 Dec 2024 15:54

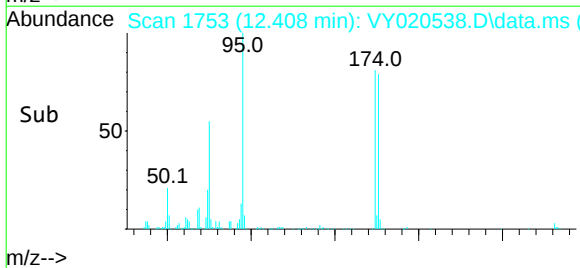
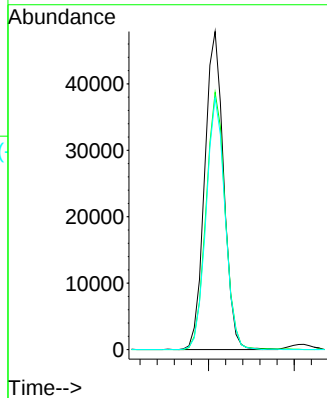
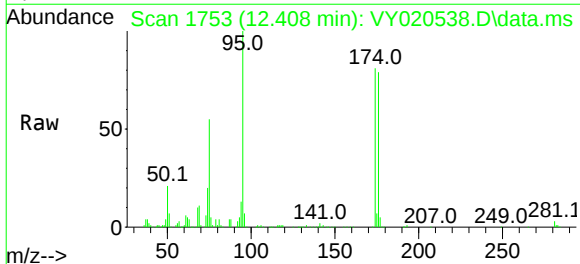
Tgt Ion: 95 Resp: 73698

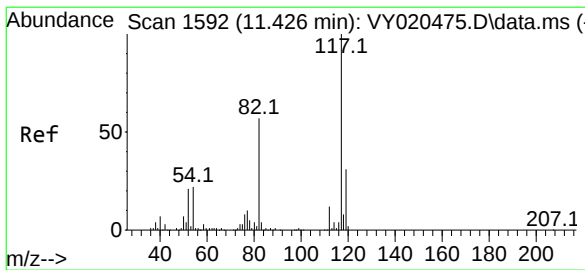
Ion Ratio Lower Upper

95 100

174 81.2 0.0 156.8

176 78.7 0.0 152.0

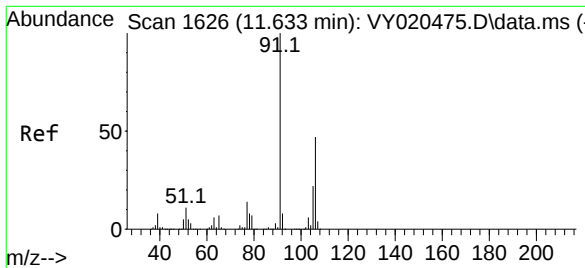
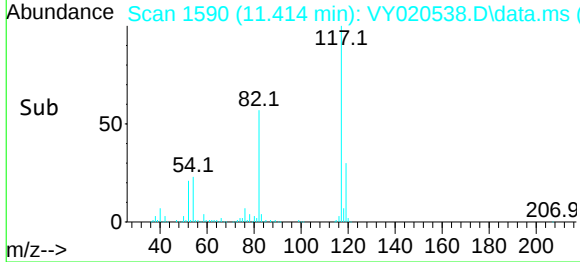
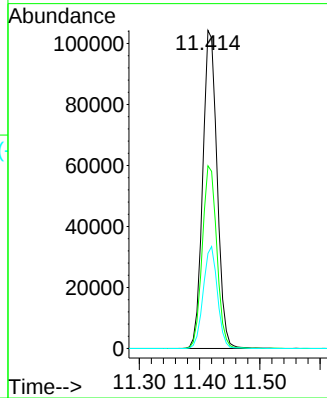
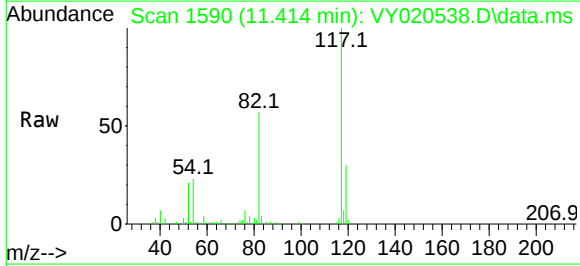




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1592
Delta R.T. -0.012 min
Lab File: VY020538.D
Acq: 06 Dec 2024 15:54

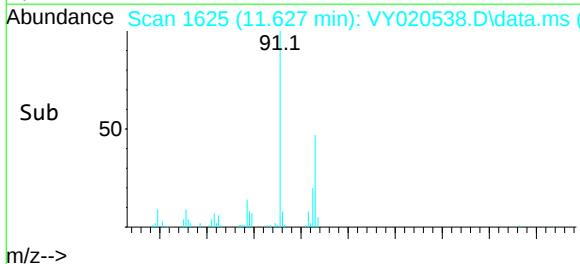
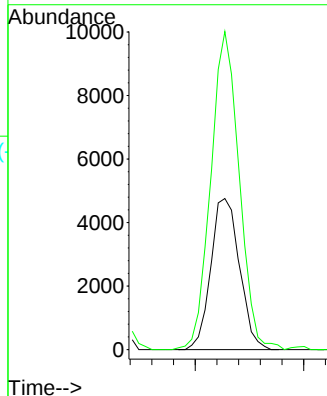
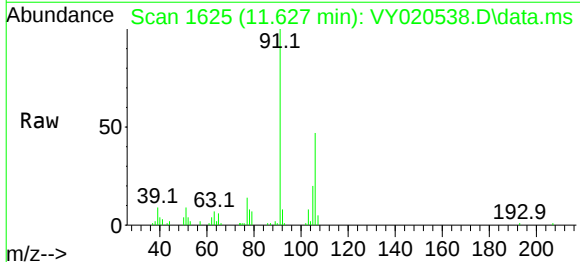
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

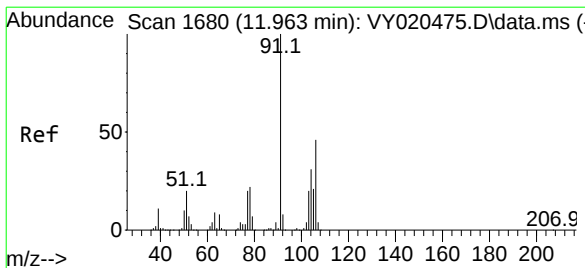
Tgt Ion:117 Resp: 172575
Ion Ratio Lower Upper
117 100
82 57.4 48.2 72.4
119 29.9 25.8 38.8



#68
m/p-Xylenes
Concen: 2.940 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020538.D
Acq: 06 Dec 2024 15:54

Tgt Ion:106 Resp: 8728
Ion Ratio Lower Upper
106 100
91 208.4 166.0 249.0





#69

o-Xylene

Concen: 1.223 ug/l

RT: 11.957 min Scan# 16

Delta R.T. -0.006 min

Lab File: VY020538.D

Acq: 06 Dec 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

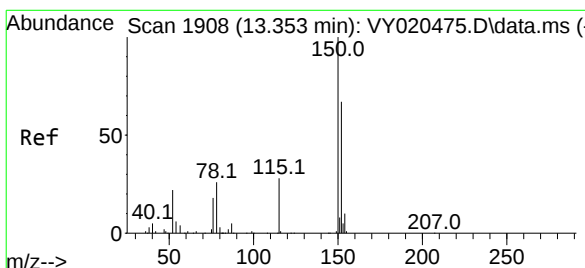
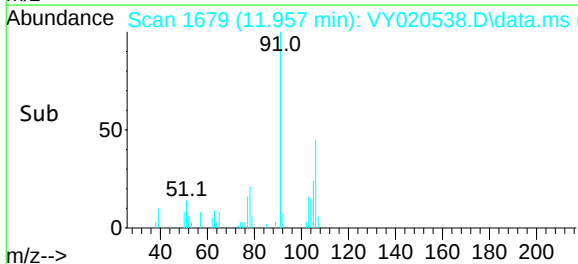
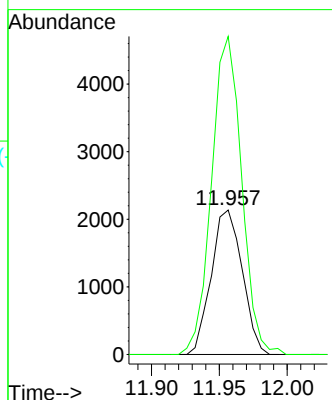
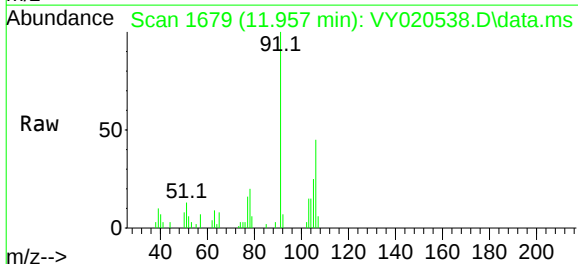
COMP-1

Tgt Ion:106 Resp: 3401

Ion Ratio Lower Upper

106 100

91 213.4 110.0 330.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020538.D

Acq: 06 Dec 2024 15:54

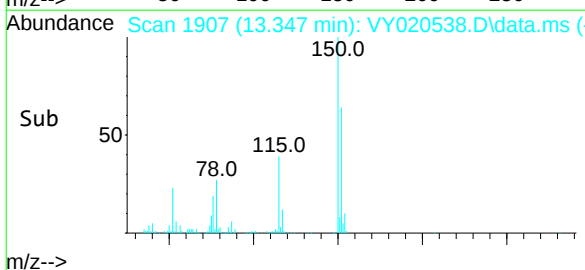
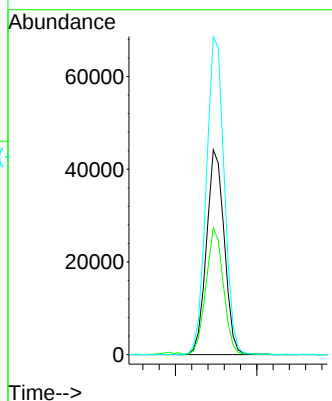
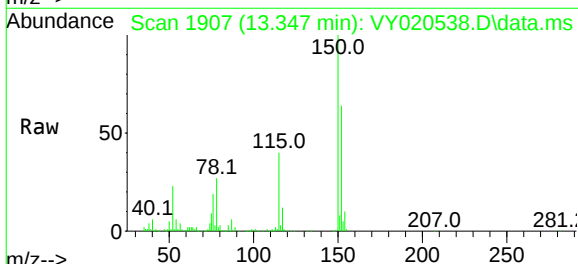
Tgt Ion:152 Resp: 67191

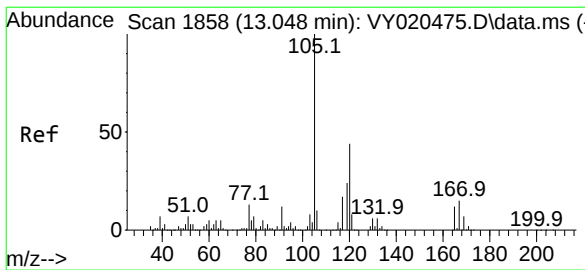
Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 156.3 0.0 348.2





#84

1,2,4-Trimethylbenzene

Concen: 1.526 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020538.D

Acq: 06 Dec 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

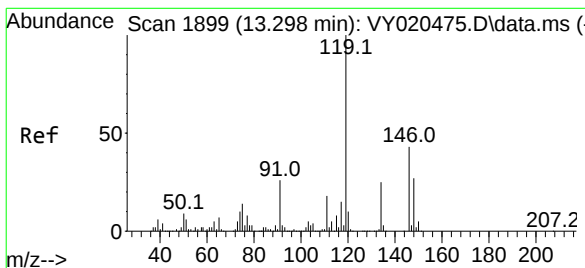
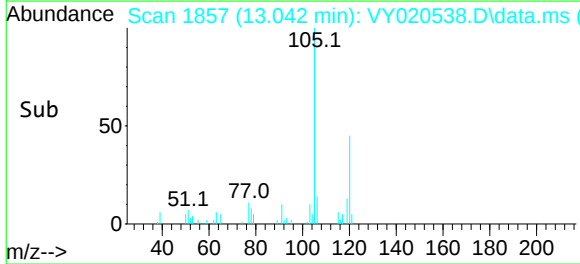
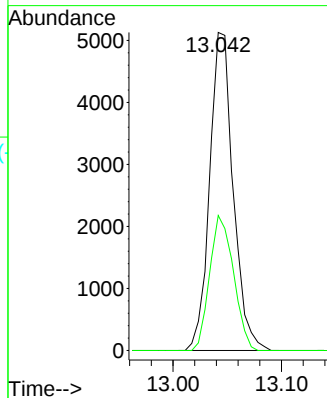
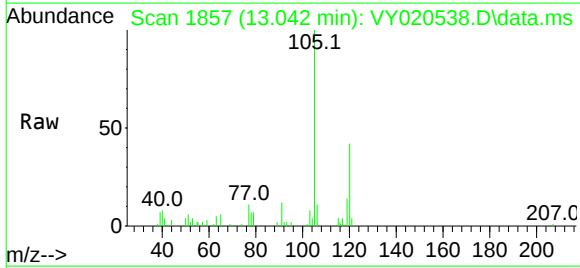
COMP-1

Tgt Ion:105 Resp: 7728

Ion Ratio Lower Upper

105 100

120 42.9 22.0 66.0



#86

p-Isopropyltoluene

Concen: 1.038 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020538.D

Acq: 06 Dec 2024 15:54

Tgt Ion:119 Resp: 5789

Ion Ratio Lower Upper

119 100

134 28.9 12.8 38.4

91 42.6 12.3 36.8#

