

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012257.D
 Acq On : 19 Jan 2023 11:53
 Operator : KP/MD
 Sample : 01179-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-208RE

Quant Time: Jan 20 03:22:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

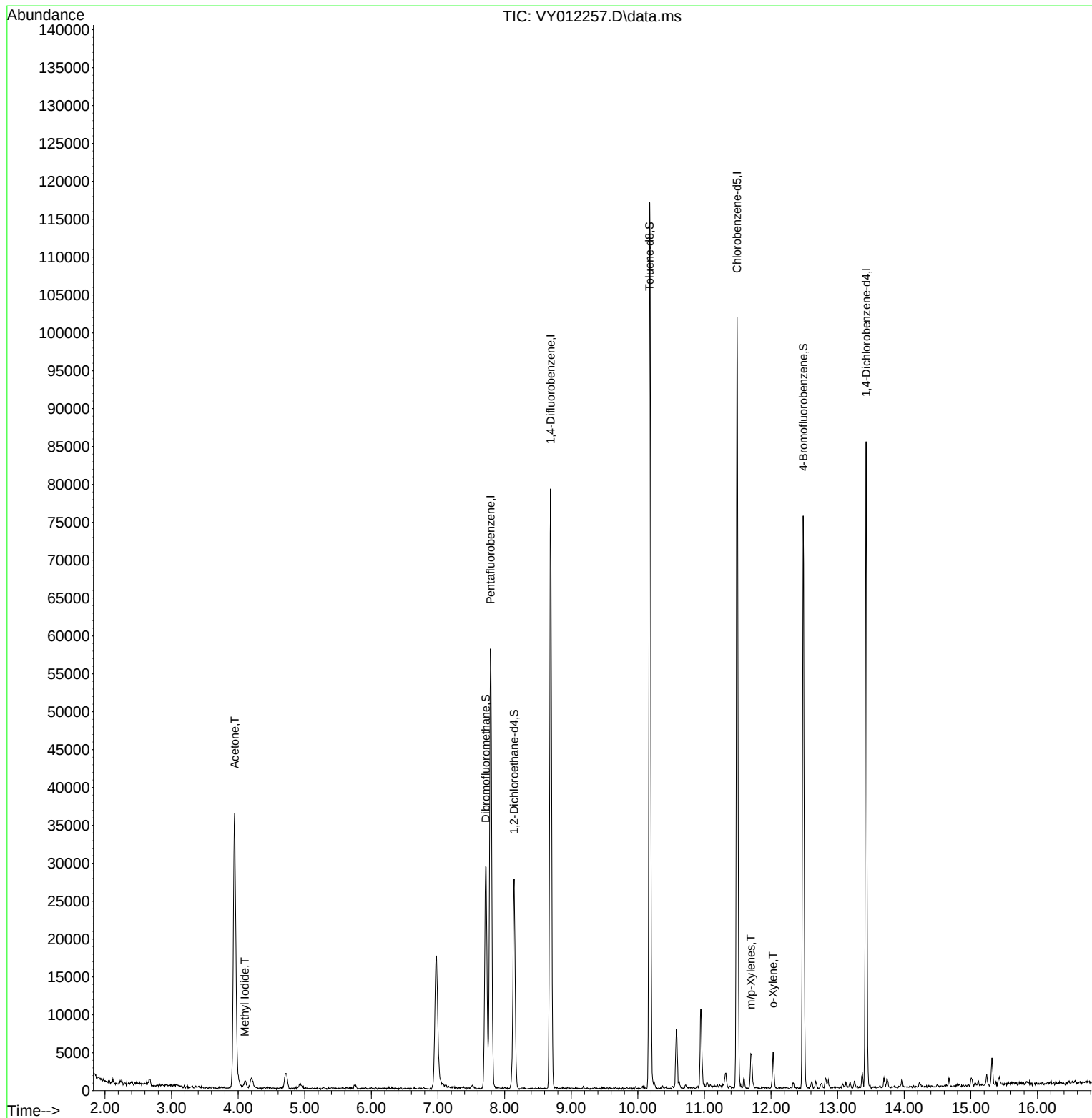
Internal Standards						
1) Pentafluorobenzene	7.789	168	47714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	71477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	59959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	22562	57.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.715	113	21297	56.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.540%
50) Toluene-d8	10.178	98	81529	63.327	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	126.660%
62) 4-Bromofluorobenzene	12.483	95	21324	39.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.940%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	1530	2.359	ug/l #	89
16) Acetone	3.948	43	60834	457.873	ug/l	97
68) m/p-Xylenes	11.696	106	1604	1.850	ug/l	93
69) o-Xylene	12.032	106	1361	1.644	ug/l	89

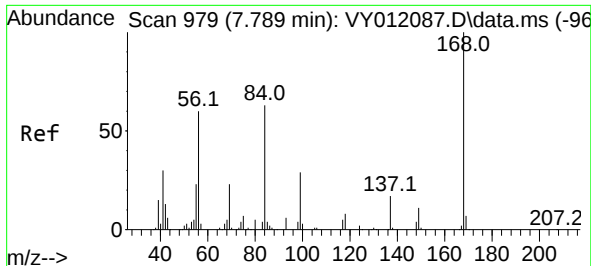
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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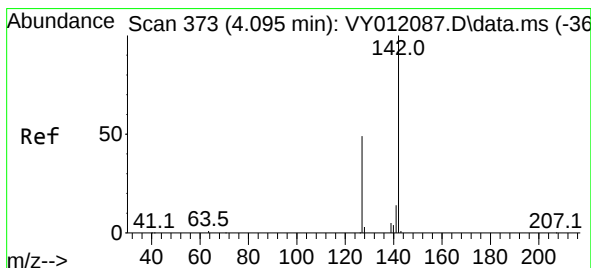
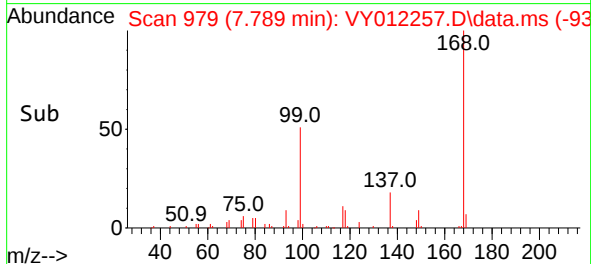
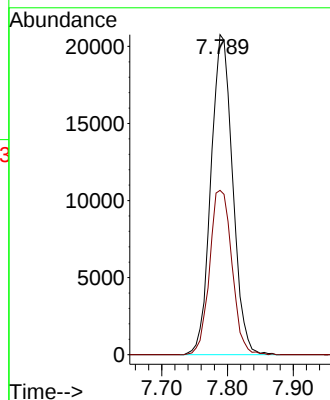
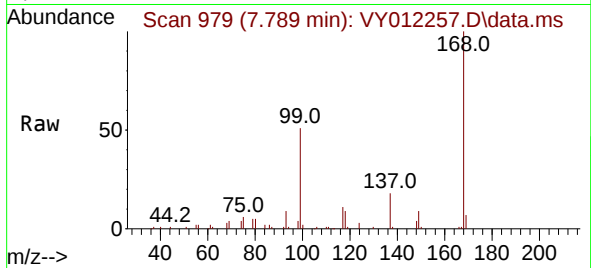




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

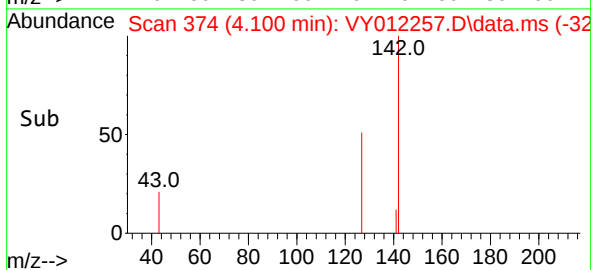
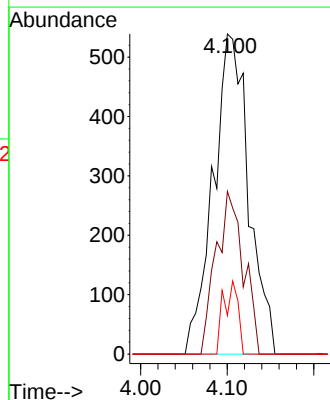
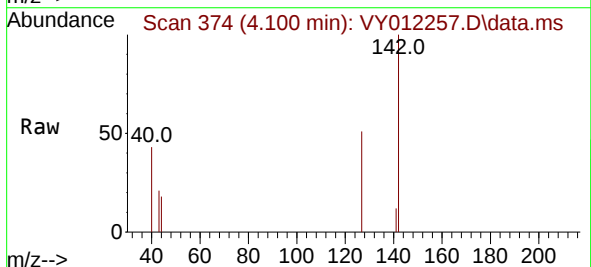
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208RE

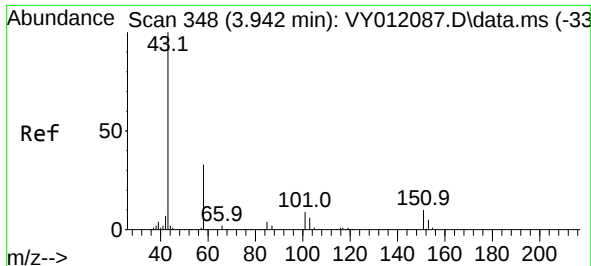
Tgt Ion:168 Resp: 47714
Ion Ratio Lower Upper
168 100
99 51.4 44.0 66.0



#10
Methyl Iodide
Concen: 2.359 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.005 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

Tgt Ion:142 Resp: 1530
Ion Ratio Lower Upper
142 100
127 39.4 37.0 55.4
141 9.2 11.4 17.0#

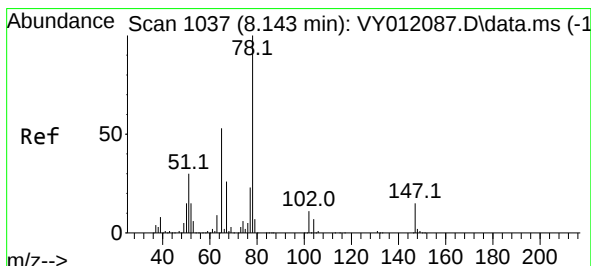
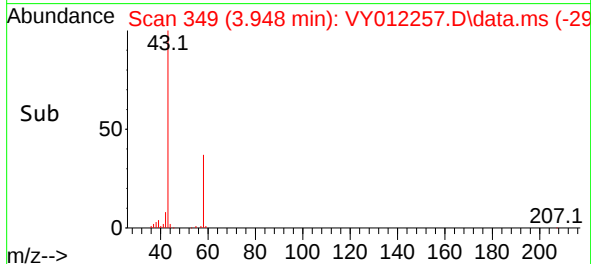
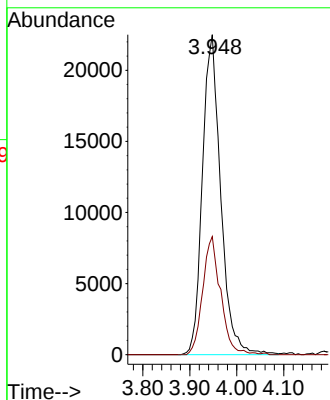
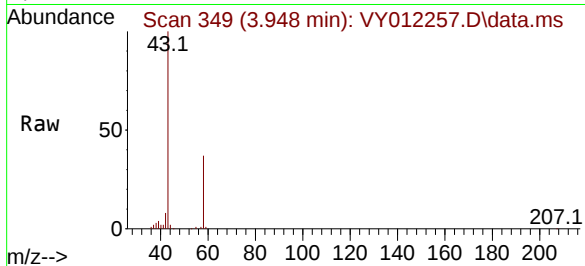




#16
Acetone
Concen: 457.873 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

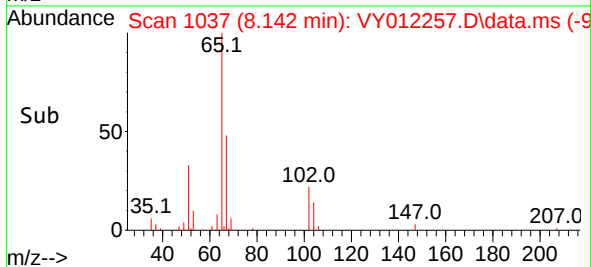
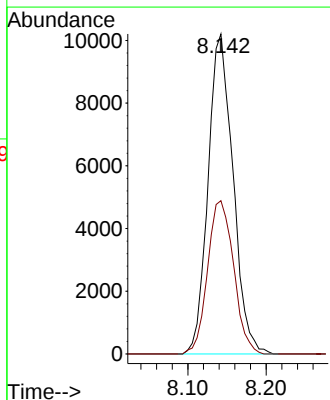
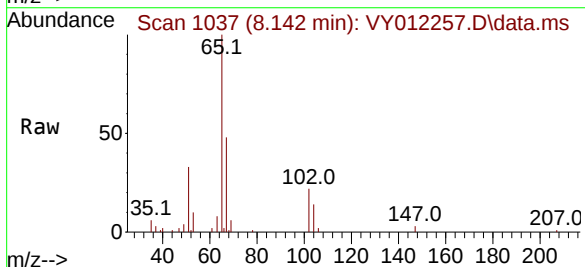
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208RE

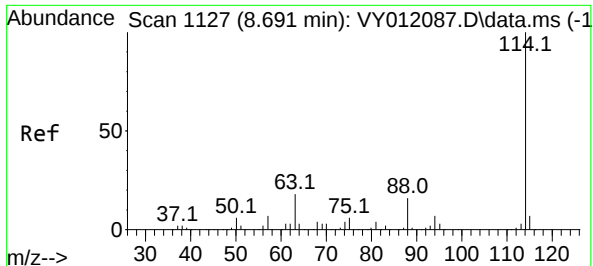
Tgt Ion: 43 Resp: 60834
Ion Ratio Lower Upper
43 100
58 36.9 27.9 41.9



#33
1,2-Dichloroethane-d4
Concen: 57.649 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

Tgt Ion: 65 Resp: 22562
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012257.D

Acq: 19 Jan 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-208RE

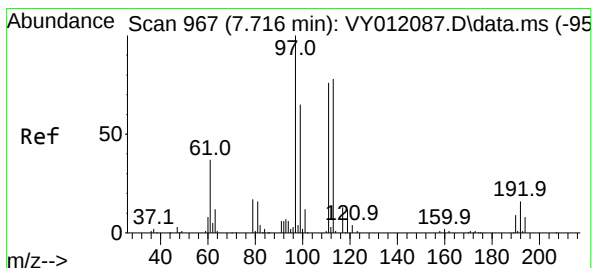
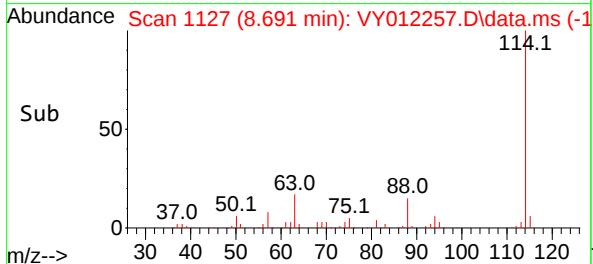
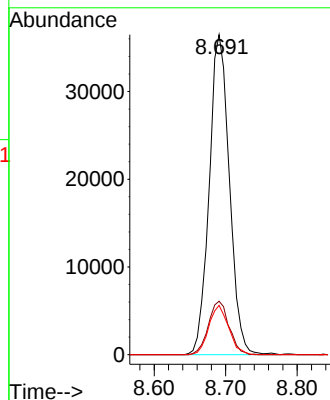
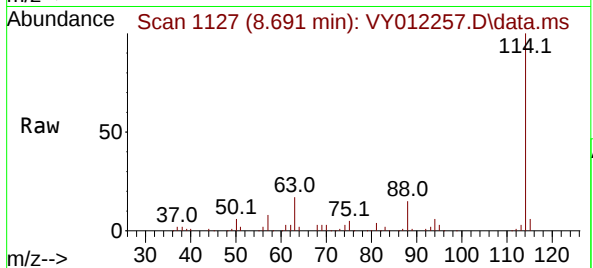
Tgt Ion:114 Resp: 71477

Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.271 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012257.D

Acq: 19 Jan 2023 11:53

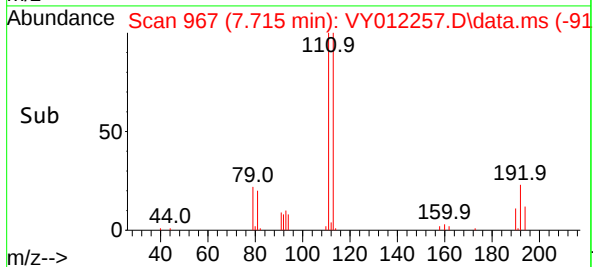
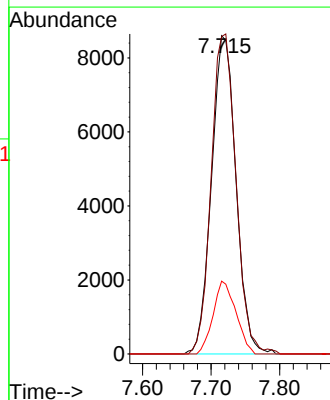
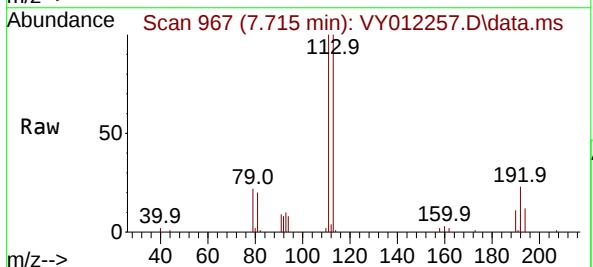
Tgt Ion:113 Resp: 21297

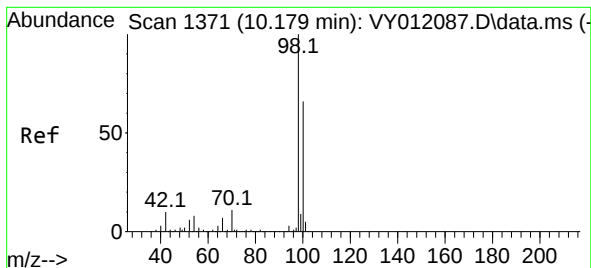
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 21.3 16.0 24.0

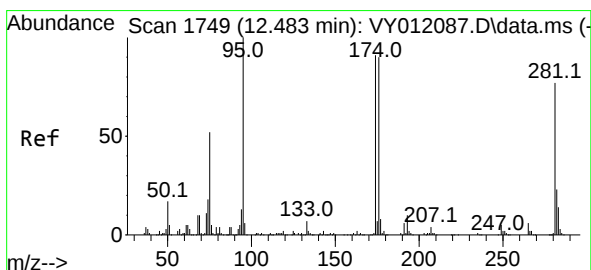
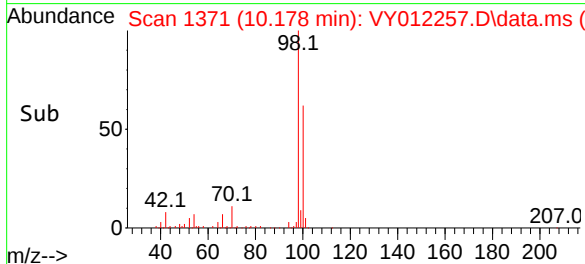
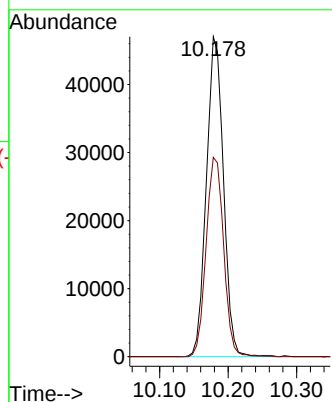
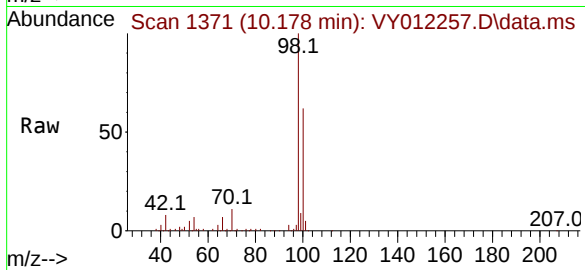




#50
Toluene-d8
Concen: 63.327 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

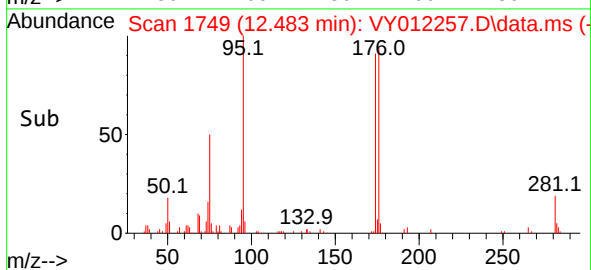
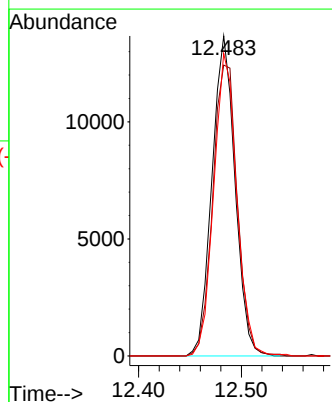
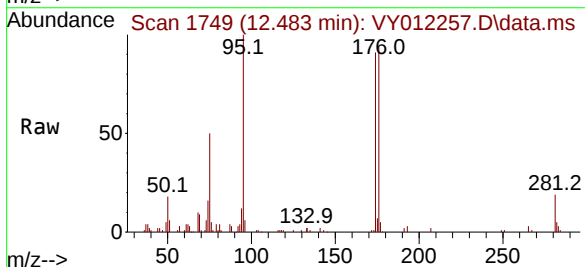
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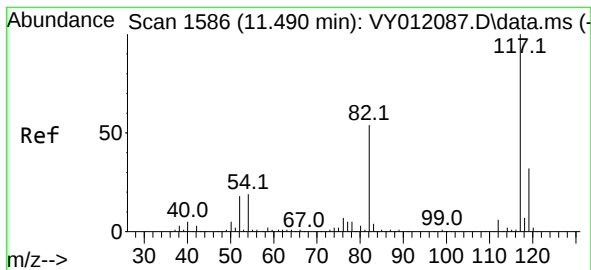
Tgt Ion: 98 Resp: 81529
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.968 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

Tgt Ion: 95 Resp: 21324
Ion Ratio Lower Upper
95 100
174 96.8 0.0 172.0
176 94.1 0.0 167.6

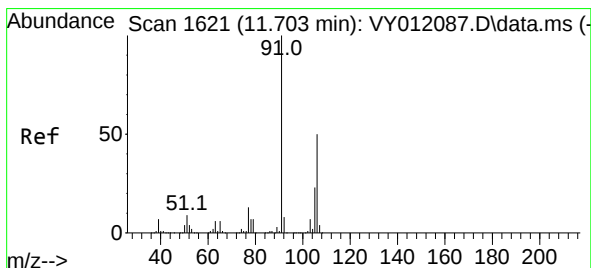
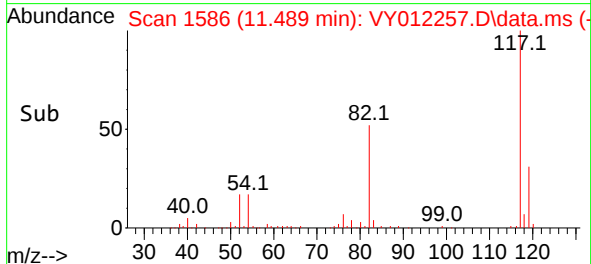
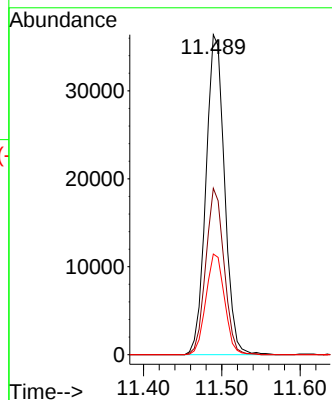
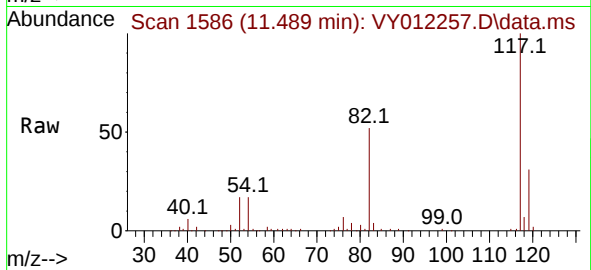




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

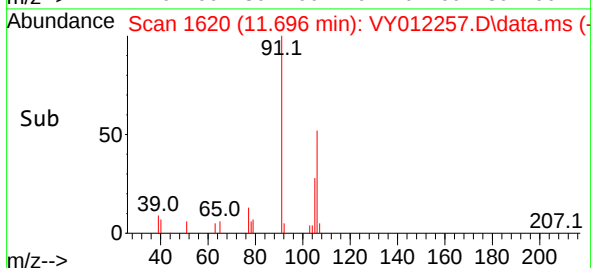
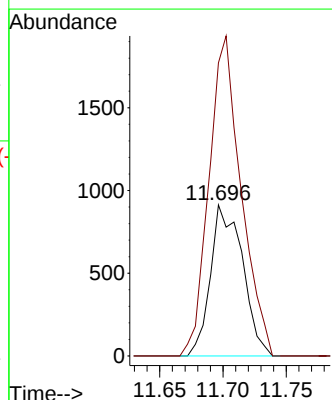
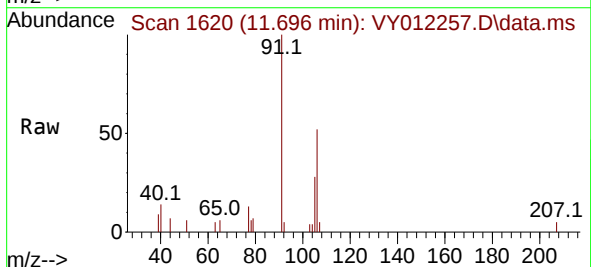
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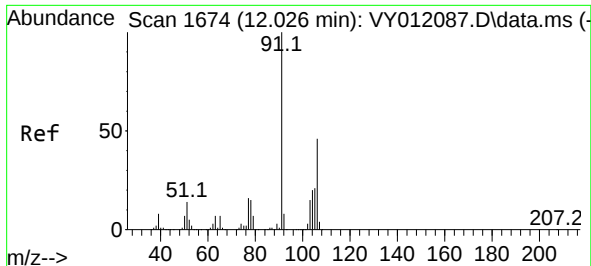
Tgt Ion:117 Resp: 59959
Ion Ratio Lower Upper
117 100
82 52.0 44.8 67.2
119 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 1.850 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.007 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

Tgt Ion:106 Resp: 1604
Ion Ratio Lower Upper
106 100
91 213.4 162.5 243.7

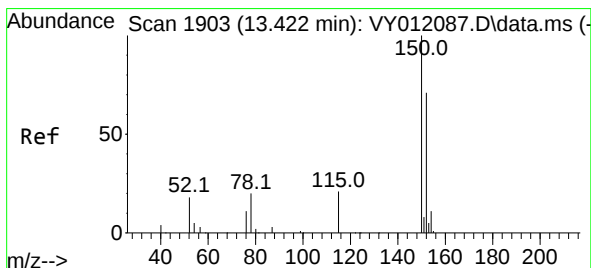
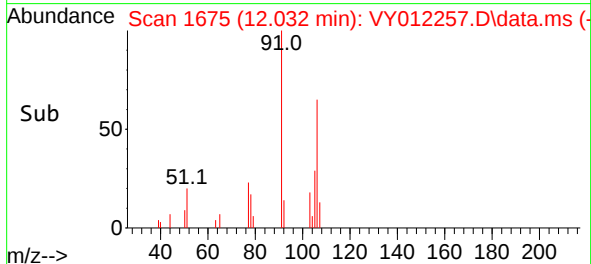
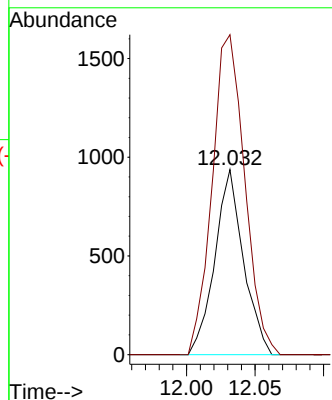
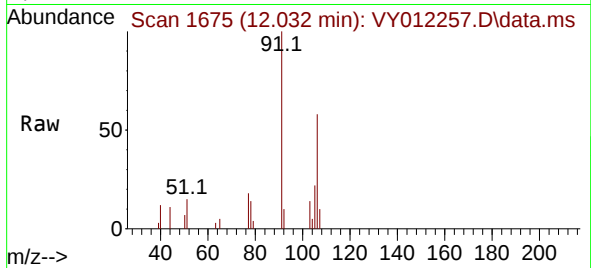




#69
o-Xylene
Concen: 1.644 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:106 Resp: 1361
Ion Ratio Lower Upper
106 100
91 196.8 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012257.D
Acq: 19 Jan 2023 11:53

Tgt Ion:152 Resp: 22779
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.3
150 163.7 0.0 342.6

