

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012247.D
 Acq On : 18 Jan 2023 15:40
 Operator : KP/MD
 Sample : 01179-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-208

Quant Time: Jan 19 03:47:26 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)

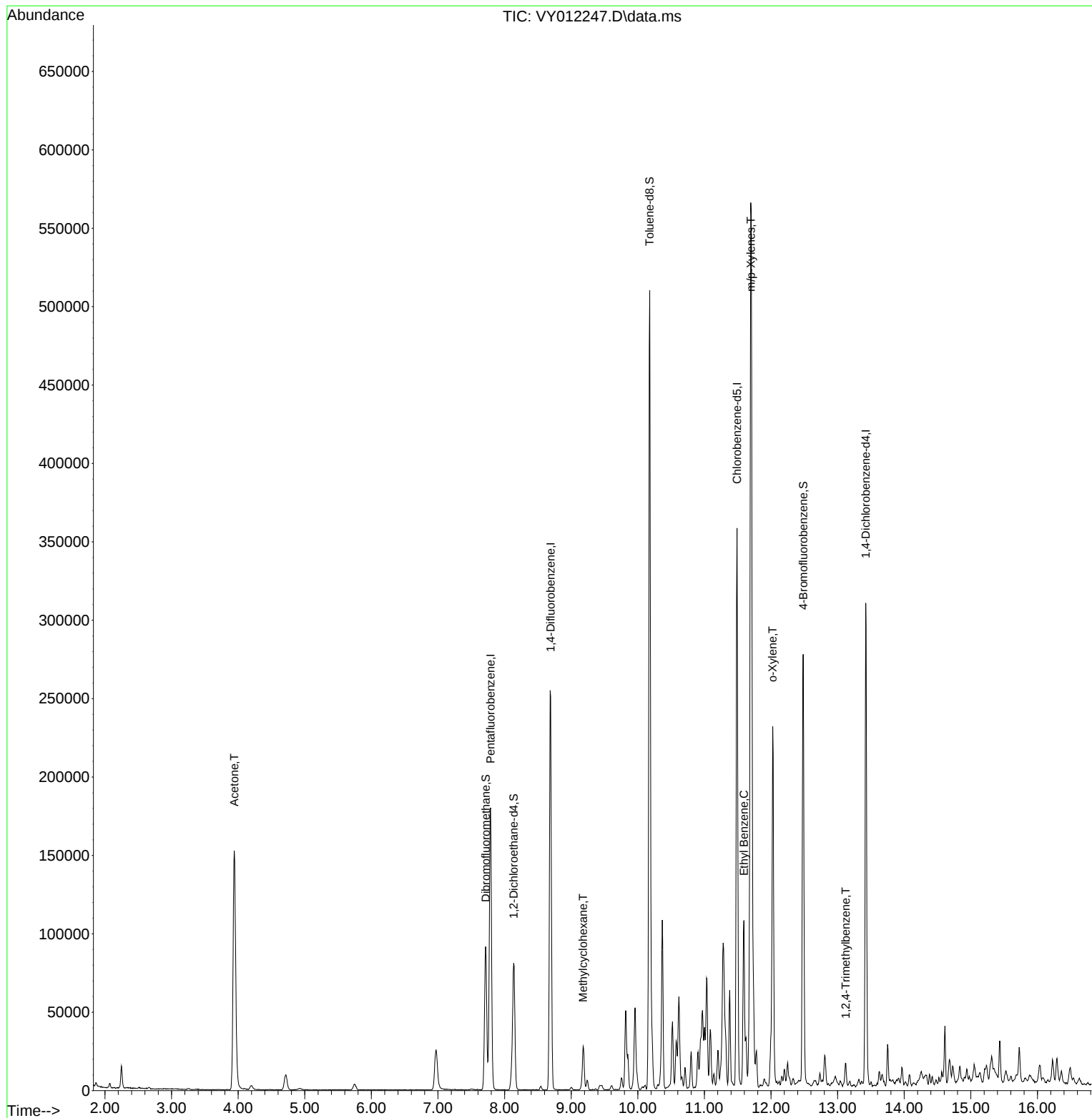
Internal Standards						
1) Pentafluorobenzene	7.789	168	147982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62184	50.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.520%	
35) Dibromofluoromethane	7.716	113	64487	52.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.000%	
50) Toluene-d8	10.179	98	280327	67.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 134.740%	
62) 4-Bromofluorobenzene	12.483	95	79987	46.194	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.380%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	261611	634.880	ug/l	99
39) Methylcyclohexane	9.179	83	10601	4.156	ug/l	93
67) Ethyl Benzene	11.593	91	70895	9.616	ug/l	96
68) m/p-Xylenes	11.697	106	164801	56.534	ug/l	98
69) o-Xylene	12.026	106	57867	20.783	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	8017	1.572	ug/l	98

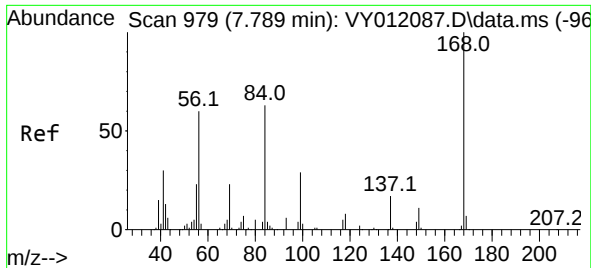
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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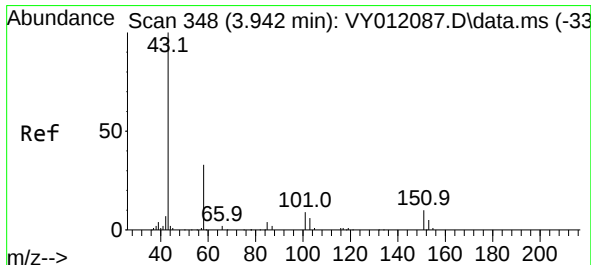
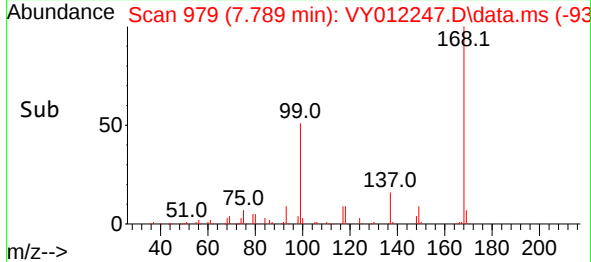
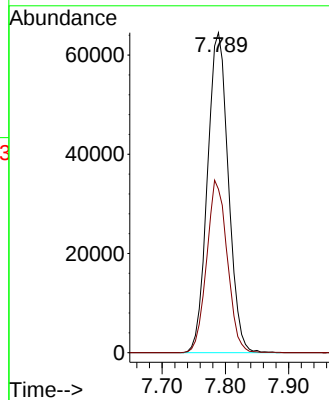
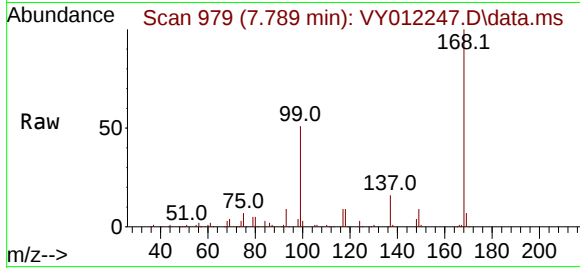




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012247.D
Acq: 18 Jan 2023 15:40

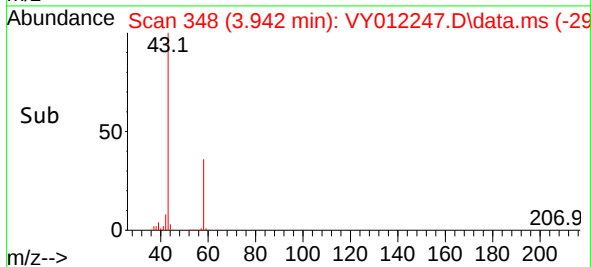
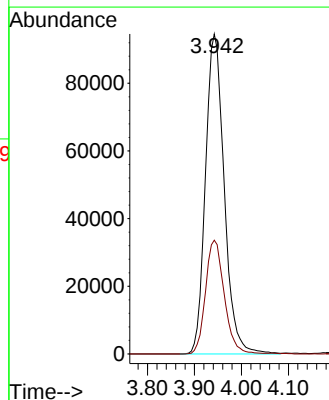
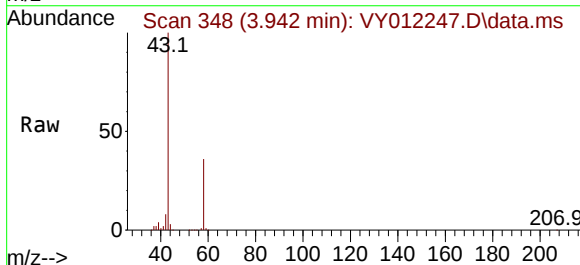
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

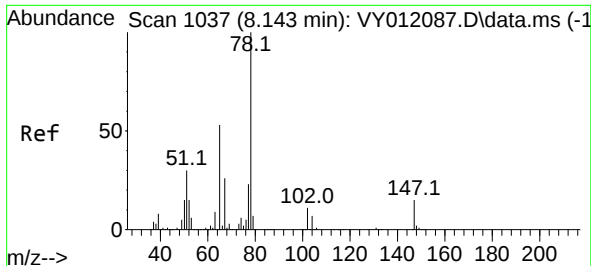
Tgt Ion:168 Resp: 147982
Ion Ratio Lower Upper
168 100
99 51.1 44.0 66.0



#16
Acetone
Concen: 634.880 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012247.D
Acq: 18 Jan 2023 15:40

Tgt Ion: 43 Resp: 261611
Ion Ratio Lower Upper
43 100
58 35.5 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 50.756 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012247.D

Acq: 18 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

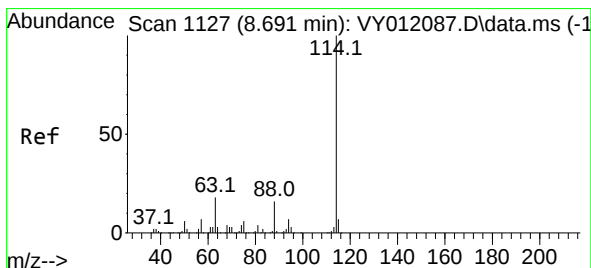
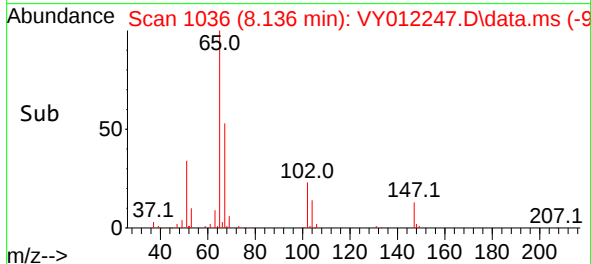
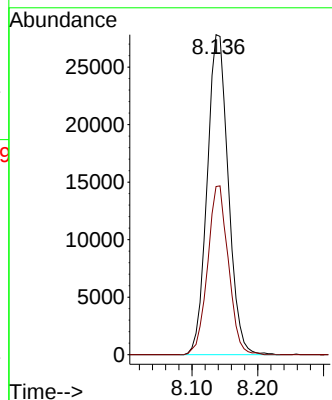
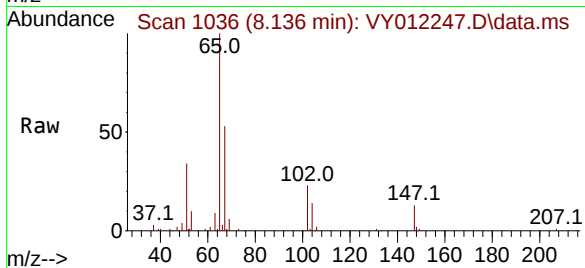
VNJ-208

Tgt Ion: 65 Resp: 62184

Ion Ratio Lower Upper

65 100

67 51.8 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: VY012247.D

Acq: 18 Jan 2023 15:40

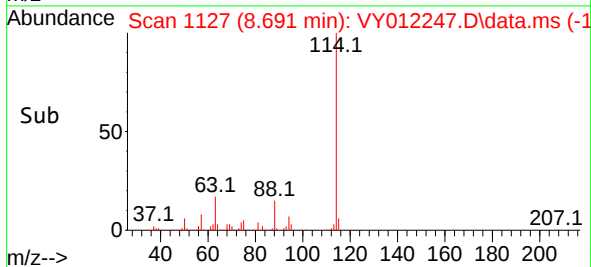
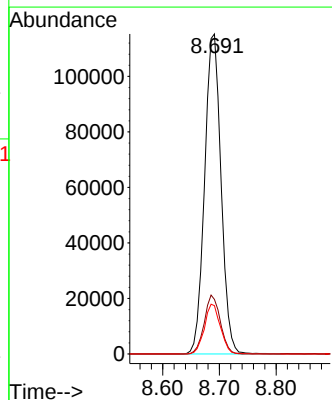
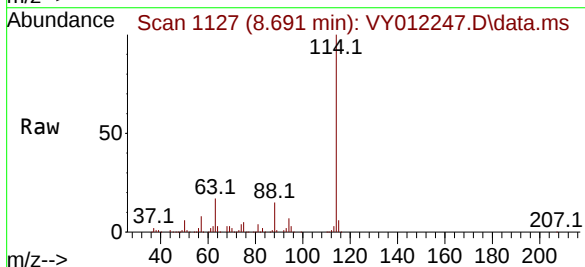
Tgt Ion: 114 Resp: 231975

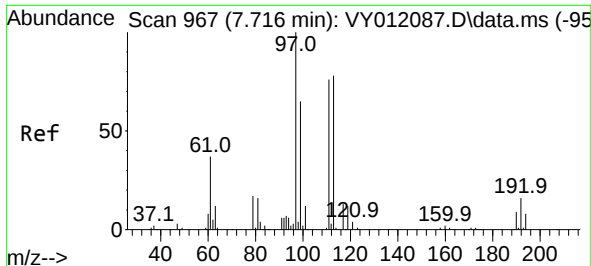
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 15.1 0.0 32.2

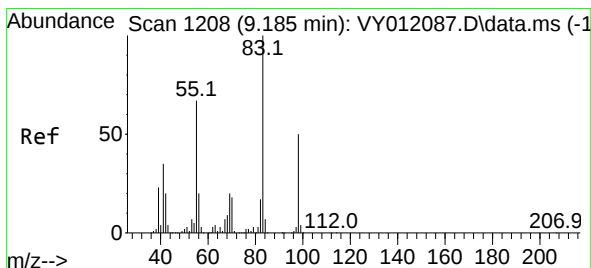
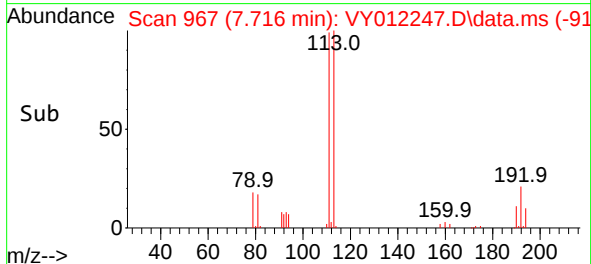
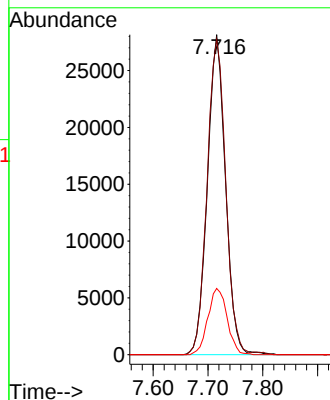
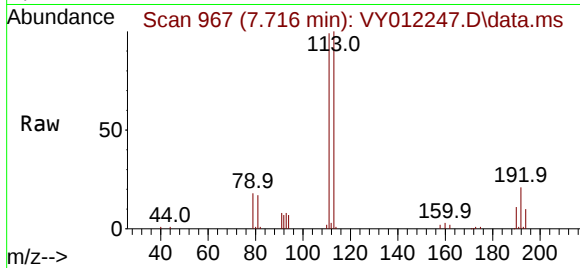




#35
Dibromofluoromethane
Concen: 52.501 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012247.D
Acq: 18 Jan 2023 15:40

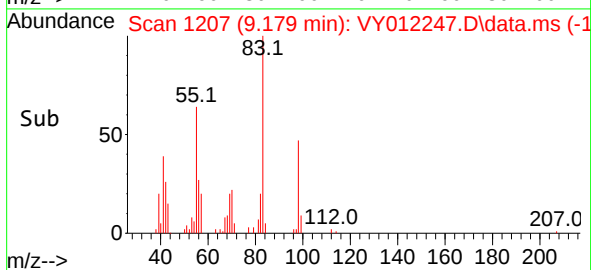
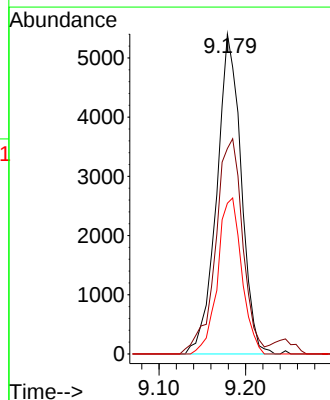
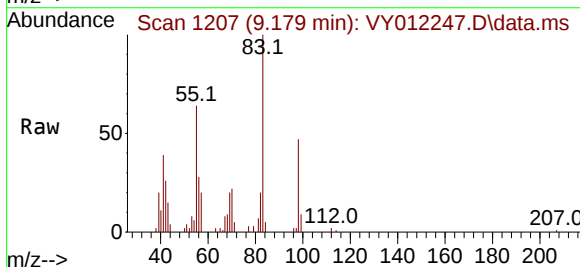
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

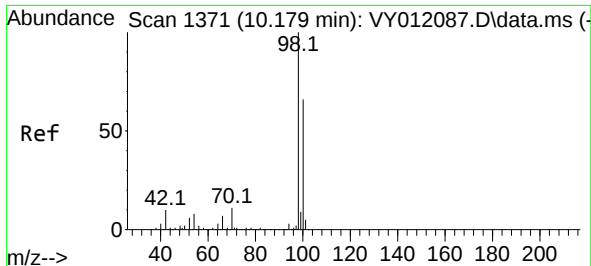
Tgt Ion:113 Resp: 64487
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 22.0 16.0 24.0



#39
Methylcyclohexane
Concen: 4.156 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY012247.D
Acq: 18 Jan 2023 15:40

Tgt Ion: 83 Resp: 10601
Ion Ratio Lower Upper
83 100
55 64.2 58.2 87.2
98 47.1 38.6 58.0

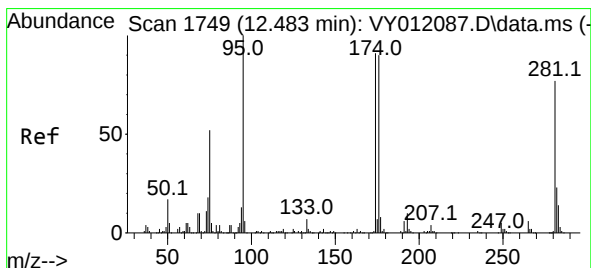
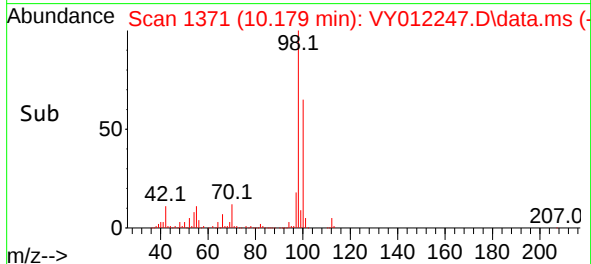
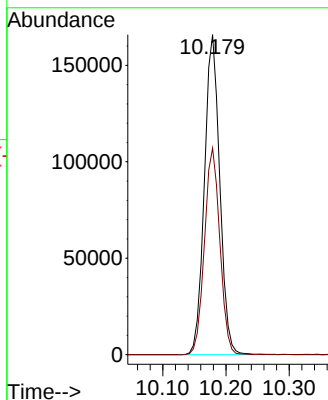
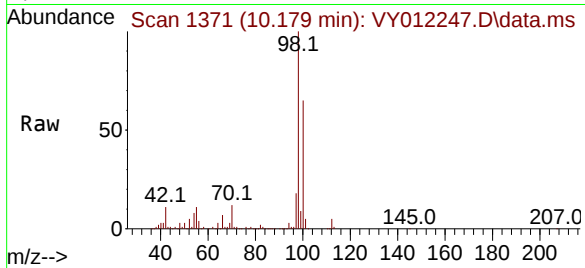




#50
Toluene-d8
Concen: 67.374 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012247.D
Acq: 18 Jan 2023 15:40

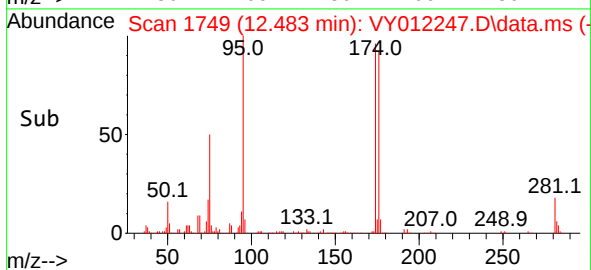
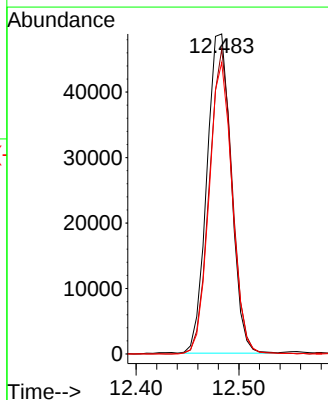
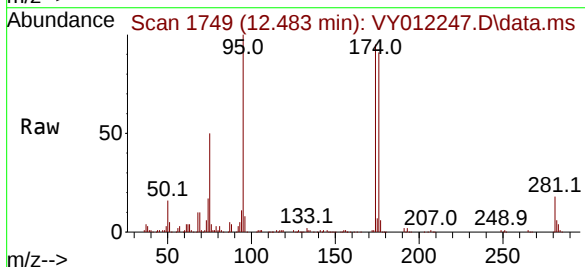
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

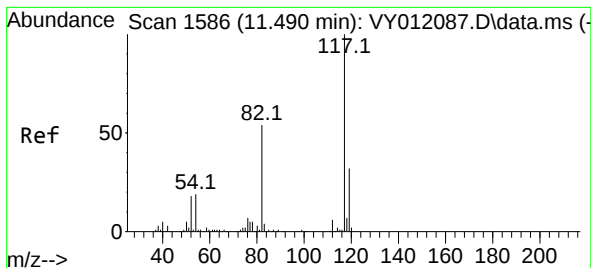
Tgt Ion: 98 Resp: 280327
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.194 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012247.D
Acq: 18 Jan 2023 15:40

Tgt Ion: 95 Resp: 79987
Ion Ratio Lower Upper
95 100
174 90.8 0.0 172.0
176 87.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012247.D

Acq: 18 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-208

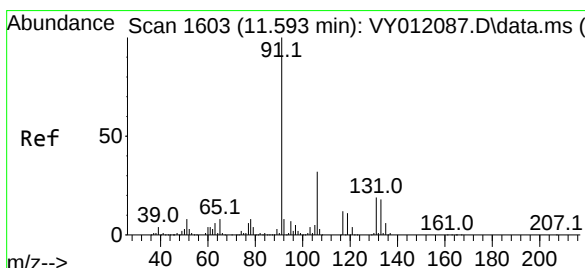
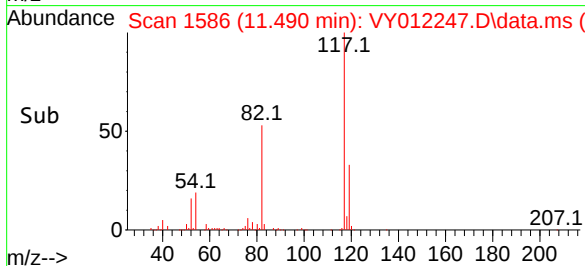
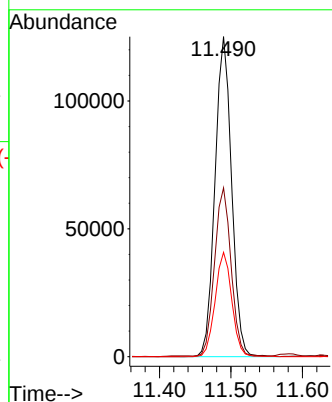
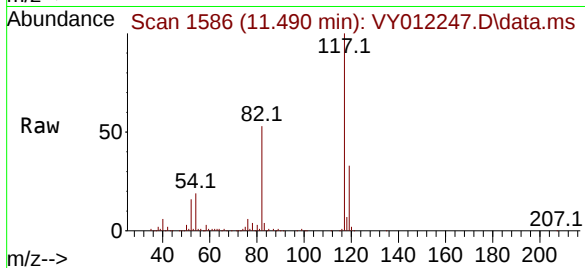
Tgt Ion:117 Resp: 201622

Ion Ratio Lower Upper

117 100

82 52.5 44.8 67.2

119 32.6 25.4 38.2



#67

Ethyl Benzene

Concen: 9.616 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012247.D

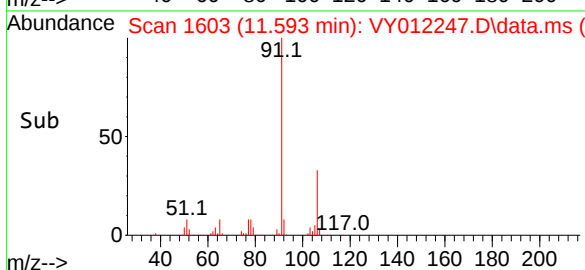
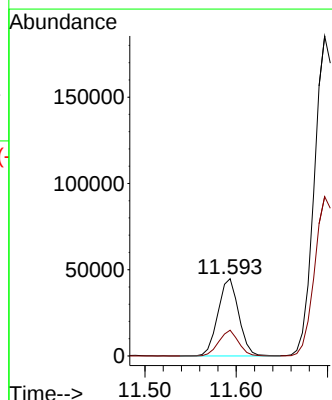
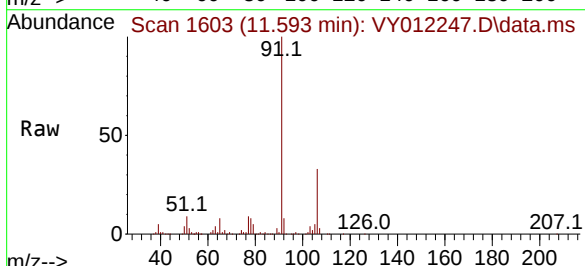
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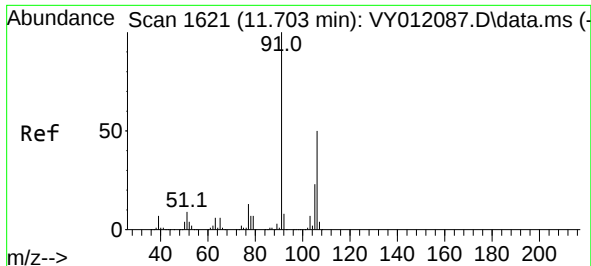
Tgt Ion: 91 Resp: 70895

Ion Ratio Lower Upper

91 100

106 33.3 25.0 37.4

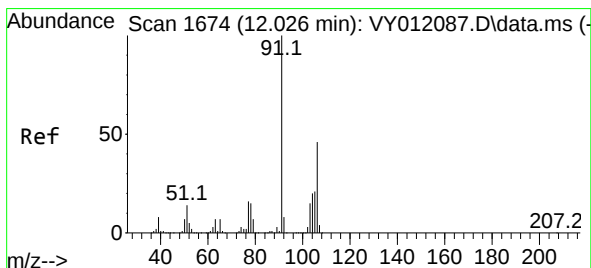
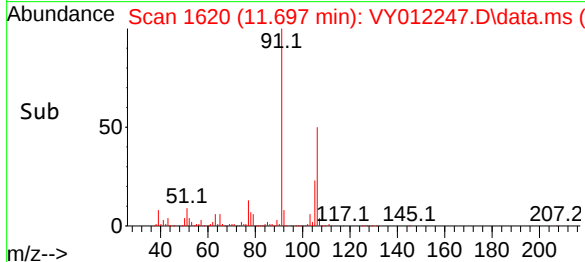
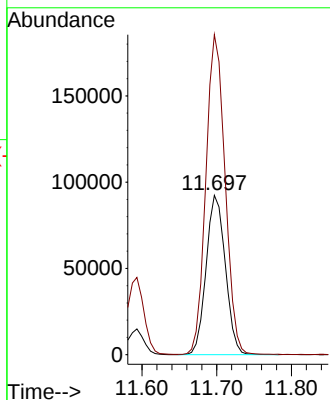
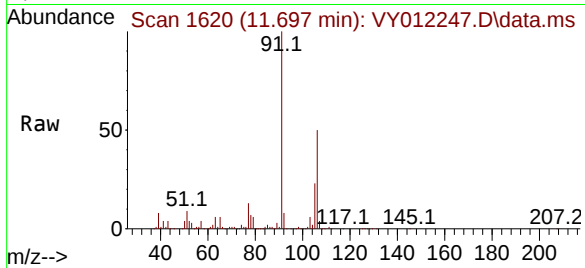




#68
m/p-Xylenes
Concen: 56.534 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY012247.D
Acq: 18 Jan 2023 15:40

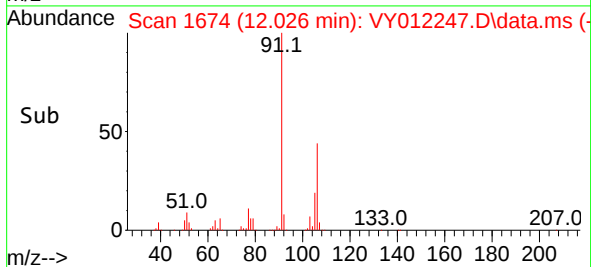
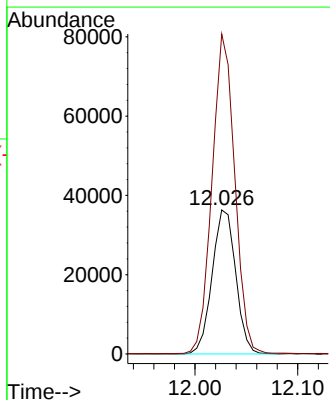
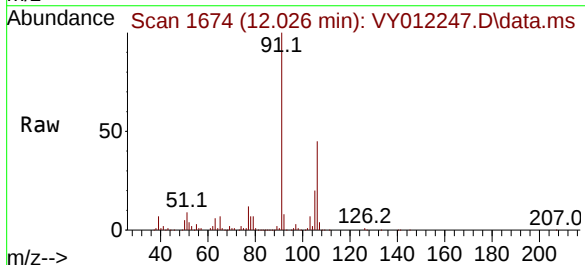
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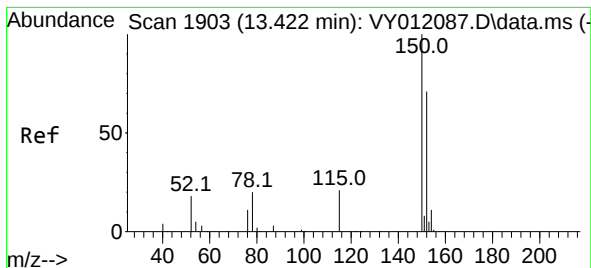
Tgt Ion:106 Resp: 164801
Ion Ratio Lower Upper
106 100
91 200.5 162.5 243.7



#69
o-Xylene
Concen: 20.783 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY012247.D
Acq: 18 Jan 2023 15:40

Tgt Ion:106 Resp: 57867
Ion Ratio Lower Upper
106 100
91 214.2 107.5 322.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY012247.D

Acq: 18 Jan 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-208

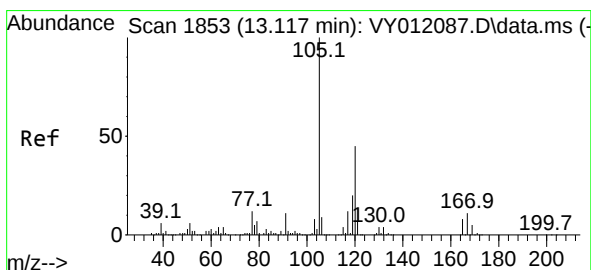
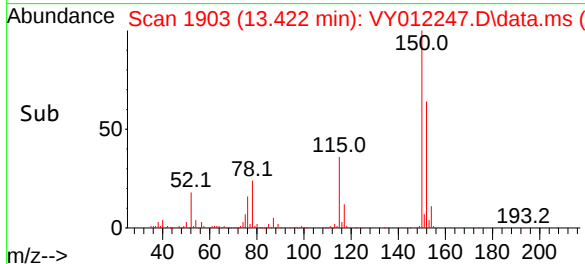
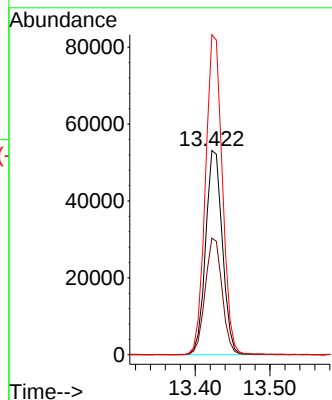
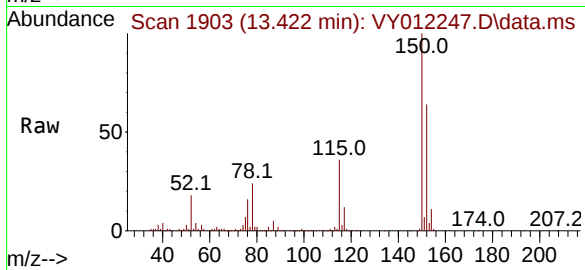
Tgt Ion:152 Resp: 82482

Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.3

150 158.1 0.0 342.6



#84

1,2,4-Trimethylbenzene

Concen: 1.572 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012247.D

Acq: 18 Jan 2023 15:40

Tgt Ion:105 Resp: 8017

Ion Ratio Lower Upper

105 100

120 44.6 22.9 68.7

