

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014413.D
 Acq On : 23 Jun 2023 17:25
 Operator : KP/MD
 Sample : 03357-04
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-01-G

Quant Time: Jun 23 23:12:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

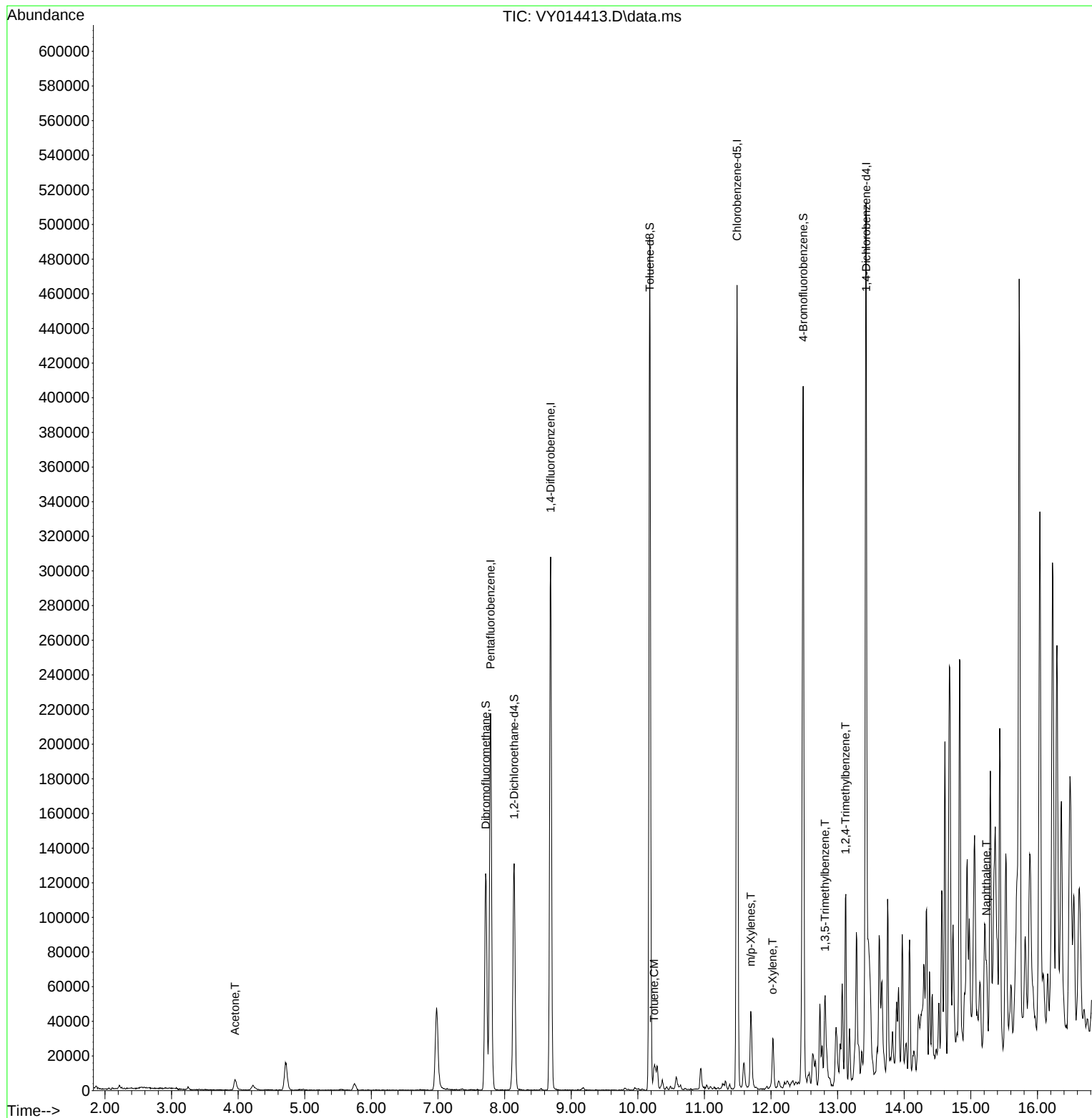
Internal Standards						
1) Pentafluorobenzene	7.789	168	169788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111856	53.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.120%	
35) Dibromofluoromethane	7.716	113	81461	50.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.780%	
50) Toluene-d8	10.179	98	310647	48.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.640%	
62) 4-Bromofluorobenzene	12.483	95	108658	47.831	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.660%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	11142	16.797	ug/l #	86
52) Toluene	10.246	92	4924	1.095	ug/l	89
68) m/p-Xylenes	11.697	106	12720	3.611	ug/l	98
69) o-Xylene	12.026	106	7404	2.209	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	14223	1.956	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	57075	7.921	ug/l	97
95) Naphthalene	15.233	128	30483	5.671	ug/l #	94

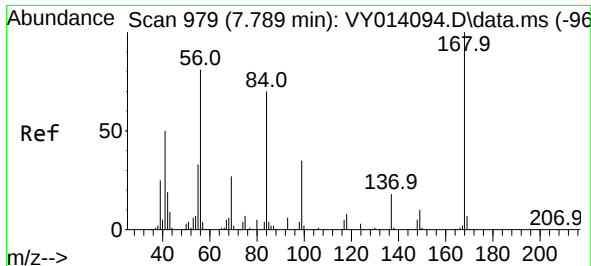
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
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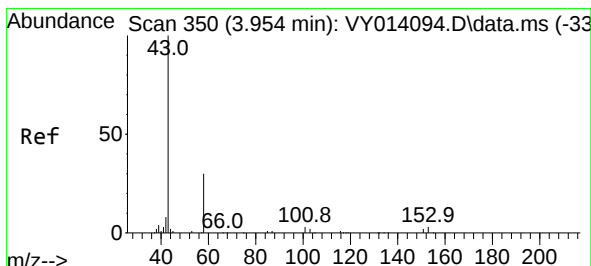
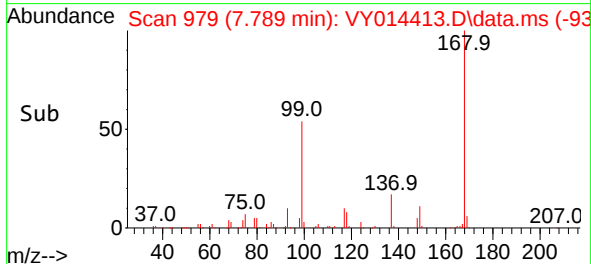
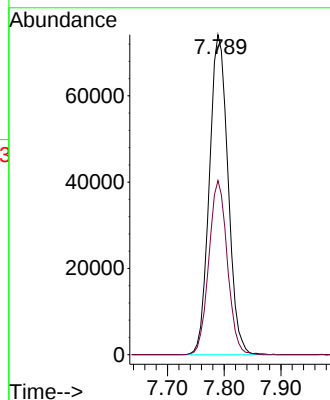
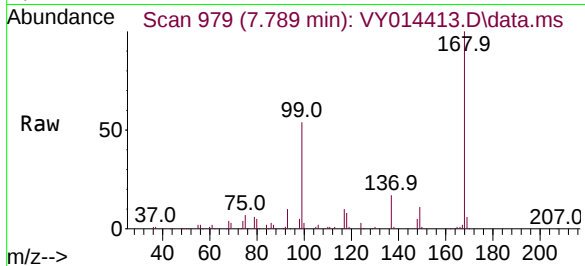




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014413.D
Acq: 23 Jun 2023 17:25

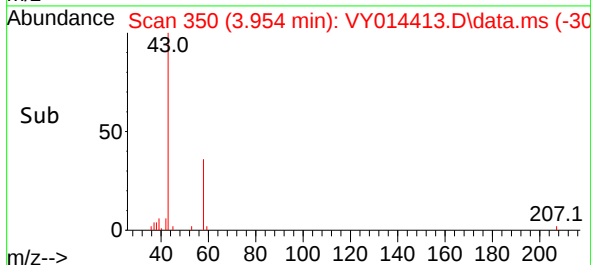
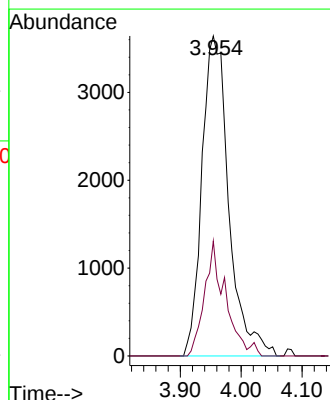
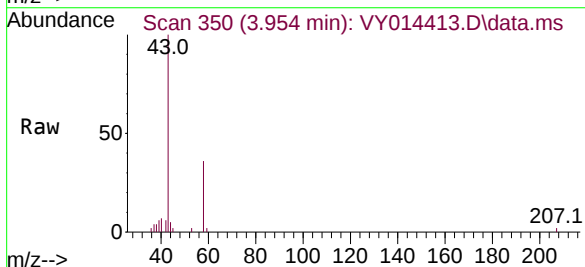
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-01-G

Tgt Ion:168 Resp: 169788
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#16
Acetone
Concen: 16.797 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014413.D
Acq: 23 Jun 2023 17:25

Tgt Ion: 43 Resp: 11142
Ion Ratio Lower Upper
43 100
58 35.9 22.7 34.1#

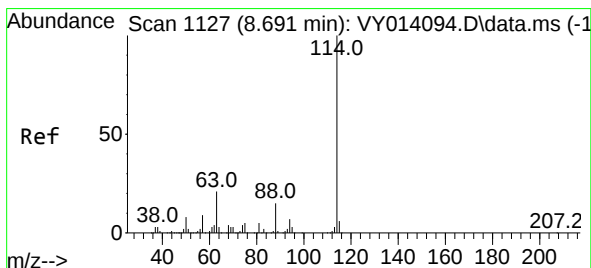
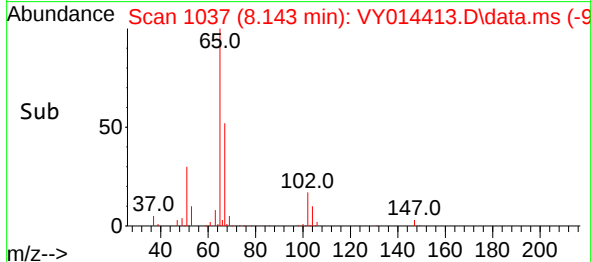
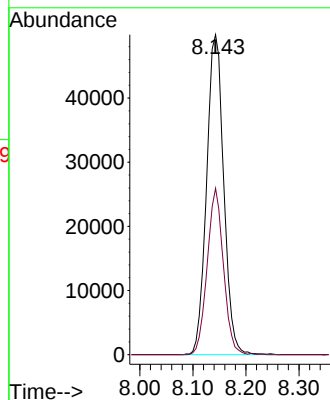
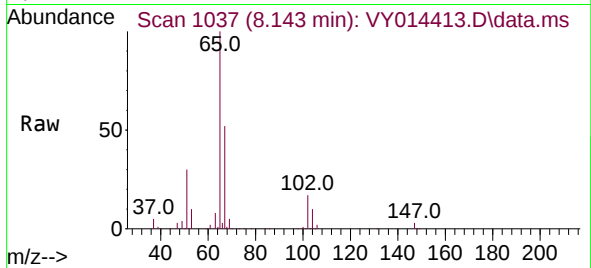




#33
 1,2-Dichloroethane-d4
 Concen: 53.061 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. 0.001 min
 Lab File: VY014413.D
 Acq: 23 Jun 2023 17:25

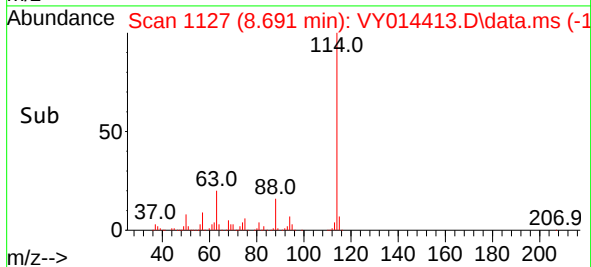
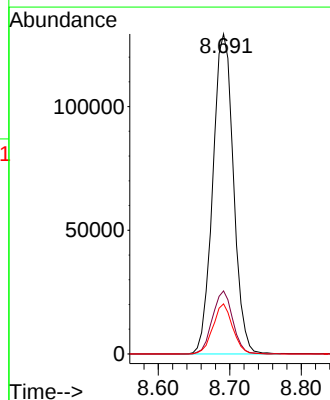
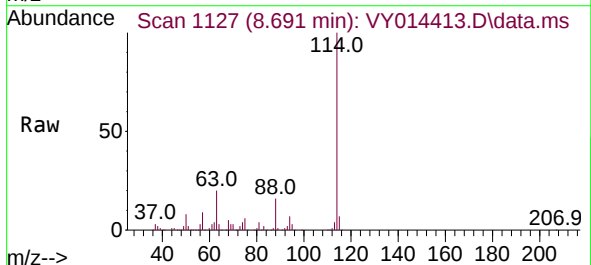
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-01-G

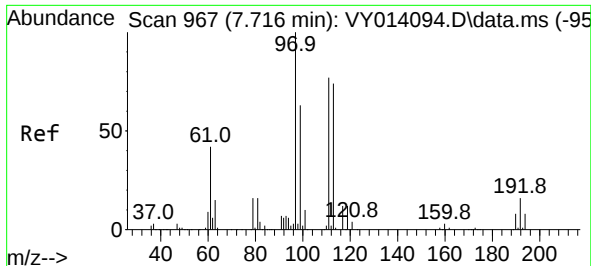
Tgt Ion: 65 Resp: 111856
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014413.D
 Acq: 23 Jun 2023 17:25

Tgt Ion: 114 Resp: 259096
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.7 0.0 30.6

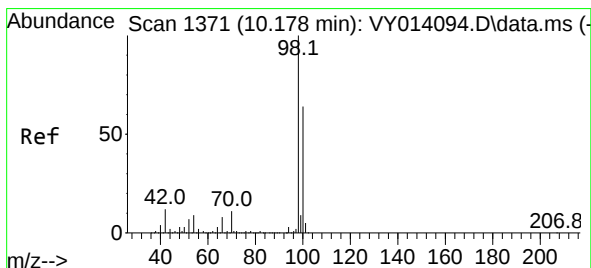
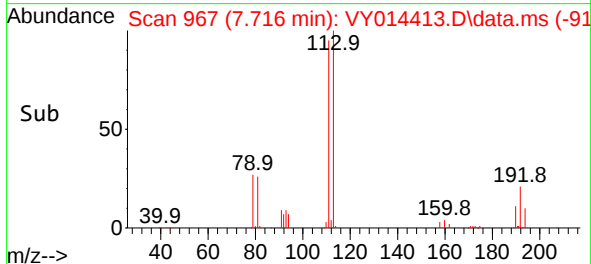
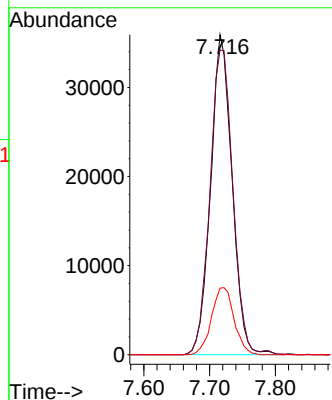
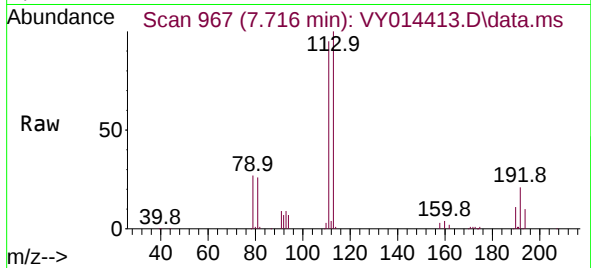




#35
Dibromofluoromethane
Concen: 50.889 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014413.D
Acq: 23 Jun 2023 17:25

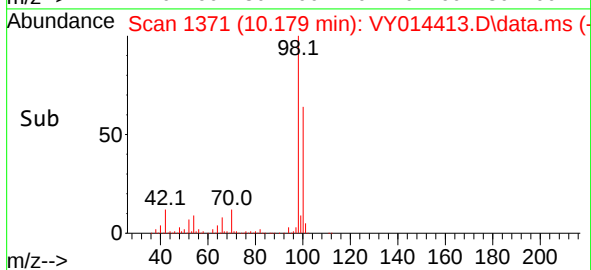
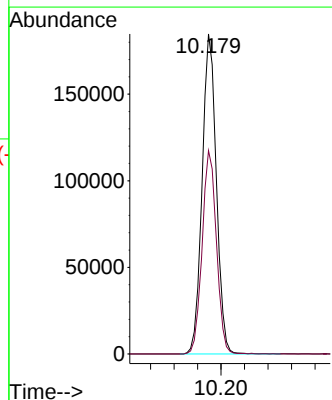
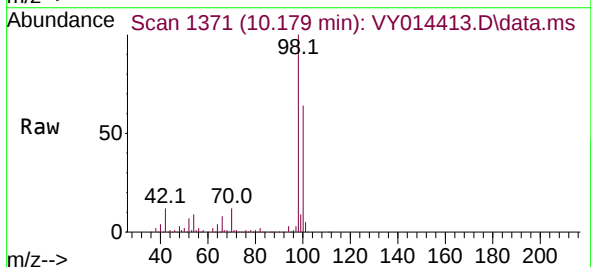
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-01-G

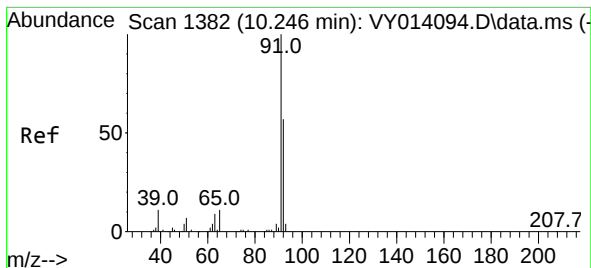
Tgt Ion:113 Resp: 81461
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 22.1 16.9 25.3



#50
Toluene-d8
Concen: 48.820 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014413.D
Acq: 23 Jun 2023 17:25

Tgt Ion: 98 Resp: 310647
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1





#52

Toluene

Concen: 1.095 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY014413.D

Acq: 23 Jun 2023 17:25

Instrument :

MSVOA_Y

ClientSampleId :

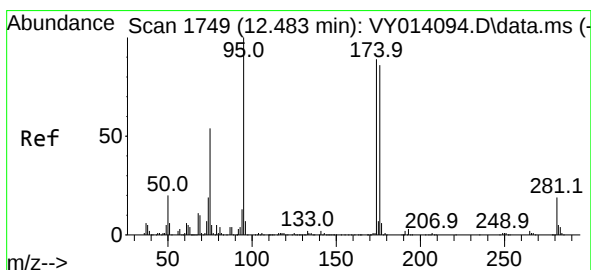
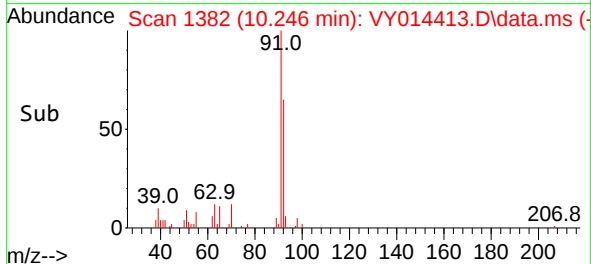
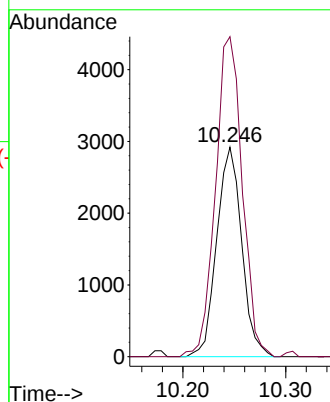
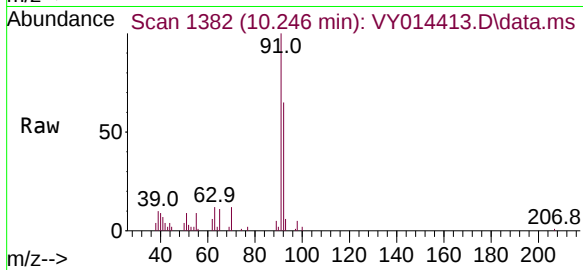
WC-SCAN-01-G

Tgt Ion: 92 Resp: 4924

Ion Ratio Lower Upper

92 100

91 163.9 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 47.831 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014413.D

Acq: 23 Jun 2023 17:25

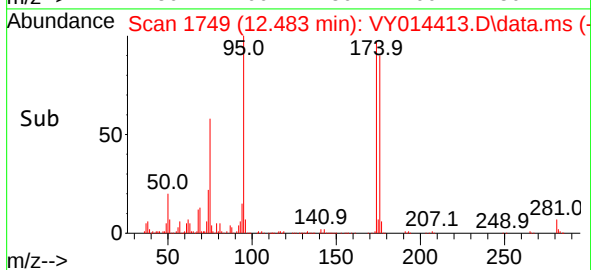
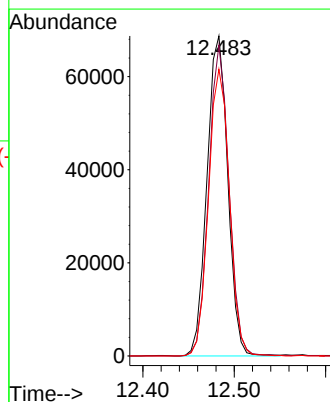
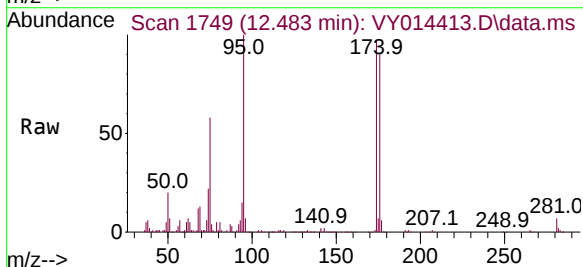
Tgt Ion: 95 Resp: 108658

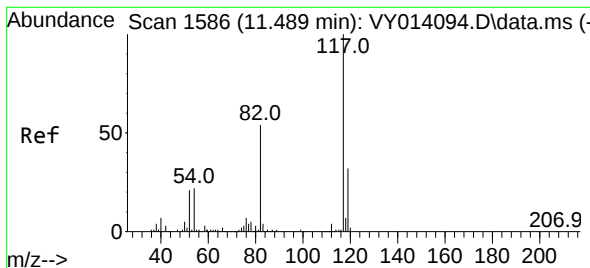
Ion Ratio Lower Upper

95 100

174 94.6 0.0 178.2

176 90.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014413.D

Acq: 23 Jun 2023 17:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-SCAN-01-G

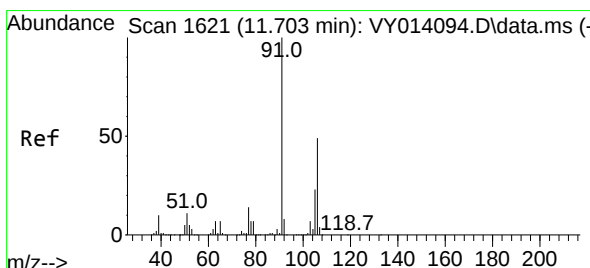
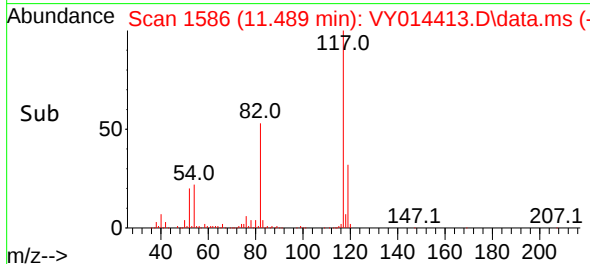
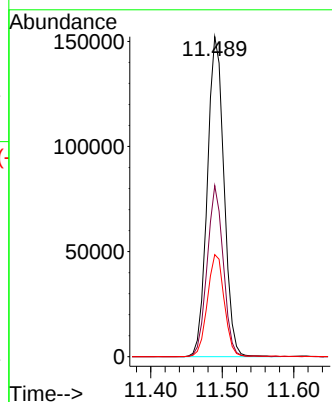
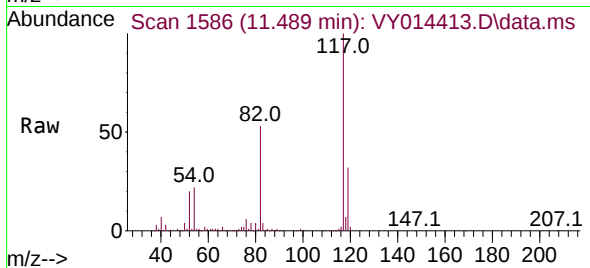
Tgt Ion:117 Resp: 246505

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 31.9 26.3 39.5



#68

m/p-Xylenes

Concen: 3.611 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014413.D

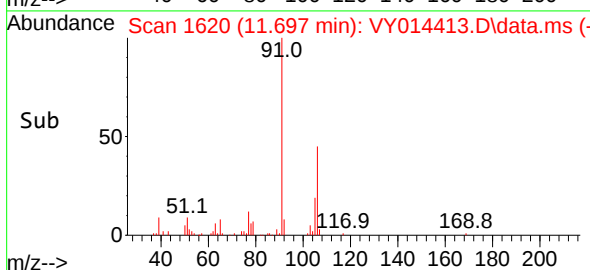
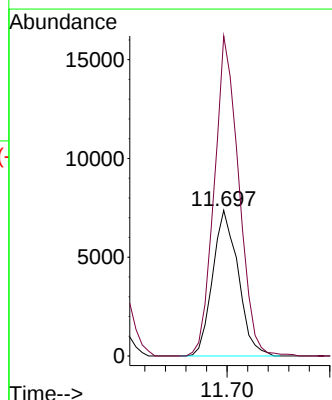
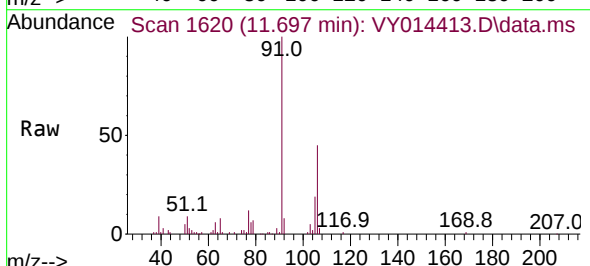
Acq: 23 Jun 2023 17:25

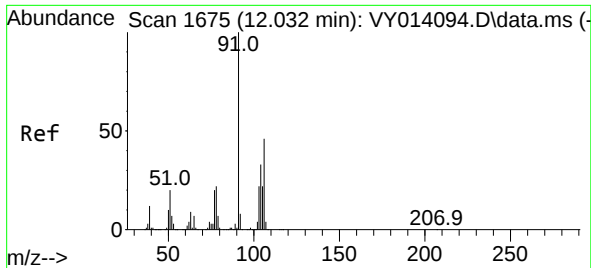
Tgt Ion:106 Resp: 12720

Ion Ratio Lower Upper

106 100

91 211.0 166.1 249.1

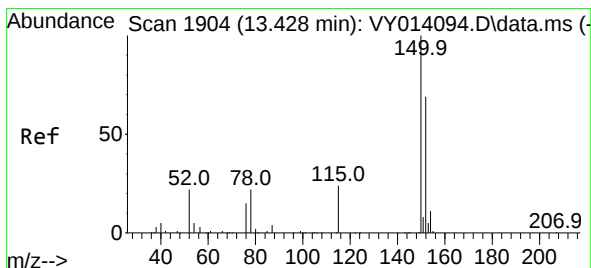
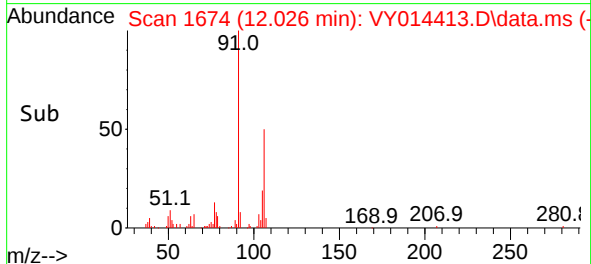
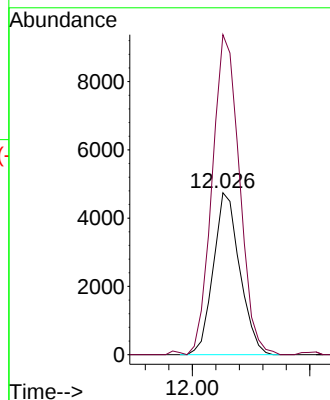
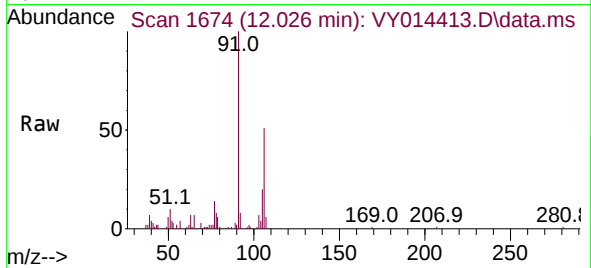




#69
o-Xylene
Concen: 2.209 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014413.D
Acq: 23 Jun 2023 17:25

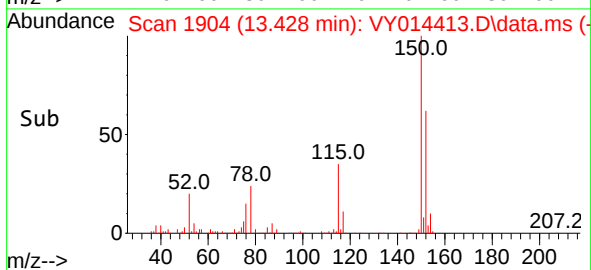
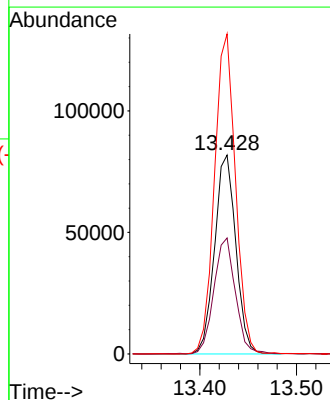
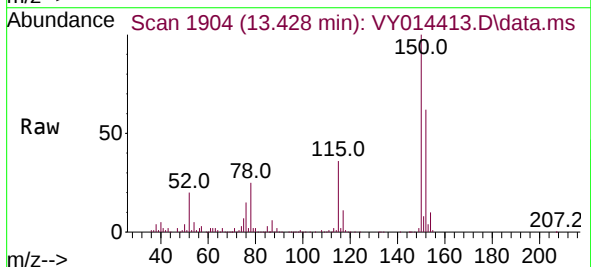
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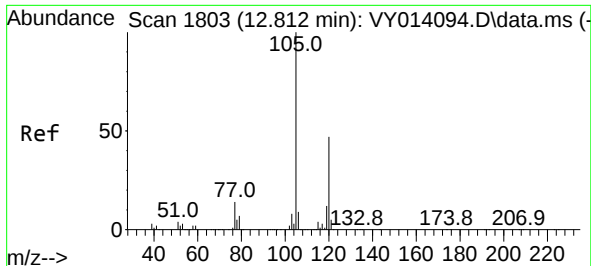
Tgt Ion:106 Resp: 7404
Ion Ratio Lower Upper
106 100
91 205.1 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014413.D
Acq: 23 Jun 2023 17:25

Tgt Ion:152 Resp: 124837
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 158.5 0.0 348.8

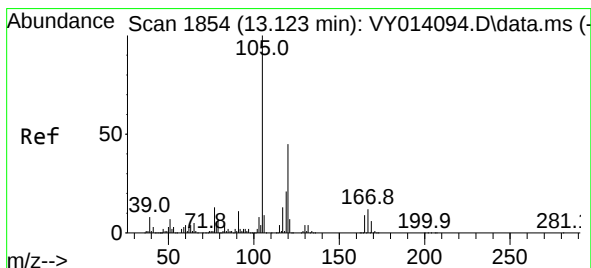
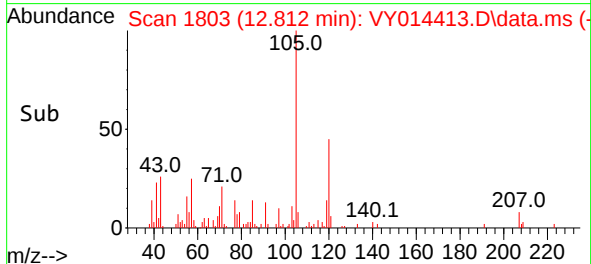
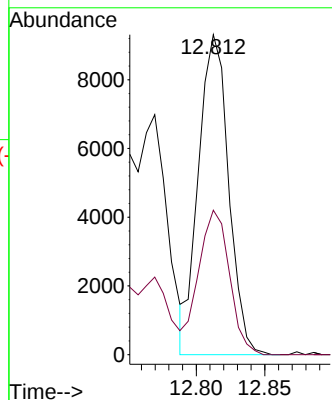
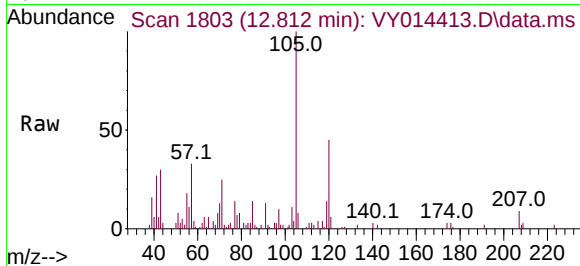




#80
1,3,5-Trimethylbenzene
Concen: 1.956 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014413.D
Acq: 23 Jun 2023 17:25

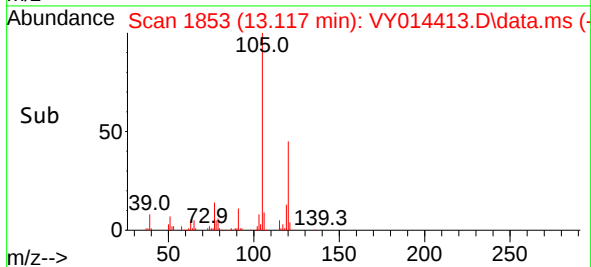
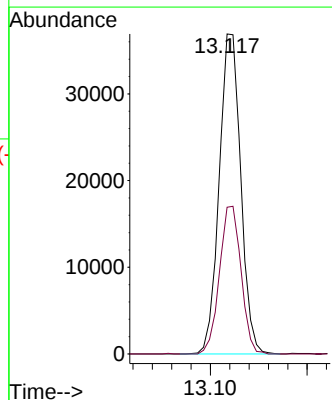
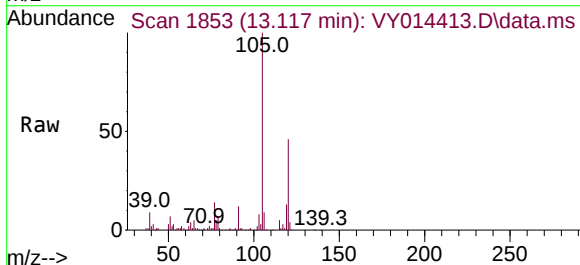
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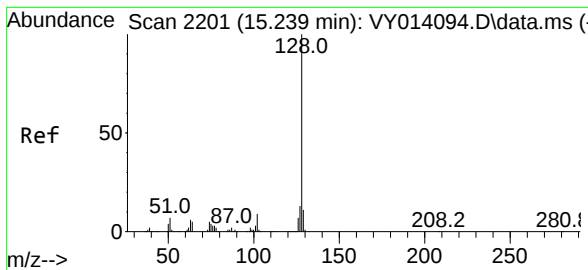
Tgt Ion:105 Resp: 14223
Ion Ratio Lower Upper
105 100
120 46.5 23.9 71.7



#84
1,2,4-Trimethylbenzene
Concen: 7.921 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014413.D
Acq: 23 Jun 2023 17:25

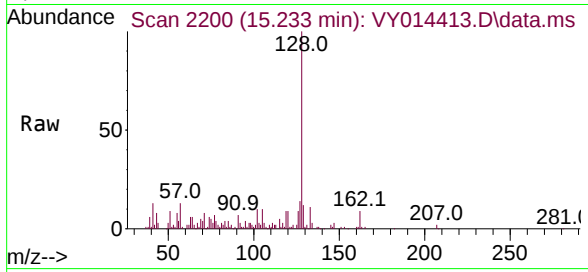
Tgt Ion:105 Resp: 57075
Ion Ratio Lower Upper
105 100
120 46.1 22.2 66.6





#95
Naphthalene
Concen: 5.671 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014413.D
Acq: 23 Jun 2023 17:25

Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-01-G



Tgt Ion:128 Resp: 30483
Ion Ratio Lower Upper
128 100
127 15.3 10.8 16.2
129 13.8 8.6 13.0#

