

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
 Data File : VY015767.D
 Acq On : 29 Sep 2023 20:36
 Operator : SY/MD
 Sample : 04657-08
 Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 V-1(2-6IN)

Quant Time: Sep 30 01:18:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

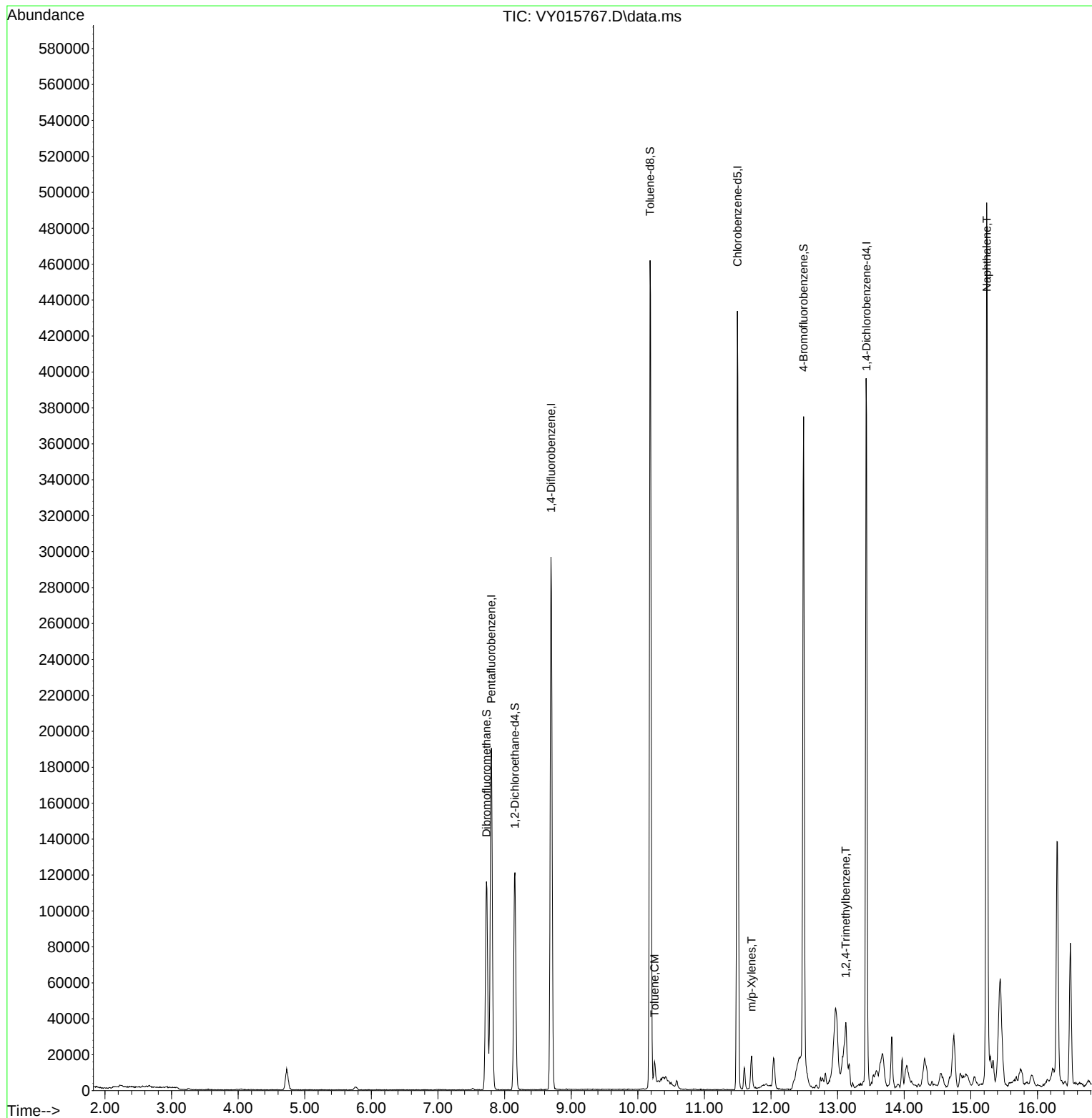
Internal Standards						
1) Pentafluorobenzene	7.801	168	150599	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	257400	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	235602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	102679	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	95829	57.833	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.660%	
35) Dibromofluoromethane	7.728	113	83233	54.025	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.060%	
50) Toluene-d8	10.185	98	302071	57.827	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.660%	
62) 4-Bromofluorobenzene	12.489	95	103412	50.446	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
52) Toluene	10.252	92	5499	1.228	ug/l	85
68) m/p-Xylenes	11.709	106	5558	1.627	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	7578	1.175	ug/l	96
95) Naphthalene	15.239	128	405106	71.270	ug/l	99

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

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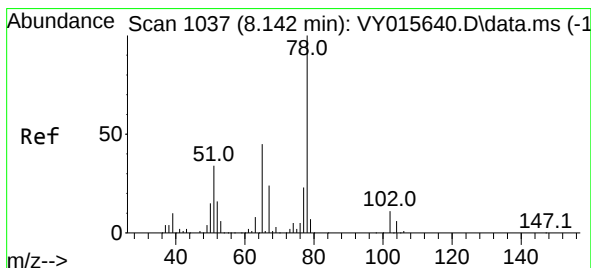
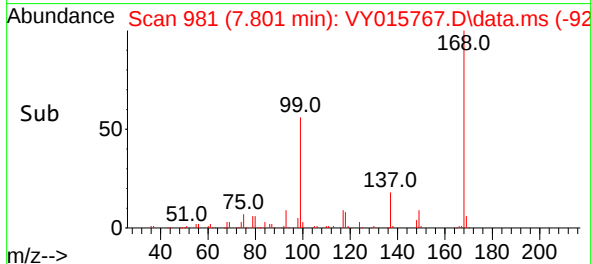
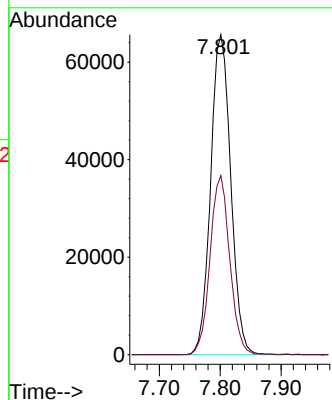
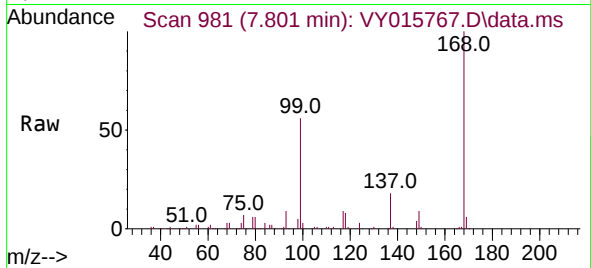




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015767.D
Acq: 29 Sep 2023 20:36

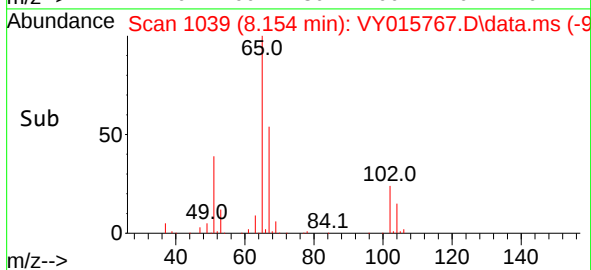
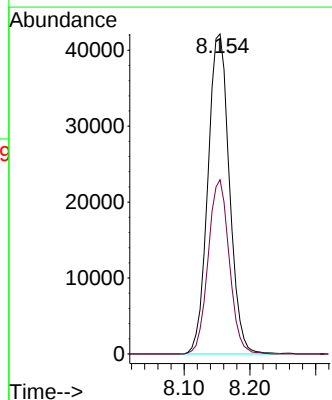
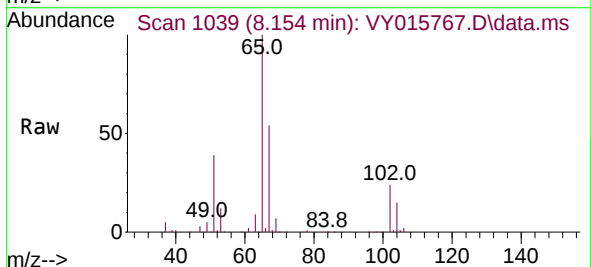
Instrument :
MSVOA_Y
ClientSampleId :
V-1(2-6IN)

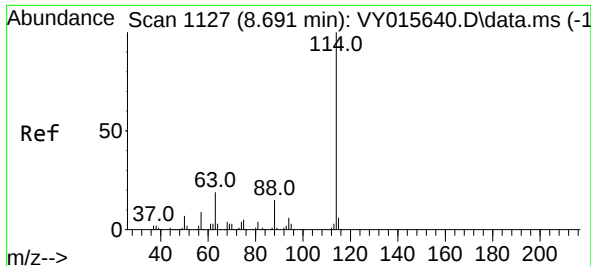
Tgt Ion:168 Resp: 150599
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.833 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY015767.D
Acq: 29 Sep 2023 20:36

Tgt Ion: 65 Resp: 95829
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8

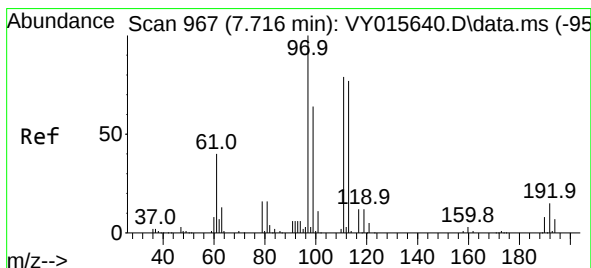
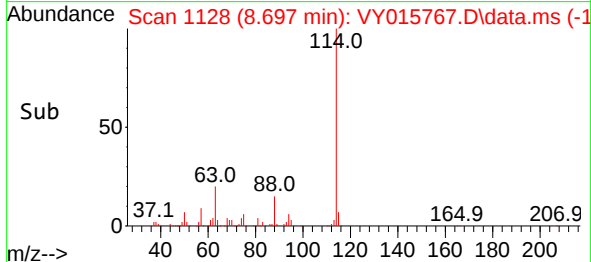
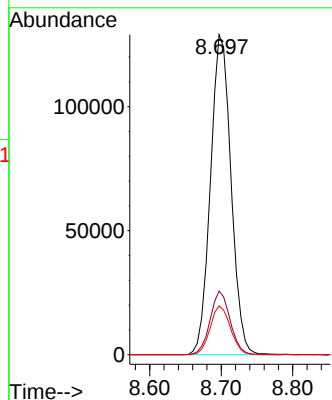
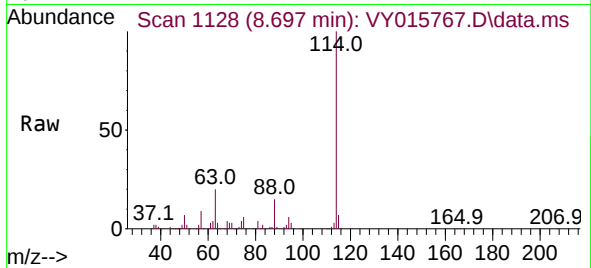




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY015767.D
Acq: 29 Sep 2023 20:36

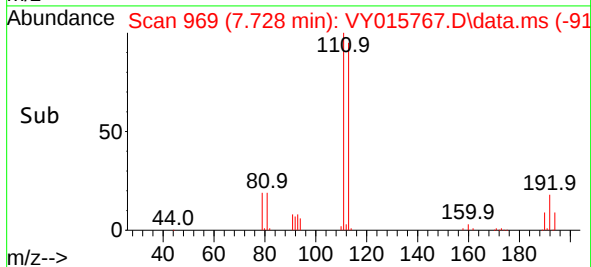
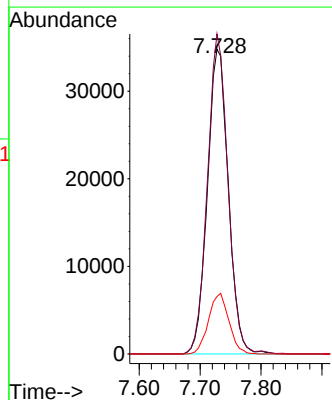
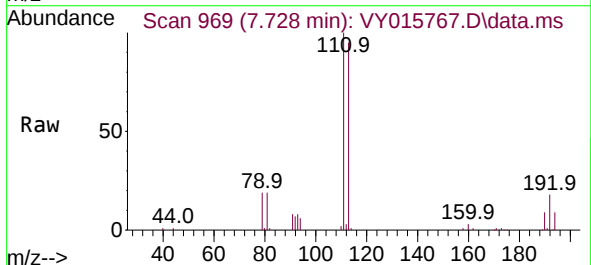
Instrument :
MSVOA_Y
ClientSampleId :
V-1(2-6IN)

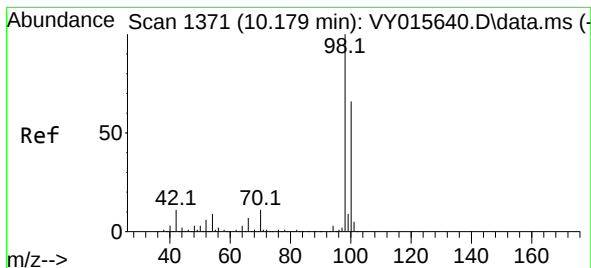
Tgt Ion:114 Resp: 257400
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.025 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY015767.D
Acq: 29 Sep 2023 20:36

Tgt Ion:113 Resp: 83233
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.4 16.9 25.3





#50

Toluene-d8

Concen: 57.827 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY015767.D

Acq: 29 Sep 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :

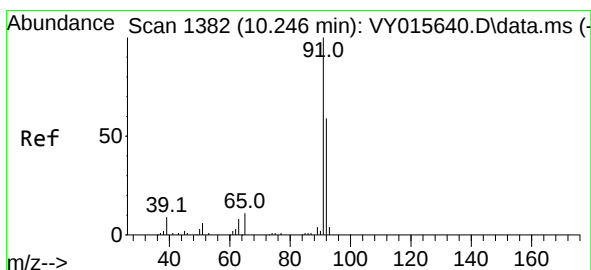
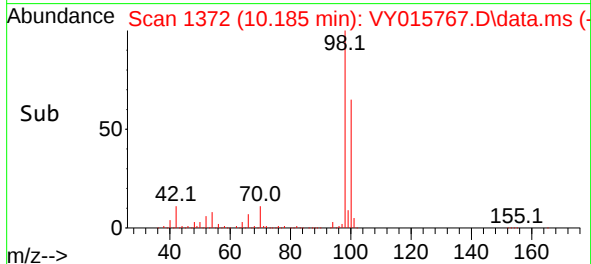
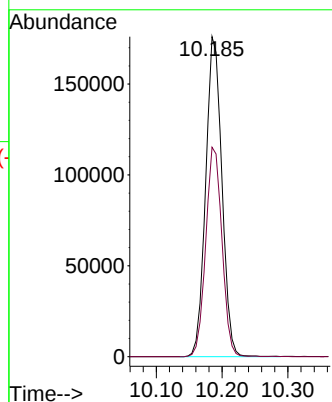
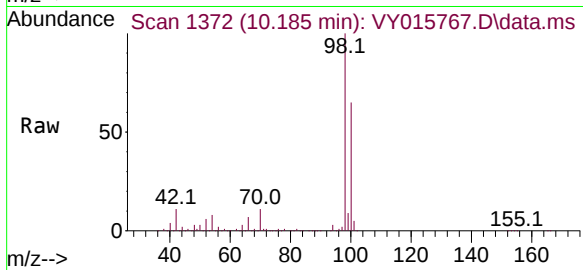
V-1(2-6IN)

Tgt Ion: 98 Resp: 302071

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#52

Toluene

Concen: 1.228 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.012 min

Lab File: VY015767.D

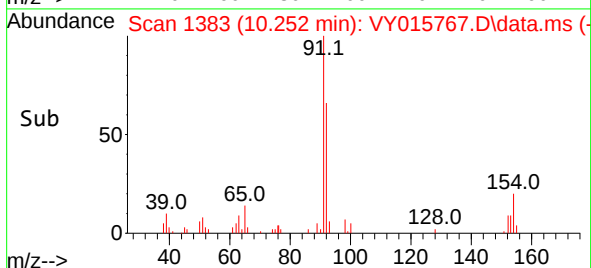
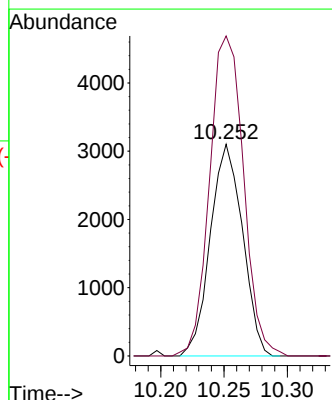
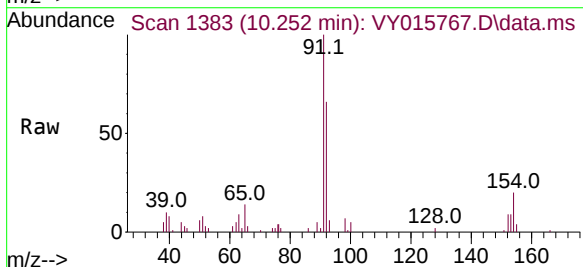
Acq: 29 Sep 2023 20:36

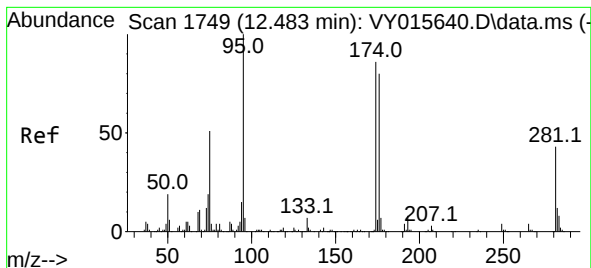
Tgt Ion: 92 Resp: 5499

Ion Ratio Lower Upper

92 100

91 159.1 143.8 215.6

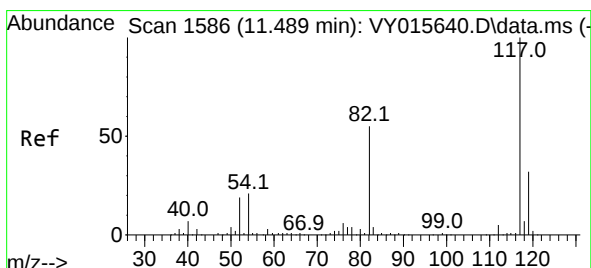
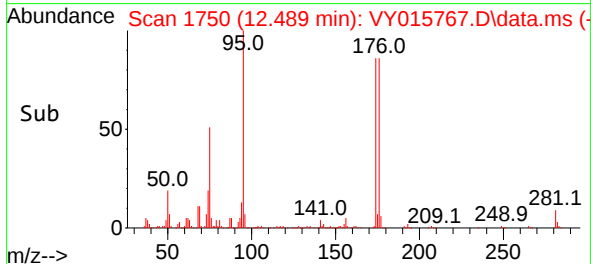
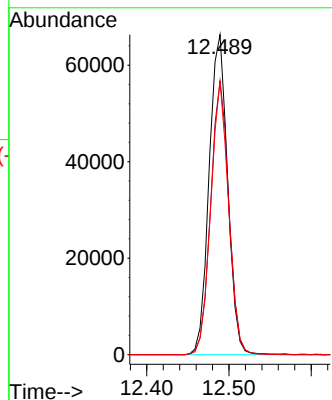
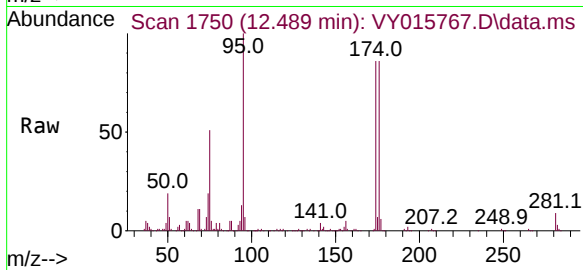




#62
4-Bromofluorobenzene
Concen: 50.446 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015767.D
Acq: 29 Sep 2023 20:36

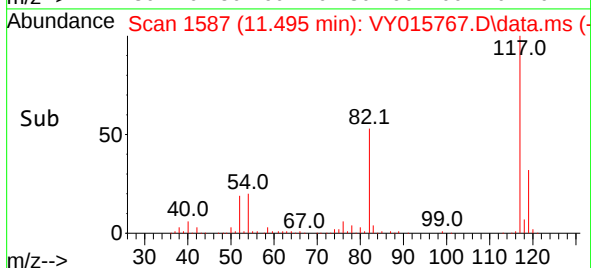
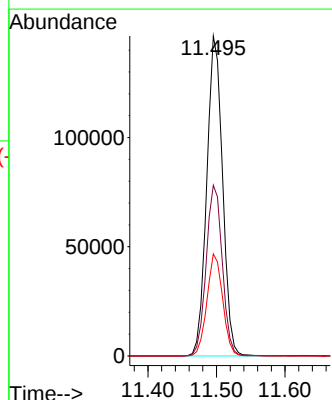
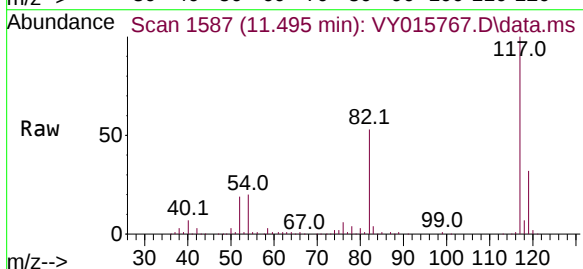
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V-1(2-6IN)

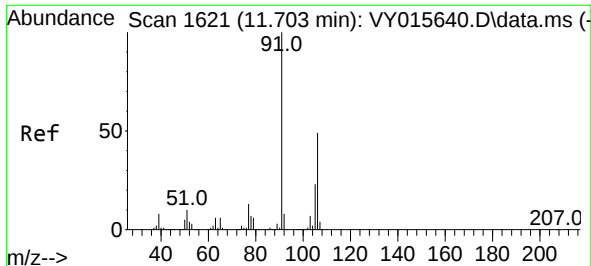
Tgt Ion: 95 Resp: 103412
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015767.D
Acq: 29 Sep 2023 20:36

Tgt Ion: 117 Resp: 235602
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.9 26.3 39.5

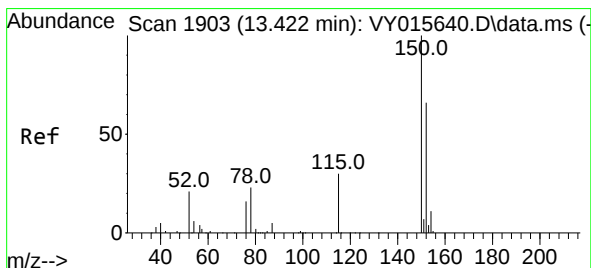
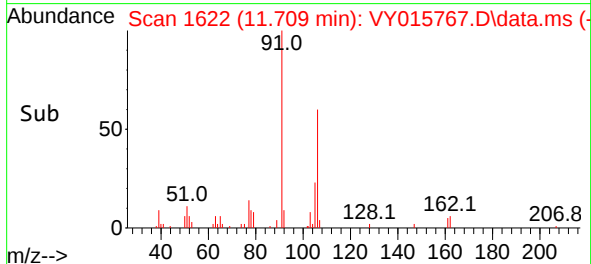
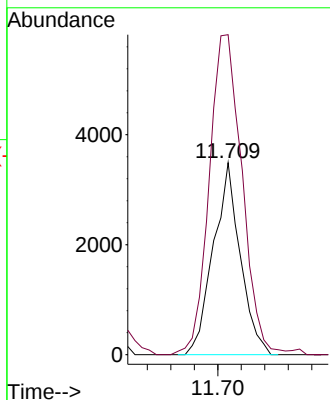
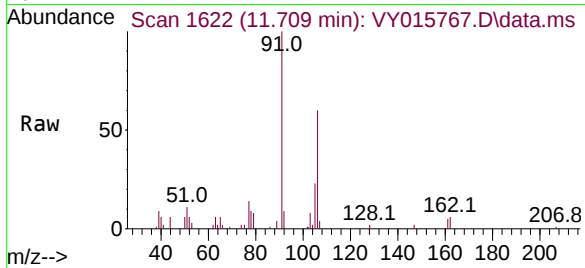




#68
m/p-Xylenes
Concen: 1.627 ug/l
RT: 11.709 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015767.D
Acq: 29 Sep 2023 20:36

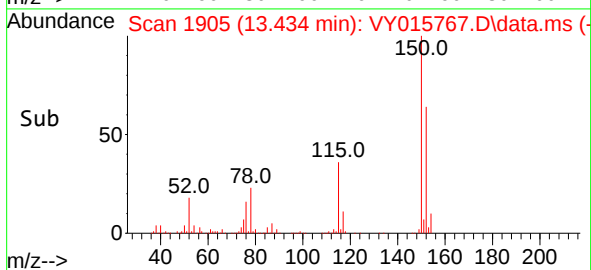
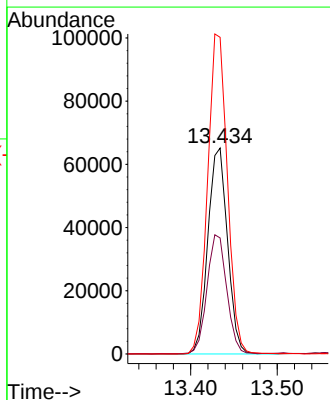
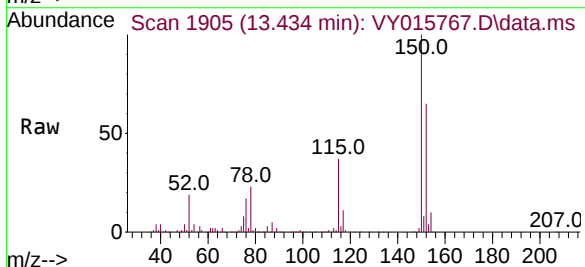
Instrument :
MSVOA_Y
ClientSampleId :
V-1(2-6IN)

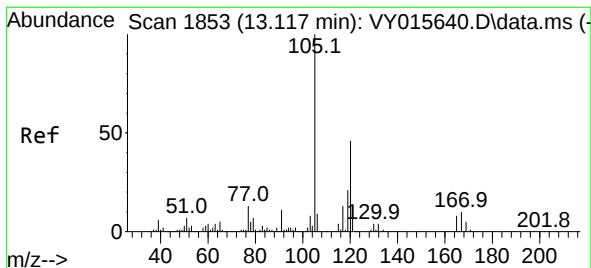
Tgt Ion:106 Resp: 5558
Ion Ratio Lower Upper
106 100
91 204.0 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY015767.D
Acq: 29 Sep 2023 20:36

Tgt Ion:152 Resp: 102679
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 156.1 0.0 348.8





#84

1,2,4-Trimethylbenzene

Concen: 1.175 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015767.D

Acq: 29 Sep 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :

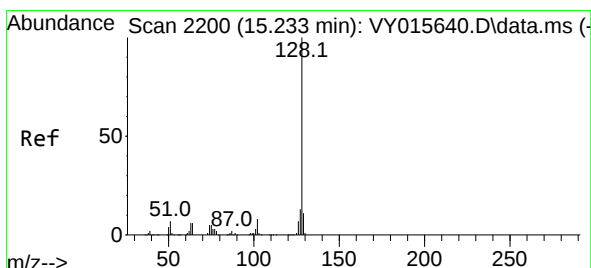
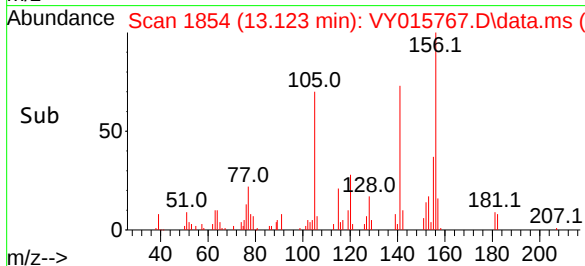
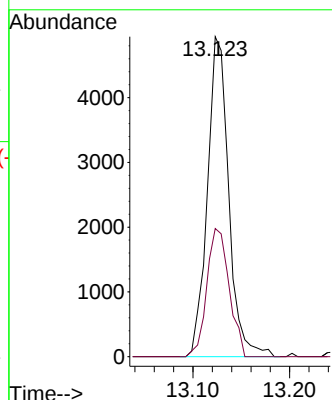
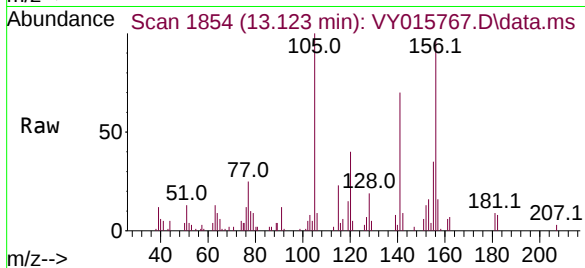
V-1(2-6IN)

Tgt Ion:105 Resp: 7578

Ion Ratio Lower Upper

105 100

120 41.8 22.2 66.6



#95

Naphthalene

Concen: 71.270 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015767.D

Acq: 29 Sep 2023 20:36

Tgt Ion:128 Resp: 405106

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.8 8.6 13.0

