

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015257.D
 Acq On : 22 Aug 2023 20:11
 Operator : SY/MD
 Sample : 04109-05
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-04(6-7)

Quant Time: Aug 23 02:47:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

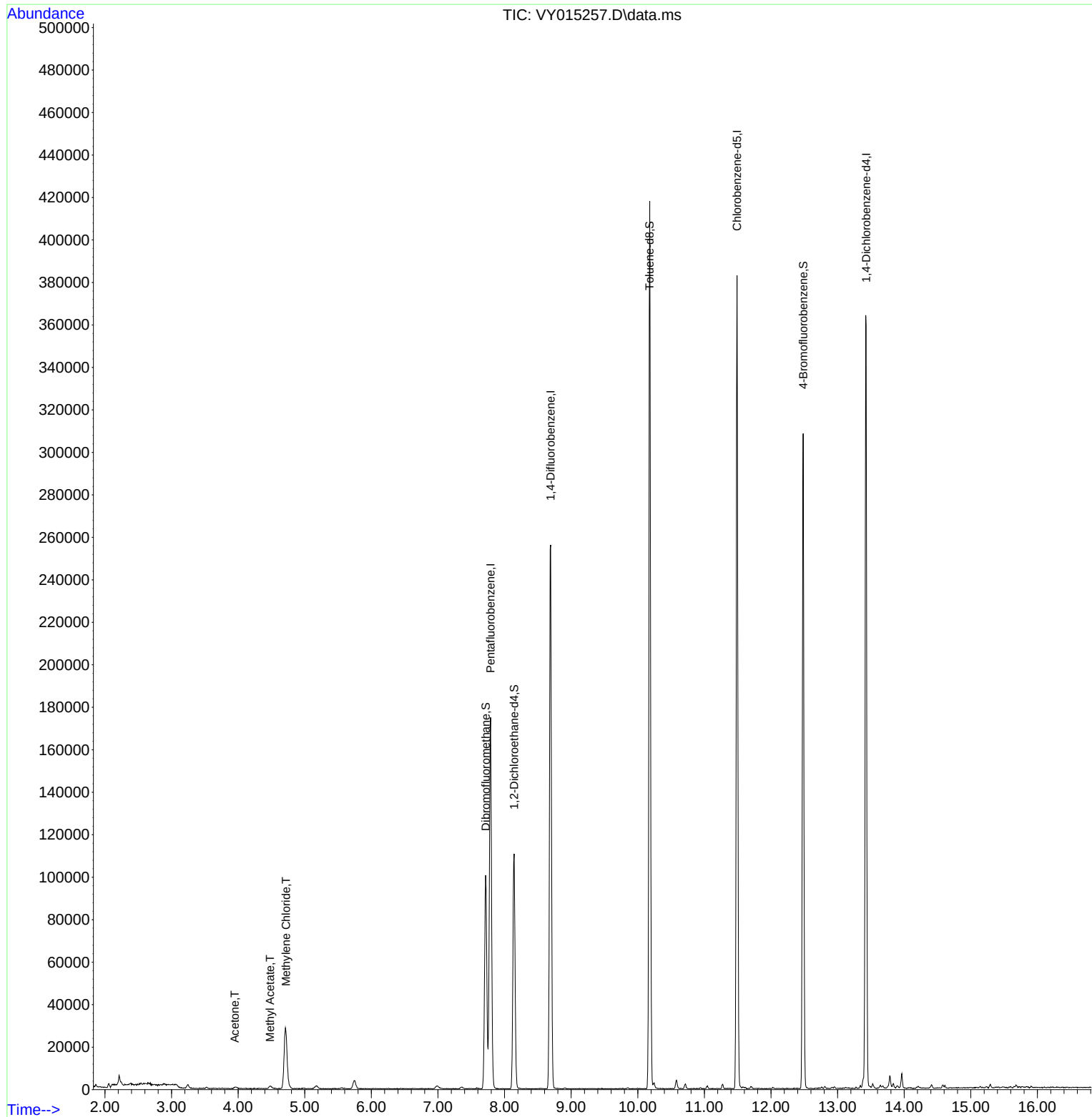
Internal Standards						
1) Pentafluorobenzene	7.789	168	134792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87398	54.014	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.020%		
35) Dibromofluoromethane	7.716	113	69808	48.197	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 96.400%		
50) Toluene-d8	10.179	98	263455	48.862	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 97.720%		
62) 4-Bromofluorobenzene	12.483	95	86054	43.697	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 87.400%		
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1702	3.220	ug/l	91
18) Methyl Acetate	4.479	43	2465	1.273	ug/l #	80
20) Methylene Chloride	4.716	84	22131	14.385	ug/l #	86

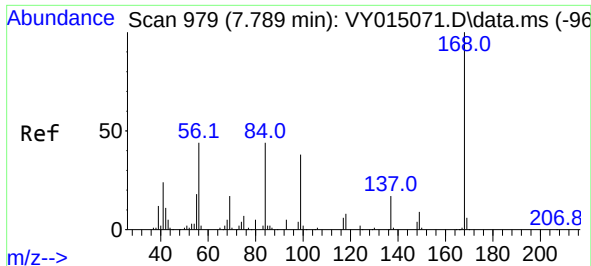
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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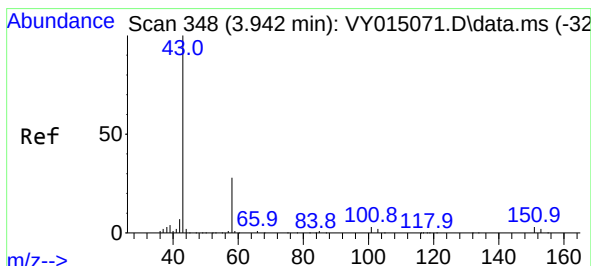
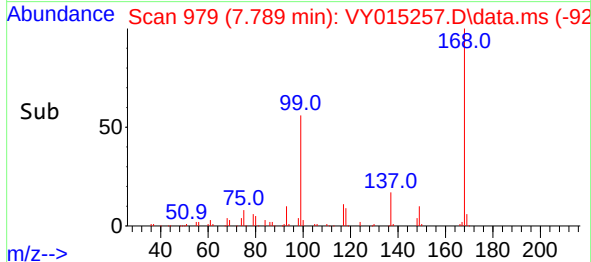
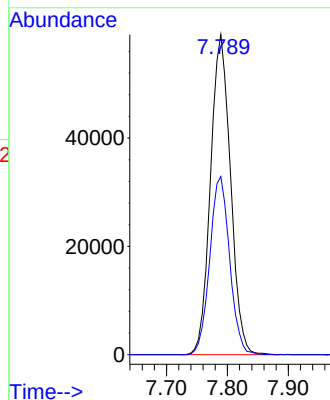
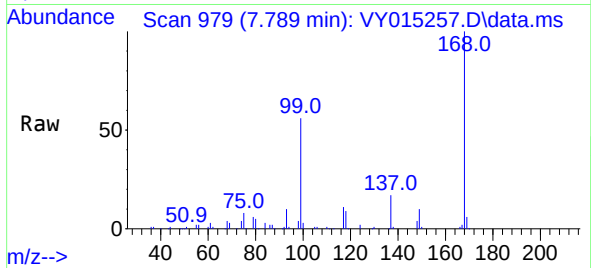




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015257.D
Acq: 22 Aug 2023 20:11

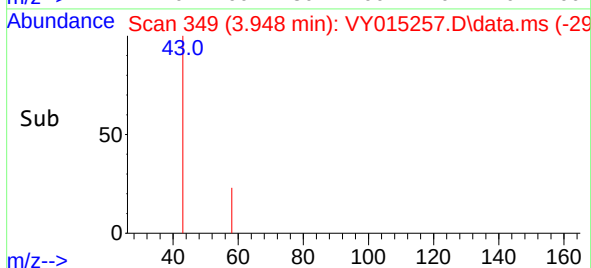
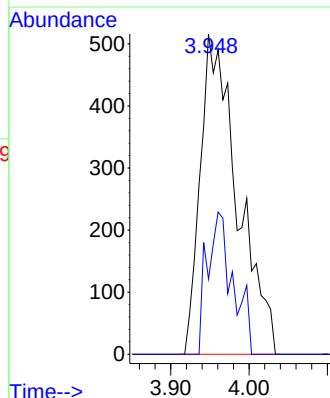
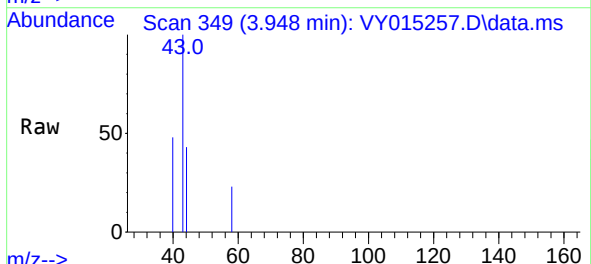
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(6-7)

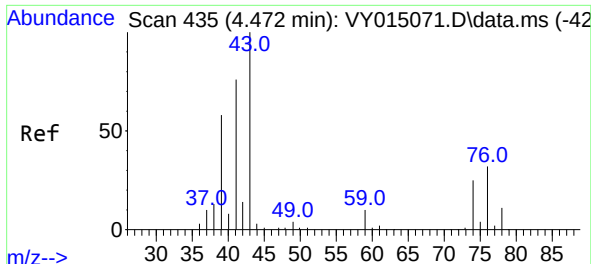
Tgt Ion:168 Resp: 134792
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#16
Acetone
Concen: 3.220 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015257.D
Acq: 22 Aug 2023 20:11

Tgt Ion: 43 Resp: 1702
Ion Ratio Lower Upper
43 100
58 23.4 22.7 34.1

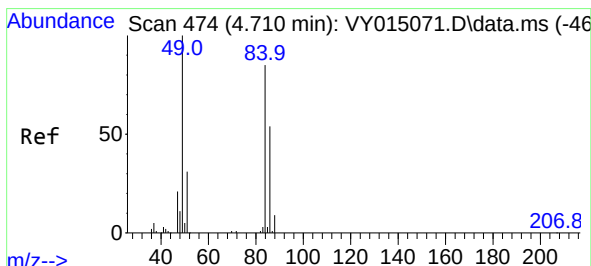
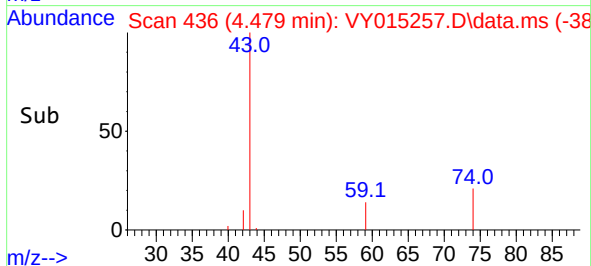
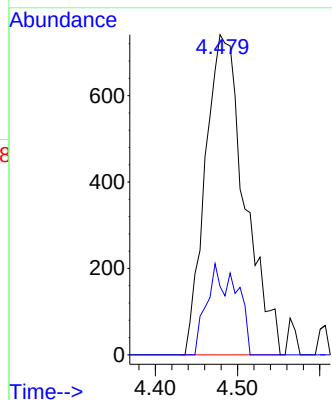
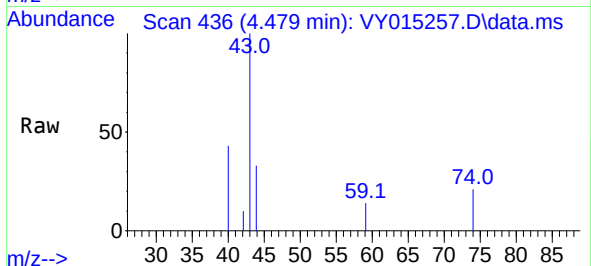




#18
Methyl Acetate
Concen: 1.273 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY015257.D
Acq: 22 Aug 2023 20:11

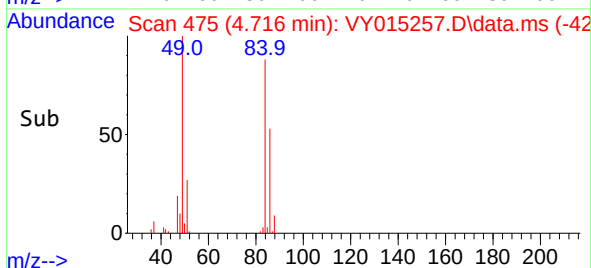
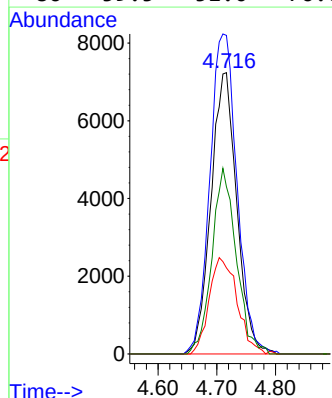
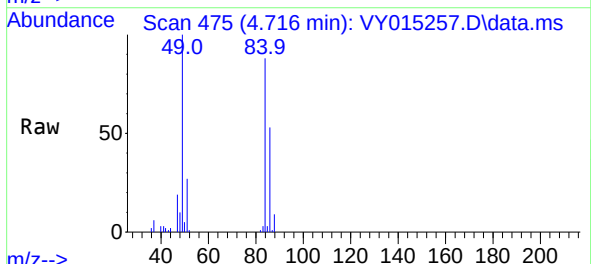
Instrument :
MSVOA_Y
ClientSampleId :
TP-04(6-7)

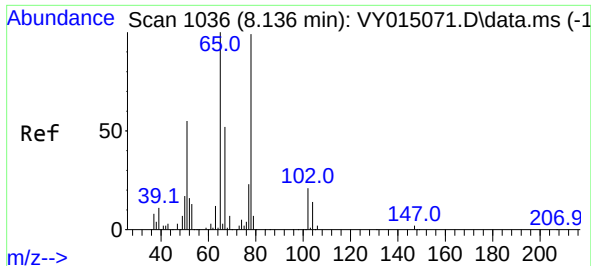
Tgt Ion: 43 Resp: 2465
Ion Ratio Lower Upper
43 100
74 12.4 17.4 26.0#



#20
Methylene Chloride
Concen: 14.385 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015257.D
Acq: 22 Aug 2023 20:11

Tgt Ion: 84 Resp: 22131
Ion Ratio Lower Upper
84 100
49 113.3 106.9 160.3
51 30.6 33.2 49.8#
86 59.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.014 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015257.D

Acq: 22 Aug 2023 20:11

Instrument :

MSVOA_Y

ClientSampleId :

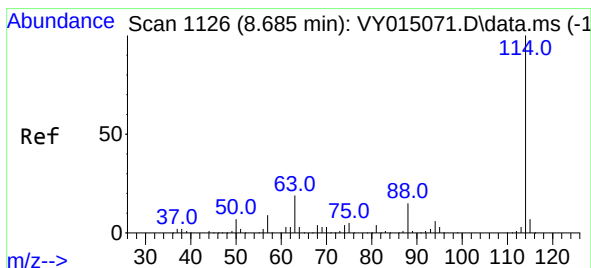
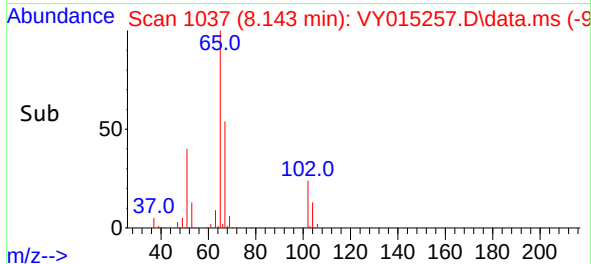
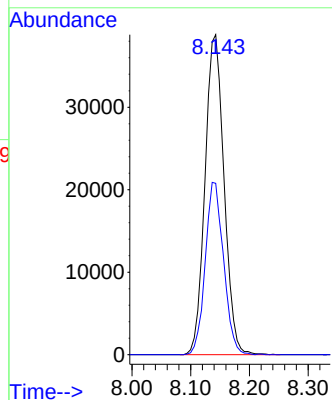
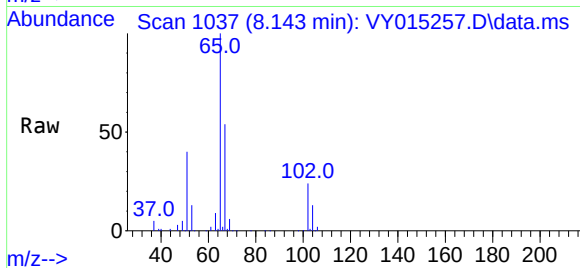
TP-04(6-7)

Tgt Ion: 65 Resp: 87398

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015257.D

Acq: 22 Aug 2023 20:11

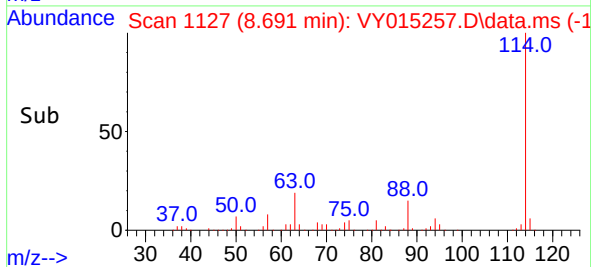
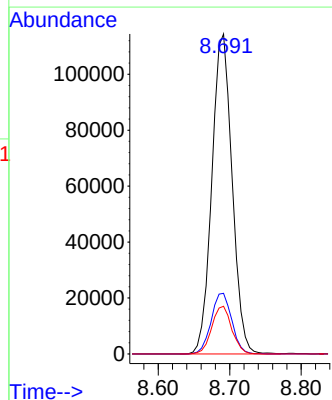
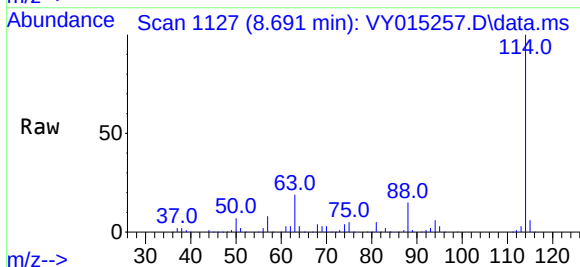
Tgt Ion: 114 Resp: 225139

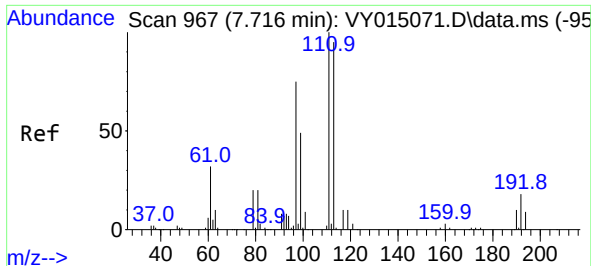
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.9 0.0 30.6

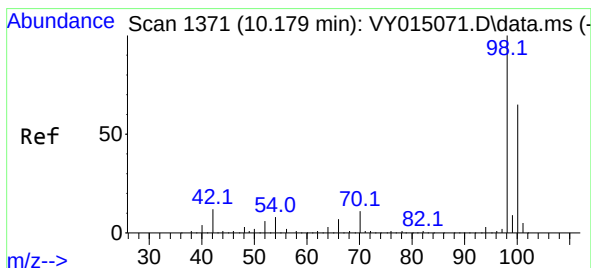
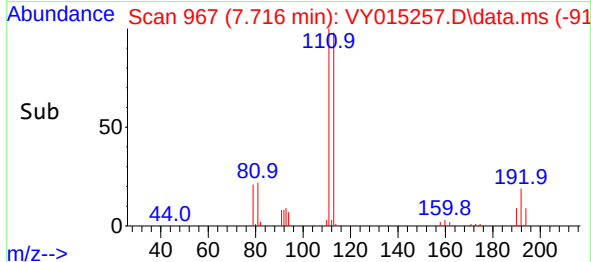
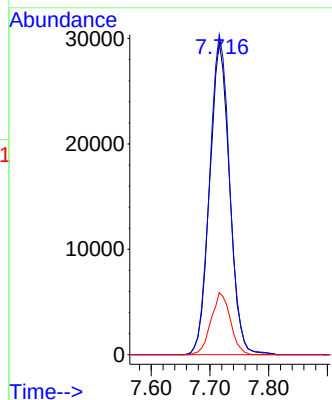
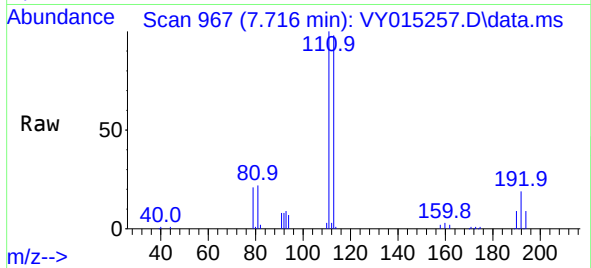




#35
Dibromofluoromethane
Concen: 48.197 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015257.D
Acq: 22 Aug 2023 20:11

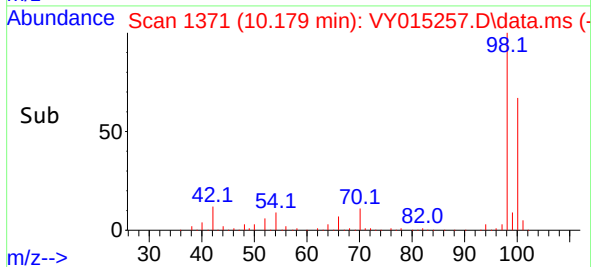
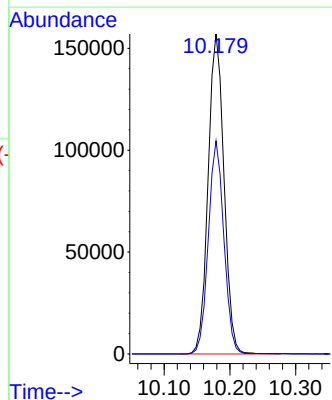
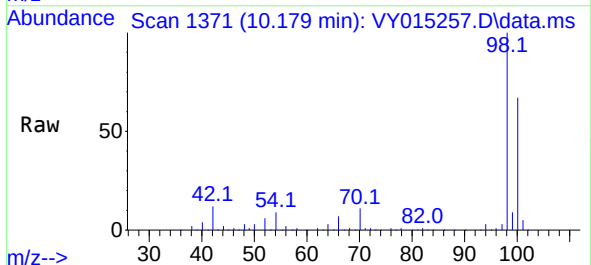
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TP-04(6-7)

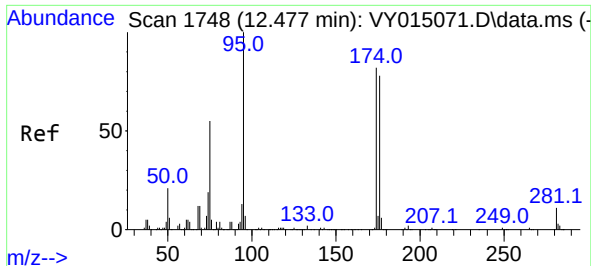
Tgt Ion:113 Resp: 69808
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 48.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015257.D
Acq: 22 Aug 2023 20:11

Tgt Ion: 98 Resp: 263455
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

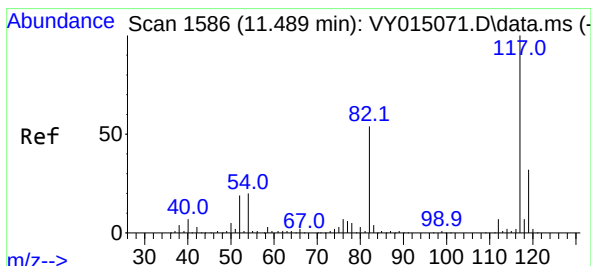
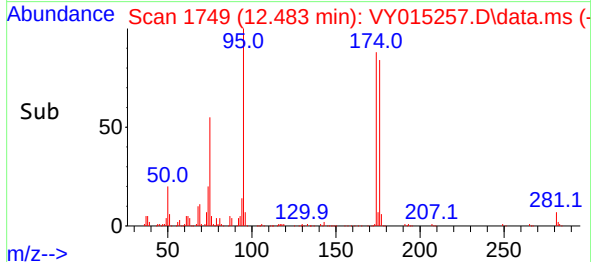
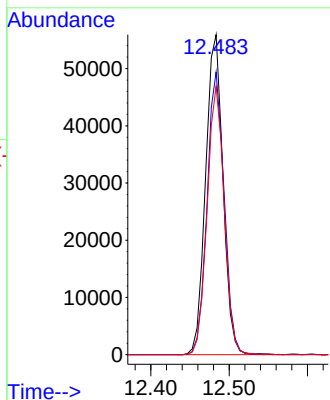
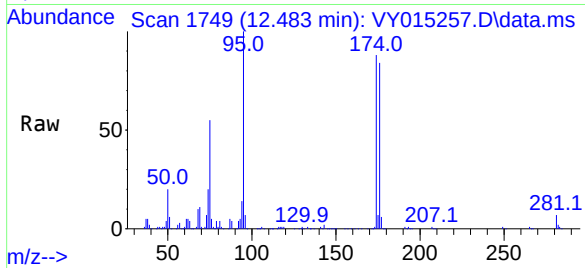




#62
4-Bromofluorobenzene
Concen: 43.697 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015257.D
Acq: 22 Aug 2023 20:11

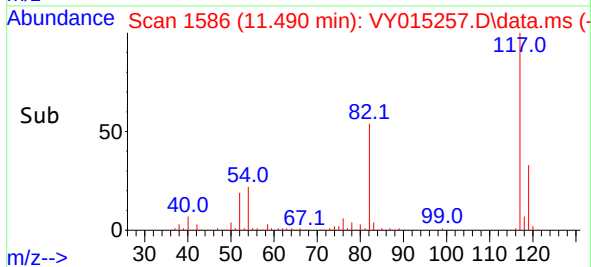
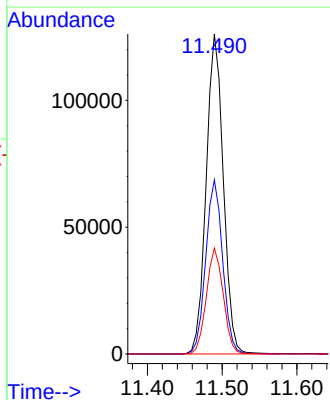
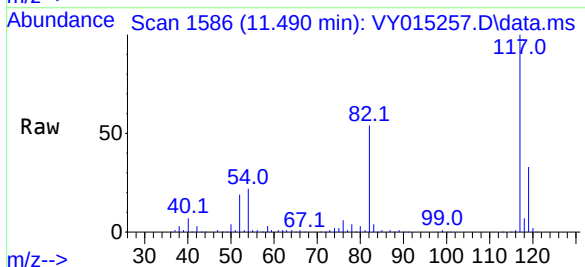
Instrument :
MSVOA_Y
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TP-04(6-7)

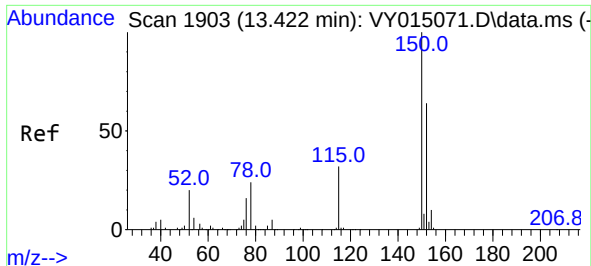
Tgt Ion: 95 Resp: 86054
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015257.D
Acq: 22 Aug 2023 20:11

Tgt Ion: 117 Resp: 200656
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 33.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015257.D

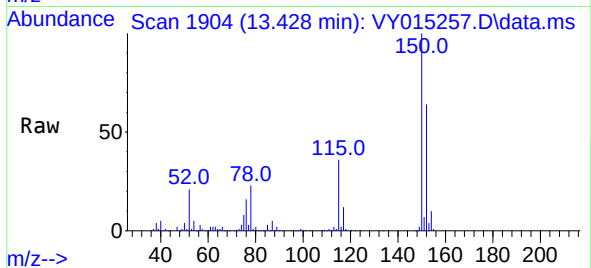
Acq: 22 Aug 2023 20:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-04(6-7)



Tgt Ion:152 Resp: 95215

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 156.9 0.0 348.8

