

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015267.D
 Acq On : 23 Aug 2023 00:39
 Operator : SY/MD
 Sample : 04110-07
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-07(1-3)

Quant Time: Aug 23 04:58:30 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)

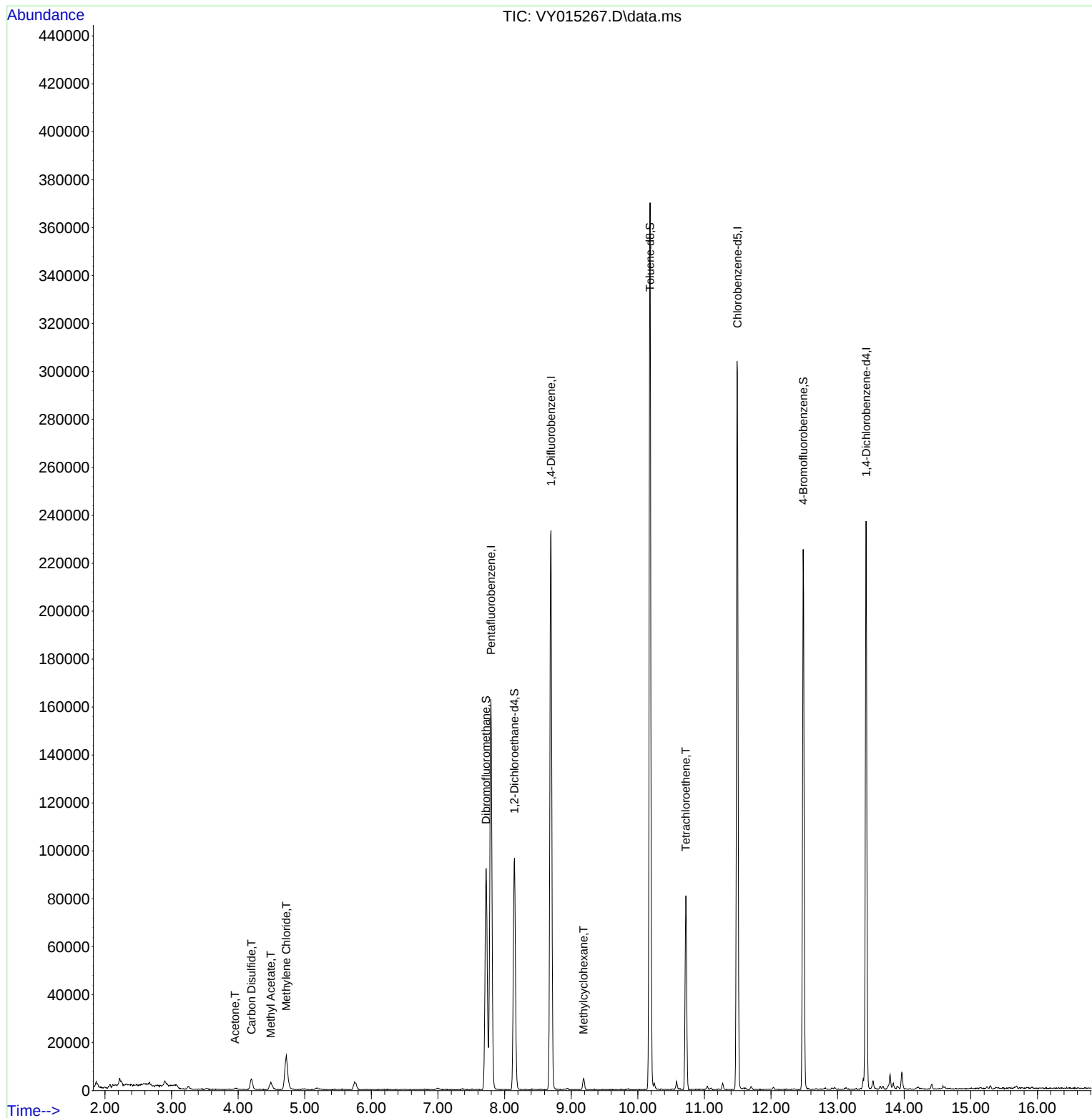
Internal Standards						
1) Pentafluorobenzene	7.795	168	123844	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	205500	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	165724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77834	52.356	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.720%	
35) Dibromofluoromethane	7.722	113	65030	49.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.380%	
50) Toluene-d8	10.185	98	236158	47.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.980%	
62) 4-Bromofluorobenzene	12.483	95	62214	34.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.220%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1083	2.230	ug/l	93
17) Carbon Disulfide	4.198	76	8916	5.879	ug/l #	93
18) Methyl Acetate	4.491	43	5866	3.296	ug/l	95
20) Methylene Chloride	4.722	84	10129	4.792	ug/l #	80
39) Methylcyclohexane	9.185	83	1973	1.203	ug/l	92
64) Tetrachloroethene	10.721	164	16516	14.305	ug/l	98

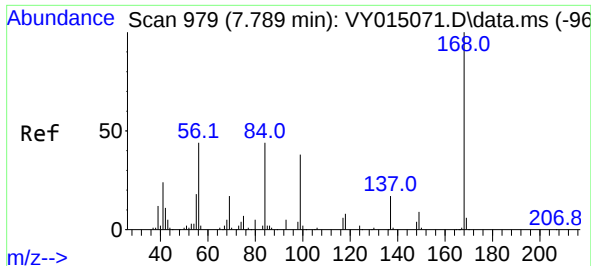
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-07(1-3)

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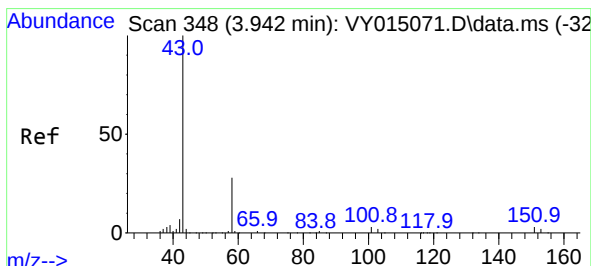
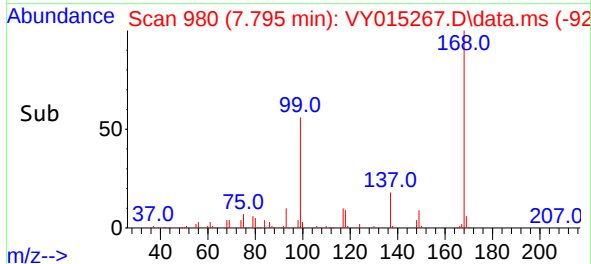
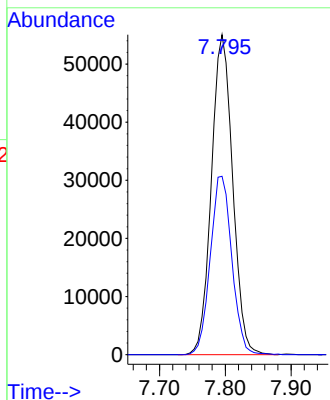
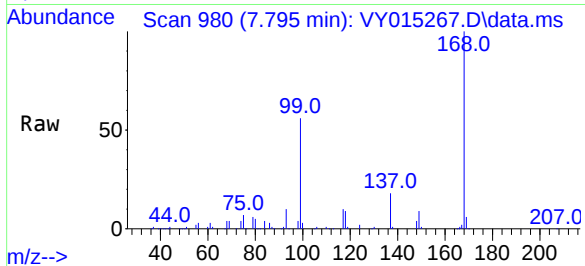




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

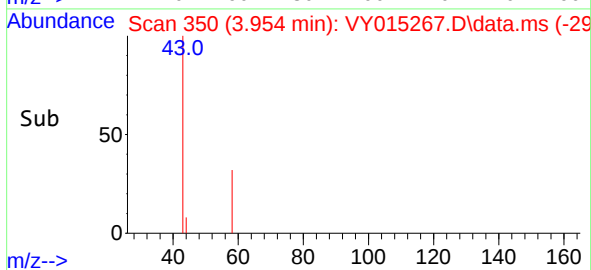
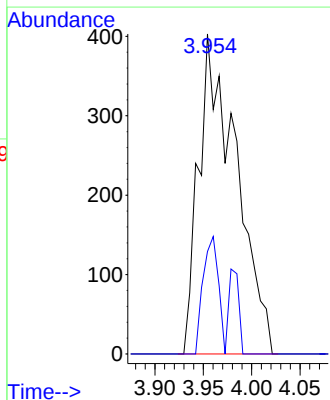
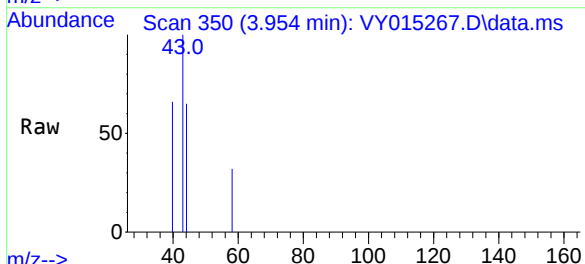
Instrument :
MSVOA_Y
ClientSampleId :
TP-07(1-3)

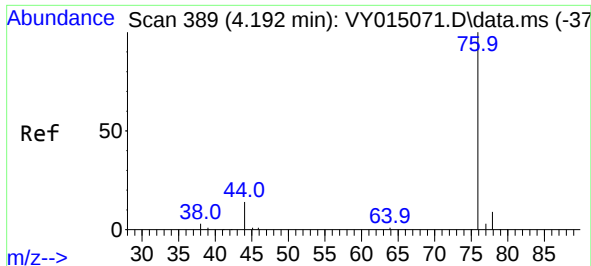
Tgt Ion:168 Resp: 123844
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 2.230 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

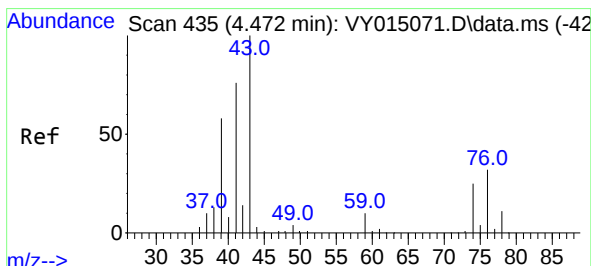
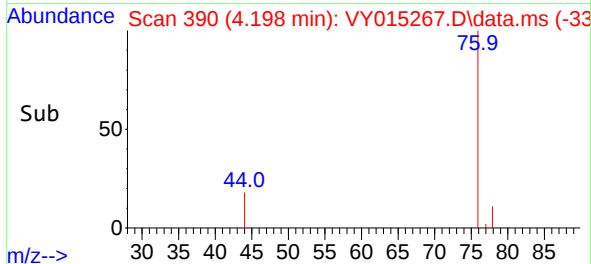
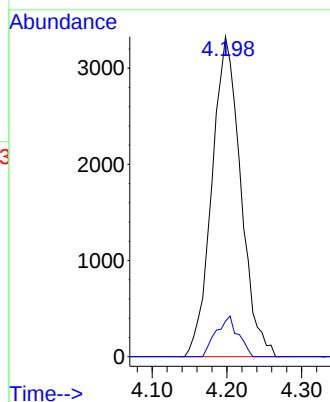
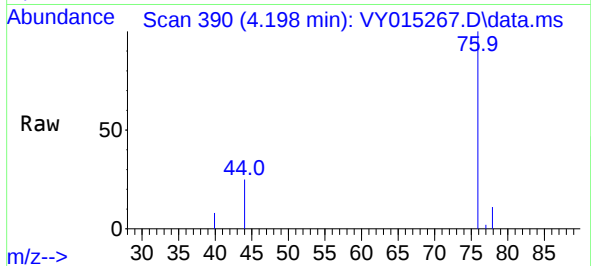




#17
Carbon Disulfide
Concen: 5.879 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.012 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

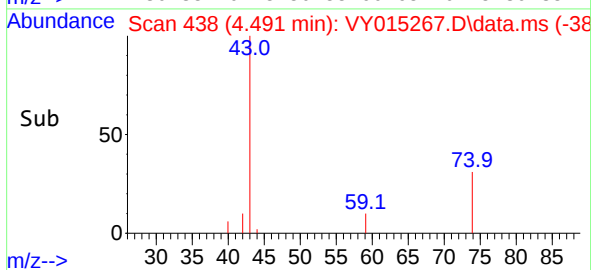
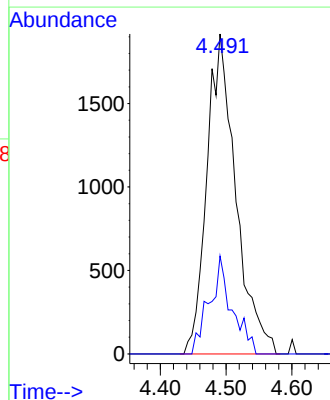
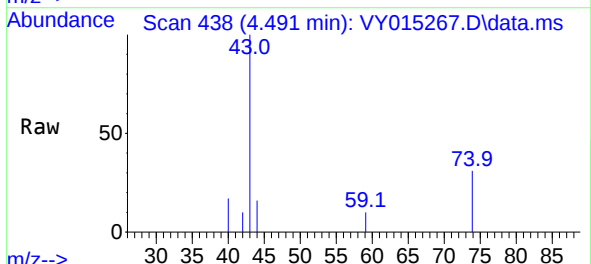
Instrument :
MSVOA_Y
ClientSampleId :
TP-07(1-3)

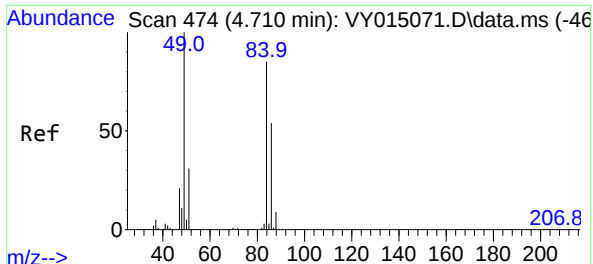
Tgt Ion: 76 Resp: 8916
Ion Ratio Lower Upper
76 100
78 11.1 7.0 10.4#



#18
Methyl Acetate
Concen: 3.296 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.025 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

Tgt Ion: 43 Resp: 5866
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0

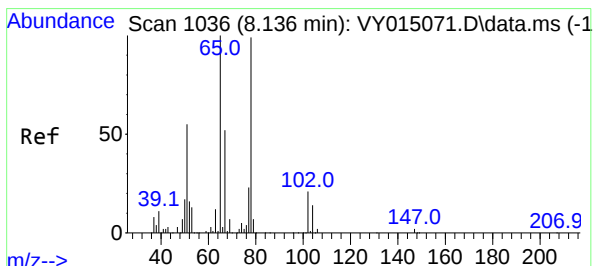
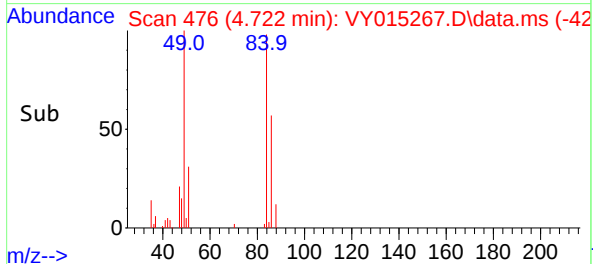
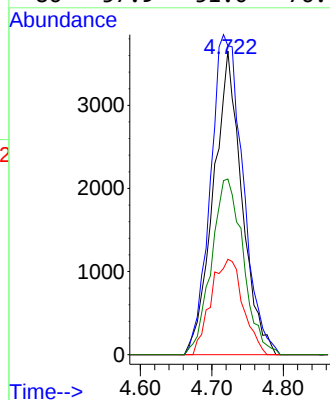
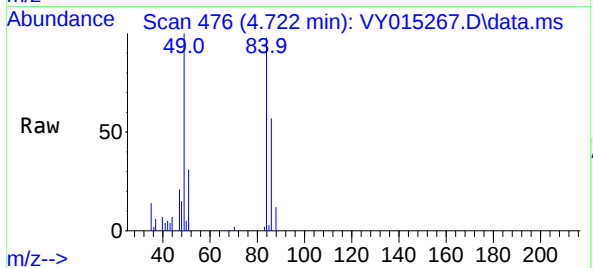




#20
Methylene Chloride
Concen: 4.792 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

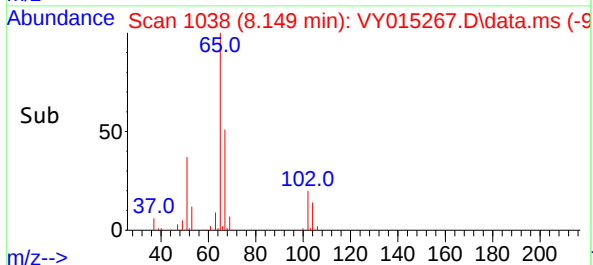
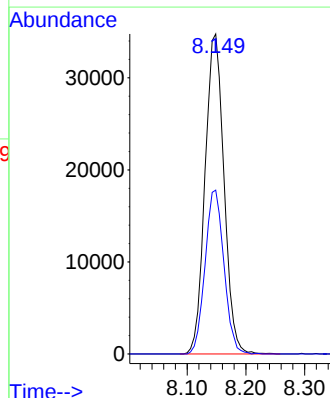
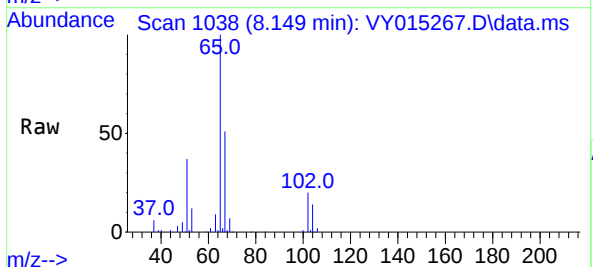
Instrument :
MSVOA_Y
ClientSampleId :
TP-07(1-3)

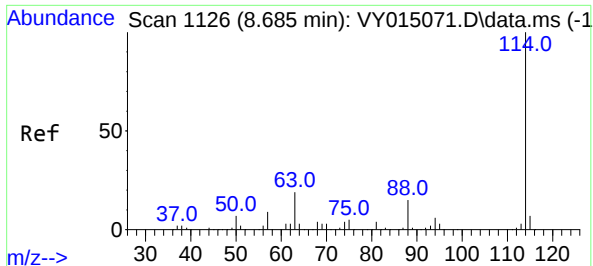
Tgt Ion: 84 Resp: 10129
Ion Ratio Lower Upper
84 100
49 101.8 106.9 160.3#
51 31.4 33.2 49.8#
86 57.9 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 52.356 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

Tgt Ion: 65 Resp: 77834
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8

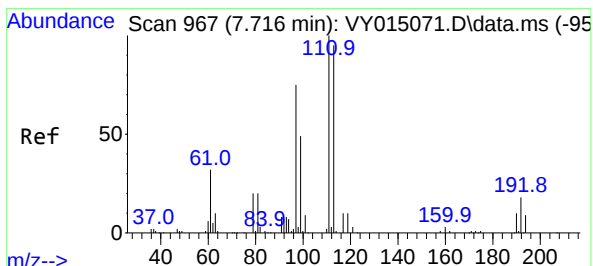
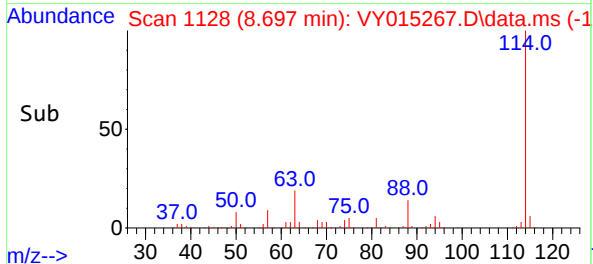
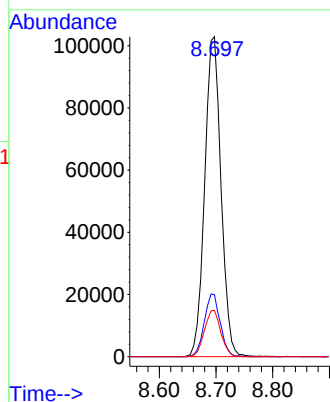
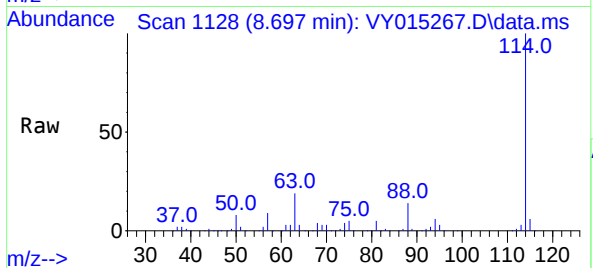




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

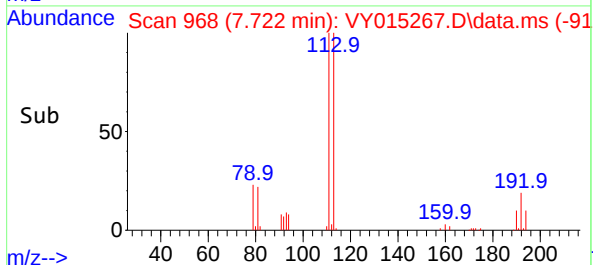
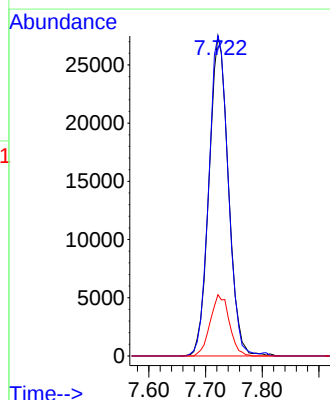
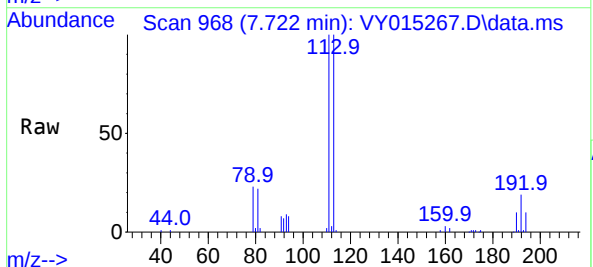
Instrument :
MSVOA_Y
ClientSampleId :
TP-07(1-3)

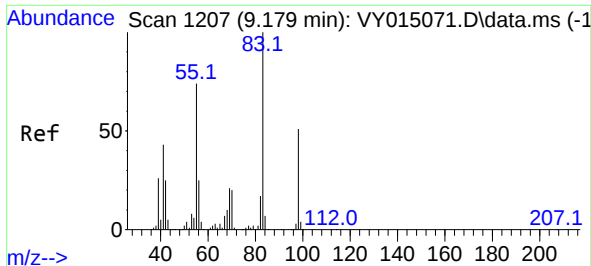
Tgt Ion:114 Resp: 205500
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.189 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

Tgt Ion:113 Resp: 65030
Ion Ratio Lower Upper
113 100
111 100.4 81.3 121.9
192 18.9 16.9 25.3





#39

Methylcyclohexane

Concen: 1.203 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015267.D

Acq: 23 Aug 2023 00:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-07(1-3)

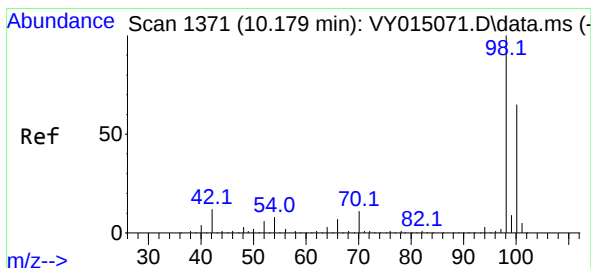
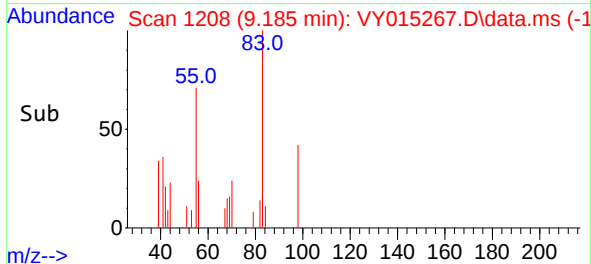
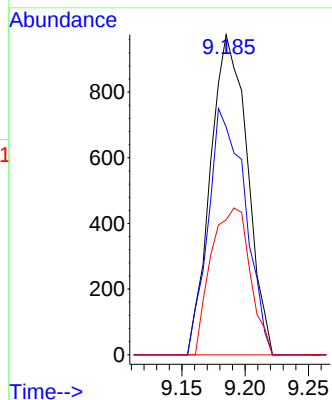
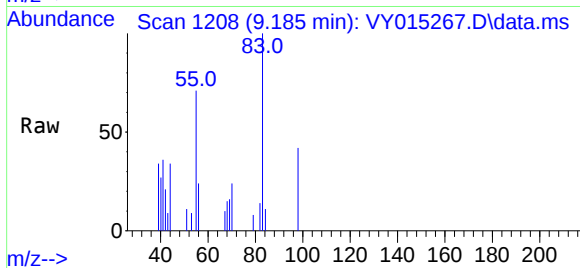
Tgt Ion: 83 Resp: 1973

Ion Ratio Lower Upper

83 100

55 71.2 63.0 94.4

98 42.2 37.4 56.2



#50

Toluene-d8

Concen: 47.986 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015267.D

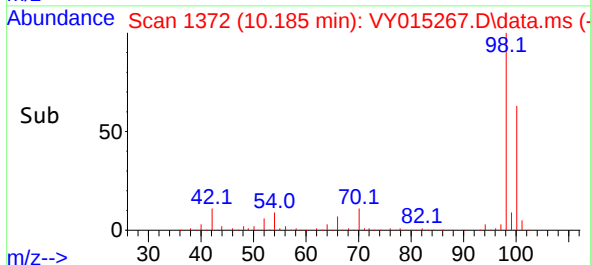
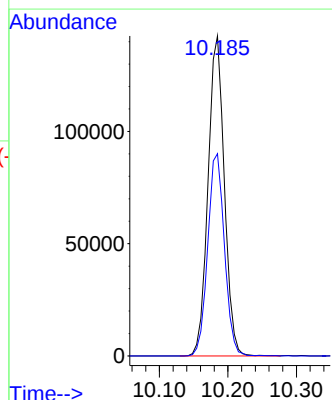
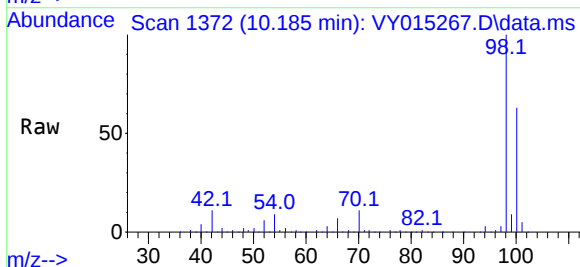
Acq: 23 Aug 2023 00:39

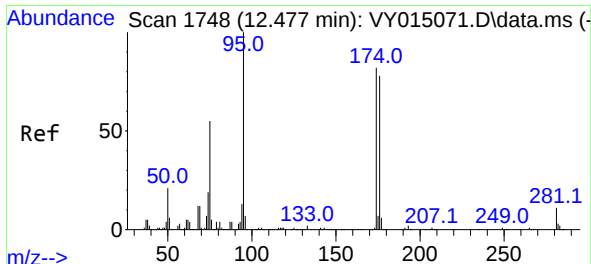
Tgt Ion: 98 Resp: 236158

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

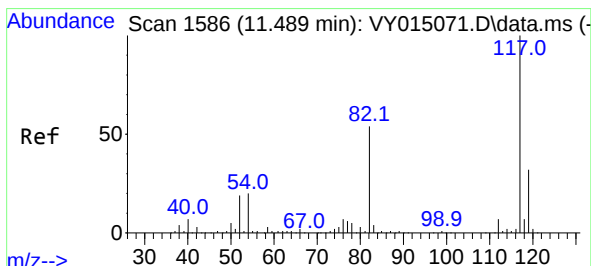
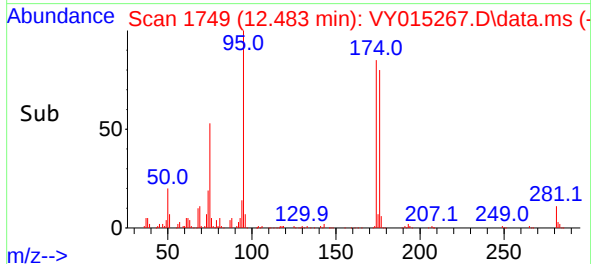
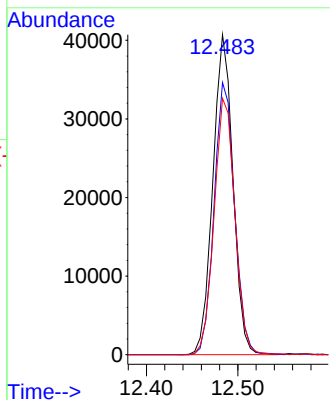
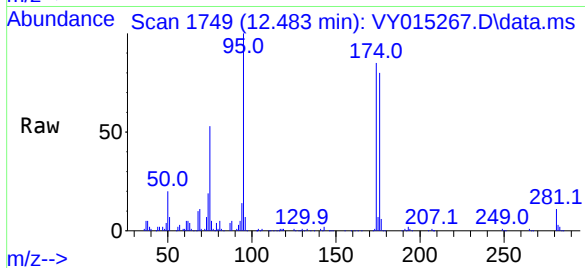




#62
4-Bromofluorobenzene
Concen: 34.611 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

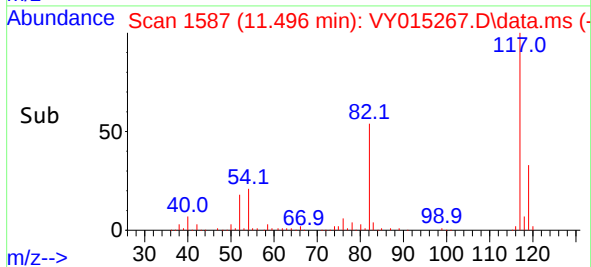
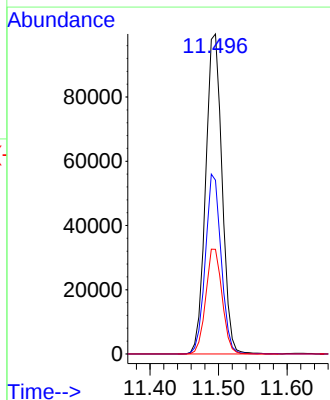
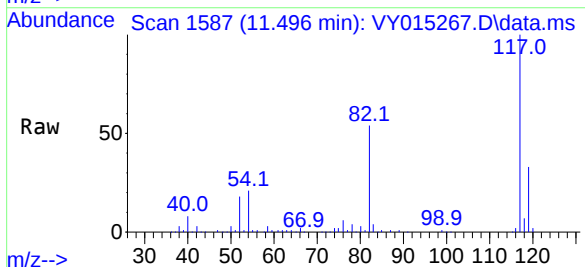
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TP-07(1-3)

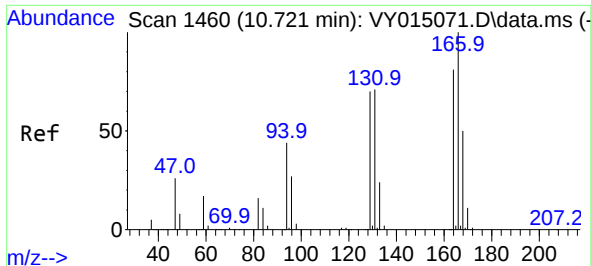
Tgt Ion: 95 Resp: 62214
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

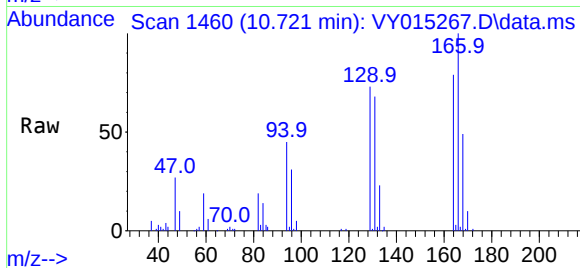
Tgt Ion: 117 Resp: 165724
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.7 26.3 39.5





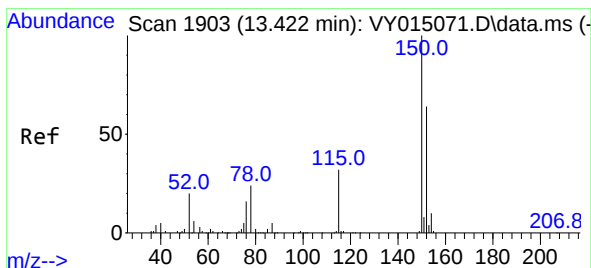
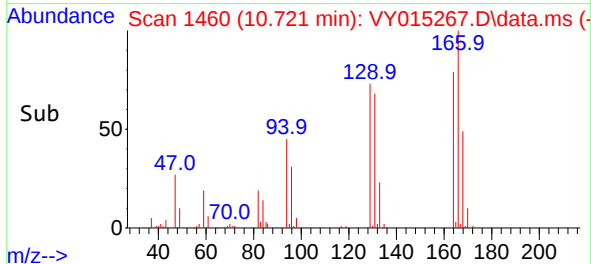
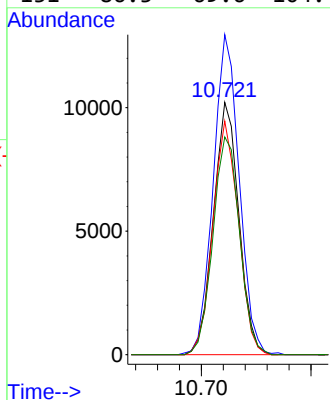
#64
Tetrachloroethene
Concen: 14.305 ug/l
RT: 10.721 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

Instrument :
MSVOA_Y
ClientSampleId :
TP-07(1-3)



Tgt Ion:164 Resp: 16516

Ion	Ratio	Lower	Upper
164	100		
166	126.8	103.0	154.6
129	92.6	77.2	115.8
131	86.3	69.6	104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015267.D
Acq: 23 Aug 2023 00:39

Tgt Ion:152 Resp: 59243

Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.8	86.5
150	158.0	0.0	348.8

