

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015265.D
 Acq On : 22 Aug 2023 23:52
 Operator : SY/MD
 Sample : 04110-02
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-03(2-4)

Quant Time: Aug 23 04:57:54 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)

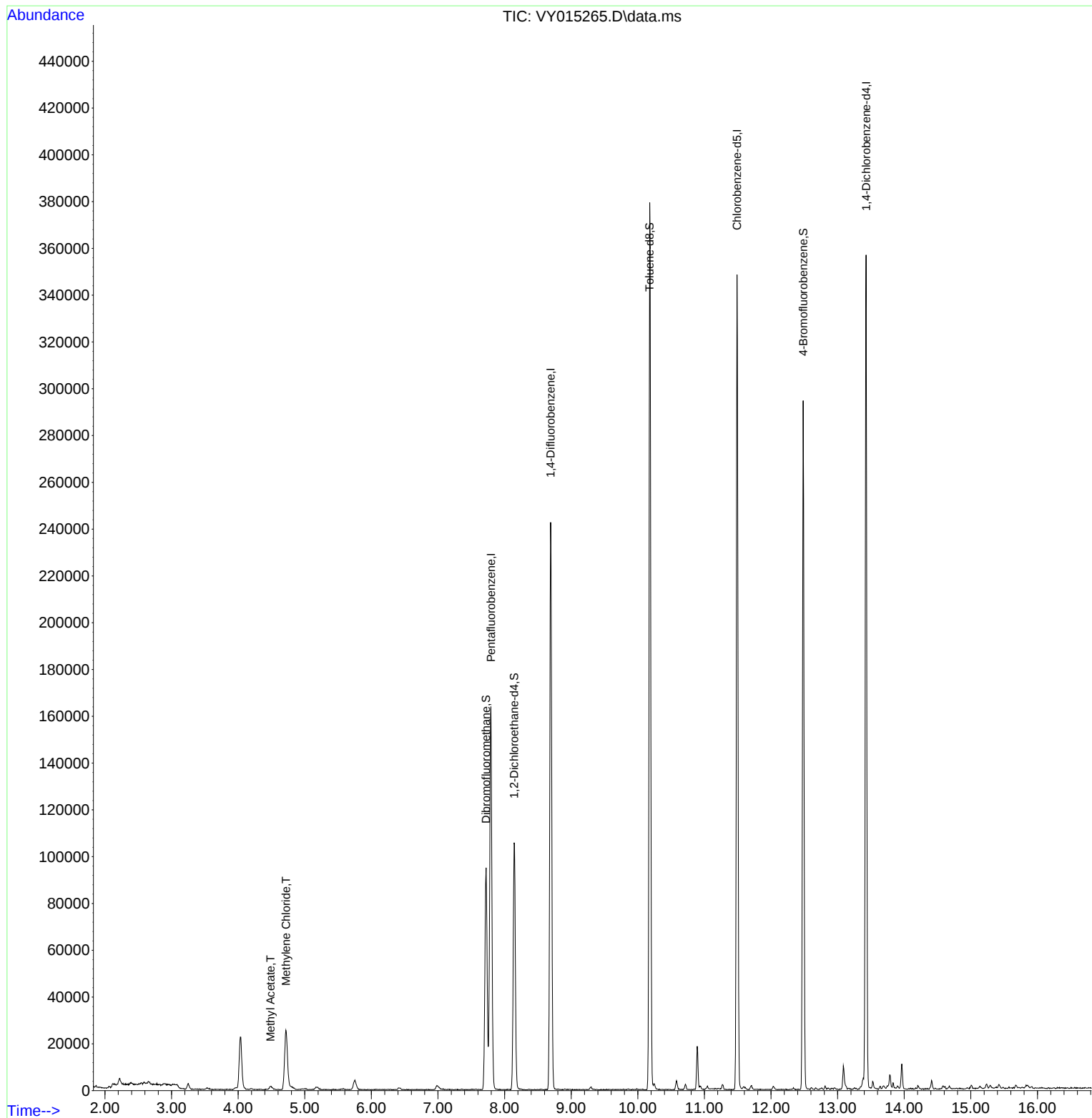
Internal Standards						
1) Pentafluorobenzene	7.795	168	128164	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	211324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83993	54.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.180%	
35) Dibromofluoromethane	7.722	113	66622	49.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.000%	
50) Toluene-d8	10.179	98	247802	48.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.483	95	81430	44.052	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.100%	
Target Compounds						Qvalue
18) Methyl Acetate	4.485	43	2872	1.559	ug/l	91
20) Methylene Chloride	4.716	84	18943	12.477	ug/l #	90

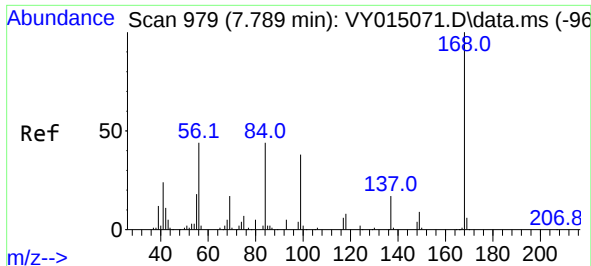
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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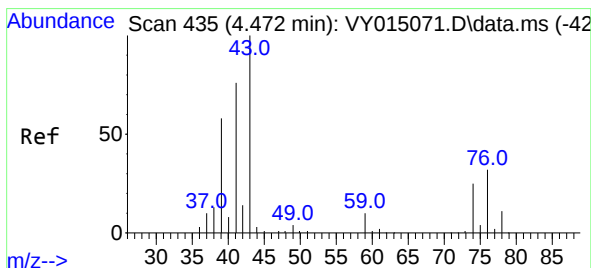
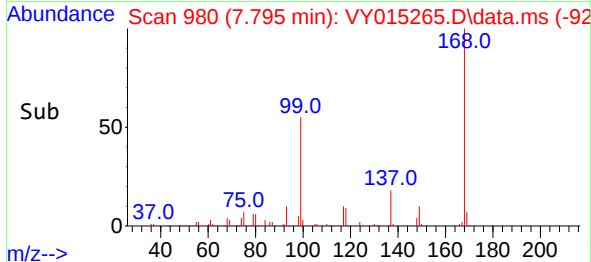
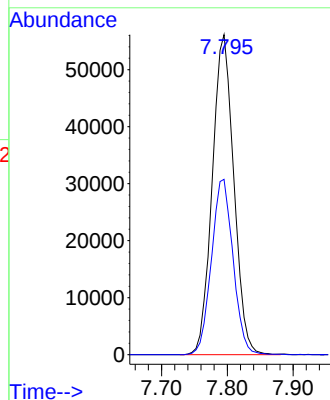
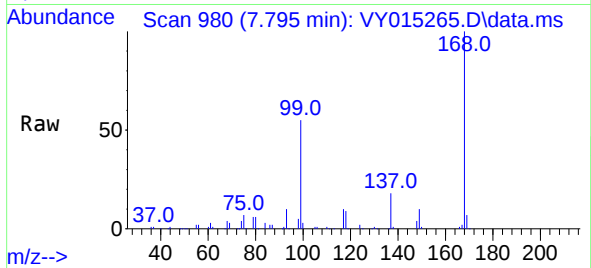




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015265.D
Acq: 22 Aug 2023 23:52

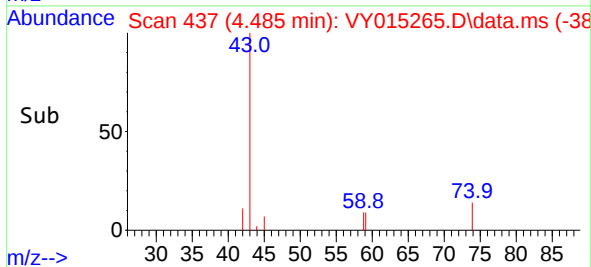
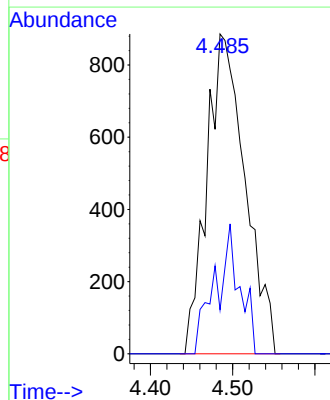
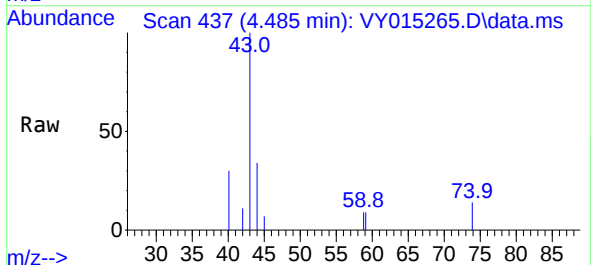
Instrument :
MSVOA_Y
ClientSampleId :
TP-03(2-4)

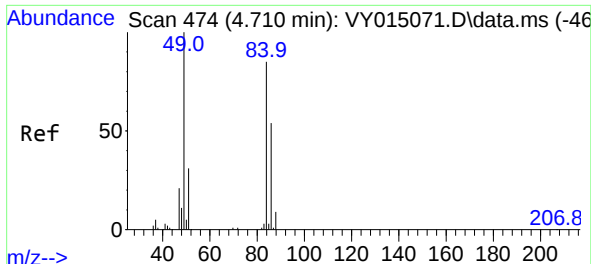
Tgt Ion:168 Resp: 128164
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#18
Methyl Acetate
Concen: 1.559 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY015265.D
Acq: 22 Aug 2023 23:52

Tgt Ion: 43 Resp: 2872
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0

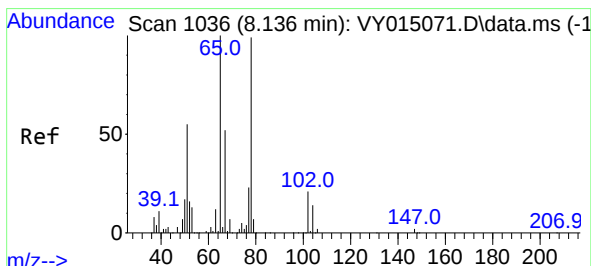
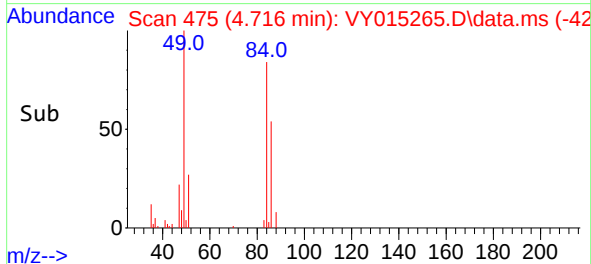
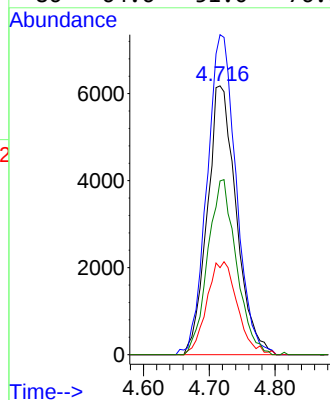
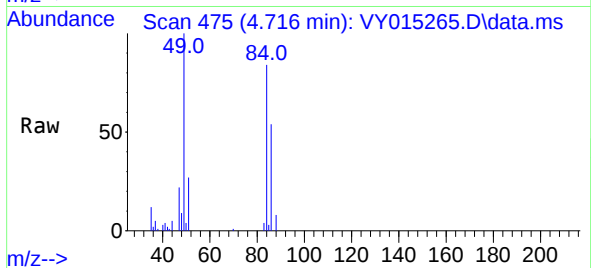




#20
Methylene Chloride
Concen: 12.477 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015265.D
Acq: 22 Aug 2023 23:52

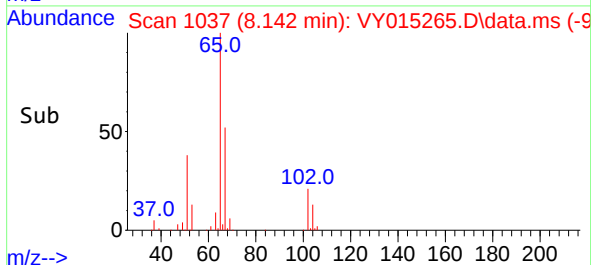
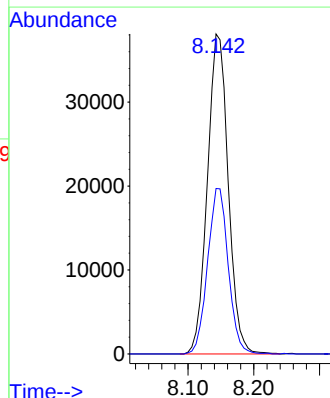
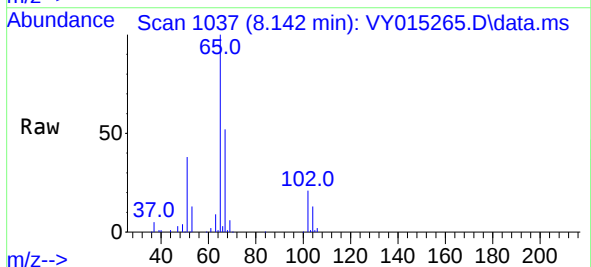
Instrument :
MSVOA_Y
ClientSampleId :
TP-03(2-4)

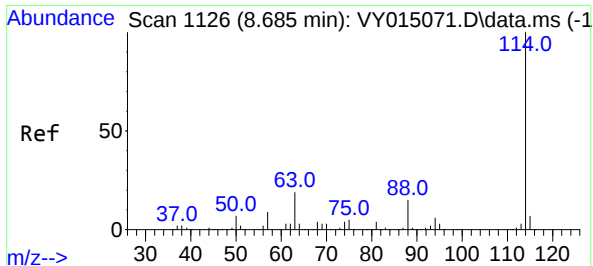
Tgt Ion: 84 Resp: 18943
Ion Ratio Lower Upper
84 100
49 119.0 106.9 160.3
51 32.4 33.2 49.8#
86 64.6 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 54.594 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015265.D
Acq: 22 Aug 2023 23:52

Tgt Ion: 65 Resp: 83993
Ion Ratio Lower Upper
65 100
67 51.3 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: VY015265.D

Acq: 22 Aug 2023 23:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-03(2-4)

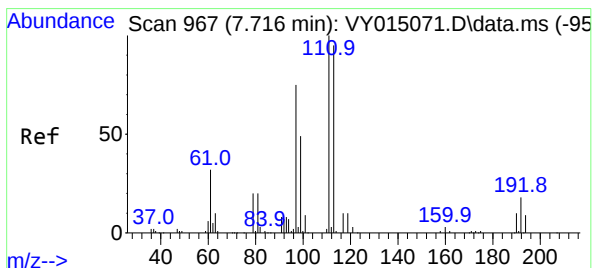
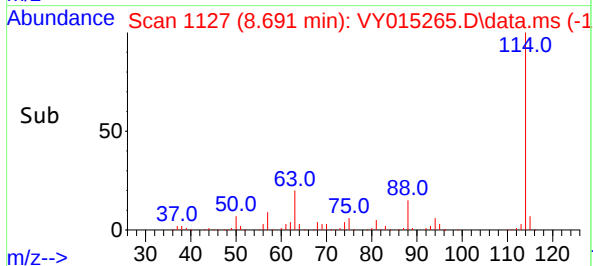
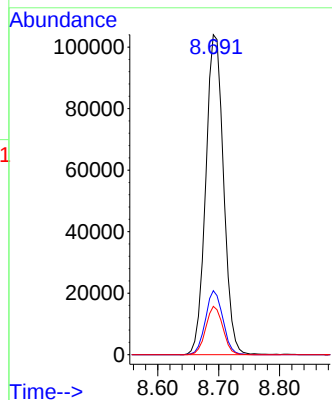
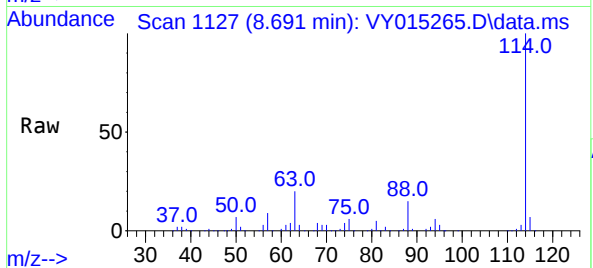
Tgt Ion:114 Resp: 211324

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.004 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015265.D

Acq: 22 Aug 2023 23:52

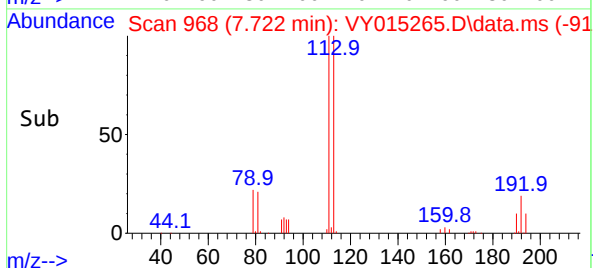
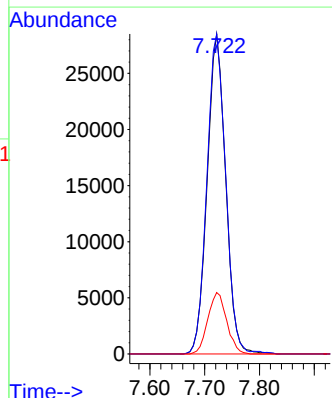
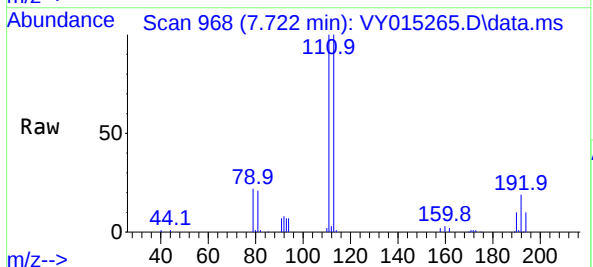
Tgt Ion:113 Resp: 66622

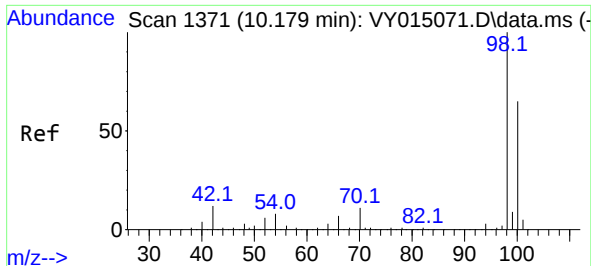
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.6 16.9 25.3

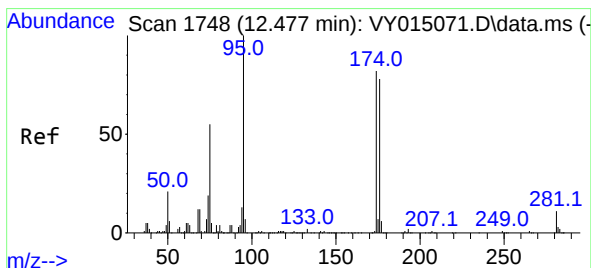
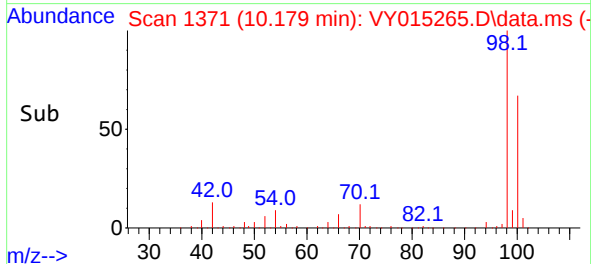
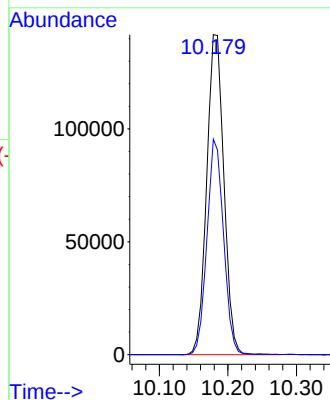
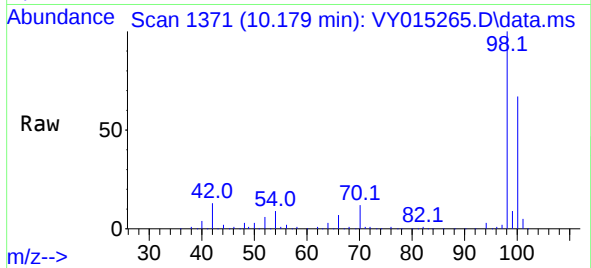




#50
Toluene-d8
Concen: 48.964 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015265.D
Acq: 22 Aug 2023 23:52

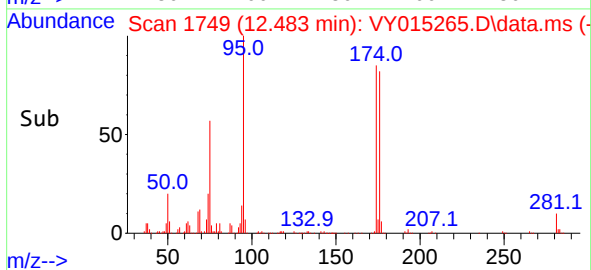
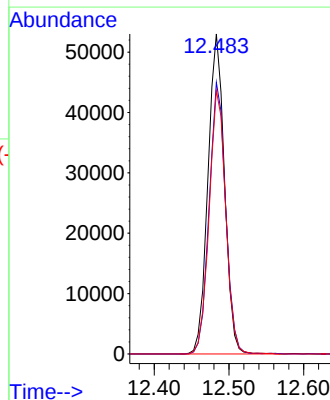
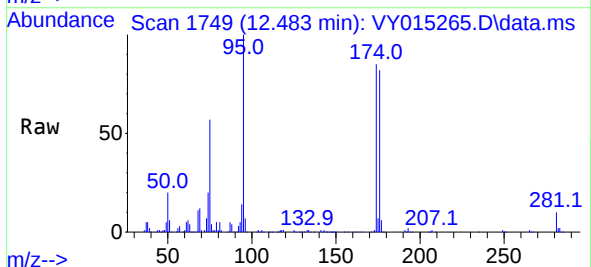
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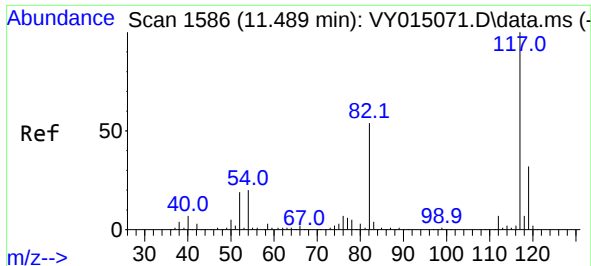
Tgt Ion: 98 Resp: 247802
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015265.D
Acq: 22 Aug 2023 23:52

Tgt Ion: 95 Resp: 81430
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 82.5 0.0 173.8

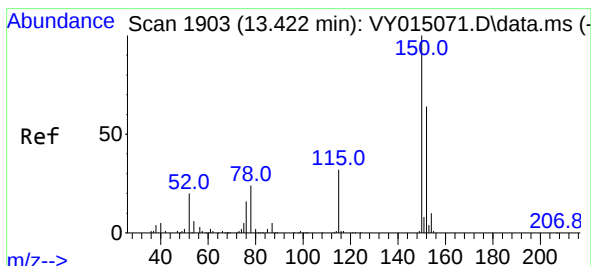
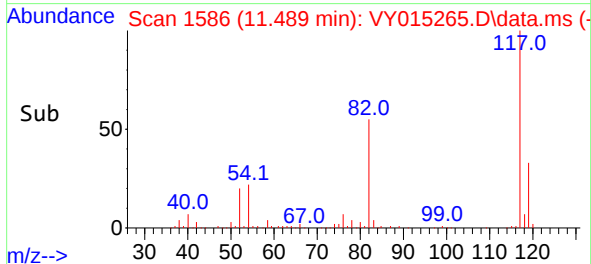
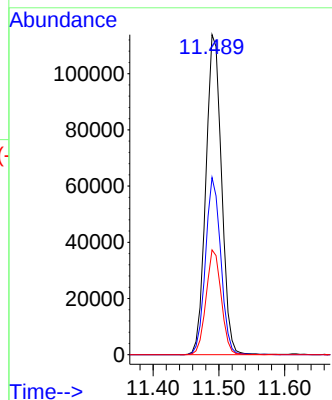
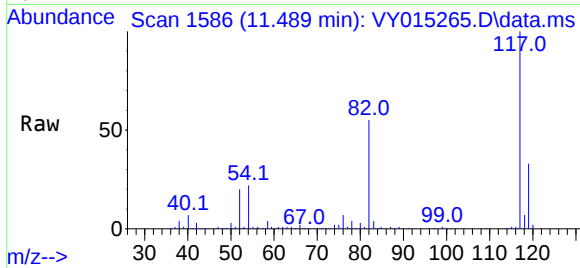




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015265.D
Acq: 22 Aug 2023 23:52

Instrument :
MSVOA_Y
ClientSampleId :
TP-03(2-4)

Tgt Ion:117 Resp: 189306
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 32.8 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: VY015265.D
Acq: 22 Aug 2023 23:52

Tgt Ion:152 Resp: 90375
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.0 0.0 348.8

