

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015258.D
 Acq On : 22 Aug 2023 20:35
 Operator : SY/MD
 Sample : 04109-06
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-06(4-5)

Quant Time: Aug 23 02:47:34 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)

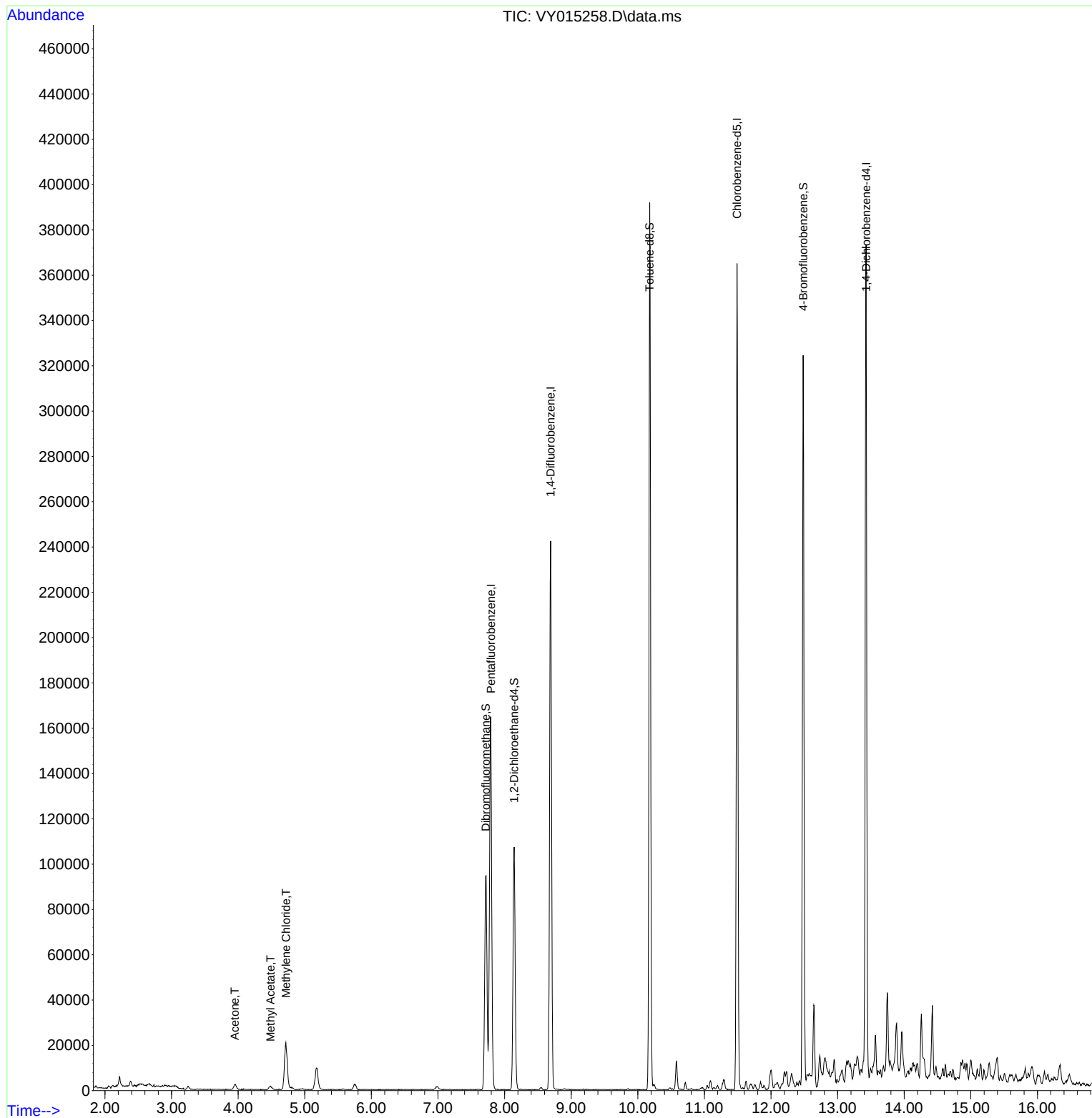
Internal Standards						
1) Pentafluorobenzene	7.795	168	127457	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	211206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84944	55.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.040%
35) Dibromofluoromethane	7.715	113	66196	48.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.440%
50) Toluene-d8	10.178	98	250900	49.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.483	95	84672	45.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.660%
Target Compounds						Qvalue
16) Acetone	3.948	43	4484	8.971	ug/l	96
18) Methyl Acetate	4.484	43	3079	1.681	ug/l	98
20) Methylene Chloride	4.716	84	15564	9.487	ug/l	97

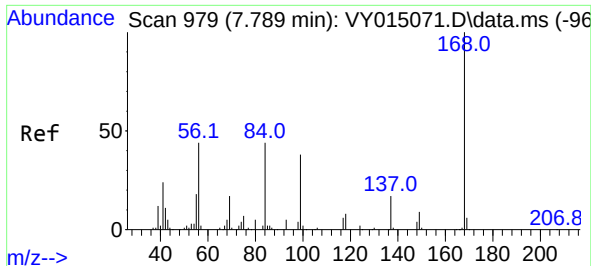
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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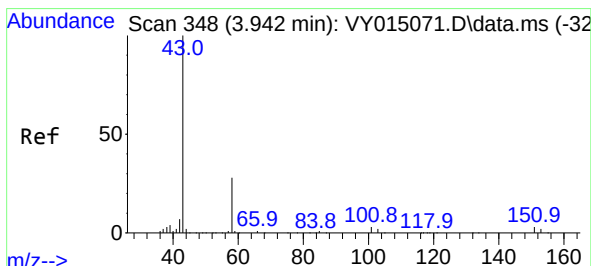
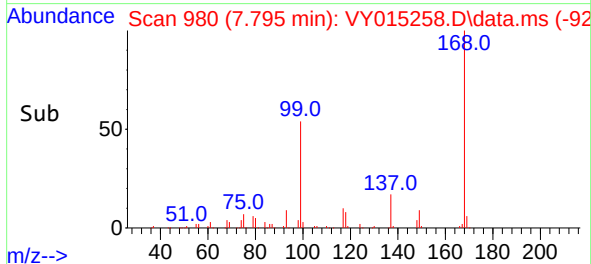
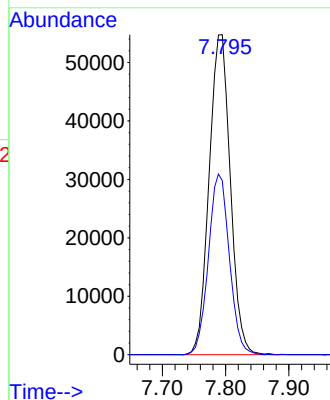
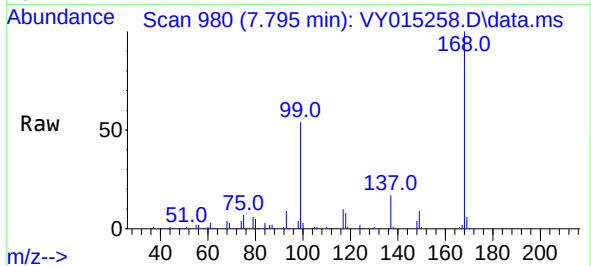




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015258.D
Acq: 22 Aug 2023 20:35

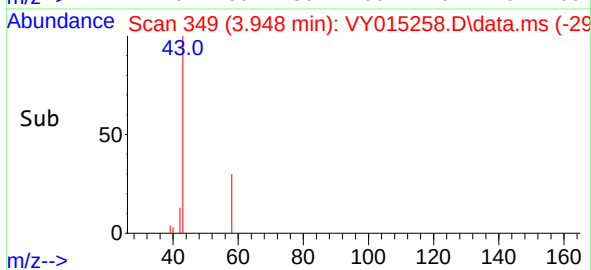
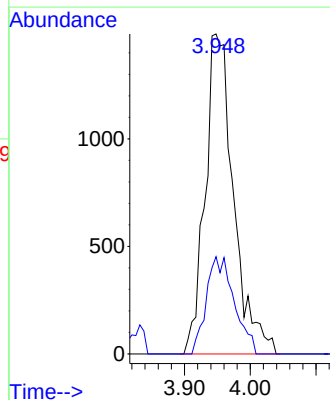
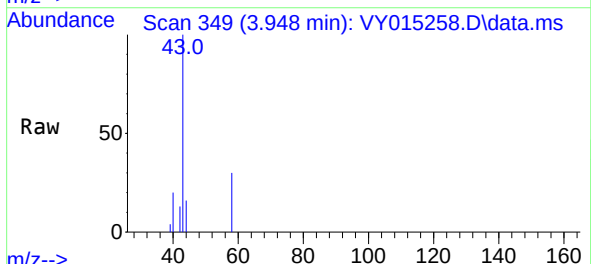
Instrument :
MSVOA_Y
ClientSampleId :
TP-06(4-5)

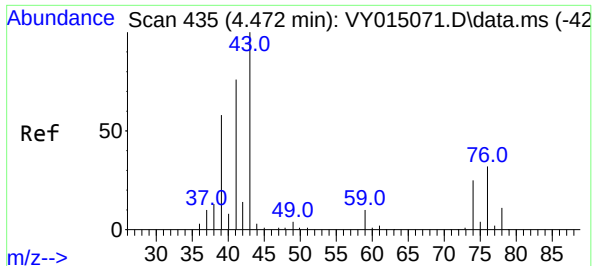
Tgt Ion:168 Resp: 127457
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#16
Acetone
Concen: 8.971 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015258.D
Acq: 22 Aug 2023 20:35

Tgt Ion: 43 Resp: 4484
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1





#18

Methyl Acetate

Concen: 1.681 ug/l

RT: 4.484 min Scan# 41

Delta R.T. 0.018 min

Lab File: VY015258.D

Acq: 22 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

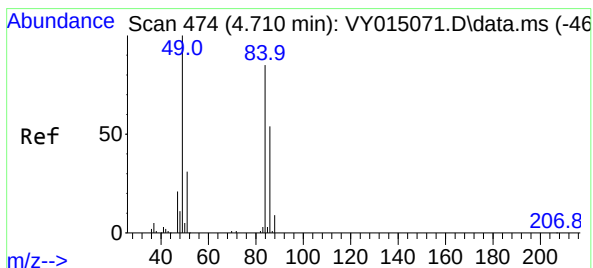
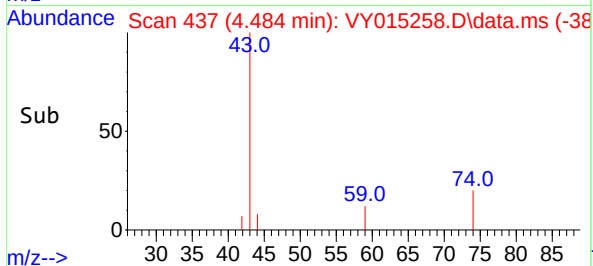
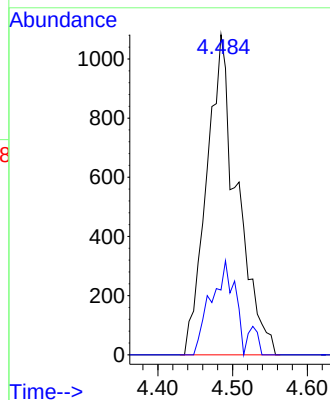
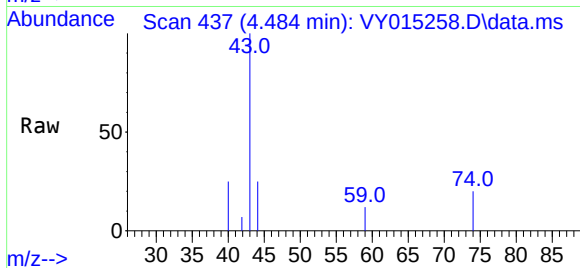
TP-06(4-5)

Tgt Ion: 43 Resp: 3079

Ion Ratio Lower Upper

43 100

74 22.8 17.4 26.0



#20

Methylene Chloride

Concen: 9.487 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY015258.D

Acq: 22 Aug 2023 20:35

Tgt Ion: 84 Resp: 15564

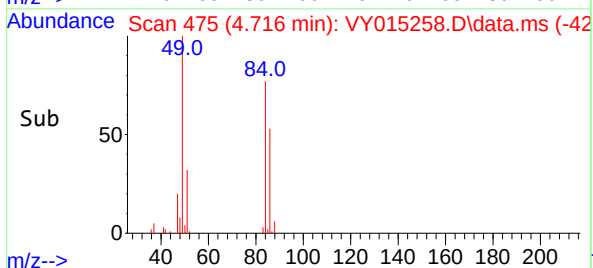
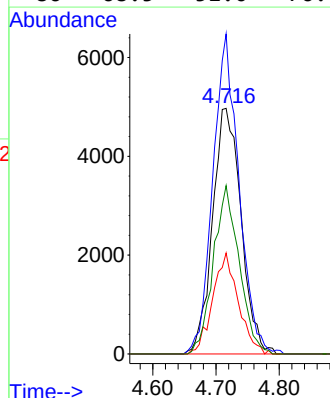
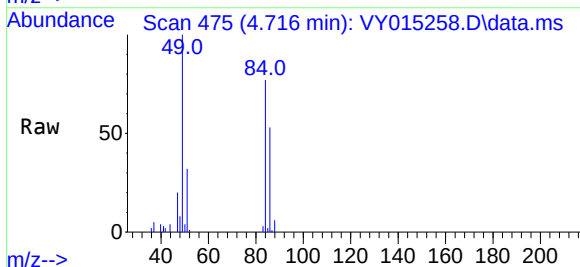
Ion Ratio Lower Upper

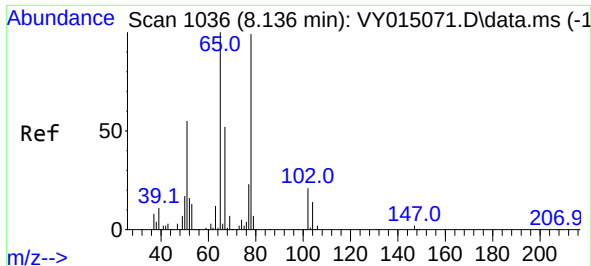
84 100

49 130.3 106.9 160.3

51 41.1 33.2 49.8

86 68.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.519 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015258.D

Acq: 22 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

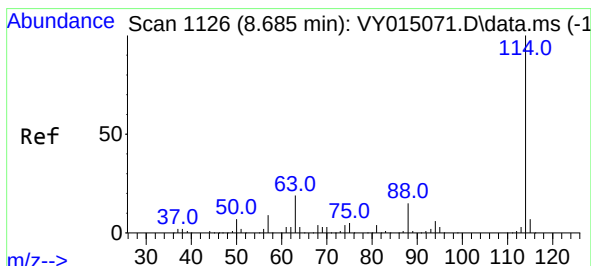
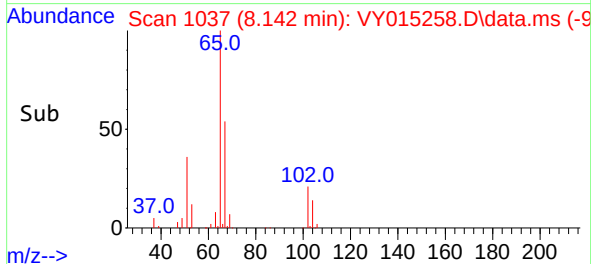
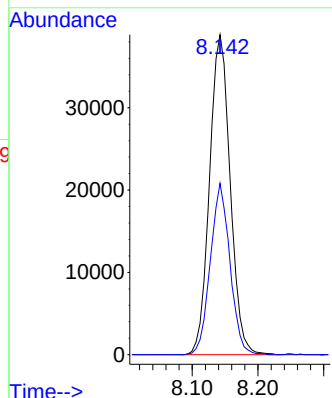
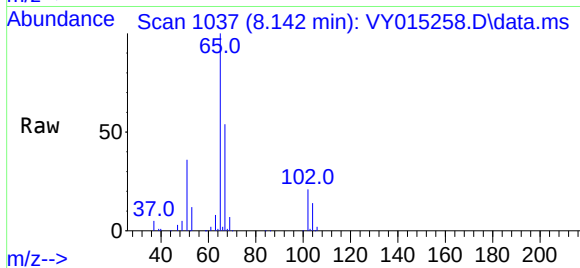
TP-06(4-5)

Tgt Ion: 65 Resp: 84944

Ion Ratio Lower Upper

65 100

67 50.8 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: VY015258.D

Acq: 22 Aug 2023 20:35

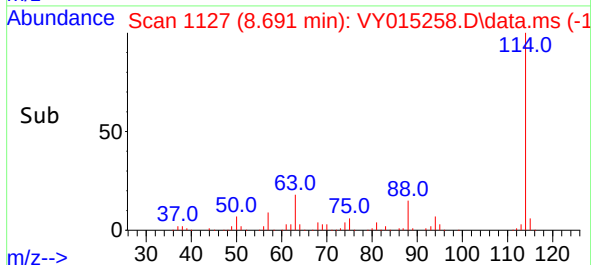
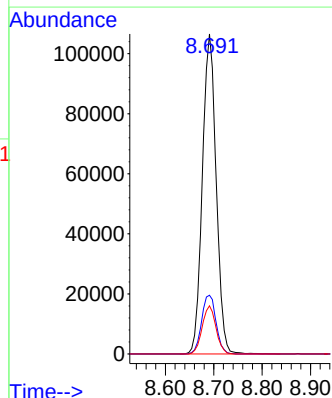
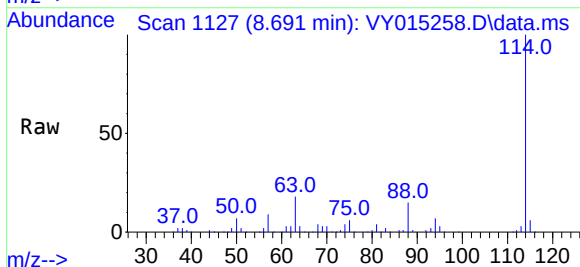
Tgt Ion: 114 Resp: 211206

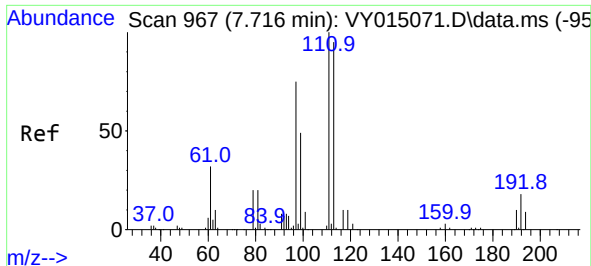
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.1 0.0 30.6

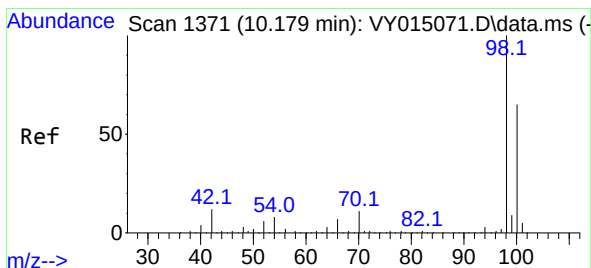
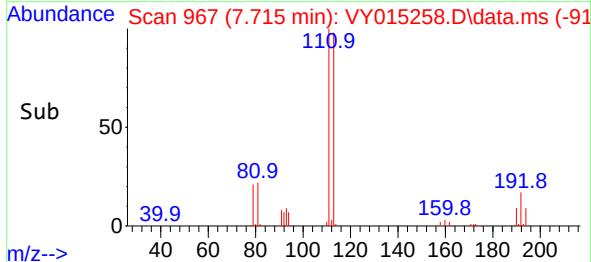
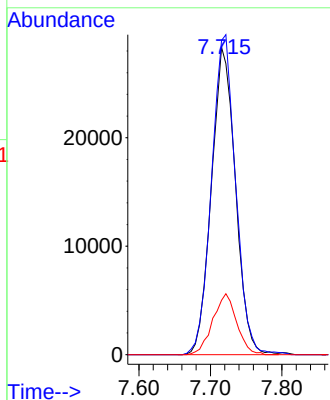
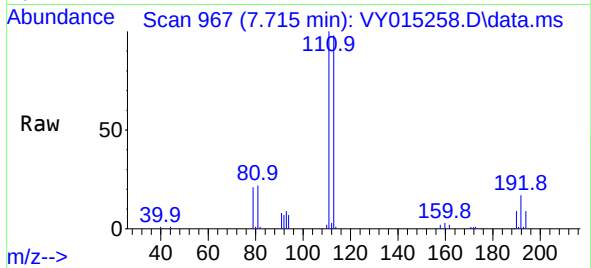




#35
Dibromofluoromethane
Concen: 48.718 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015258.D
Acq: 22 Aug 2023 20:35

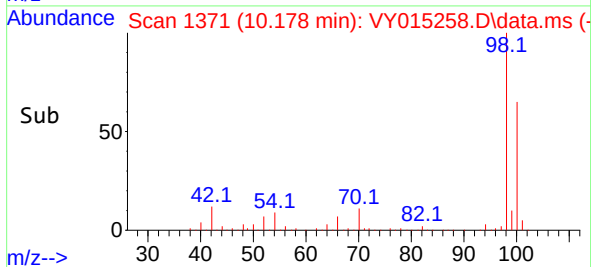
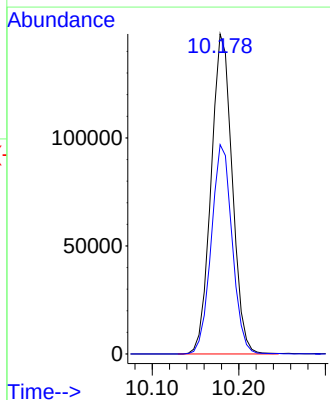
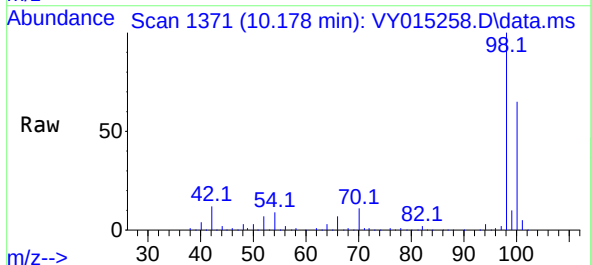
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TP-06(4-5)

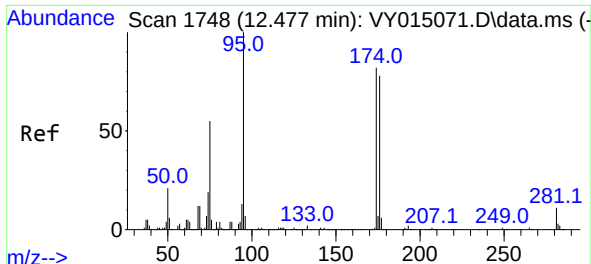
Tgt Ion:113 Resp: 66196
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 49.604 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015258.D
Acq: 22 Aug 2023 20:35

Tgt Ion: 98 Resp: 250900
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

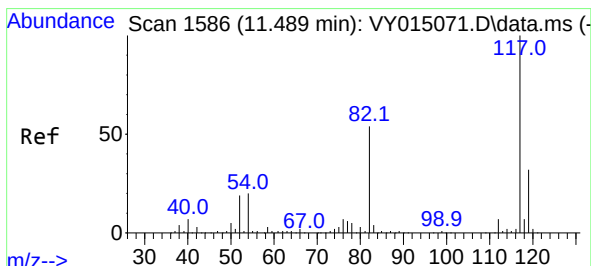
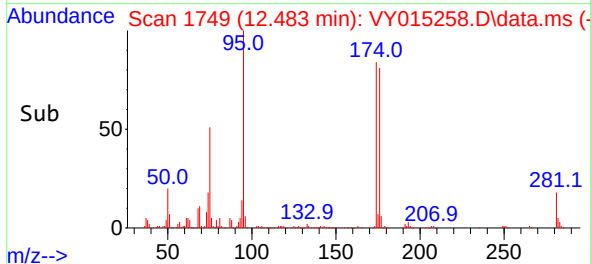
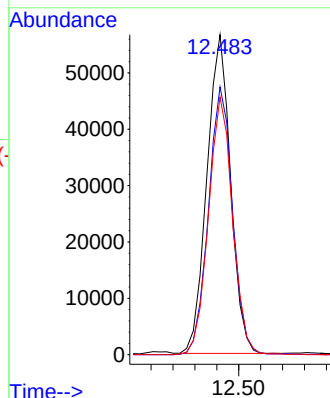
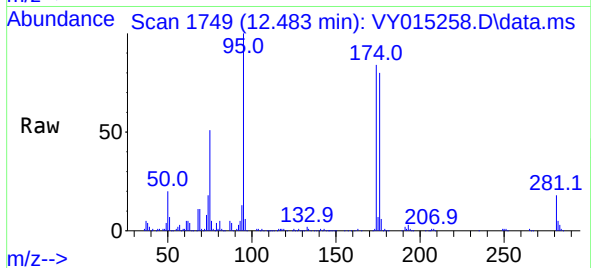




#62
4-Bromofluorobenzene
Concen: 45.832 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015258.D
Acq: 22 Aug 2023 20:35

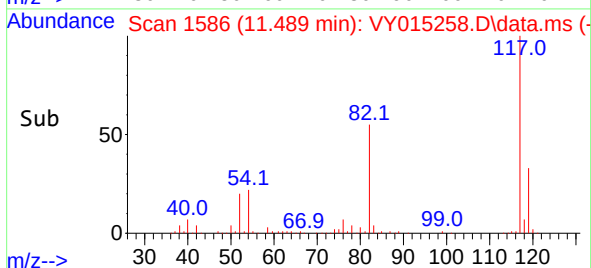
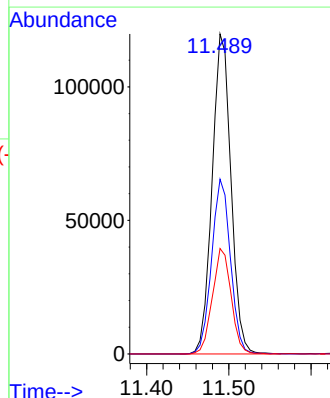
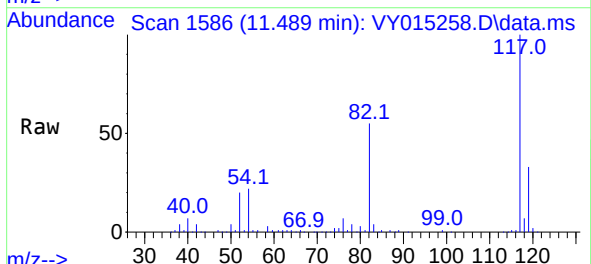
Instrument :
MSVOA_Y
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TP-06(4-5)

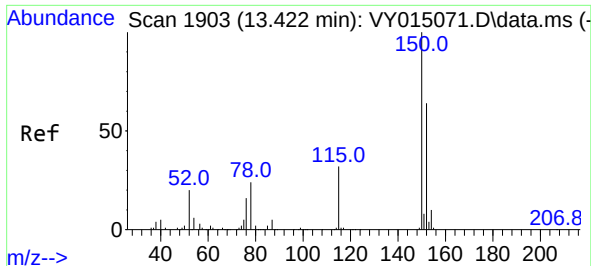
Tgt Ion: 95 Resp: 84672
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015258.D
Acq: 22 Aug 2023 20:35

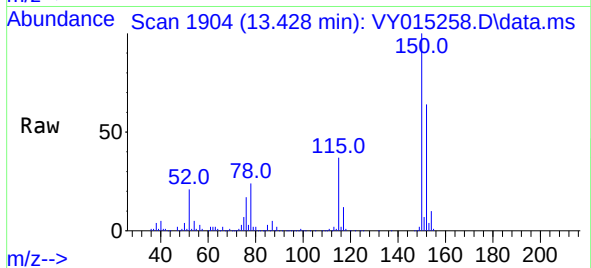
Tgt Ion: 117 Resp: 190617
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.9 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015258.D
Acq: 22 Aug 2023 20:35

Instrument :
MSVOA_Y
ClientSampleId :
TP-06(4-5)



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.5
150	154.5	0.0	348.8

