

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015957.D
 Acq On : 13 Oct 2023 15:07
 Operator : SY/MD
 Sample : 04844-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-603-COMP-06

Quant Time: Oct 13 16:08:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

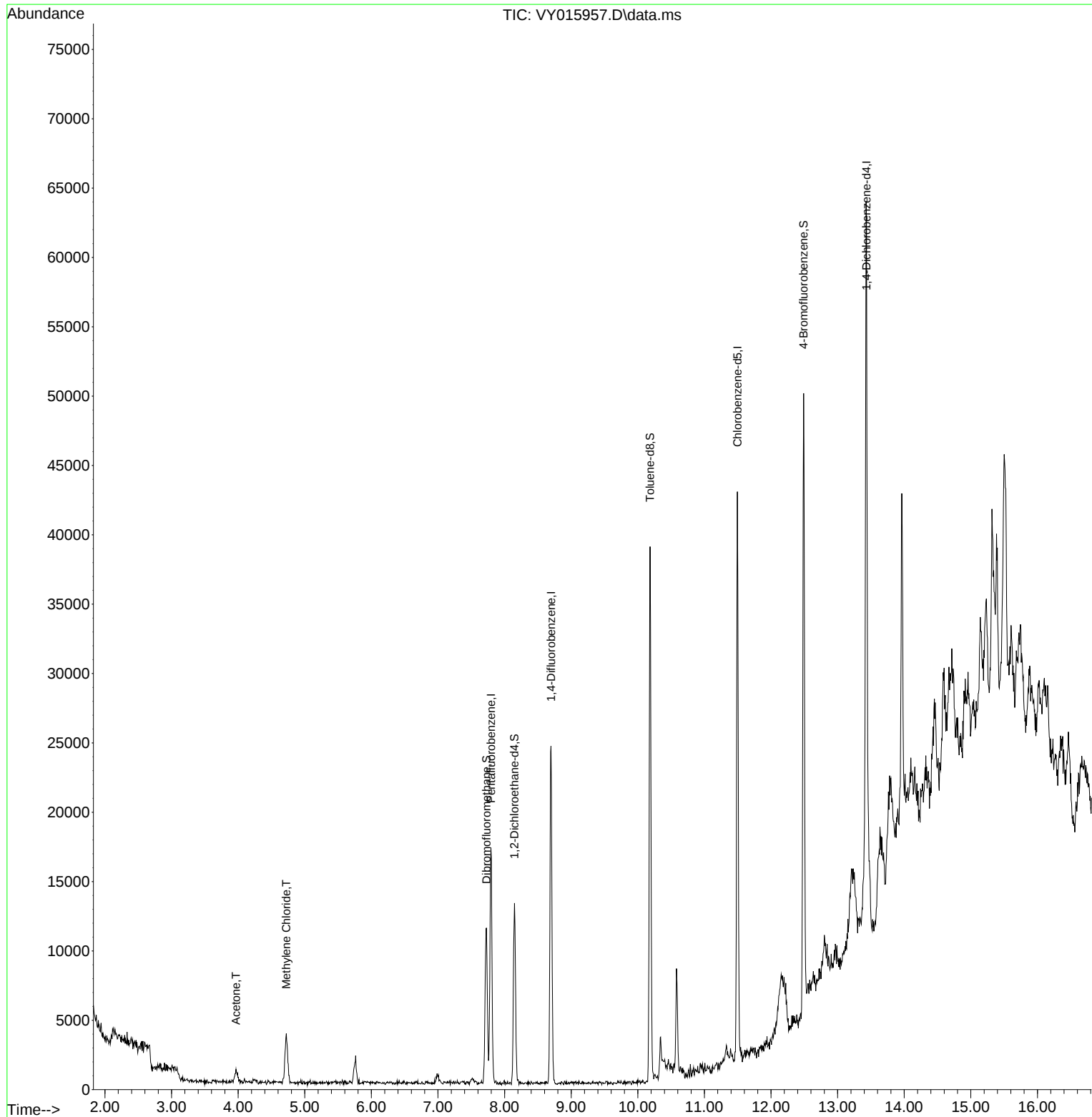
Internal Standards						
1) Pentafluorobenzene	7.795	168	13229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	22385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	23211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	11846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10715	70.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.940%	
35) Dibromofluoromethane	7.728	113	8367	59.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.740%	
50) Toluene-d8	10.185	98	26156	49.561	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.489	95	10459	55.655	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.320%	
Target Compounds						Qvalue
16) Acetone	3.966	43	1613	18.392	ug/l #	47
20) Methylene Chloride	4.722	84	2631	12.606	ug/l #	78

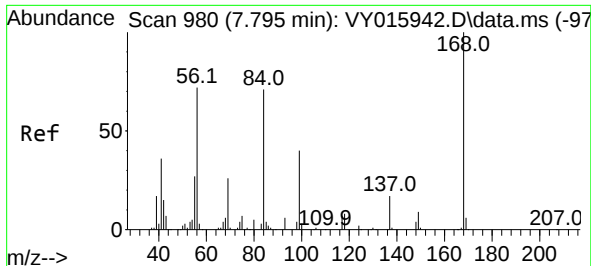
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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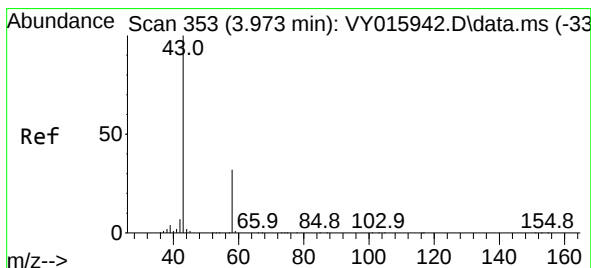
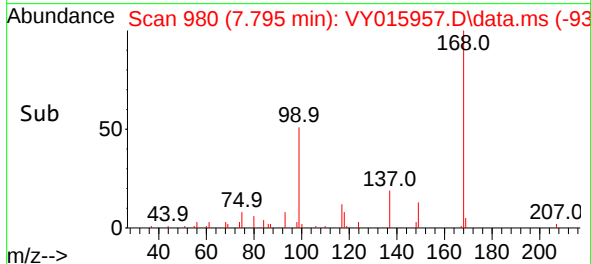
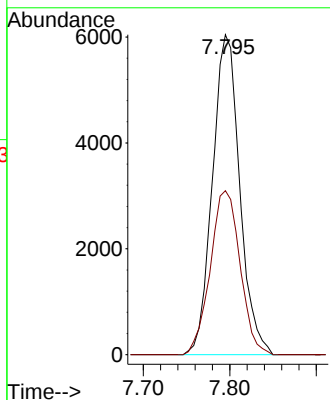
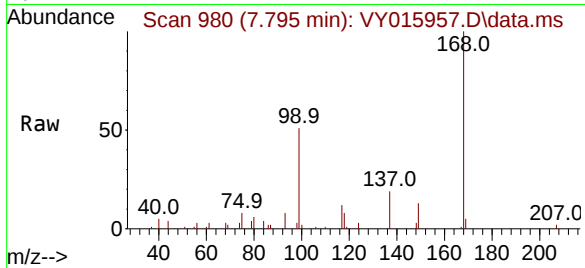




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

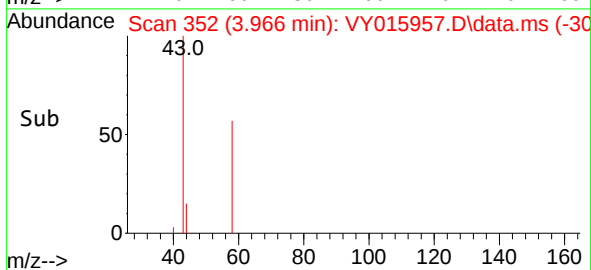
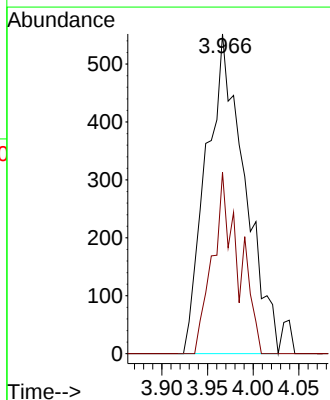
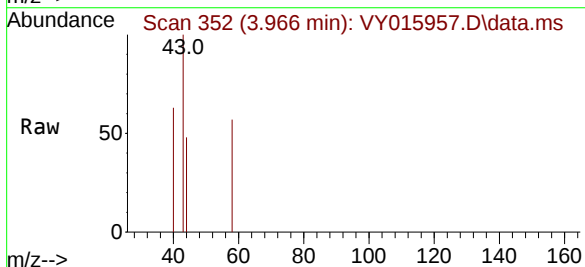
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-06

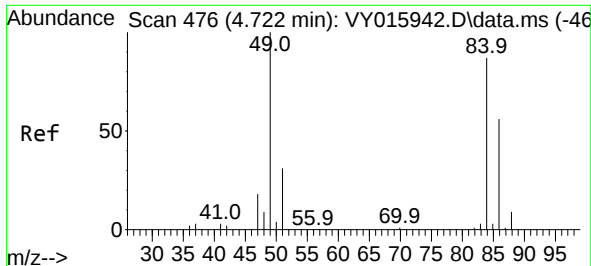
Tgt Ion:168 Resp: 13229
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#16
Acetone
Concen: 18.392 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 56.7 22.7 34.1#





#20

Methylene Chloride

Concen: 12.606 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015957.D

Acq: 13 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

OR-603-COMP-06

Tgt Ion: 84 Resp: 2631

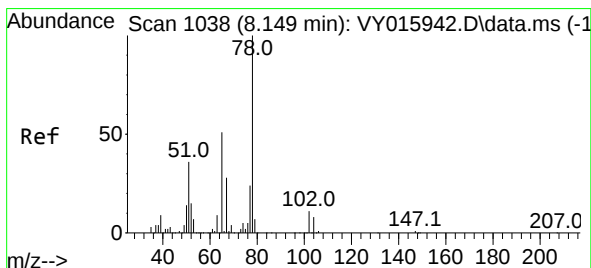
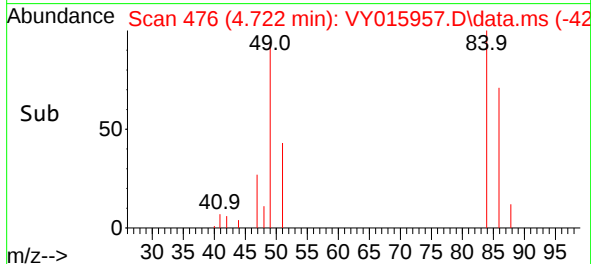
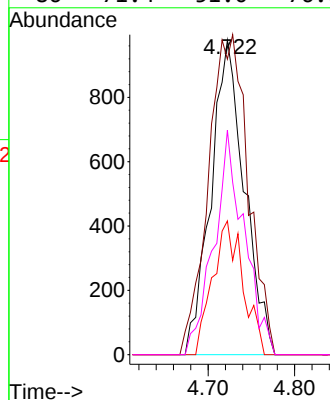
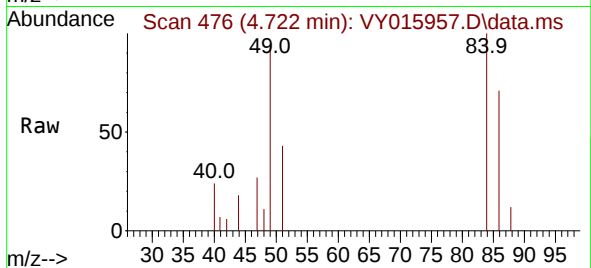
Ion Ratio Lower Upper

84 100

49 94.0 106.9 160.3#

51 42.5 33.2 49.8

86 71.4 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 70.970 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY015957.D

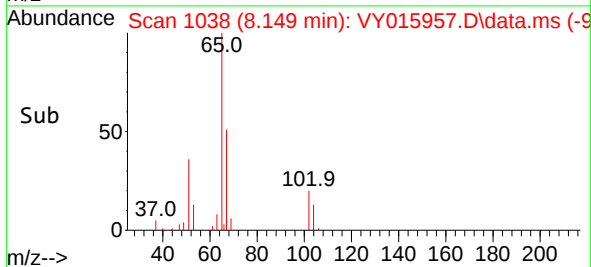
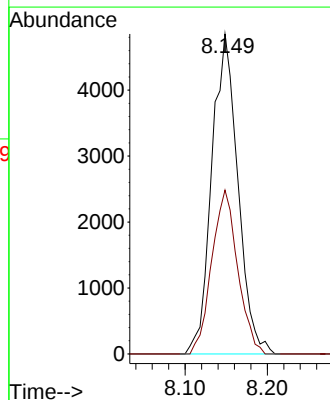
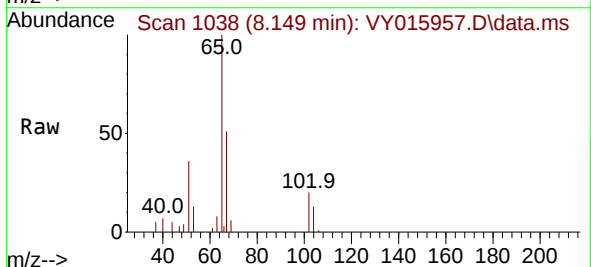
Acq: 13 Oct 2023 15:07

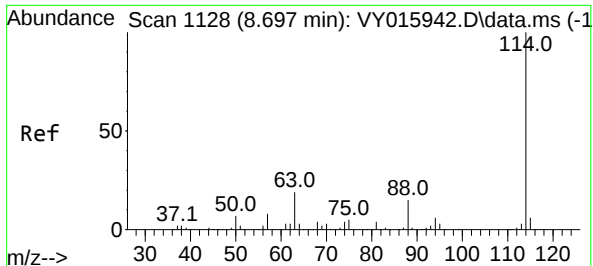
Tgt Ion: 65 Resp: 10715

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY015957.D

Acq: 13 Oct 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

OR-603-COMP-06

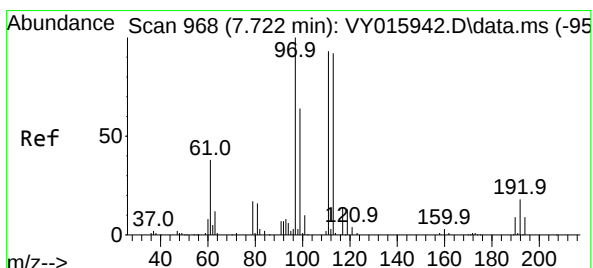
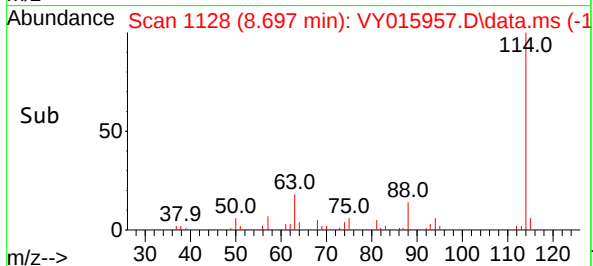
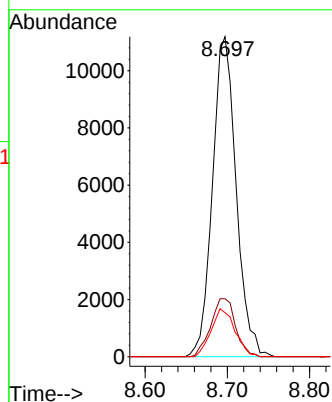
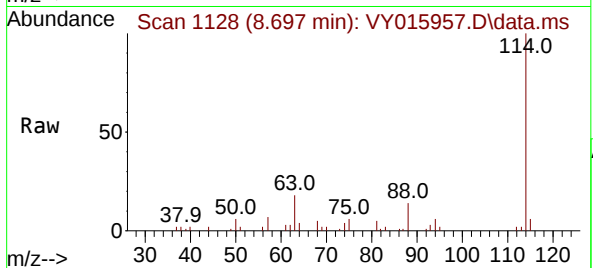
Tgt Ion:114 Resp: 22385

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 13.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.372 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015957.D

Acq: 13 Oct 2023 15:07

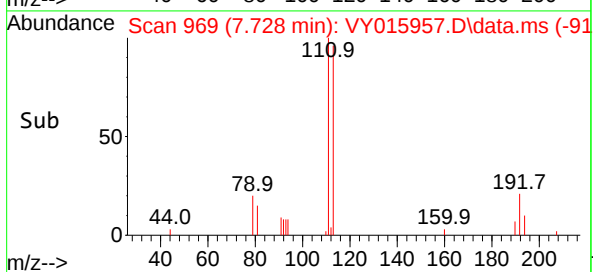
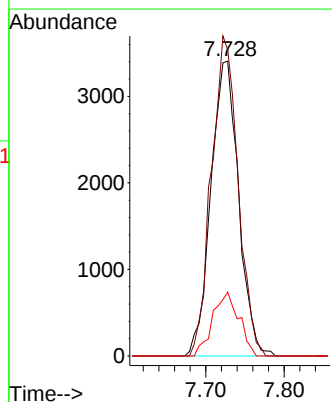
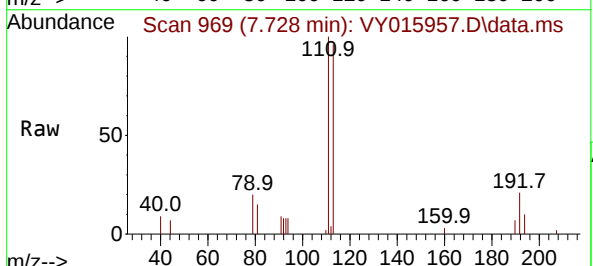
Tgt Ion:113 Resp: 8367

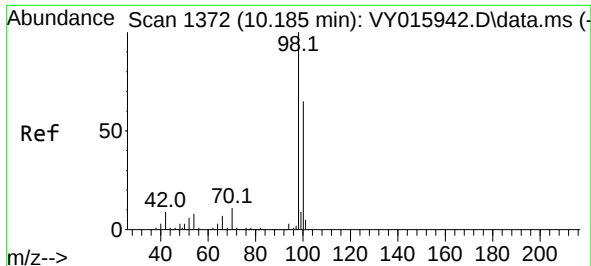
Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 20.5 16.9 25.3

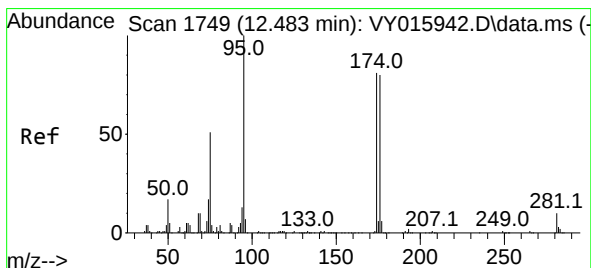
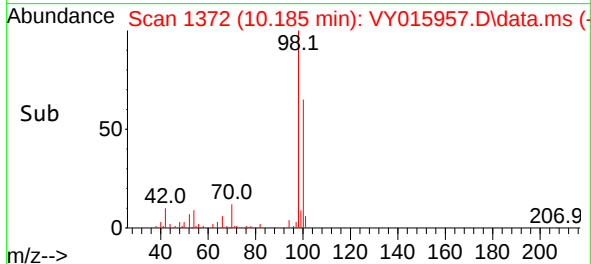
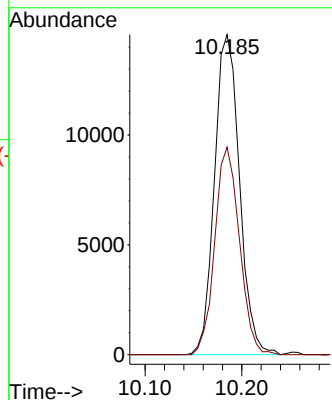
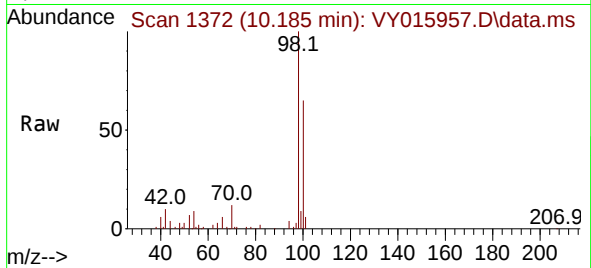




#50
Toluene-d8
Concen: 49.561 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

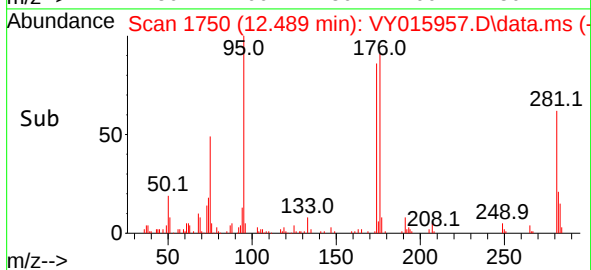
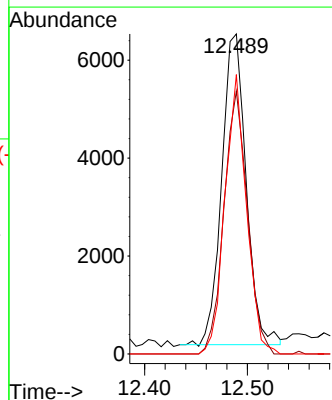
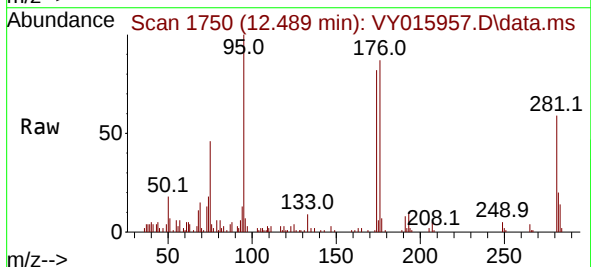
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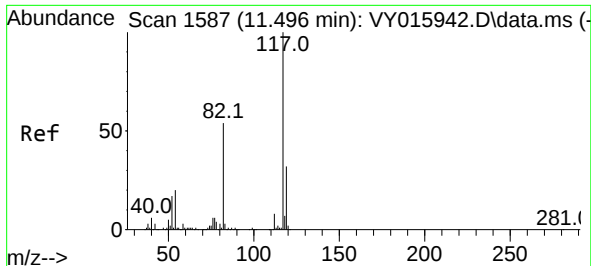
Tgt Ion: 98 Resp: 26156
Ion Ratio Lower Upper
98 100
100 63.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.655 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Tgt Ion: 95 Resp: 10459
Ion Ratio Lower Upper
95 100
174 81.8 0.0 178.2
176 79.6 0.0 173.8

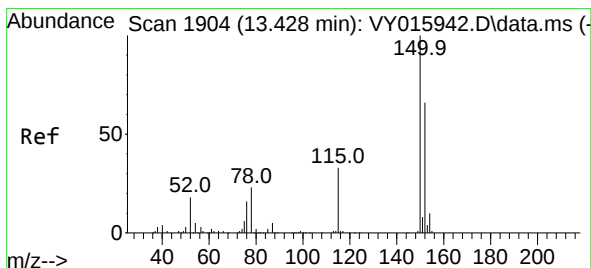
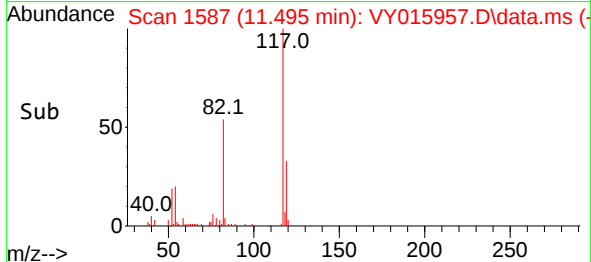
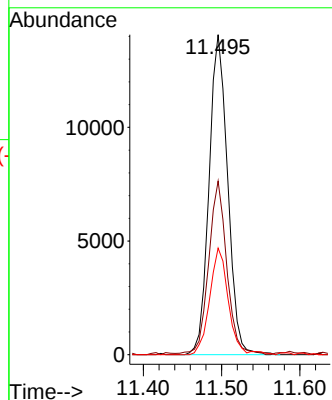
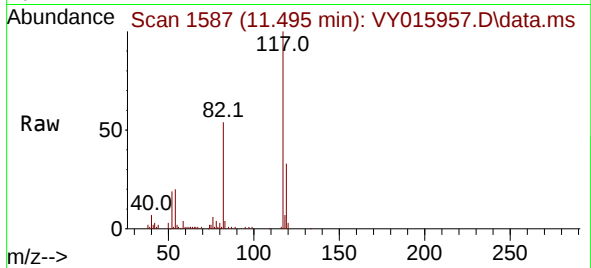




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-06

Tgt Ion:	117	Resp:	23211
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.0
119	33.3	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015957.D
Acq: 13 Oct 2023 15:07

Tgt Ion:	152	Resp:	11846
Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.8	86.5
150	151.0	0.0	348.8

