

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015956.D
 Acq On : 13 Oct 2023 14:44
 Operator : SY/MD
 Sample : 04844-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-603-COMP-05

Quant Time: Oct 13 16:07:57 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)

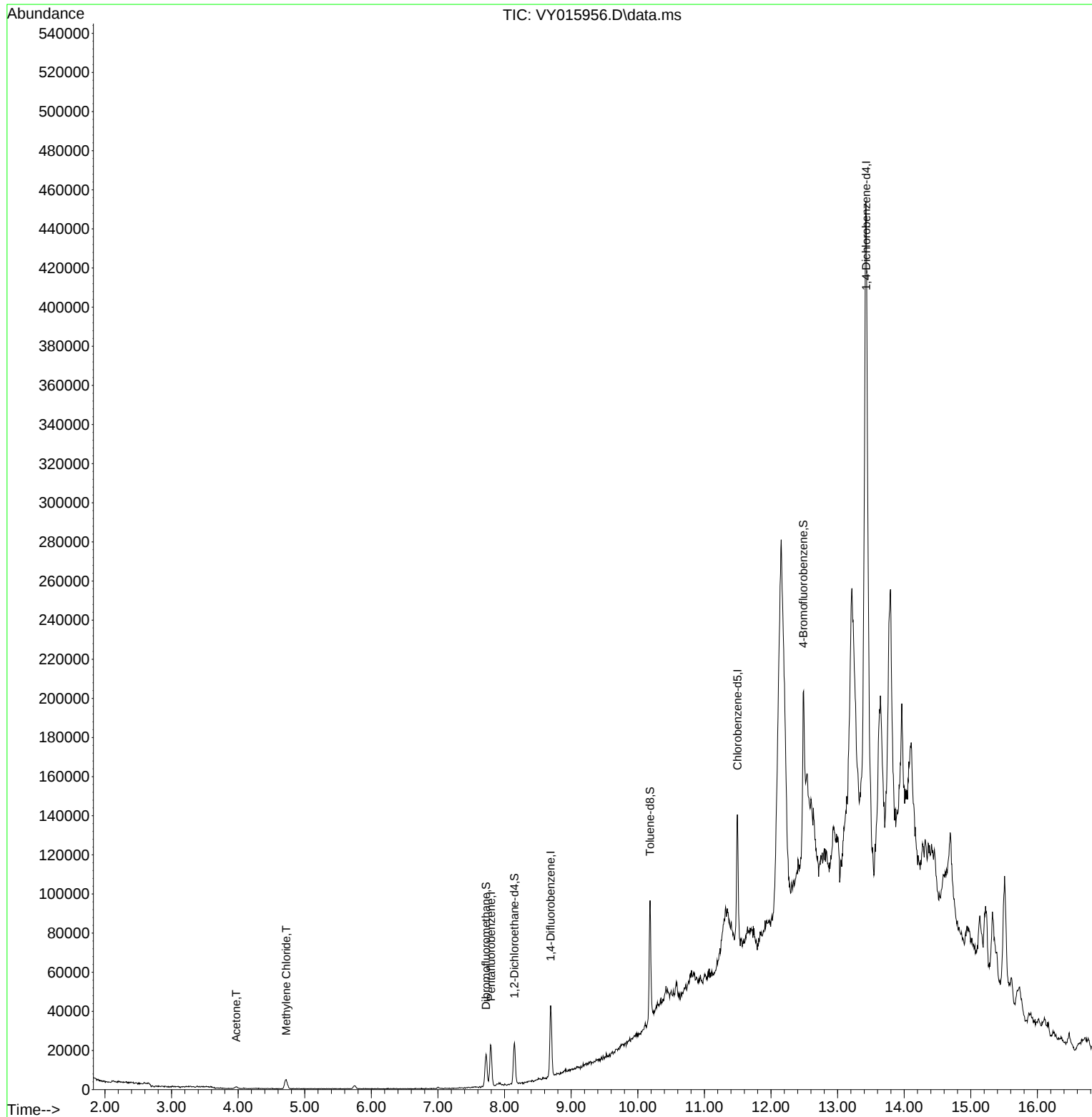
Internal Standards						
1) Pentafluorobenzene	7.795	168	16704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	31893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	35782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	16629	87.228	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 174.460%#		
35) Dibromofluoromethane	7.722	113	11975	59.641	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 119.280%		
50) Toluene-d8	10.185	98	40723	54.159	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.320%		
62) 4-Bromofluorobenzene	12.483	95	22084	82.481	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 164.960%#		
Target Compounds						
16) Acetone	3.973	43	1826	16.489	ug/l #	85
20) Methylene Chloride	4.723	84	3689	14.499	ug/l #	85

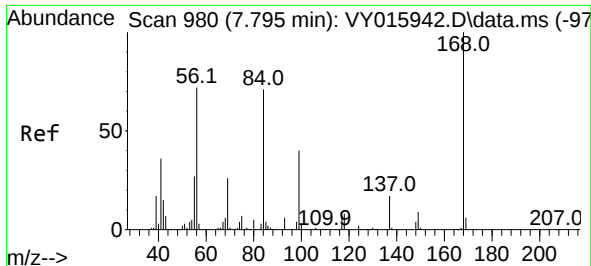
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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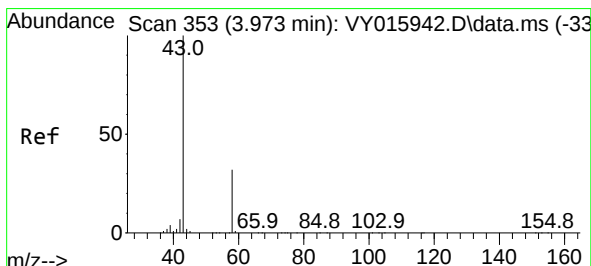
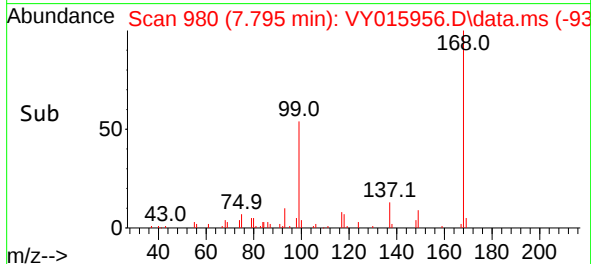
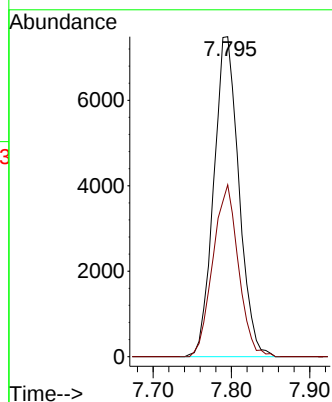
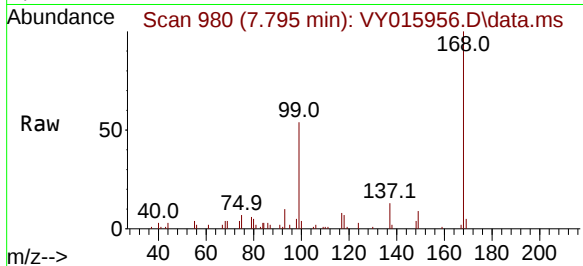




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015956.D
Acq: 13 Oct 2023 14:44

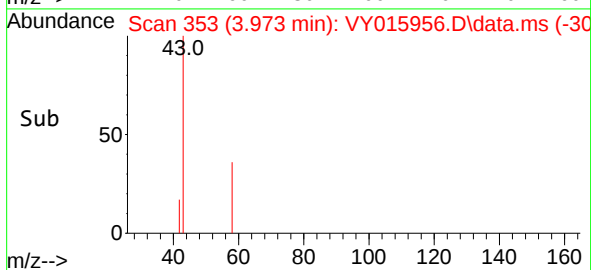
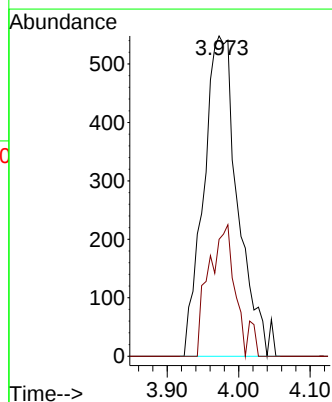
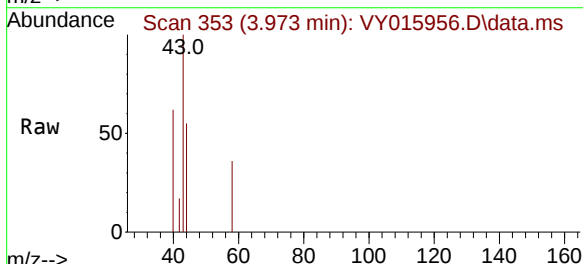
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-05

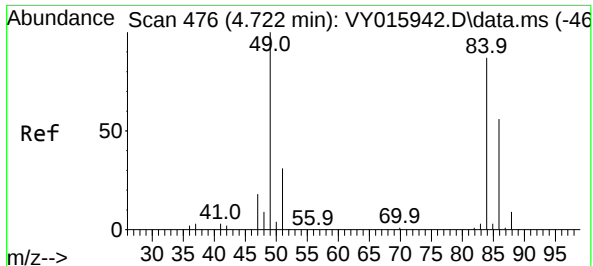
Tgt Ion:168 Resp: 16704
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 16.489 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY015956.D
Acq: 13 Oct 2023 14:44

Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
58 36.5 22.7 34.1#





#20

Methylene Chloride

Concen: 14.499 ug/l

RT: 4.723 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015956.D

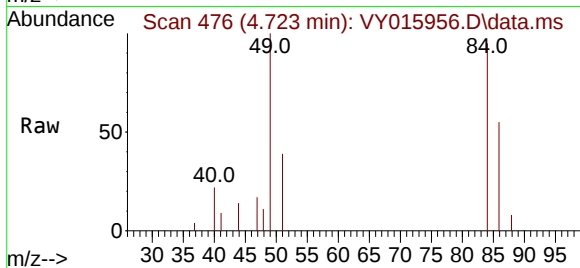
Acq: 13 Oct 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

OR-603-COMP-05



Tgt Ion: 84 Resp: 3689

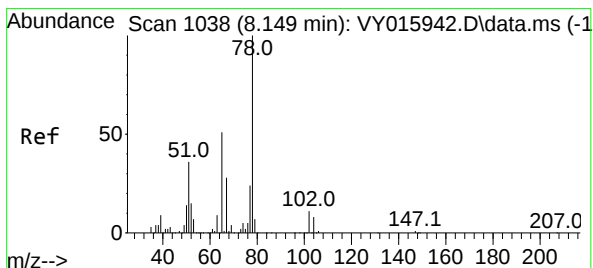
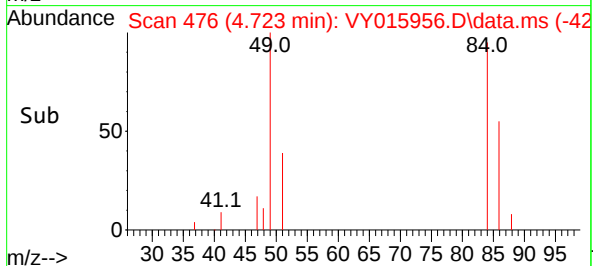
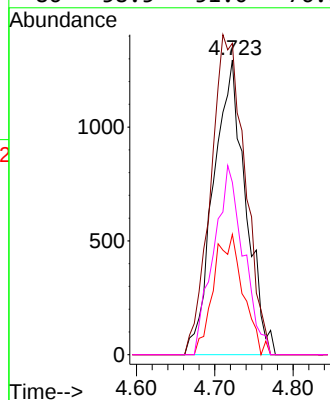
Ion Ratio Lower Upper

84 100

49 105.6 106.9 160.3#

51 40.8 33.2 49.8

86 58.5 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 87.228 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015956.D

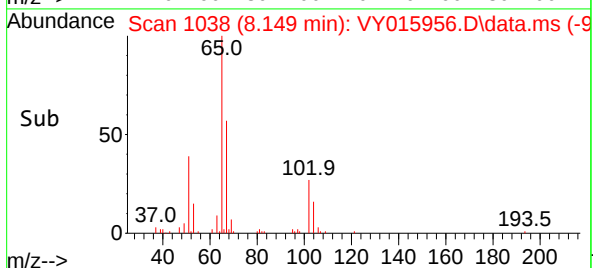
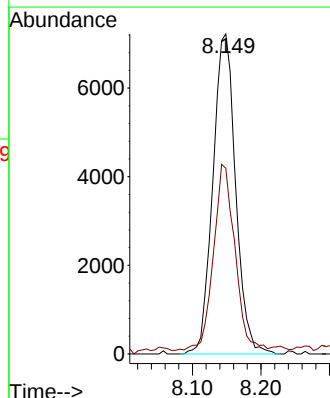
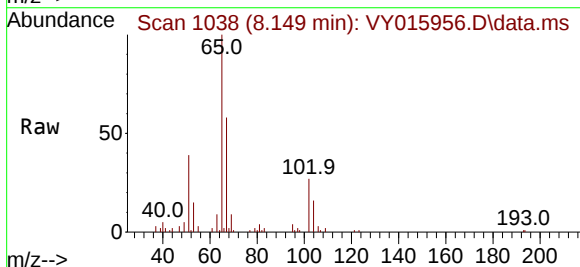
Acq: 13 Oct 2023 14:44

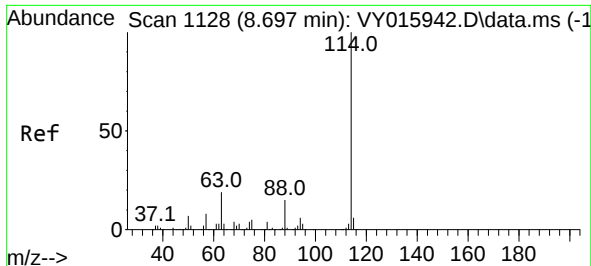
Tgt Ion: 65 Resp: 16629

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY015956.D

Acq: 13 Oct 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

OR-603-COMP-05

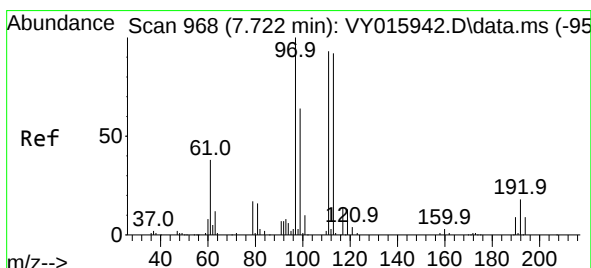
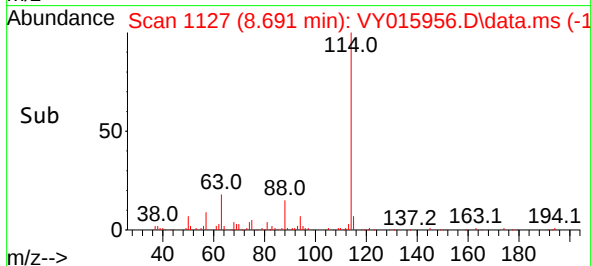
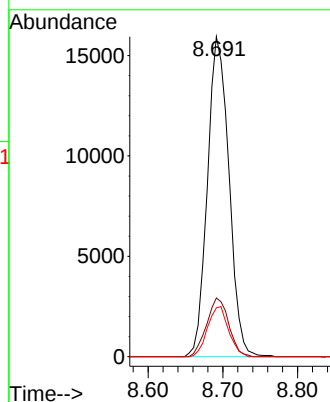
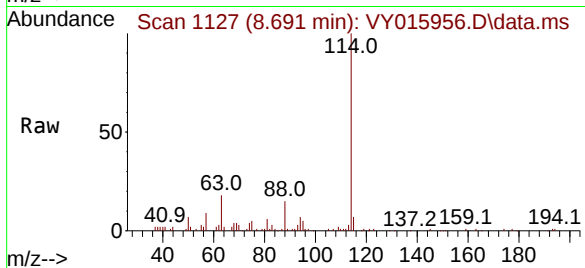
Tgt Ion:114 Resp: 31893

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.641 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY015956.D

Acq: 13 Oct 2023 14:44

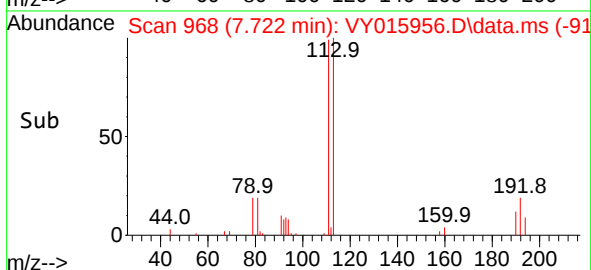
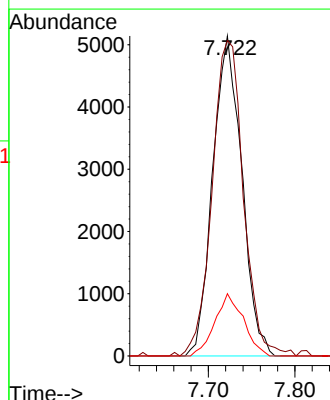
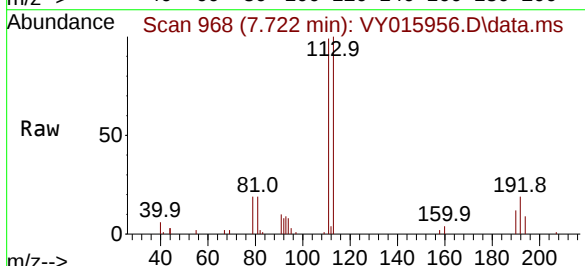
Tgt Ion:113 Resp: 11975

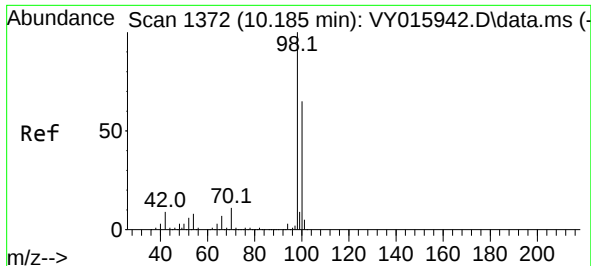
Ion Ratio Lower Upper

113 100

111 105.8 81.3 121.9

192 19.2 16.9 25.3

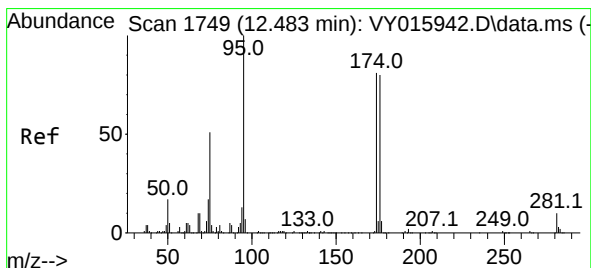
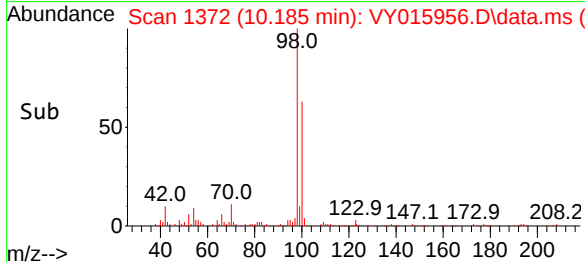
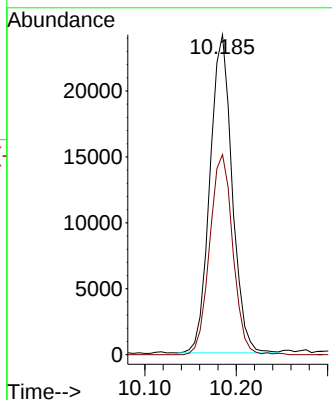
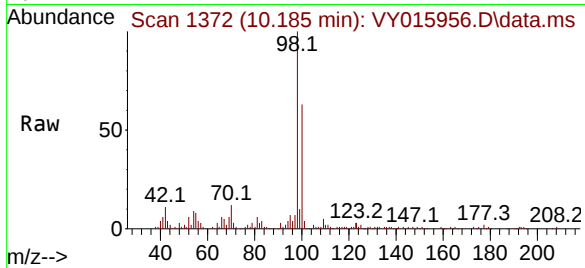




#50
Toluene-d8
Concen: 54.159 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015956.D
Acq: 13 Oct 2023 14:44

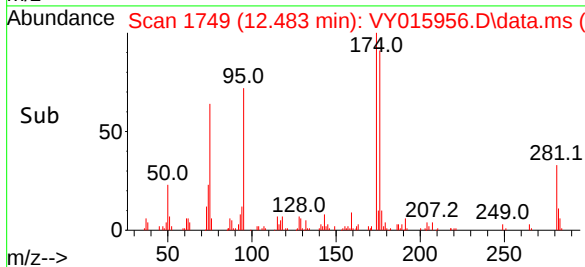
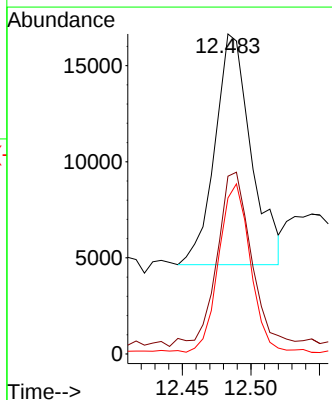
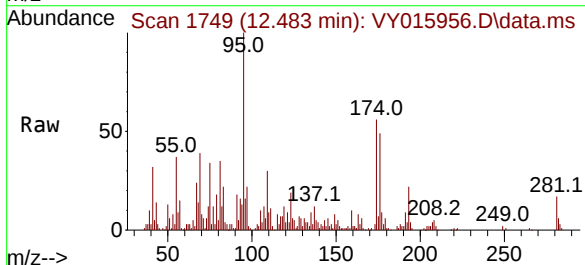
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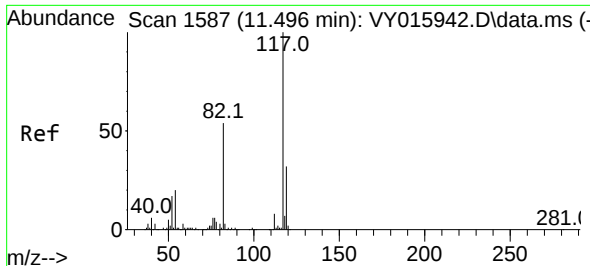
Tgt Ion: 98 Resp: 40723
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 82.481 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015956.D
Acq: 13 Oct 2023 14:44

Tgt Ion: 95 Resp: 22084
Ion Ratio Lower Upper
95 100
174 69.7 0.0 178.2
176 64.0 0.0 173.8

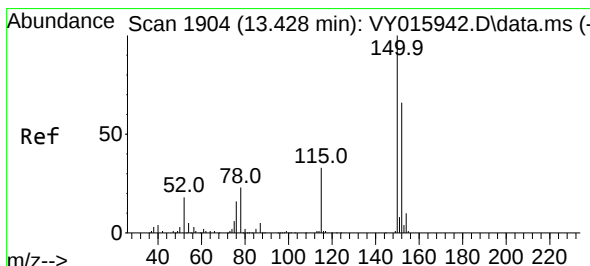
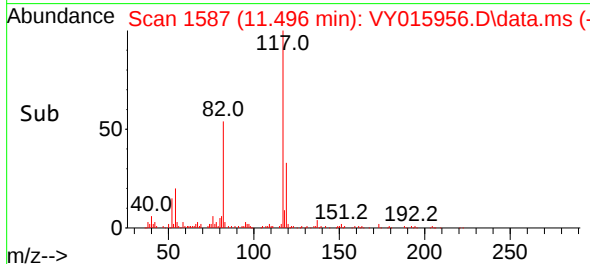
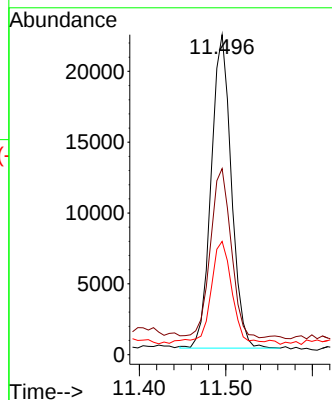
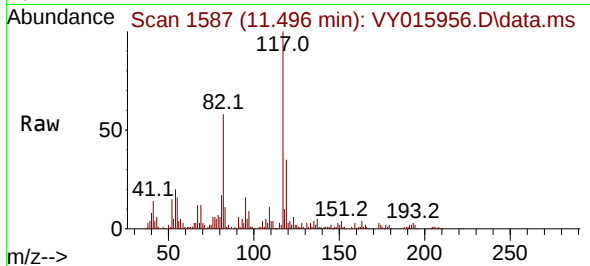




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015956.D
Acq: 13 Oct 2023 14:44

Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-05

Tgt Ion:	117	Resp:	35782
Ion Ratio	Lower	Upper	
117	100		
82	53.6	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. 0.000 min
Lab File: VY015956.D
Acq: 13 Oct 2023 14:44

Tgt Ion:	152	Resp:	27156
Ion Ratio	Lower	Upper	
152	100		
115	44.6	28.8	86.5
150	108.4	0.0	348.8

