

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015962.D
 Acq On : 13 Oct 2023 17:03
 Operator : SY/MD
 Sample : 04844-09
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-603-COMP-07

Quant Time: Oct 13 17:55:22 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)

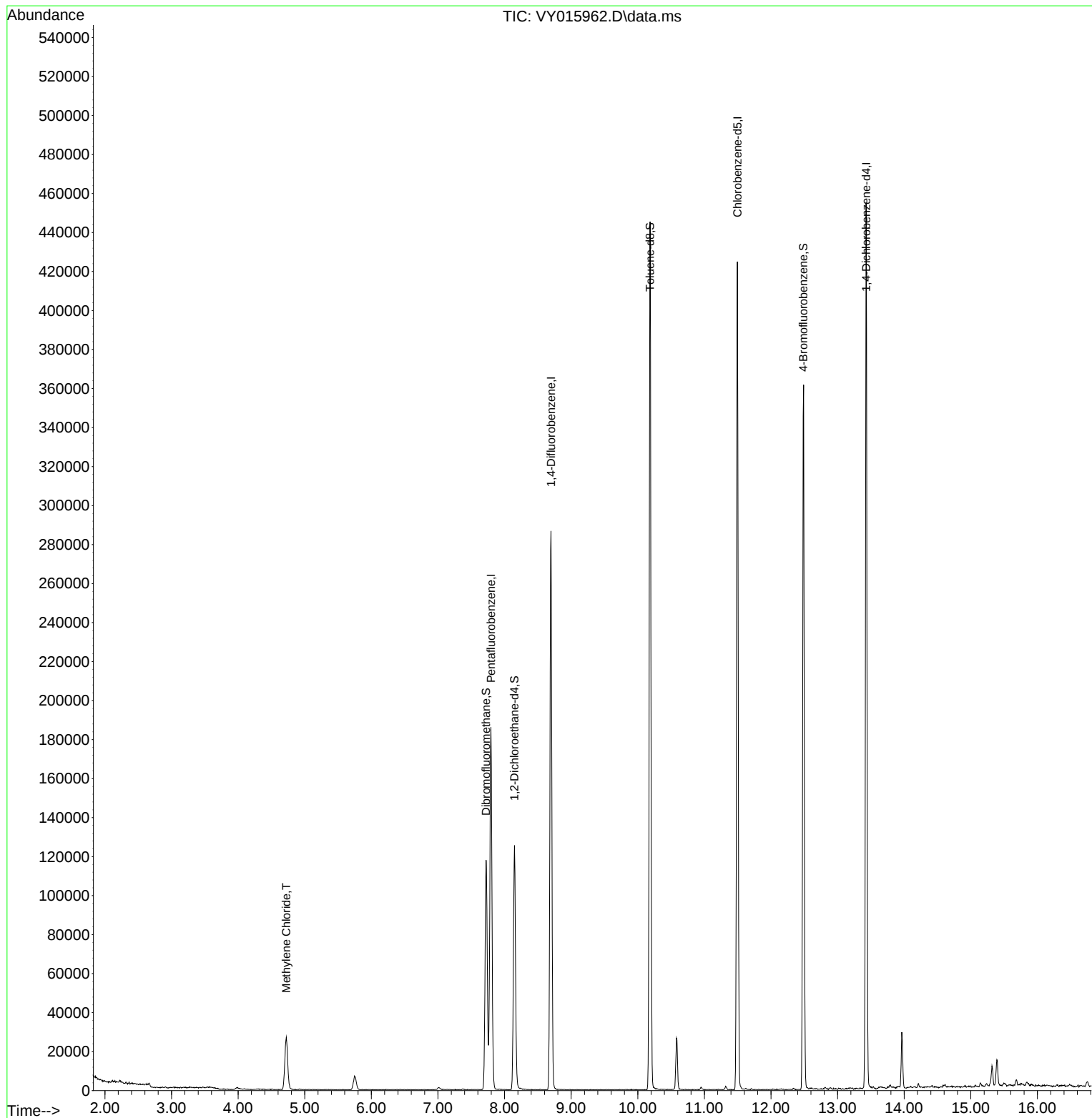
Internal Standards						
1) Pentafluorobenzene	7.795	168	144054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	251462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98627	59.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.980%	
35) Dibromofluoromethane	7.722	113	84725	53.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.040%	
50) Toluene-d8	10.185	98	294497	49.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.483	95	105521	49.985	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.980%	
Target Compounds						
20) Methylene Chloride	4.723	84	20144	7.519	ug/l	Qvalue 89

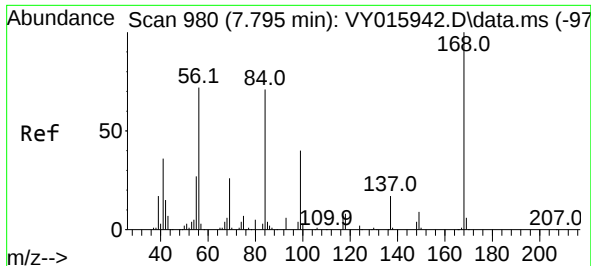
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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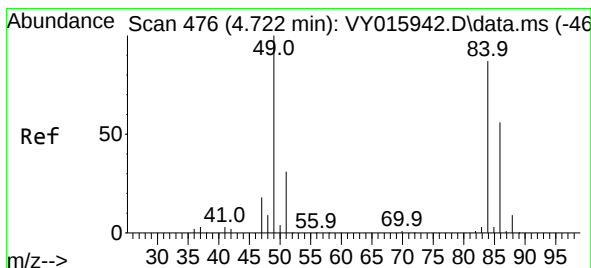
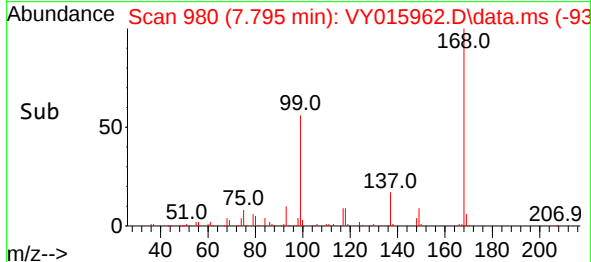
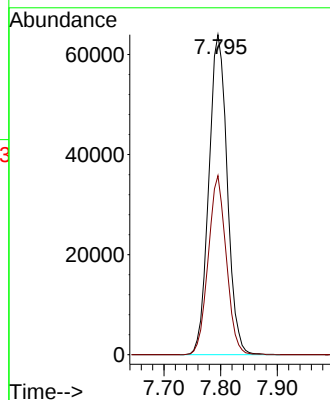
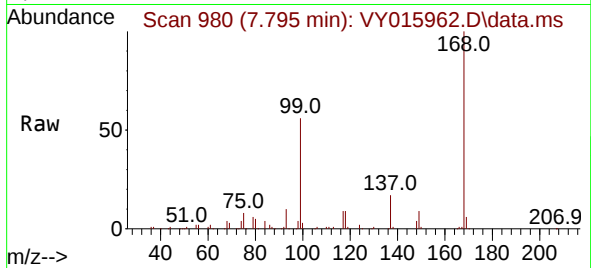




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

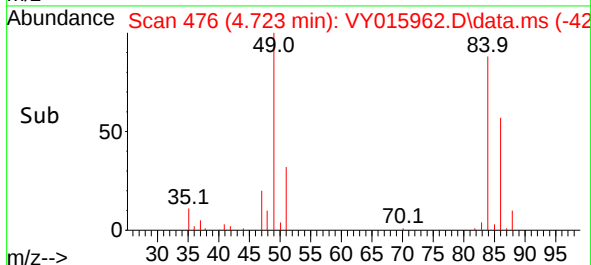
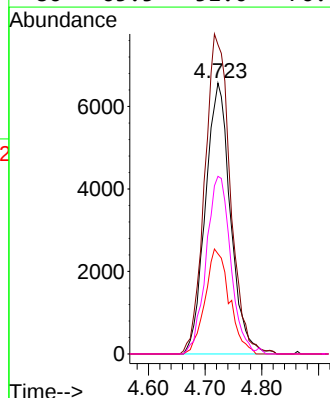
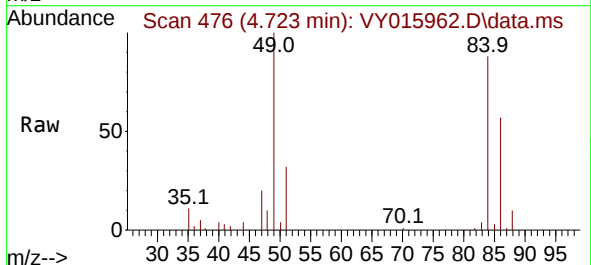
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-07

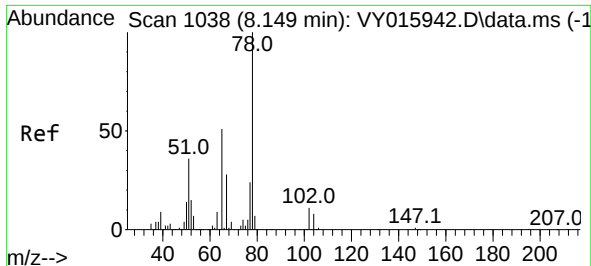
Tgt Ion:168 Resp: 144054
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#20
Methylene Chloride
Concen: 7.519 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Tgt Ion: 84 Resp: 20144
Ion Ratio Lower Upper
84 100
49 114.1 106.9 160.3
51 37.0 33.2 49.8
86 65.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.990 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015962.D

Acq: 13 Oct 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

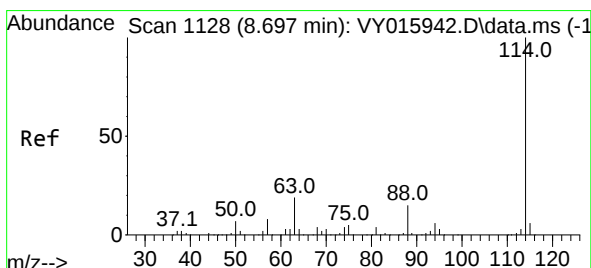
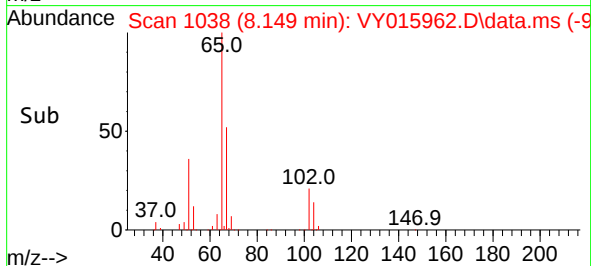
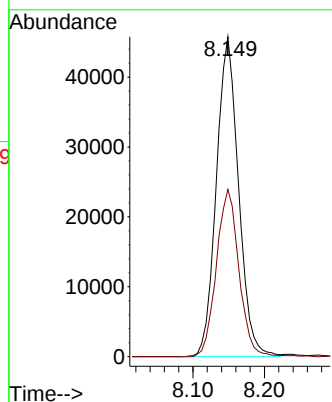
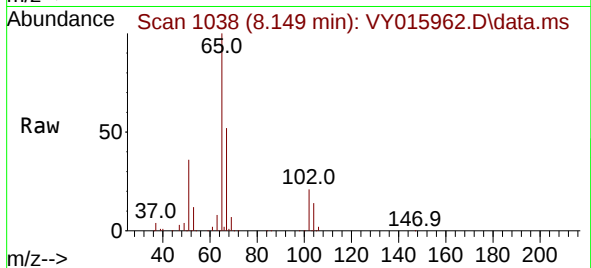
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Tgt Ion: 65 Resp: 98627

Ion Ratio Lower Upper

65 100

67 53.2 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: VY015962.D

Acq: 13 Oct 2023 17:03

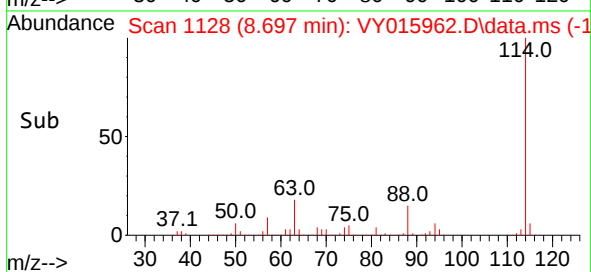
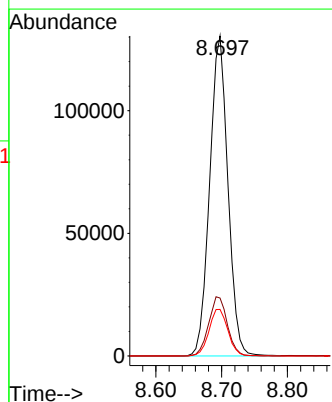
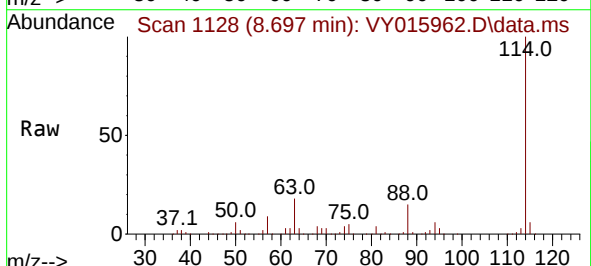
Tgt Ion: 114 Resp: 251462

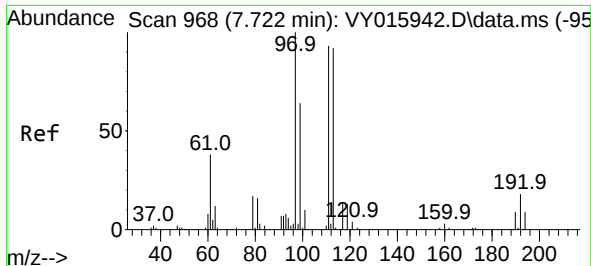
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.5 0.0 30.6

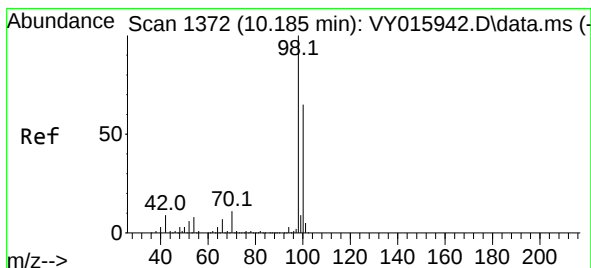
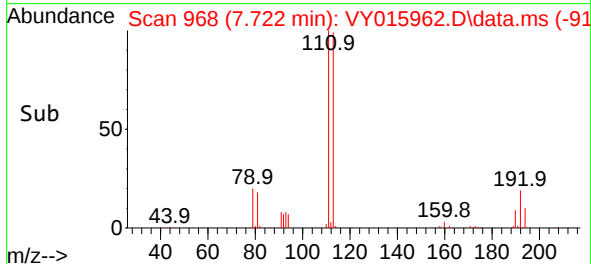
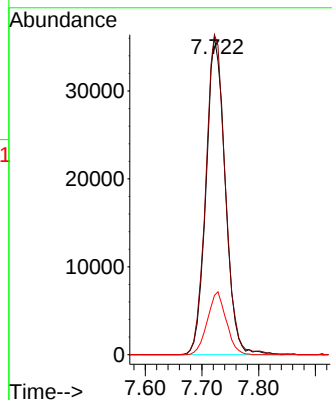
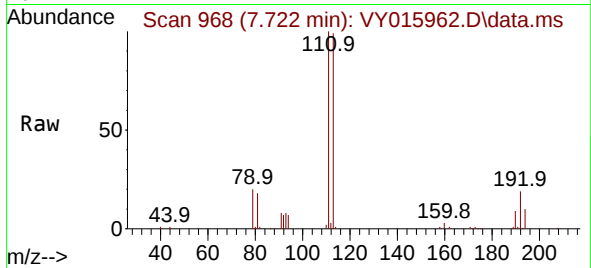




#35
Dibromofluoromethane
Concen: 53.519 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

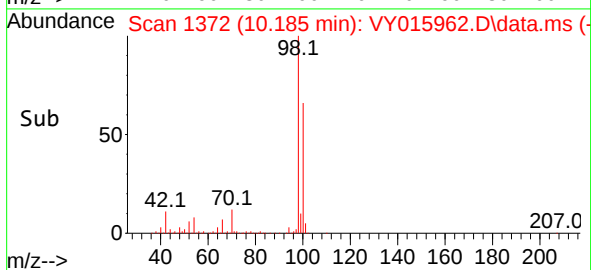
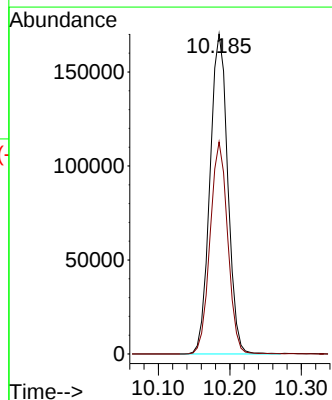
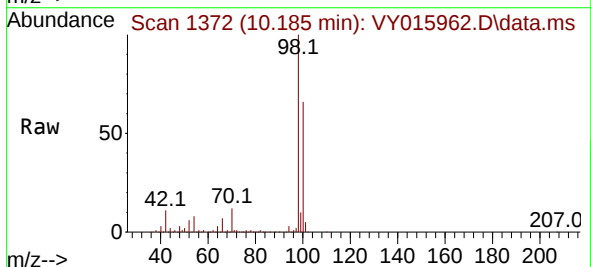
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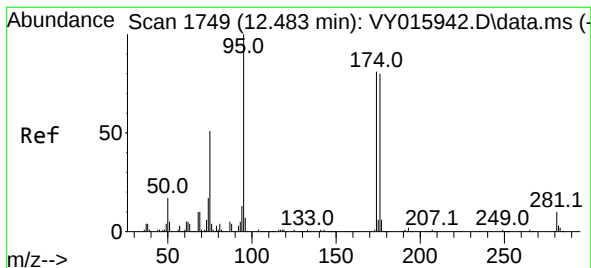
Tgt Ion:113 Resp: 84725
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 49.674 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Tgt Ion: 98 Resp: 294497
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

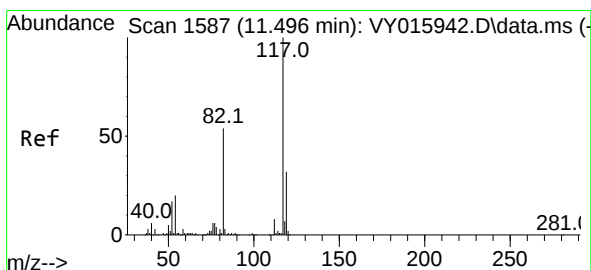
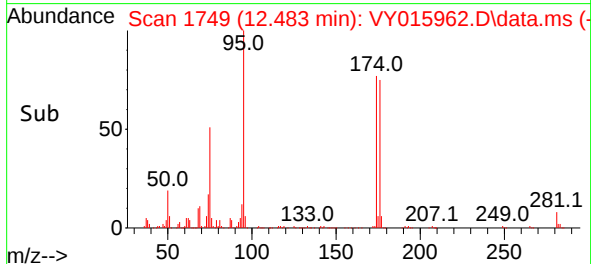
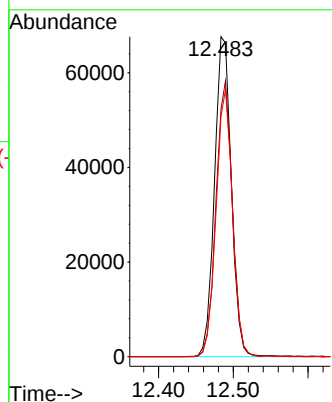
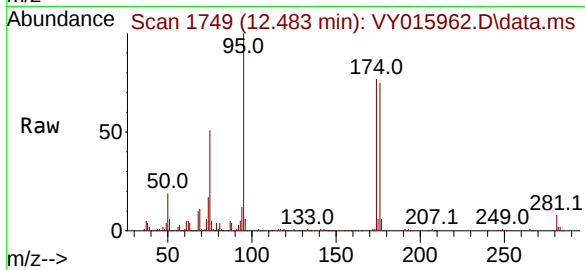




#62
4-Bromofluorobenzene
Concen: 49.985 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

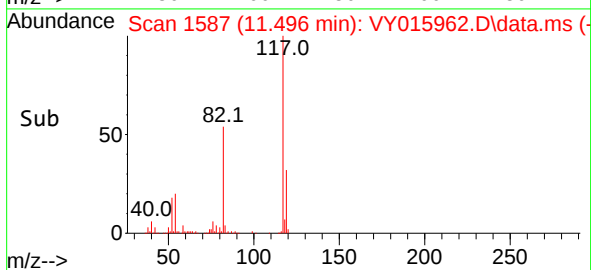
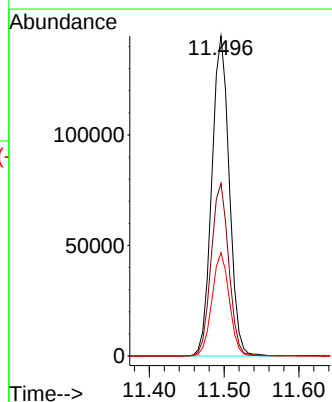
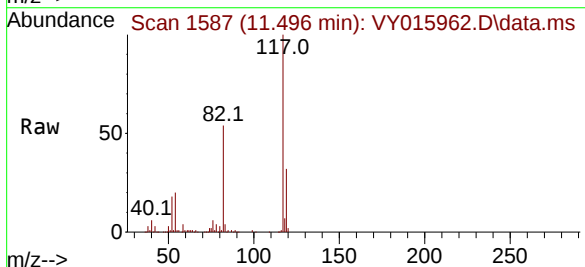
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-07

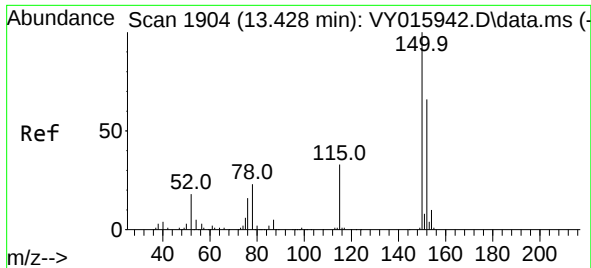
Tgt Ion: 95 Resp: 105521
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015962.D
Acq: 13 Oct 2023 17:03

Tgt Ion: 117 Resp: 235399
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.3 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: VY015962.D

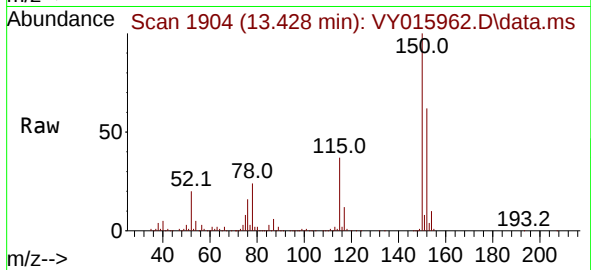
Acq: 13 Oct 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

OR-603-COMP-07



Tgt Ion:152 Resp: 113942

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 158.3 0.0 348.8

