

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015959.D
 Acq On : 13 Oct 2023 15:52
 Operator : SY/MD
 Sample : 04844-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 13 17:46:10 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)

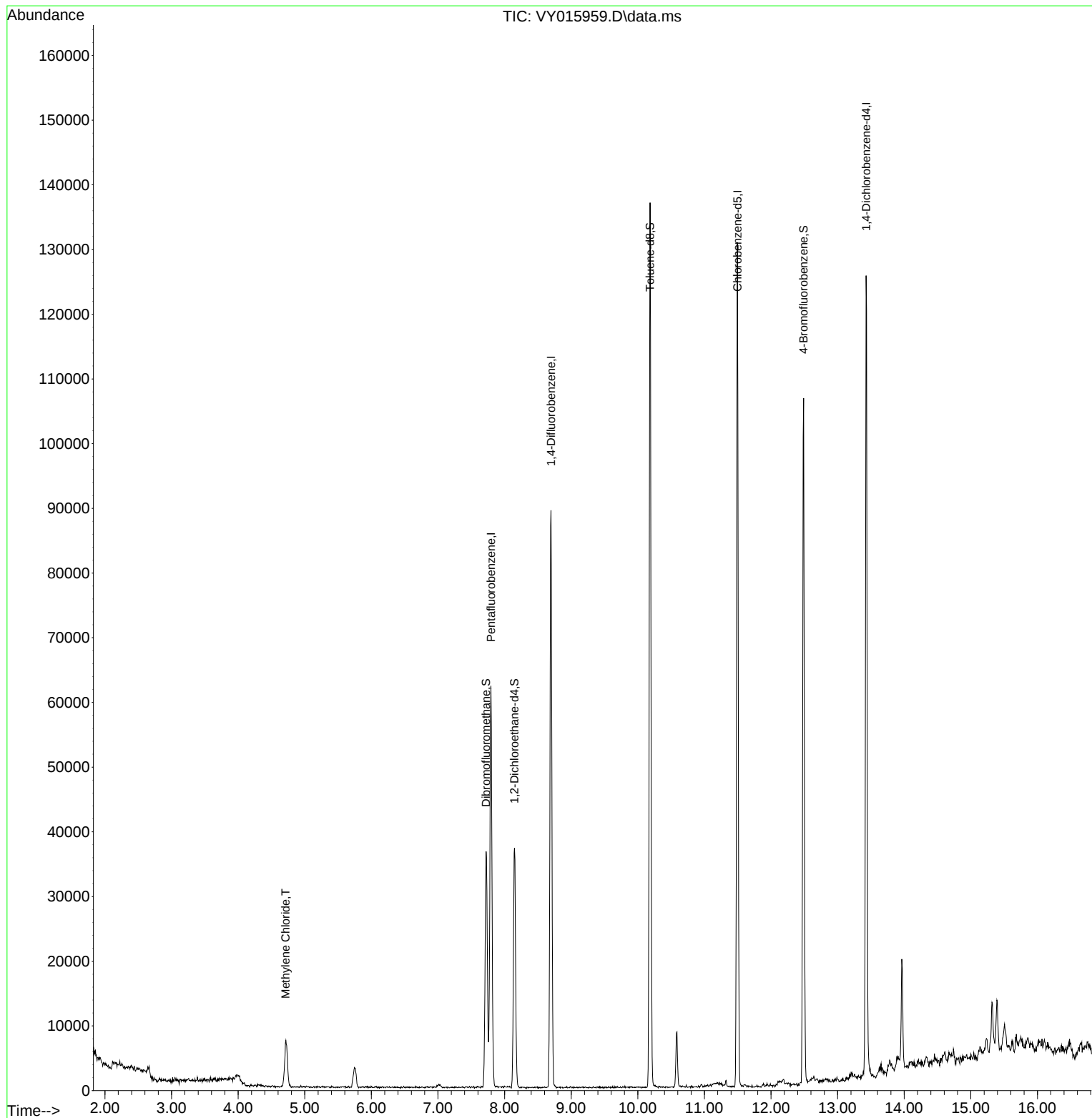
Internal Standards						
1) Pentafluorobenzene	7.795	168	47597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	76879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	71359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	29911	55.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.120%	
35) Dibromofluoromethane	7.722	113	26352	54.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.900%	
50) Toluene-d8	10.185	98	90049	49.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.489	95	30362	47.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.080%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	5394	5.235	ug/l	# 84

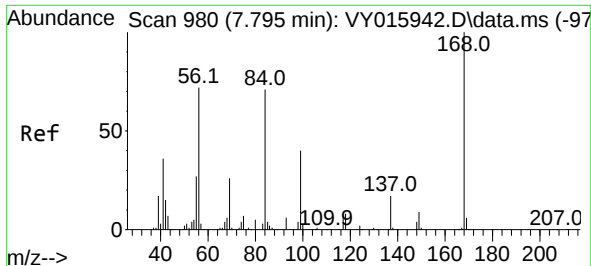
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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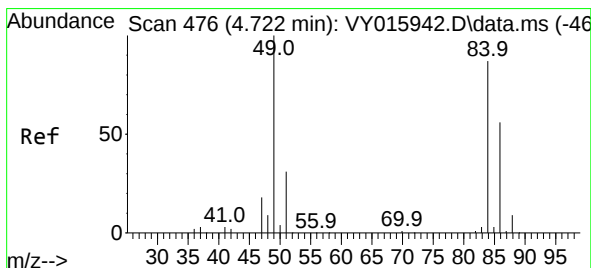
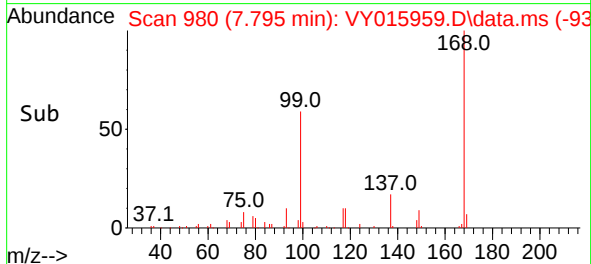
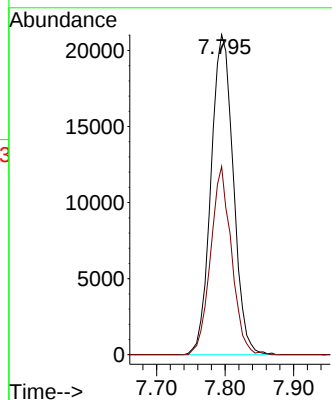
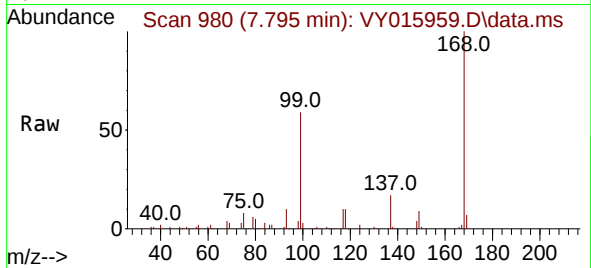




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

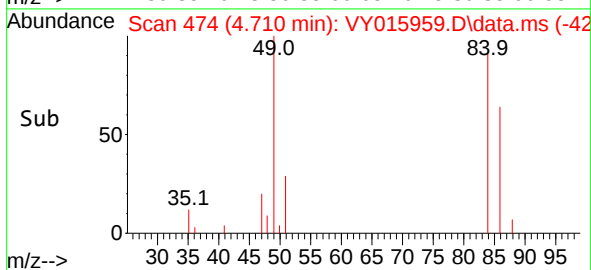
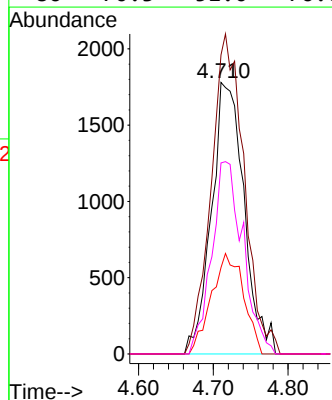
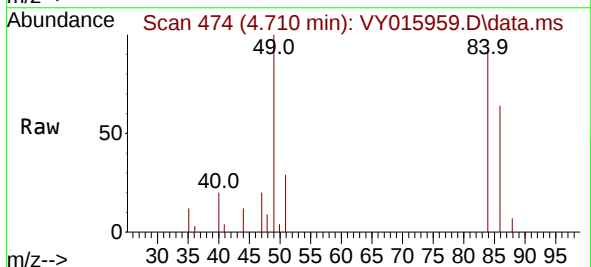
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-05RE

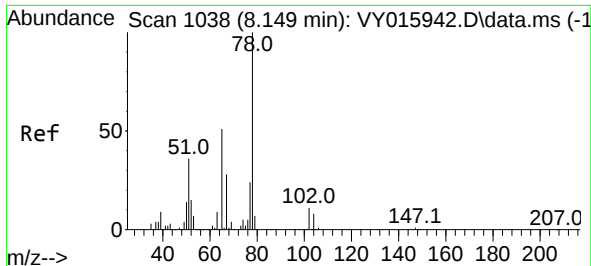
Tgt Ion:168 Resp: 47597
Ion Ratio Lower Upper
168 100
99 58.8 43.4 65.0



#20
Methylene Chloride
Concen: 5.235 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 84 Resp: 5394
Ion Ratio Lower Upper
84 100
49 110.2 106.9 160.3
51 31.8 33.2 49.8#
86 70.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.063 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY015959.D

Acq: 13 Oct 2023 15:52

Instrument :

MSVOA_Y

ClientSampleId :

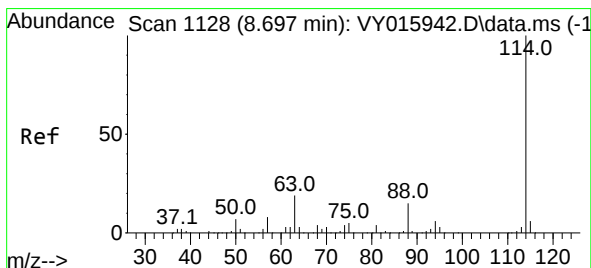
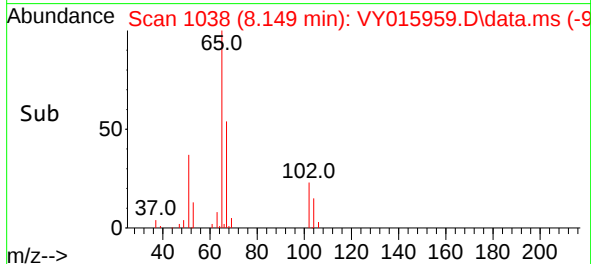
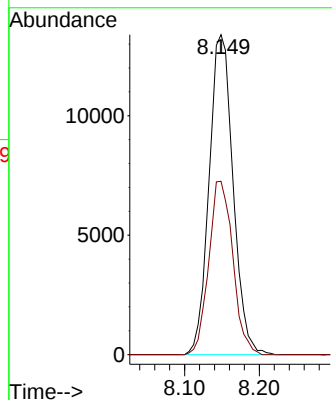
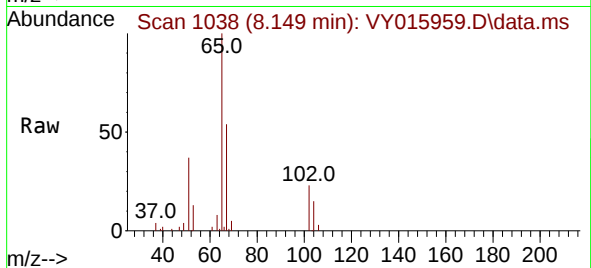
OR-603-COMP-05RE

Tgt Ion: 65 Resp: 29911

Ion Ratio Lower Upper

65 100

67 54.3 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: VY015959.D

Acq: 13 Oct 2023 15:52

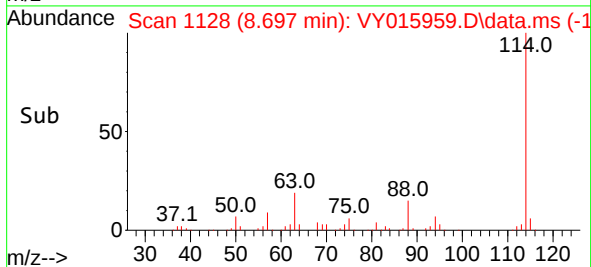
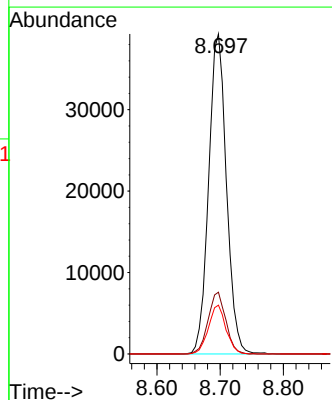
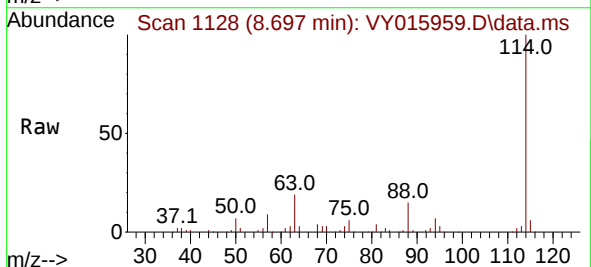
Tgt Ion: 114 Resp: 76879

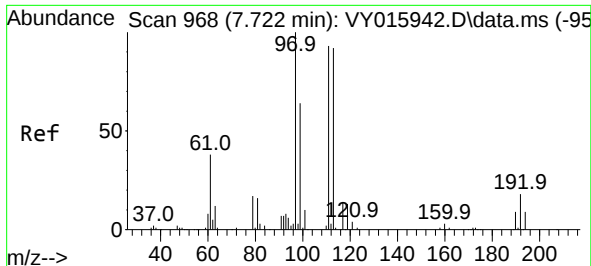
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.3 0.0 30.6

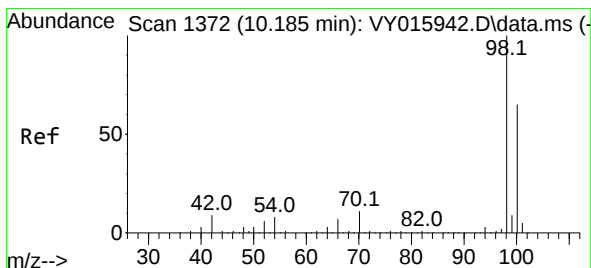
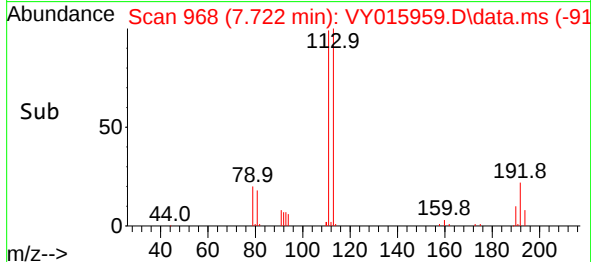
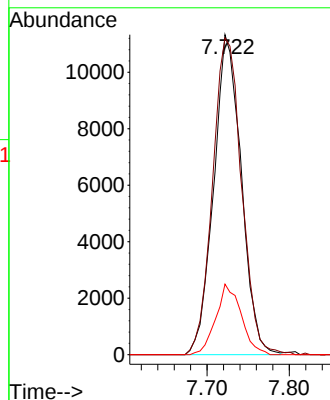
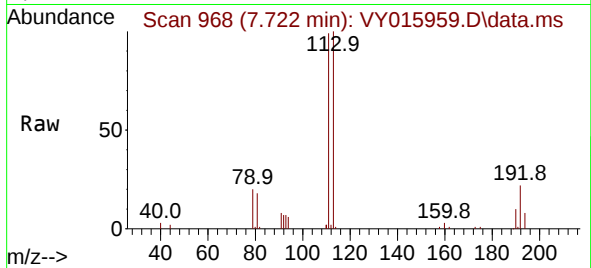




#35
Dibromofluoromethane
Concen: 54.447 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

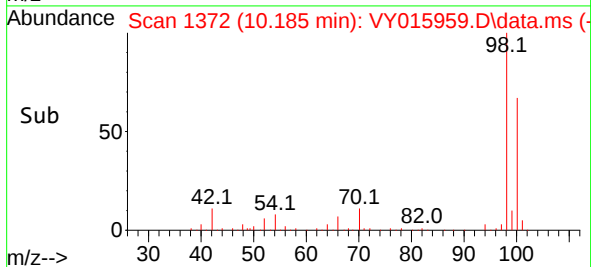
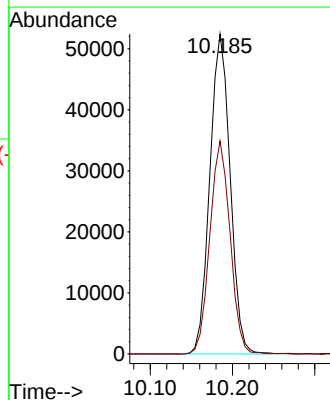
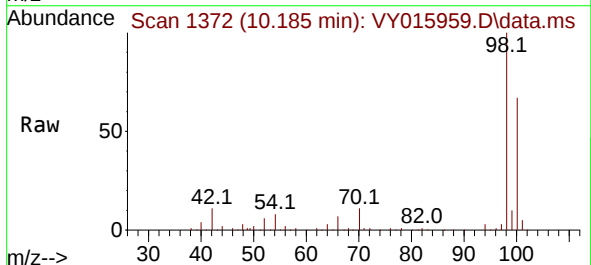
Instrument :
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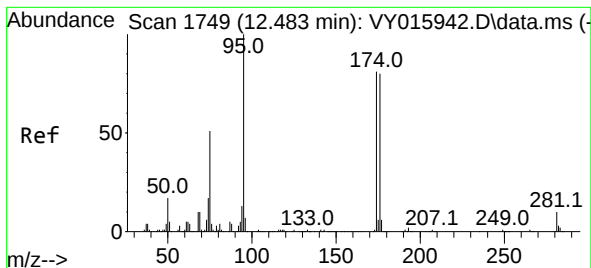
Tgt Ion:113 Resp: 26352
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.3 16.9 25.3



#50
Toluene-d8
Concen: 49.682 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

Tgt Ion: 98 Resp: 90049
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

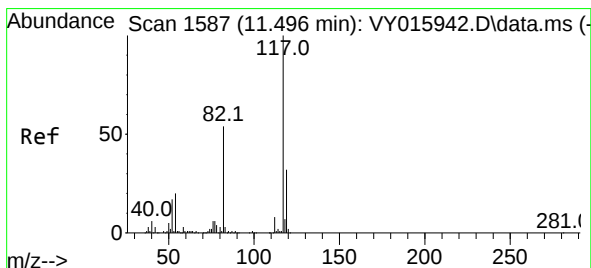
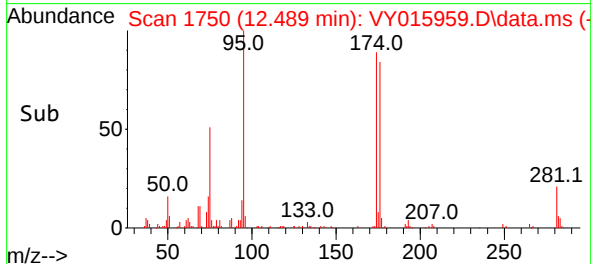
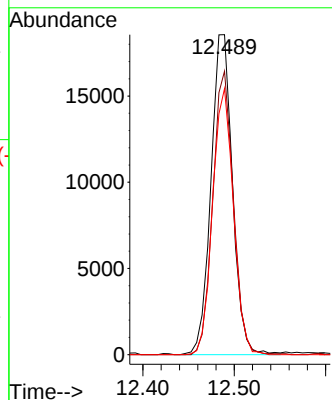
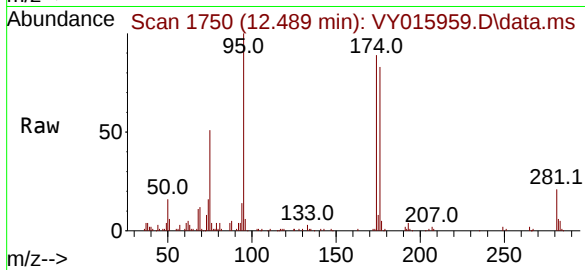




#62
4-Bromofluorobenzene
Concen: 47.043 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

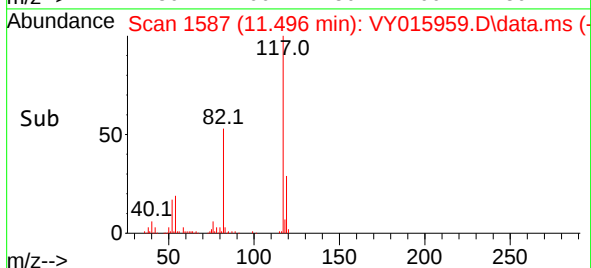
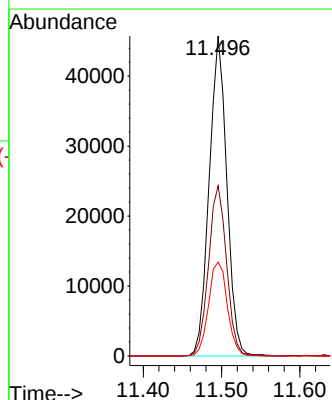
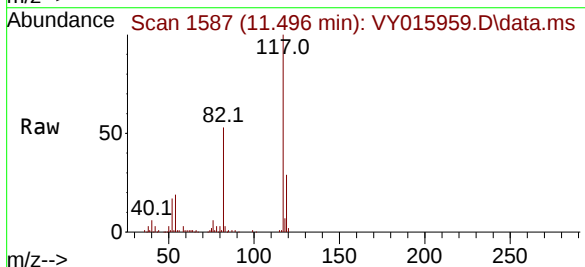
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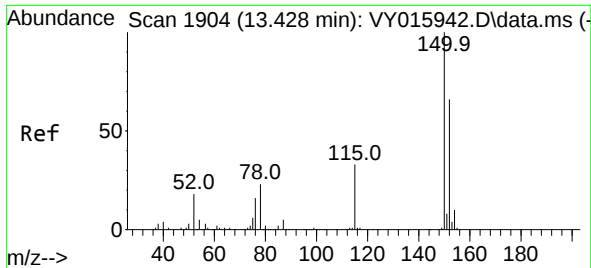
Tgt Ion: 95 Resp: 30362
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 80.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY015959.D
Acq: 13 Oct 2023 15:52

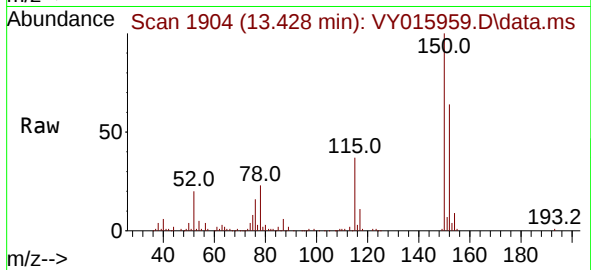
Tgt Ion: 117 Resp: 71359
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 29.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY015959.D
 Acq: 13 Oct 2023 15:52

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



Tgt Ion:152 Resp: 32759
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.8 86.5
 150 157.6 0.0 348.8

