

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015969.D
 Acq On : 13 Oct 2023 19:47
 Operator : SY/MD
 Sample : 04888-01
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-304-COMP-01

Quant Time: Oct 14 01:52:08 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)

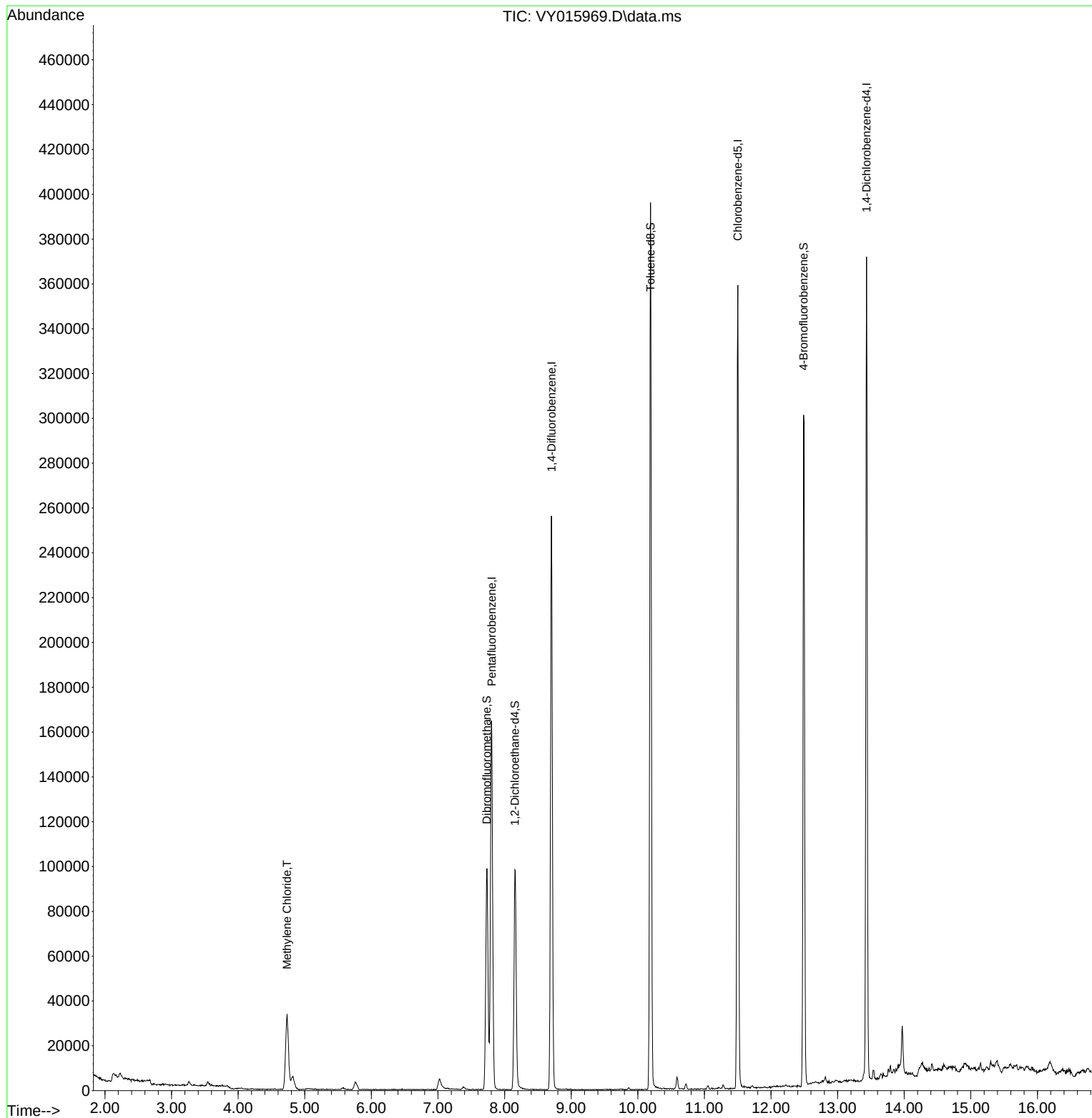
Internal Standards						
1) Pentafluorobenzene	7.807	168	130221	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	217936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	201770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81807	55.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.734	113	70966	51.724	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.440%
50) Toluene-d8	10.191	98	258881	50.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.489	95	87338	47.736	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.480%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.735	84	25545	12.373	ug/l	93

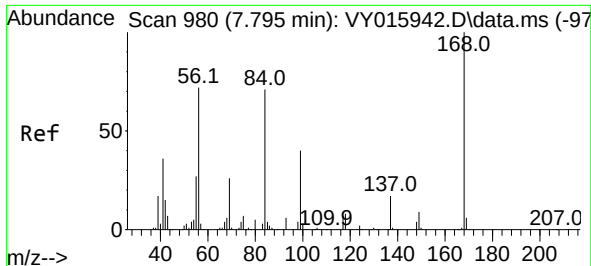
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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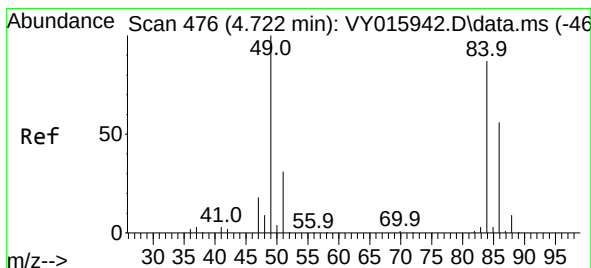
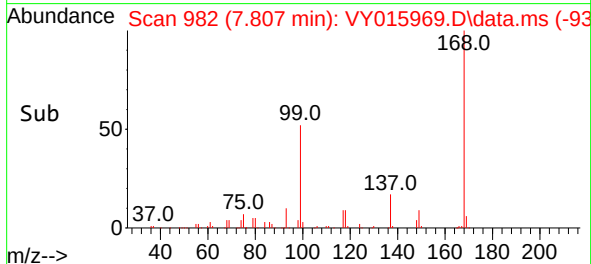
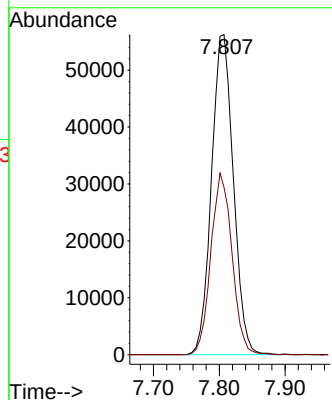
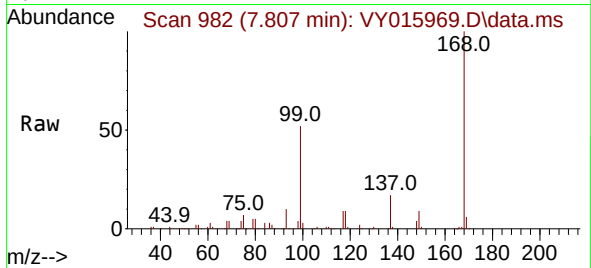




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

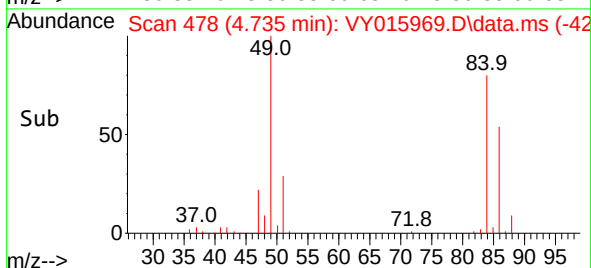
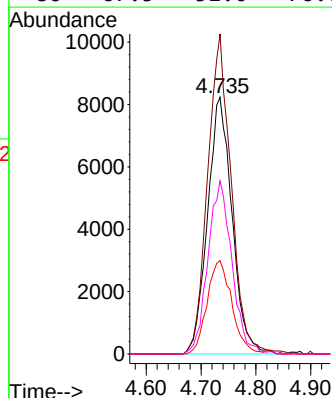
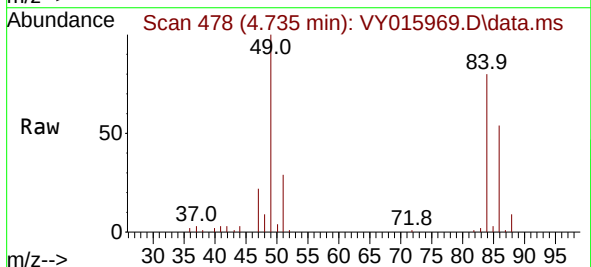
Instrument :
MSVOA_Y
ClientSampleId :
TR-304-COMP-01

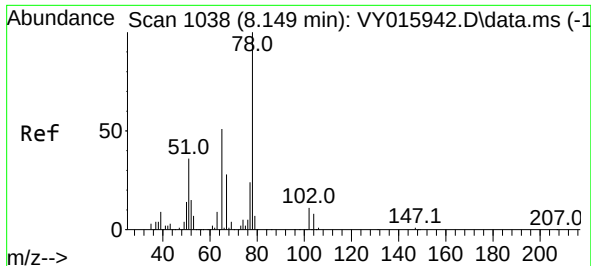
Tgt Ion:168 Resp: 130221
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#20
Methylene Chloride
Concen: 12.373 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

Tgt Ion: 84 Resp: 25545
Ion Ratio Lower Upper
84 100
49 124.7 106.9 160.3
51 36.4 33.2 49.8
86 67.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.045 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

Instrument :

MSVOA_Y

ClientSampleId :

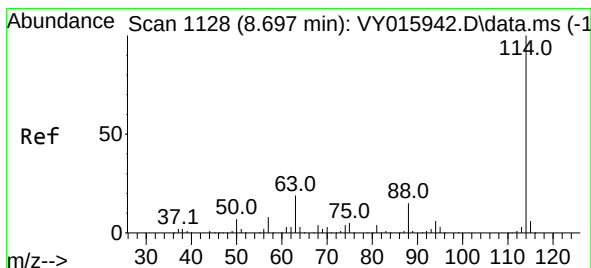
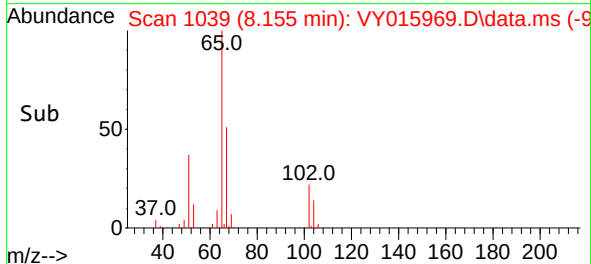
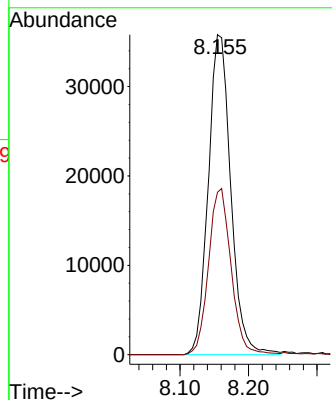
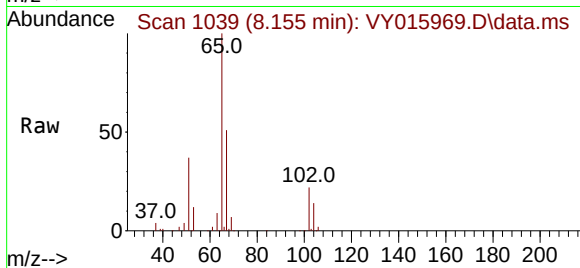
TR-304-COMP-01

Tgt Ion: 65 Resp: 81807

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY015969.D

Acq: 13 Oct 2023 19:47

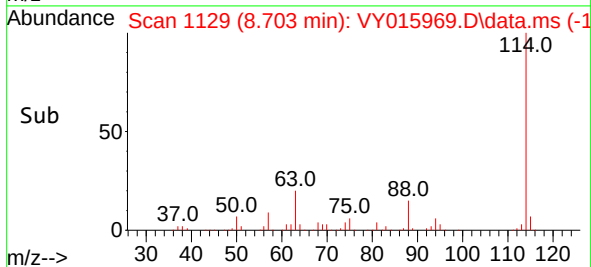
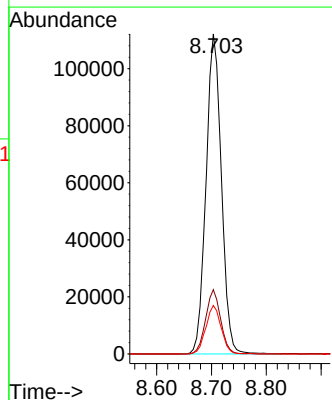
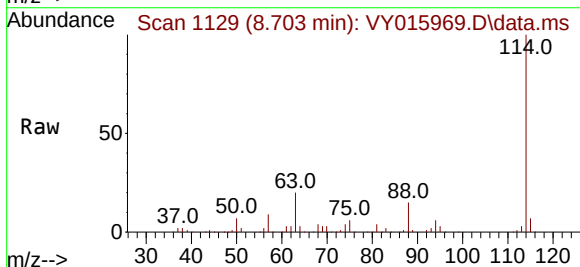
Tgt Ion: 114 Resp: 217936

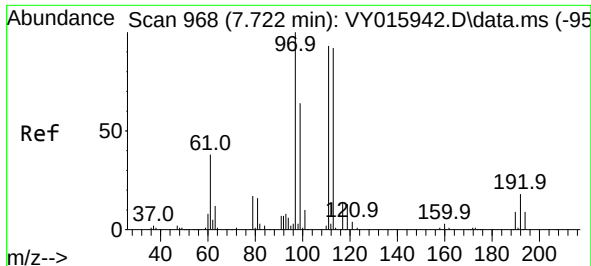
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.1 0.0 30.6

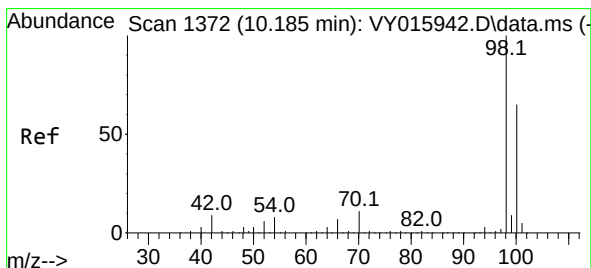
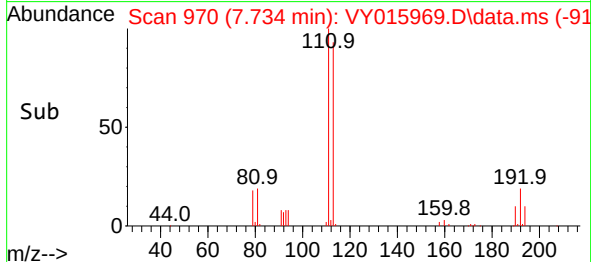
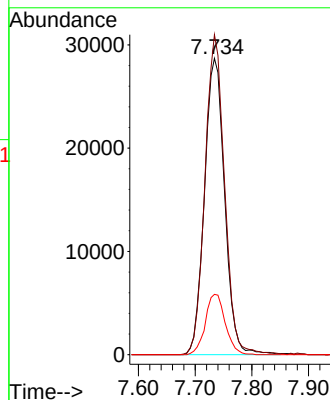
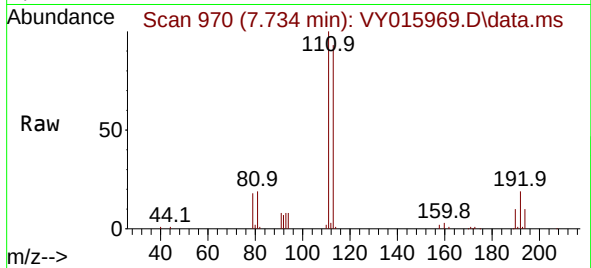




#35
Dibromofluoromethane
Concen: 51.724 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

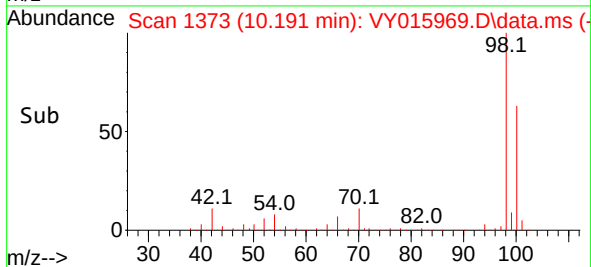
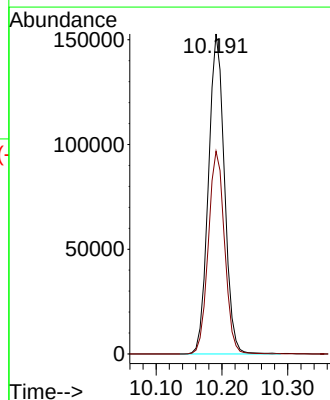
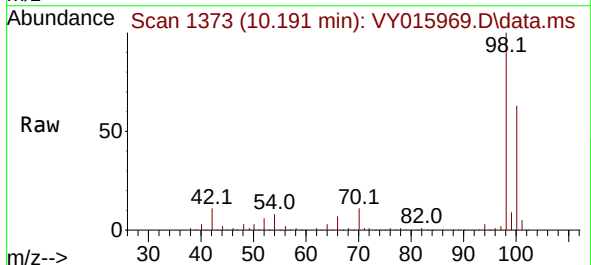
Instrument :
MSVOA_Y
ClientSampleId :
TR-304-COMP-01

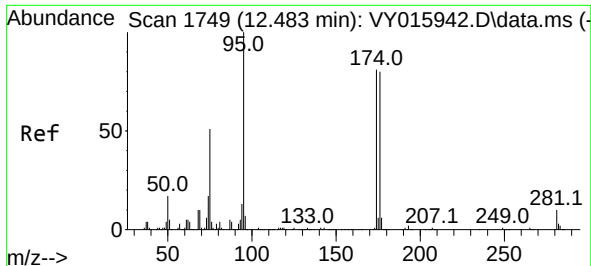
Tgt Ion:113 Resp: 70966
Ion Ratio Lower Upper
113 100
111 104.8 81.3 121.9
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 50.384 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

Tgt Ion: 98 Resp: 258881
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1

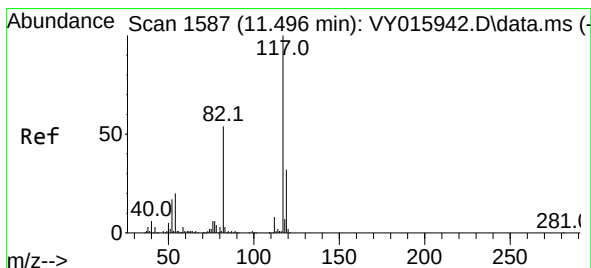
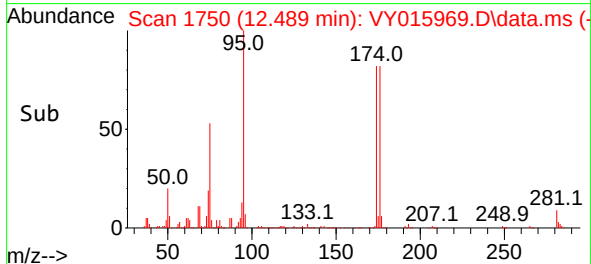
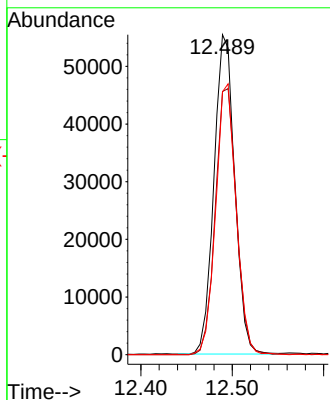
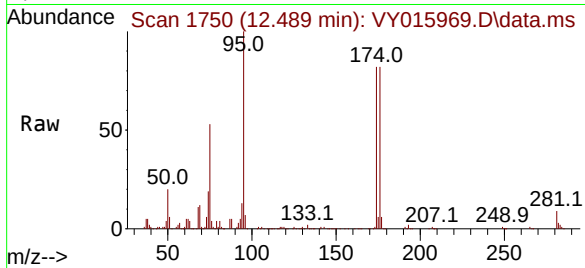




#62
4-Bromofluorobenzene
Concen: 47.736 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

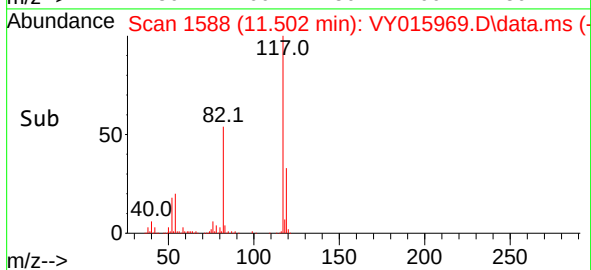
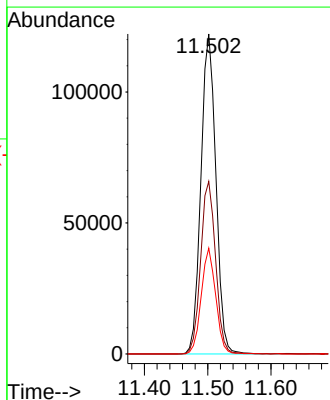
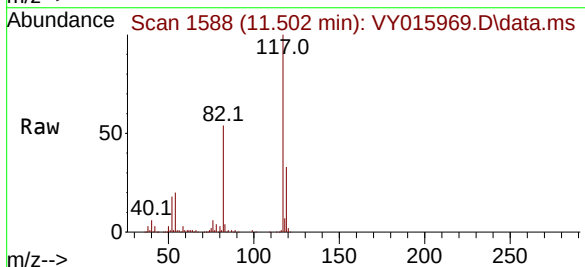
Instrument :
MSVOA_Y
ClientSampleId :
TR-304-COMP-01

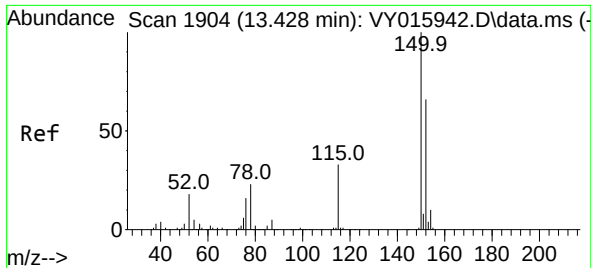
Tgt Ion: 95 Resp: 87338
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY015969.D
Acq: 13 Oct 2023 19:47

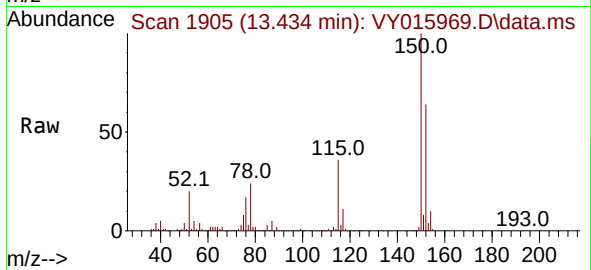
Tgt Ion: 117 Resp: 201770
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 33.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY015969.D
 Acq: 13 Oct 2023 19:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-304-COMP-01



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.8	86.5
150	156.1	0.0	348.8

