

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016669.D
 Acq On : 16 Dec 2023 15:16
 Operator : SY/MD
 Sample : 05611-07RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-7RE

Quant Time: Dec 18 00:40:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	6572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3138	58.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.720%
35) Dibromofluoromethane	7.710	113	3025	52.785	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.560%
50) Toluene-d8	10.191	98	11731	51.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.483	95	2354	32.053	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.100%

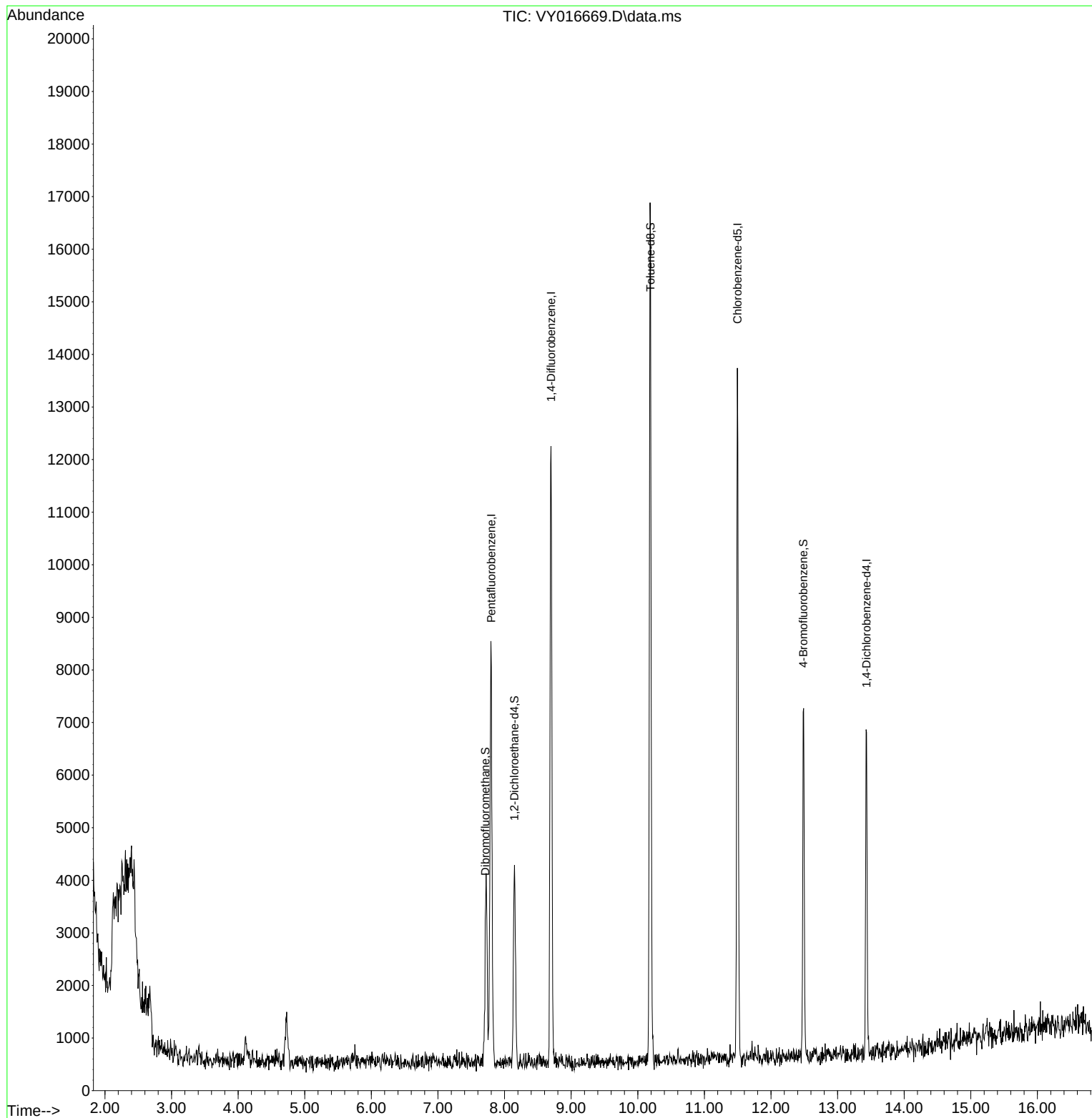
Target Compounds	Qvalue

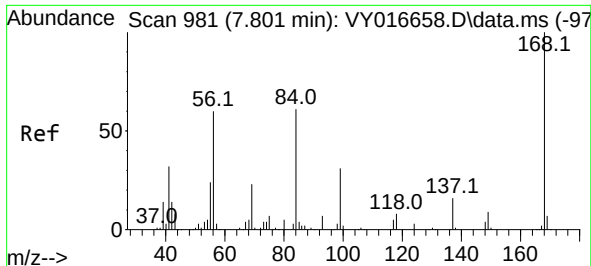
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
Data File : VY016669.D
Acq On : 16 Dec 2023 15:16
Operator : SY/MD
Sample : 05611-07RE
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

Quant Time: Dec 18 00:40:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 16 00:39:52 2023
Response via : Initial Calibration

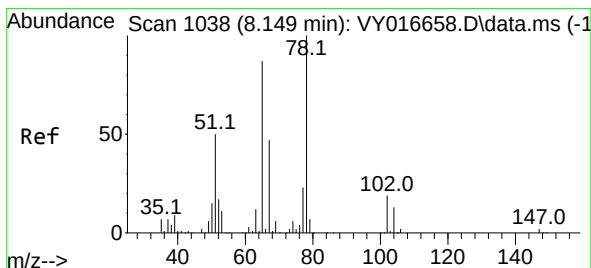
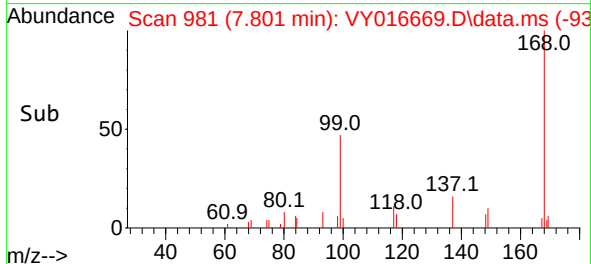
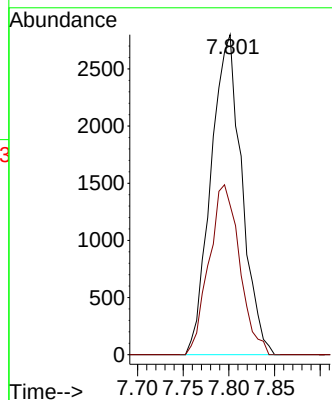
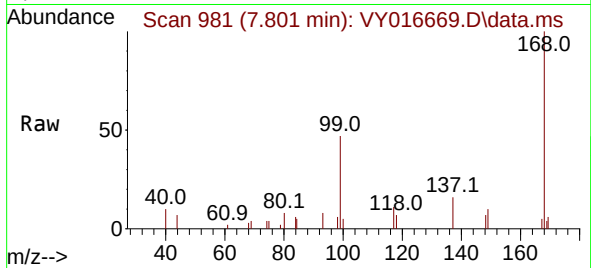




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016669.D
Acq: 16 Dec 2023 15:16

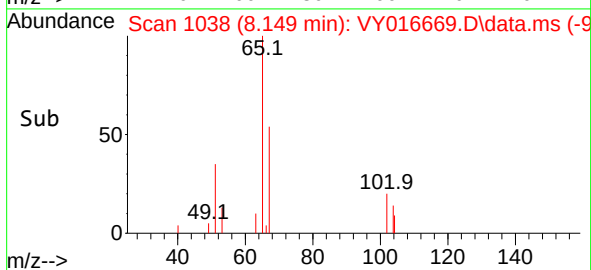
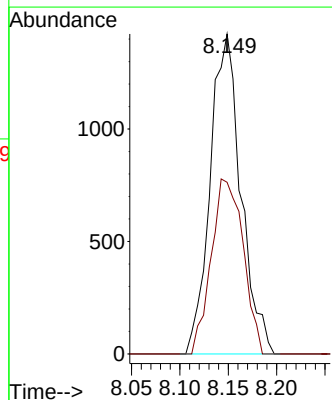
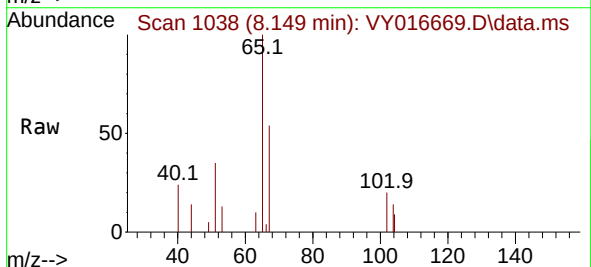
Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

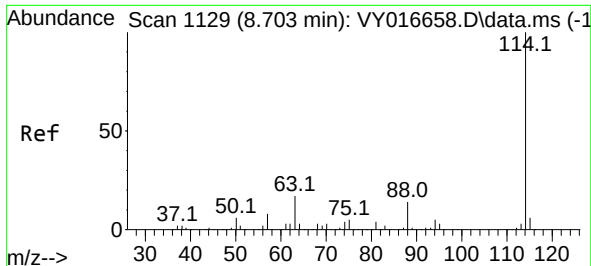
Tgt Ion:168 Resp: 6572
Ion Ratio Lower Upper
168 100
99 46.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.362 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016669.D
Acq: 16 Dec 2023 15:16

Tgt Ion: 65 Resp: 3138
Ion Ratio Lower Upper
65 100
67 56.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016669.D

Acq: 16 Dec 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

PE-7RE

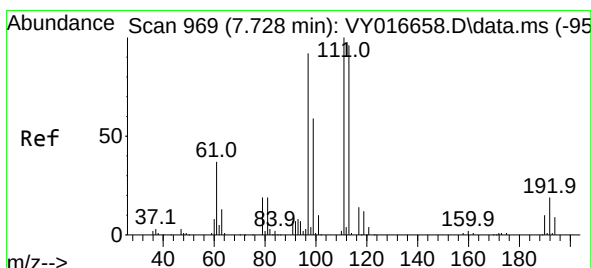
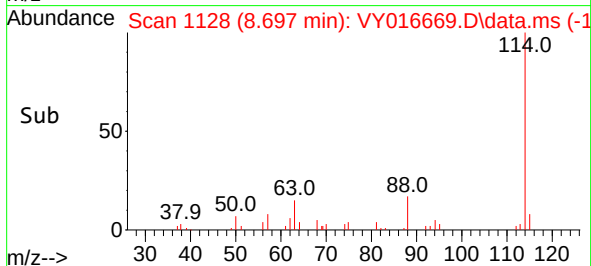
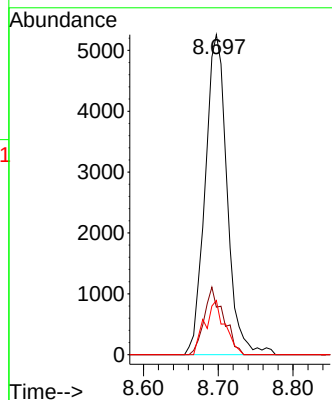
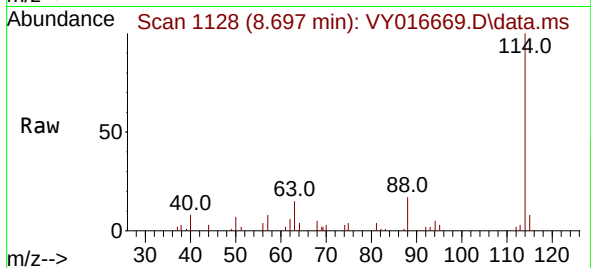
Tgt Ion:114 Resp: 10684

Ion Ratio Lower Upper

114 100

63 14.8 0.0 42.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.785 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.018 min

Lab File: VY016669.D

Acq: 16 Dec 2023 15:16

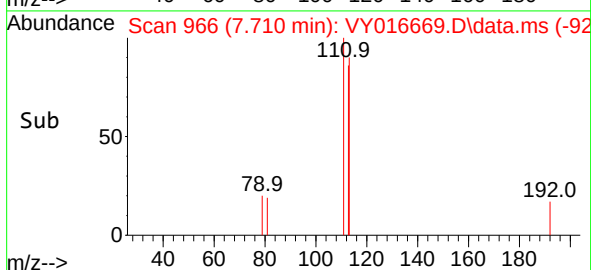
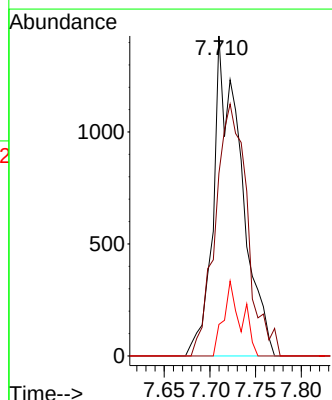
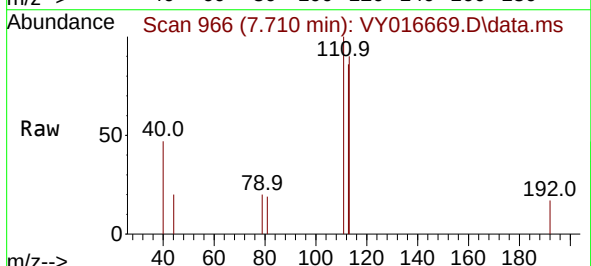
Tgt Ion:113 Resp: 3025

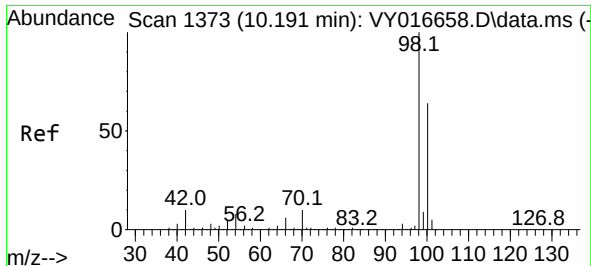
Ion Ratio Lower Upper

113 100

111 90.2 81.3 121.9

192 14.9 16.9 25.3#

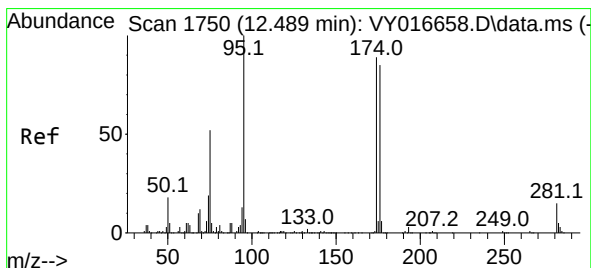
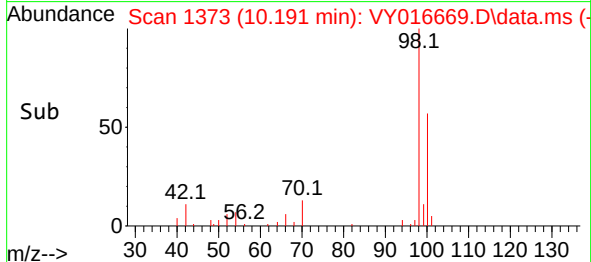
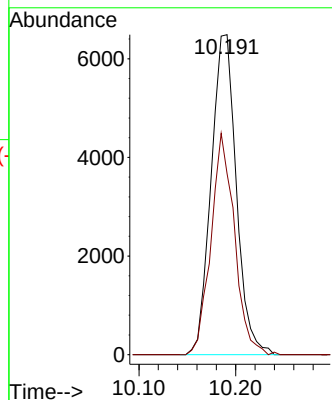
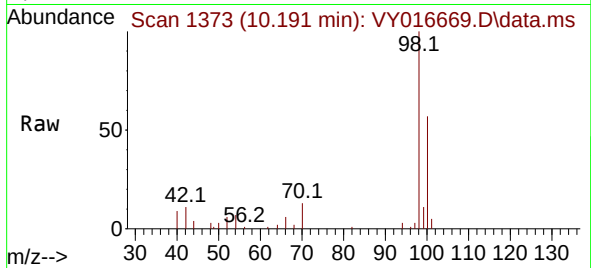




#50
Toluene-d8
Concen: 51.839 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016669.D
Acq: 16 Dec 2023 15:16

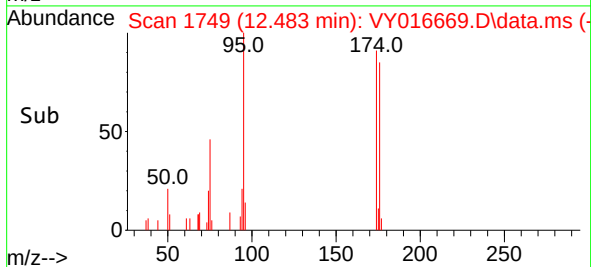
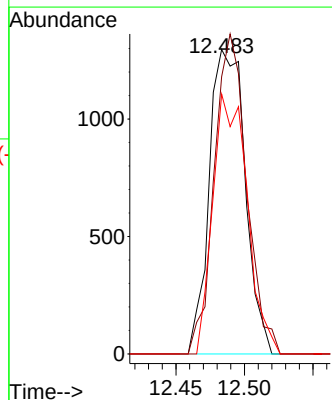
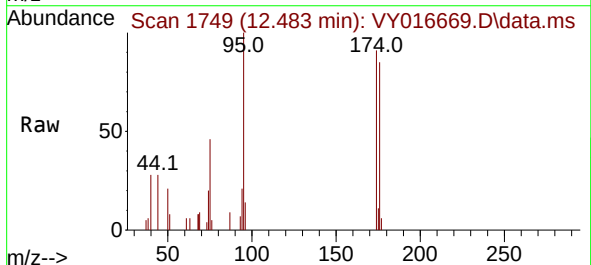
Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

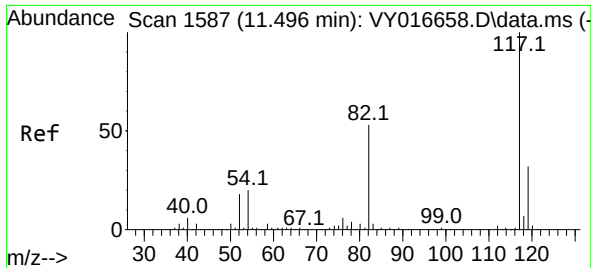
Tgt Ion: 98 Resp: 11731
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 32.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016669.D
Acq: 16 Dec 2023 15:16

Tgt Ion: 95 Resp: 2354
Ion Ratio Lower Upper
95 100
174 94.8 0.0 178.2
176 81.9 0.0 173.8

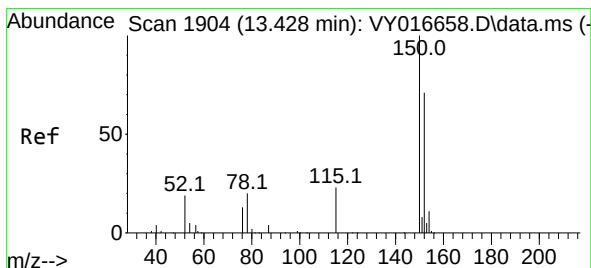
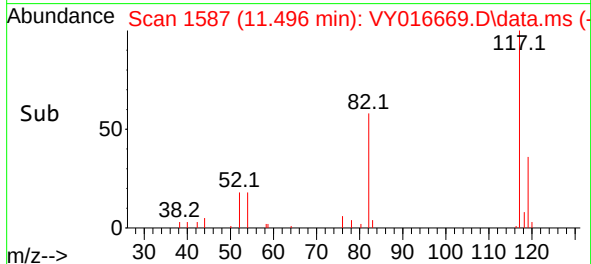
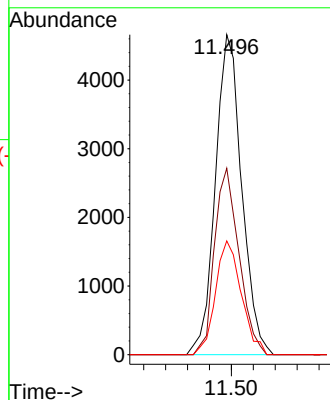
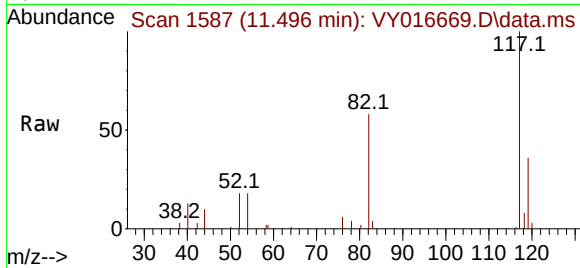




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016669.D
Acq: 16 Dec 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :
PE-7RE

Tgt Ion:117	Resp:	7782
Ion	Ratio	Lower Upper
117	100	
82	58.3	43.4 65.0
119	35.6	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: VY016669.D
Acq: 16 Dec 2023 15:16

Tgt Ion:152	Resp:	1769
Ion	Ratio	Lower Upper
152	100	
115	56.2	28.8 86.5
150	170.3	0.0 348.8

