

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016327.D
 Acq On : 13 Nov 2023 16:56
 Operator : SY/MD
 Sample : 05374-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21197

Quant Time: Nov 14 04:38:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

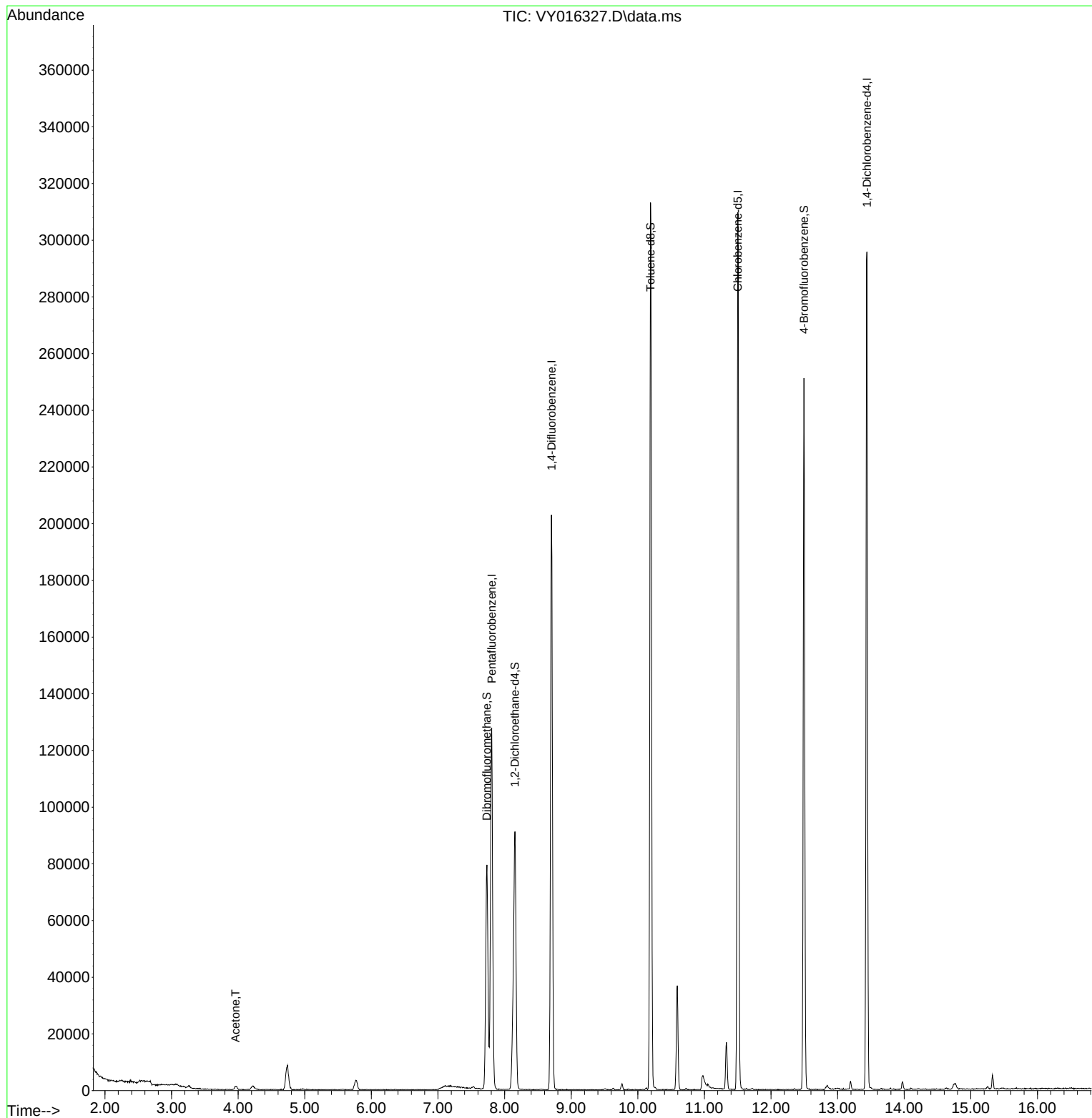
Internal Standards						
1) Pentafluorobenzene	7.807	168	99998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	179163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	78143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62864	68.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.560%
35) Dibromofluoromethane	7.734	113	56576	55.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.180%
50) Toluene-d8	10.191	98	209342	50.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.495	95	73025	54.478	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.960%
Target Compounds						
16) Acetone	3.960	43	2285	15.115	ug/l	Qvalue 98

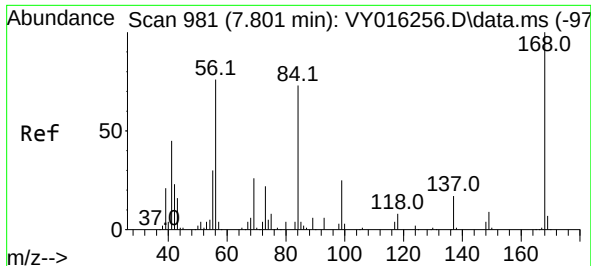
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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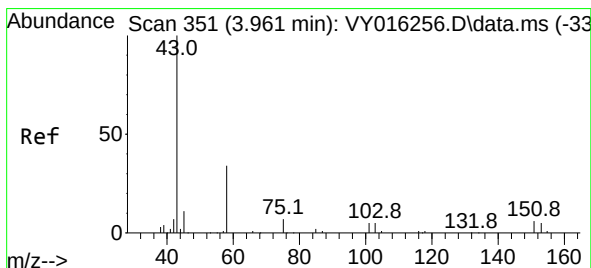
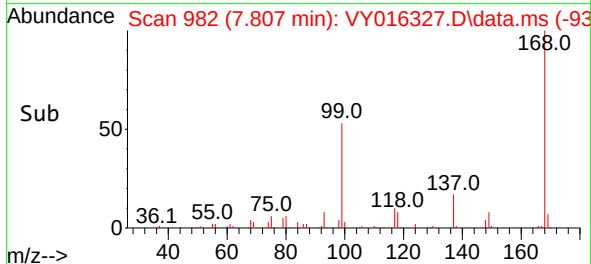
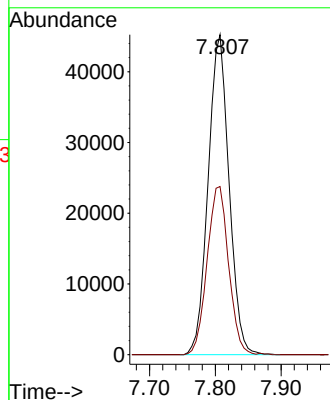
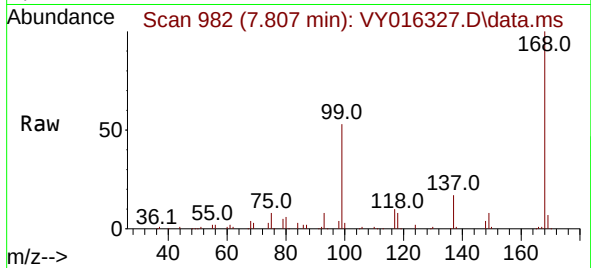




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

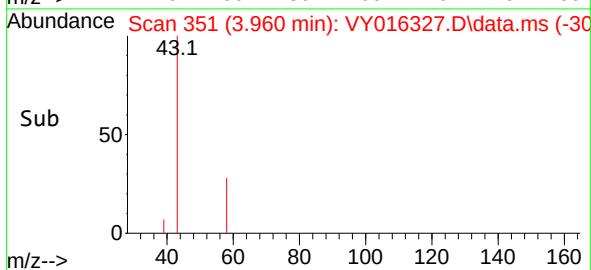
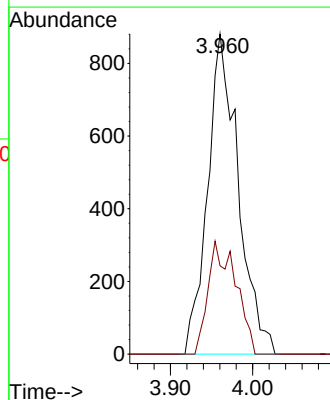
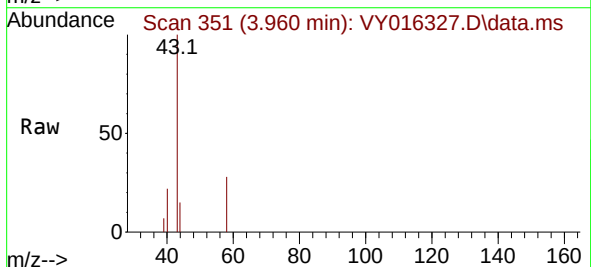
Instrument :
MSVOA_Y
ClientSampleId :
RB21197

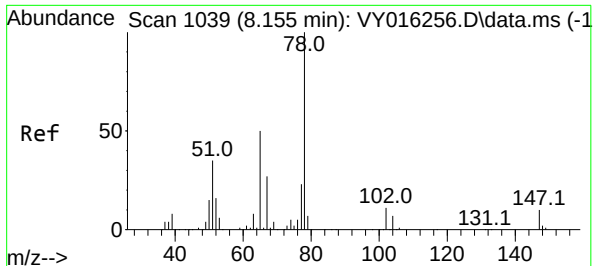
Tgt Ion:168 Resp: 99998
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#16
Acetone
Concen: 15.115 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 27.6 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 68.783 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016327.D

Acq: 13 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

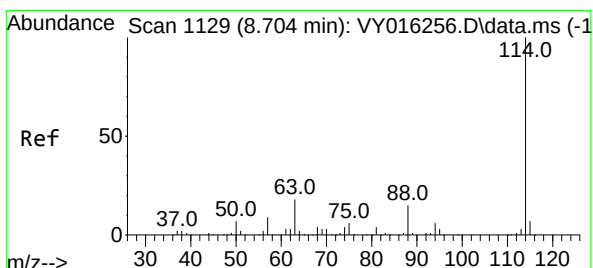
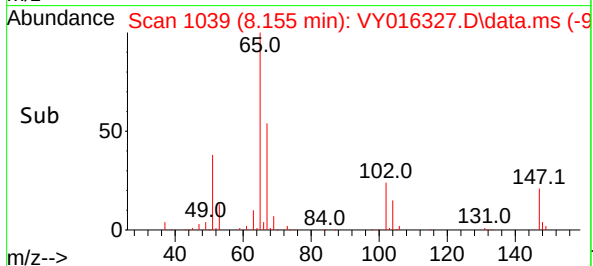
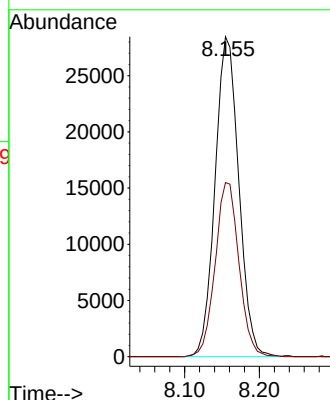
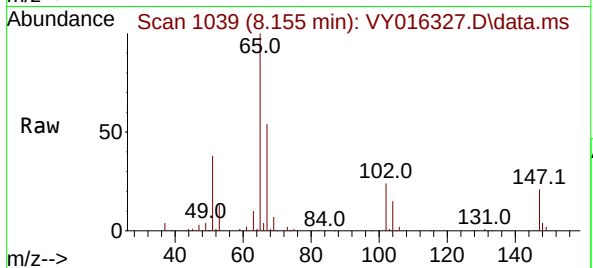
RB21197

Tgt Ion: 65 Resp: 62864

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016327.D

Acq: 13 Nov 2023 16:56

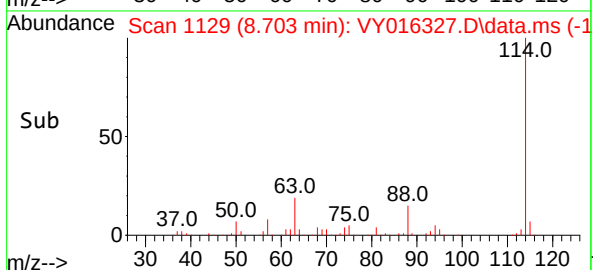
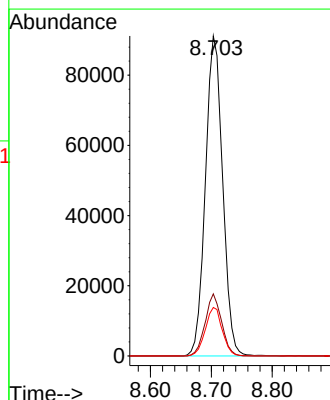
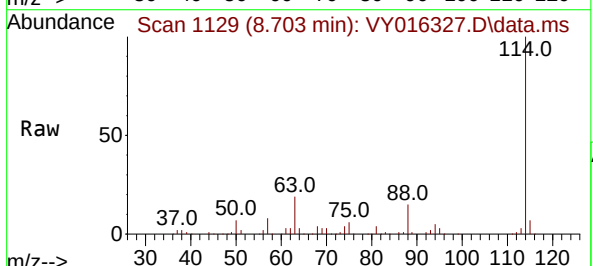
Tgt Ion:114 Resp: 179163

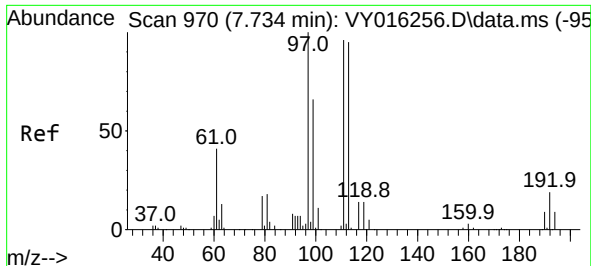
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.2 0.0 30.6

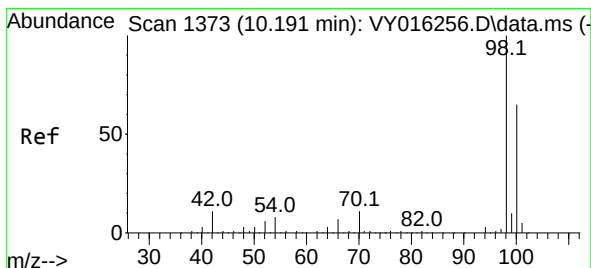
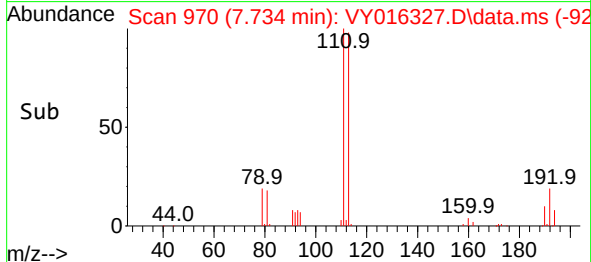
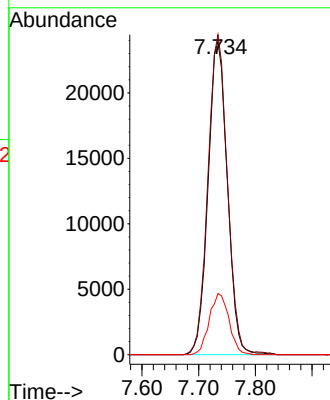
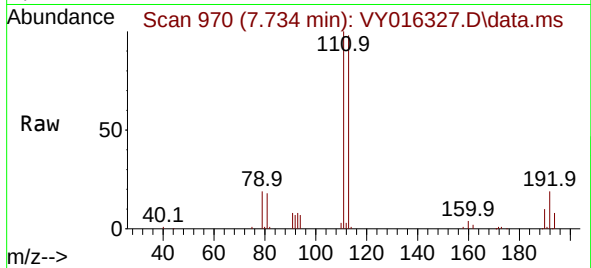




#35
Dibromofluoromethane
Concen: 55.589 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

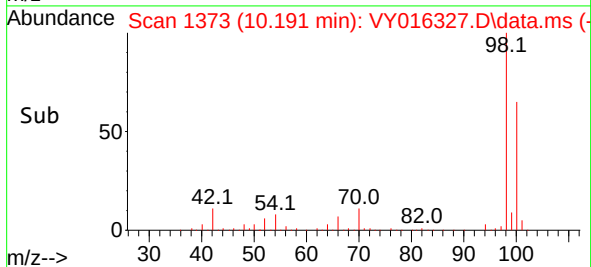
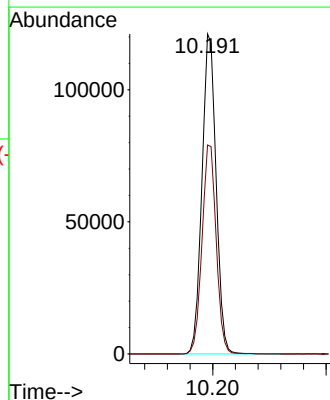
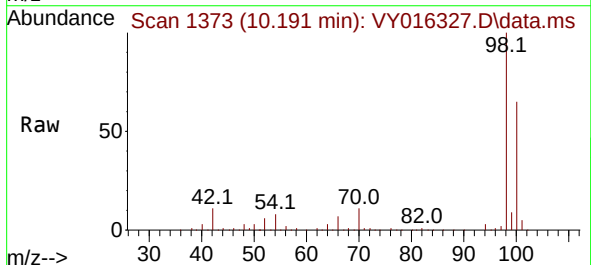
Instrument :
MSVOA_Y
ClientSampleId :
RB21197

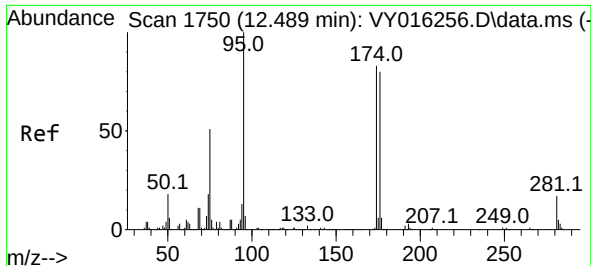
Tgt Ion:113 Resp: 56576
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 50.722 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

Tgt Ion: 98 Resp: 209342
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

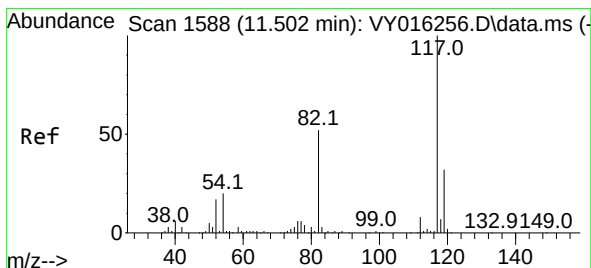
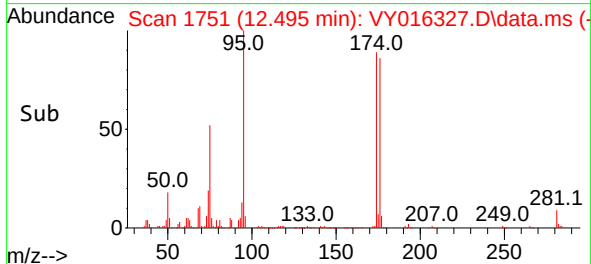
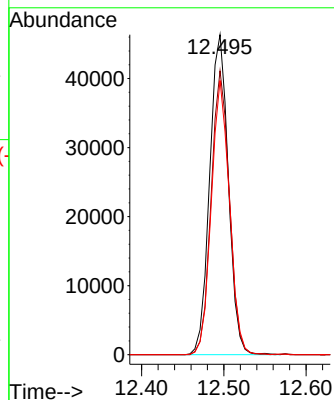
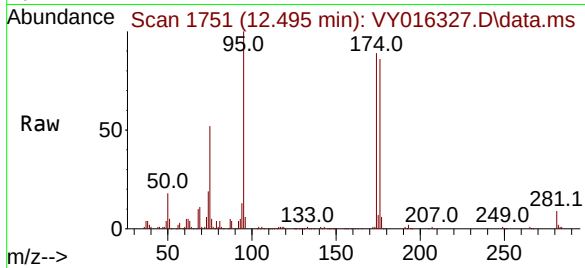




#62
4-Bromofluorobenzene
Concen: 54.478 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

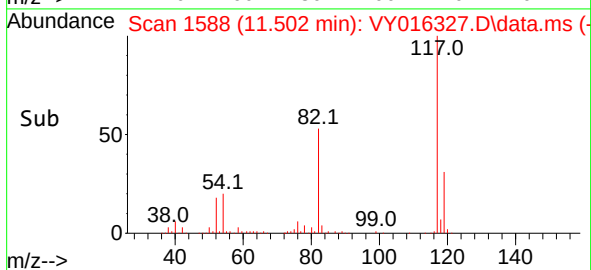
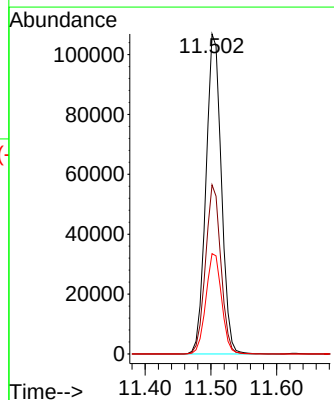
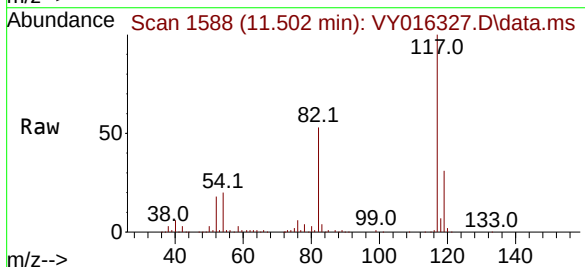
Instrument :
MSVOA_Y
ClientSampleId :
RB21197

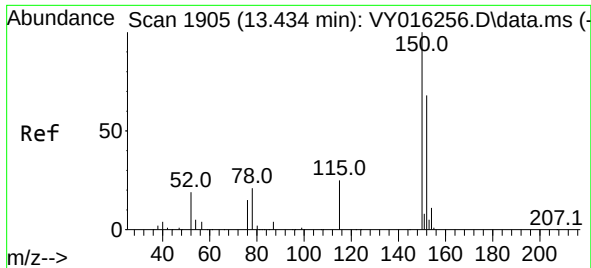
Tgt Ion: 95 Resp: 73025
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016327.D
Acq: 13 Nov 2023 16:56

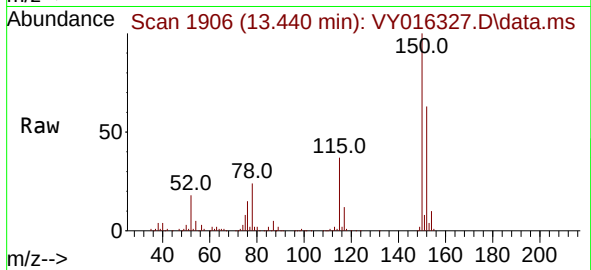
Tgt Ion: 117 Resp: 174162
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016327.D
 Acq: 13 Nov 2023 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21197



Tgt Ion:152 Resp: 78143
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.8 86.5
 150 159.4 0.0 348.8

