

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016211.D
 Acq On : 03 Nov 2023 13:36
 Operator : SY/MD
 Sample : 05234-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-B

Quant Time: Nov 03 23:02:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

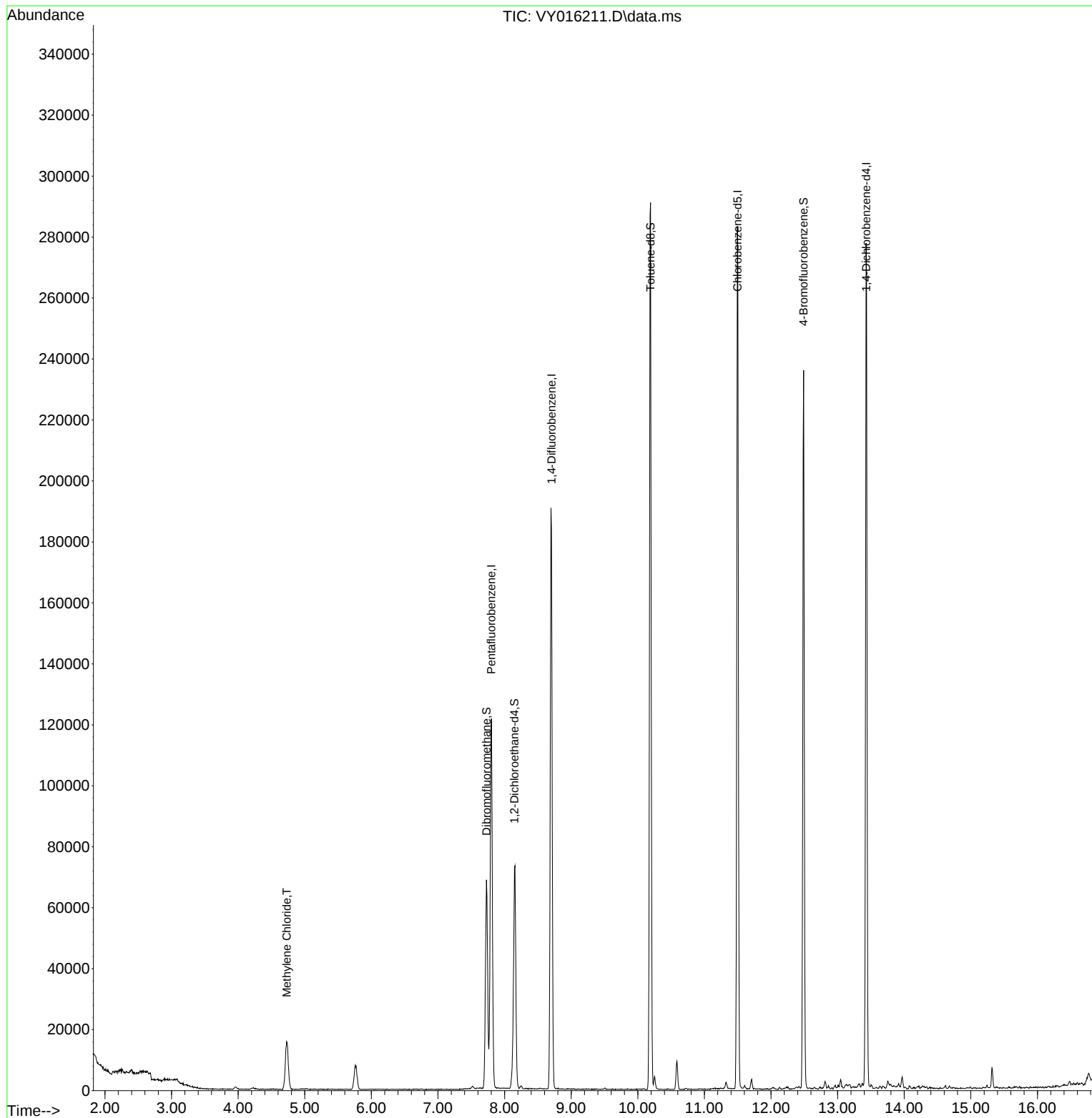
Internal Standards						
1) Pentafluorobenzene	7.801	168	95857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	167957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	158153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	54819	61.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.240%
35) Dibromofluoromethane	7.728	113	47364	47.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.600%
50) Toluene-d8	10.191	98	195506	49.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.489	95	67322	49.592	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.180%
Target Compounds						Qvalue
20) Methylene Chloride	4.728	84	12424	11.258	ug/l	# 88

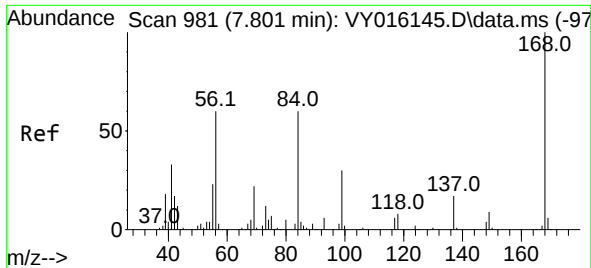
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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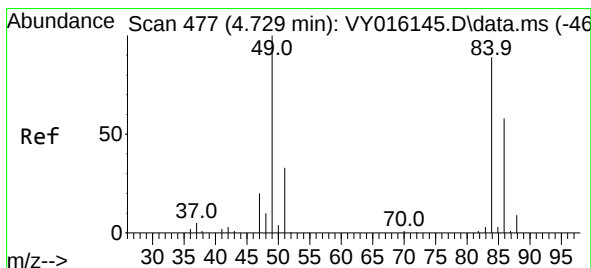
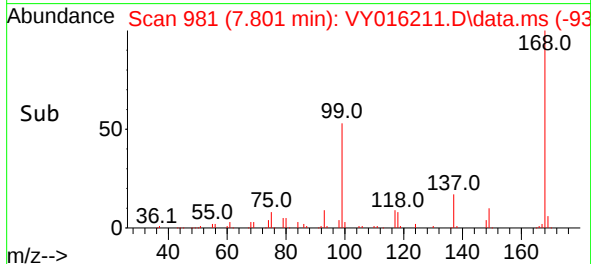
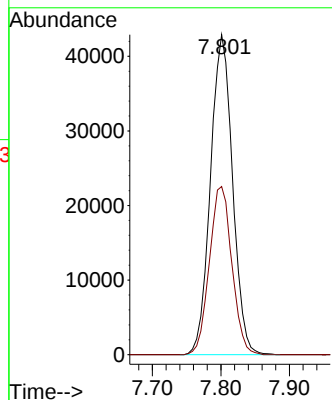
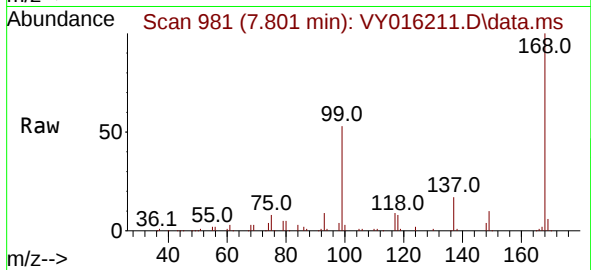




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016211.D
Acq: 03 Nov 2023 13:36

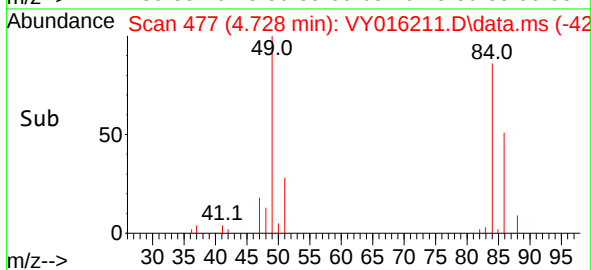
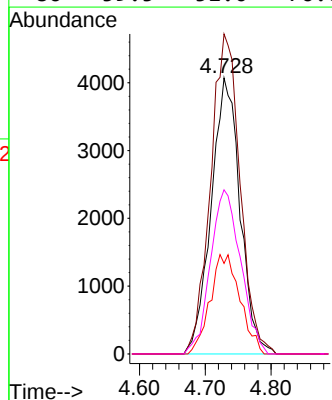
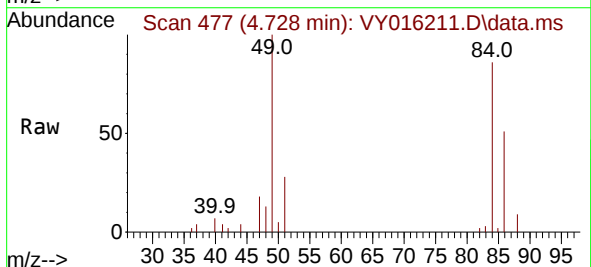
Instrument :
MSVOA_Y
ClientSampleId :
SP-B

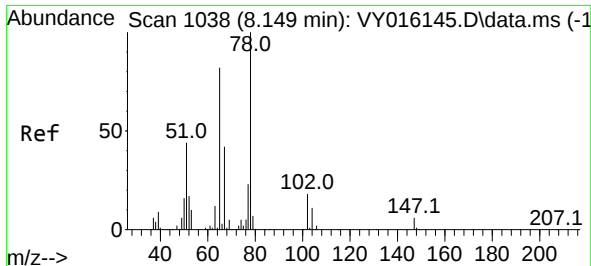
Tgt Ion:168 Resp: 95857
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#20
Methylene Chloride
Concen: 11.258 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016211.D
Acq: 03 Nov 2023 13:36

Tgt Ion: 84 Resp: 12424
Ion Ratio Lower Upper
84 100
49 115.9 106.9 160.3
51 32.8 33.2 49.8#
86 59.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 61.116 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016211.D

Acq: 03 Nov 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

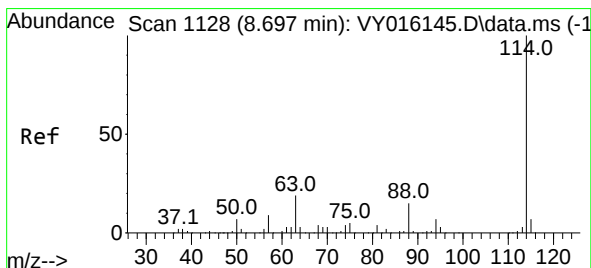
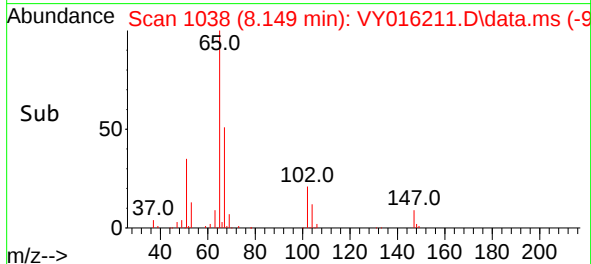
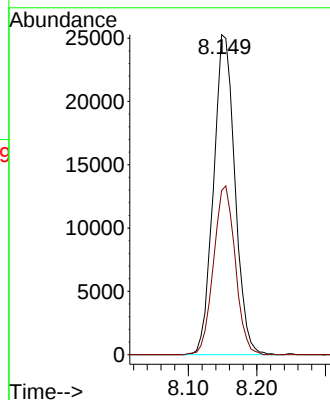
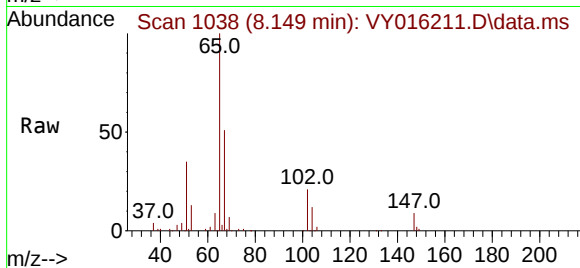
SP-B

Tgt Ion: 65 Resp: 54819

Ion Ratio Lower Upper

65 100

67 53.3 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: VY016211.D

Acq: 03 Nov 2023 13:36

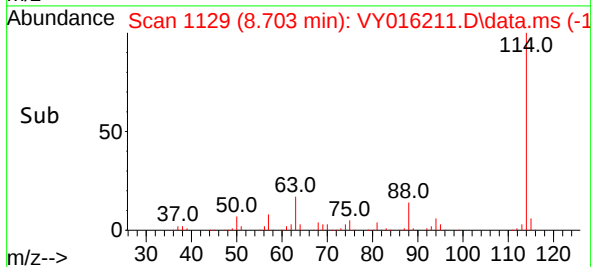
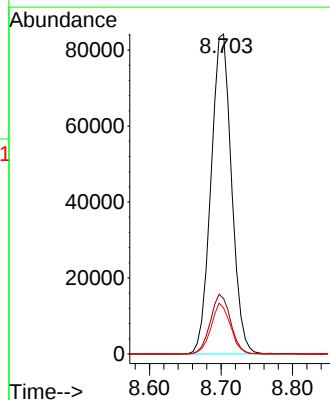
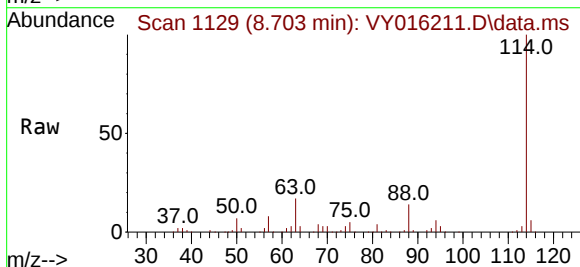
Tgt Ion: 114 Resp: 167957

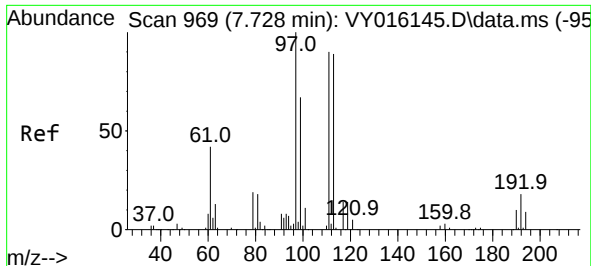
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 14.4 0.0 30.6

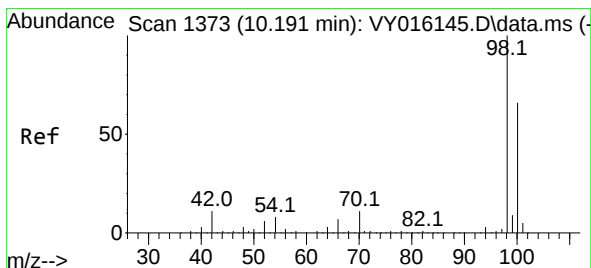
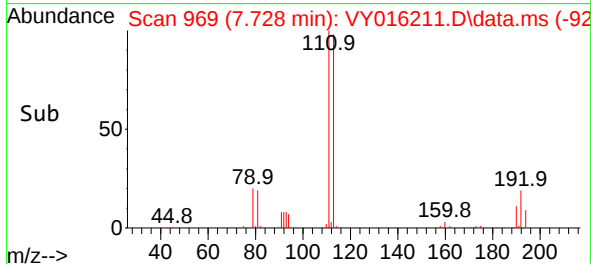
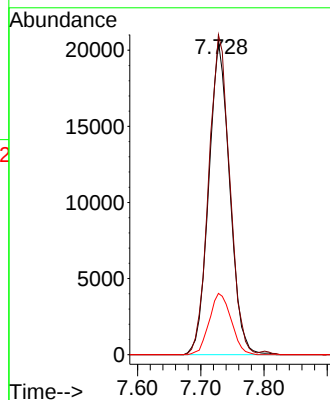
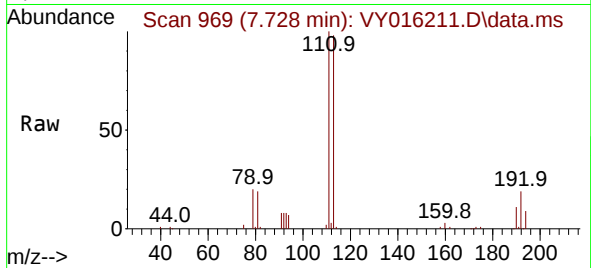




#35
Dibromofluoromethane
Concen: 47.302 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016211.D
Acq: 03 Nov 2023 13:36

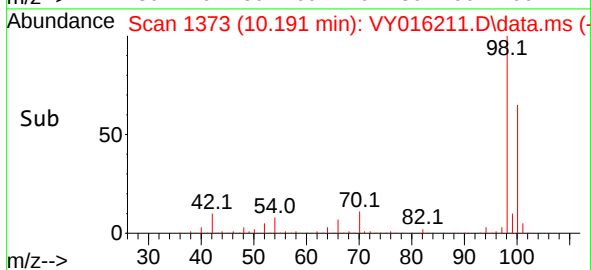
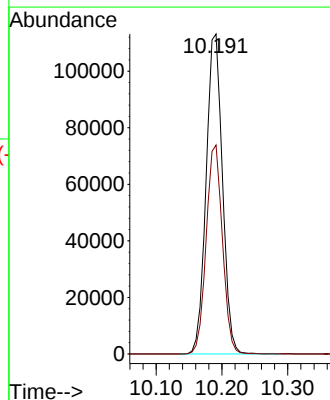
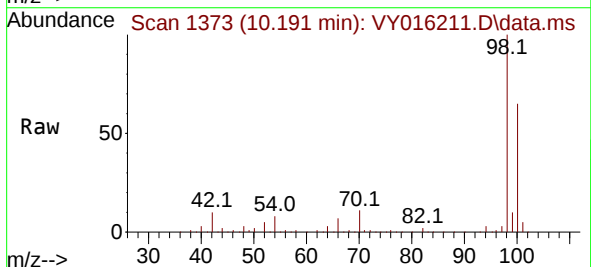
Instrument :
MSVOA_Y
ClientSampleId :
SP-B

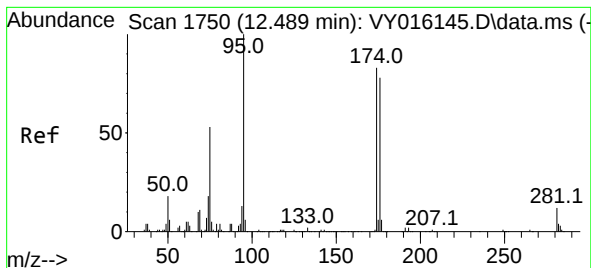
Tgt Ion:113 Resp: 47364
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 20.5 16.9 25.3



#50
Toluene-d8
Concen: 49.246 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016211.D
Acq: 03 Nov 2023 13:36

Tgt Ion: 98 Resp: 195506
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

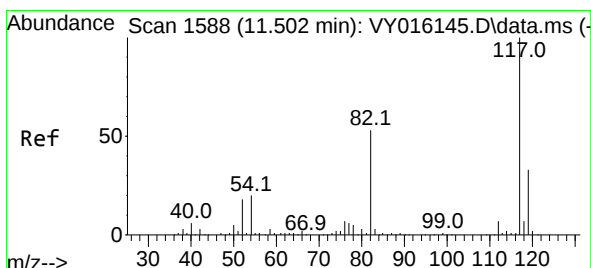
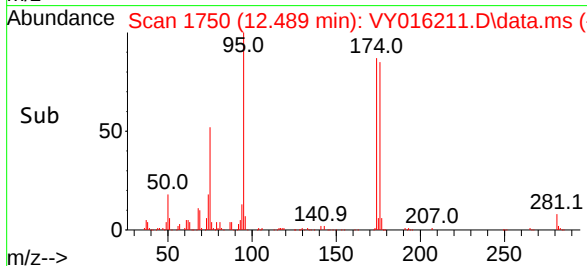
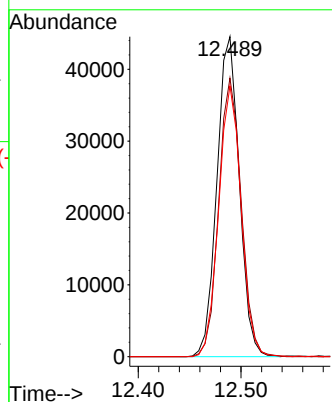
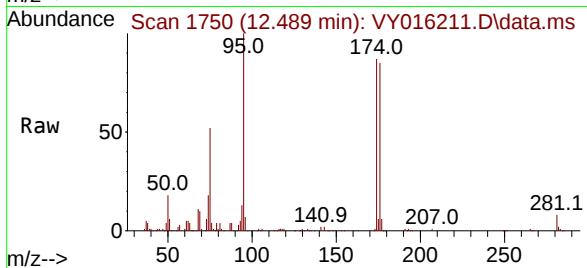




#62
4-Bromofluorobenzene
Concen: 49.592 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016211.D
Acq: 03 Nov 2023 13:36

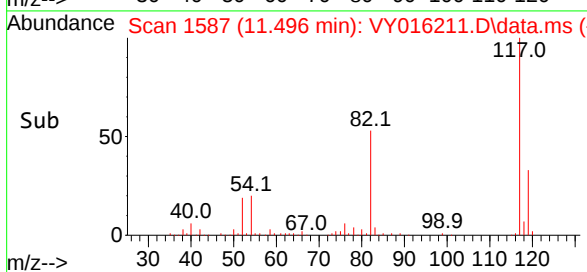
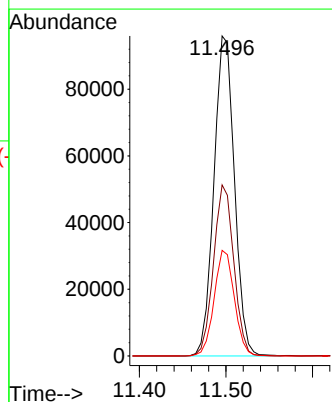
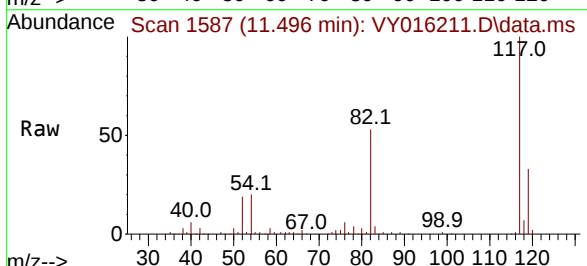
Instrument :
MSVOA_Y
ClientSampleId :
SP-B

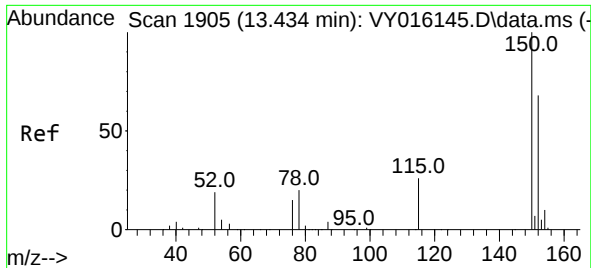
Tgt Ion: 95 Resp: 67322
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.2
176 84.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016211.D
Acq: 03 Nov 2023 13:36

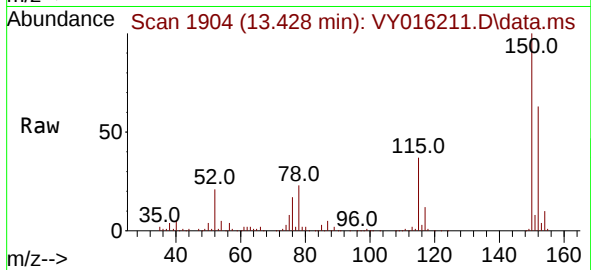
Tgt Ion: 117 Resp: 158153
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 33.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016211.D
 Acq: 03 Nov 2023 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-B



Tgt Ion:	152	Resp:	72278
Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.8	86.5
150	157.9	0.0	348.8

