

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016564.D
 Acq On : 01 Dec 2023 16:36
 Operator : SY/MD
 Sample : 05602-01
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPRING-VALLEY-TP-1

Quant Time: Dec 01 23:39:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

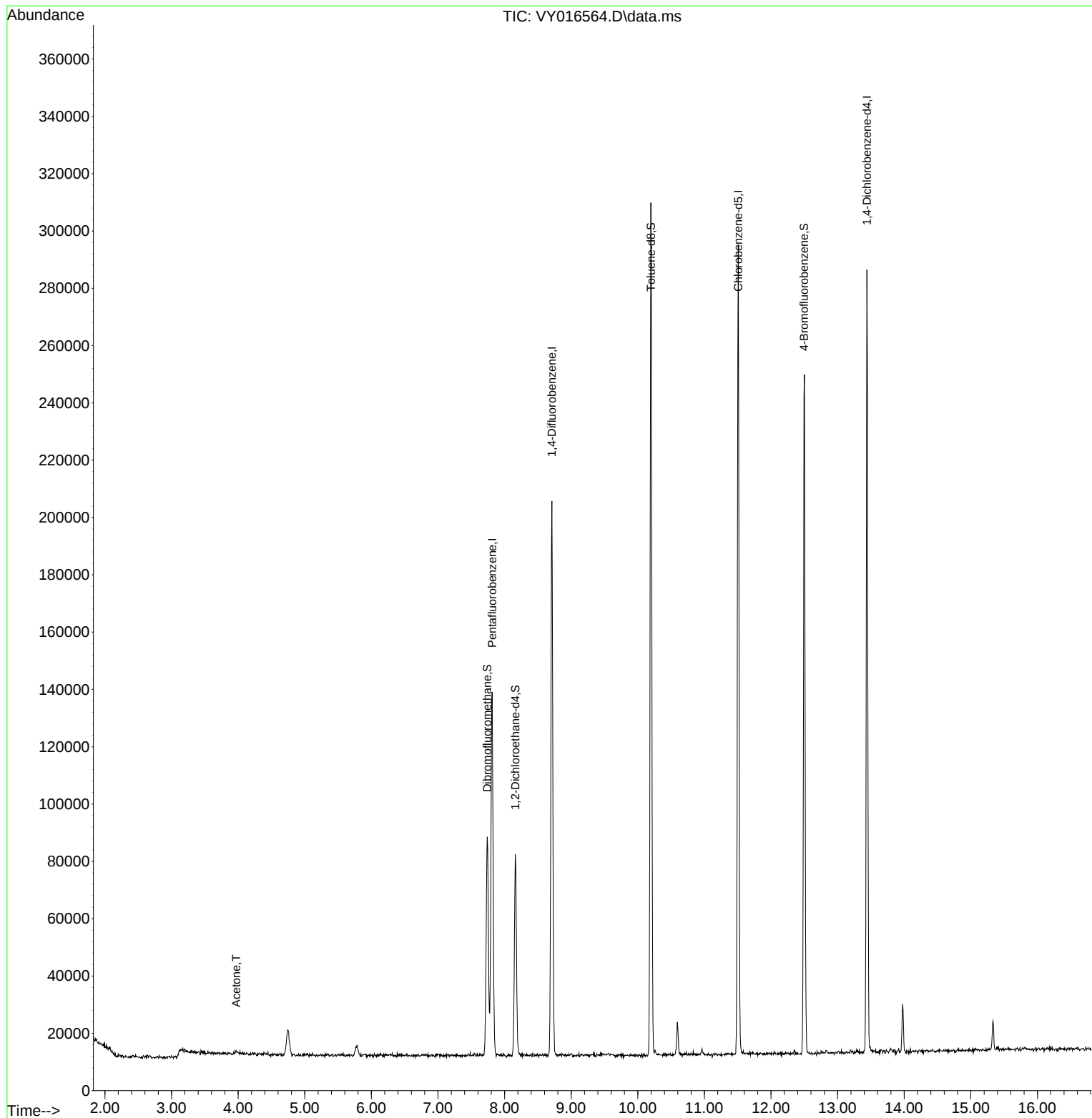
Internal Standards						
1) Pentafluorobenzene	7.813	168	105706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	179567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	170993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	76929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56625	67.804	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.600%
35) Dibromofluoromethane	7.740	113	55757	52.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.820%
50) Toluene-d8	10.197	98	204622	50.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.495	95	69806	54.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.880%
Target Compounds						Qvalue
16) Acetone	3.973	43	1421	13.257	ug/l	# 74

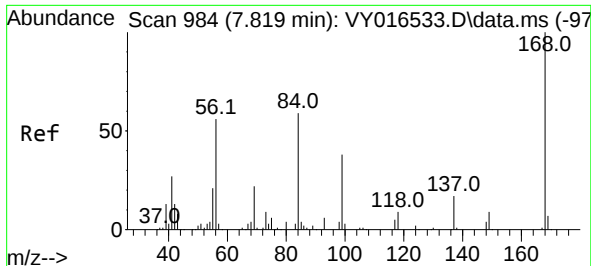
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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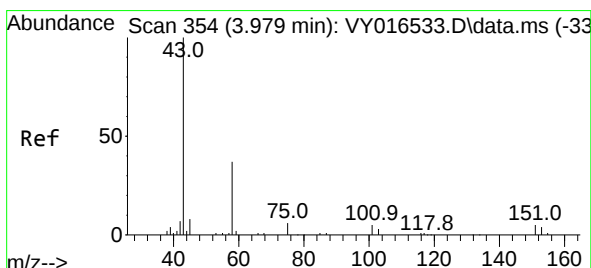
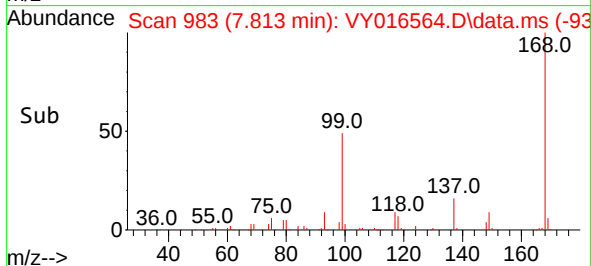
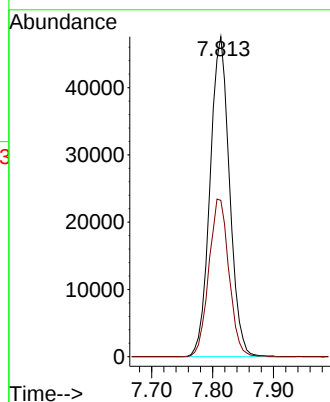
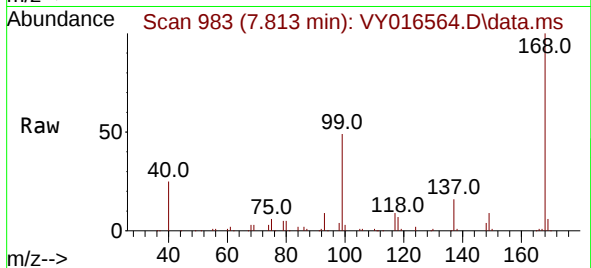




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36

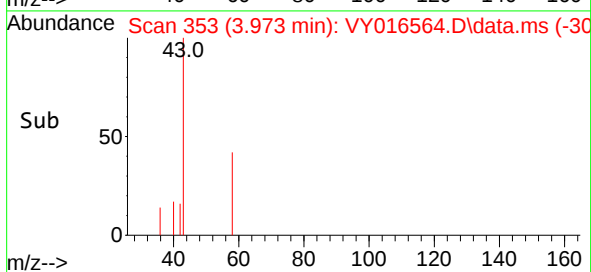
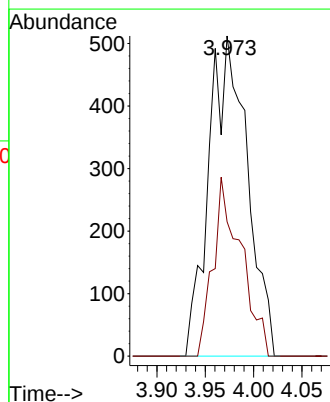
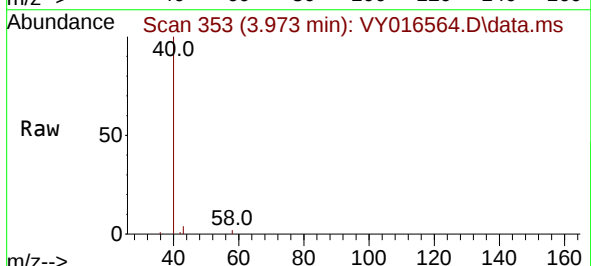
Instrument :
MSVOA_Y
ClientSampleId :
SPRING-VALLEY-TP-1

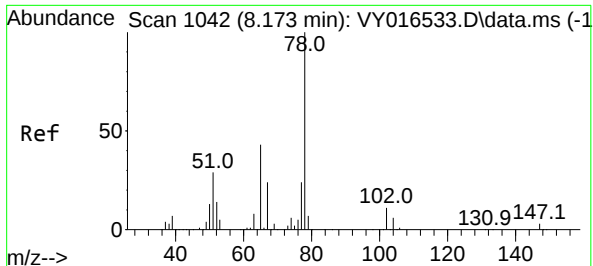
Tgt Ion:168 Resp: 105706
Ion Ratio Lower Upper
168 100
99 48.8 43.4 65.0



#16
Acetone
Concen: 13.257 ug/l
RT: 3.973 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36

Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 42.0 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 67.804 ug/l

RT: 8.161 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

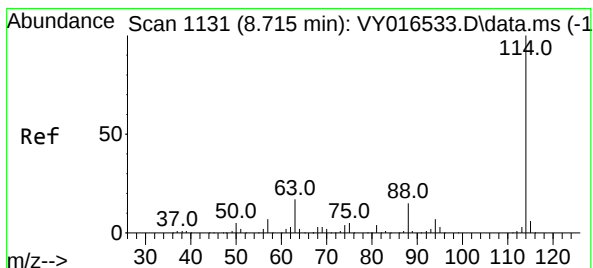
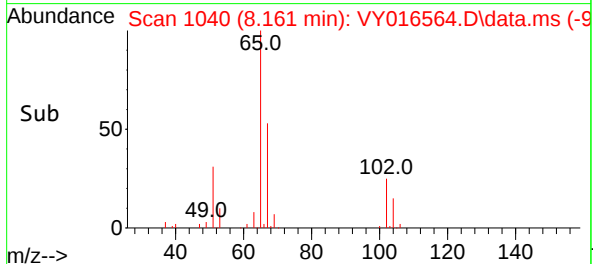
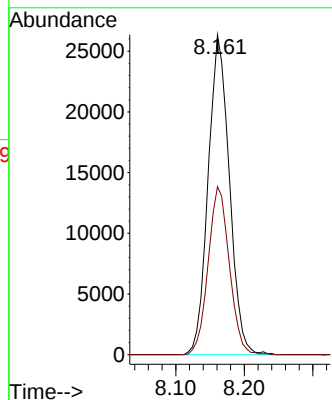
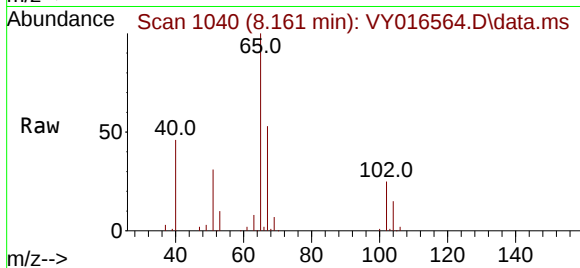
SPRING-VALLEY-TP-1

Tgt Ion: 65 Resp: 56625

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

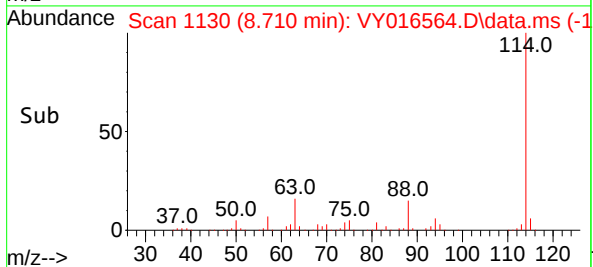
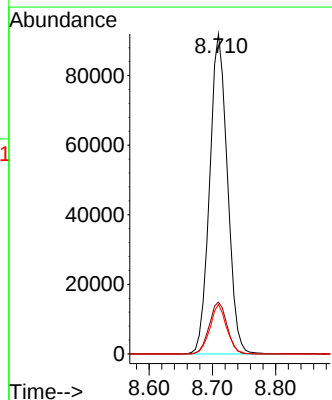
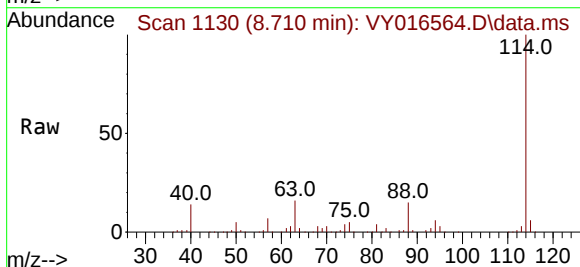
Tgt Ion: 114 Resp: 179567

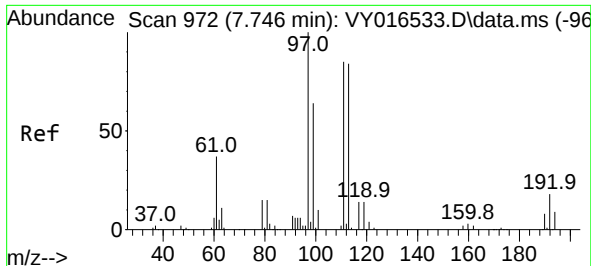
Ion Ratio Lower Upper

114 100

63 16.2 0.0 42.4

88 15.5 0.0 30.6

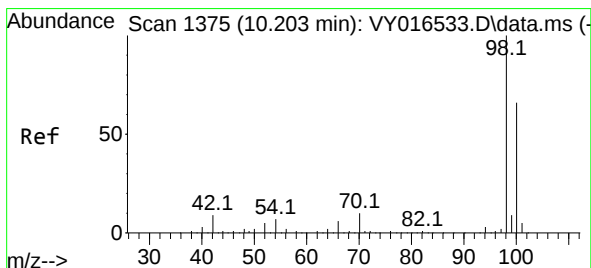
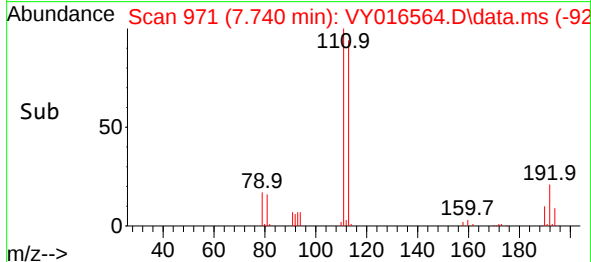
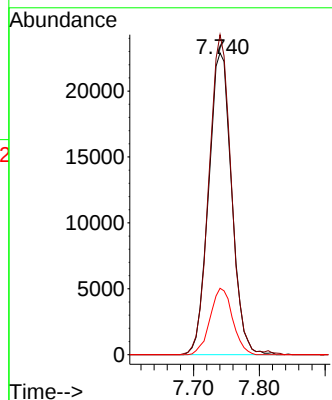
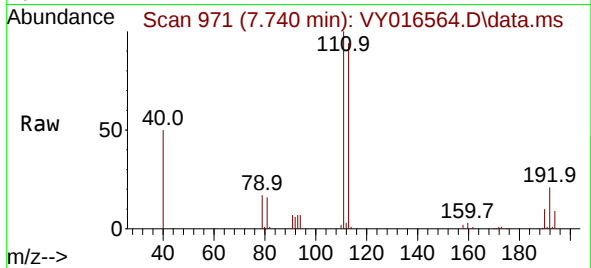




#35
Dibromofluoromethane
Concen: 52.906 ug/l
RT: 7.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36

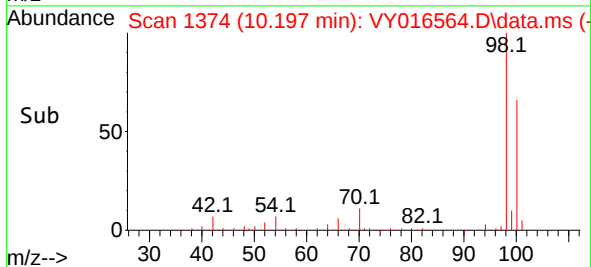
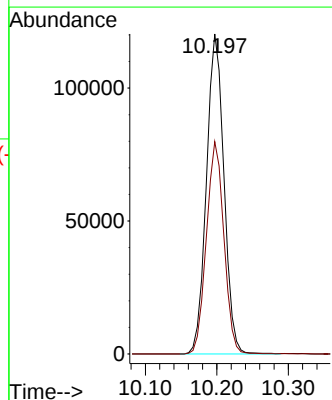
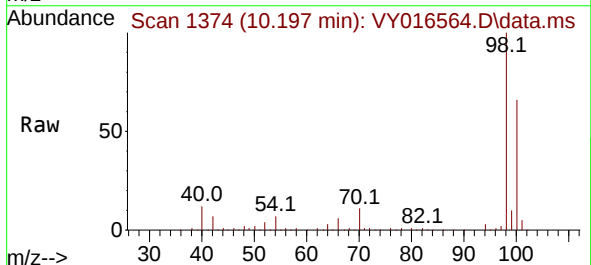
Instrument :
MSVOA_Y
ClientSampleId :
SPRING-VALLEY-TP-1

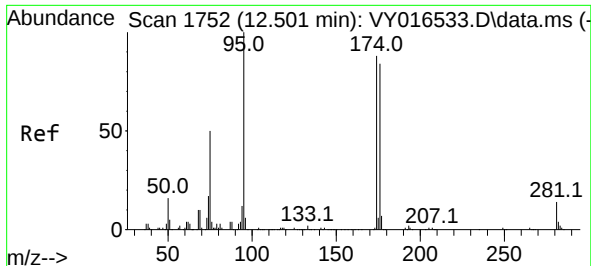
Tgt Ion:113 Resp: 55757
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 21.5 16.9 25.3



#50
Toluene-d8
Concen: 50.060 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. -0.006 min
Lab File: VY016564.D
Acq: 01 Dec 2023 16:36

Tgt Ion: 98 Resp: 204622
Ion Ratio Lower Upper
98 100
100 66.4 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 54.439 ug/l

RT: 12.495 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

SPRING-VALLEY-TP-1

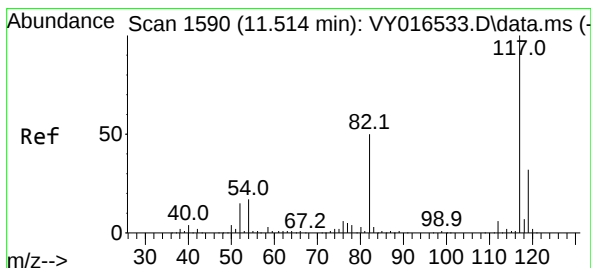
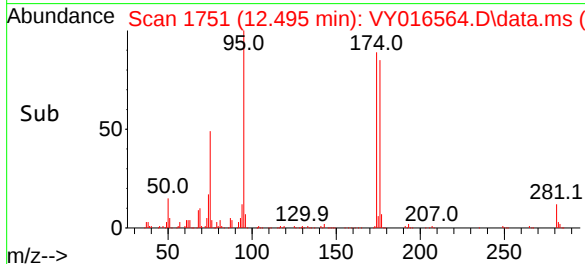
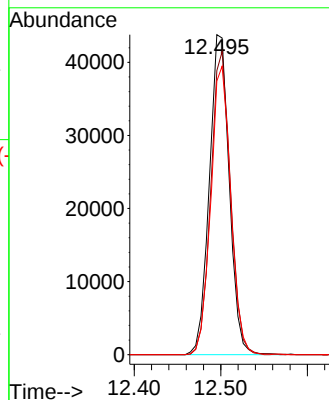
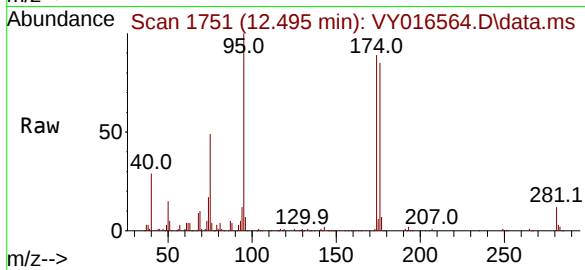
Tgt Ion: 95 Resp: 69806

Ion Ratio Lower Upper

95 100

174 94.1 0.0 178.2

176 90.6 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. -0.006 min

Lab File: VY016564.D

Acq: 01 Dec 2023 16:36

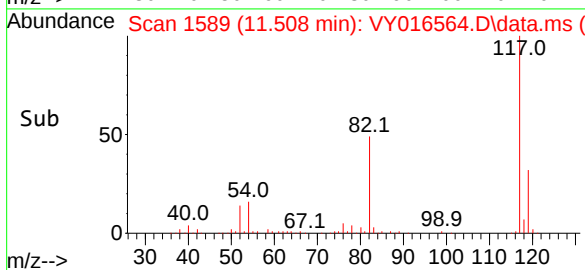
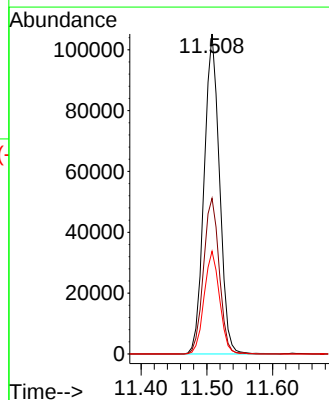
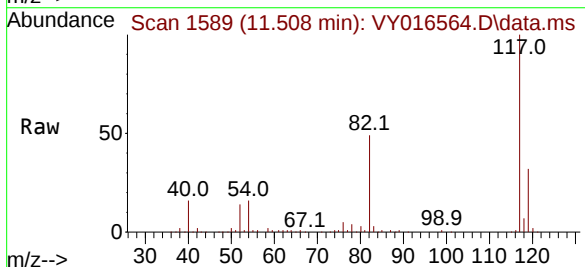
Tgt Ion: 117 Resp: 170993

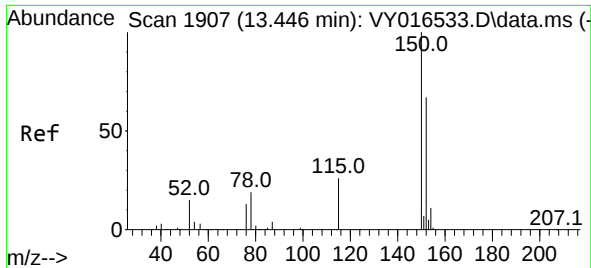
Ion Ratio Lower Upper

117 100

82 48.7 43.4 65.0

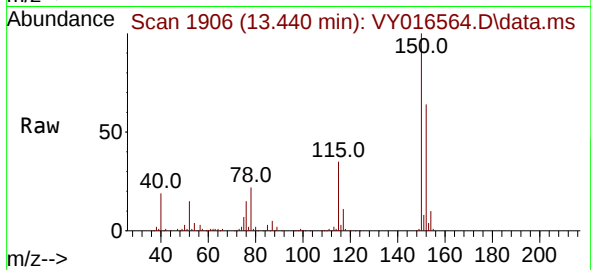
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY016564.D
 Acq: 01 Dec 2023 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPRING-VALLEY-TP-1



Tgt Ion:	152	Resp:	76929
Ion Ratio	Lower	Upper	
152	100		
115	55.8	28.8	86.5
150	157.0	0.0	348.8

