

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016462.D
 Acq On : 22 Nov 2023 15:10
 Operator : SY/MD
 Sample : 05294-05
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WT-5

Quant Time: Nov 23 04:23:03 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)

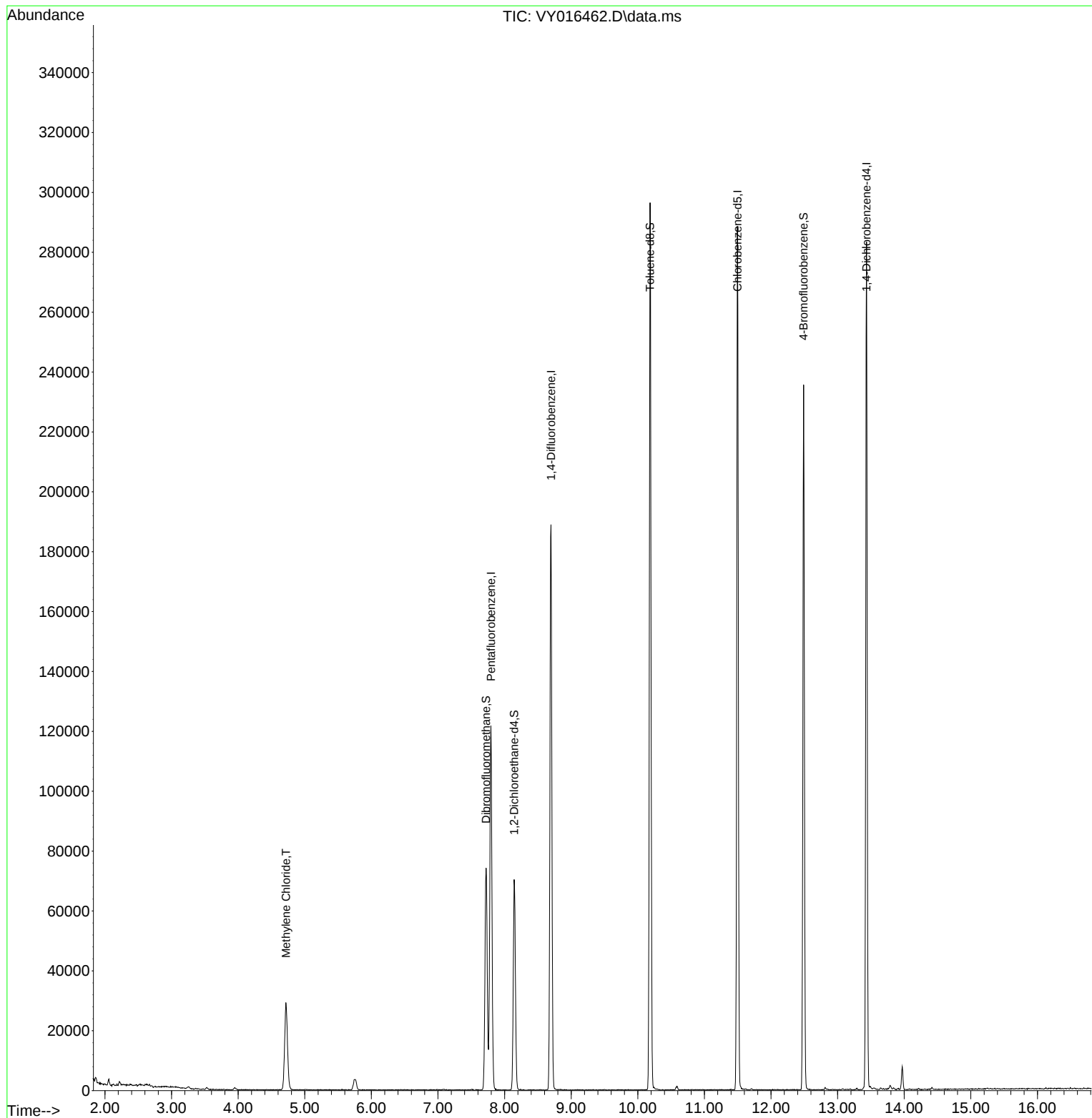
Internal Standards						
1) Pentafluorobenzene	7.795	168	98558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	165252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56466	62.686	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.380%	
35) Dibromofluoromethane	7.722	113	54524	55.605	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.200%	
50) Toluene-d8	10.185	98	202303	50.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.489	95	69572	53.870	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.740%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	23044	19.789	ug/l #	86

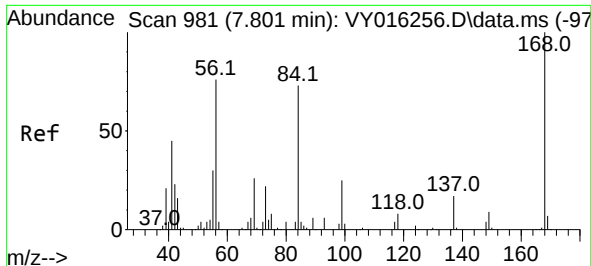
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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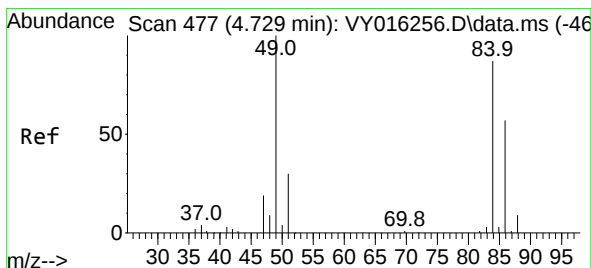
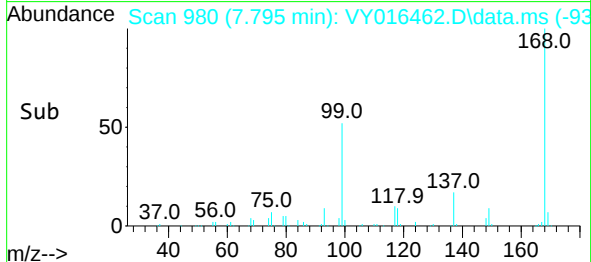
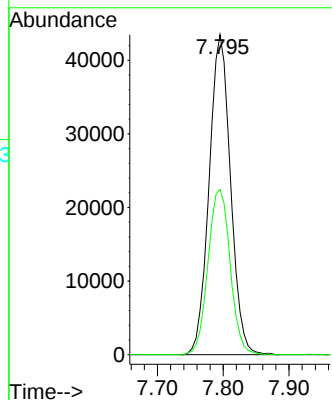
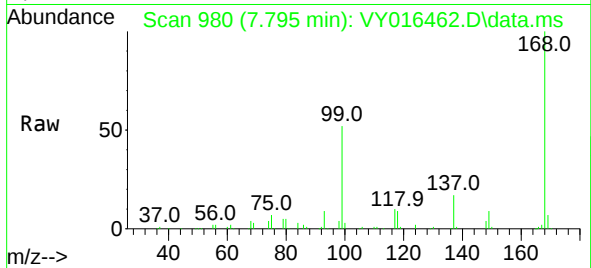




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

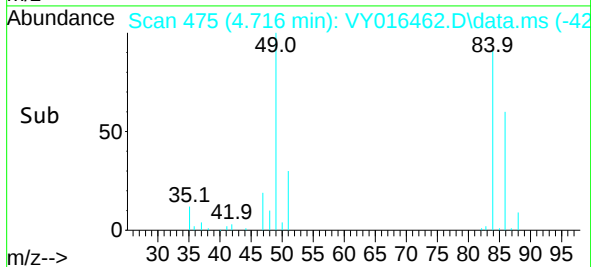
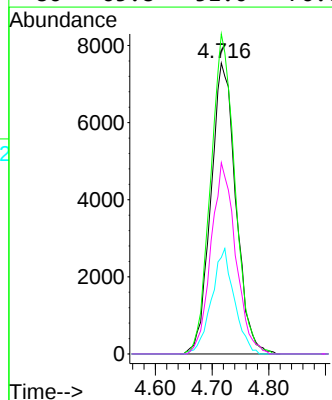
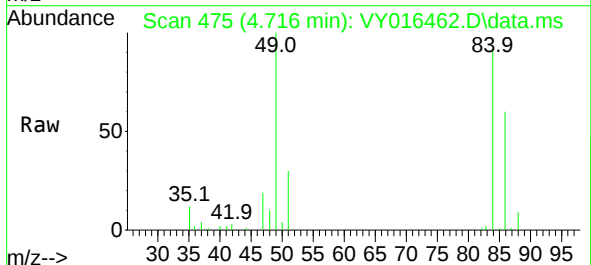
Instrument :
MSVOA_Y
ClientSampleId :
WT-5

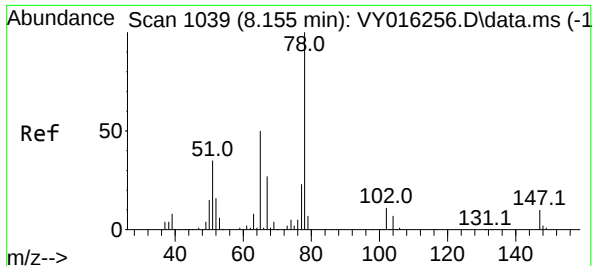
Tgt Ion:168 Resp: 98558
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#20
Methylene Chloride
Concen: 19.789 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

Tgt Ion: 84 Resp: 23044
Ion Ratio Lower Upper
84 100
49 110.0 106.9 160.3
51 33.2 33.2 49.8#
86 65.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.686 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016462.D

Acq: 22 Nov 2023 15:10

Instrument :

MSVOA_Y

ClientSampleId :

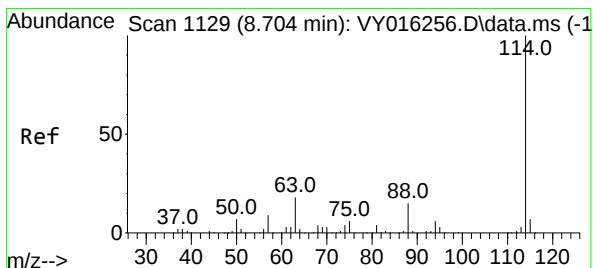
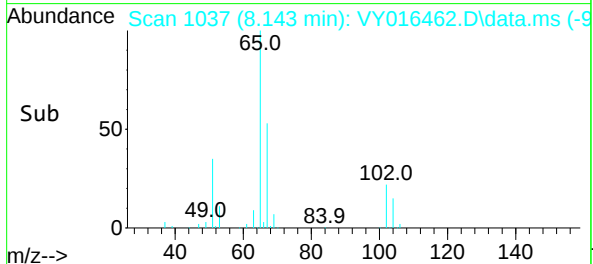
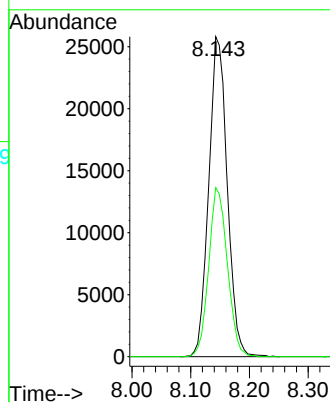
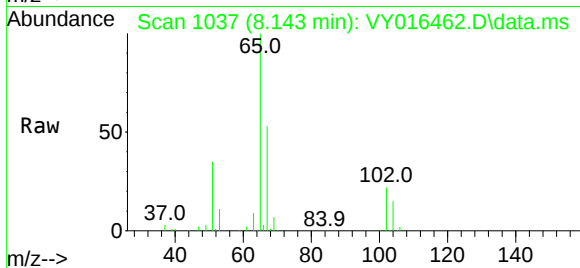
WT-5

Tgt Ion: 65 Resp: 56466

Ion Ratio Lower Upper

65 100

67 53.3 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: VY016462.D

Acq: 22 Nov 2023 15:10

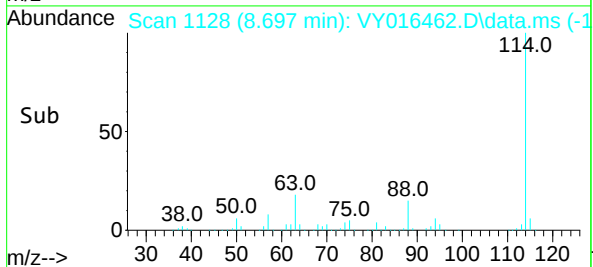
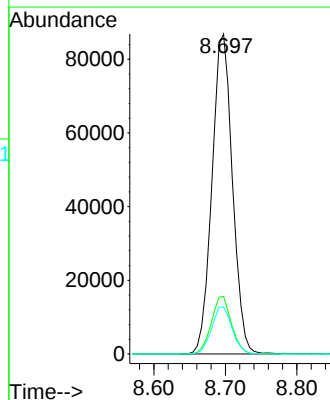
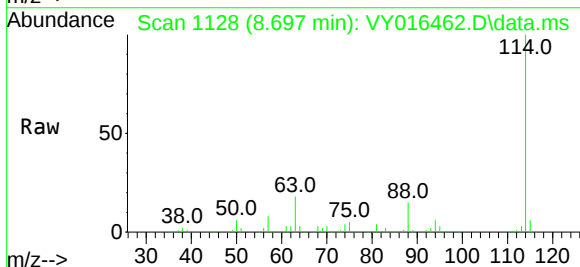
Tgt Ion: 114 Resp: 172616

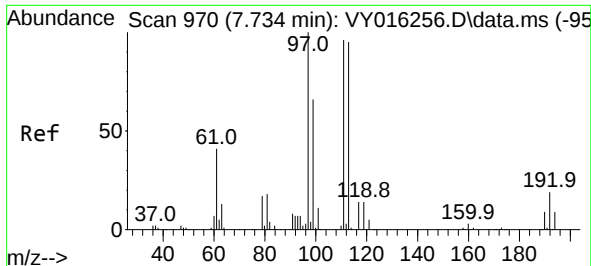
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.7 0.0 30.6

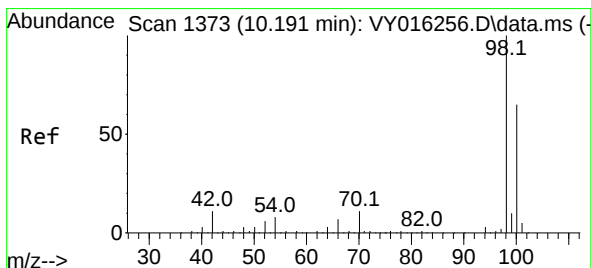
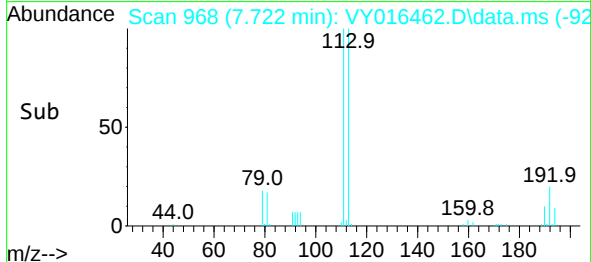
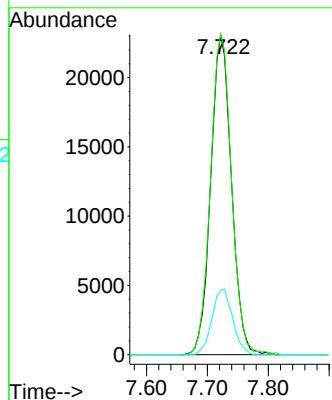
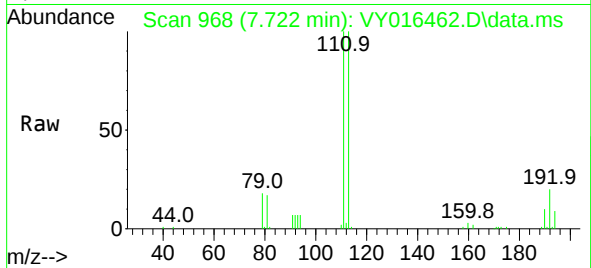




#35
Dibromofluoromethane
Concen: 55.605 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

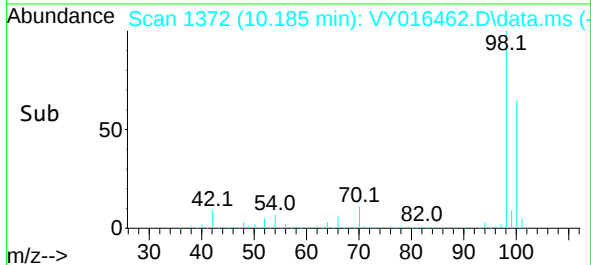
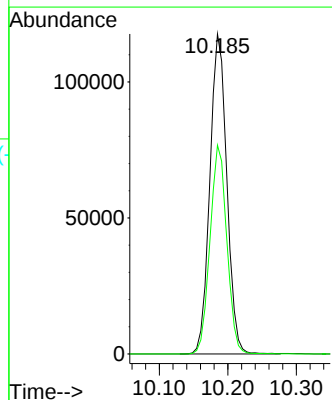
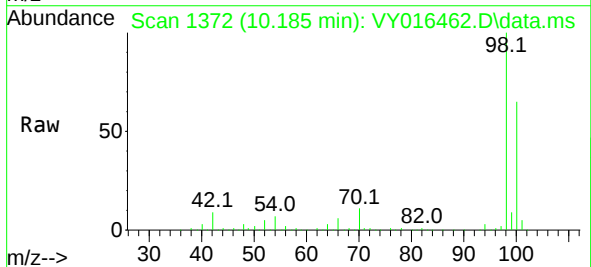
Instrument :
MSVOA_Y
ClientSampleId :
WT-5

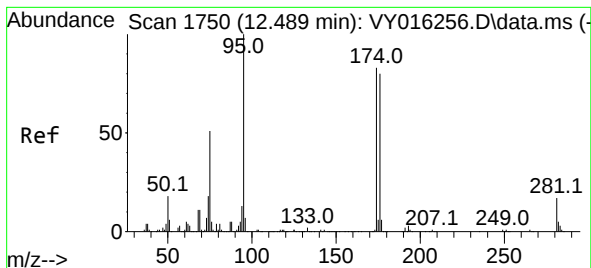
Tgt Ion:113 Resp: 54524
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.4 16.9 25.3



#50
Toluene-d8
Concen: 50.876 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

Tgt Ion: 98 Resp: 202303
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

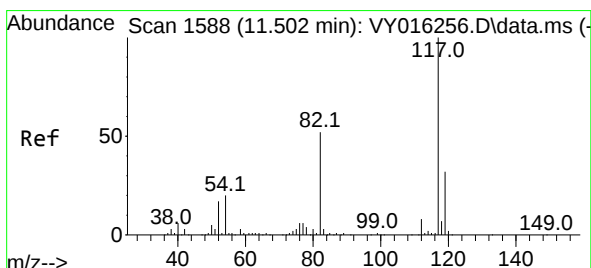
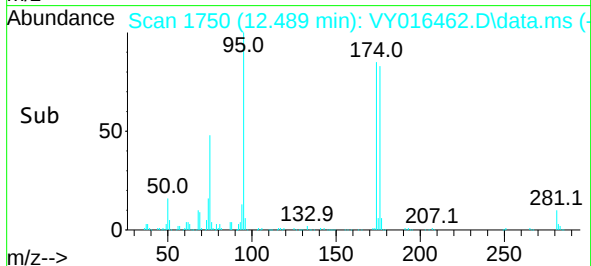
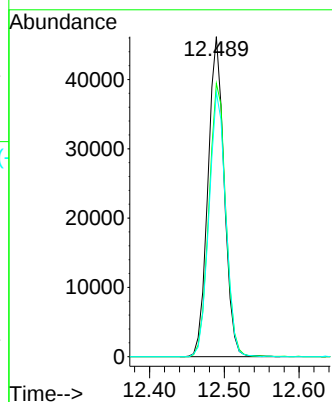
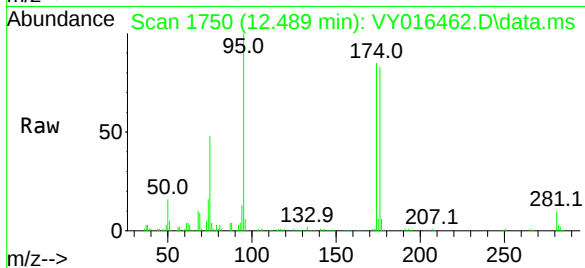




#62
4-Bromofluorobenzene
Concen: 53.870 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

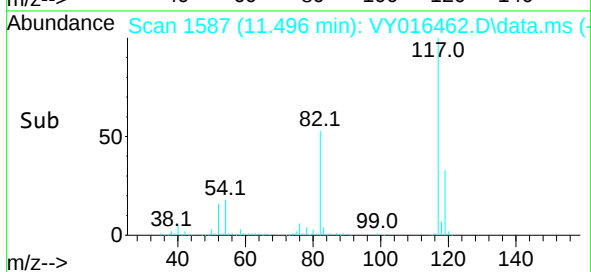
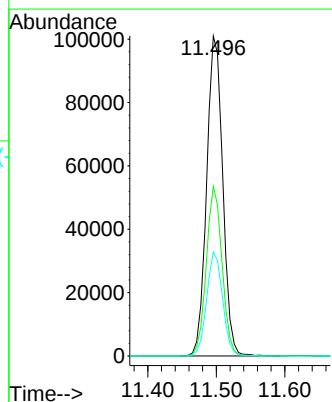
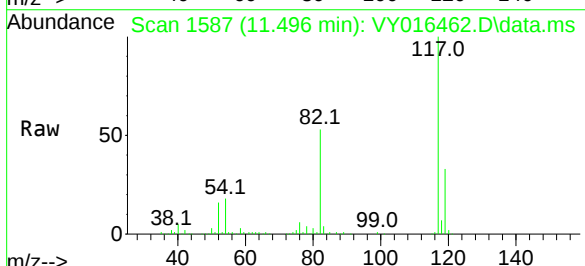
Instrument :
MSVOA_Y
ClientSampleId :
WT-5

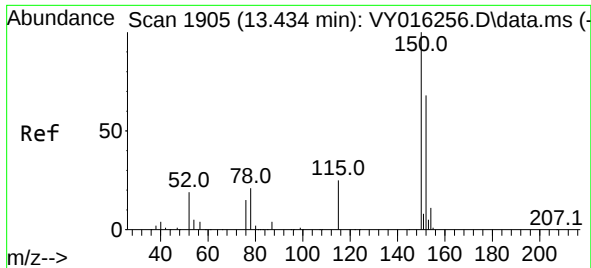
Tgt Ion:	95	Resp:	69572
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	178.2
176	85.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016462.D
Acq: 22 Nov 2023 15:10

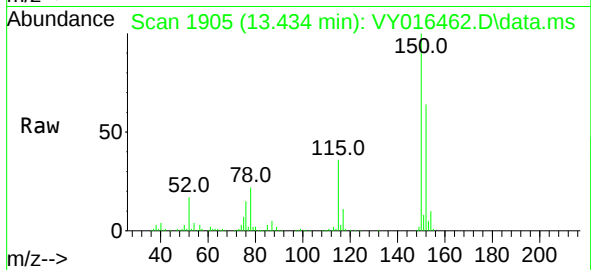
Tgt Ion:	117	Resp:	165252
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.0
119	32.5	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016462.D
 Acq: 22 Nov 2023 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 WT-5



Tgt Ion:	152	Resp:	76029
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.8	86.5
150	157.9	0.0	348.8

