

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016308.D
 Acq On : 10 Nov 2023 16:49
 Operator : SY/MD
 Sample : 05379-03
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-9-VOC

Quant Time: Nov 10 22:22:38 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)

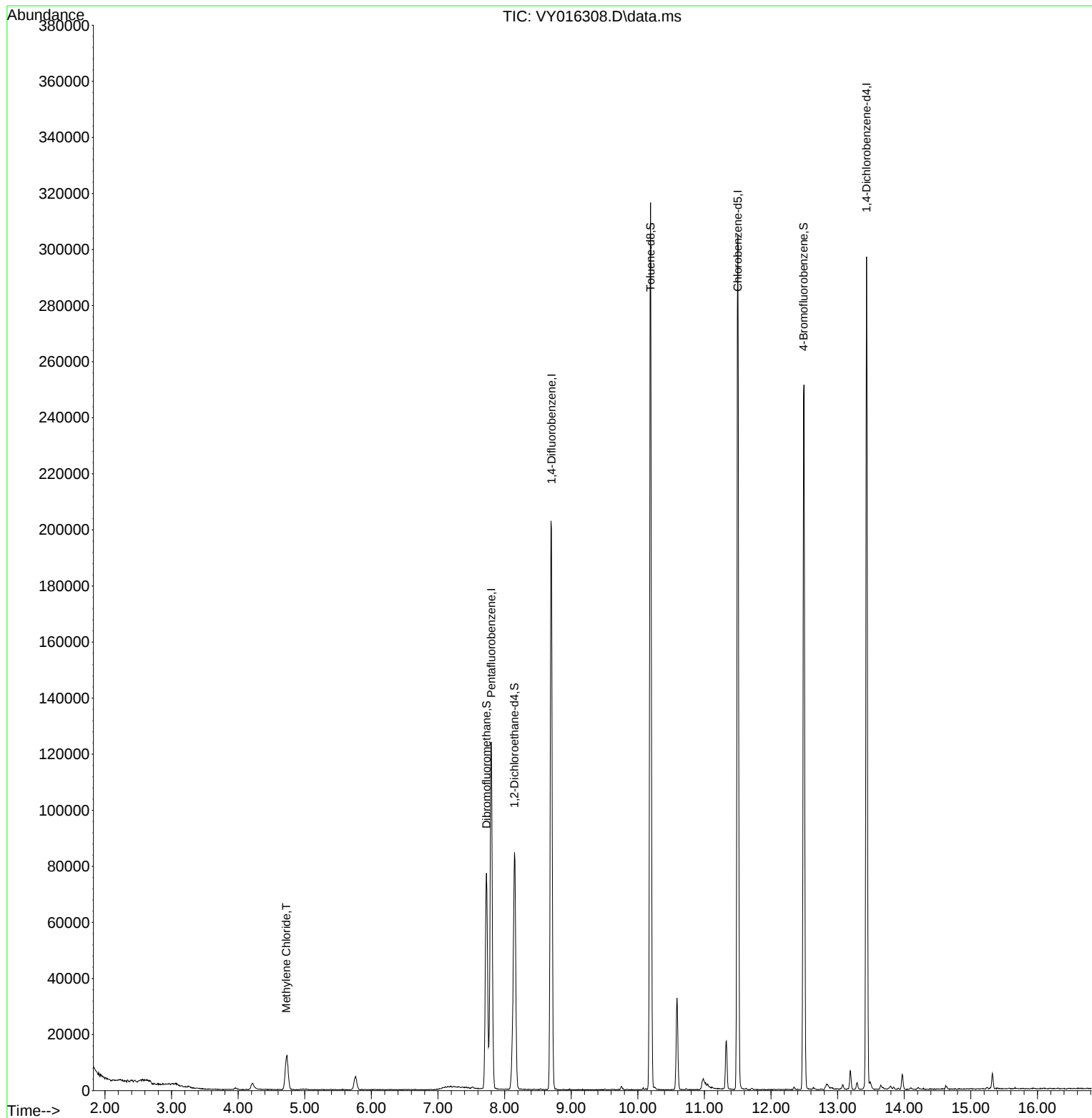
Internal Standards						
1) Pentafluorobenzene	7.801	168	99139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	180265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62435	68.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.820%	
35) Dibromofluoromethane	7.728	113	56239	54.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.840%	
50) Toluene-d8	10.191	98	211146	50.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.489	95	72619	53.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.680%	
Target Compounds						
20) Methylene Chloride	4.722	84	9929	6.338	ug/l	Qvalue # 76

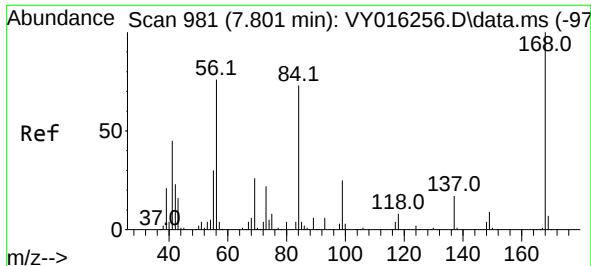
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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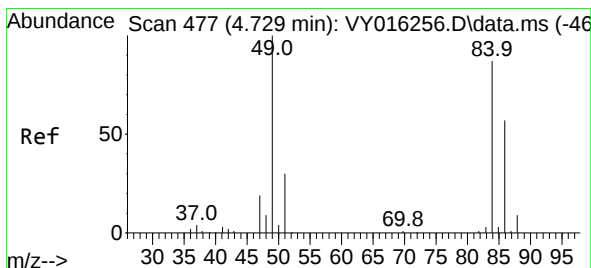
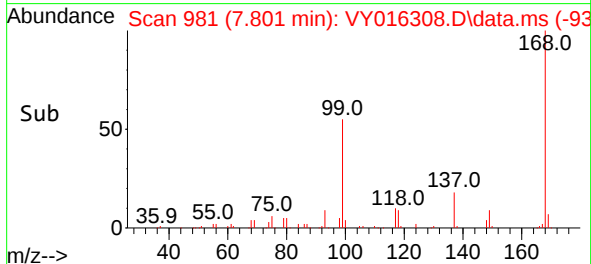
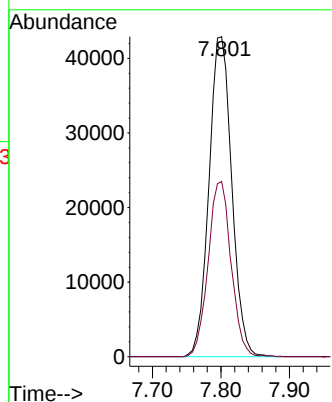
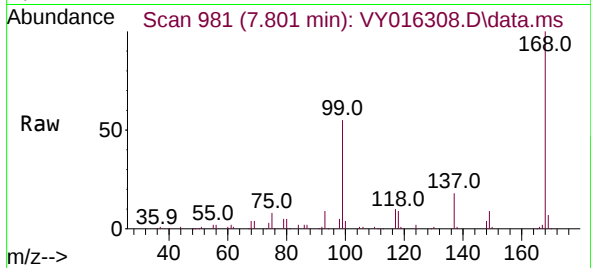




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

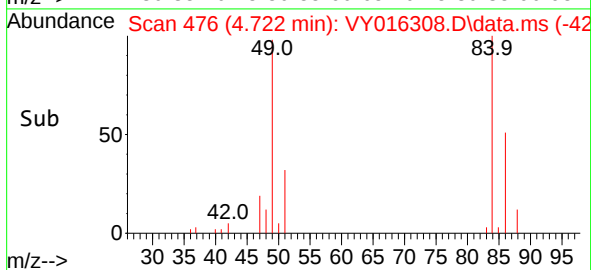
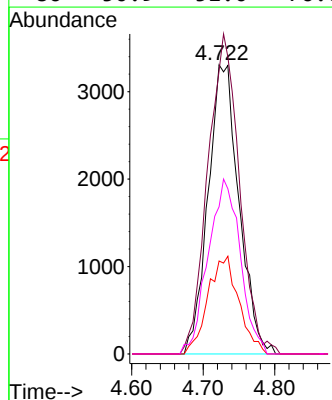
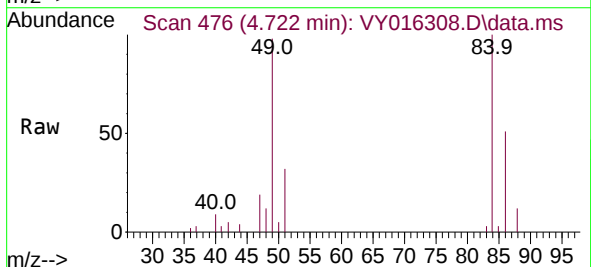
Instrument :
MSVOA_Y
ClientSampleId :
WC-9-VOC

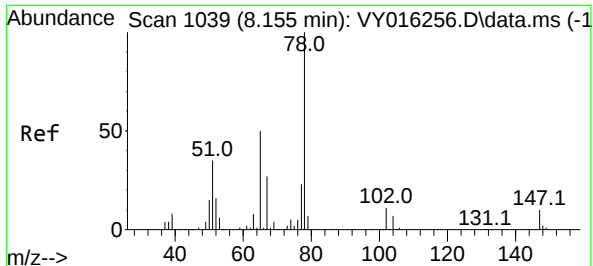
Tgt Ion:168 Resp: 99139
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#20
Methylene Chloride
Concen: 6.338 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

Tgt Ion: 84 Resp: 9929
Ion Ratio Lower Upper
84 100
49 98.0 106.9 160.3#
51 32.2 33.2 49.8#
86 50.9 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 68.906 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY016308.D

Acq: 10 Nov 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

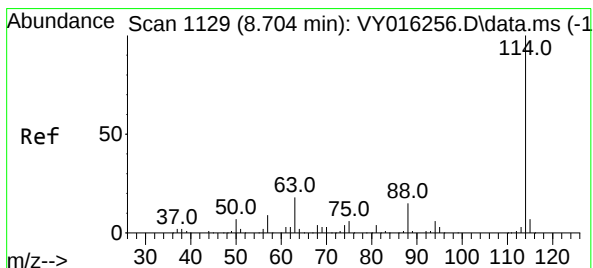
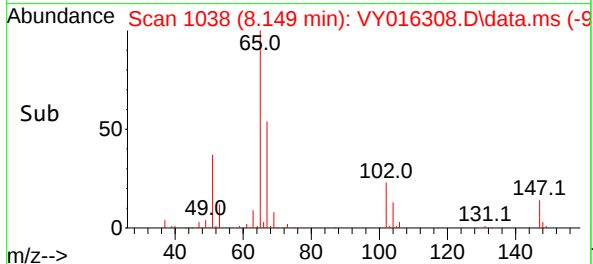
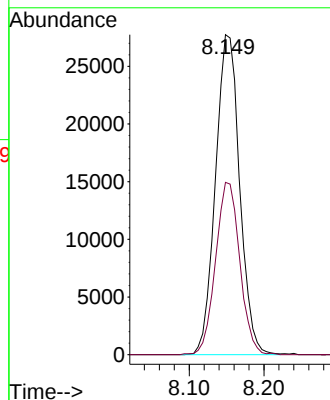
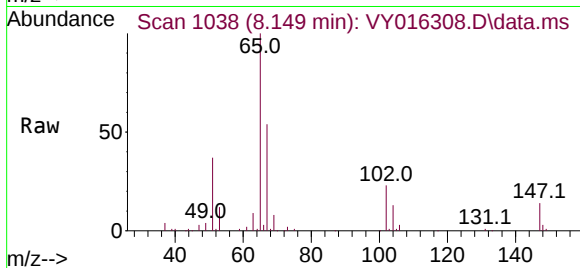
WC-9-VOC

Tgt Ion: 65 Resp: 62435

Ion Ratio Lower Upper

65 100

67 53.9 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: VY016308.D

Acq: 10 Nov 2023 16:49

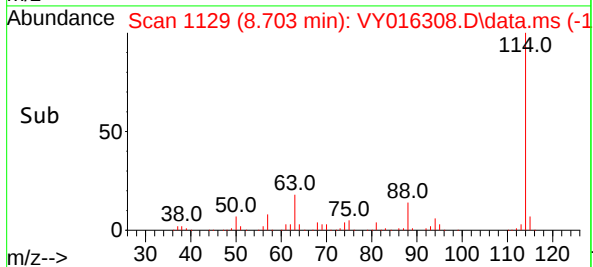
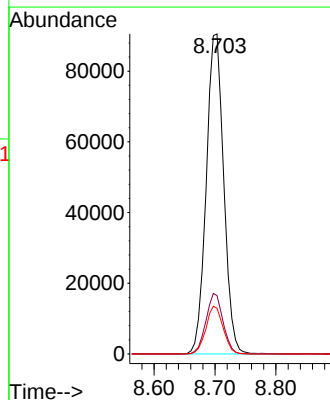
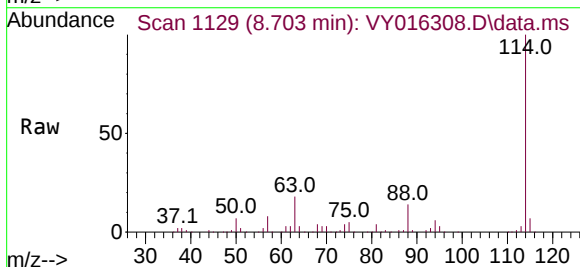
Tgt Ion: 114 Resp: 180265

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.3 0.0 30.6

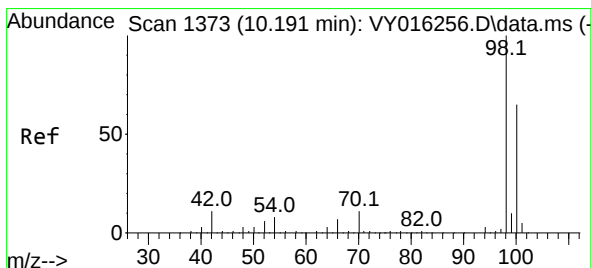
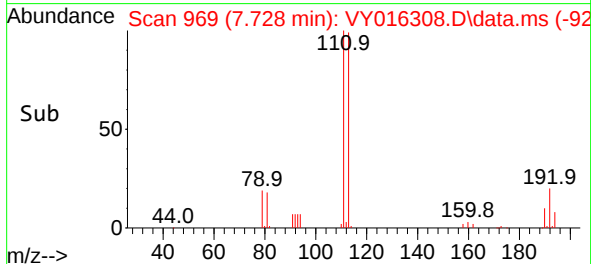
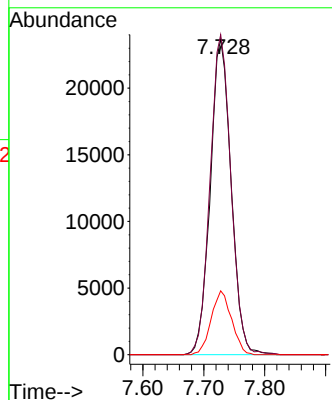
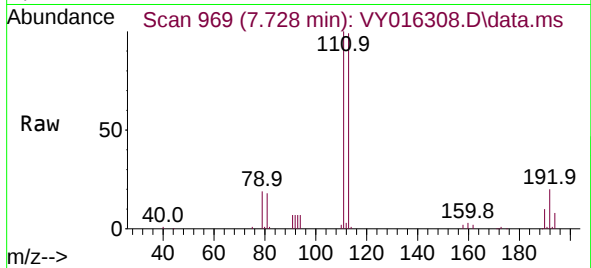




#35
Dibromofluoromethane
Concen: 54.920 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

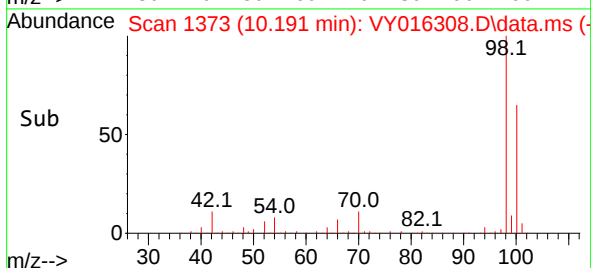
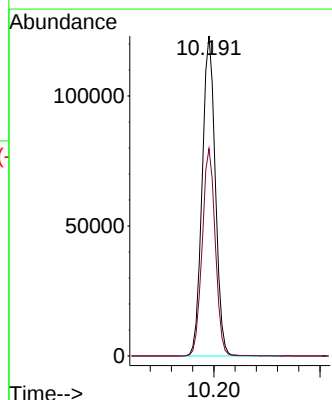
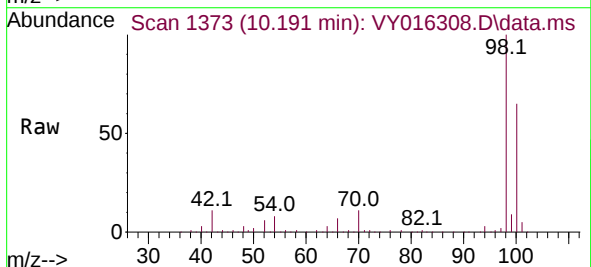
Instrument :
MSVOA_Y
ClientSampleId :
WC-9-VOC

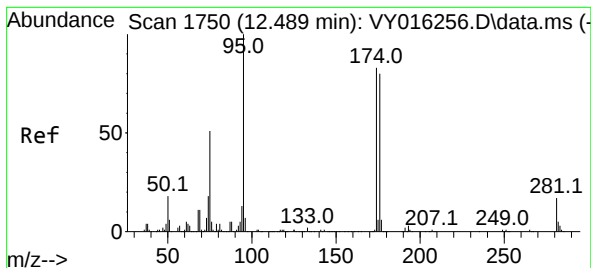
Tgt Ion:113 Resp: 56239
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 50.847 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

Tgt Ion: 98 Resp: 211146
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

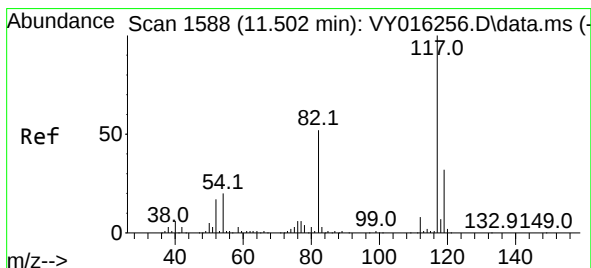
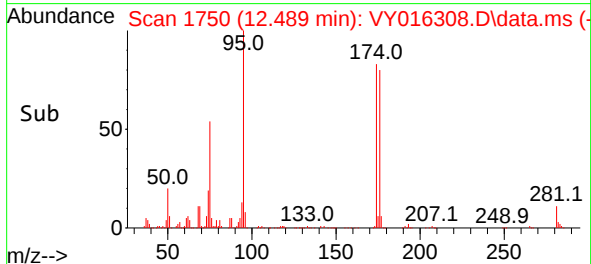
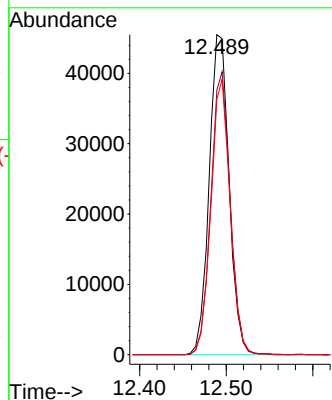
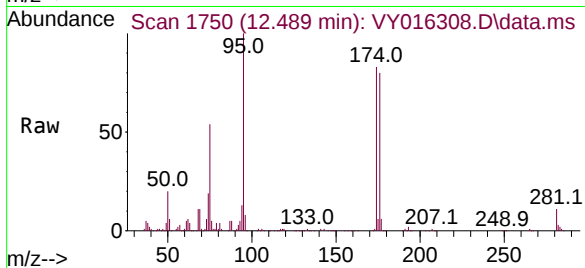




#62
4-Bromofluorobenzene
Concen: 53.843 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016308.D
Acq: 10 Nov 2023 16:49

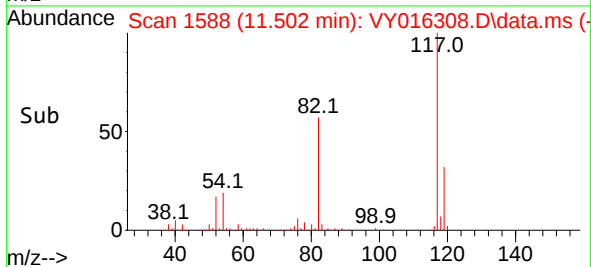
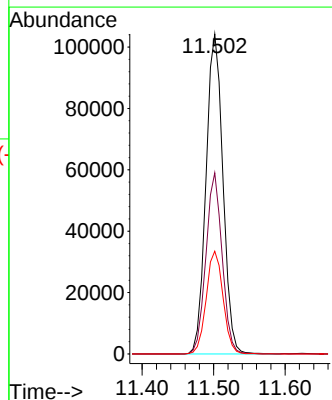
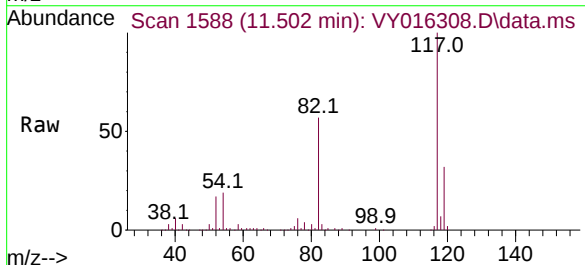
Instrument :
MSVOA_Y
ClientSampleId :
WC-9-VOC

Tgt Ion: 95 Resp: 72619
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.9 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: VY016308.D
Acq: 10 Nov 2023 16:49

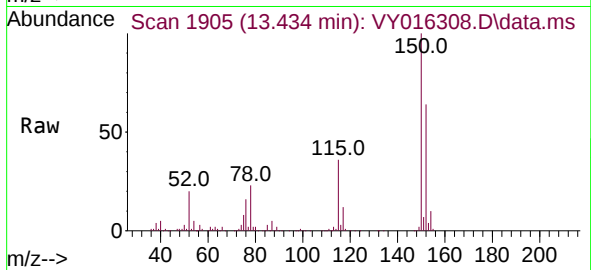
Tgt Ion: 117 Resp: 171310
Ion Ratio Lower Upper
117 100
82 56.6 43.4 65.0
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016308.D
 Acq: 10 Nov 2023 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-9-VOC



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.8	86.5
150	157.2	0.0	348.8

