

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014006.D
 Acq On : 05 Jun 2023 14:46
 Operator : KP/MD
 Sample : 03016-04RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB29RE

Quant Time: Jun 06 03:54:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

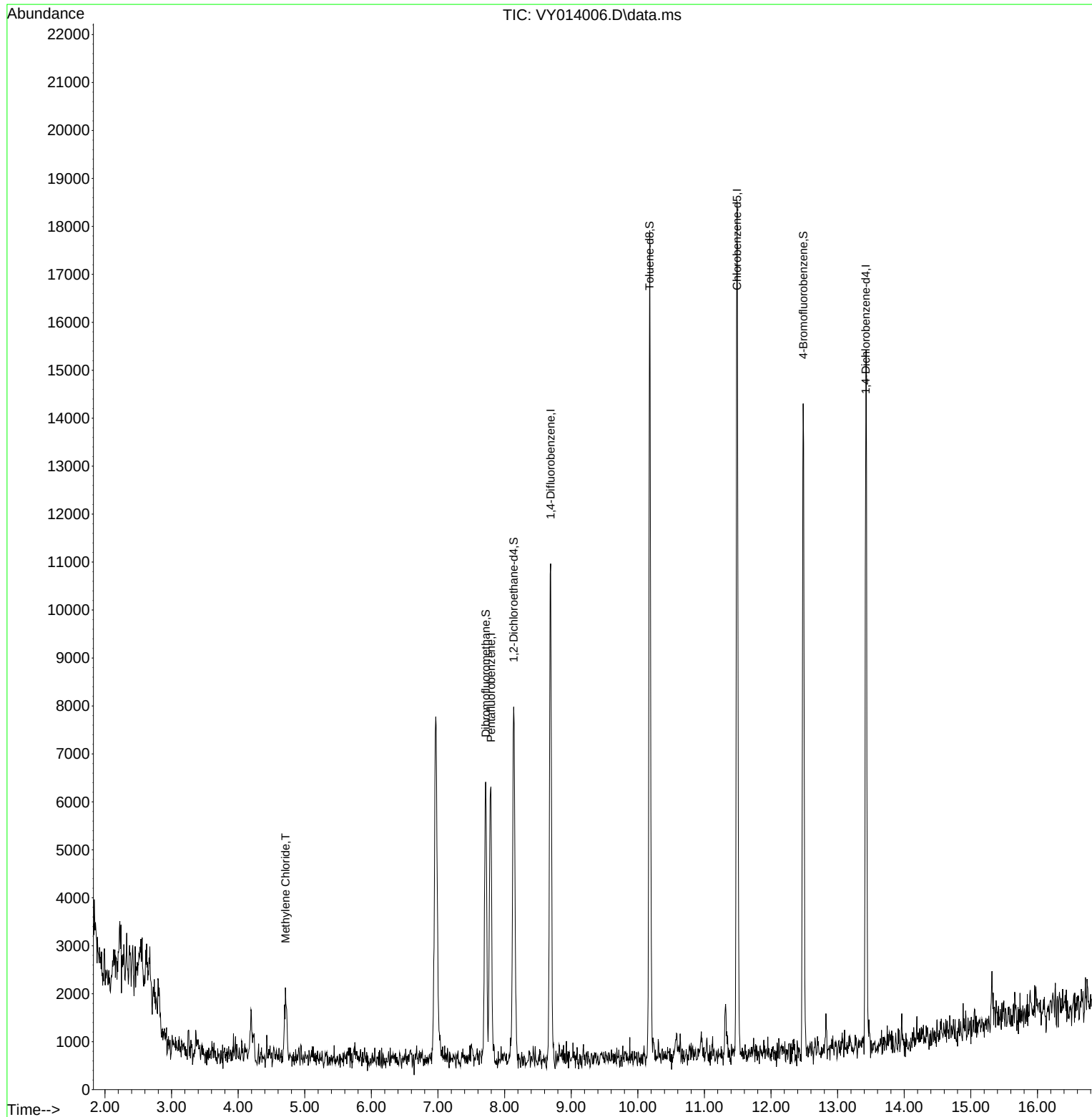
Internal Standards						
1) Pentafluorobenzene	7.795	168	4900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	10493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5988	92.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.640%#	
35) Dibromofluoromethane	7.716	113	3790	64.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.300%	
50) Toluene-d8	10.179	98	11358	50.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.483	95	3829	49.835	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.680%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	864	11.302	ug/l #	77

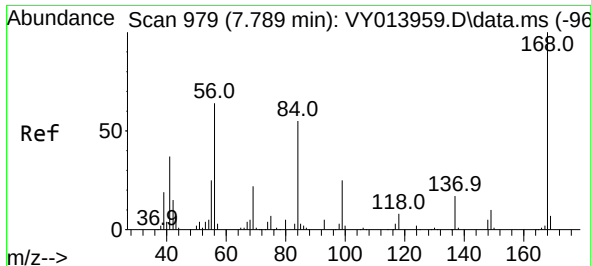
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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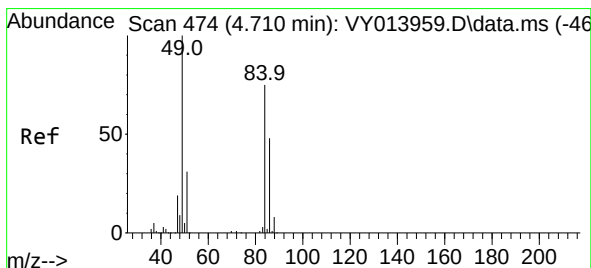
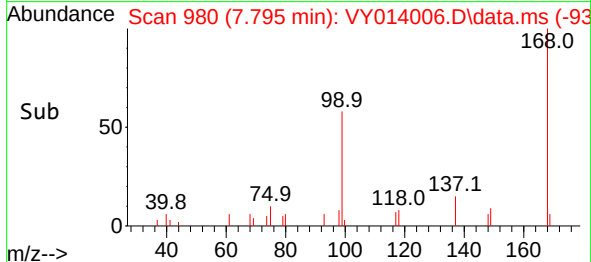
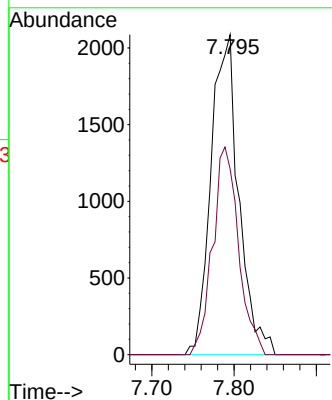
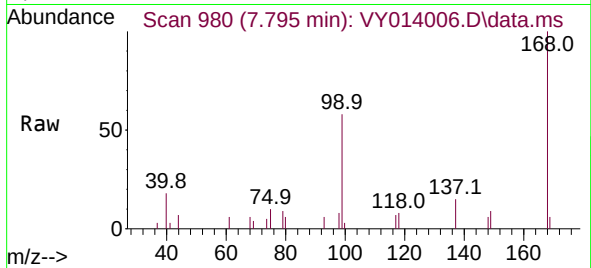




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014006.D
Acq: 05 Jun 2023 14:46

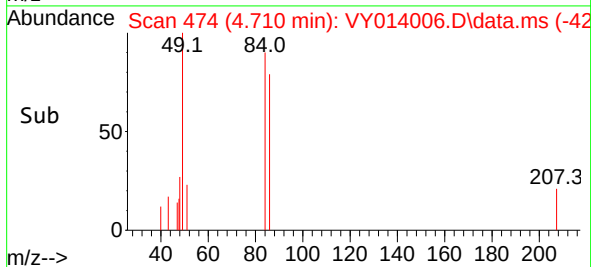
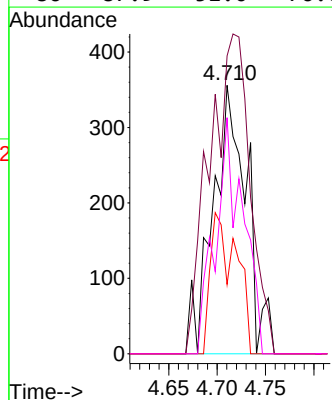
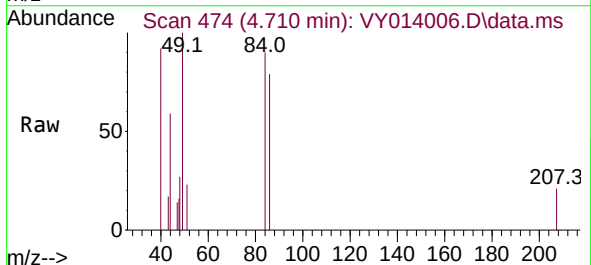
Instrument :
MSVOA_Y
ClientSampleId :
SB29RE

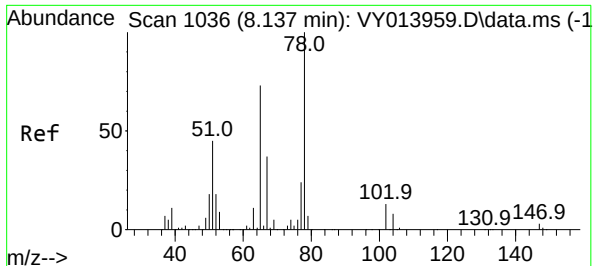
Tgt Ion:168 Resp: 4900
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#20
Methylene Chloride
Concen: 11.302 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY014006.D
Acq: 05 Jun 2023 14:46

Tgt Ion: 84 Resp: 864
Ion Ratio Lower Upper
84 100
49 111.0 106.9 160.3
51 25.8 33.2 49.8#
86 87.9 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 92.315 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY014006.D

Acq: 05 Jun 2023 14:46

Instrument :

MSVOA_Y

ClientSampleId :

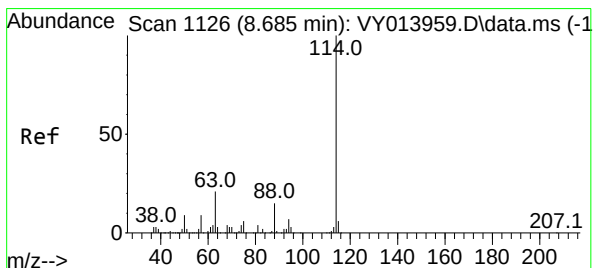
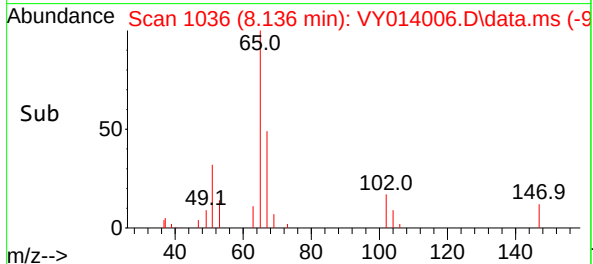
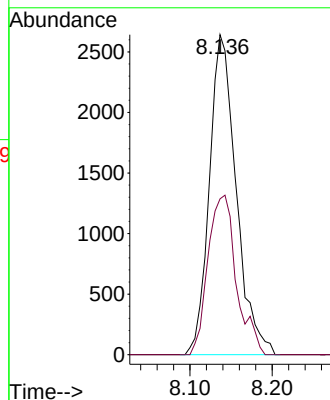
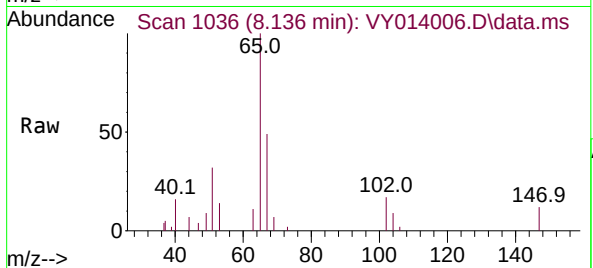
SB29RE

Tgt Ion: 65 Resp: 5988

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014006.D

Acq: 05 Jun 2023 14:46

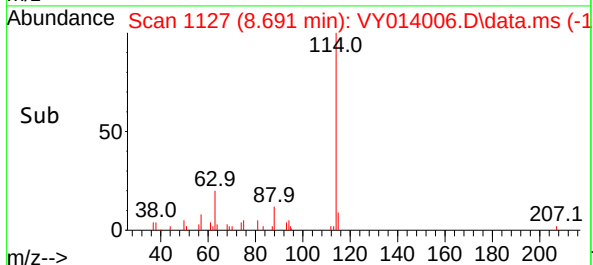
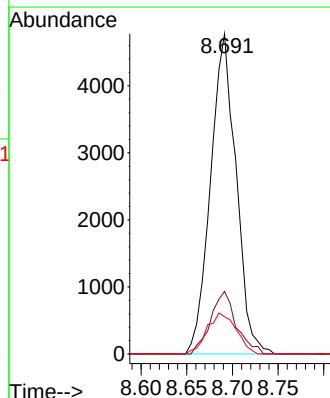
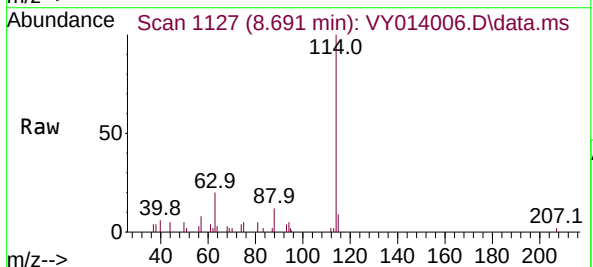
Tgt Ion: 114 Resp: 9297

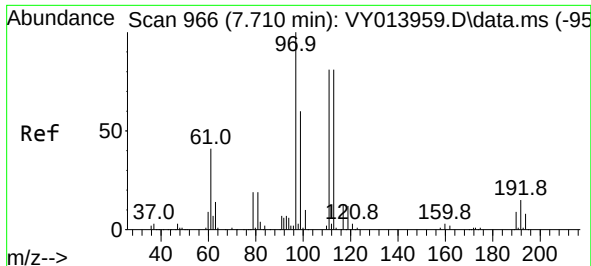
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 11.7 0.0 30.6

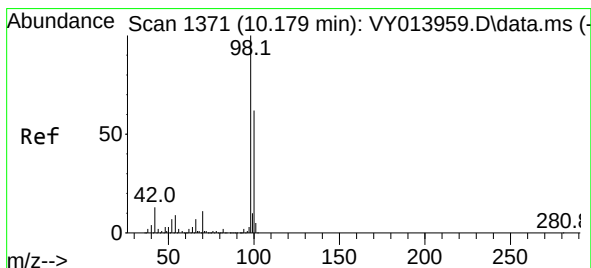
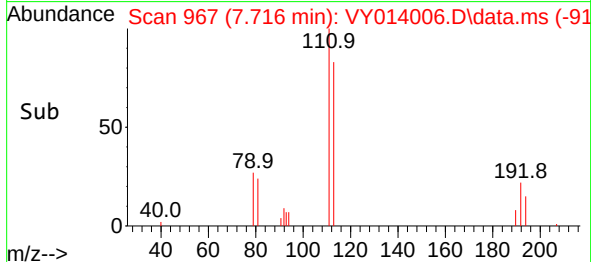
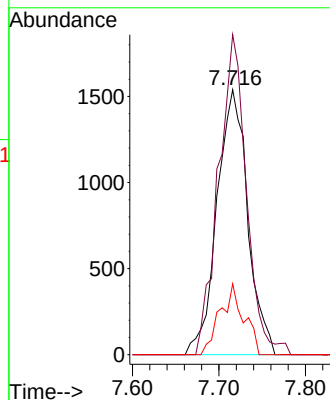
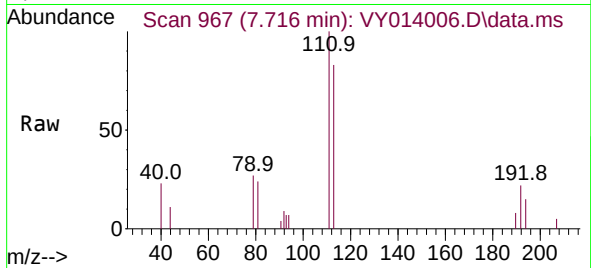




#35
Dibromofluoromethane
Concen: 64.147 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014006.D
Acq: 05 Jun 2023 14:46

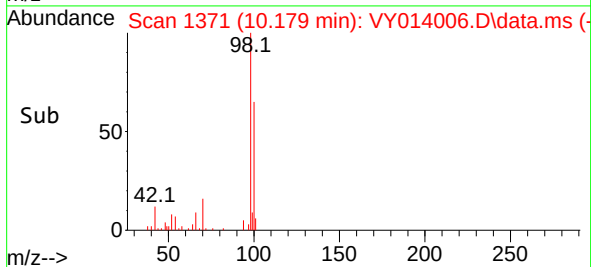
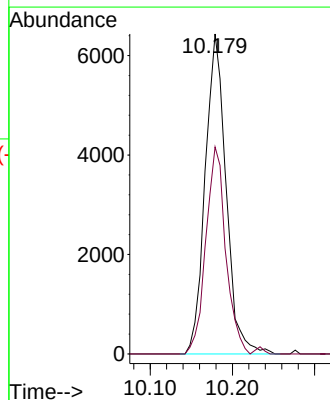
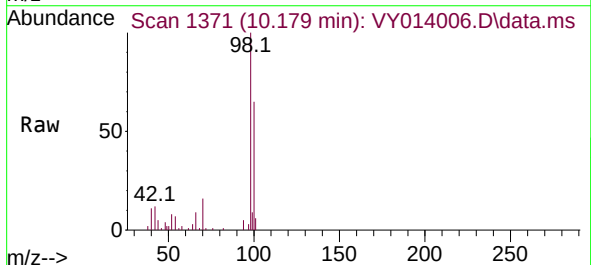
Instrument :
MSVOA_Y
ClientSampleId :
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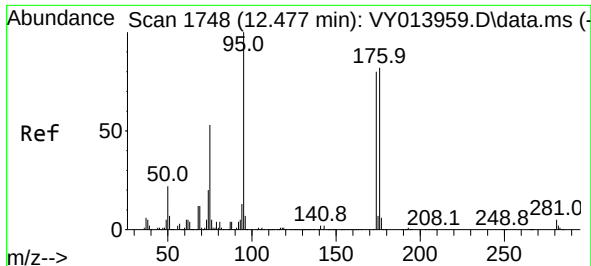
Tgt Ion:113 Resp: 3790
Ion Ratio Lower Upper
113 100
111 109.9 81.3 121.9
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 50.397 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014006.D
Acq: 05 Jun 2023 14:46

Tgt Ion: 98 Resp: 11358
Ion Ratio Lower Upper
98 100
100 61.6 50.1 75.1

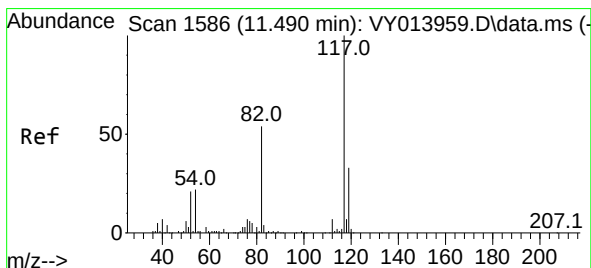
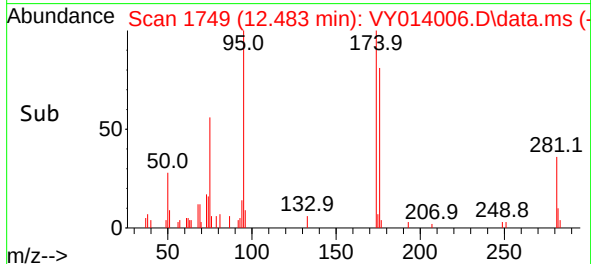
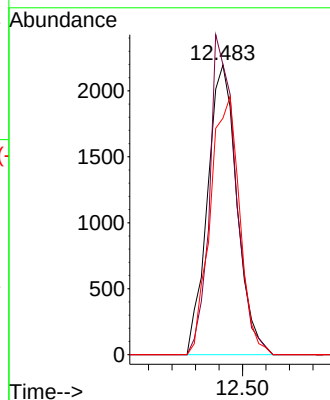
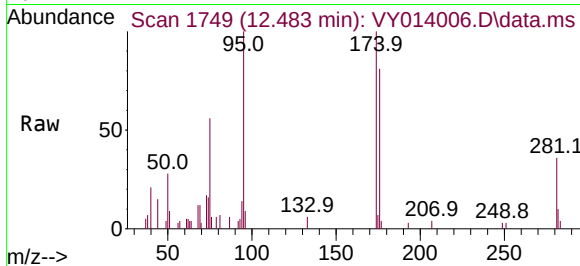




#62
4-Bromofluorobenzene
Concen: 49.835 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014006.D
Acq: 05 Jun 2023 14:46

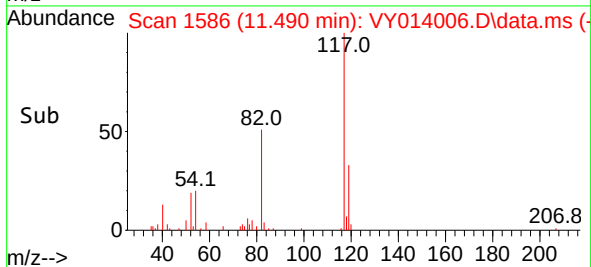
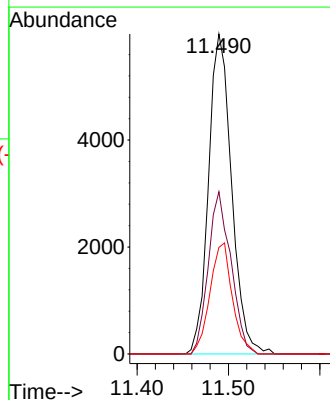
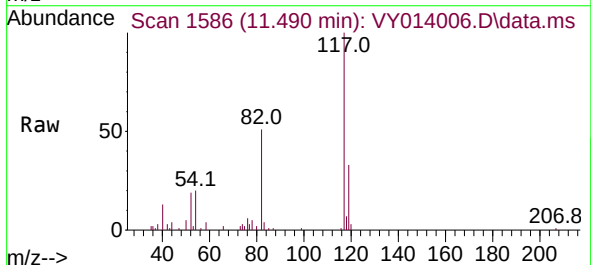
Instrument :
MSVOA_Y
ClientSampleId :
SB29RE

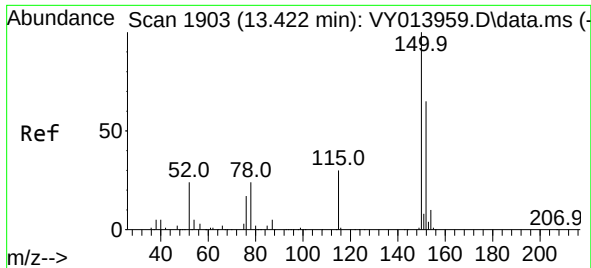
Tgt Ion: 95 Resp: 3829
Ion Ratio Lower Upper
95 100
174 97.2 0.0 178.2
176 88.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014006.D
Acq: 05 Jun 2023 14:46

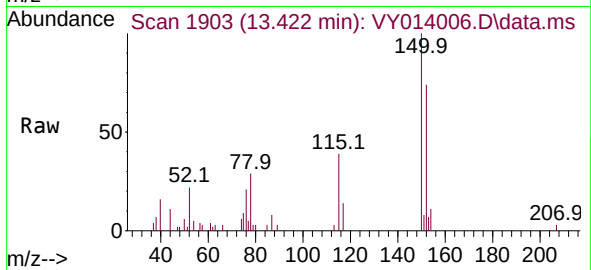
Tgt Ion: 117 Resp: 10493
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.0
119 33.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014006.D
 Acq: 05 Jun 2023 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB29RE



Tgt Ion:	152	Resp:	3886
Ion	Ratio	Lower	Upper
152	100		
115	61.4	28.8	86.5
150	165.4	0.0	348.8

