

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014609.D
 Acq On : 10 Jul 2023 11:19
 Operator : SY/MD
 Sample : VY0710SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBL01

Quant Time: Jul 11 03:14:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

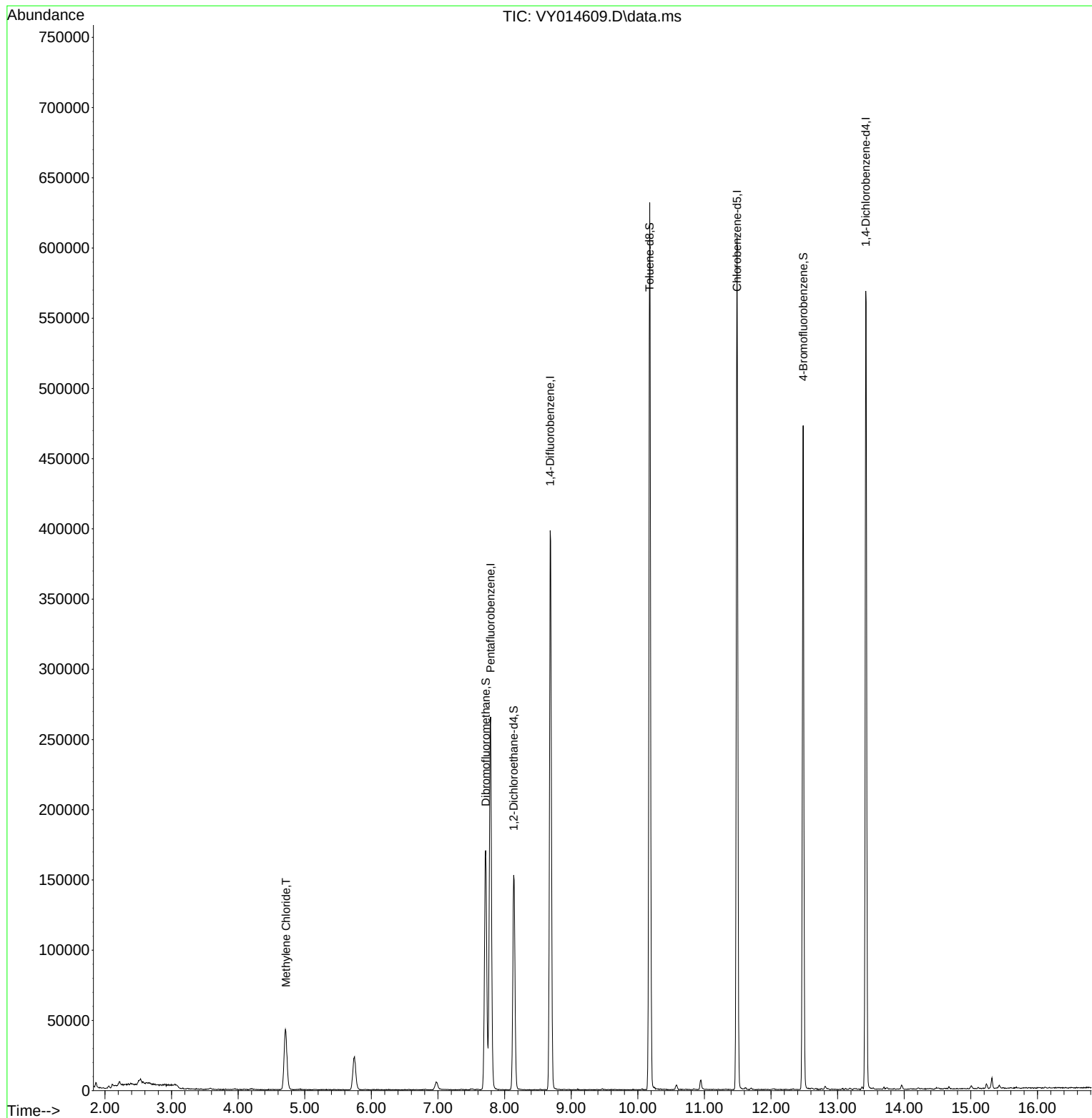
Internal Standards						
1) Pentafluorobenzene	7.789	168	229383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	360811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123388	54.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.140%	
35) Dibromofluoromethane	7.716	113	121853	54.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.680%	
50) Toluene-d8	10.179	98	436089	49.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.483	95	138639	45.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.920%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	34990	9.394	ug/l #	82

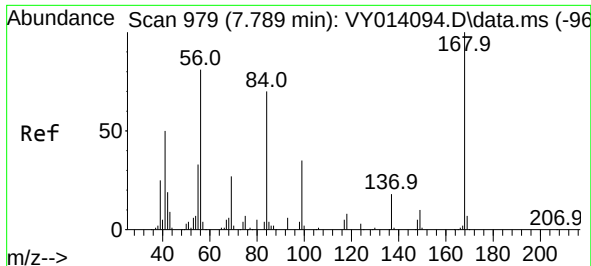
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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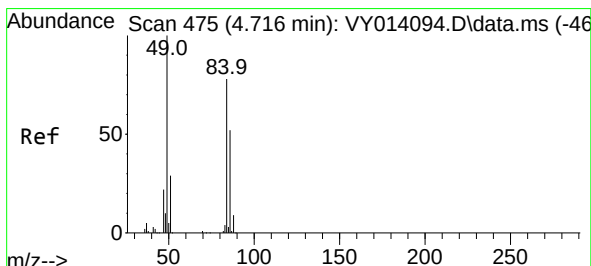
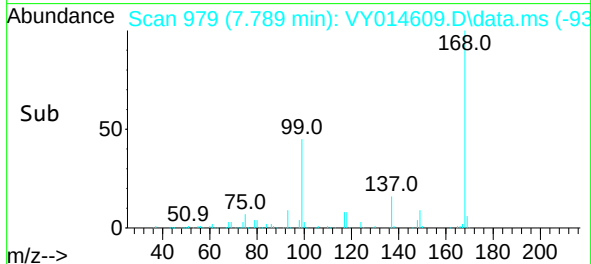
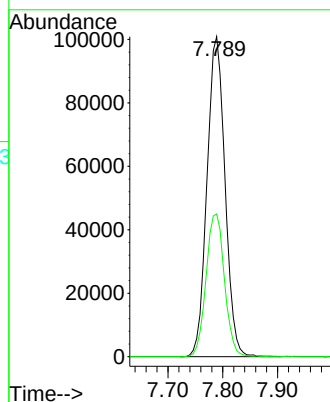
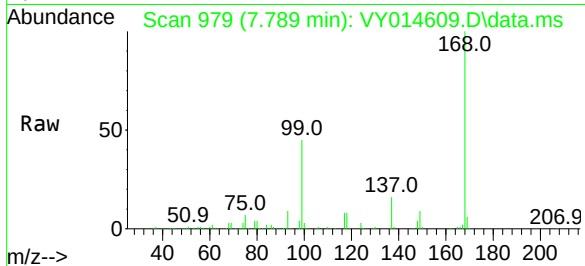




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

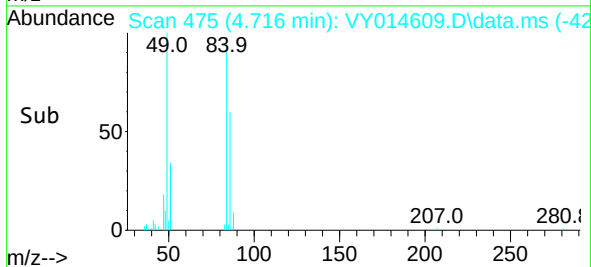
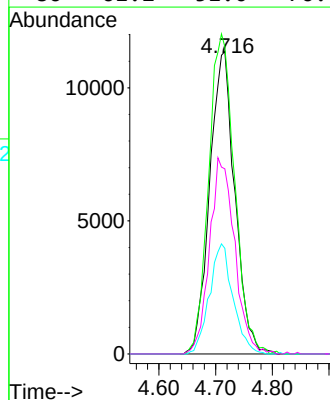
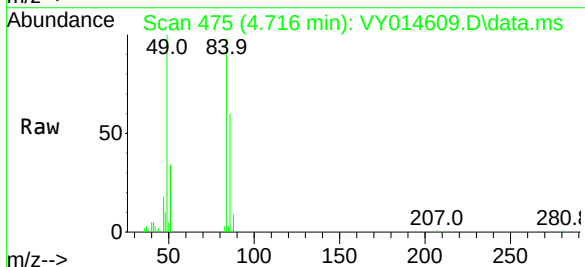
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBL01

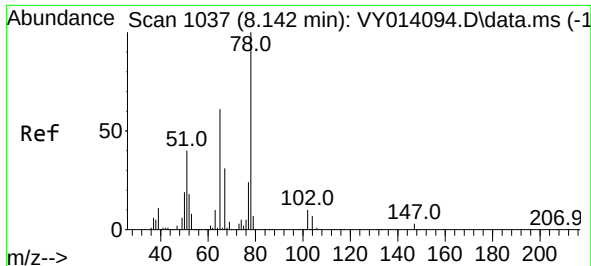
Tgt Ion:168 Resp: 229383
Ion Ratio Lower Upper
168 100
99 44.6 43.4 65.0



#20
Methylene Chloride
Concen: 9.394 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Tgt Ion: 84 Resp: 34990
Ion Ratio Lower Upper
84 100
49 101.6 106.9 160.3#
51 34.9 33.2 49.8
86 61.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.073 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY014609.D

Acq: 10 Jul 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

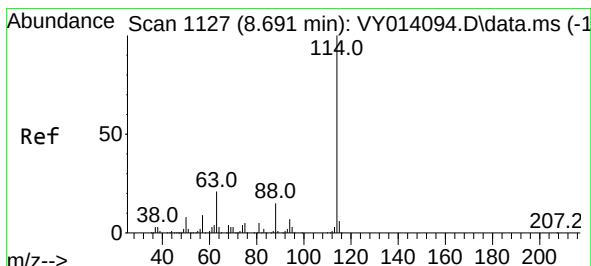
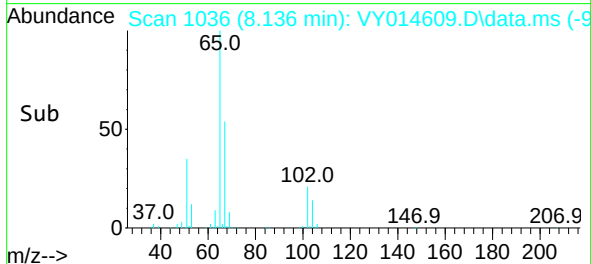
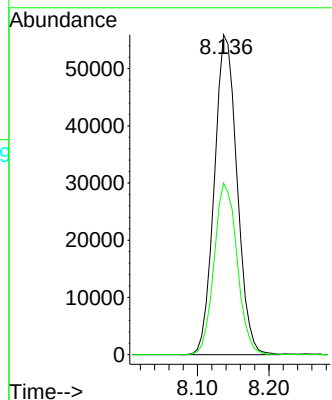
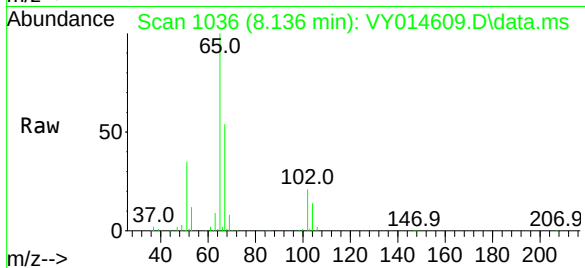
VY0710SBL01

Tgt Ion: 65 Resp: 123388

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014609.D

Acq: 10 Jul 2023 11:19

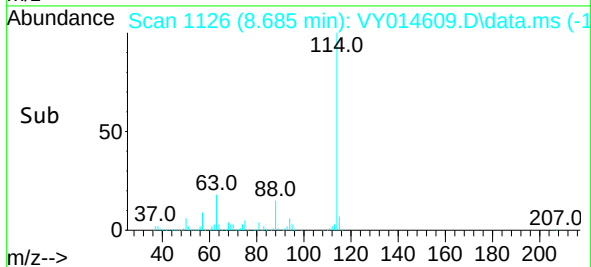
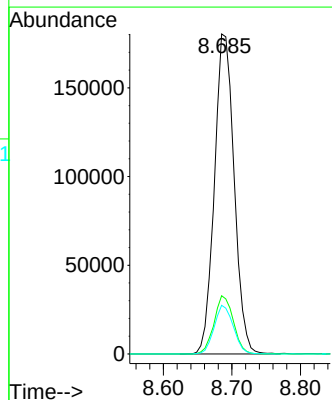
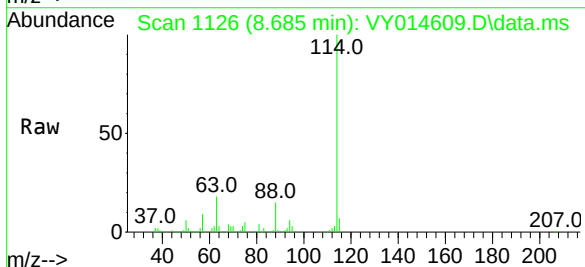
Tgt Ion: 114 Resp: 360811

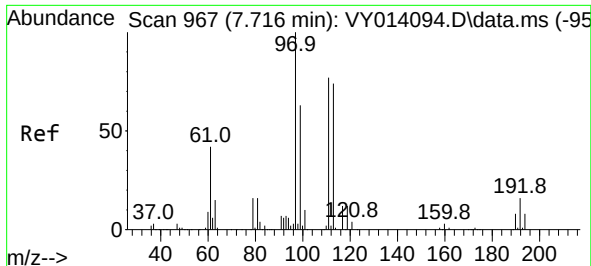
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 15.2 0.0 30.6

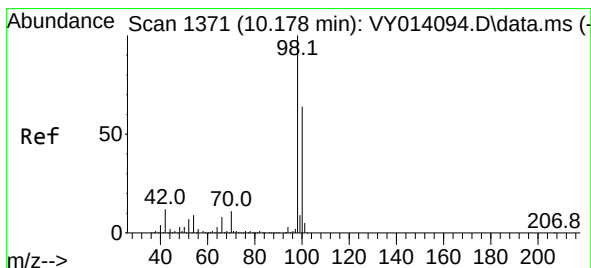
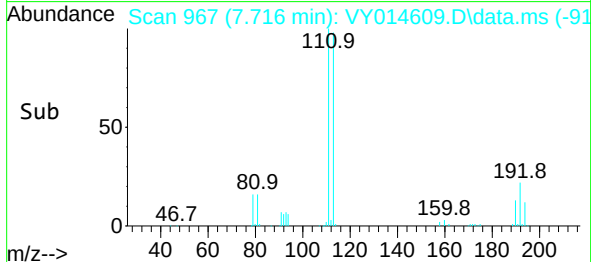
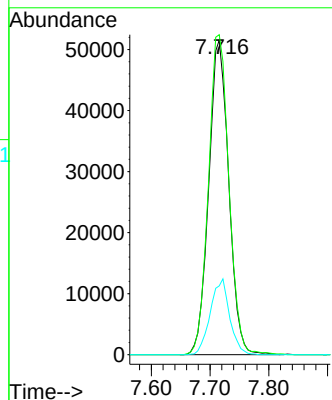
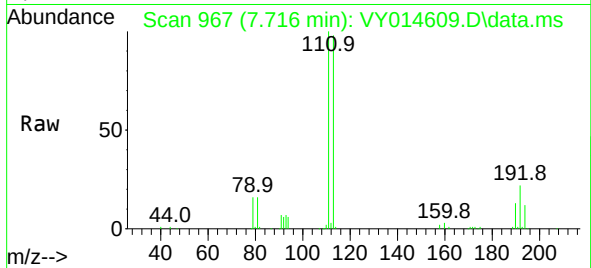




#35
Dibromofluoromethane
Concen: 54.842 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

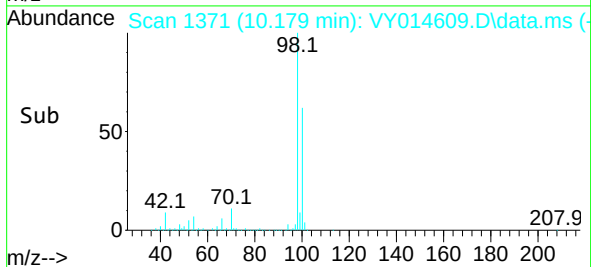
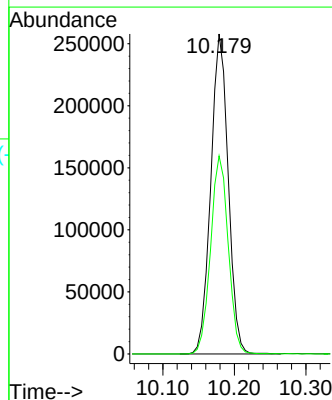
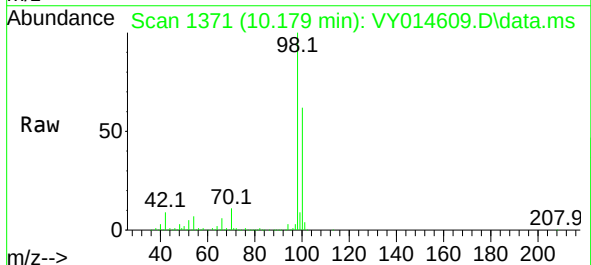
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBL01

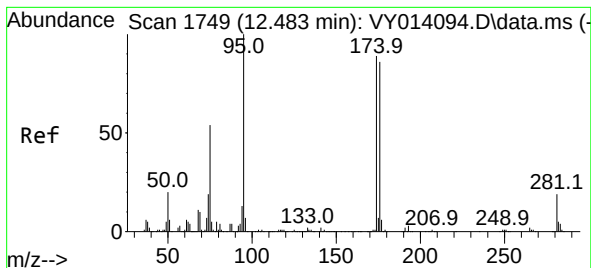
Tgt Ion:113 Resp: 121853
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 23.2 16.9 25.3



#50
Toluene-d8
Concen: 49.649 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

Tgt Ion: 98 Resp: 436089
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

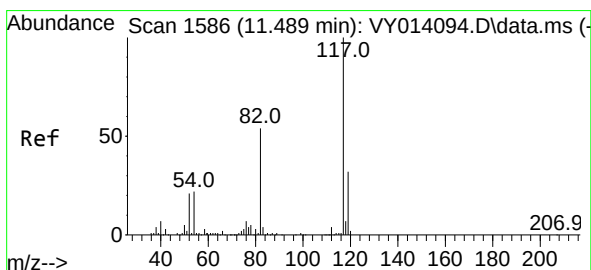
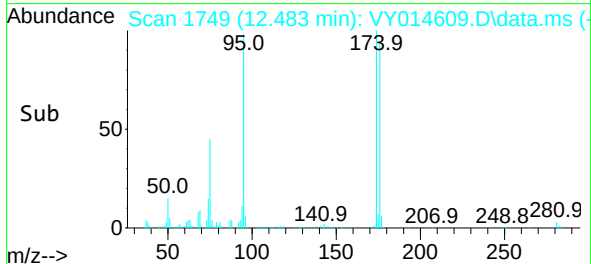
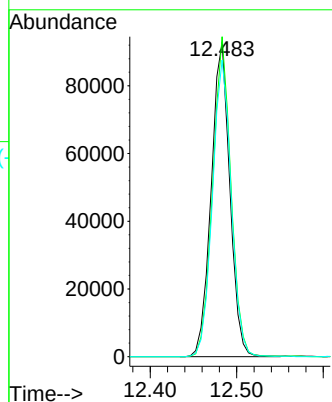
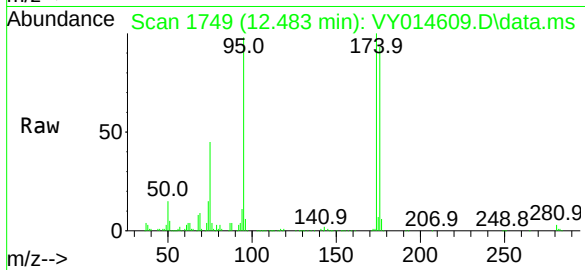




#62
4-Bromofluorobenzene
Concen: 45.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

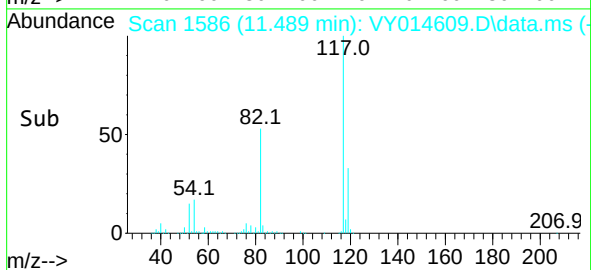
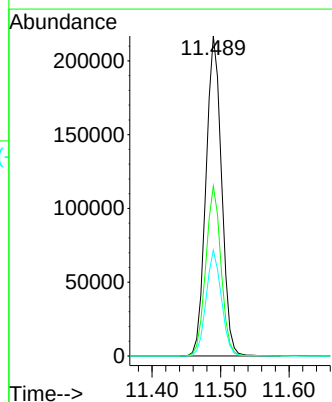
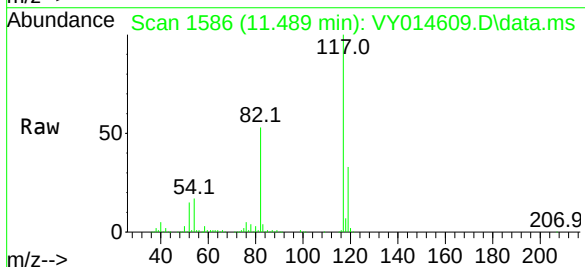
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBL01

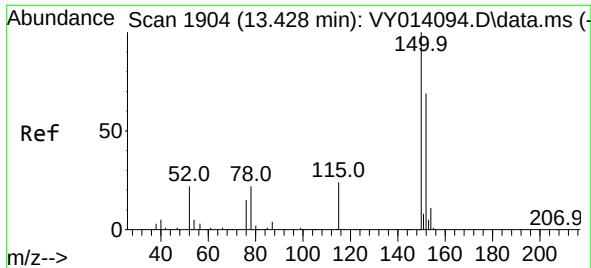
Tgt Ion: 95 Resp: 138639
Ion Ratio Lower Upper
95 100
174 99.8 0.0 178.2
176 95.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014609.D
Acq: 10 Jul 2023 11:19

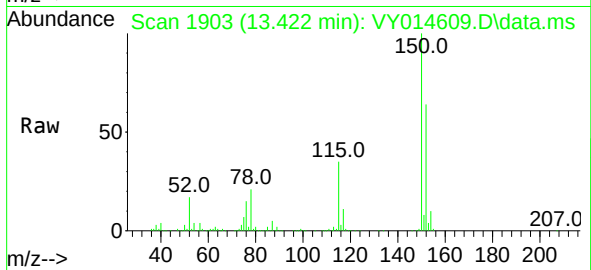
Tgt Ion: 117 Resp: 345136
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 33.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014609.D
 Acq: 10 Jul 2023 11:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBL01



Tgt Ion:152 Resp: 161286
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.8 86.5
 150 156.4 0.0 348.8

