

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014633.D
 Acq On : 13 Jul 2023 17:36
 Operator : SY/MD
 Sample : 03591-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-071223

Quant Time: Jul 14 04:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

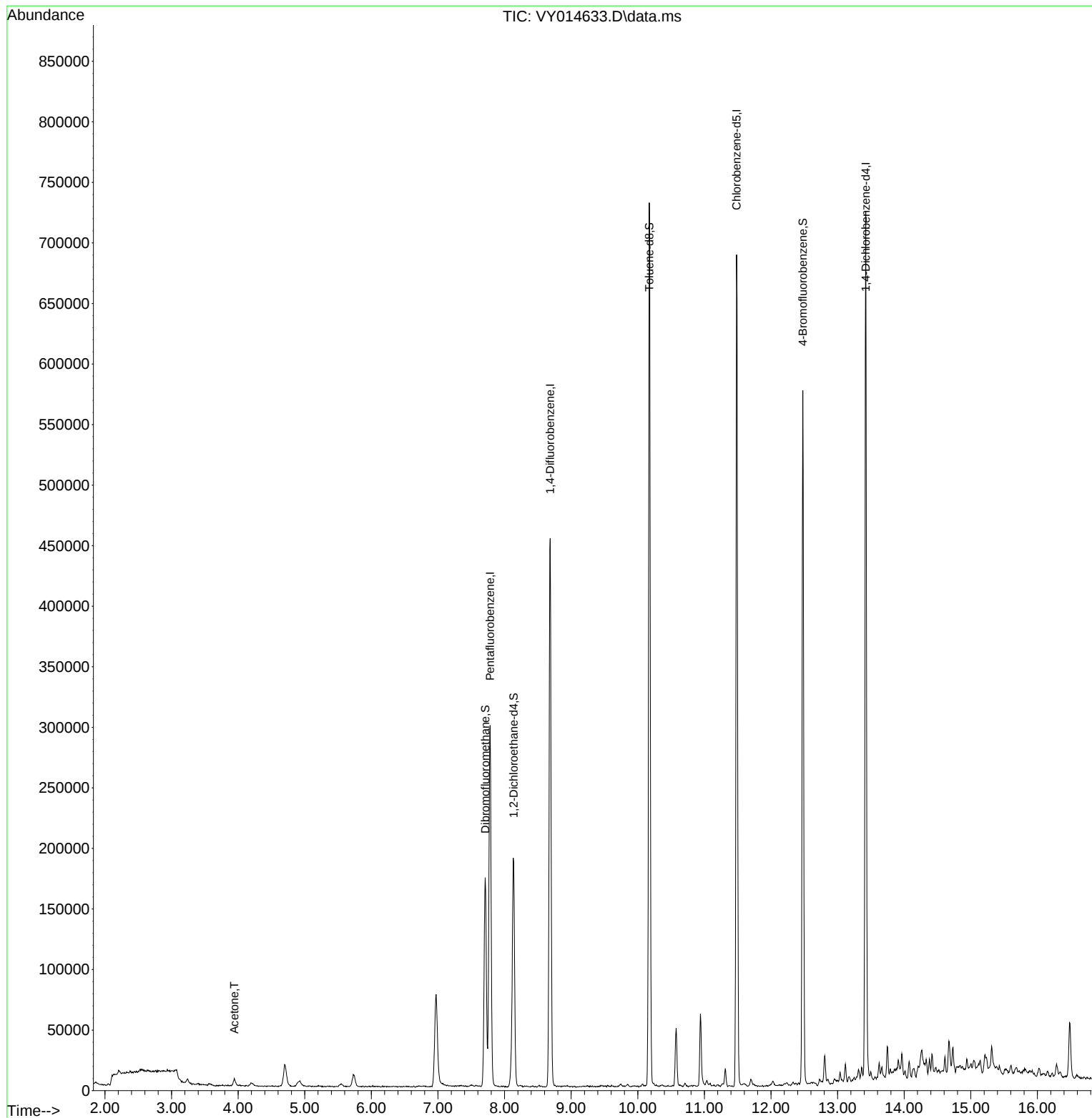
Internal Standards						
1) Pentafluorobenzene	7.783	168	229884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	400353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	369116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	141725	54.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.200%	
35) Dibromofluoromethane	7.710	113	125867	49.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.780%	
50) Toluene-d8	10.173	98	474971	50.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.477	95	180389	50.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.140%	
Target Compounds						
16) Acetone	3.942	43	10719	12.913	ug/l	Qvalue # 88

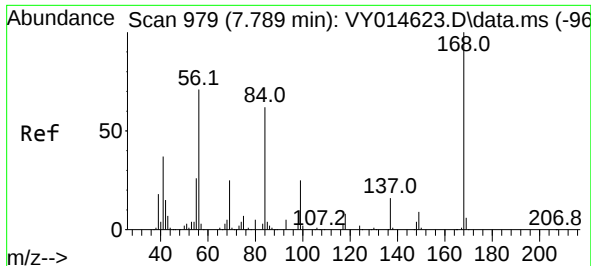
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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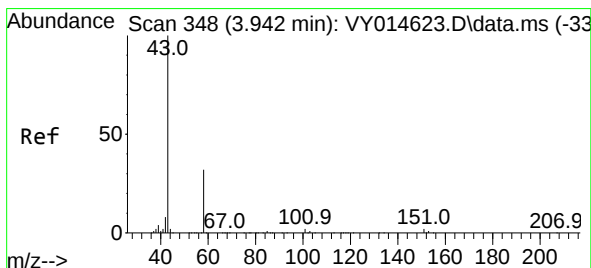
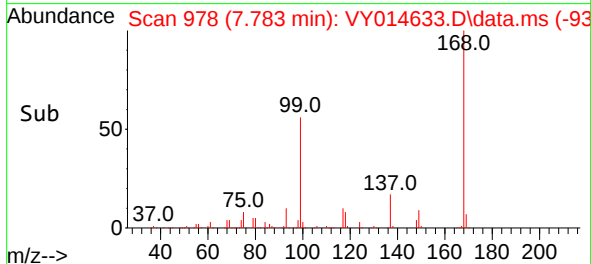
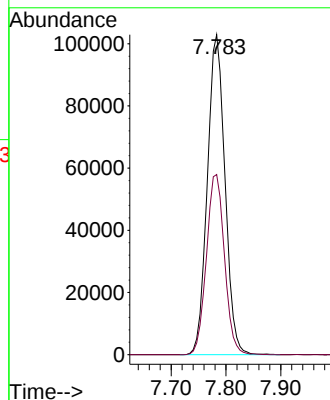
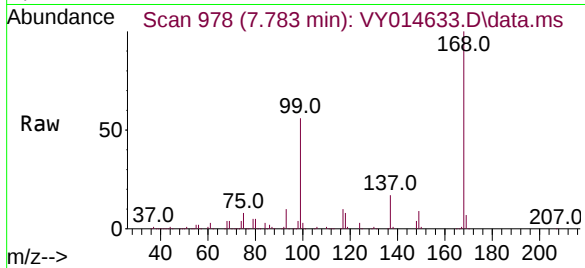




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

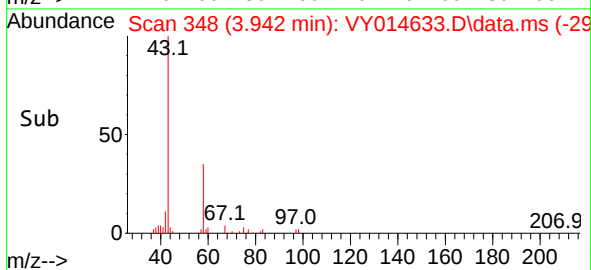
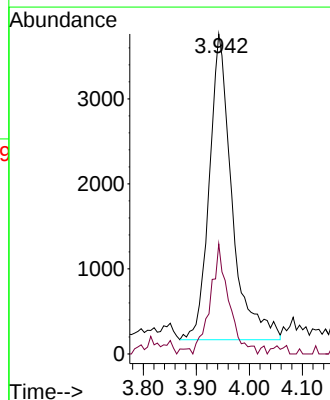
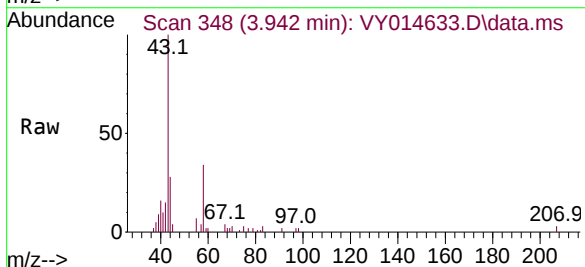
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-071223

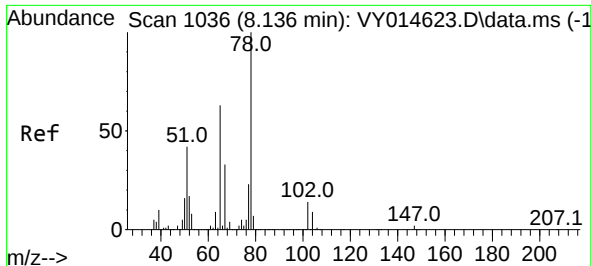
Tgt Ion:168 Resp: 229884
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#16
Acetone
Concen: 12.913 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

Tgt Ion: 43 Resp: 10719
Ion Ratio Lower Upper
43 100
58 34.5 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 54.101 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014633.D

Acq: 13 Jul 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

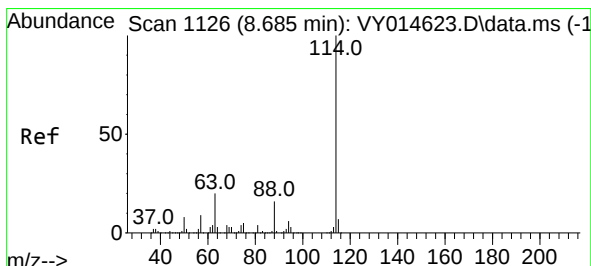
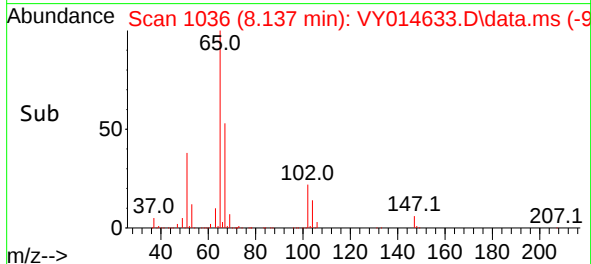
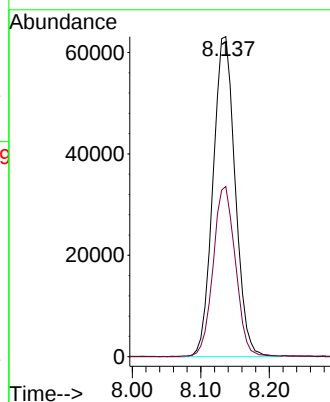
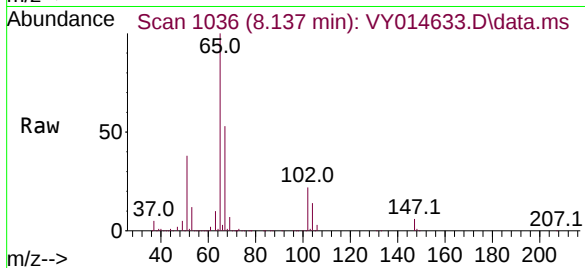
NB-8-071223

Tgt Ion: 65 Resp: 141725

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014633.D

Acq: 13 Jul 2023 17:36

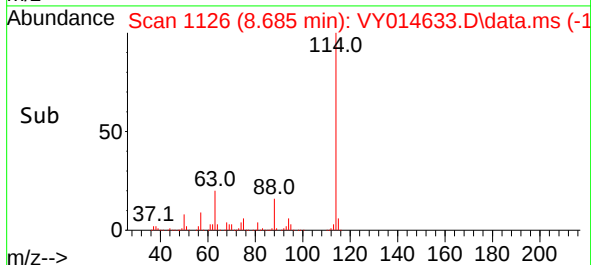
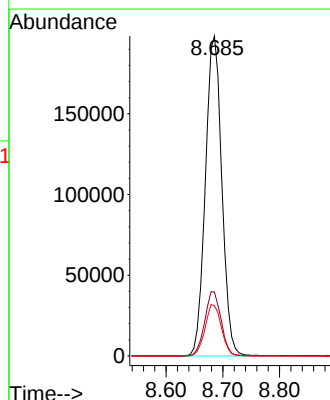
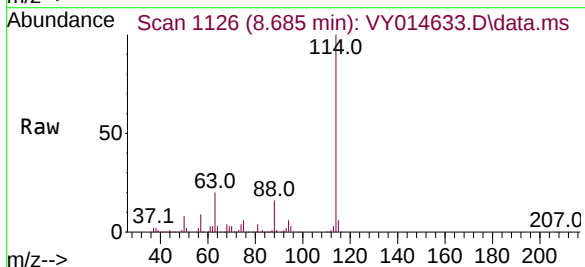
Tgt Ion:114 Resp: 400353

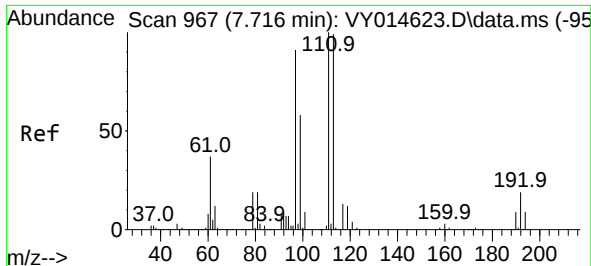
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.7 0.0 30.6

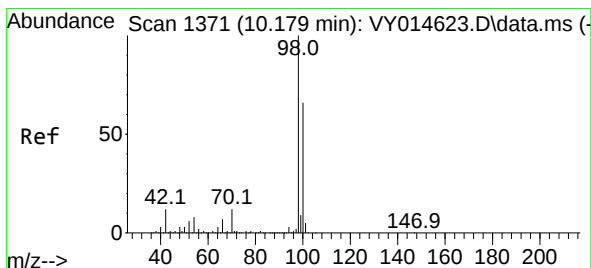
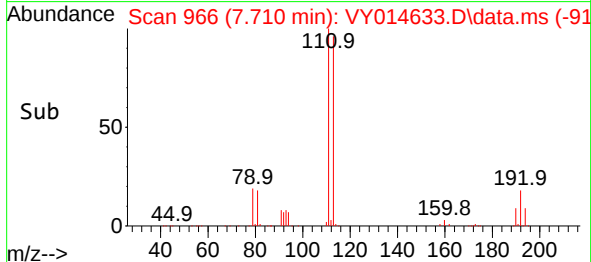
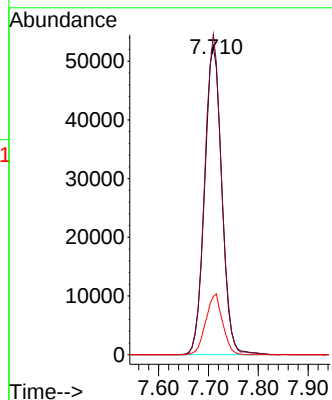
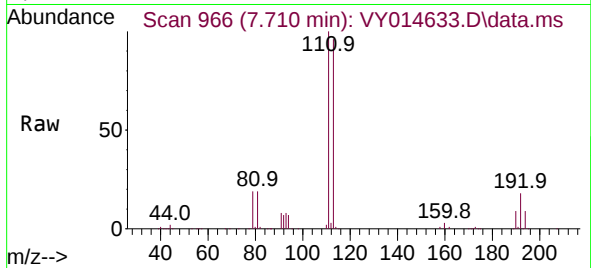




#35
Dibromofluoromethane
Concen: 49.388 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

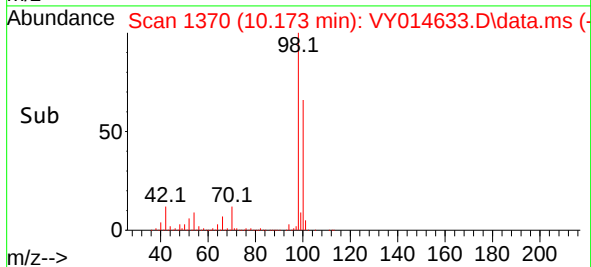
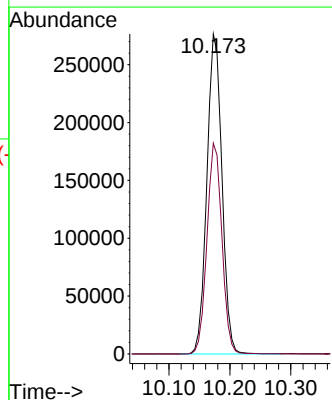
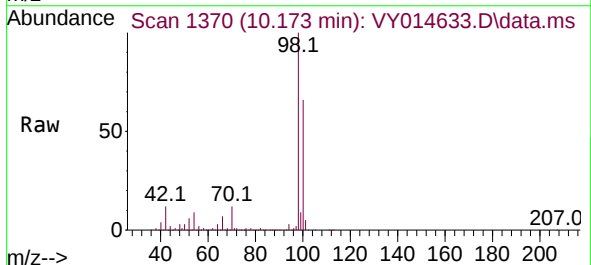
Instrument :
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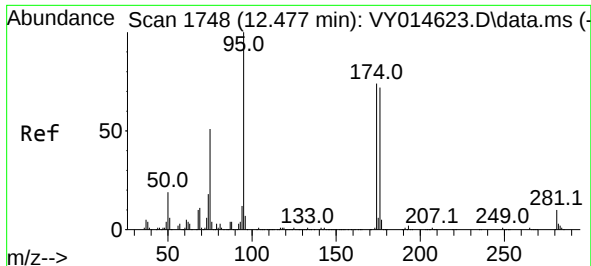
Tgt Ion:113 Resp: 125867
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 50.551 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

Tgt Ion: 98 Resp: 474971
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

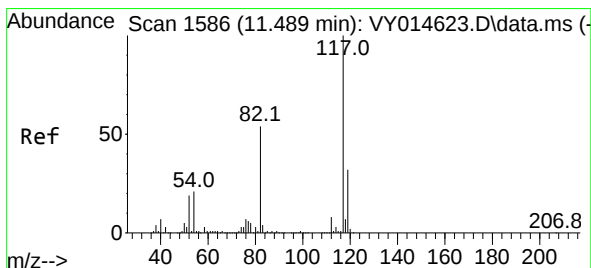
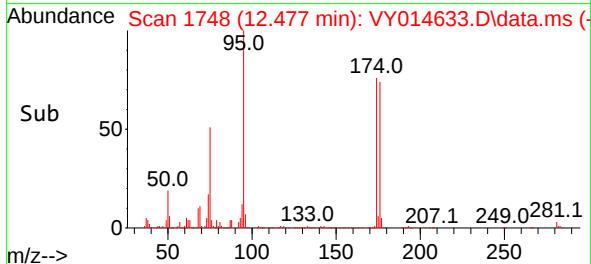
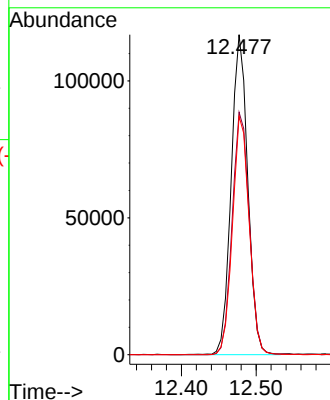
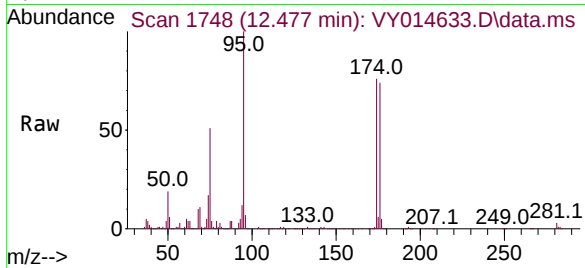




#62
4-Bromofluorobenzene
Concen: 50.070 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

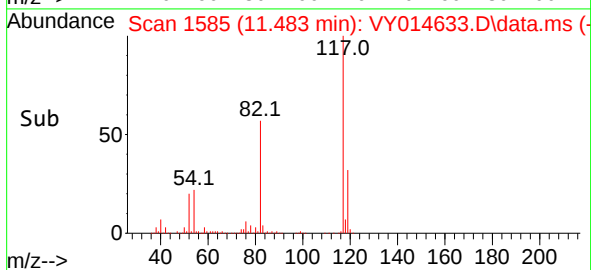
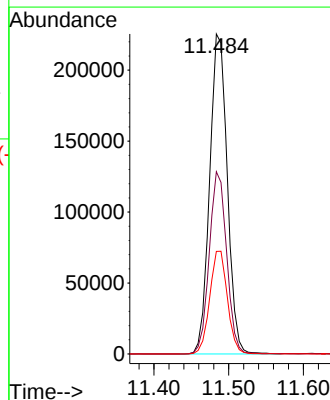
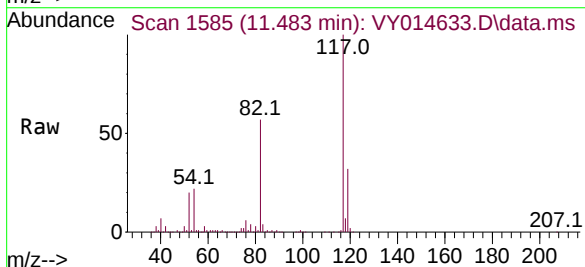
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-071223

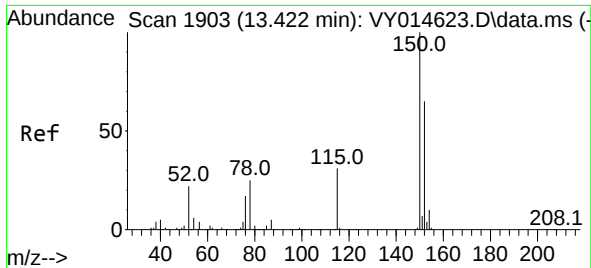
Tgt Ion: 95 Resp: 180389
Ion Ratio Lower Upper
95 100
174 78.0 0.0 178.2
176 74.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

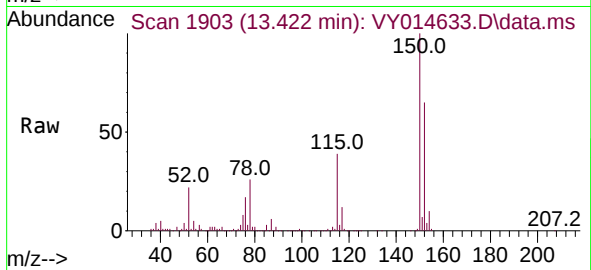
Tgt Ion: 117 Resp: 369116
Ion Ratio Lower Upper
117 100
82 56.9 43.4 65.0
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014633.D
 Acq: 13 Jul 2023 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-071223



Tgt Ion:152 Resp: 174465
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.8 86.5
 150 158.0 0.0 348.8

