

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014649.D
 Acq On : 14 Jul 2023 15:51
 Operator : SY/MD
 Sample : 03580-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1

Quant Time: Jul 14 23:11:42 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)

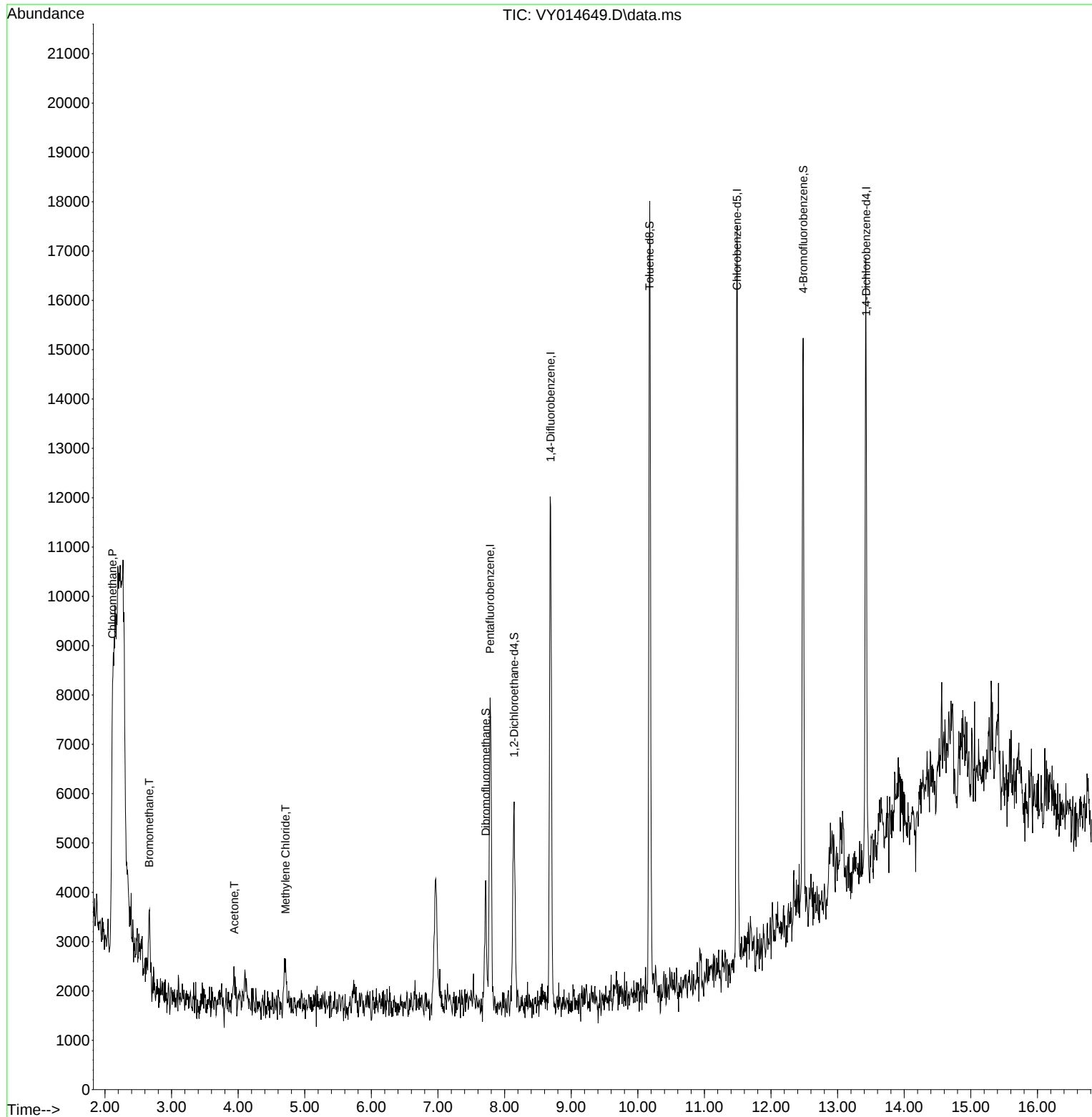
Internal Standards						
1) Pentafluorobenzene	7.783	168	5171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3423	58.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.180%
35) Dibromofluoromethane	7.716	113	1491	24.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.960%#
50) Toluene-d8	10.179	98	10636	47.375	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.483	95	4103	47.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.320%
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	658	13.894	ug/l #	88
5) Bromomethane	2.662	94	579	16.554	ug/l	96
16) Acetone	3.942	43	1124	60.195	ug/l	91
20) Methylene Chloride	4.710	84	595	6.101	ug/l #	77

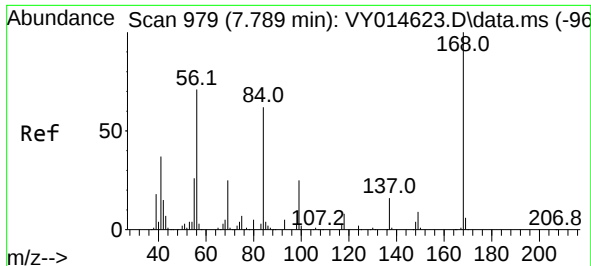
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

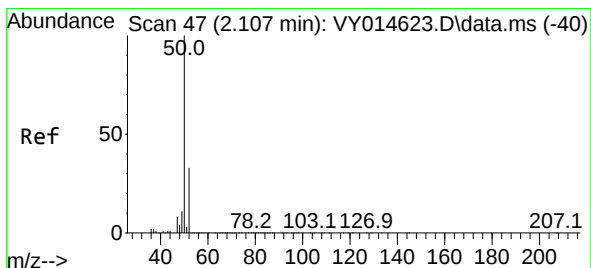
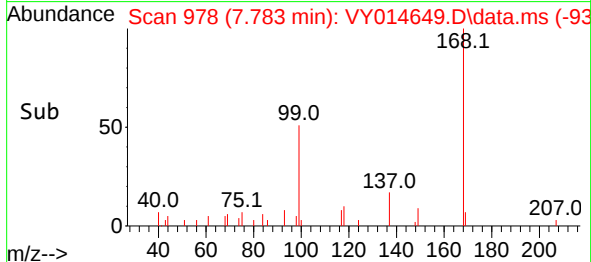
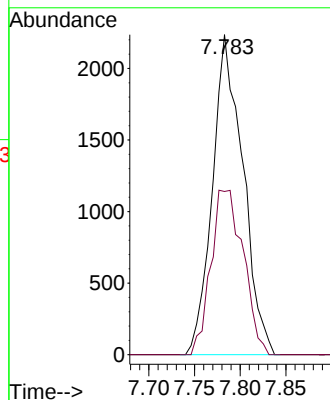
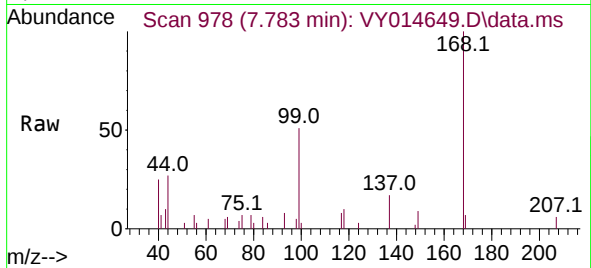




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014649.D
Acq: 14 Jul 2023 15:51

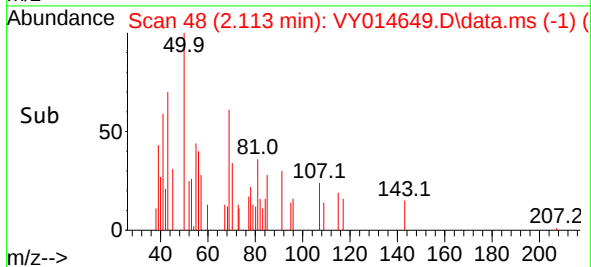
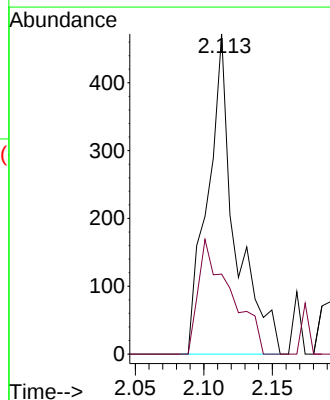
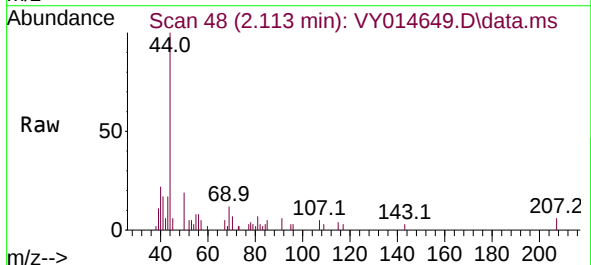
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

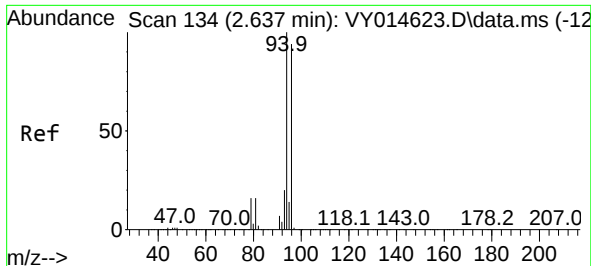
Tgt Ion:168 Resp: 5171
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#3
Chloromethane
Concen: 13.894 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014649.D
Acq: 14 Jul 2023 15:51

Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 25.0 25.4 38.2#

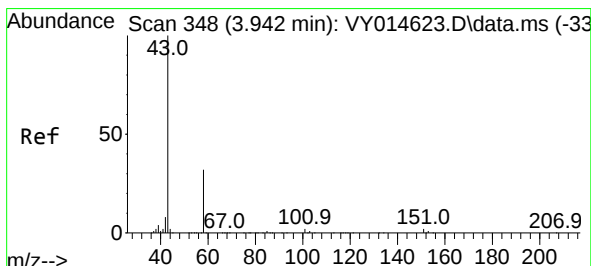
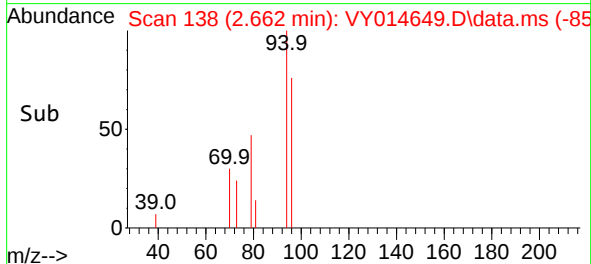
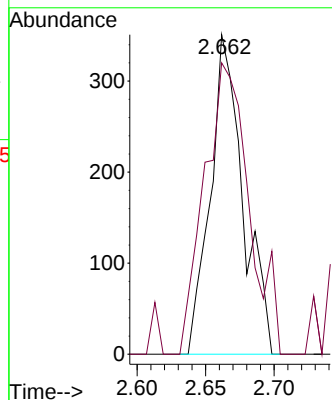
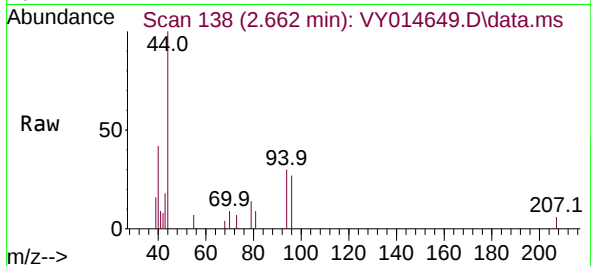




#5
Bromomethane
Concen: 16.554 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY014649.D
Acq: 14 Jul 2023 15:51

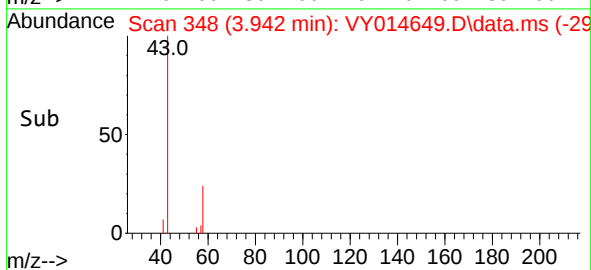
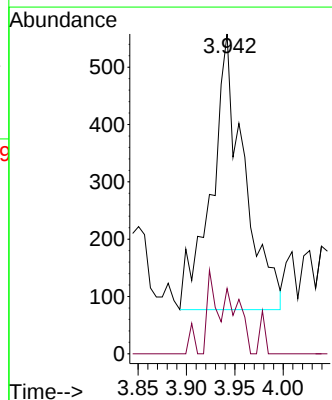
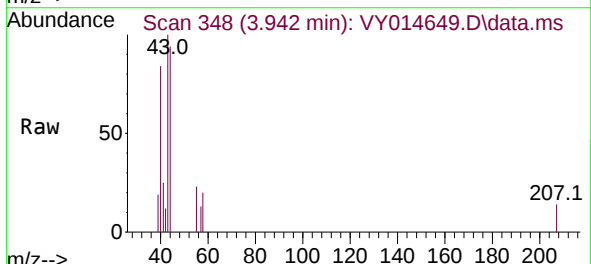
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

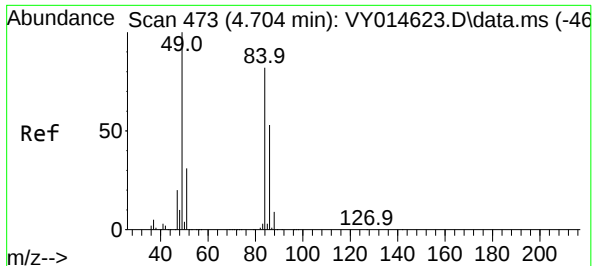
Tgt Ion: 94 Resp: 579
Ion Ratio Lower Upper
94 100
96 91.2 75.8 113.6



#16
Acetone
Concen: 60.195 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014649.D
Acq: 14 Jul 2023 15:51

Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 23.7 22.7 34.1

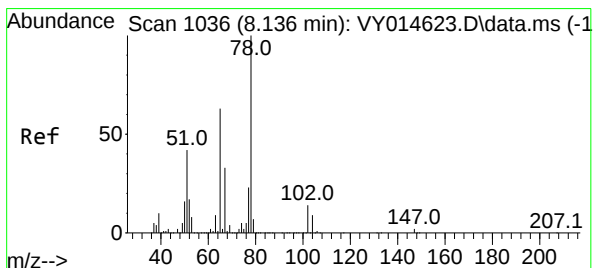
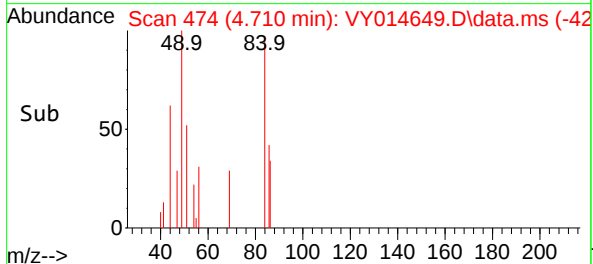
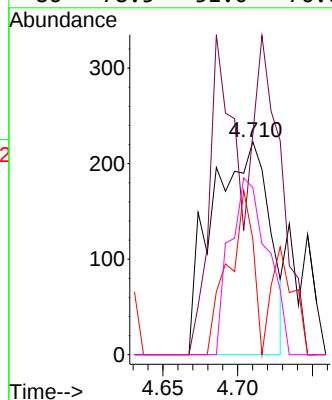
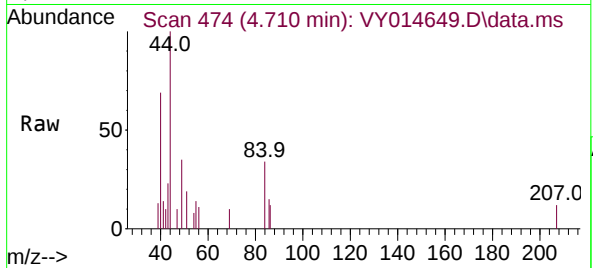




#20
Methylene Chloride
Concen: 6.101 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014649.D
Acq: 14 Jul 2023 15:51

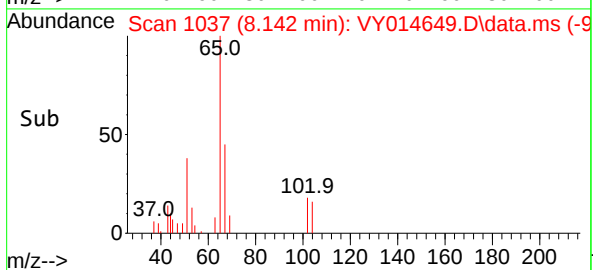
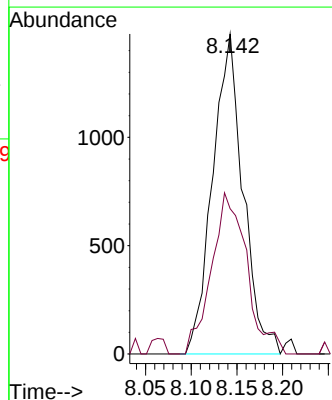
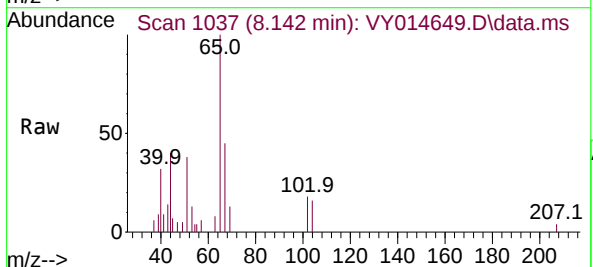
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

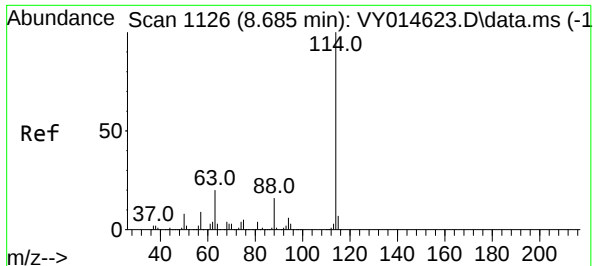
Tgt Ion: 84 Resp: 595
Ion Ratio Lower Upper
84 100
49 103.6 106.9 160.3#
51 54.3 33.2 49.8#
86 78.5 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 58.090 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014649.D
Acq: 14 Jul 2023 15:51

Tgt Ion: 65 Resp: 3423
Ion Ratio Lower Upper
65 100
67 58.3 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: VY014649.D

Acq: 14 Jul 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1

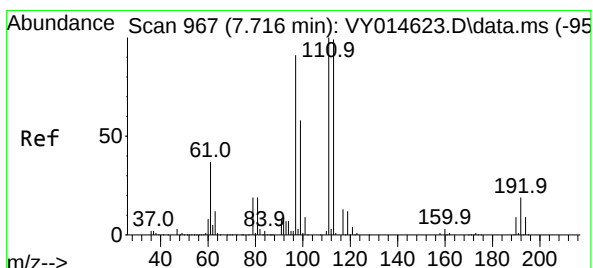
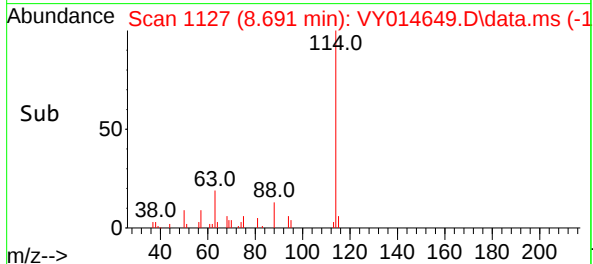
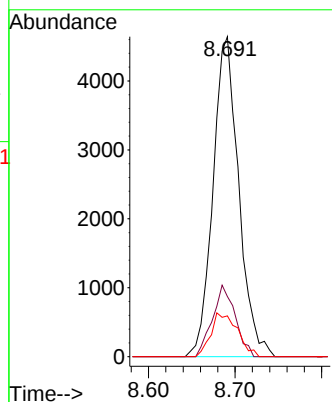
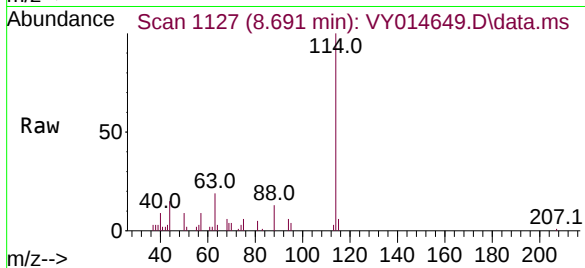
Tgt Ion:114 Resp: 9566

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 12.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 24.485 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014649.D

Acq: 14 Jul 2023 15:51

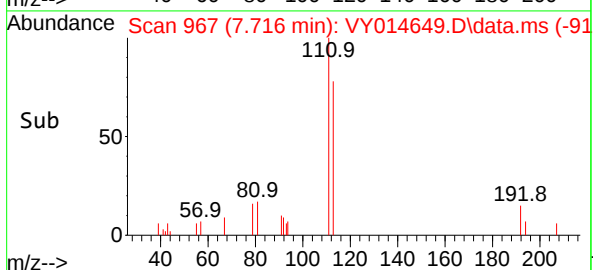
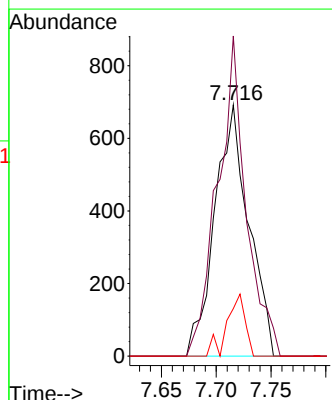
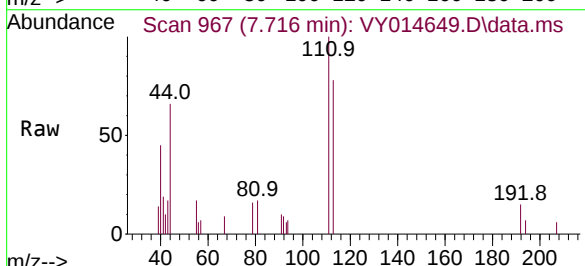
Tgt Ion:113 Resp: 1491

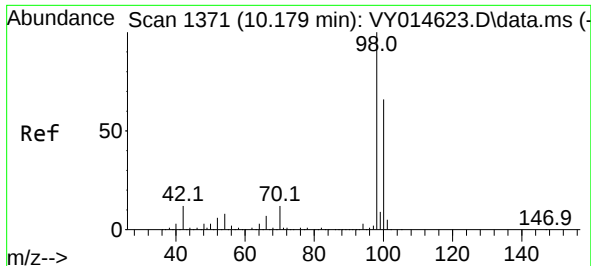
Ion Ratio Lower Upper

113 100

111 107.0 81.3 121.9

192 13.1 16.9 25.3#

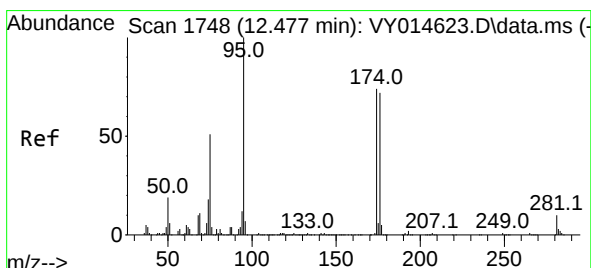
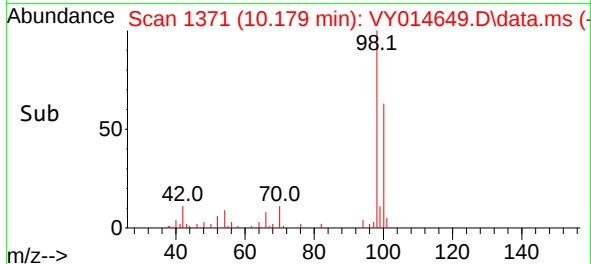
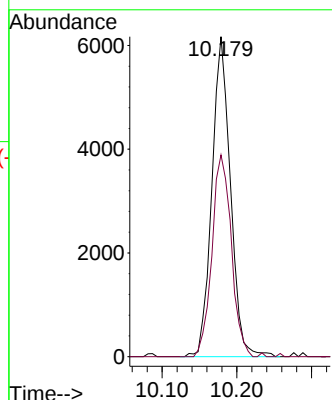
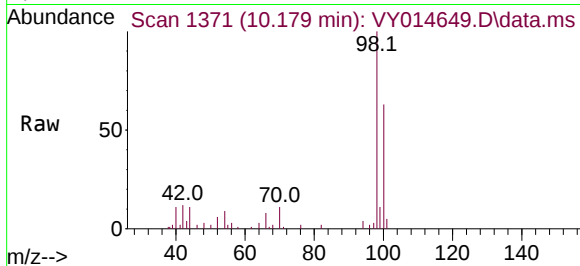




#50
Toluene-d8
Concen: 47.375 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014649.D
Acq: 14 Jul 2023 15:51

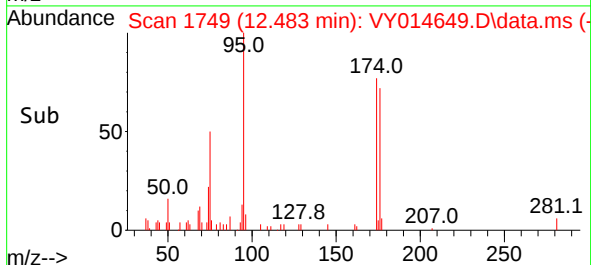
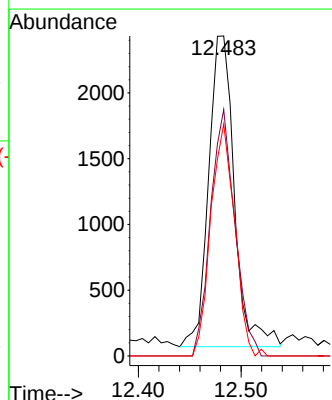
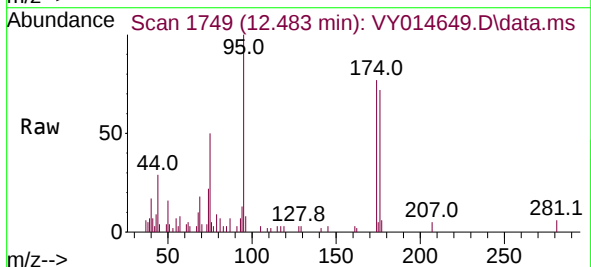
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

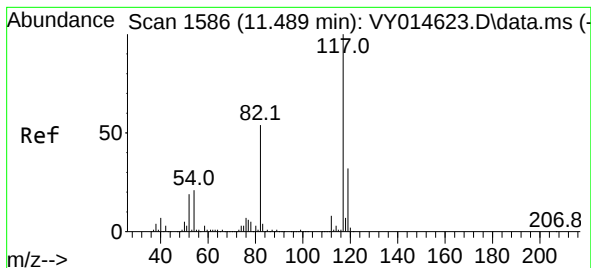
Tgt Ion: 98 Resp: 10636
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.663 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014649.D
Acq: 14 Jul 2023 15:51

Tgt Ion: 95 Resp: 4103
Ion Ratio Lower Upper
95 100
174 75.3 0.0 178.2
176 69.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014649.D

Acq: 14 Jul 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1

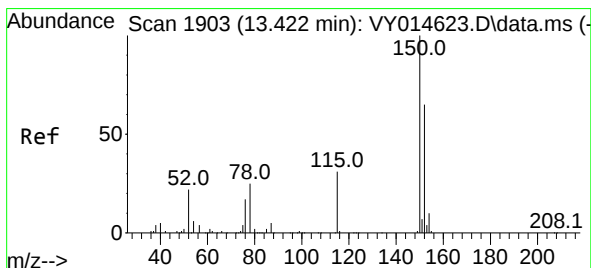
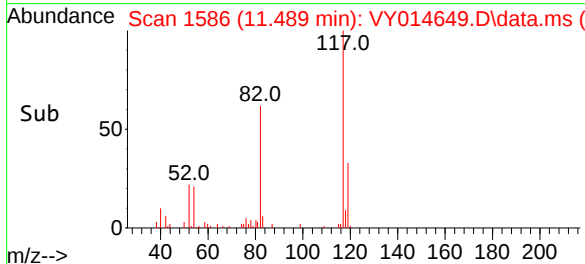
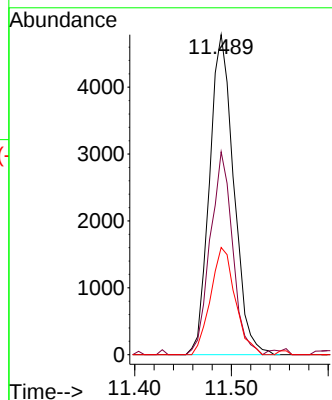
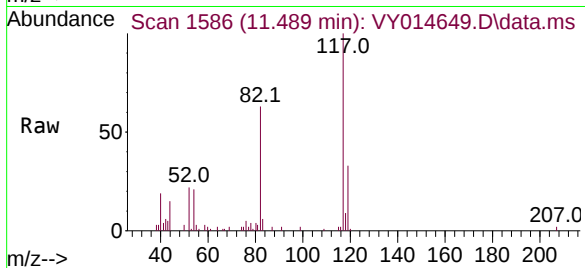
Tgt Ion:117 Resp: 8338

Ion Ratio Lower Upper

117 100

82 63.4 43.4 65.0

119 33.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014649.D

Acq: 14 Jul 2023 15:51

Tgt Ion:152 Resp: 3091

Ion Ratio Lower Upper

152 100

115 65.2 28.8 86.5

150 156.1 0.0 348.8

