

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016454.D
 Acq On : 22 Nov 2023 12:03
 Operator : SY/MD
 Sample : 05503-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 358

Quant Time: Nov 23 04:04:58 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)

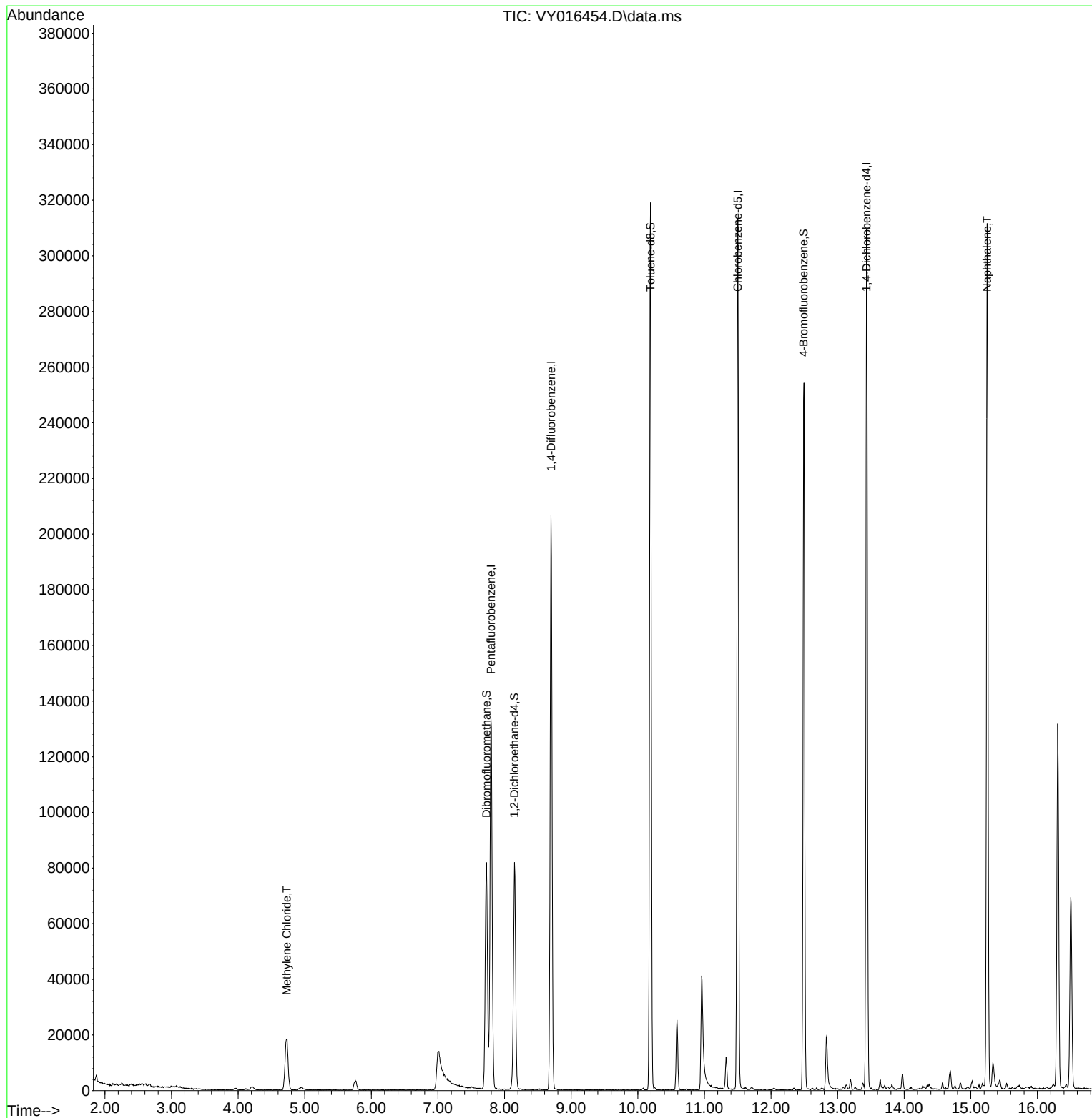
Internal Standards						
1) Pentafluorobenzene	7.795	168	108178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	182067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62920	63.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.280%
35) Dibromofluoromethane	7.728	113	58637	55.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.300%
50) Toluene-d8	10.191	98	216705	50.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.489	95	76697	55.265	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.520%
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	15906	11.056	ug/l #	82
95) Naphthalene	15.245	128	261942	97.874	ug/l	99

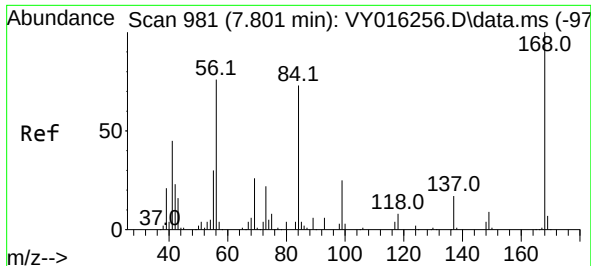
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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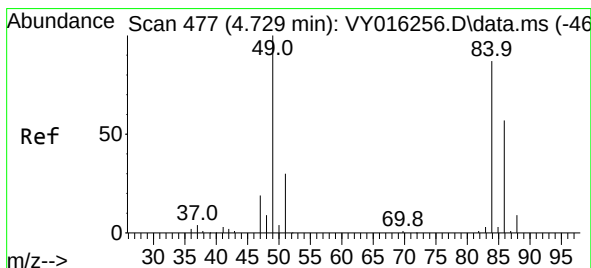
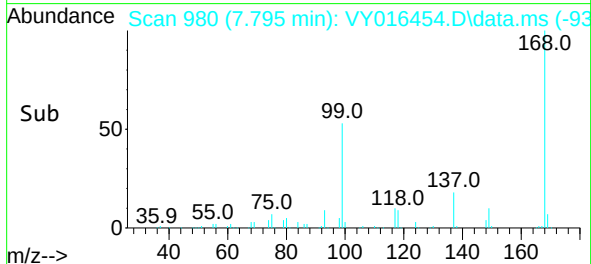
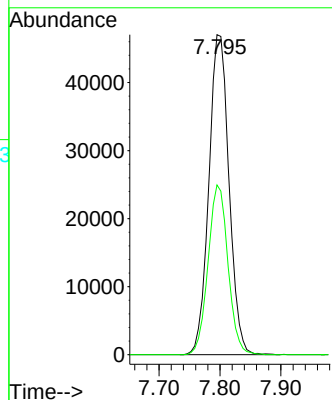
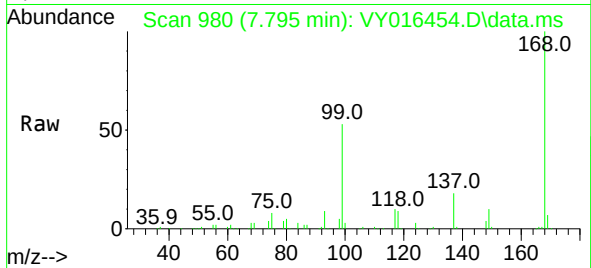




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

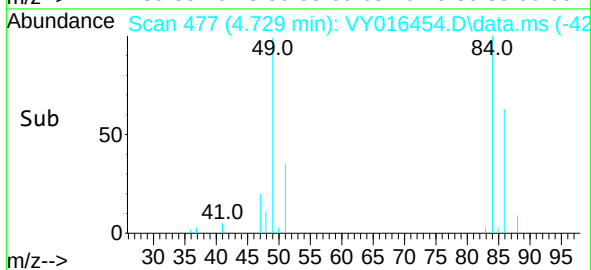
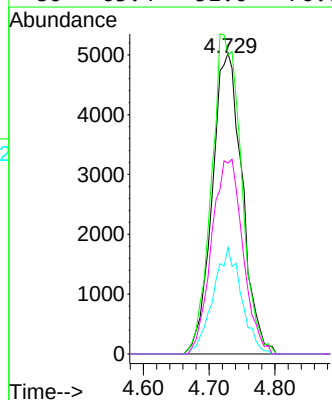
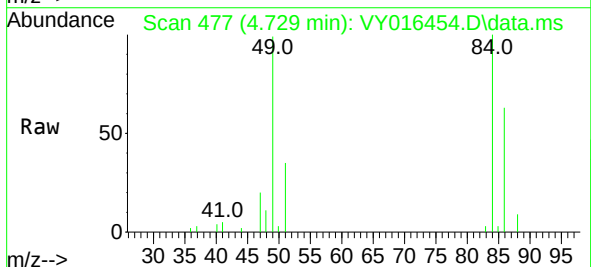
Instrument :
MSVOA_Y
ClientSampleId :
358

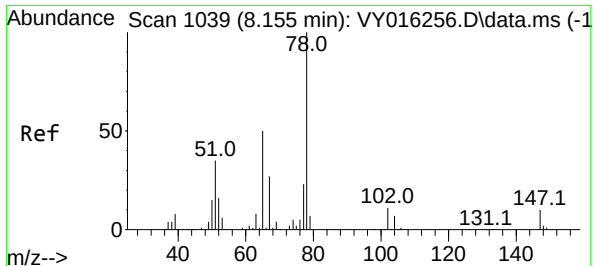
Tgt Ion:168 Resp: 108178
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#20
Methylene Chloride
Concen: 11.056 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

Tgt Ion: 84 Resp: 15906
Ion Ratio Lower Upper
84 100
49 99.3 106.9 160.3#
51 35.4 33.2 49.8
86 63.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.639 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

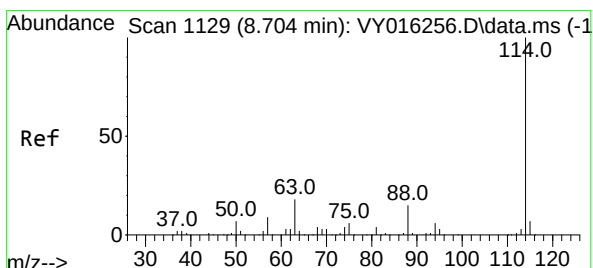
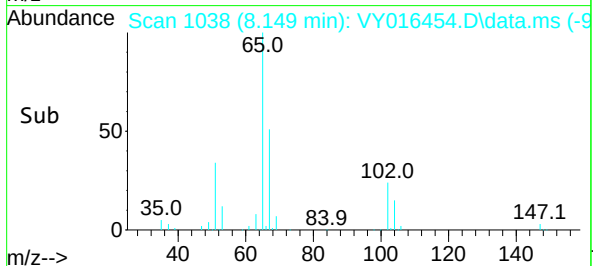
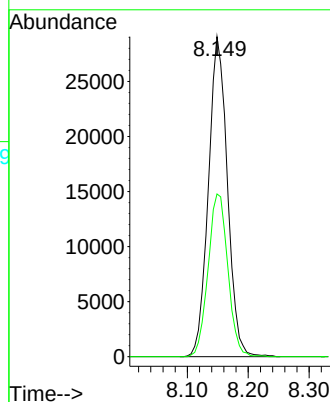
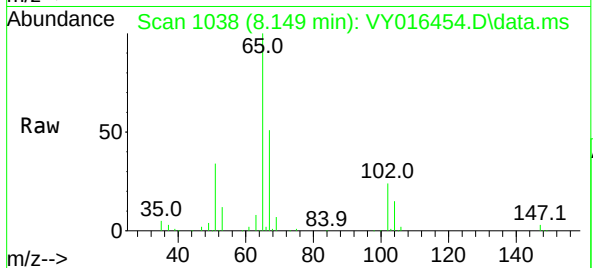
358

Tgt Ion: 65 Resp: 62920

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

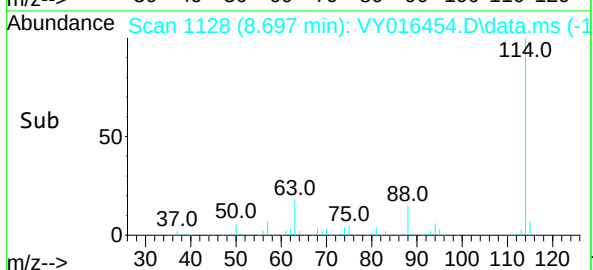
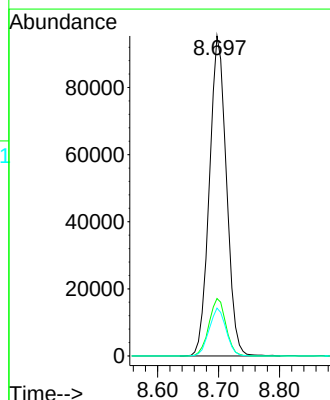
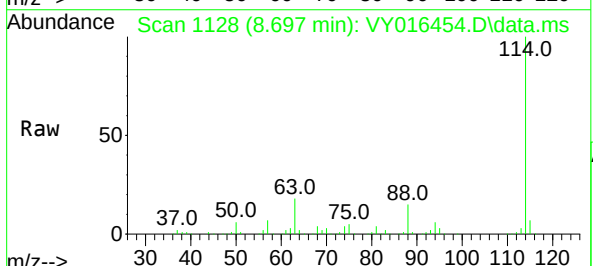
Tgt Ion: 114 Resp: 185491

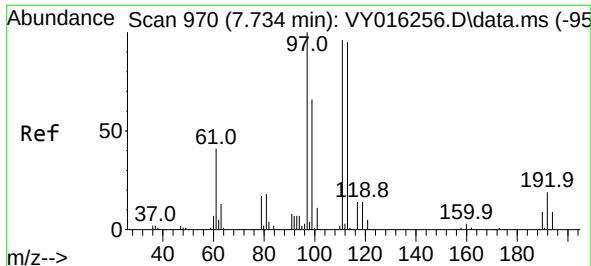
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 14.9 0.0 30.6

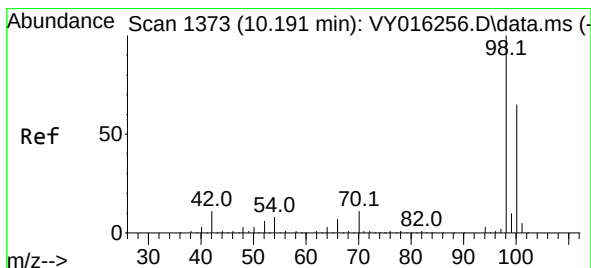
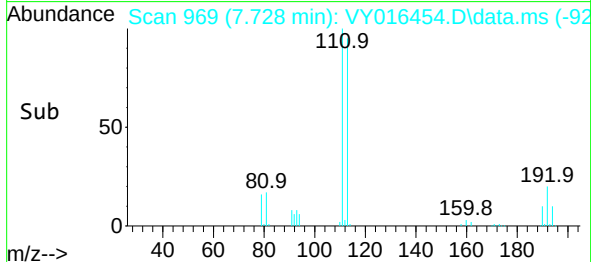
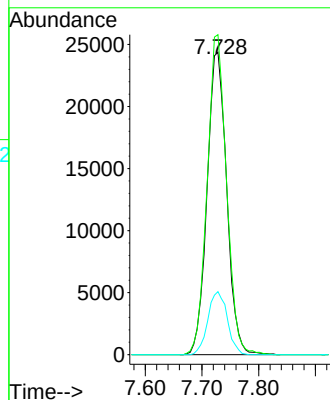
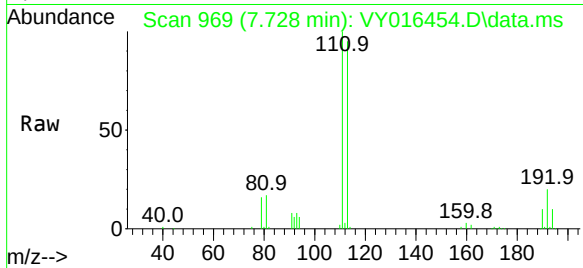




#35
 Dibromofluoromethane
 Concen: 55.648 ug/l
 RT: 7.728 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY016454.D
 Acq: 22 Nov 2023 12:03

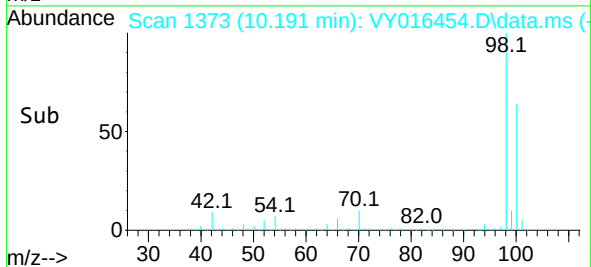
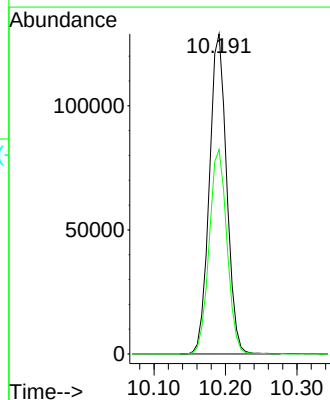
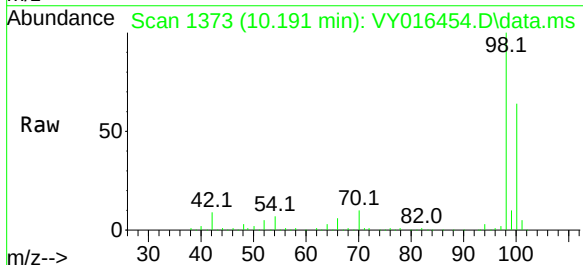
Instrument :
 MSVOA_Y
 ClientSampleId :
 358

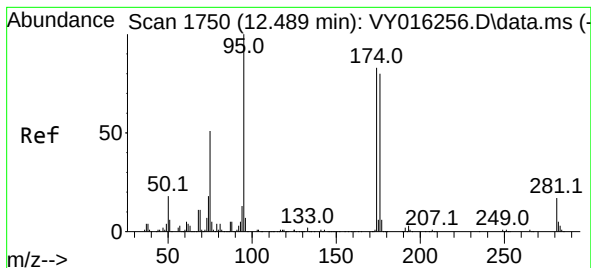
Tgt Ion:113 Resp: 58637
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.3 121.9
 192 20.6 16.9 25.3



#50
 Toluene-d8
 Concen: 50.715 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.000 min
 Lab File: VY016454.D
 Acq: 22 Nov 2023 12:03

Tgt Ion: 98 Resp: 216705
 Ion Ratio Lower Upper
 98 100
 100 65.5 50.1 75.1

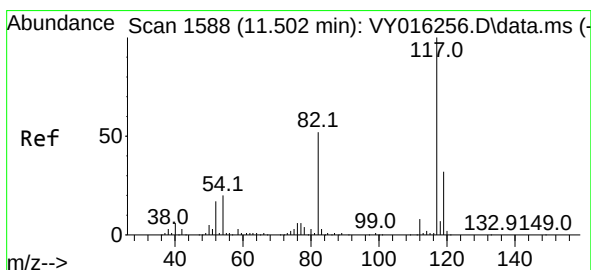
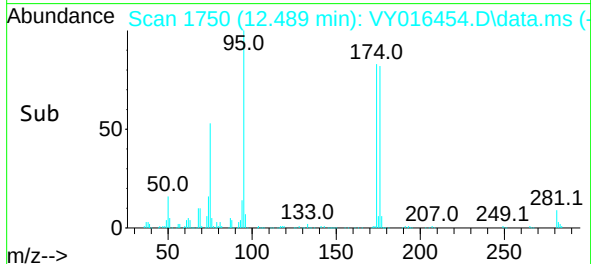
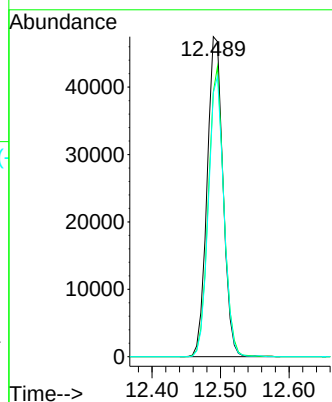
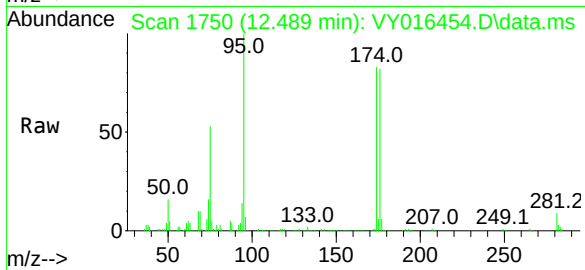




#62
4-Bromofluorobenzene
Concen: 55.265 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

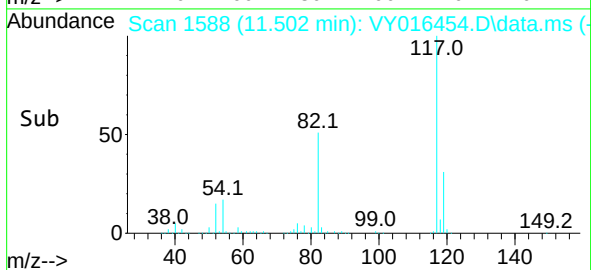
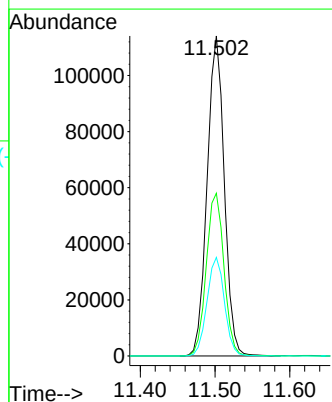
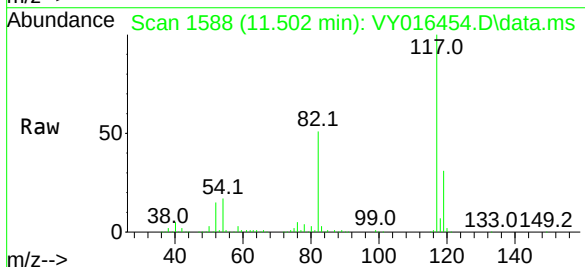
Instrument :
MSVOA_Y
ClientSampleId :
358

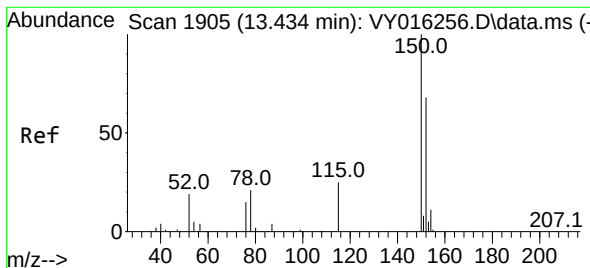
Tgt Ion: 95 Resp: 76697
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.2
176 85.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016454.D
Acq: 22 Nov 2023 12:03

Tgt Ion: 117 Resp: 182067
Ion Ratio Lower Upper
117 100
82 50.9 43.4 65.0
119 30.8 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: VY016454.D

Acq: 22 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

358

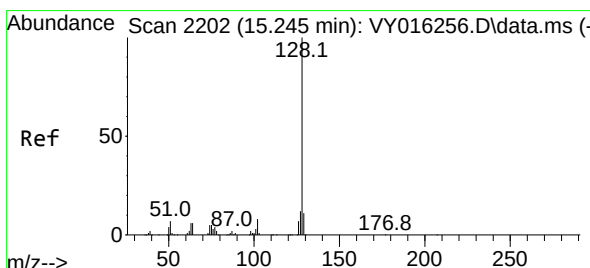
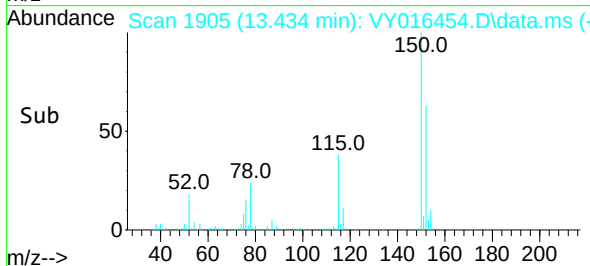
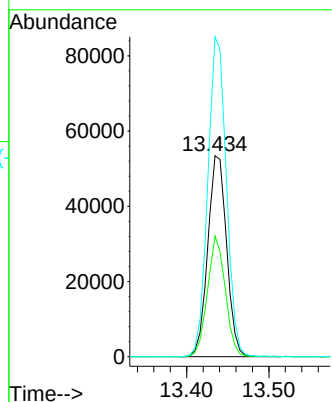
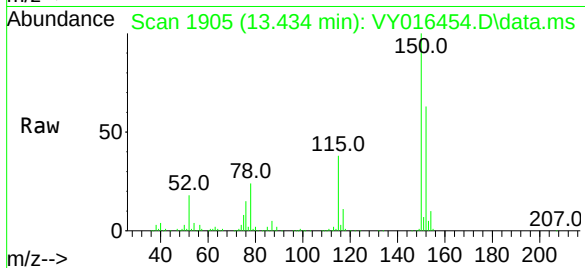
Tgt Ion:152 Resp: 84966

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 156.9 0.0 348.8



#95

Naphthalene

Concen: 97.874 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016454.D

Acq: 22 Nov 2023 12:03

Tgt Ion:128 Resp: 261942

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0

