

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016455.D
 Acq On : 22 Nov 2023 12:26
 Operator : SY/MD
 Sample : 05503-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

Quant Time: Nov 23 04:05:17 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)

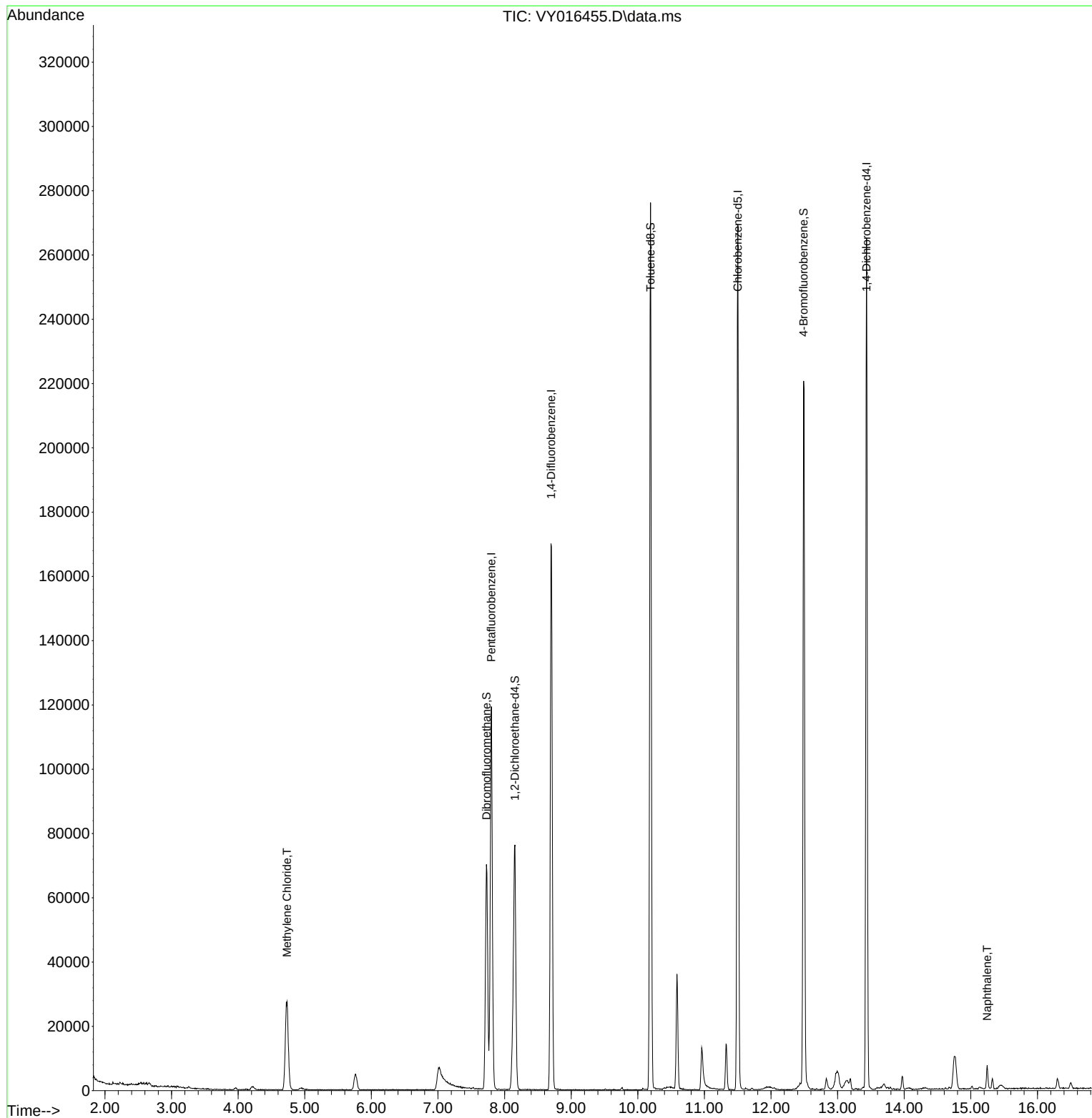
Internal Standards						
1) Pentafluorobenzene	7.801	168	92709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	153229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55366	65.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.680%	
35) Dibromofluoromethane	7.728	113	50752	56.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.580%	
50) Toluene-d8	10.191	98	185698	50.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.489	95	65382	55.055	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.100%	
Target Compounds						Qvalue
20) Methylene Chloride	4.734	84	23803	22.098	ug/l	# 78
95) Naphthalene	15.245	128	6040	2.691	ug/l	98

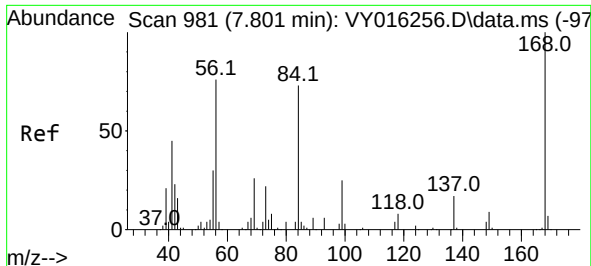
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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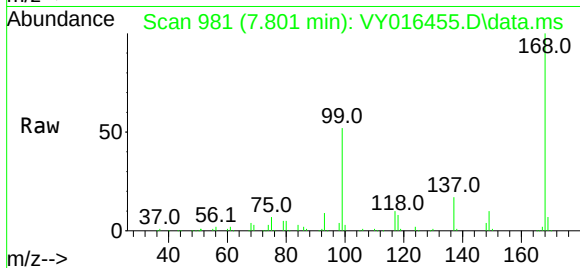
Quant Time: Nov 23 04:05:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



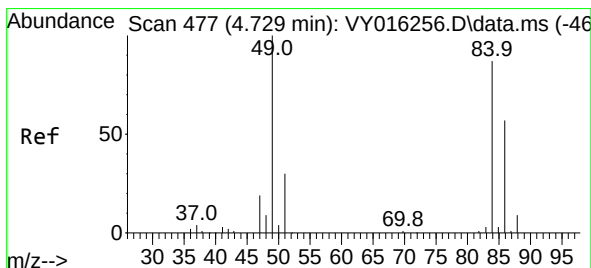
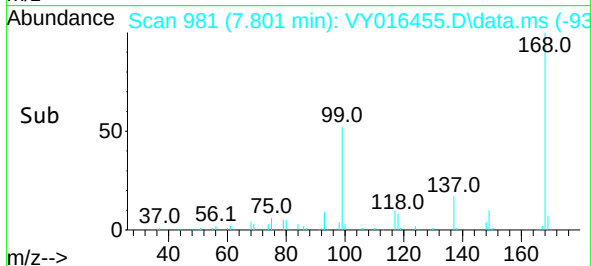
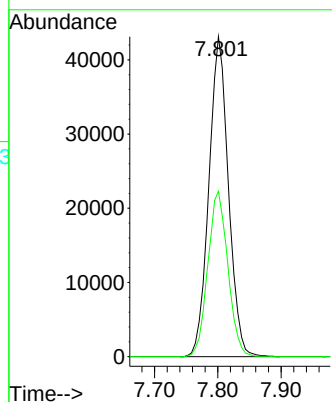


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
72-11998

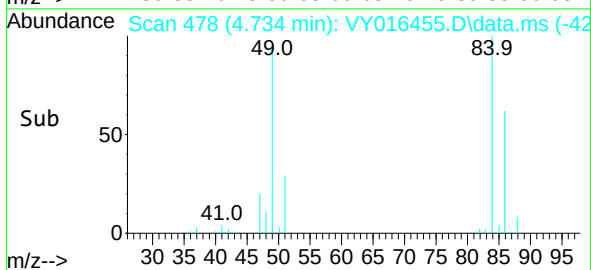
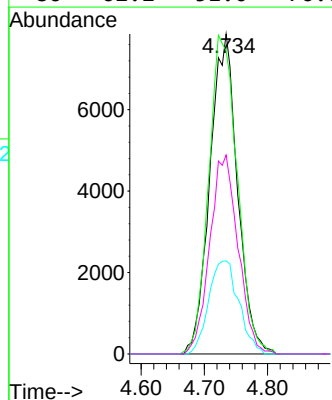
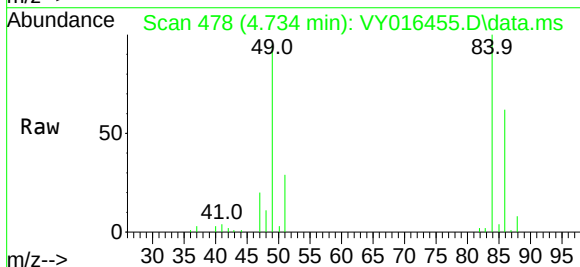


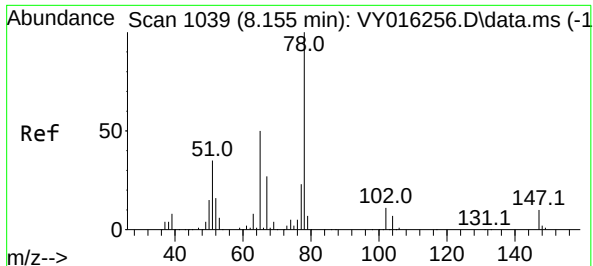
Tgt Ion:168 Resp: 92709
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#20
Methylene Chloride
Concen: 22.098 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

Tgt Ion: 84 Resp: 23803
Ion Ratio Lower Upper
84 100
49 94.8 106.9 160.3#
51 29.1 33.2 49.8#
86 62.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 65.342 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016455.D

Acq: 22 Nov 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

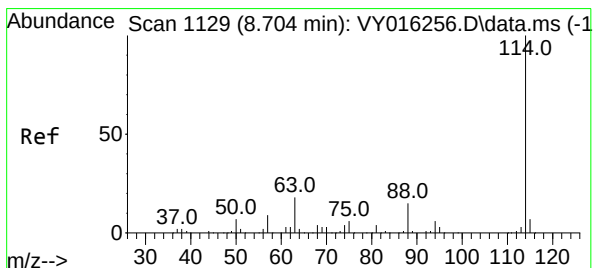
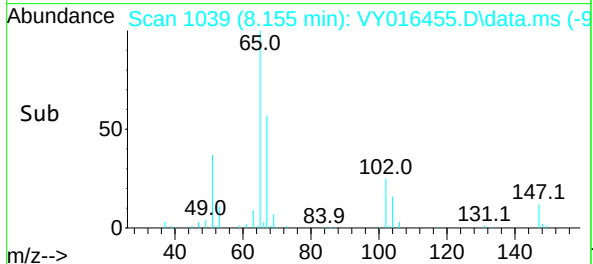
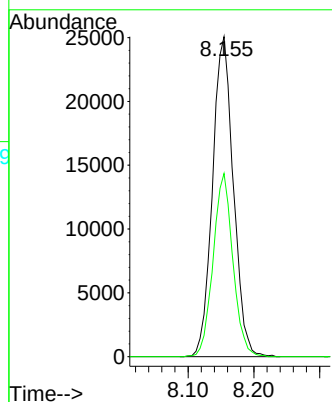
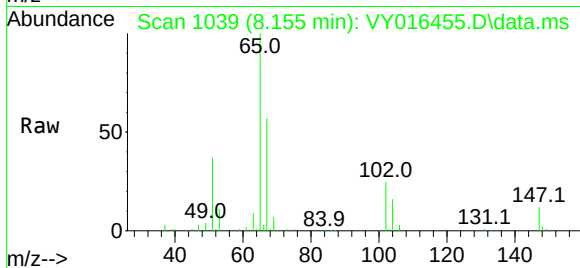
72-11998

Tgt Ion: 65 Resp: 55366

Ion Ratio Lower Upper

65 100

67 54.2 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: VY016455.D

Acq: 22 Nov 2023 12:26

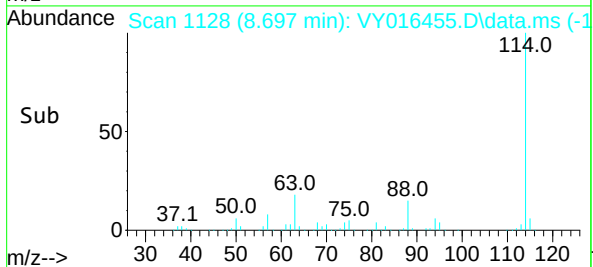
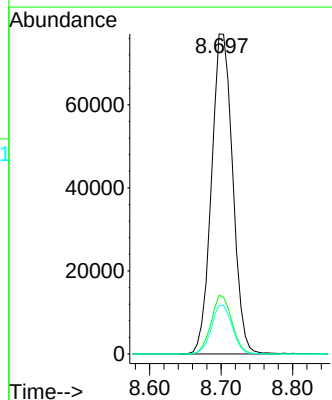
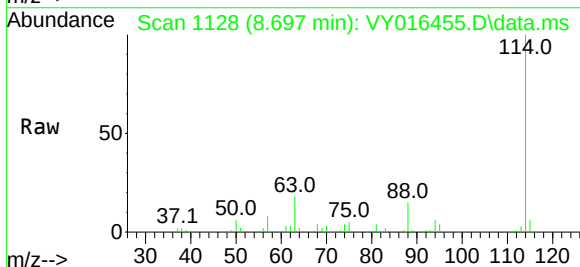
Tgt Ion: 114 Resp: 158729

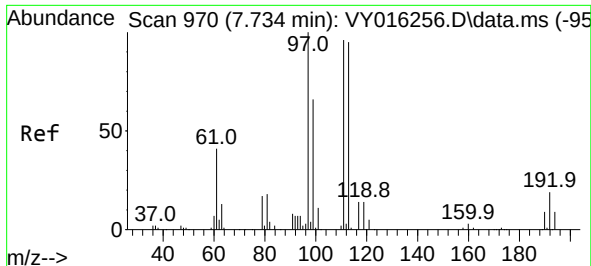
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.1 0.0 30.6

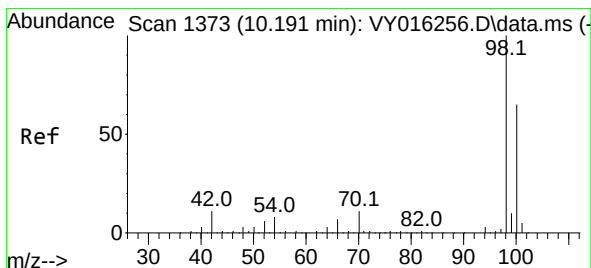
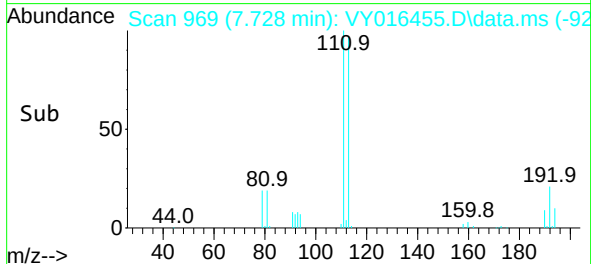
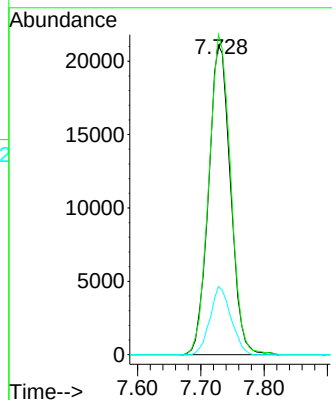
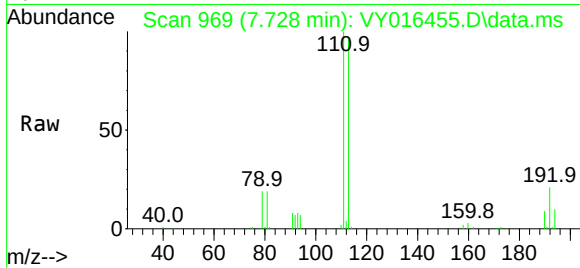




#35
 Dibromofluoromethane
 Concen: 56.286 ug/l
 RT: 7.728 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY016455.D
 Acq: 22 Nov 2023 12:26

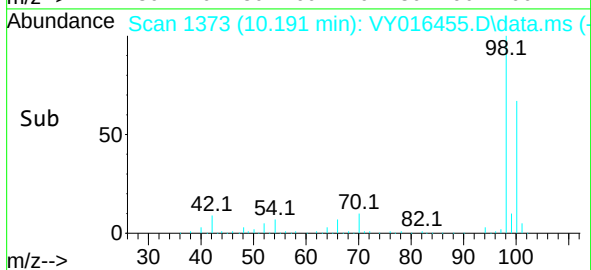
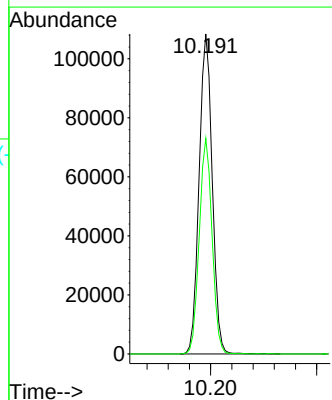
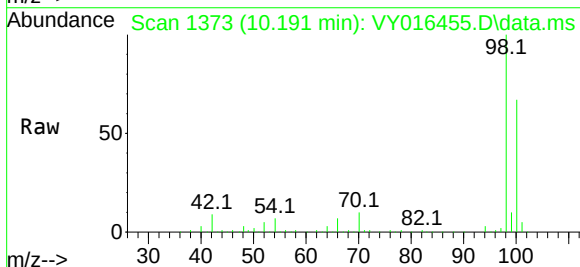
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

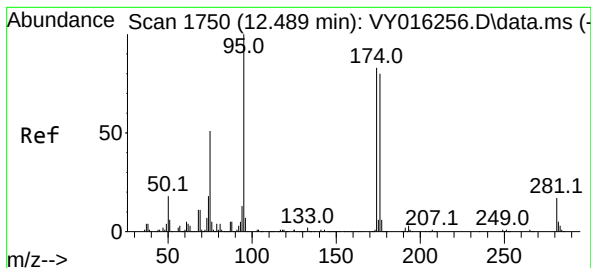
Tgt Ion:113 Resp: 50752
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.3 121.9
 192 21.0 16.9 25.3



#50
 Toluene-d8
 Concen: 50.786 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.000 min
 Lab File: VY016455.D
 Acq: 22 Nov 2023 12:26

Tgt Ion: 98 Resp: 185698
 Ion Ratio Lower Upper
 98 100
 100 65.8 50.1 75.1

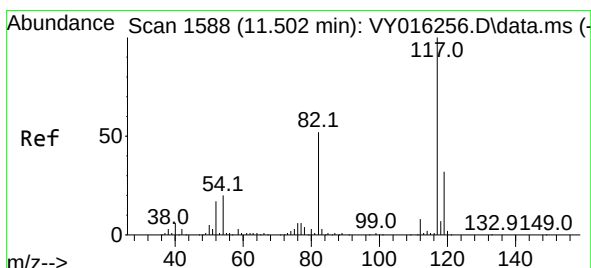
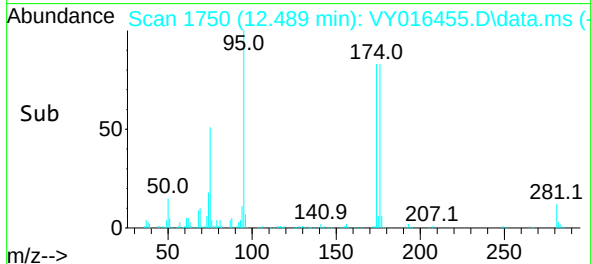
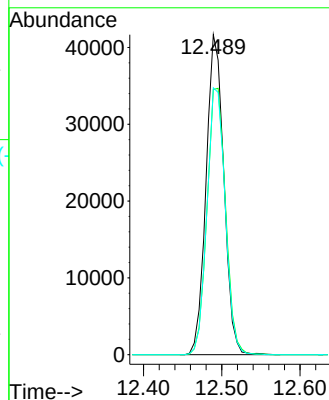
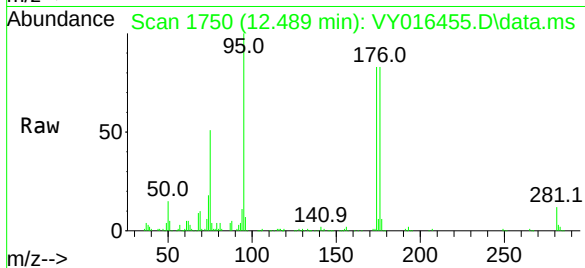




#62
4-Bromofluorobenzene
Concen: 55.055 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

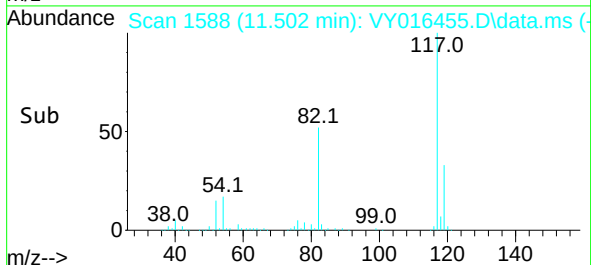
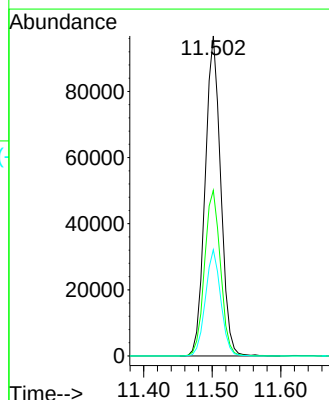
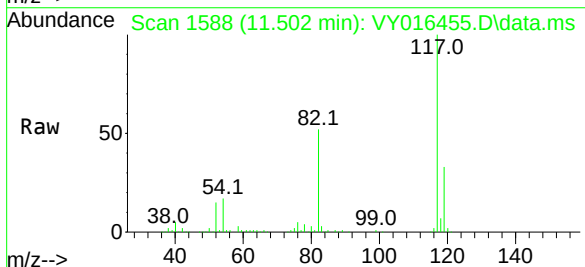
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

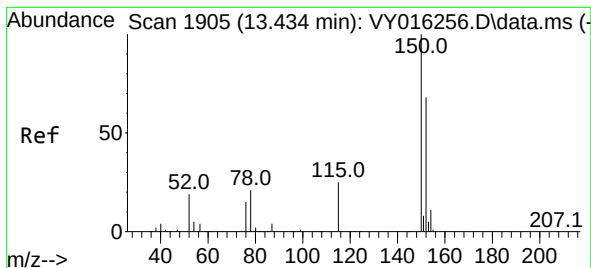
Tgt Ion: 95 Resp: 65382
Ion Ratio Lower Upper
95 100
174 87.1 0.0 178.2
176 85.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

Tgt Ion: 117 Resp: 153229
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 33.2 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: VY016455.D

Acq: 22 Nov 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

72-11998

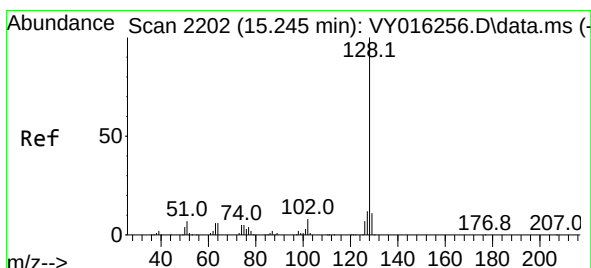
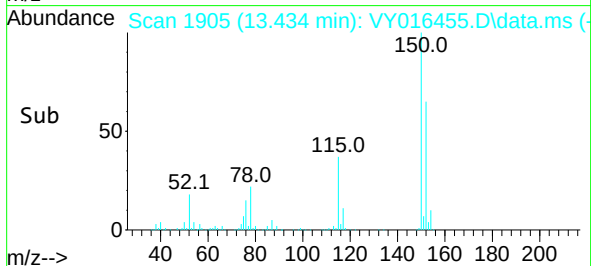
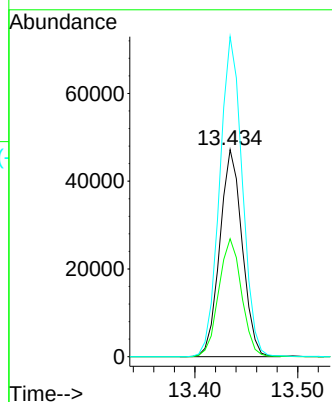
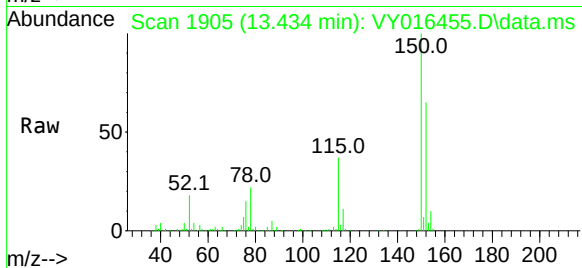
Tgt Ion:152 Resp: 71261

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.0 0.0 348.8



#95

Naphthalene

Concen: 2.691 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016455.D

Acq: 22 Nov 2023 12:26

Tgt Ion:128 Resp: 6040

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.5 8.6 13.0

