

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016395.D
 Acq On : 16 Nov 2023 17:14
 Operator : SY/MD
 Sample : 05420-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12018

Quant Time: Nov 17 04:09:12 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)

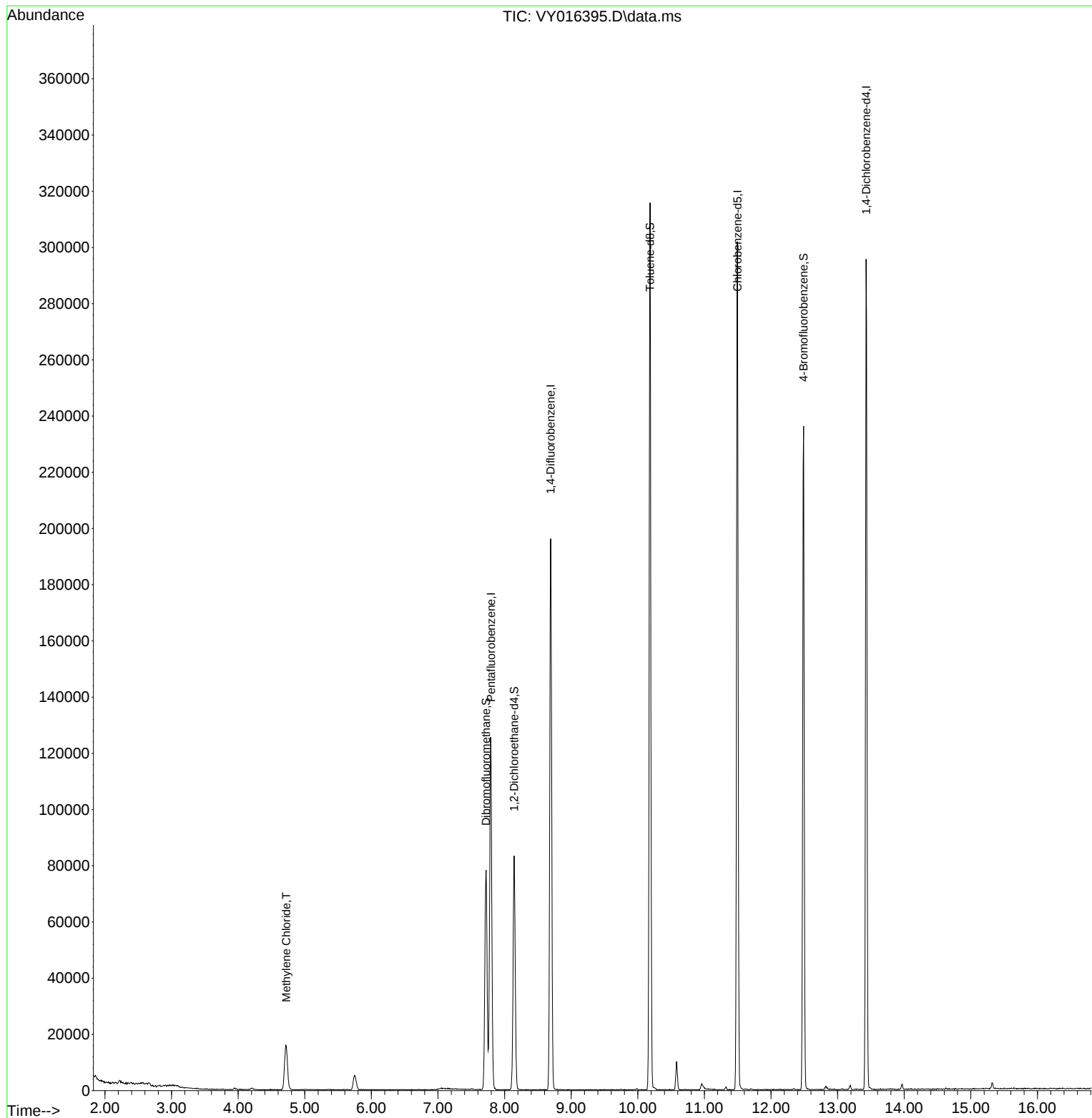
Internal Standards						
1) Pentafluorobenzene	7.795	168	98657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176765	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	169757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63652	70.592	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.180%	
35) Dibromofluoromethane	7.722	113	56143	55.912	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.820%	
50) Toluene-d8	10.185	98	207918	51.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.489	95	72574	54.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.760%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	13100	9.622	ug/l	# 84

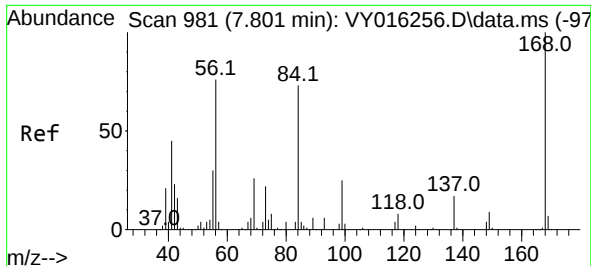
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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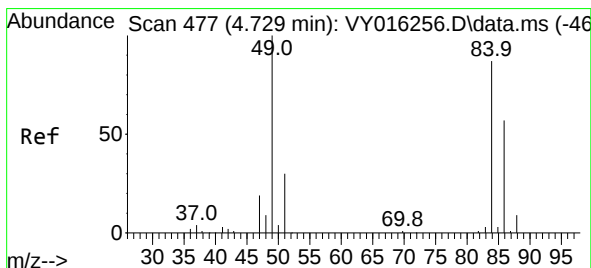
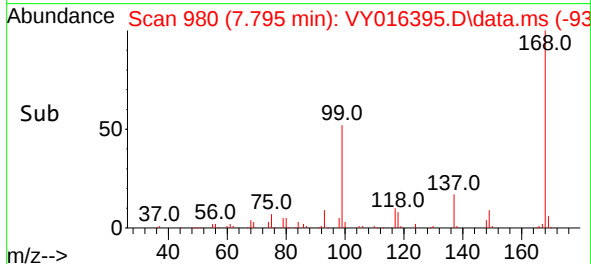
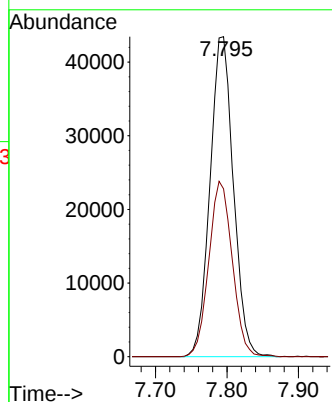
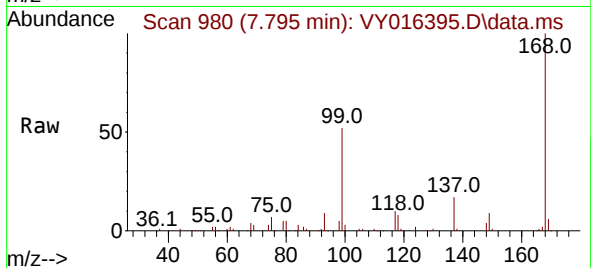




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

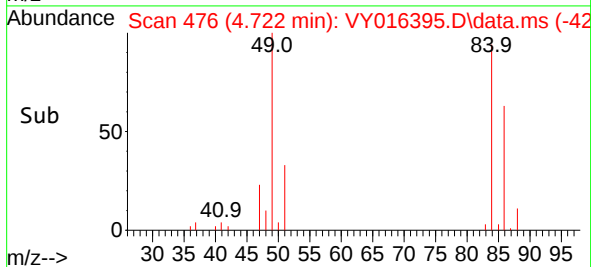
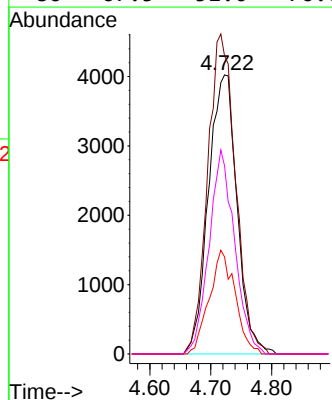
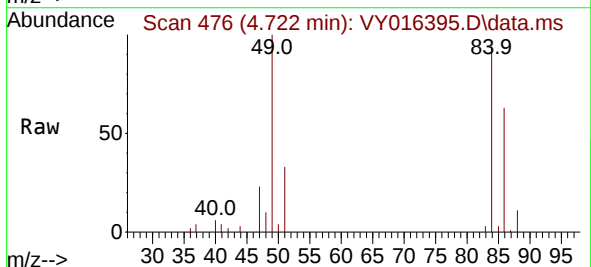
Instrument :
MSVOA_Y
ClientSampleId :
72-12018

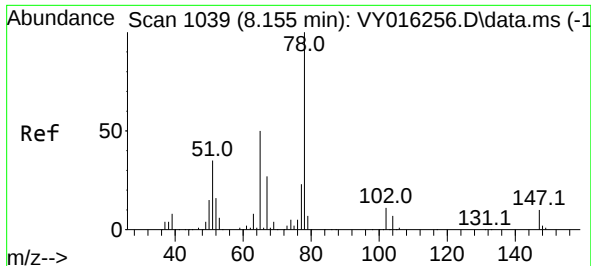
Tgt Ion:168 Resp: 98657
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#20
Methylene Chloride
Concen: 9.622 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Tgt Ion: 84 Resp: 13100
Ion Ratio Lower Upper
84 100
49 106.9 106.9 160.3#
51 34.8 33.2 49.8
86 67.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 70.592 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.012 min

Lab File: VY016395.D

Acq: 16 Nov 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

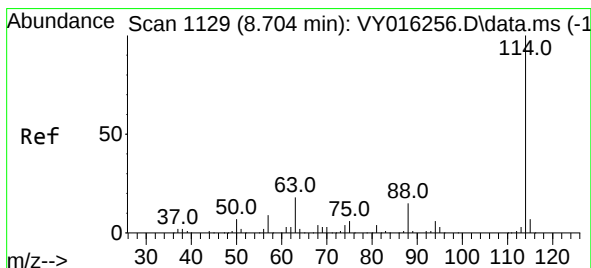
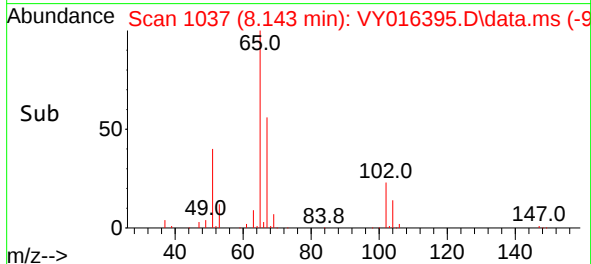
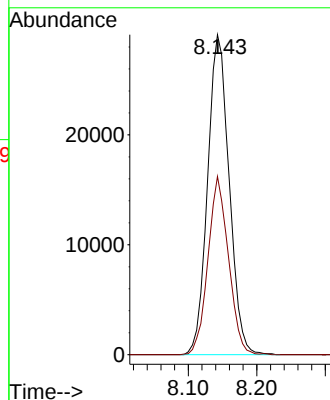
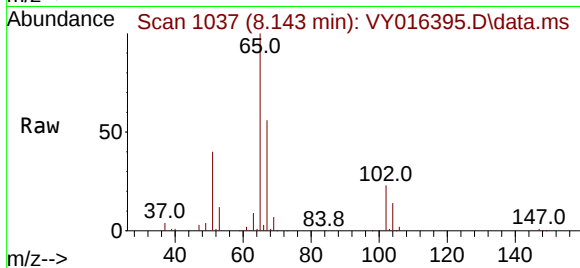
72-12018

Tgt Ion: 65 Resp: 63652

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016395.D

Acq: 16 Nov 2023 17:14

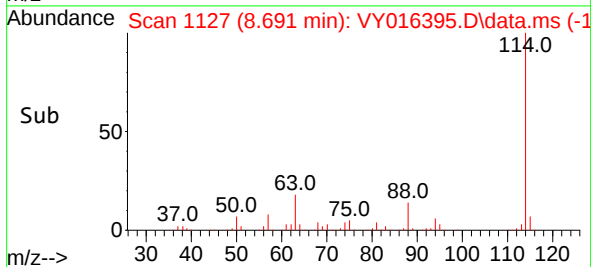
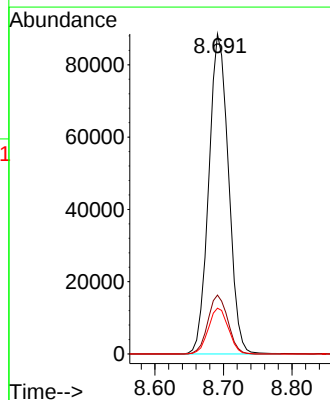
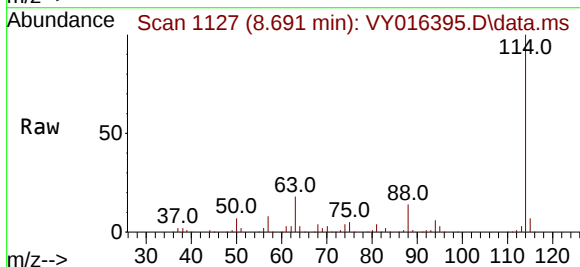
Tgt Ion: 114 Resp: 176765

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.912 ug/l

RT: 7.722 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY016395.D

Acq: 16 Nov 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

72-12018

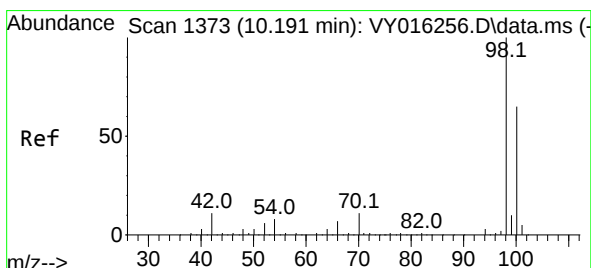
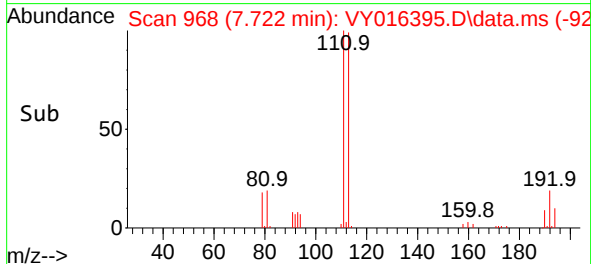
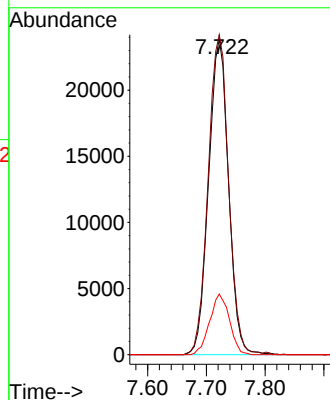
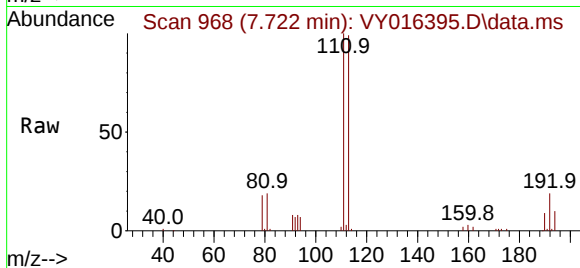
Tgt Ion:113 Resp: 56143

Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 19.1 16.9 25.3



#50

Toluene-d8

Concen: 51.061 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016395.D

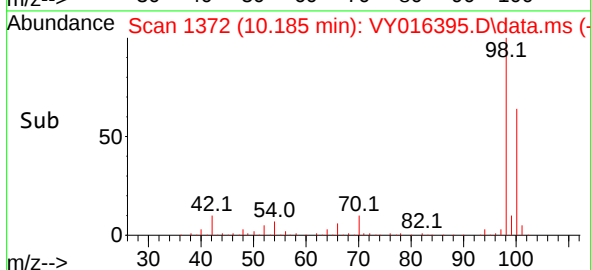
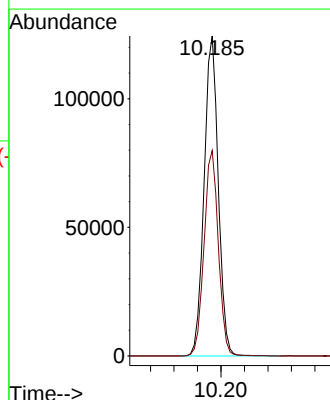
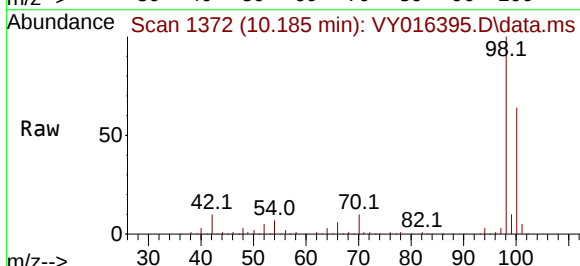
Acq: 16 Nov 2023 17:14

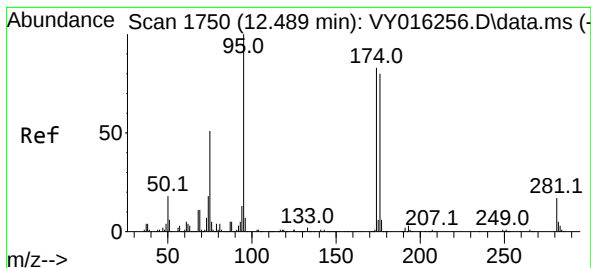
Tgt Ion: 98 Resp: 207918

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

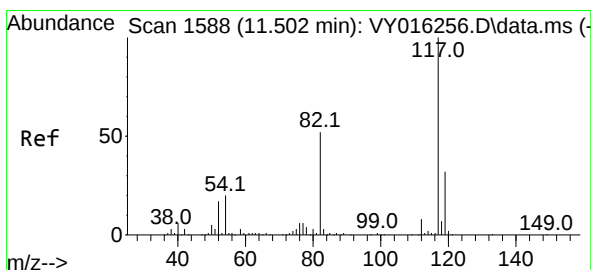
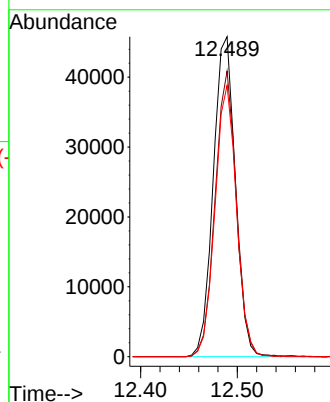
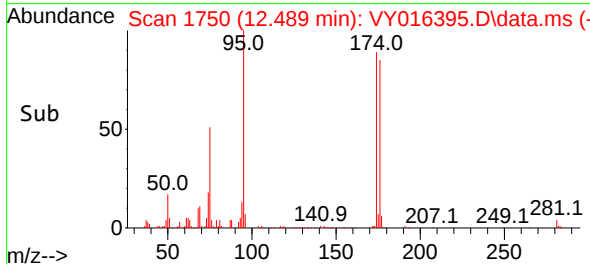
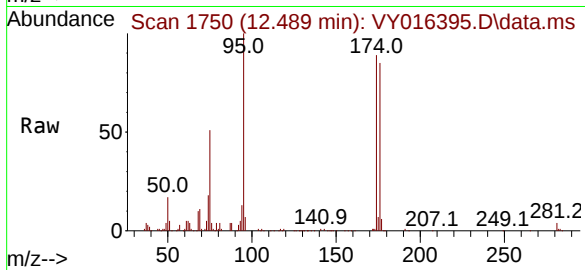




#62
4-Bromofluorobenzene
Concen: 54.876 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

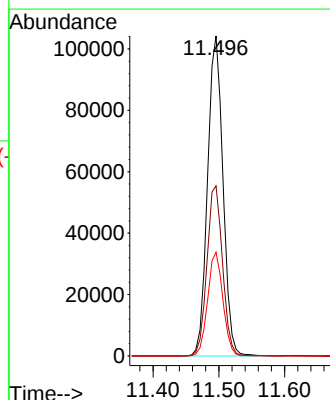
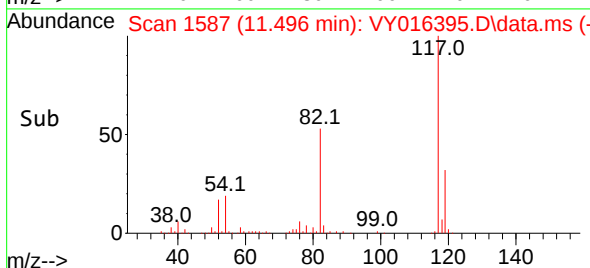
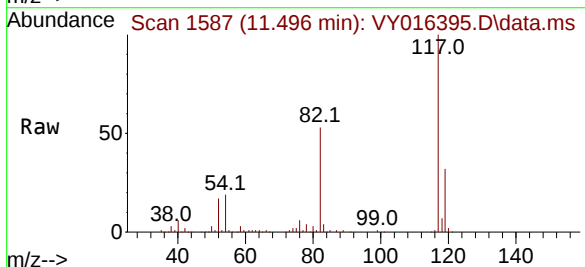
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Tgt Ion: 95 Resp: 72574
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Tgt Ion: 117 Resp: 169757
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.4 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: VY016395.D

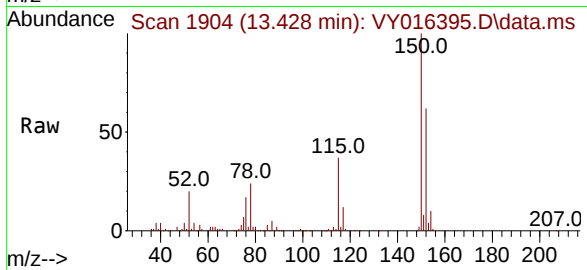
Acq: 16 Nov 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

72-12018



Tgt Ion:152 Resp: 78321

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 155.8 0.0 348.8

