

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016383.D
 Acq On : 16 Nov 2023 12:55
 Operator : SY/MD
 Sample : 05446-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-111523A

Quant Time: Nov 17 04:04:45 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)

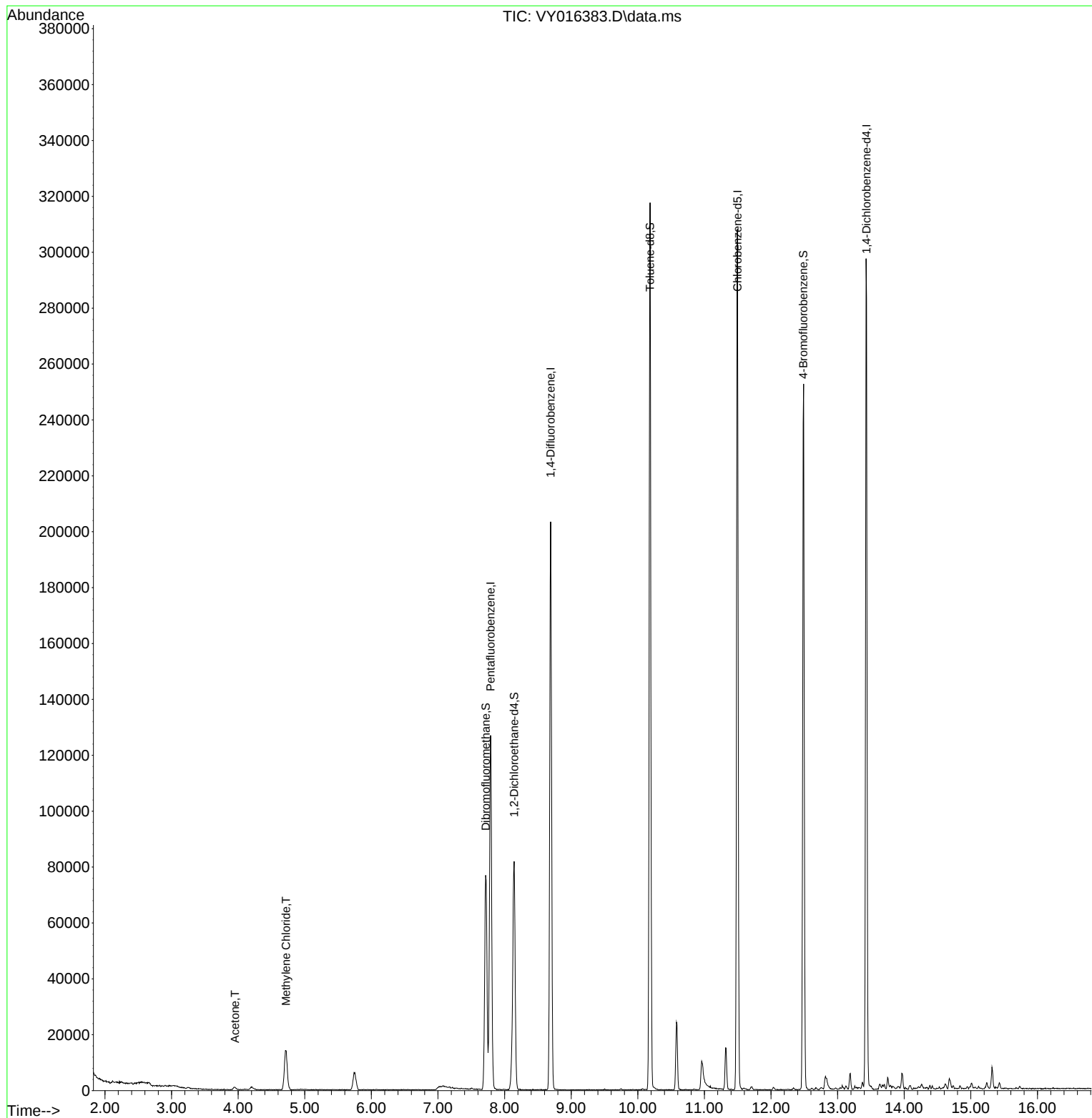
Internal Standards						
1) Pentafluorobenzene	7.789	168	100597	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	177648	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	173343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62242	67.697	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 135.400%		
35) Dibromofluoromethane	7.716	113	56676	56.162	ug/l	-0.02
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.320%		
50) Toluene-d8	10.185	98	209986	51.312	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 102.620%		
62) 4-Bromofluorobenzene	12.483	95	73154	55.039	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 110.080%		
Target Compounds						
						Qvalue
16) Acetone	3.954	43	1855	12.197	ug/l	98
20) Methylene Chloride	4.716	84	11581	7.845	ug/l #	84

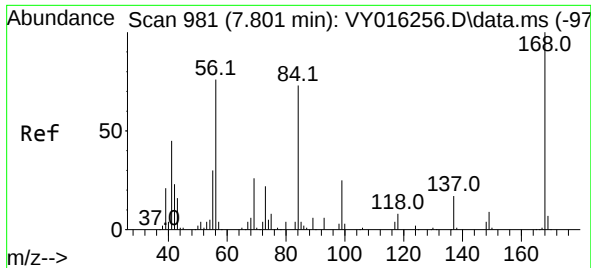
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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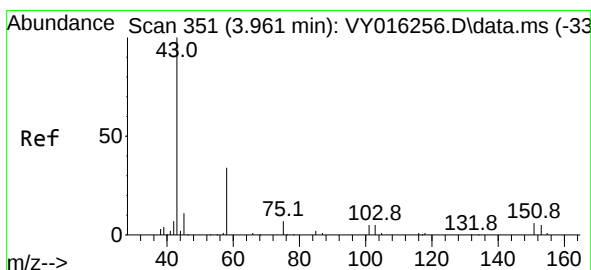
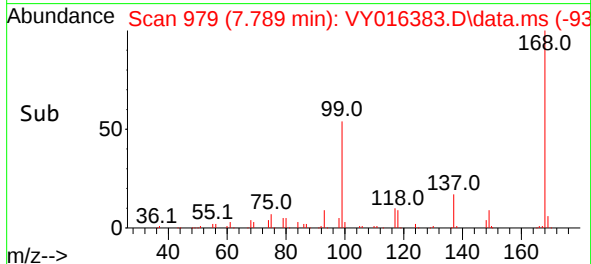
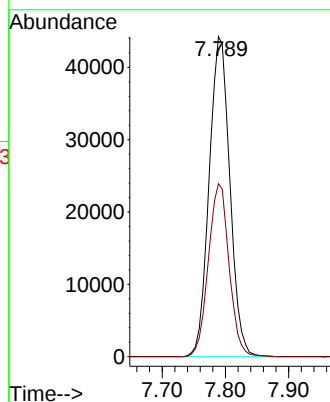
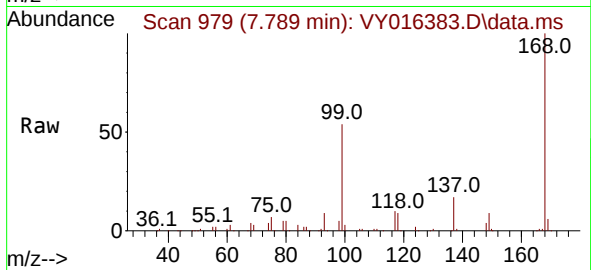




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

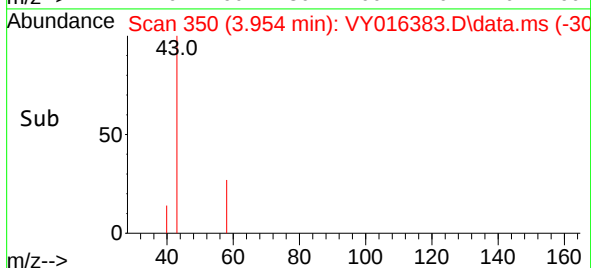
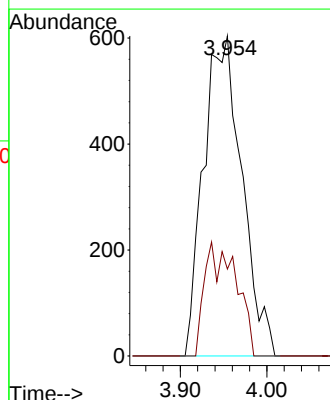
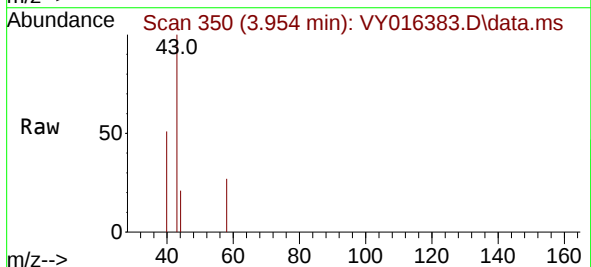
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-111523A

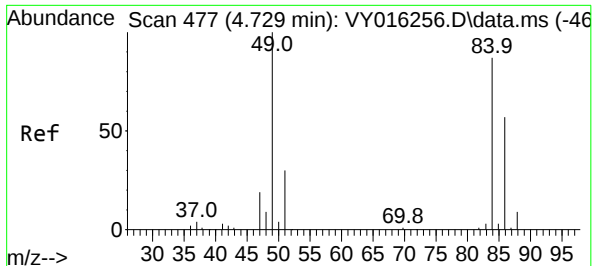
Tgt Ion:168 Resp: 100597
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#16
Acetone
Concen: 12.197 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Tgt Ion: 43 Resp: 1855
Ion Ratio Lower Upper
43 100
58 27.2 22.7 34.1

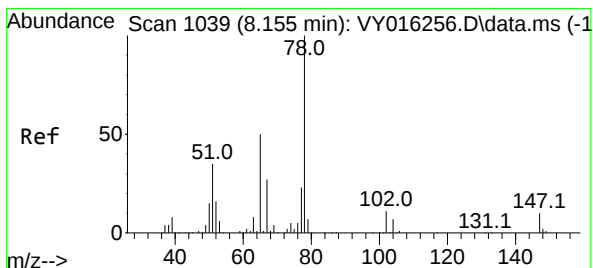
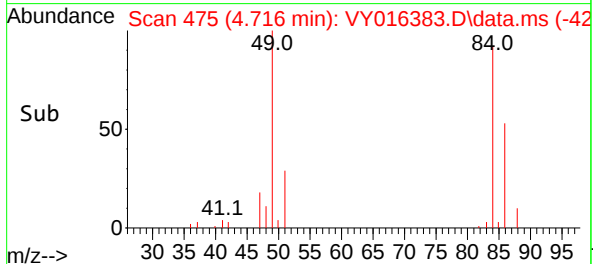
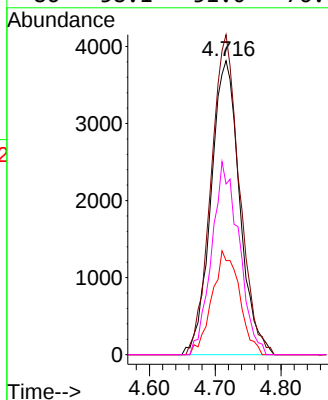
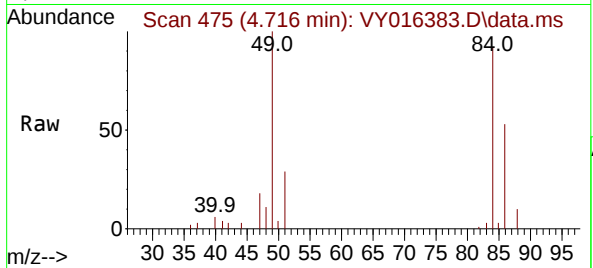




#20
Methylene Chloride
Concen: 7.845 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

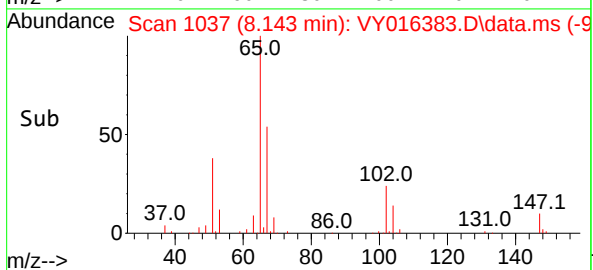
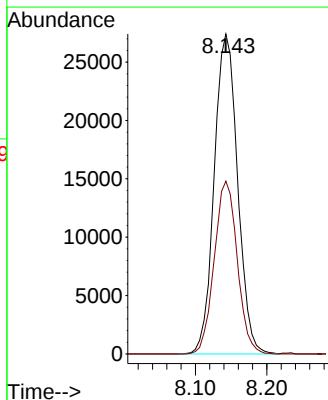
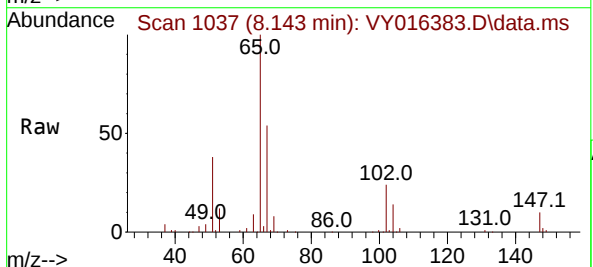
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-111523A

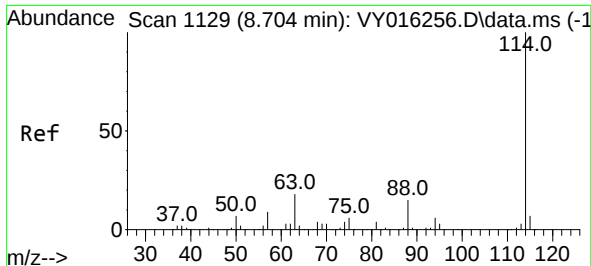
Tgt Ion:	84	Resp:	11581
Ion	Ratio	Lower	Upper
84	100		
49	108.9	106.9	160.3
51	32.0	33.2	49.8#
86	58.1	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 67.697 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Tgt Ion:	65	Resp:	62242
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY016383.D

Acq: 16 Nov 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-111523A

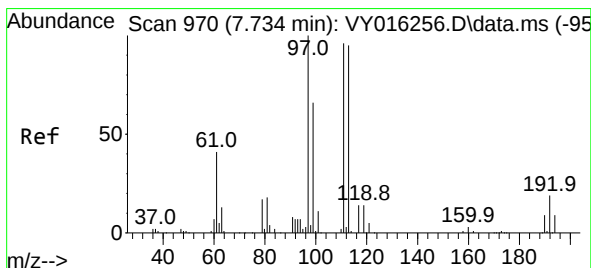
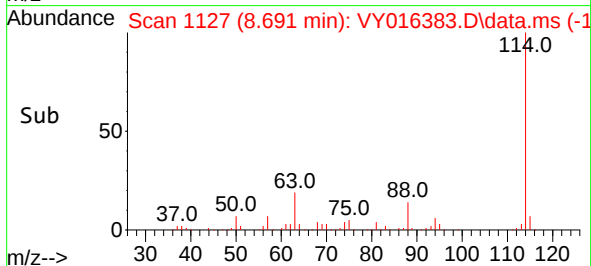
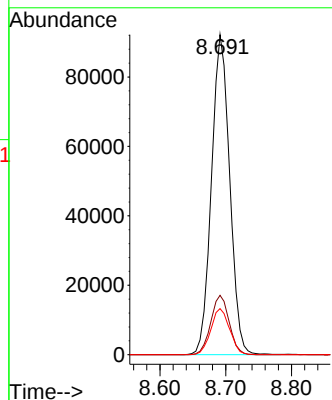
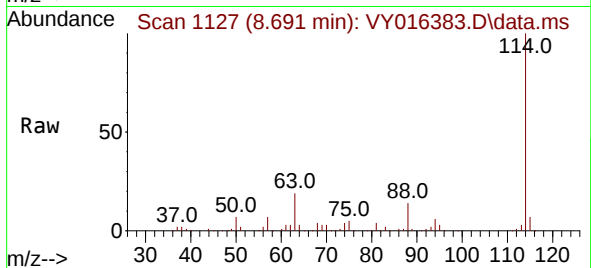
Tgt Ion:114 Resp: 177648

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.162 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.018 min

Lab File: VY016383.D

Acq: 16 Nov 2023 12:55

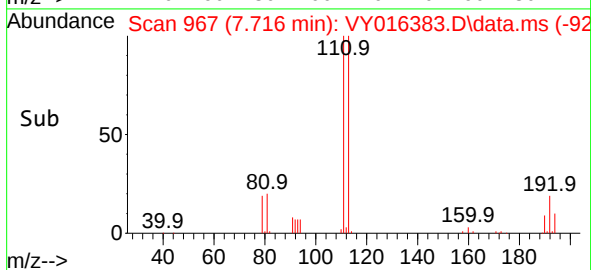
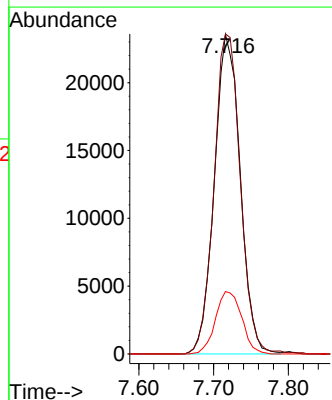
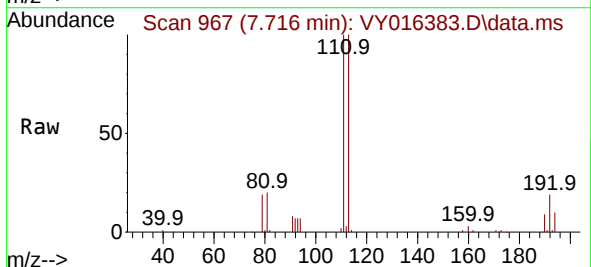
Tgt Ion:113 Resp: 56676

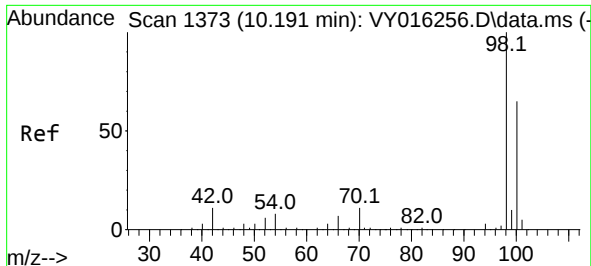
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 19.8 16.9 25.3

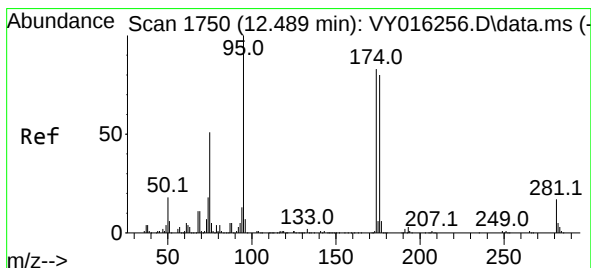
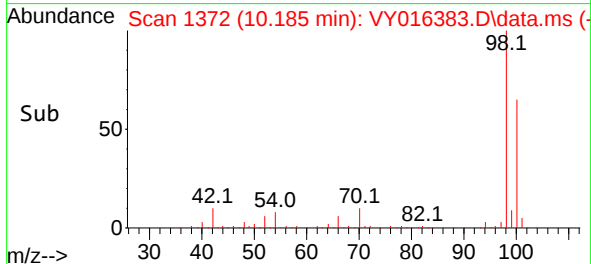
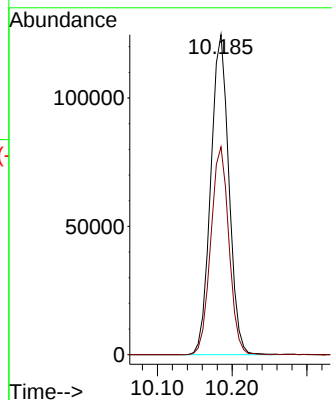
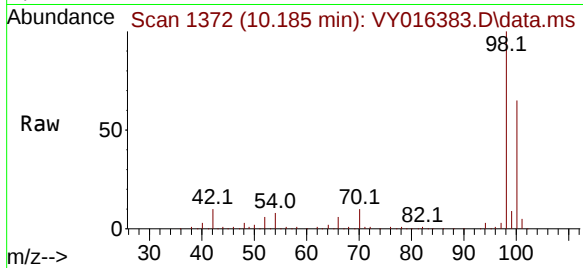




#50
Toluene-d8
Concen: 51.312 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

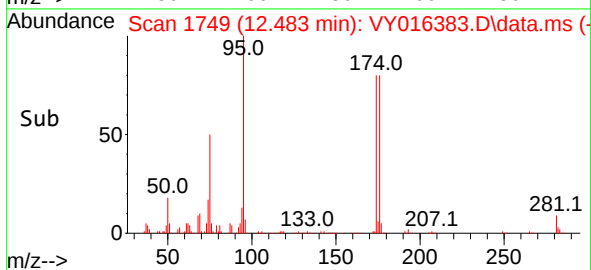
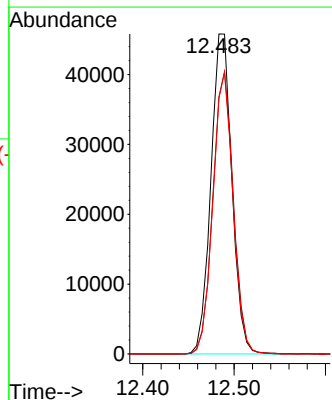
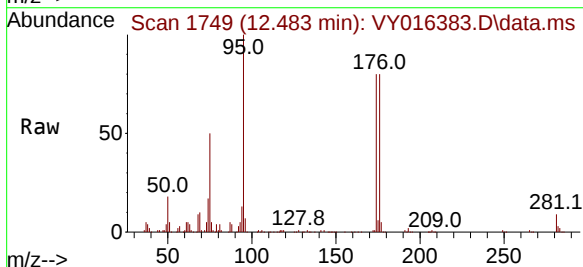
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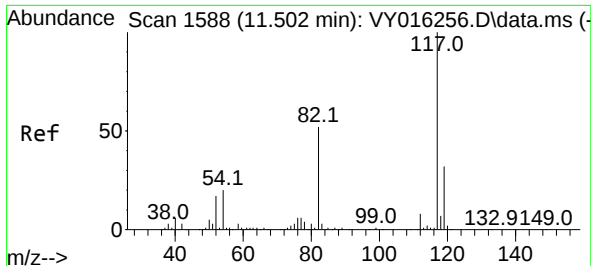
Tgt Ion: 98 Resp: 209986
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.039 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Tgt Ion: 95 Resp: 73154
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 84.3 0.0 173.8

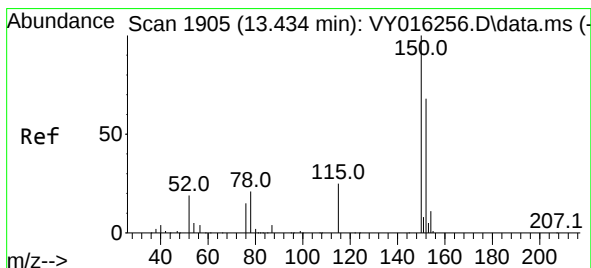
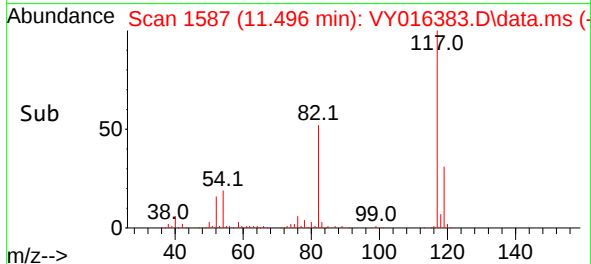
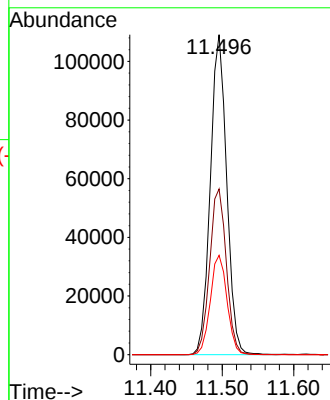
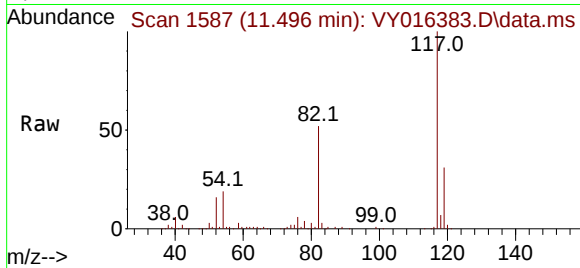




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016383.D
Acq: 16 Nov 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-111523A

Tgt Ion:117 Resp: 173343
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 31.1 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: VY016383.D
Acq: 16 Nov 2023 12:55

Tgt Ion:152 Resp: 78686
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 157.5 0.0 348.8

