

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016325.D
 Acq On : 13 Nov 2023 16:09
 Operator : SY/MD
 Sample : 05377-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 360

Quant Time: Nov 14 04:38:13 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)

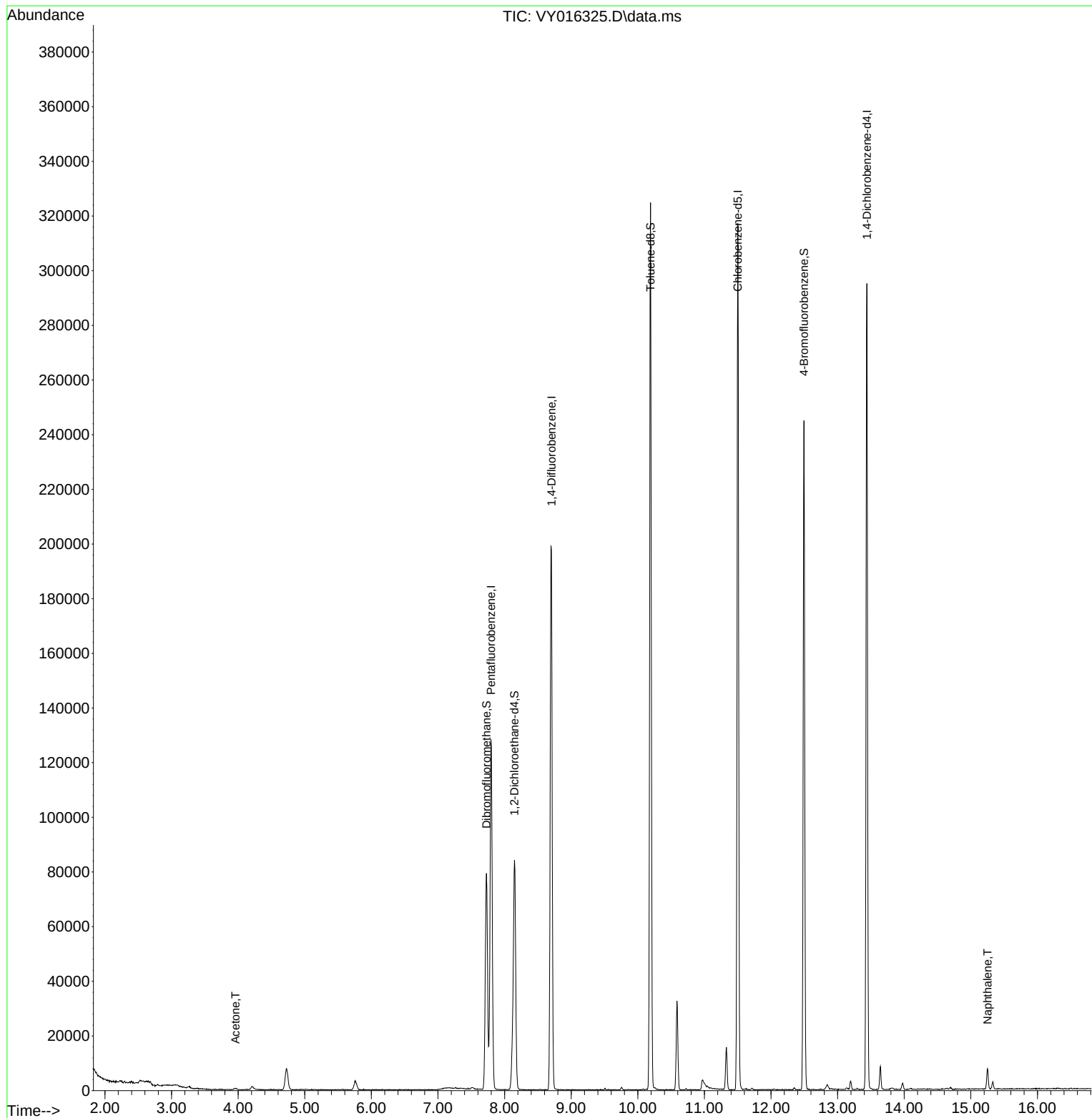
Internal Standards						
1) Pentafluorobenzene	7.795	168	102860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	182442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	77496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62126	66.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.160%	
35) Dibromofluoromethane	7.728	113	57137	55.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.260%	
50) Toluene-d8	10.191	98	213471	50.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.495	95	73251	53.664	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.320%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	907	5.833	ug/l	96
95) Naphthalene	15.251	128	6529	2.675	ug/l	97

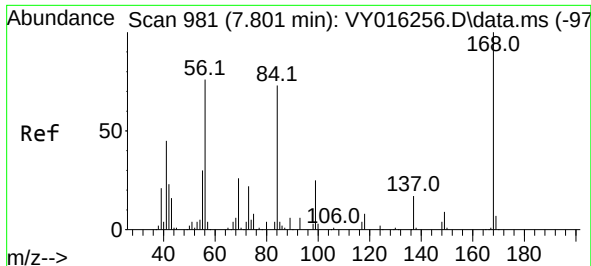
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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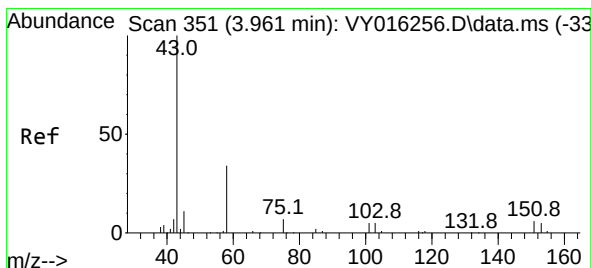
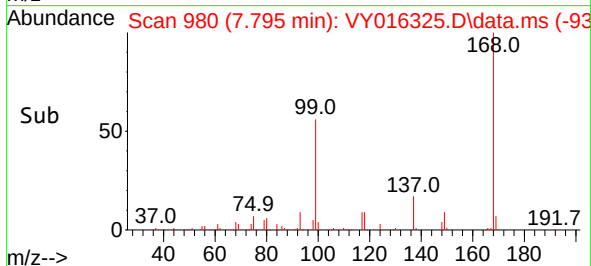
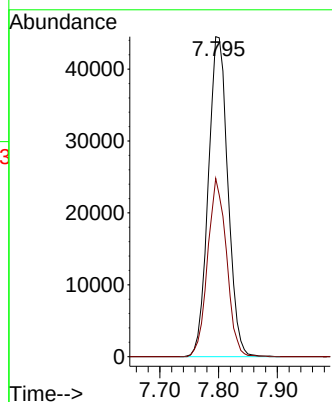
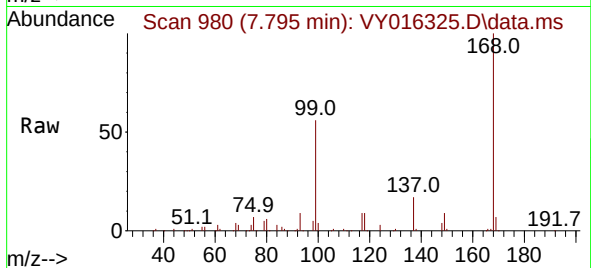




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

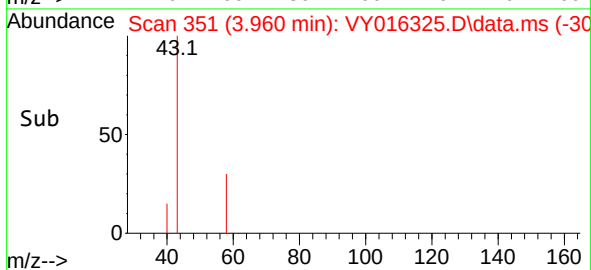
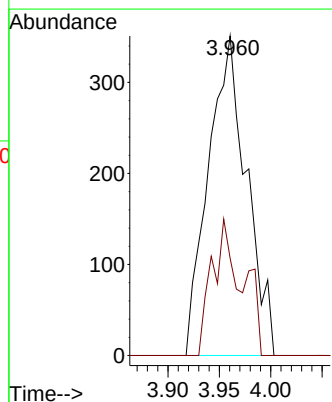
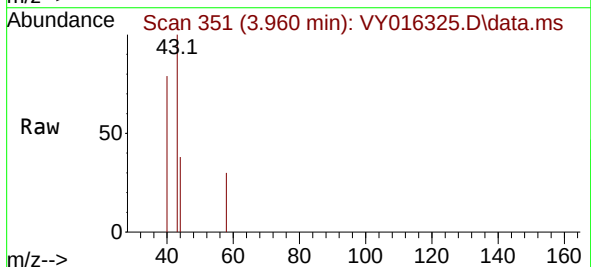
Instrument :
MSVOA_Y
ClientSampleId :
360

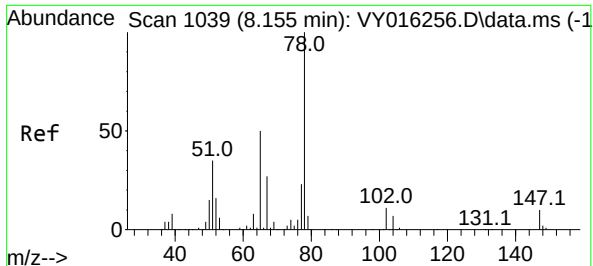
Tgt Ion:168 Resp: 102860
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#16
Acetone
Concen: 5.833 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 30.5 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 66.084 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY016325.D

Acq: 13 Nov 2023 16:09

Instrument :

MSVOA_Y

ClientSampleId :

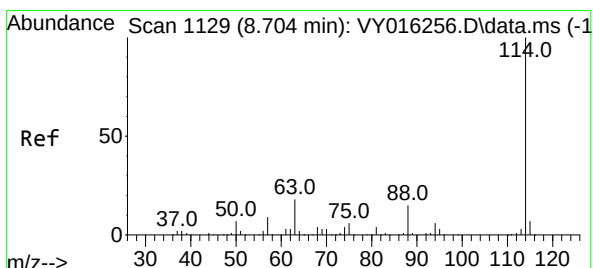
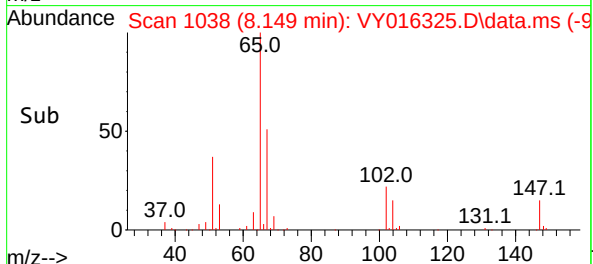
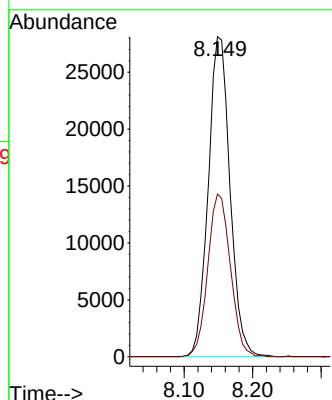
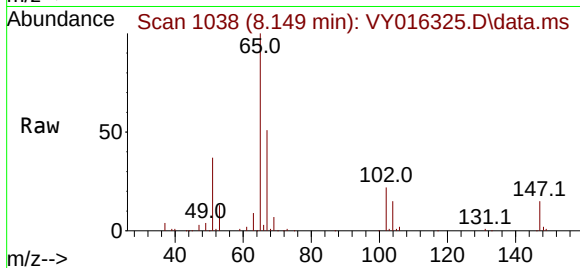
360

Tgt Ion: 65 Resp: 62126

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016325.D

Acq: 13 Nov 2023 16:09

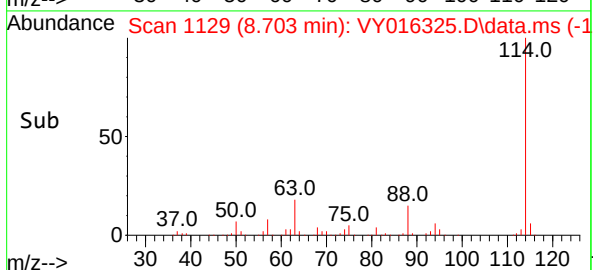
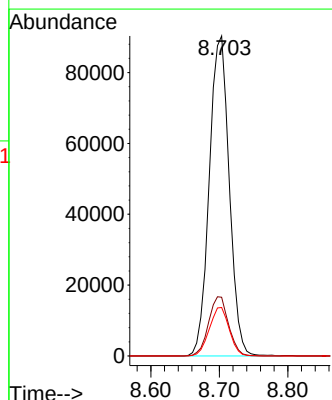
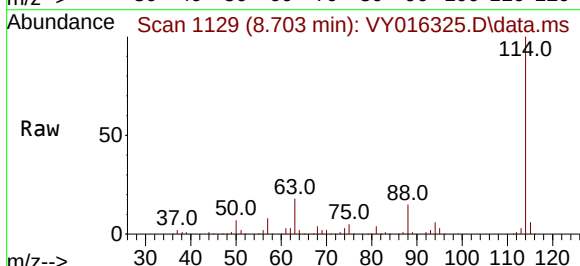
Tgt Ion: 114 Resp: 182442

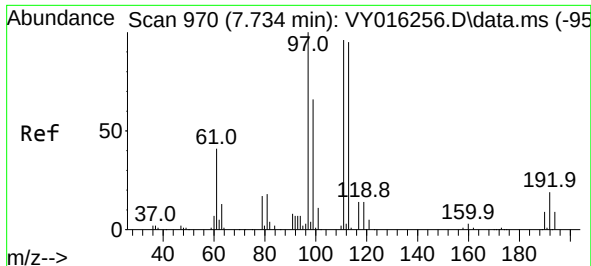
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.131 ug/l

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY016325.D

Acq: 13 Nov 2023 16:09

Instrument :

MSVOA_Y

ClientSampleId :

360

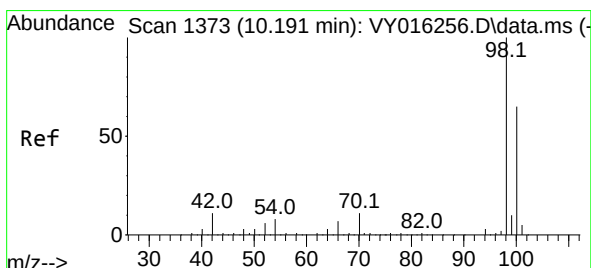
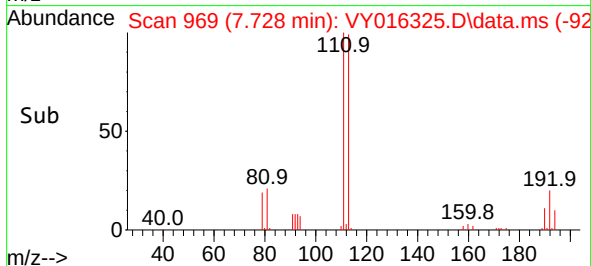
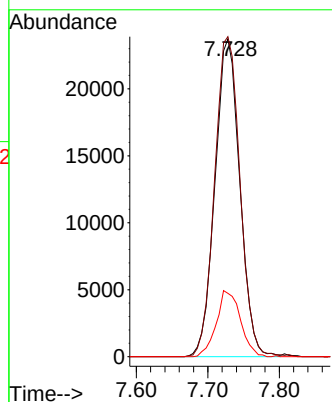
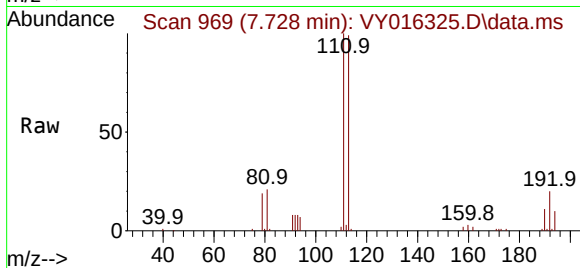
Tgt Ion:113 Resp: 57137

Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 20.2 16.9 25.3



#50

Toluene-d8

Concen: 50.793 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016325.D

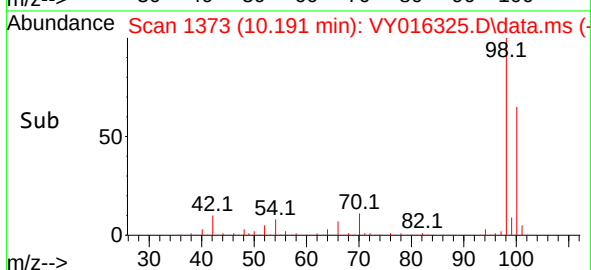
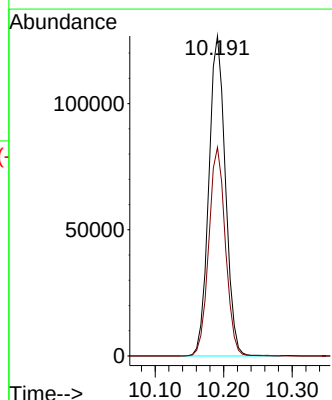
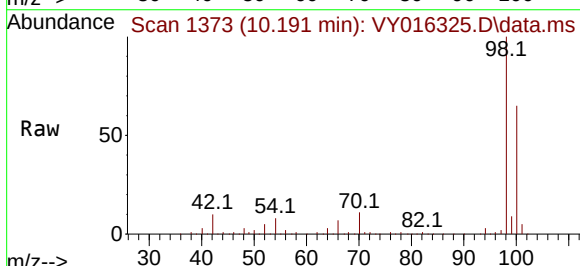
Acq: 13 Nov 2023 16:09

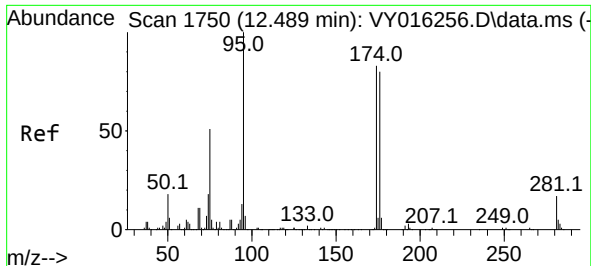
Tgt Ion: 98 Resp: 213471

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

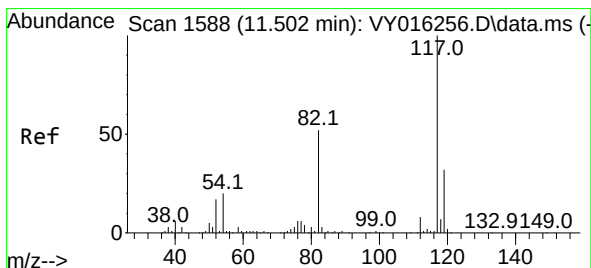
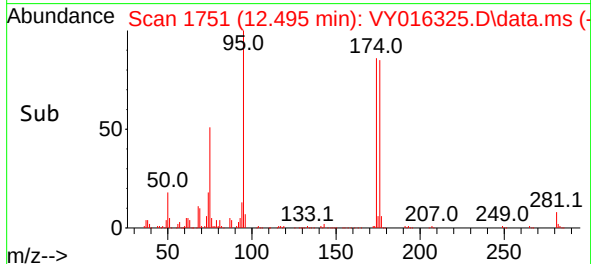
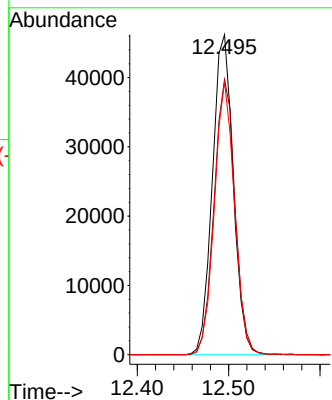
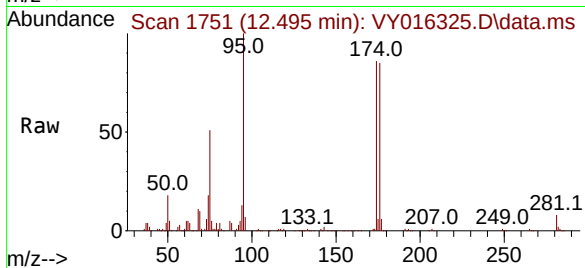




#62
4-Bromofluorobenzene
Concen: 53.664 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

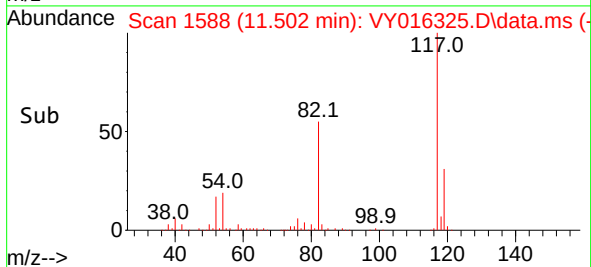
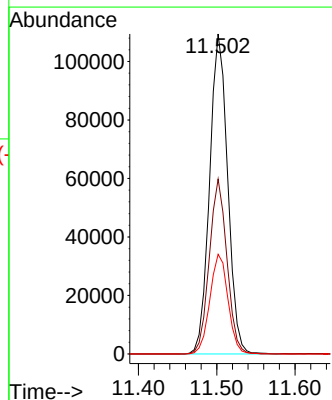
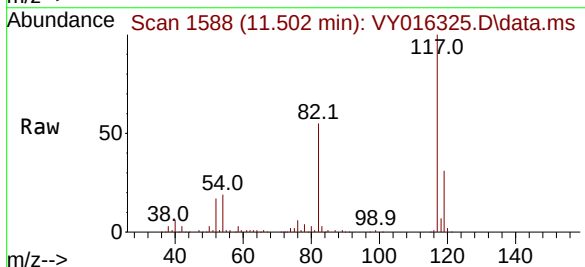
Instrument :
MSVOA_Y
ClientSampleId :
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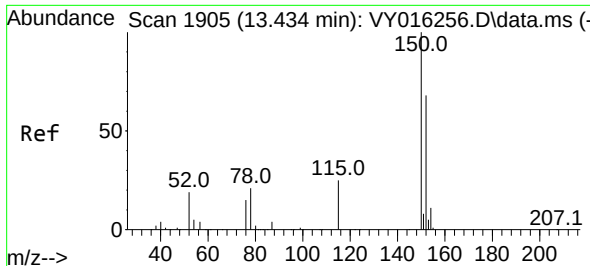
Tgt Ion: 95 Resp: 73251
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016325.D
Acq: 13 Nov 2023 16:09

Tgt Ion: 117 Resp: 175026
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.2 26.3 39.5

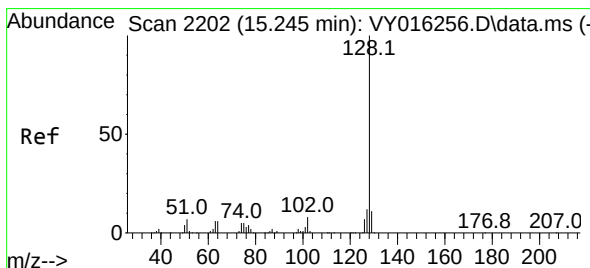
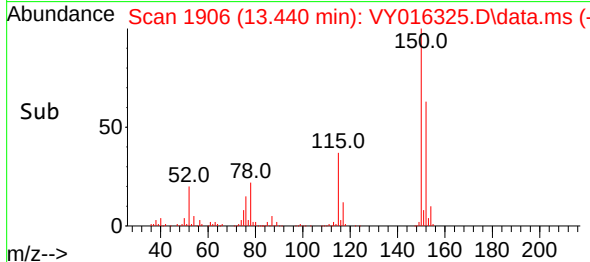
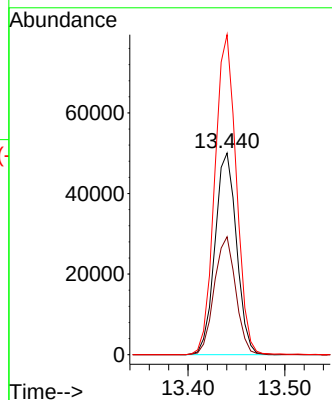
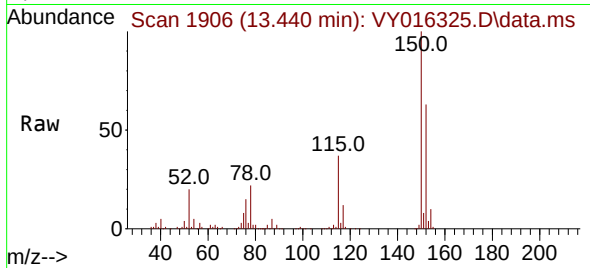




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016325.D
 Acq: 13 Nov 2023 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 360

Tgt Ion:152 Resp: 77496
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 158.2 0.0 348.8



#95
 Naphthalene
 Concen: 2.675 ug/l
 RT: 15.251 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: VY016325.D
 Acq: 13 Nov 2023 16:09

Tgt Ion:128 Resp: 6529
 Ion Ratio Lower Upper
 128 100
 127 11.9 10.8 16.2
 129 11.7 8.6 13.0

