

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011943.D
 Acq On : 21 Dec 2022 13:50
 Operator : KP/MD
 Sample : N6051-01
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-591

Quant Time: Dec 22 00:13:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

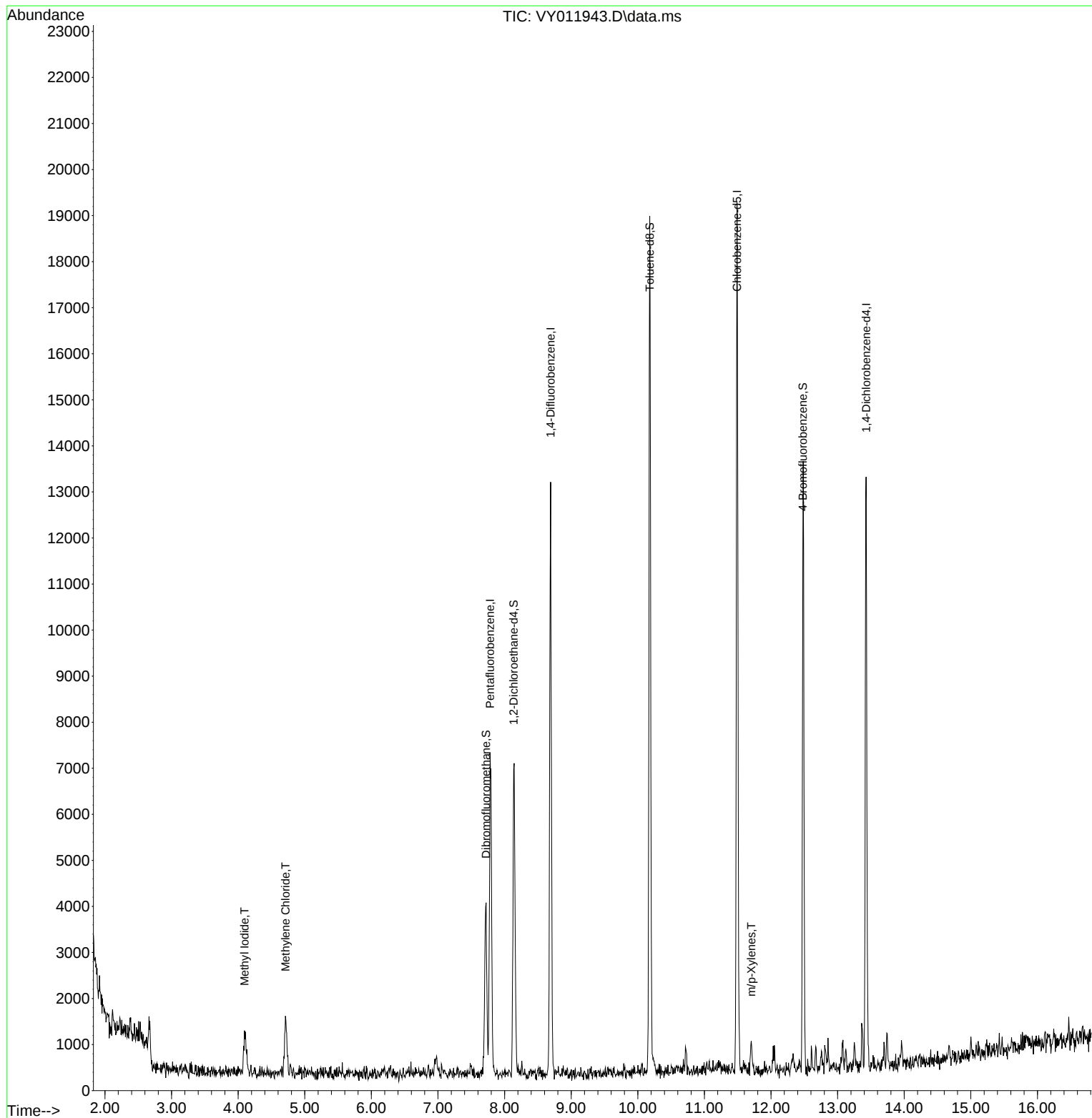
Internal Standards						
1) Pentafluorobenzene	7.783	168	6125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	10934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5415	87.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	175.500%#
35) Dibromofluoromethane	7.722	113	2614	39.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.480%
50) Toluene-d8	10.179	98	13503	49.966	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.477	95	4081	44.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.800%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	1519	18.951	ug/l #	94
20) Methylene Chloride	4.710	84	895	7.481	ug/l #	78
68) m/p-Xylenes	11.703	106	304	1.905	ug/l	85

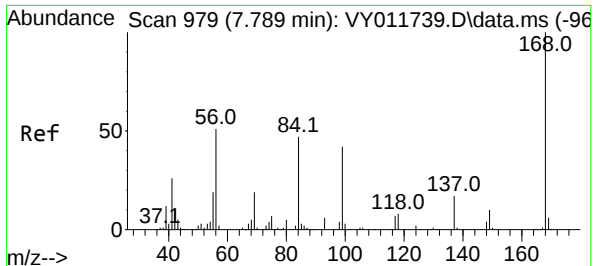
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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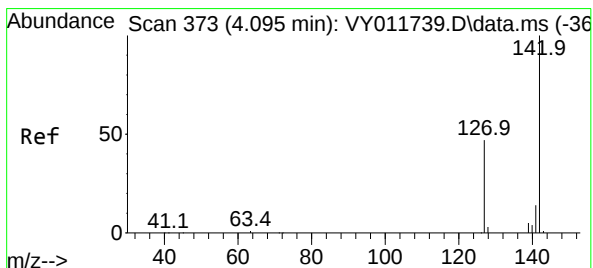
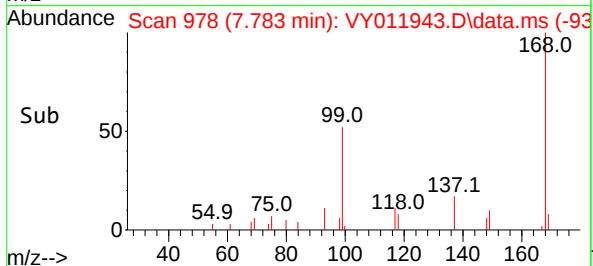
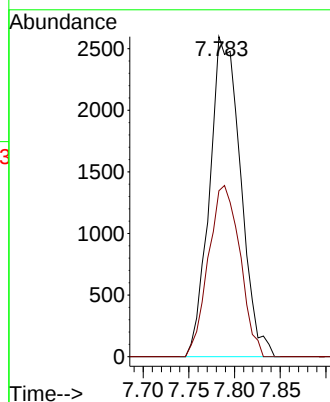
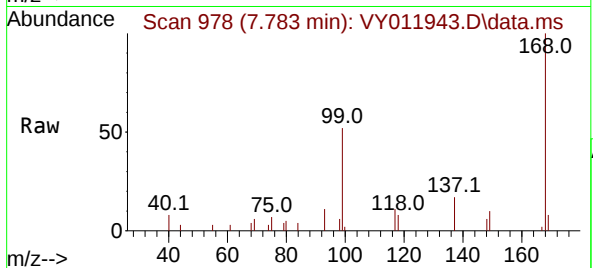




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011943.D
Acq: 21 Dec 2022 13:50

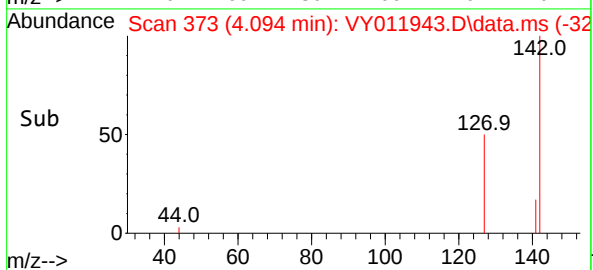
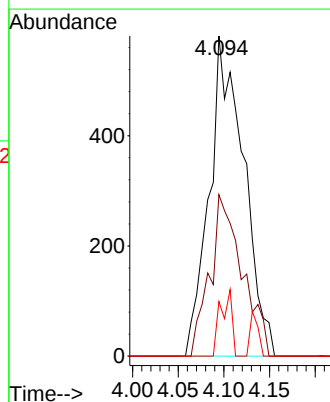
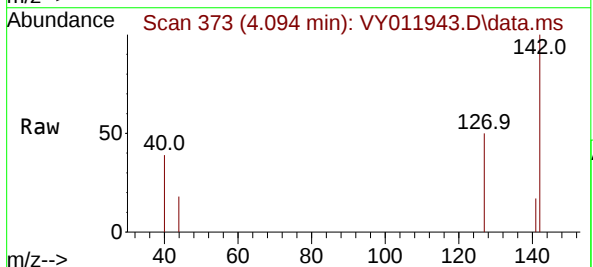
Instrument :
MSVOA_Y
ClientSampleId :
SP-591

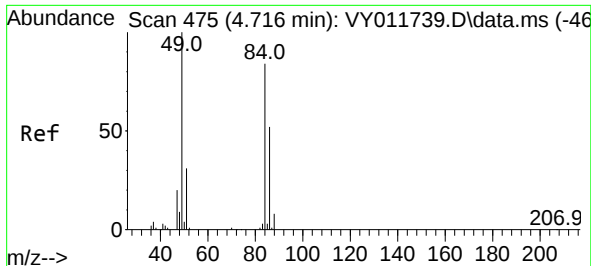
Tgt Ion:168 Resp: 6125
Ion Ratio Lower Upper
168 100
99 51.9 44.0 66.0



#10
Methyl Iodide
Concen: 18.951 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011943.D
Acq: 21 Dec 2022 13:50

Tgt Ion:142 Resp: 1519
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 6.9 11.4 17.0#

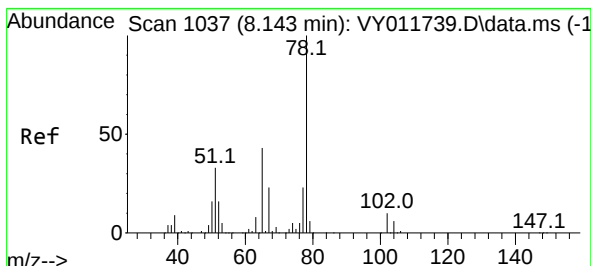
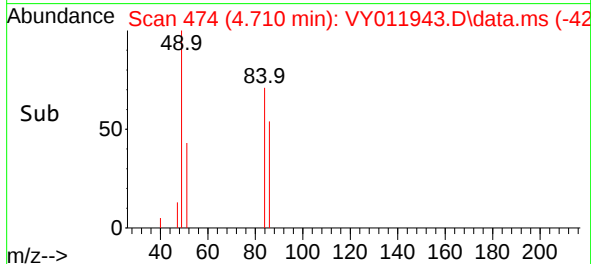
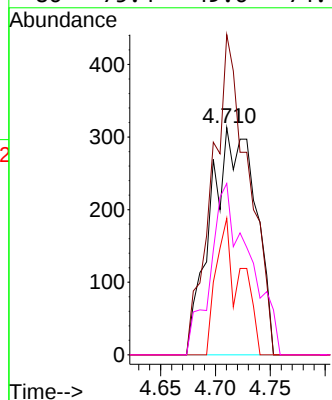
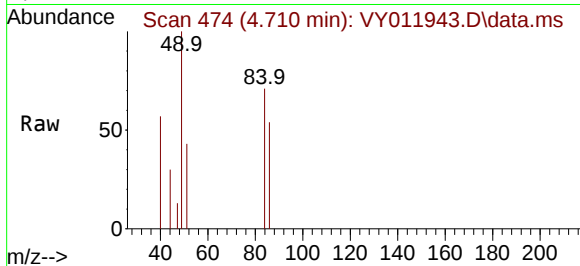




#20
Methylene Chloride
Concen: 7.481 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011943.D
Acq: 21 Dec 2022 13:50

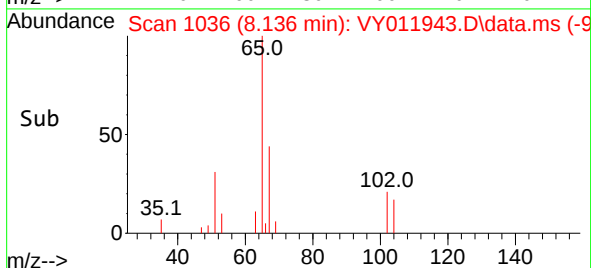
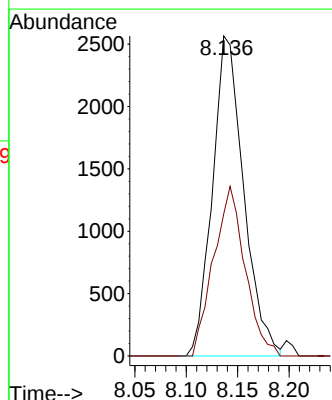
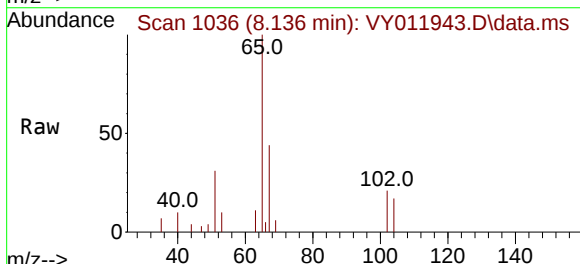
Instrument :
MSVOA_Y
ClientSampleId :
SP-591

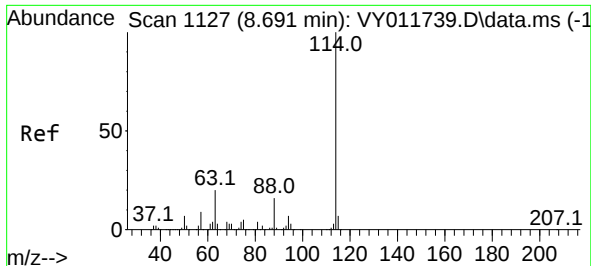
Tgt Ion: 84 Resp: 895
Ion Ratio Lower Upper
84 100
49 140.9 95.4 143.2
51 60.1 29.9 44.9#
86 75.4 49.6 74.4#



#33
1,2-Dichloroethane-d4
Concen: 87.752 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011943.D
Acq: 21 Dec 2022 13:50

Tgt Ion: 65 Resp: 5415
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011943.D

Acq: 21 Dec 2022 13:50

Instrument :

MSVOA_Y

ClientSampleId :

SP-591

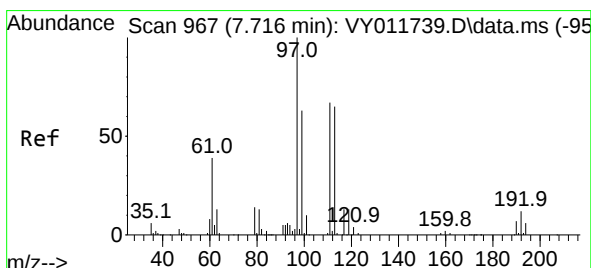
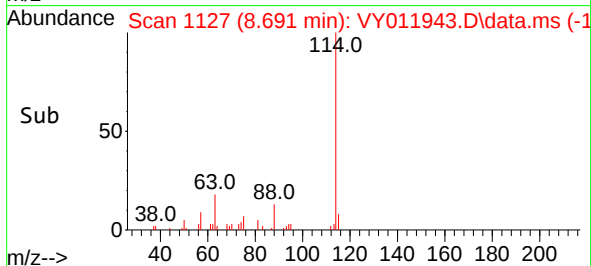
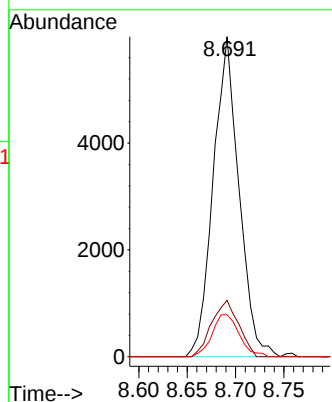
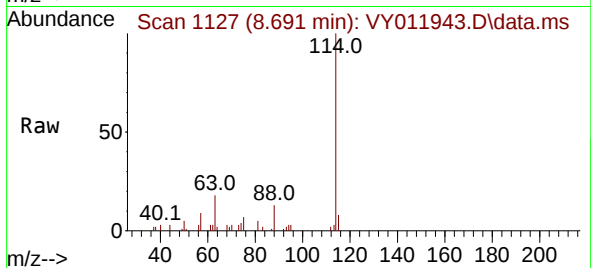
Tgt Ion:114 Resp: 11064

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 13.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 39.244 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011943.D

Acq: 21 Dec 2022 13:50

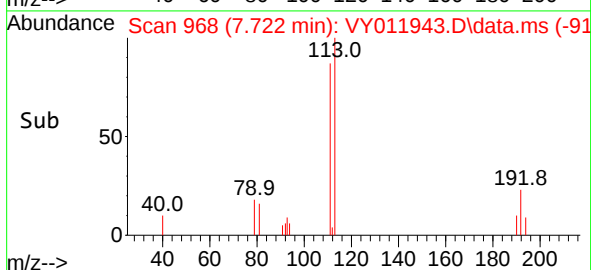
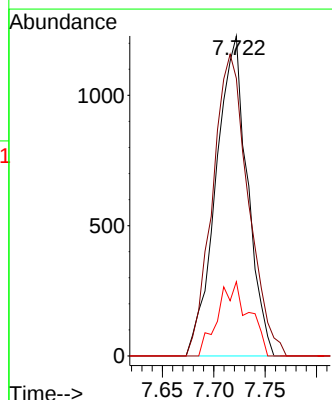
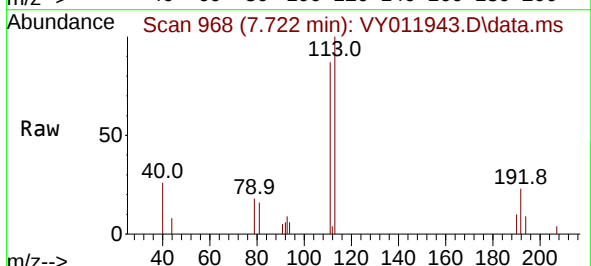
Tgt Ion:113 Resp: 2614

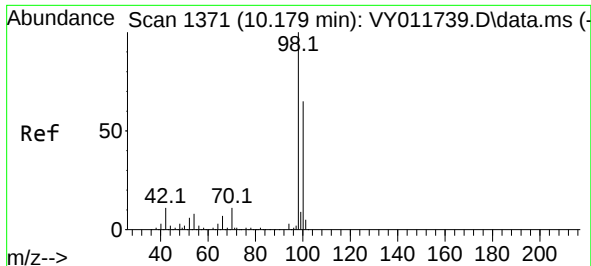
Ion Ratio Lower Upper

113 100

111 106.8 83.0 124.4

192 23.0 16.0 24.0

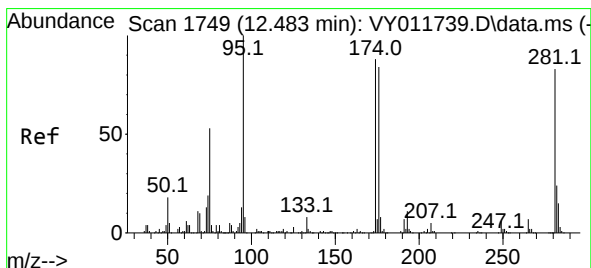
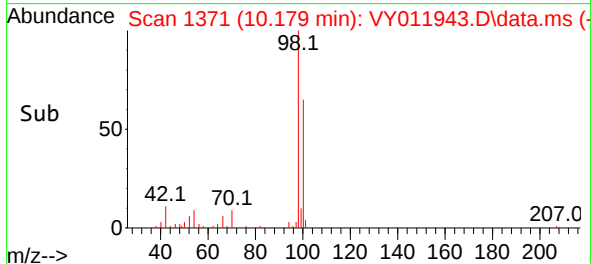
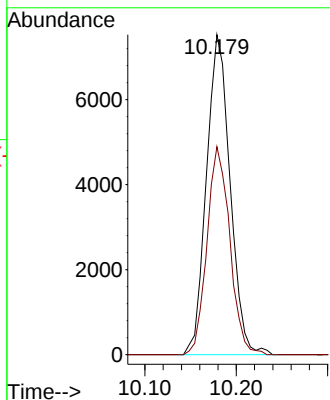
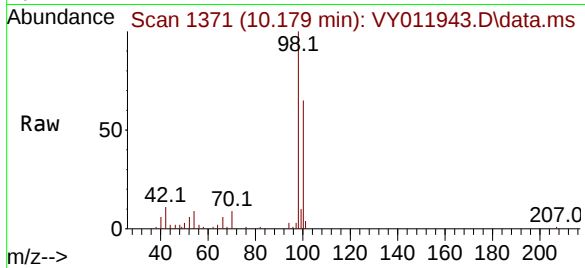




#50
Toluene-d8
Concen: 49.966 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011943.D
Acq: 21 Dec 2022 13:50

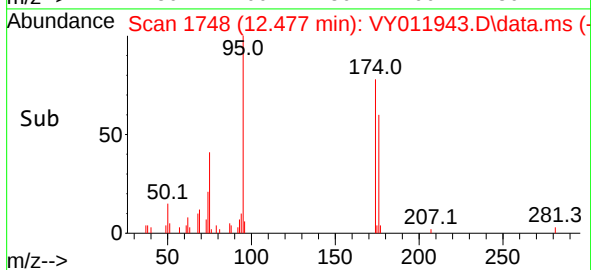
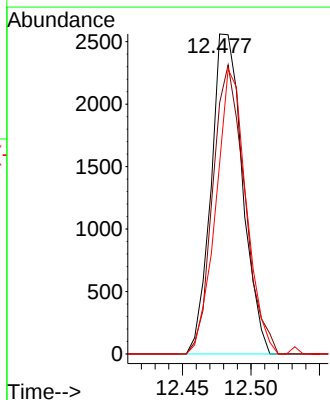
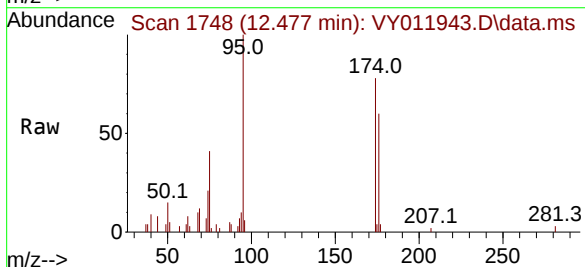
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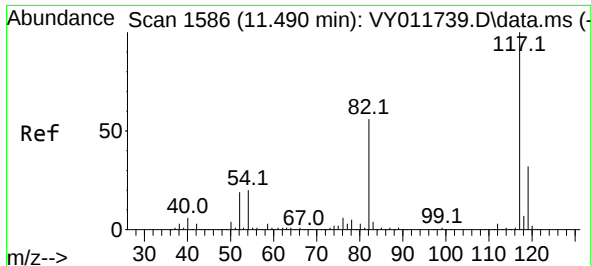
Tgt Ion: 98 Resp: 13503
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.901 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011943.D
Acq: 21 Dec 2022 13:50

Tgt Ion: 95 Resp: 4081
Ion Ratio Lower Upper
95 100
174 91.3 0.0 172.0
176 85.9 0.0 167.6

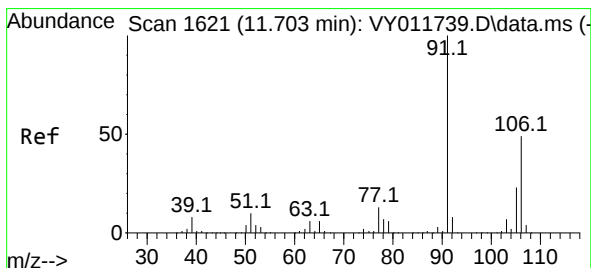
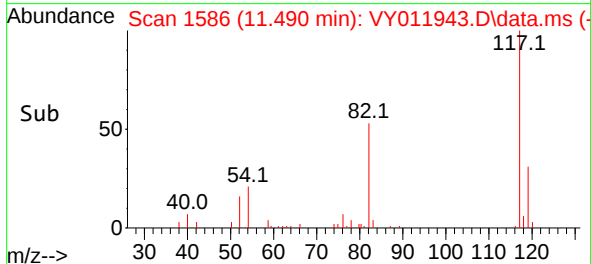
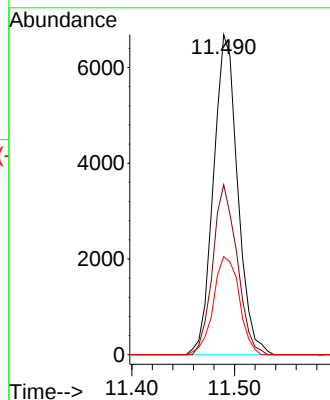
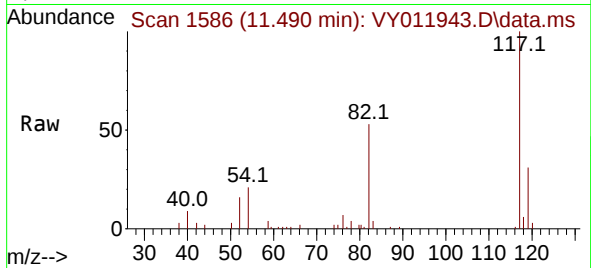




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011943.D
Acq: 21 Dec 2022 13:50

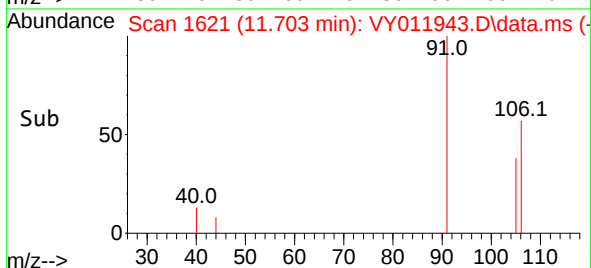
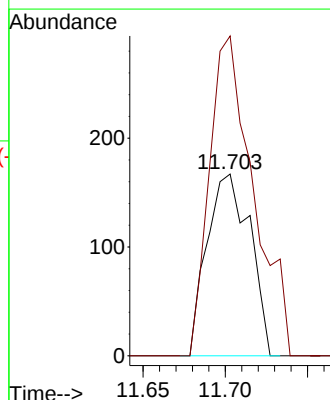
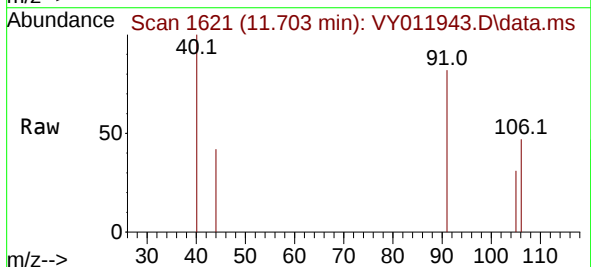
Instrument :
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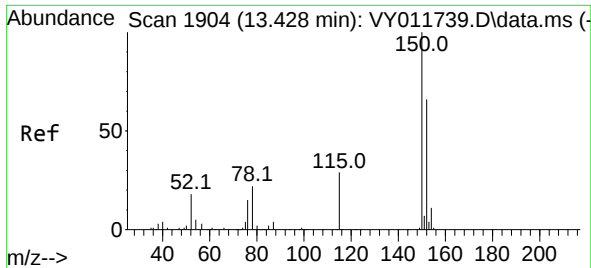
Tgt Ion:117 Resp: 10934
Ion Ratio Lower Upper
117 100
82 53.1 44.8 67.2
119 30.6 25.4 38.2



#68
m/p-Xylenes
Concen: 1.905 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011943.D
Acq: 21 Dec 2022 13:50

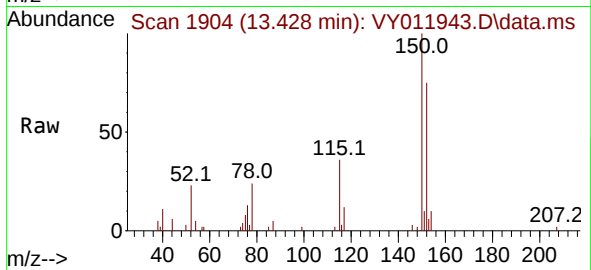
Tgt Ion:106 Resp: 304
Ion Ratio Lower Upper
106 100
91 179.6 162.5 243.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011943.D
 Acq: 21 Dec 2022 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-591



Tgt Ion:	152	Resp:	3754
Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.1	87.3
150	155.9	0.0	342.6

