

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012973.D
 Acq On : 16 Mar 2023 16:19
 Operator : KP/MD
 Sample : 01965-01
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Mar 17 01:37:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

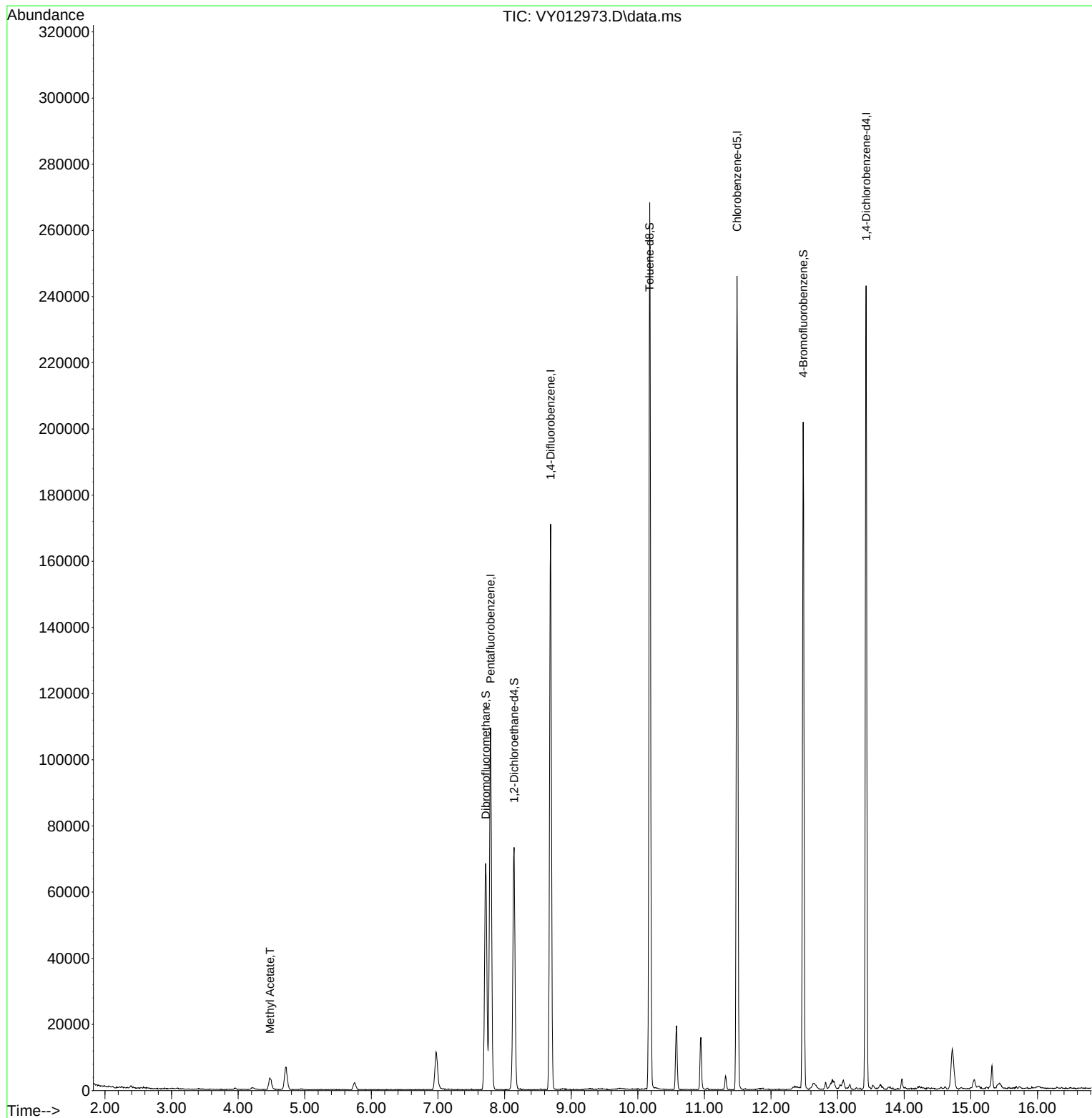
Internal Standards						
1) Pentafluorobenzene	7.789	168	83736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	131247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55719	67.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.040%	
35) Dibromofluoromethane	7.715	113	48876	56.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.220%	
50) Toluene-d8	10.178	98	169491	53.698	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.400%	
62) 4-Bromofluorobenzene	12.483	95	54789	51.428	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.860%	
Target Compounds						
18) Methyl Acetate	4.478	43	7286	7.498	ug/l	Qvalue 99

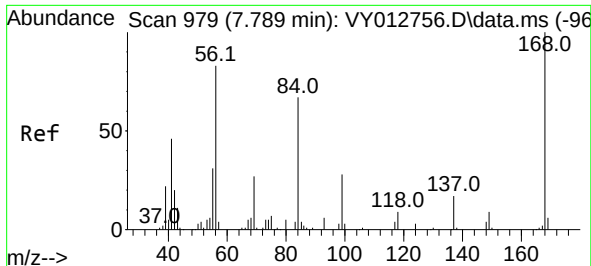
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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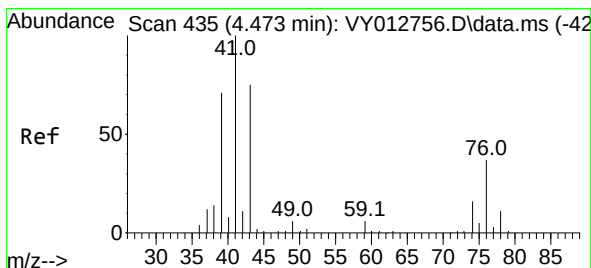
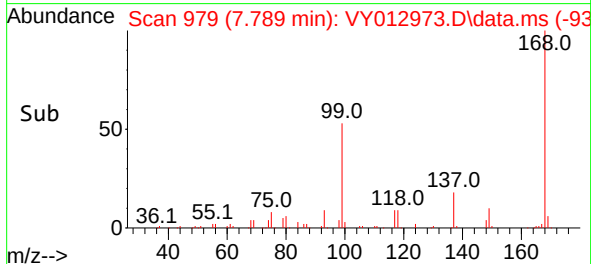
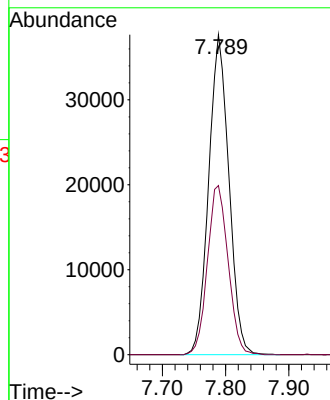
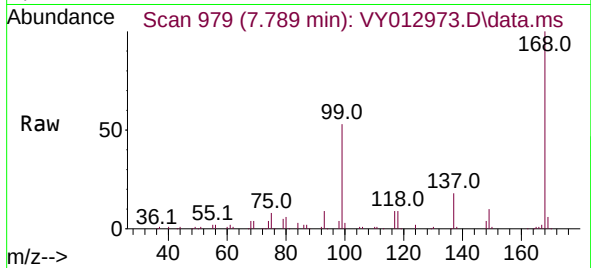




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012973.D
Acq: 16 Mar 2023 16:19

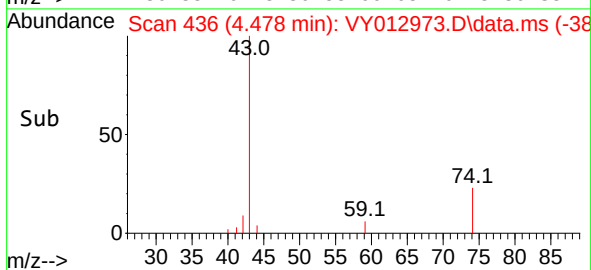
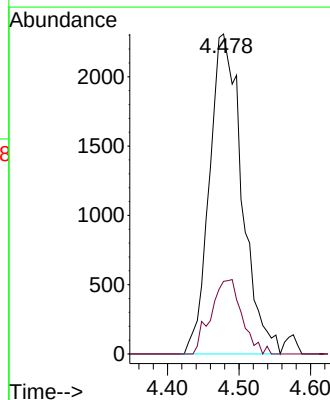
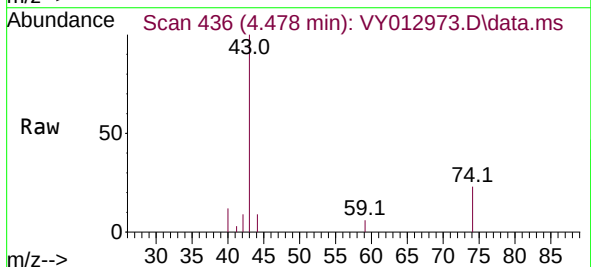
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

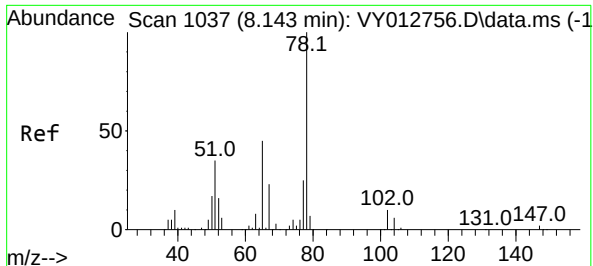
Tgt Ion:168 Resp: 83736
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#18
Methyl Acetate
Concen: 7.498 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012973.D
Acq: 16 Mar 2023 16:19

Tgt Ion: 43 Resp: 7286
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0





#33

1,2-Dichloroethane-d4

Concen: 67.019 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012973.D

Acq: 16 Mar 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

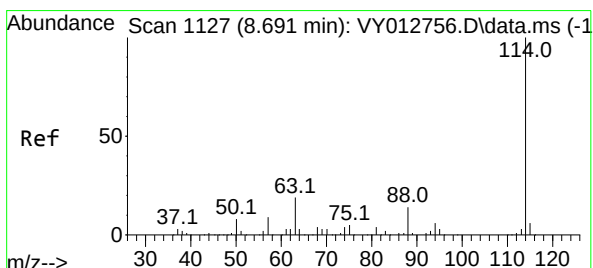
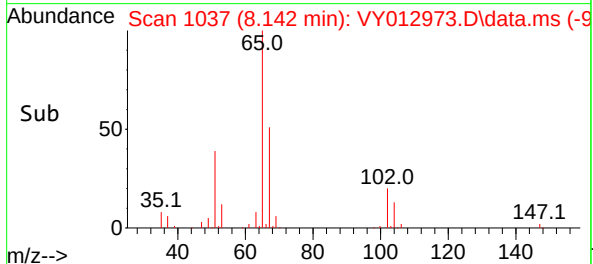
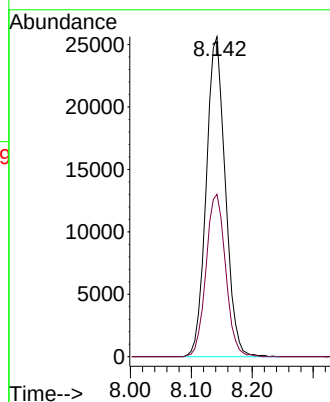
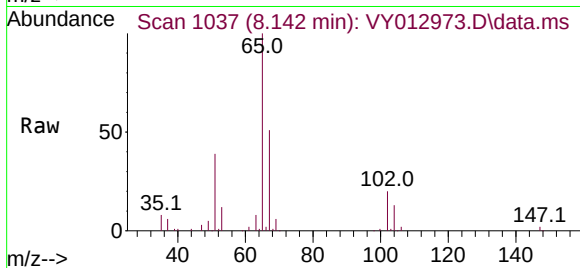
COMP-1

Tgt Ion: 65 Resp: 55719

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012973.D

Acq: 16 Mar 2023 16:19

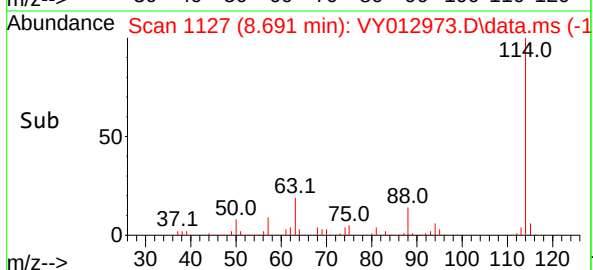
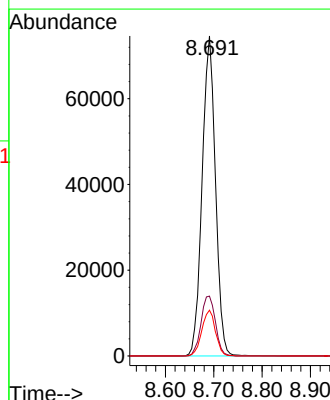
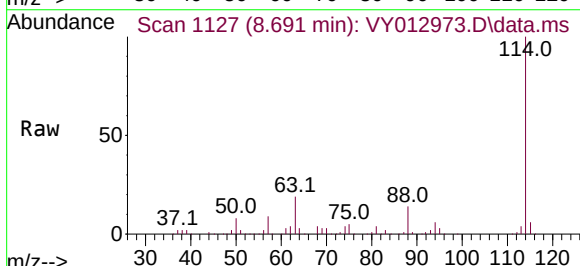
Tgt Ion: 114 Resp: 143064

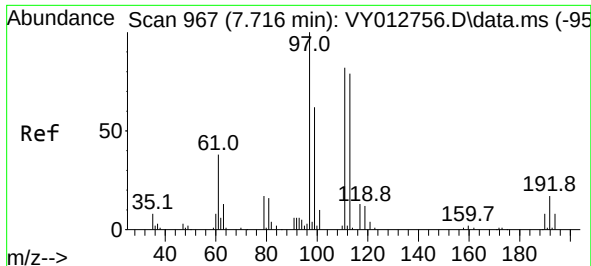
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.3 0.0 28.6

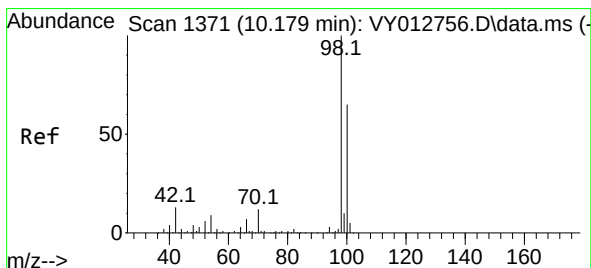
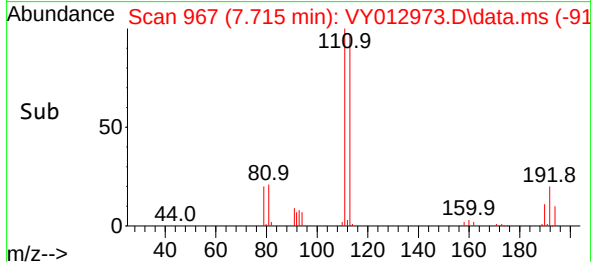
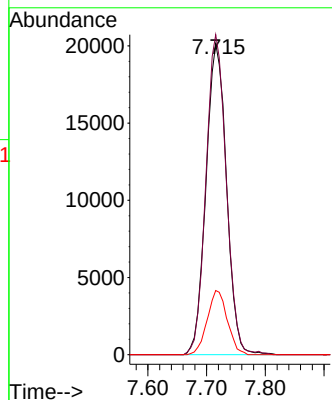
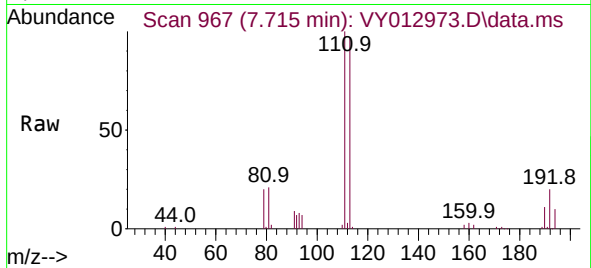




#35
Dibromofluoromethane
Concen: 56.609 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012973.D
Acq: 16 Mar 2023 16:19

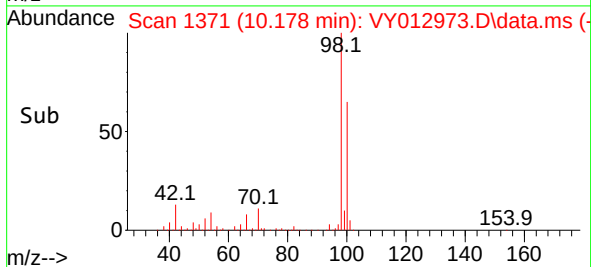
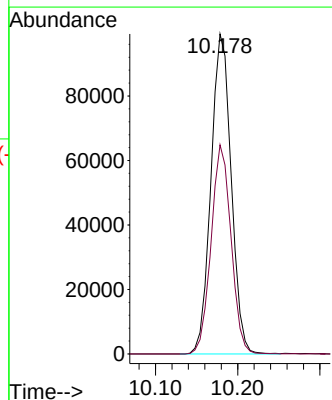
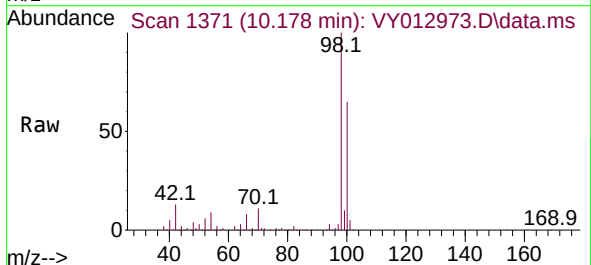
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

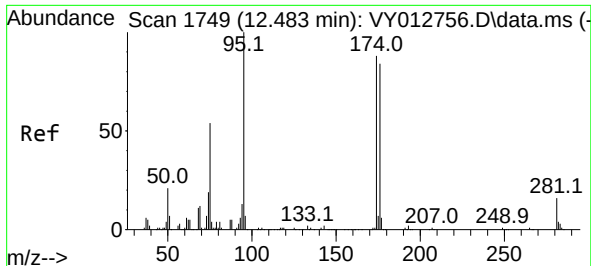
Tgt Ion:113 Resp: 48876
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.1 16.8 25.2



#50
Toluene-d8
Concen: 53.698 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012973.D
Acq: 16 Mar 2023 16:19

Tgt Ion: 98 Resp: 169491
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

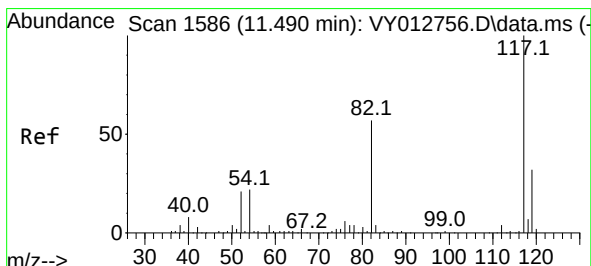
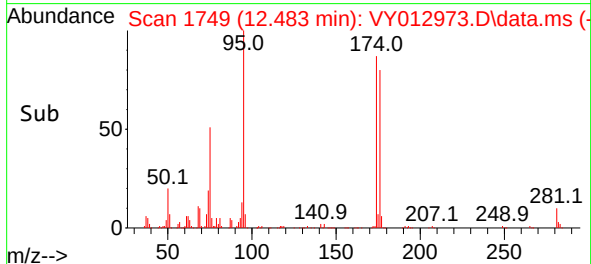
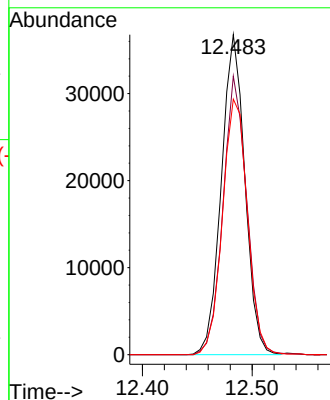
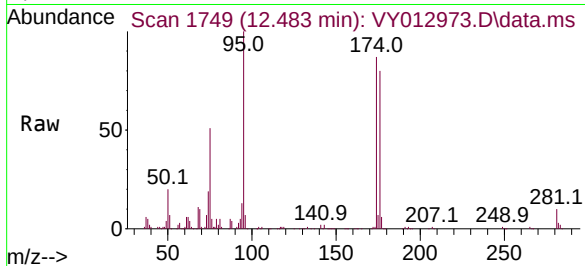




#62
4-Bromofluorobenzene
Concen: 51.428 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012973.D
Acq: 16 Mar 2023 16:19

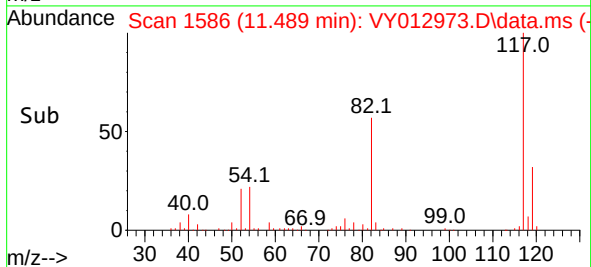
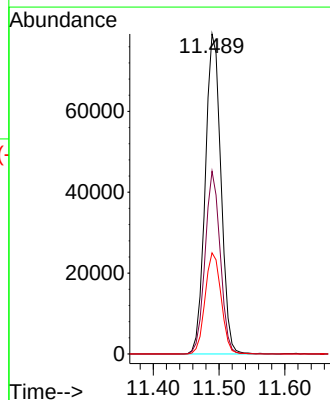
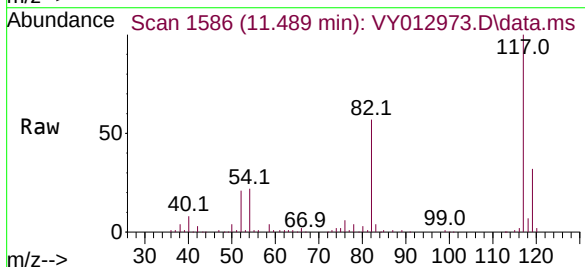
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

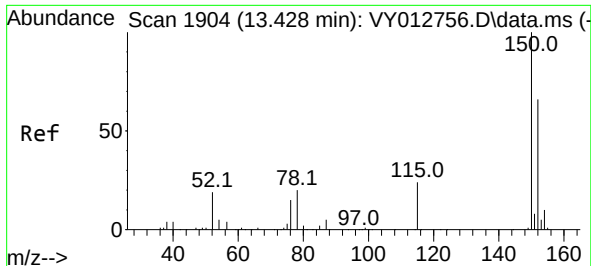
Tgt Ion: 95 Resp: 54789
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 84.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012973.D
Acq: 16 Mar 2023 16:19

Tgt Ion: 117 Resp: 131247
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012973.D

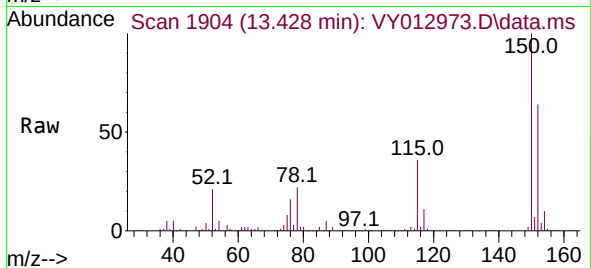
Acq: 16 Mar 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1



Tgt Ion:152 Resp: 62623

Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 153.9 0.0 347.8

