

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012974.D
 Acq On : 16 Mar 2023 16:42
 Operator : KP/MD
 Sample : 01965-02
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Mar 17 01:37:40 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	81625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53307	65.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.560%
35) Dibromofluoromethane	7.716	113	47016	56.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.820%
50) Toluene-d8	10.179	98	166836	54.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.500%
62) 4-Bromofluorobenzene	12.483	95	52080	50.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.280%

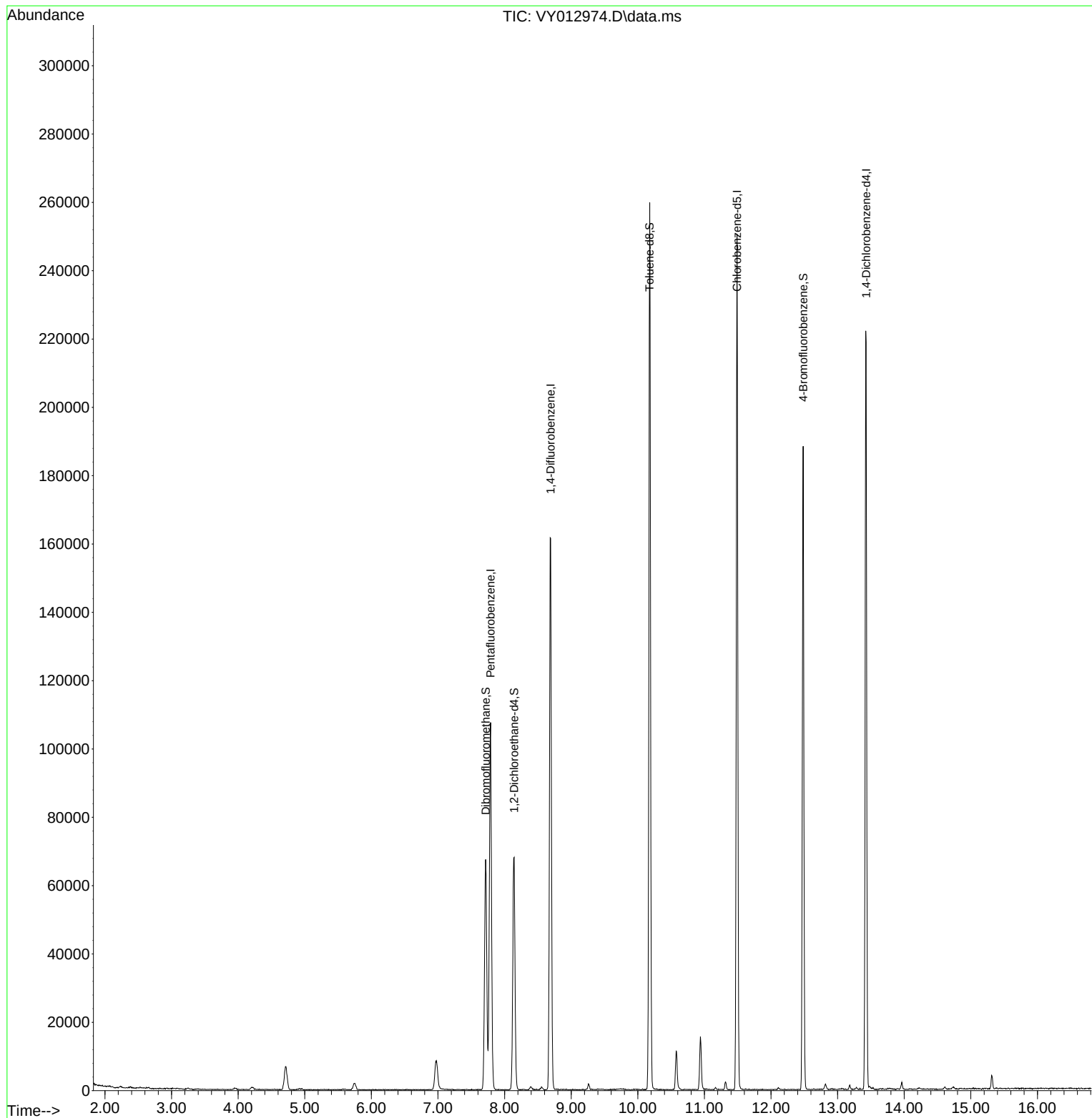
Target Compounds	Qvalue

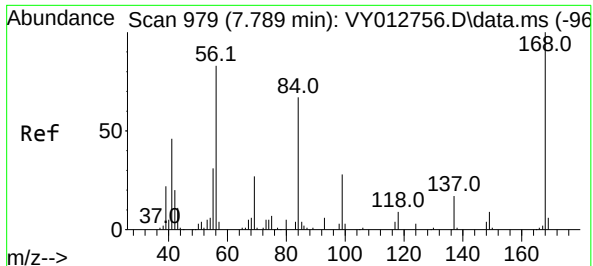
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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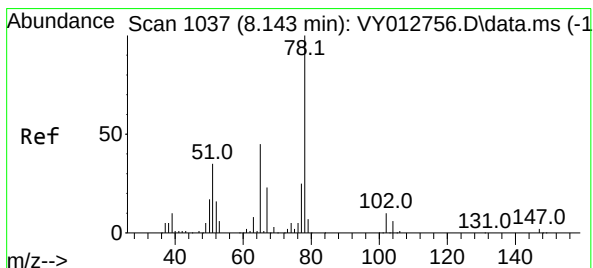
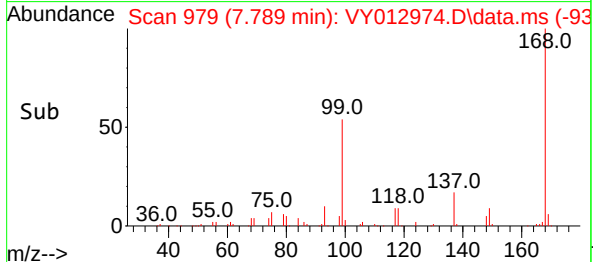
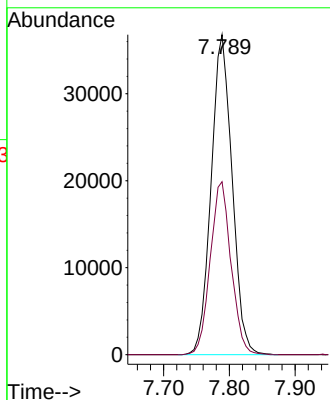
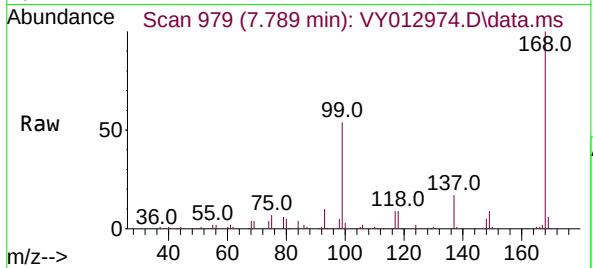




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

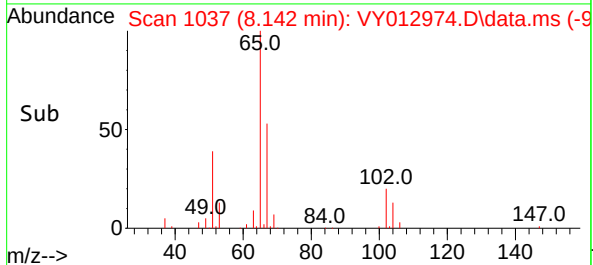
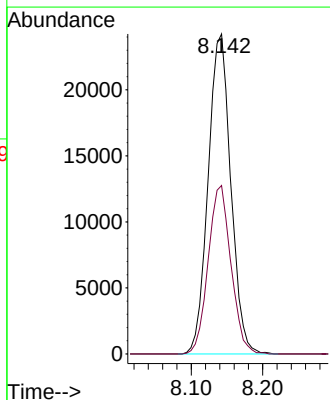
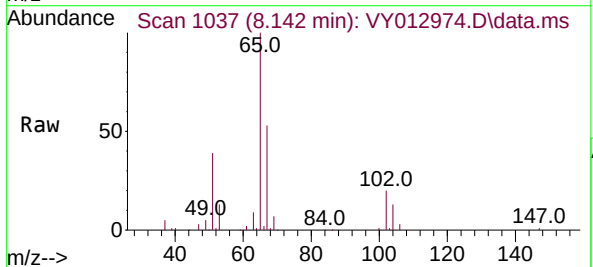
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

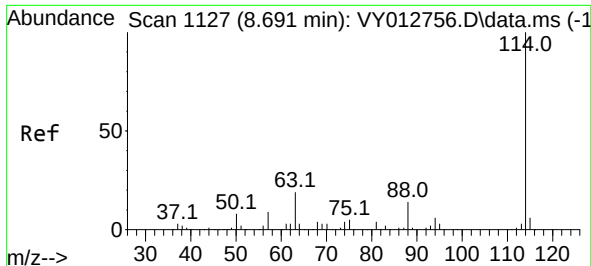
Tgt Ion:168 Resp: 81625
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.776 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Tgt Ion: 65 Resp: 53307
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

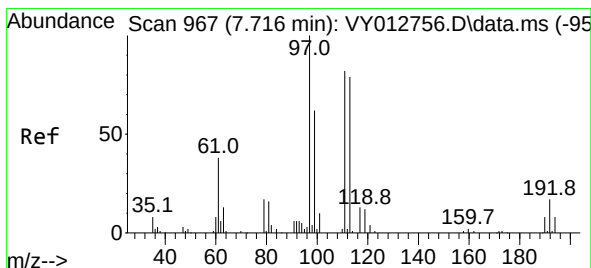
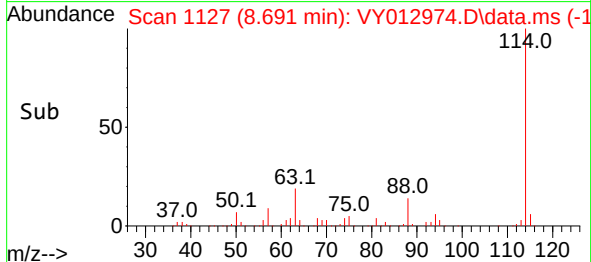
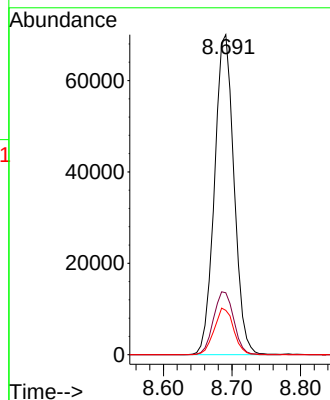
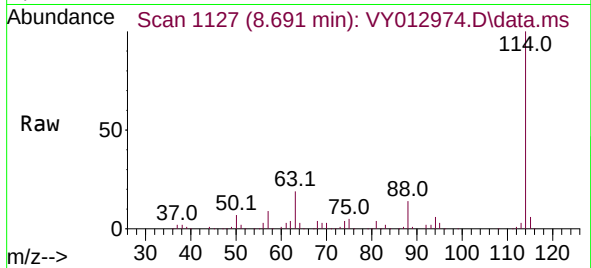




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

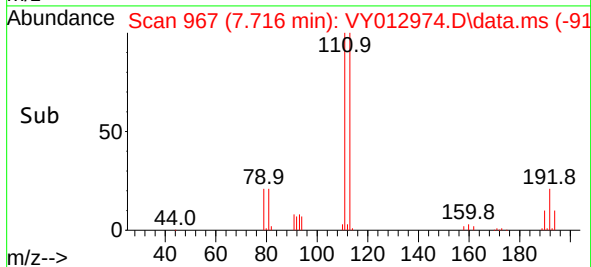
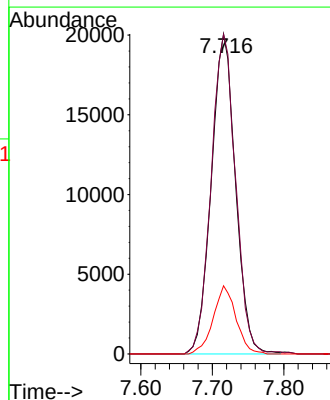
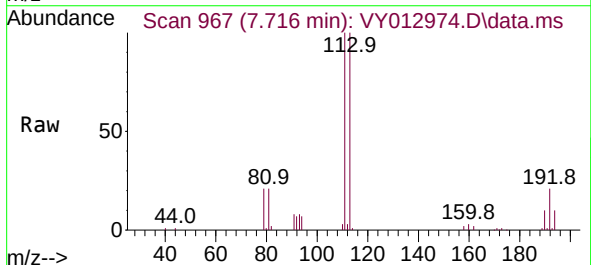
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

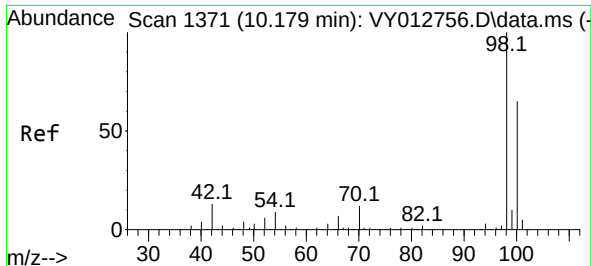
Tgt Ion:114 Resp: 138113
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 13.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.407 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Tgt Ion:113 Resp: 47016
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 20.1 16.8 25.2

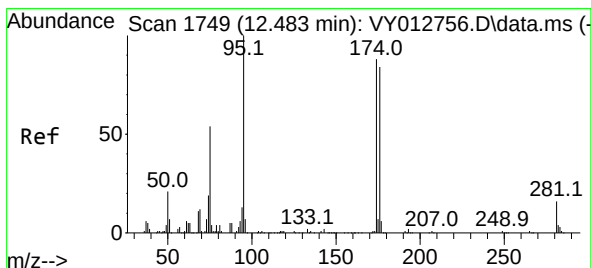
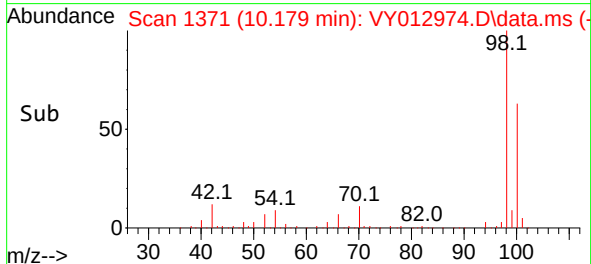
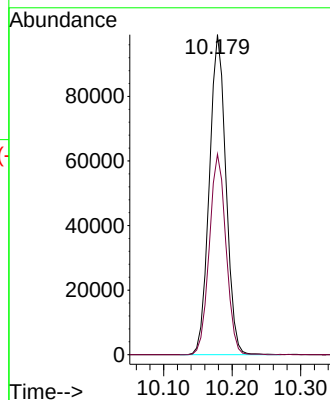
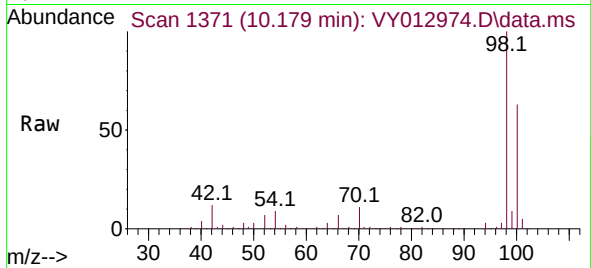




#50
Toluene-d8
Concen: 54.752 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

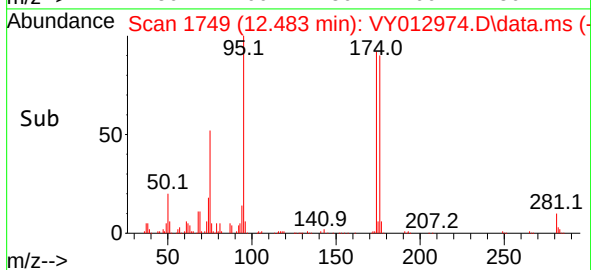
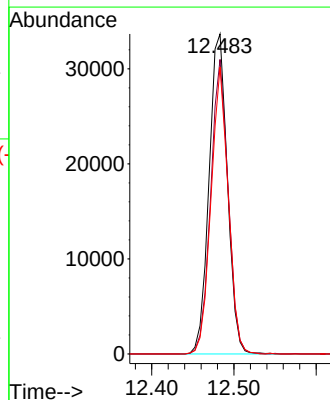
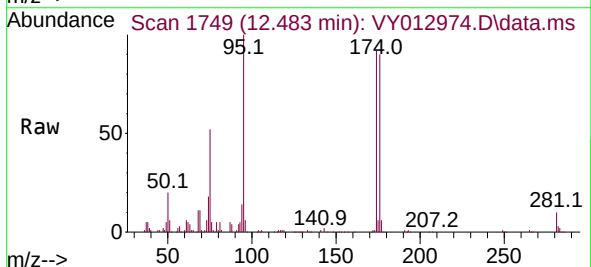
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

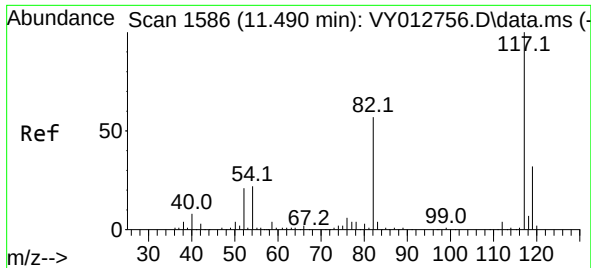
Tgt Ion: 98 Resp: 166836
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Tgt Ion: 95 Resp: 52080
Ion Ratio Lower Upper
95 100
174 88.1 0.0 176.6
176 84.3 0.0 170.2

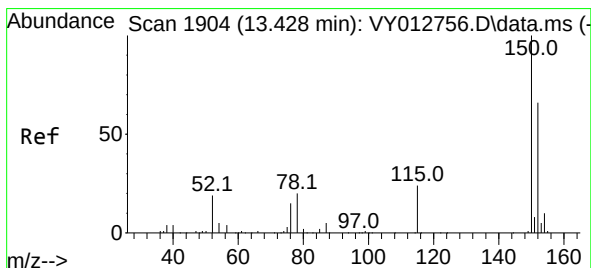
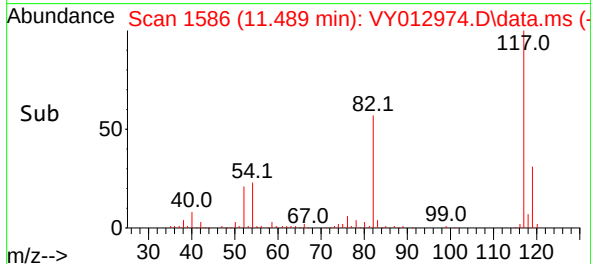
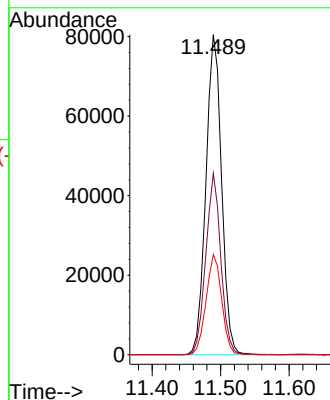
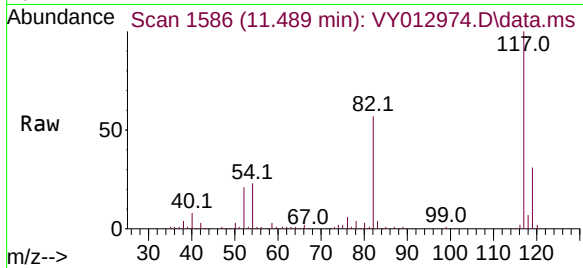




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 128112
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 31.3 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: VY012974.D
Acq: 16 Mar 2023 16:42

Tgt Ion:152 Resp: 58711
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 155.6 0.0 347.8

