

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017184.D
 Acq On : 02 Feb 2024 15:14
 Operator : SY/MD
 Sample : P1340-02
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Feb 02 22:30:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	83230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	179291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	43096	57.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.920%
35) Dibromofluoromethane	7.722	113	43887	45.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.600%
50) Toluene-d8	10.185	98	156251	44.299	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.600%
62) 4-Bromofluorobenzene	12.489	95	52760	45.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.320%

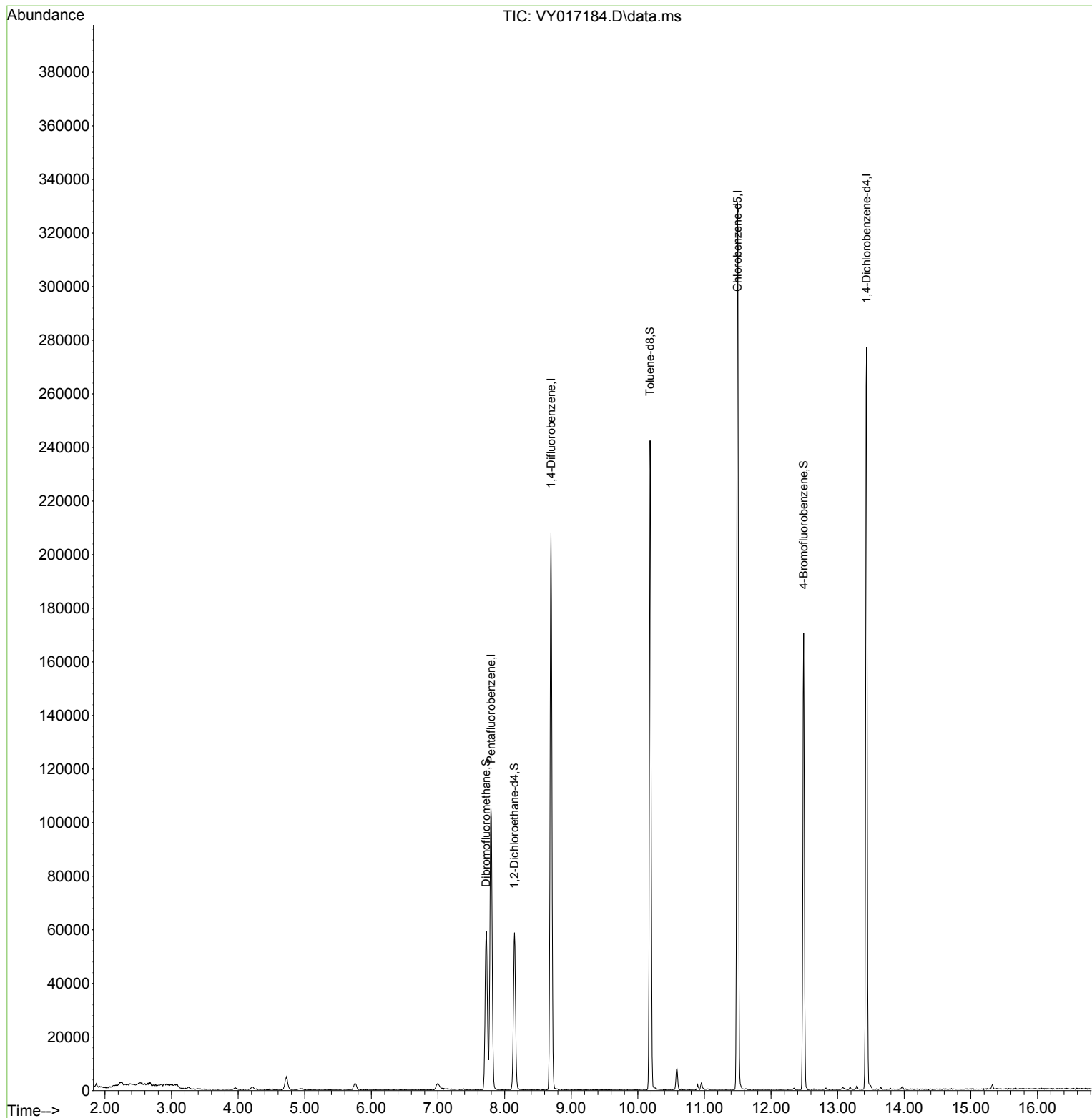
Target Compounds	Qvalue

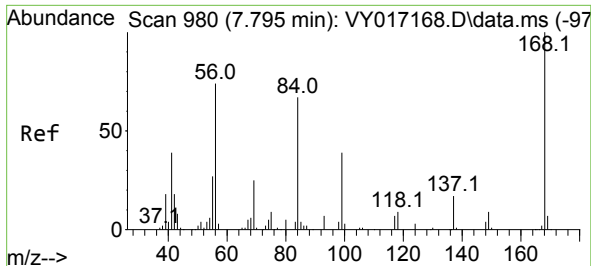
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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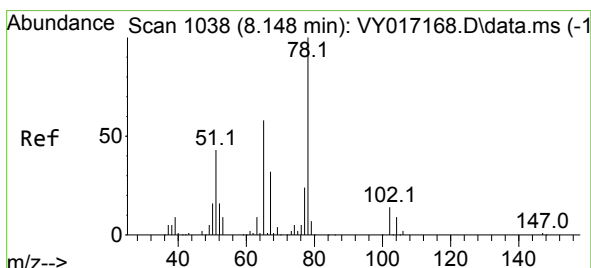
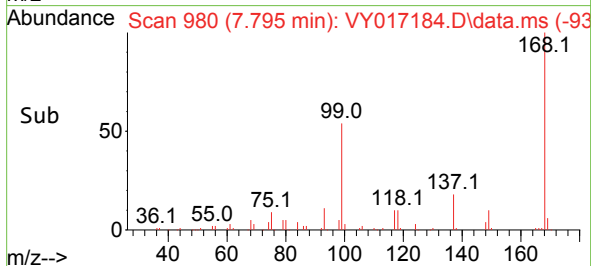
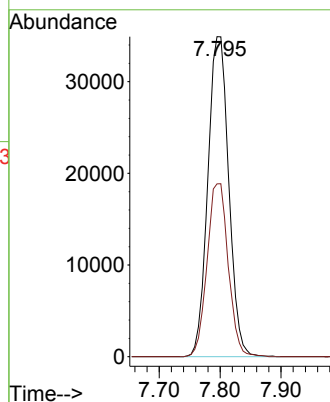
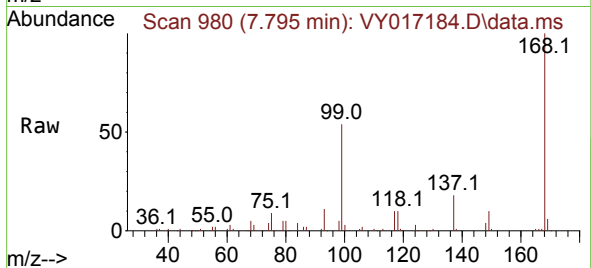




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

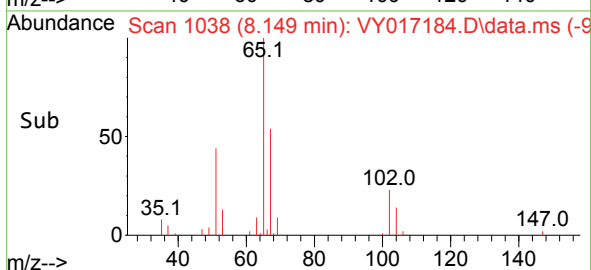
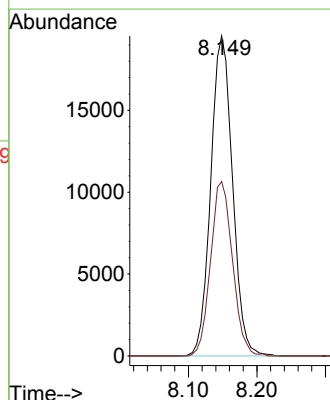
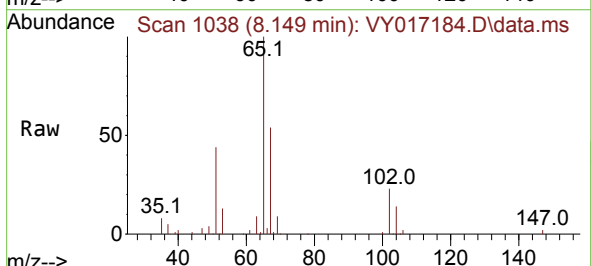
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

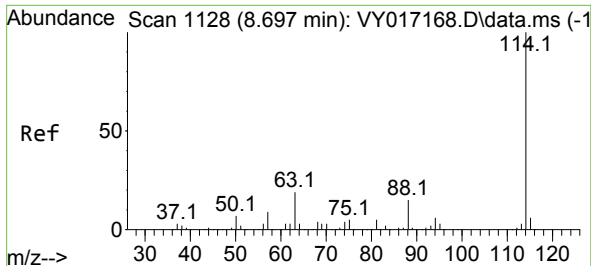
Tgt Ion:168 Resp: 83230
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 57.962 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Tgt Ion: 65 Resp: 43096
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0

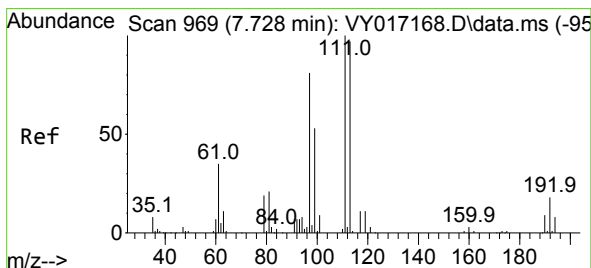
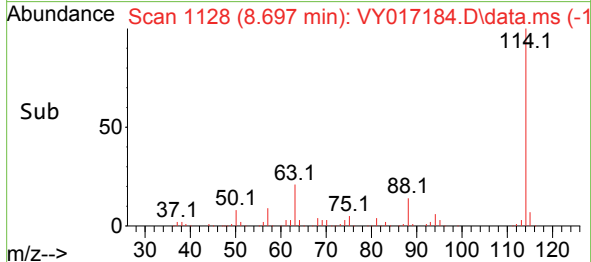
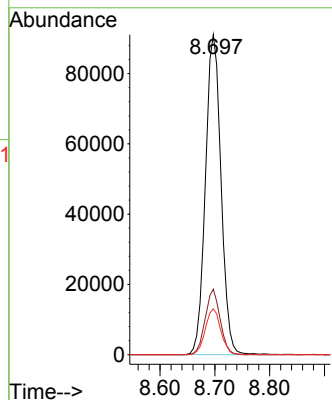
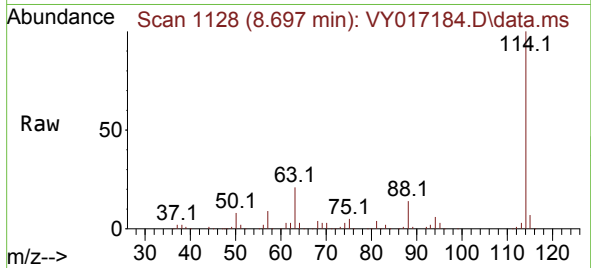




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

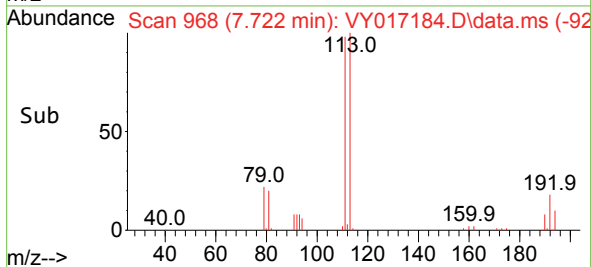
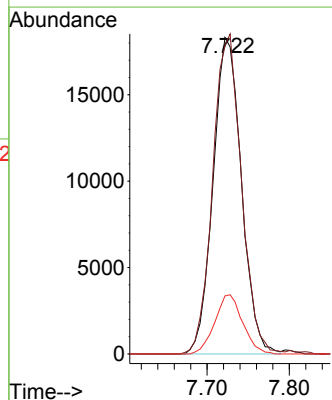
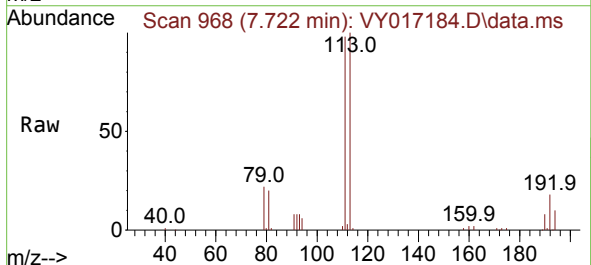
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

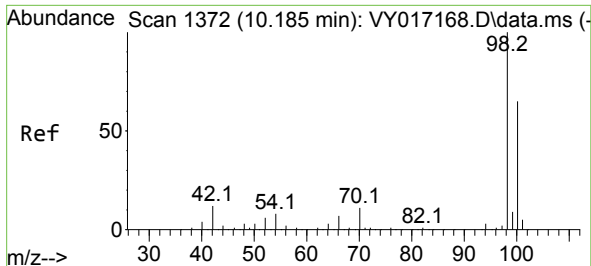
Tgt Ion:114 Resp: 179420
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 14.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 45.303 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Tgt Ion:113 Resp: 43887
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.4 14.5 21.7

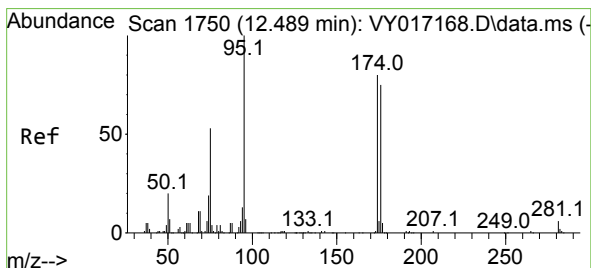
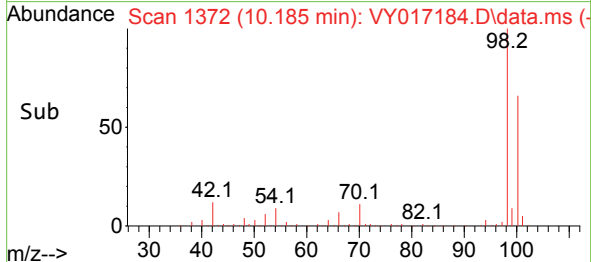
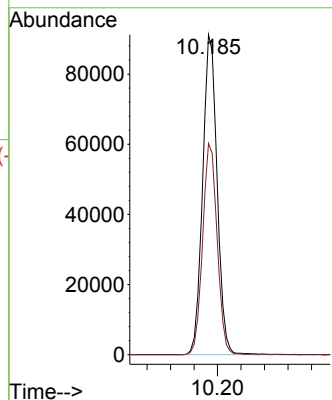
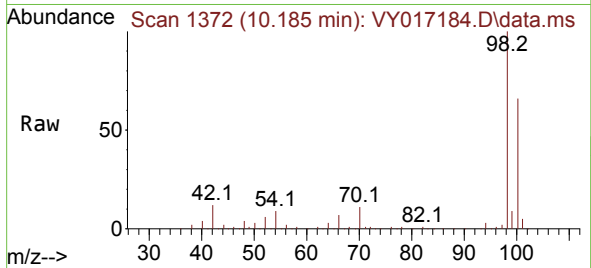




#50
Toluene-d8
Concen: 44.299 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

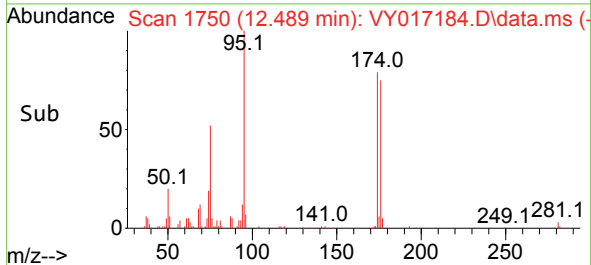
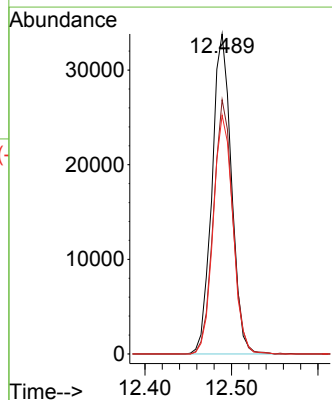
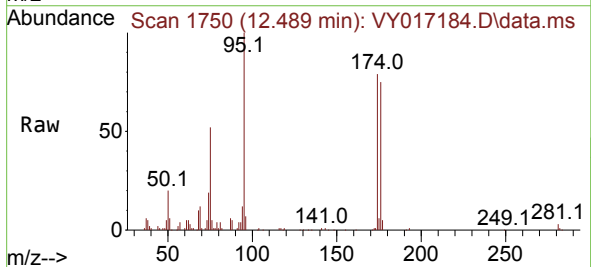
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

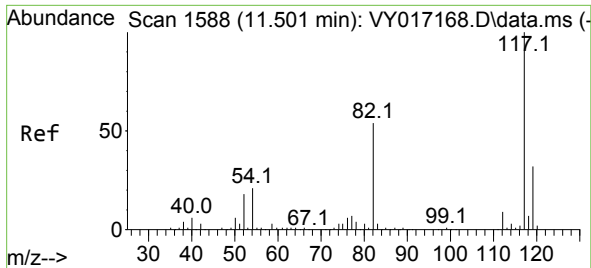
Tgt Ion: 98 Resp: 156251
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.663 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Tgt Ion: 95 Resp: 52760
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 75.4 0.0 151.8

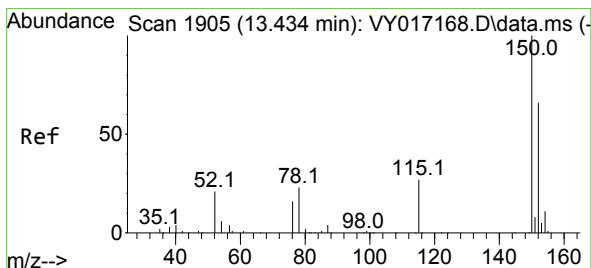
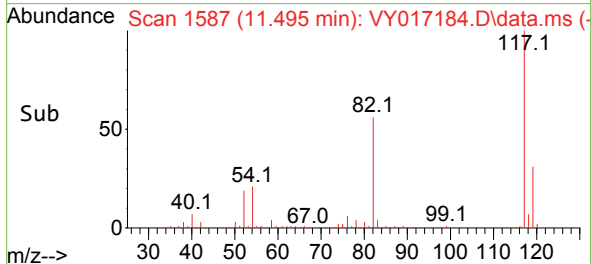
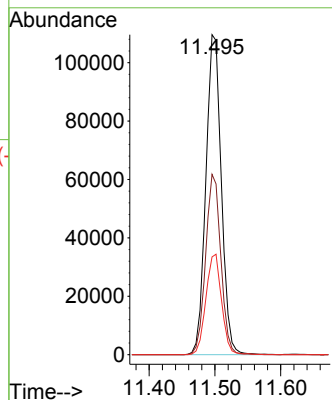
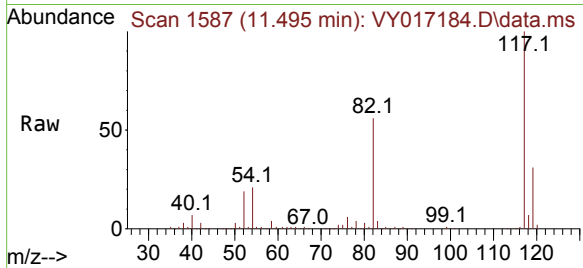




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 179291
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 30.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017184.D
Acq: 02 Feb 2024 15:14

Tgt Ion:152 Resp: 70334
Ion Ratio Lower Upper
152 100
115 57.8 30.0 90.0
150 156.0 0.0 344.6

