

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016851.D
 Acq On : 26 Dec 2023 14:32
 Operator : SY/MD
 Sample : 06018-01
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Dec 27 01:34:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	106055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	230056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	235445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67784	70.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.020%
35) Dibromofluoromethane	7.734	113	67614	51.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.620%
50) Toluene-d8	10.191	98	244924	51.557	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.489	95	83013	53.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.720%

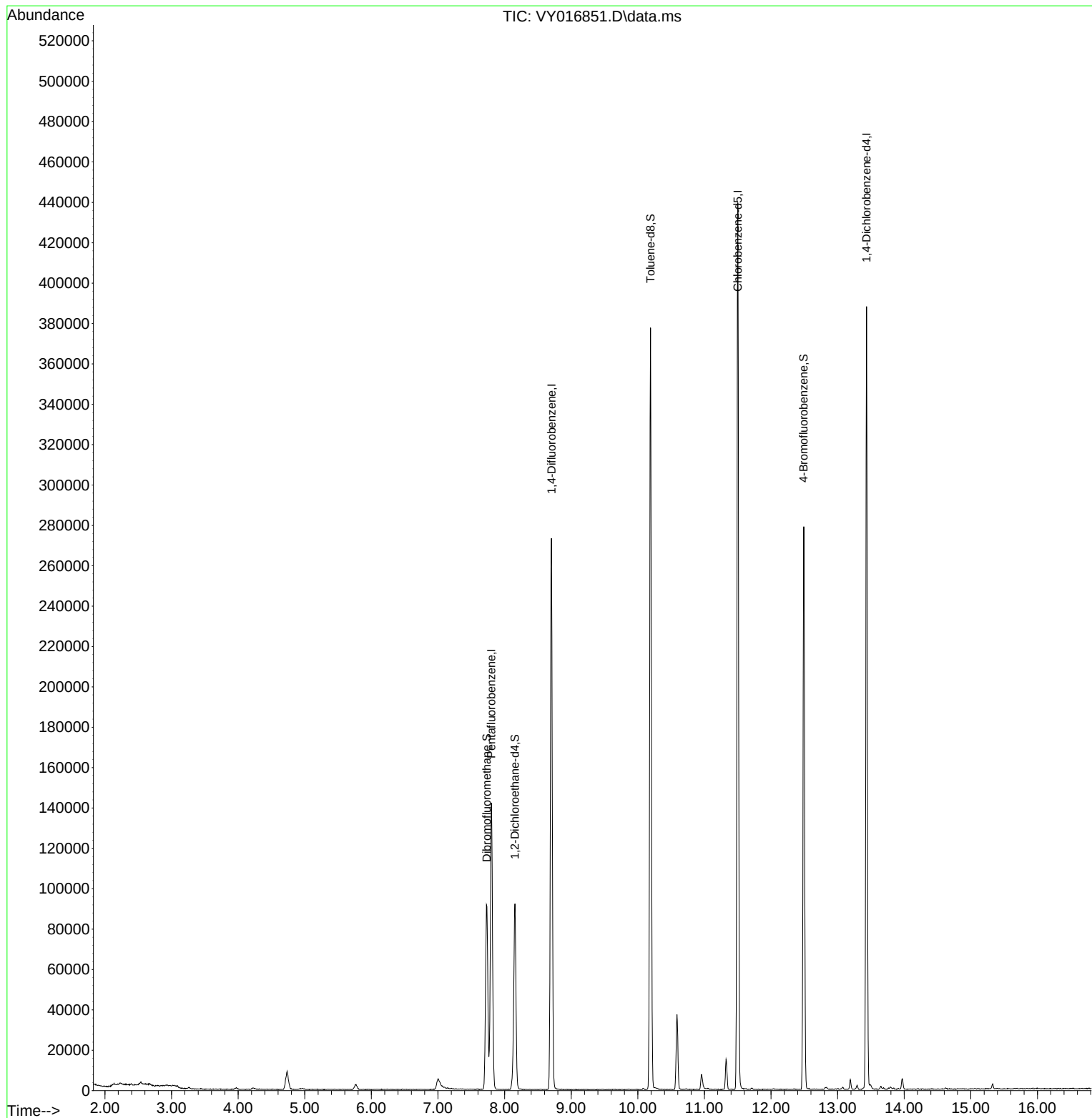
Target Compounds	Qvalue

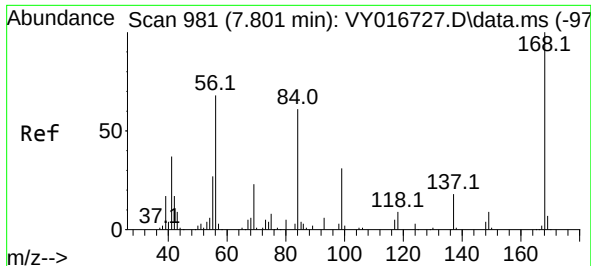
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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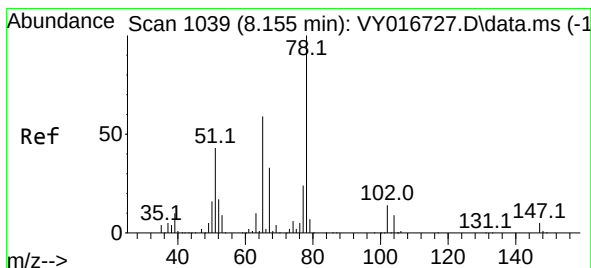
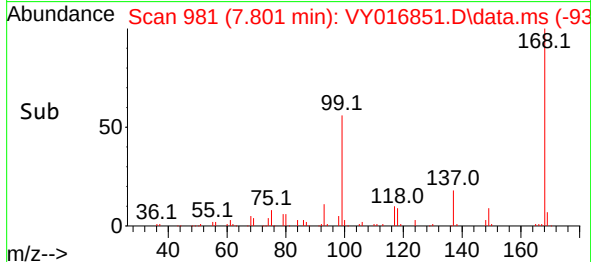
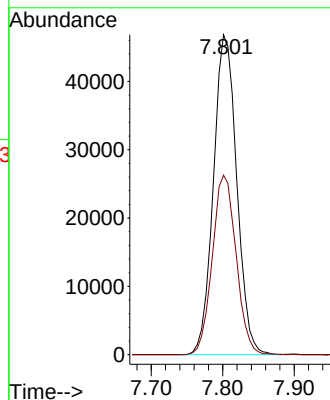
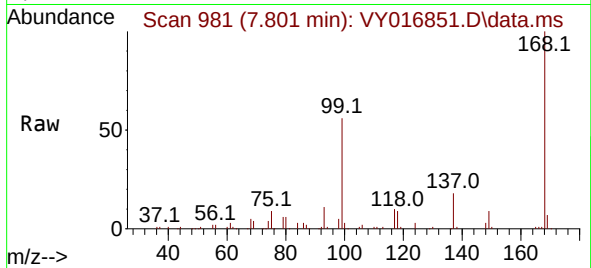




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

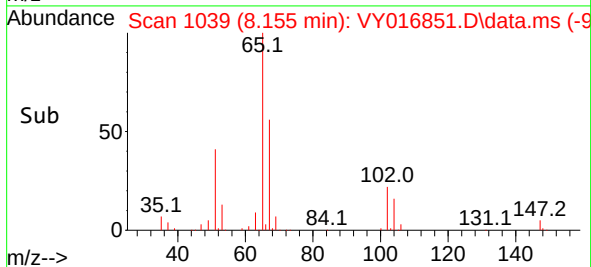
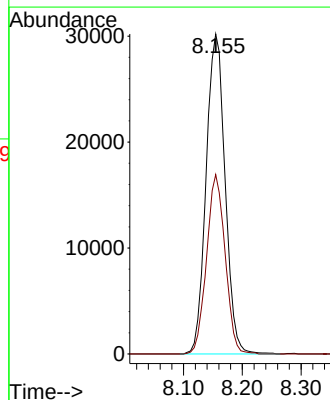
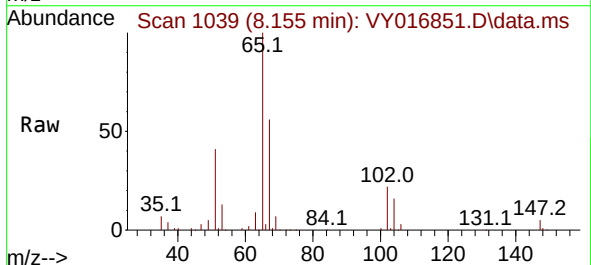
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

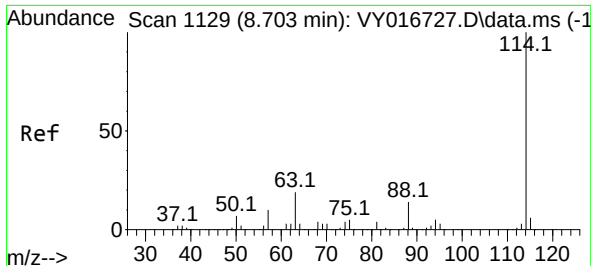
Tgt Ion:168 Resp: 106055
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 70.013 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

Tgt Ion: 65 Resp: 67784
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0

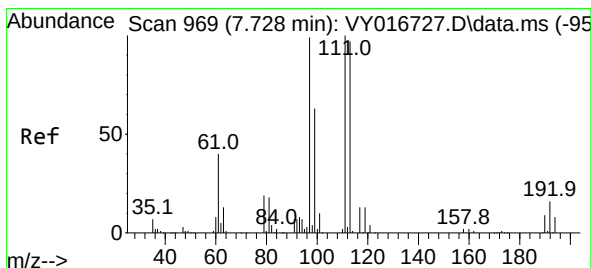
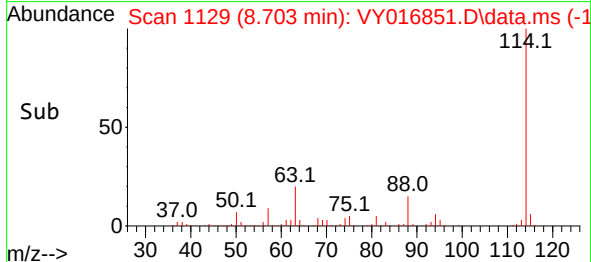
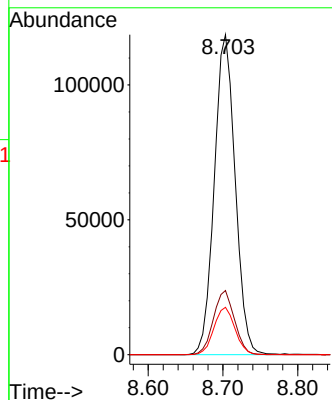
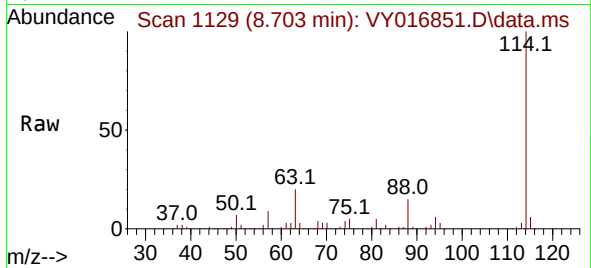




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

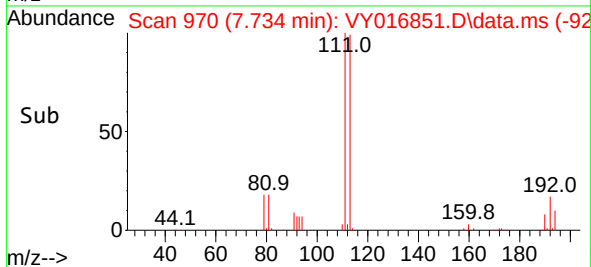
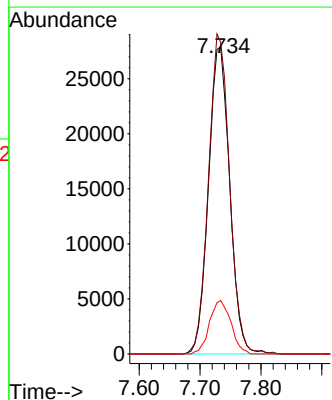
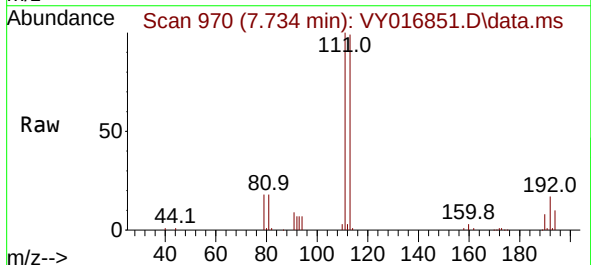
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

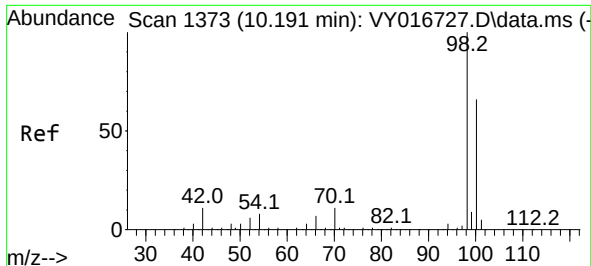
Tgt Ion:114 Resp: 230056
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 14.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.308 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

Tgt Ion:113 Resp: 67614
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.5 14.5 21.7

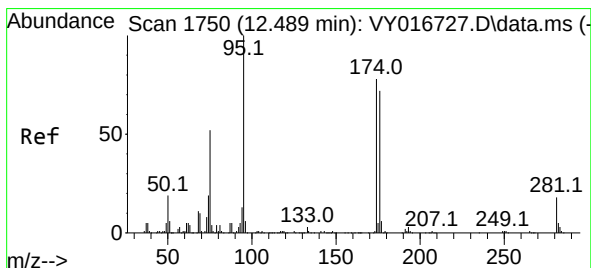
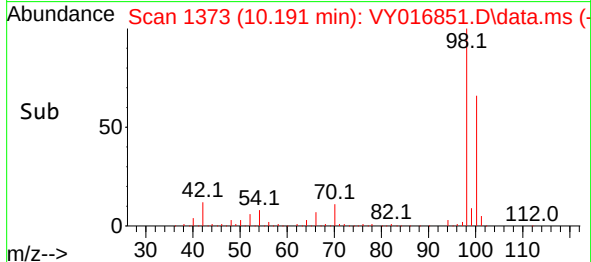
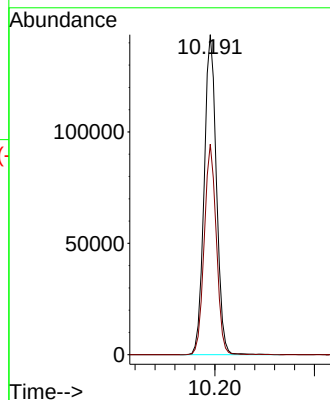
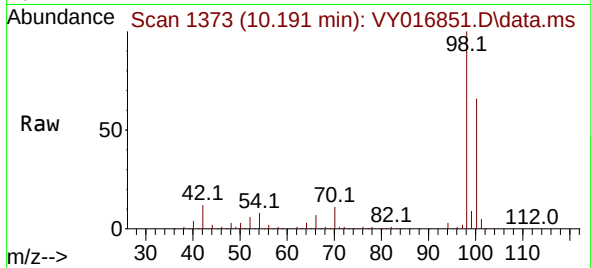




#50
Toluene-d8
Concen: 51.557 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

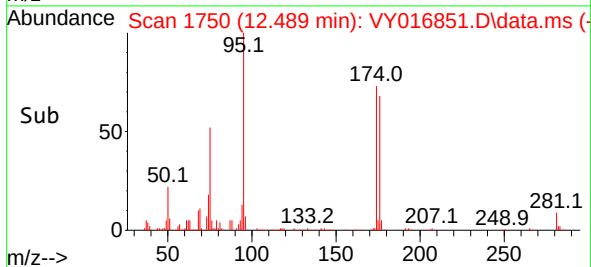
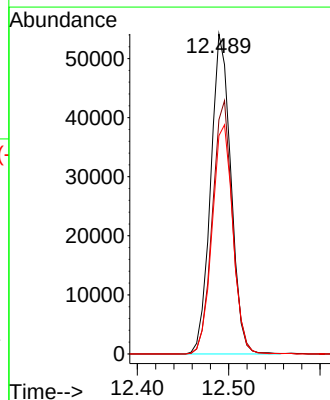
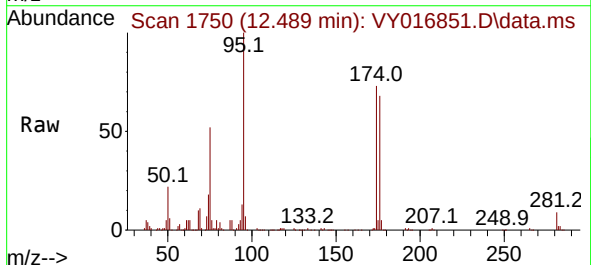
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

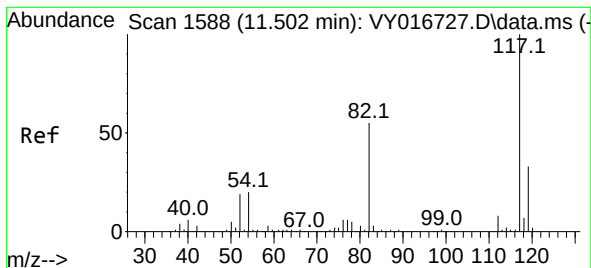
Tgt Ion: 98 Resp: 244924
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 53.861 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

Tgt Ion: 95 Resp: 83013
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 73.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016851.D

Acq: 26 Dec 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

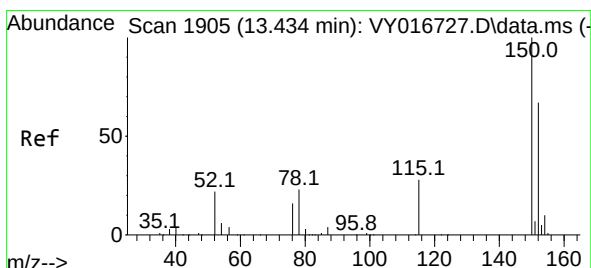
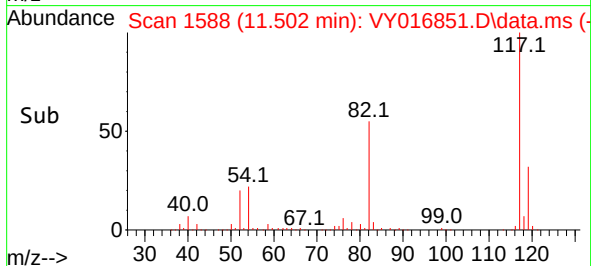
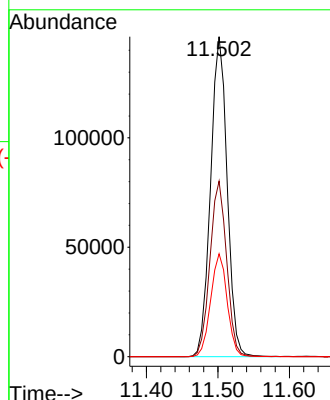
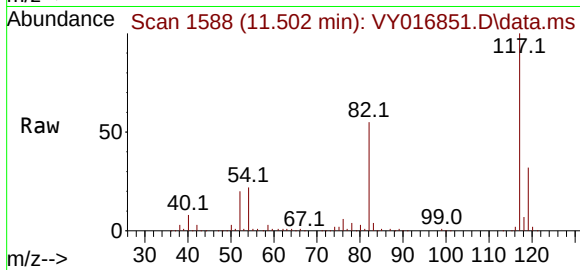
Tgt Ion:117 Resp: 235445

Ion Ratio Lower Upper

117 100

82 54.9 43.8 65.8

119 32.2 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: VY016851.D

Acq: 26 Dec 2023 14:32

Tgt Ion:152 Resp: 93325

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 157.6 0.0 344.6

