

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016858.D
 Acq On : 26 Dec 2023 17:16
 Operator : SY/MD
 Sample : 06011-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-122223

Quant Time: Dec 27 01:36:52 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	4475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	7904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	5921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	2134	52.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.480%
35) Dibromofluoromethane	7.728	113	2016	44.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.060%
50) Toluene-d8	10.197	98	7662	46.944	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.495	95	1435	27.100	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.200%

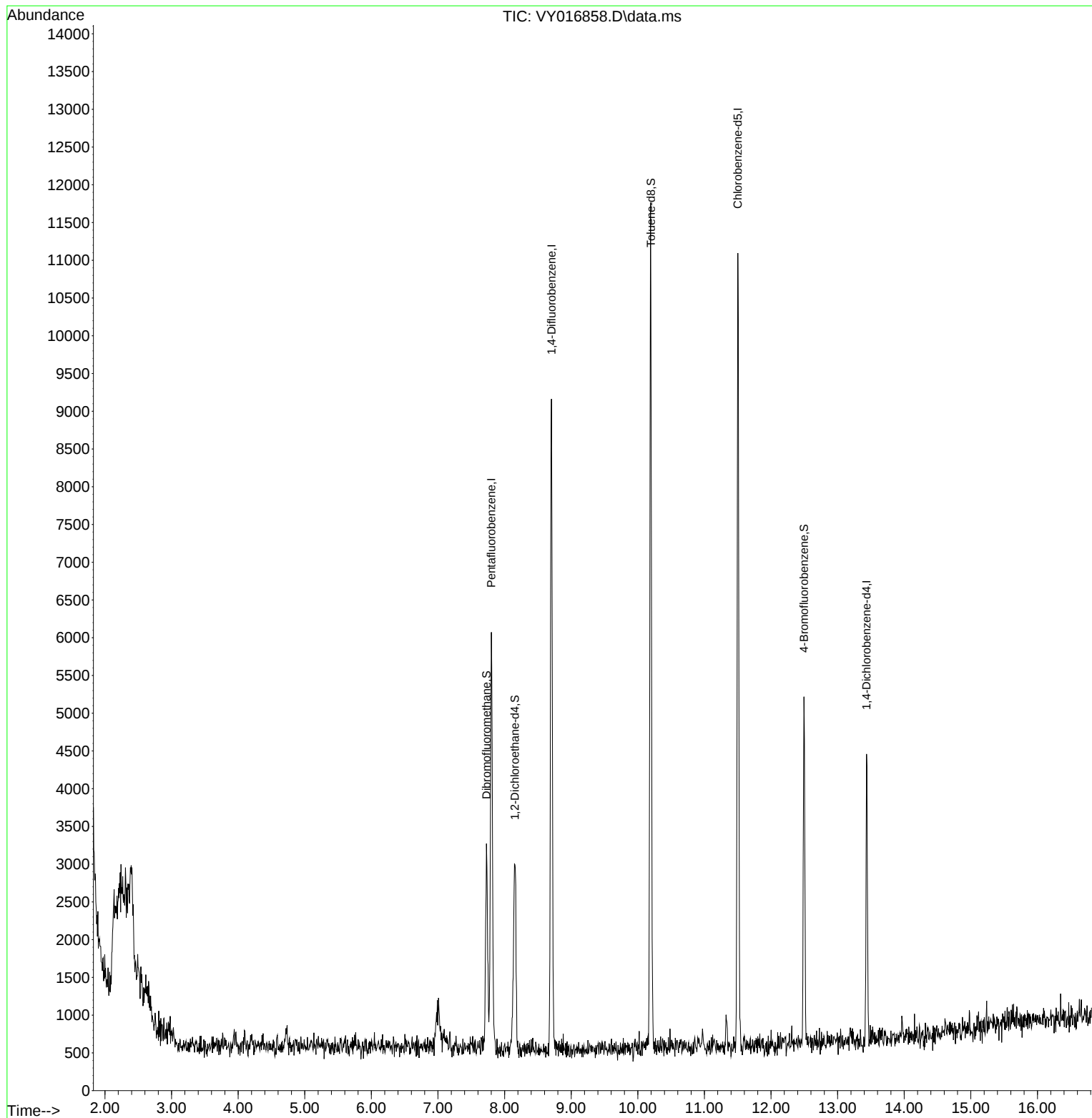
Target Compounds	Qvalue

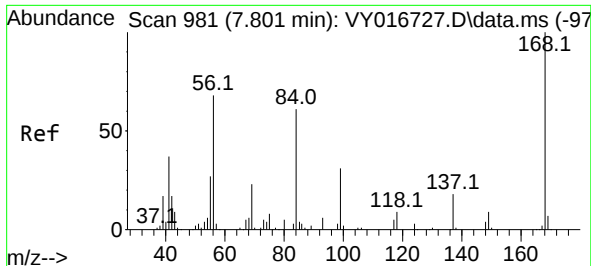
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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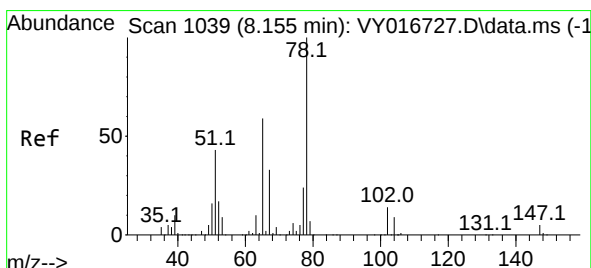
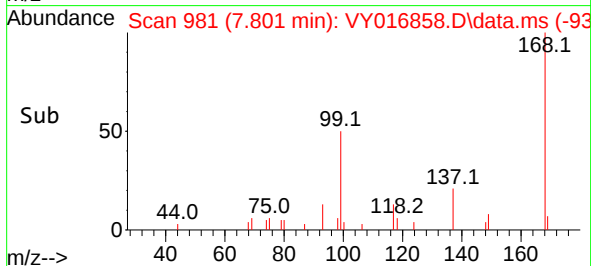
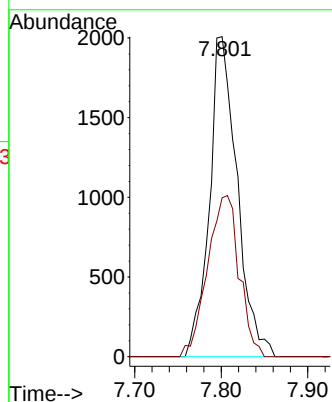
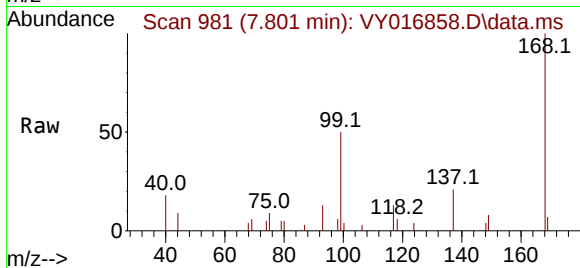




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016858.D
Acq: 26 Dec 2023 17:16

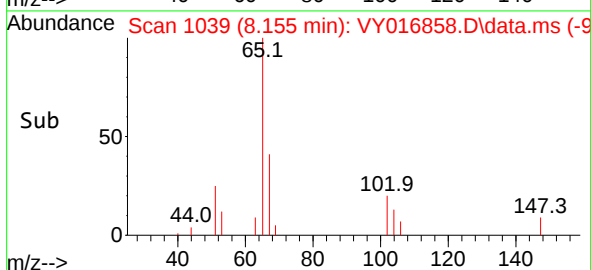
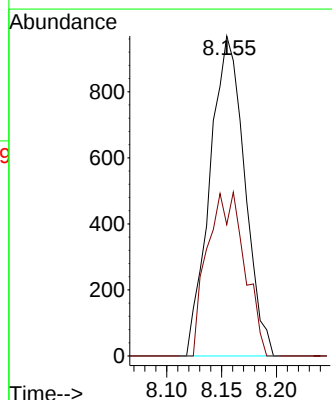
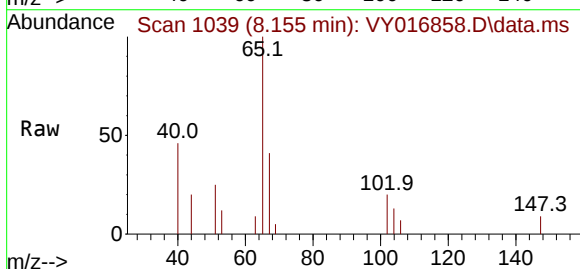
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-122223

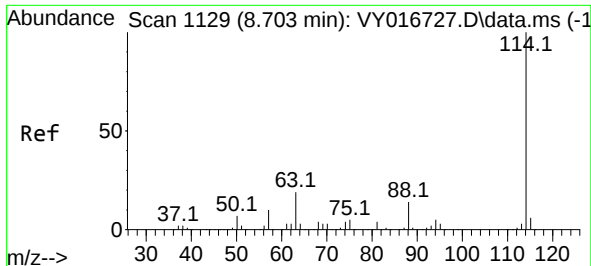
Tgt Ion:168 Resp: 4475
Ion Ratio Lower Upper
168 100
99 49.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.237 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016858.D
Acq: 26 Dec 2023 17:16

Tgt Ion: 65 Resp: 2134
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: VY016858.D

Acq: 26 Dec 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-122223

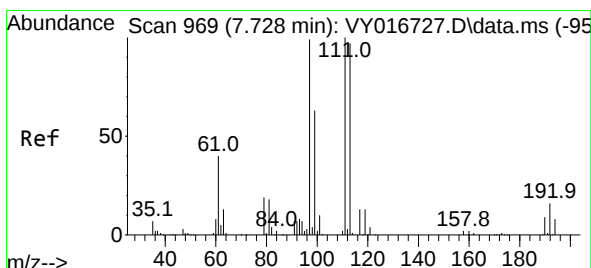
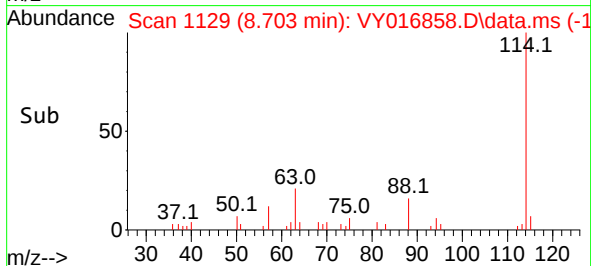
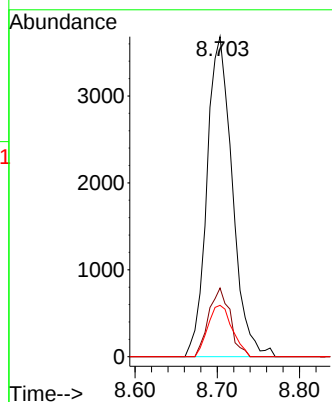
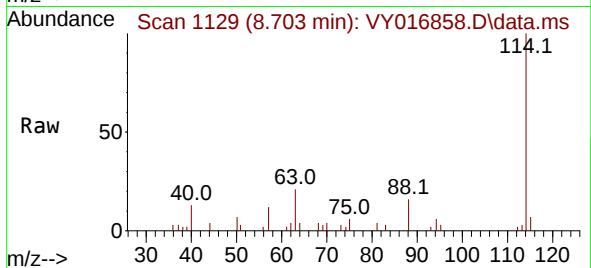
Tgt Ion:114 Resp: 7904

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 16.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.527 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016858.D

Acq: 26 Dec 2023 17:16

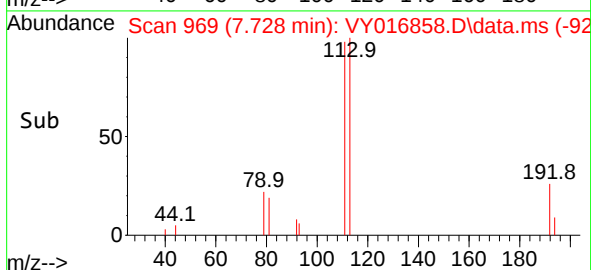
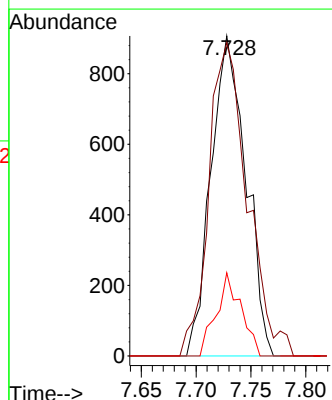
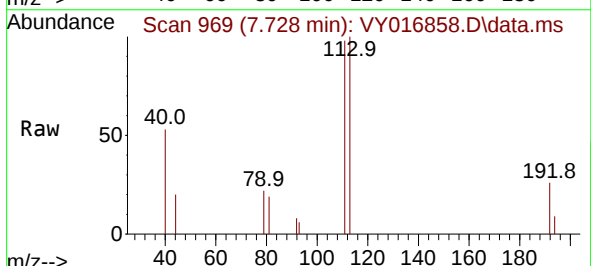
Tgt Ion:113 Resp: 2016

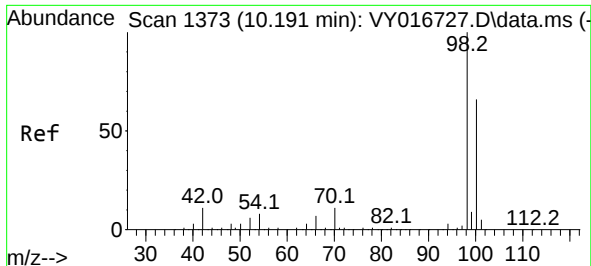
Ion Ratio Lower Upper

113 100

111 107.5 83.8 125.6

192 18.4 14.5 21.7

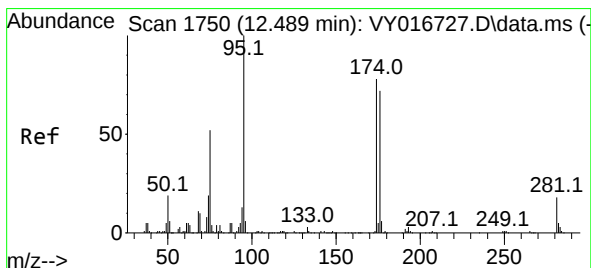
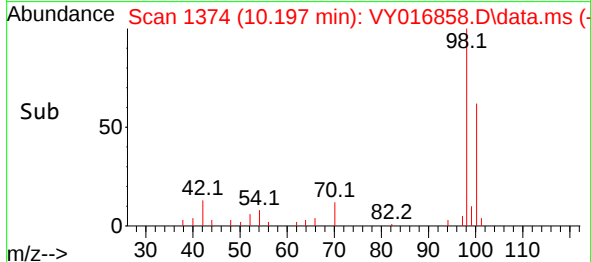
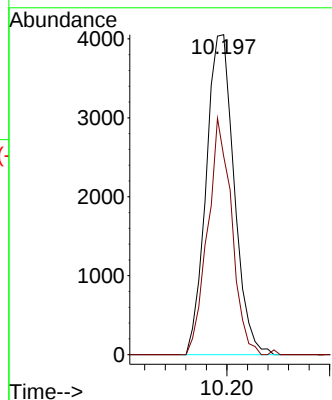
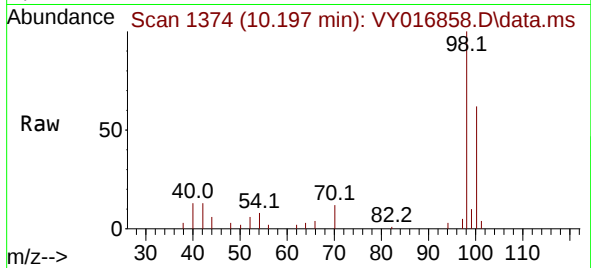




#50
Toluene-d8
Concen: 46.944 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016858.D
Acq: 26 Dec 2023 17:16

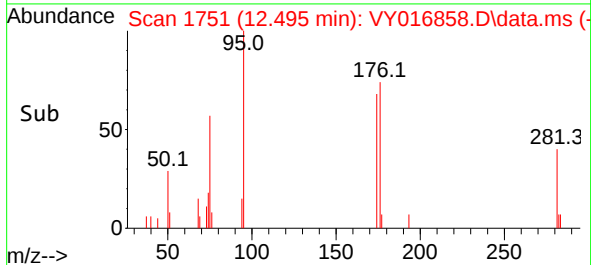
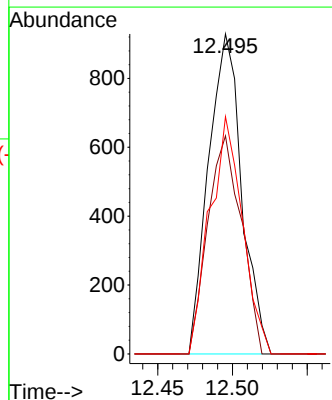
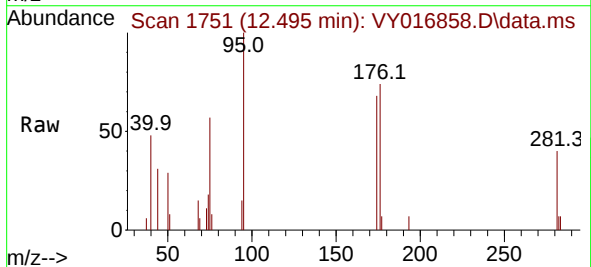
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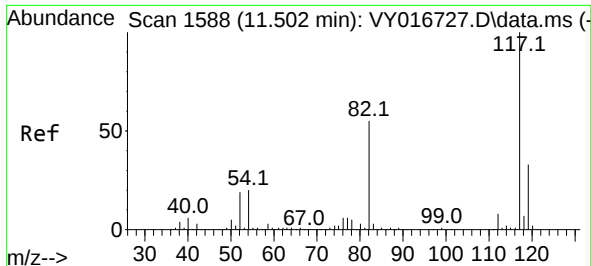
Tgt Ion: 98 Resp: 7662
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 27.100 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016858.D
Acq: 26 Dec 2023 17:16

Tgt Ion: 95 Resp: 1435
Ion Ratio Lower Upper
95 100
174 68.9 0.0 160.0
176 73.0 0.0 151.8

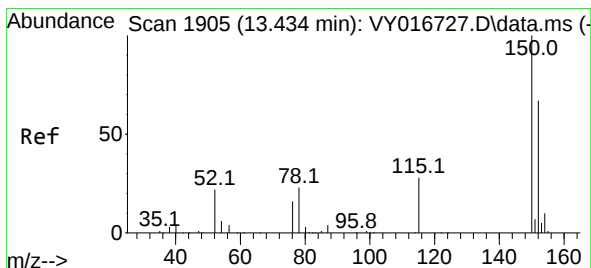
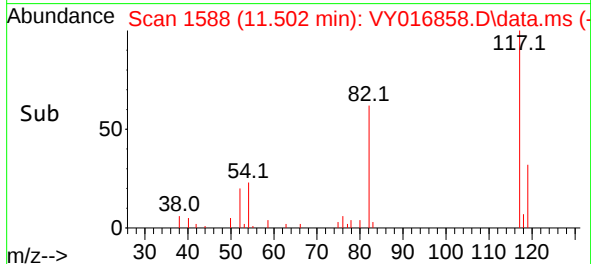
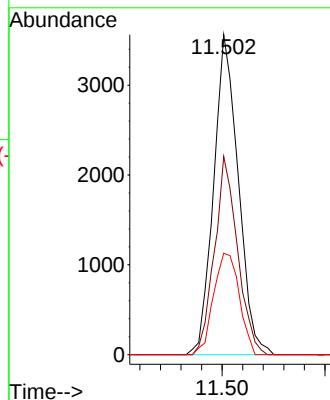
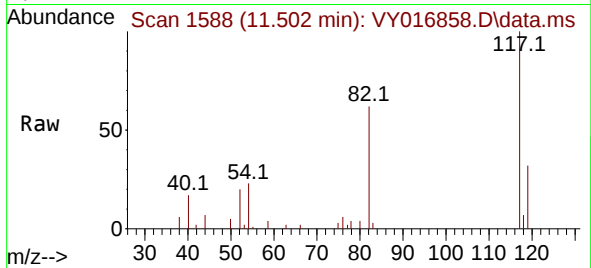




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016858.D
Acq: 26 Dec 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-122223

Tgt Ion:	117	Resp:	5921
Ion Ratio	Lower	Upper	
117	100		
82	62.0	43.8	65.8
119	31.7	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: VY016858.D
Acq: 26 Dec 2023 17:16

Tgt Ion:	152	Resp:	1192
Ion Ratio	Lower	Upper	
152	100		
115	58.8	30.0	90.0
150	141.4	0.0	344.6

