

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016845.D
 Acq On : 26 Dec 2023 11:32
 Operator : SY/MD
 Sample : VY1226SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1226SBL01

Quant Time: Dec 27 01:31:05 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	7.807	168	108468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	236825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	235026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	64207	64.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.680%
35) Dibromofluoromethane	7.734	113	67810	49.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.191	98	248608	50.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.489	95	81815	51.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.140%

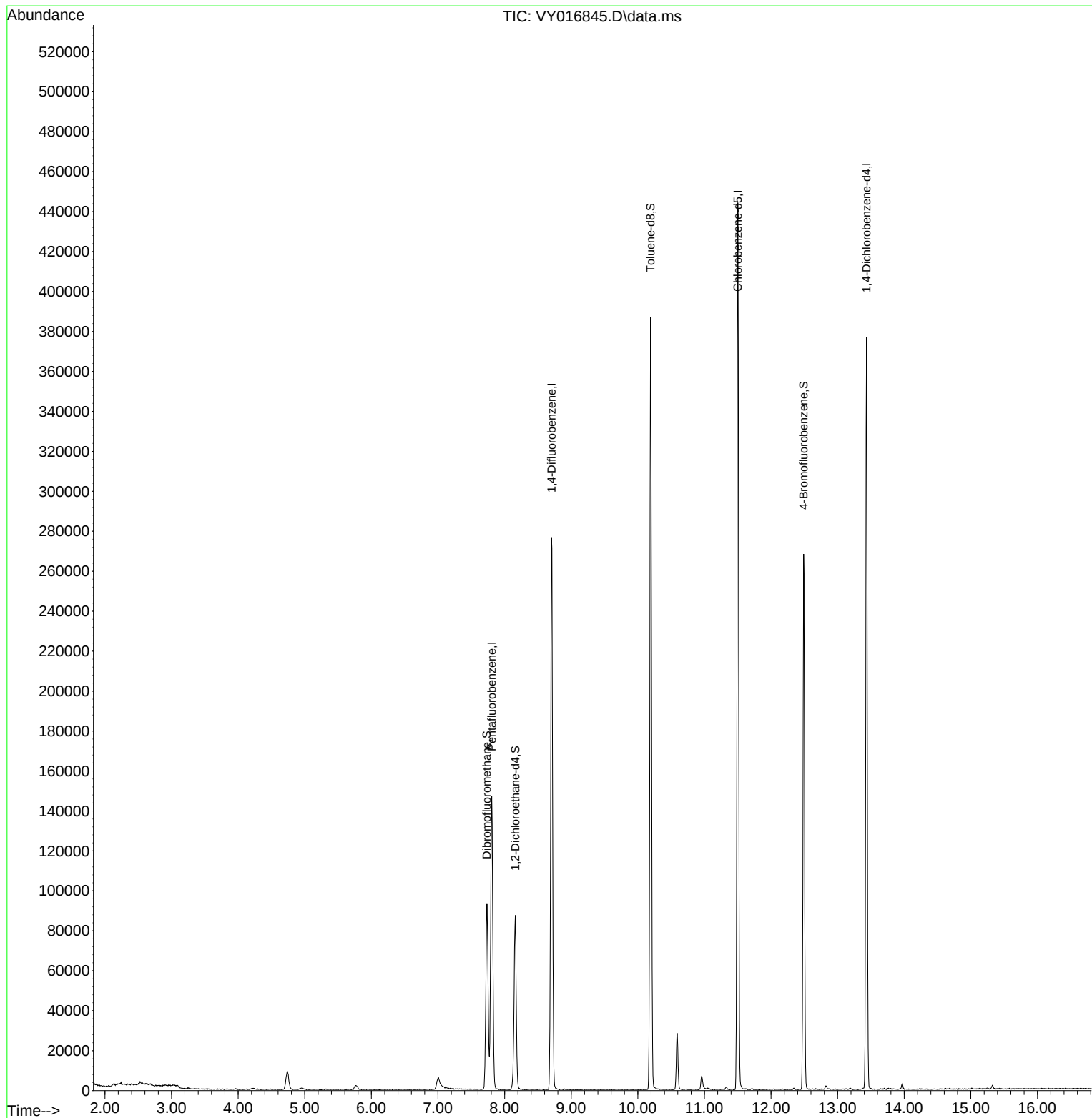
Target Compounds	Qvalue

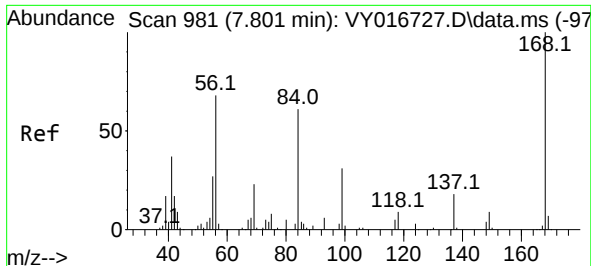
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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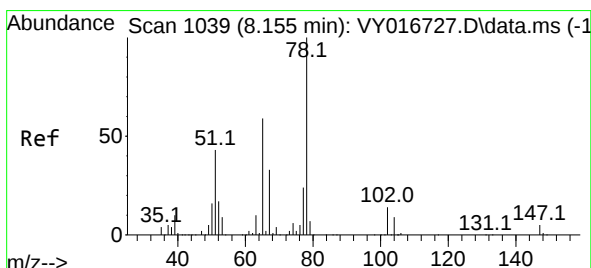
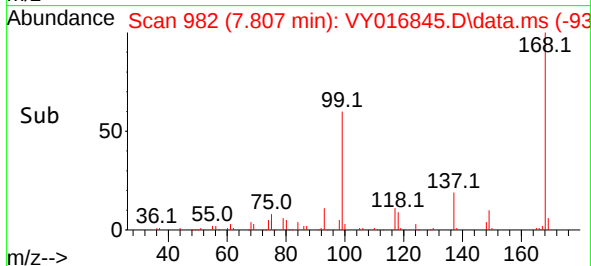
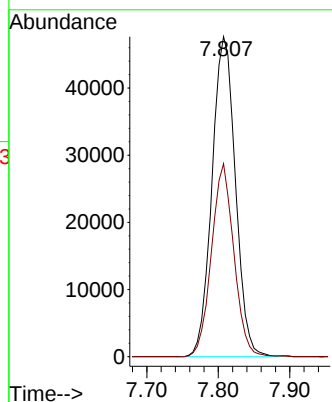
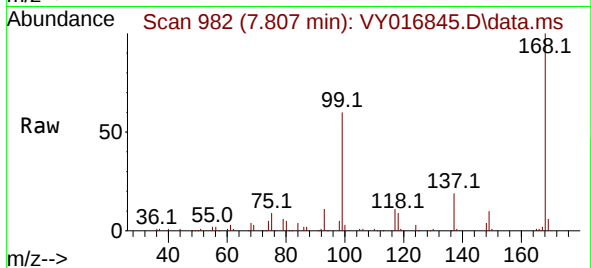




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

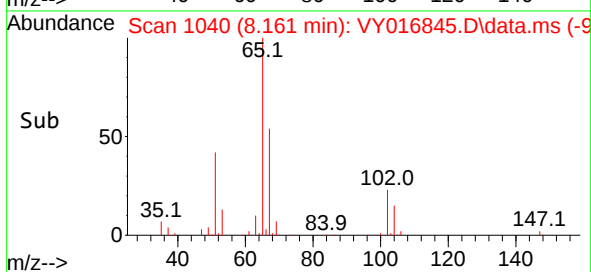
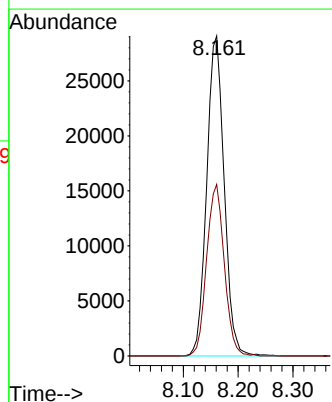
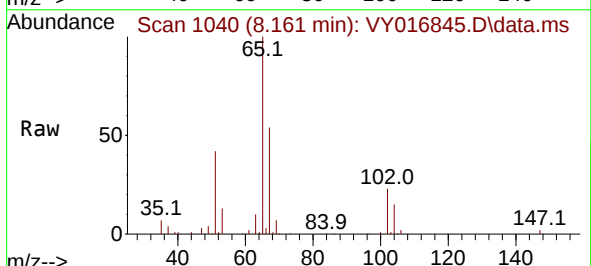
Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

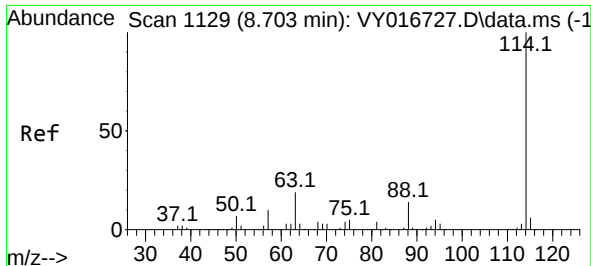
Tgt Ion:168 Resp: 108468
Ion Ratio Lower Upper
168 100
99 60.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 64.843 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

Tgt Ion: 65 Resp: 64207
Ion Ratio Lower Upper
65 100
67 54.2 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: VY016845.D

Acq: 26 Dec 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1226SBL01

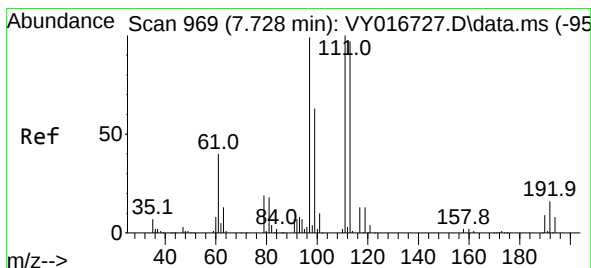
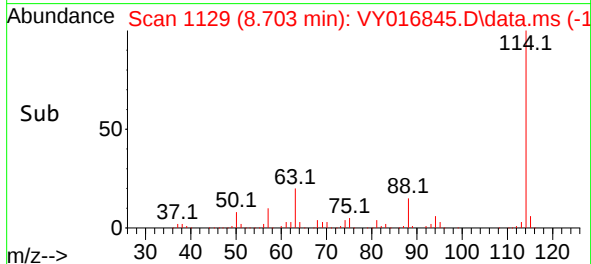
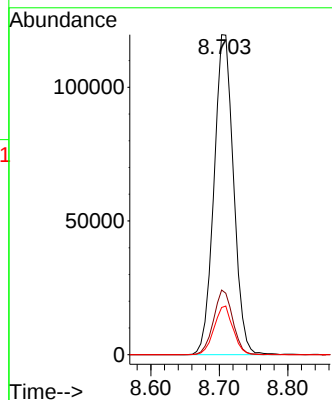
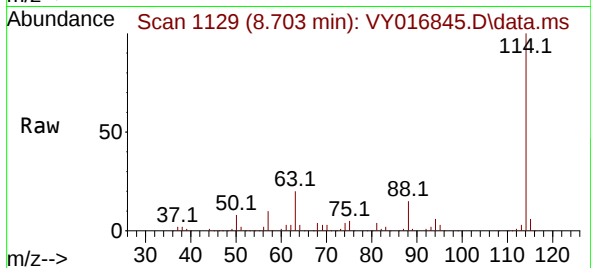
Tgt Ion:114 Resp: 236825

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.986 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016845.D

Acq: 26 Dec 2023 11:32

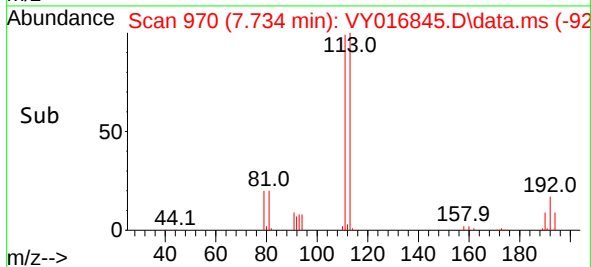
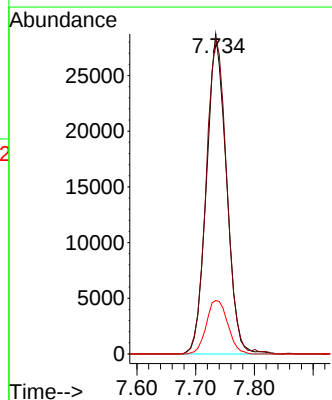
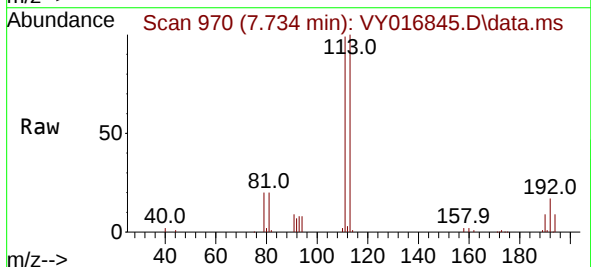
Tgt Ion:113 Resp: 67810

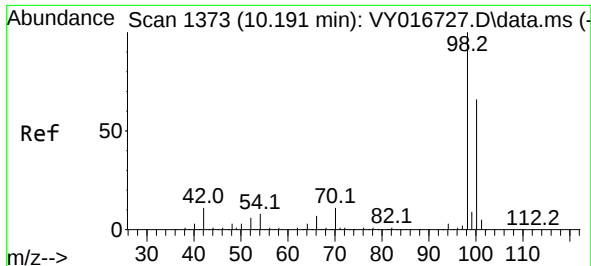
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.9 14.5 21.7

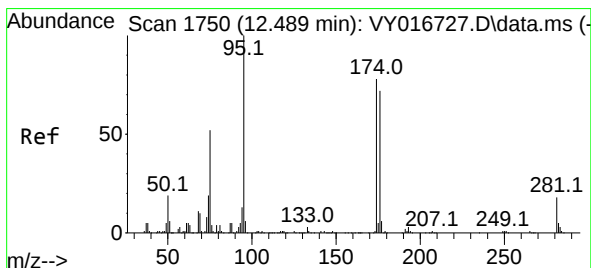
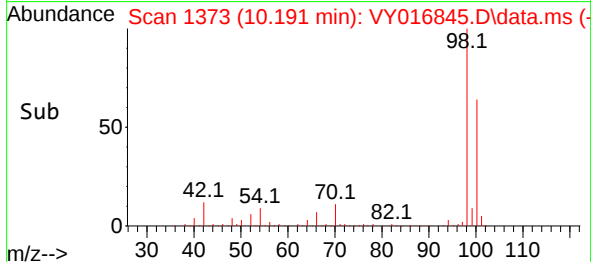
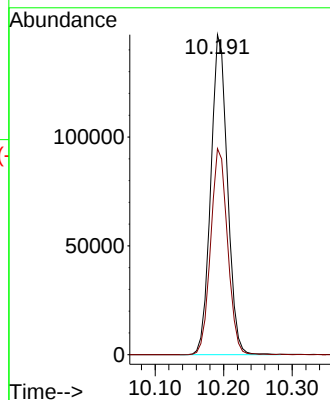
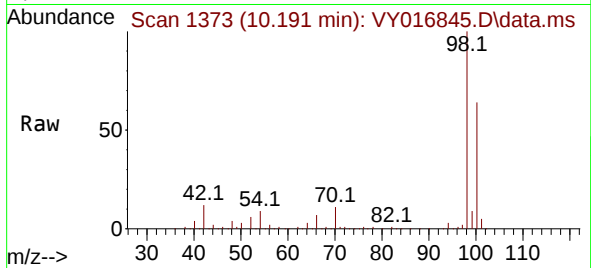




#50
Toluene-d8
Concen: 50.836 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

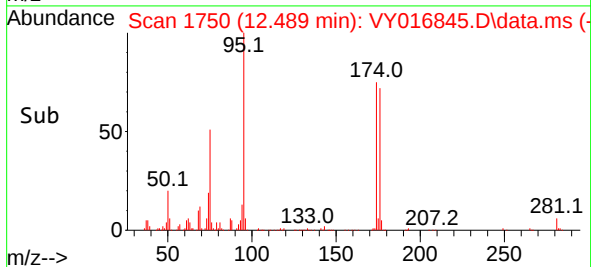
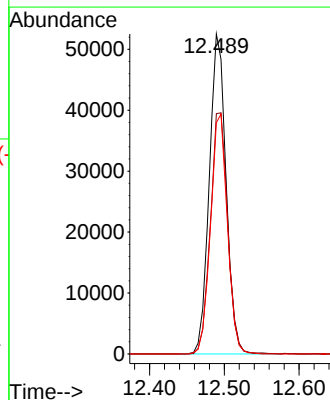
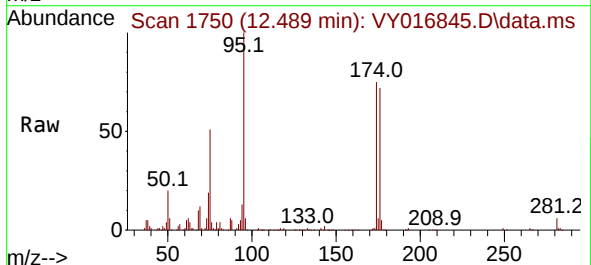
Instrument :
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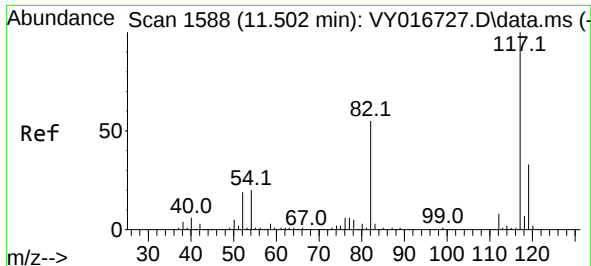
Tgt Ion: 98 Resp: 248608
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.567 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

Tgt Ion: 95 Resp: 81815
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.0
176 75.3 0.0 151.8

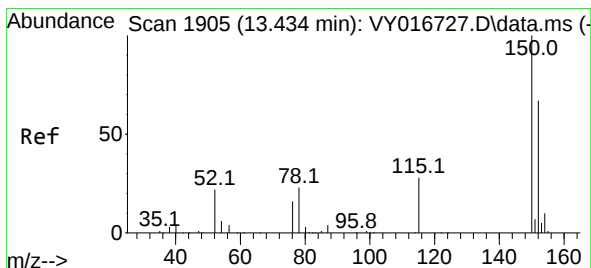
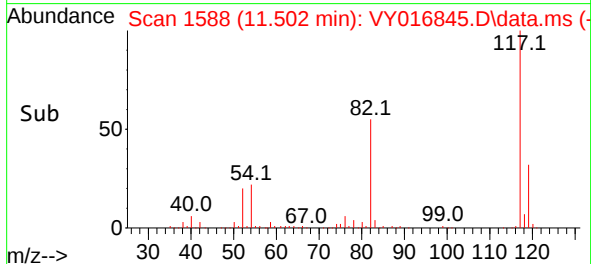
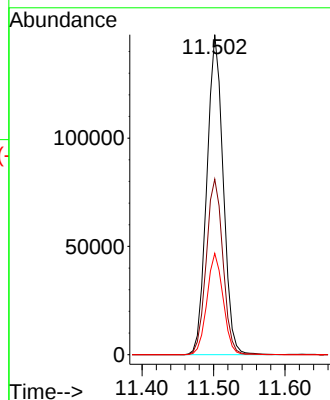
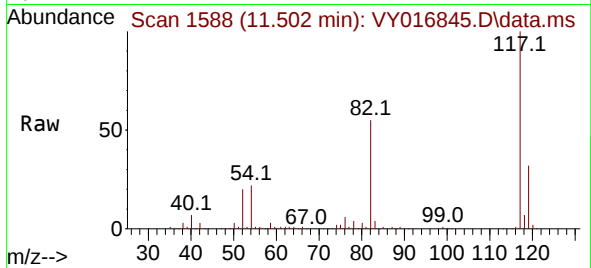




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1226SBL01

Tgt Ion:117 Resp: 235026
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 31.6 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: VY016845.D
Acq: 26 Dec 2023 11:32

Tgt Ion:152 Resp: 92700
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 156.1 0.0 344.6

