

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016206.D
 Acq On : 03 Nov 2023 11:39
 Operator : SY/MD
 Sample : 05213-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-293RE

Quant Time: Nov 03 23:00:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	75579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	133253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	123422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	56527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45238	63.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.940%
35) Dibromofluoromethane	7.722	113	39855	50.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.185	98	154307	48.991	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.489	95	53253	49.444	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.880%

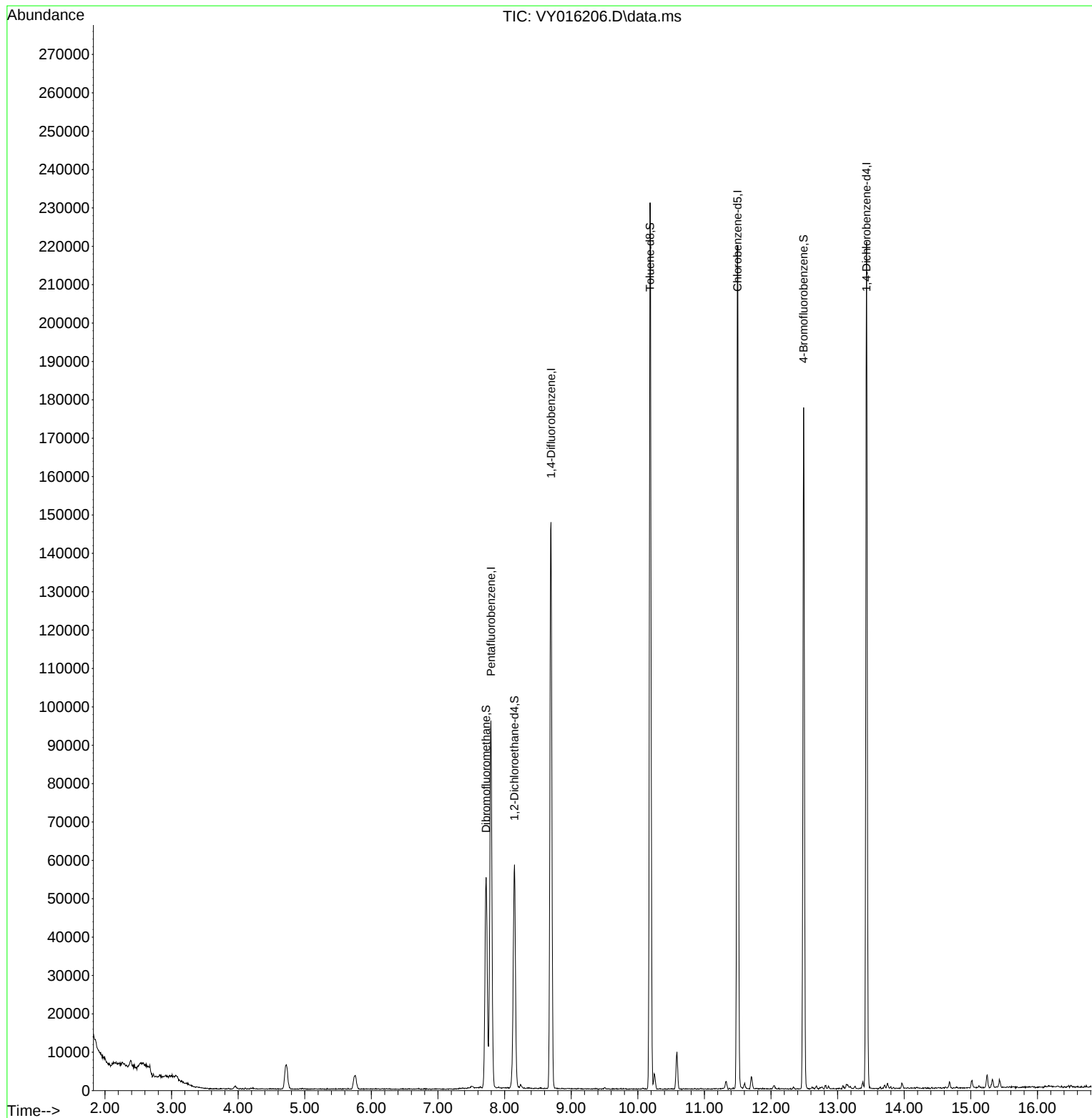
Target Compounds	Qvalue

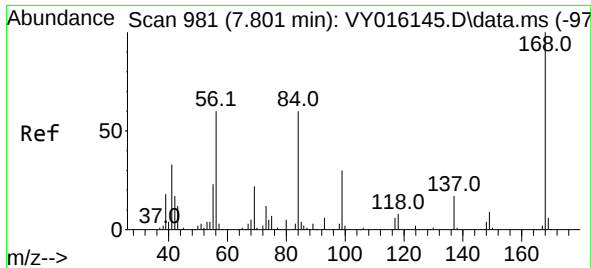
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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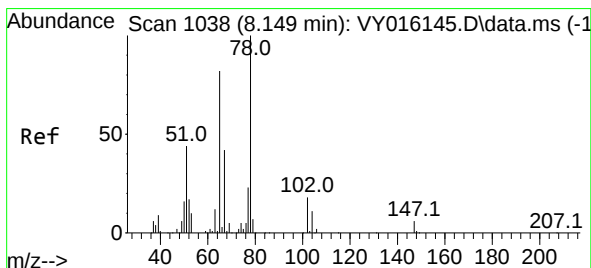
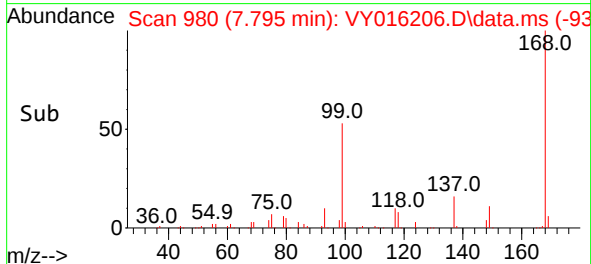
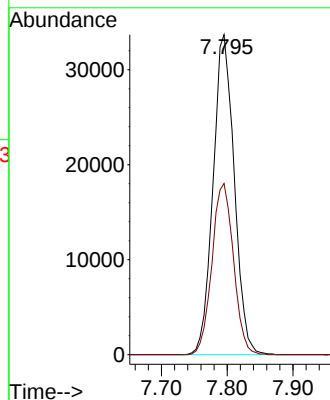
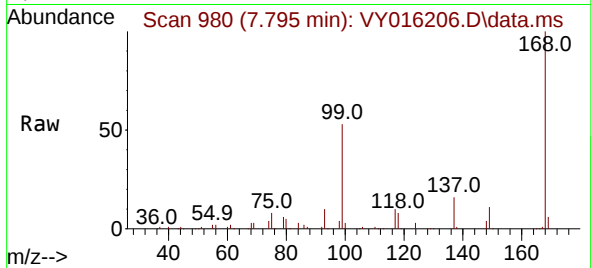




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

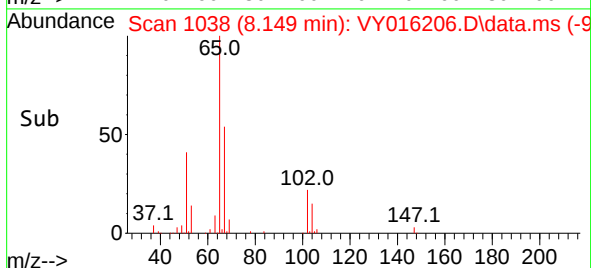
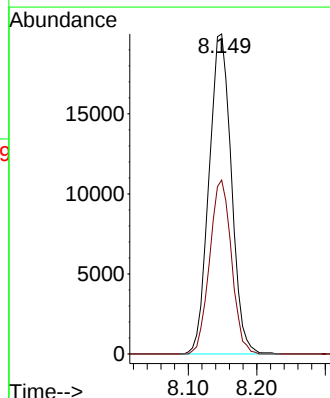
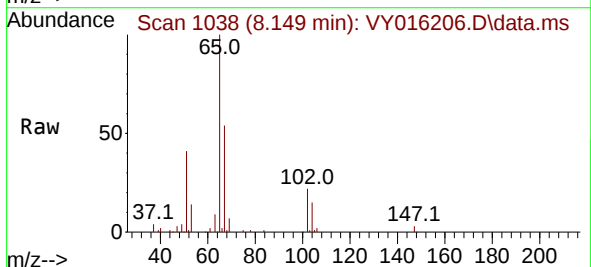
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-293RE

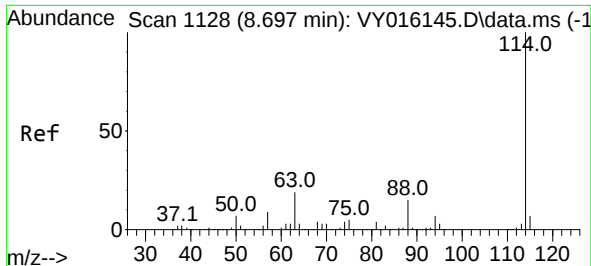
Tgt Ion:168 Resp: 75579
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.966 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Tgt Ion: 65 Resp: 45238
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

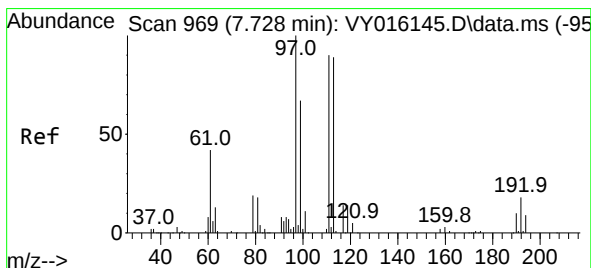
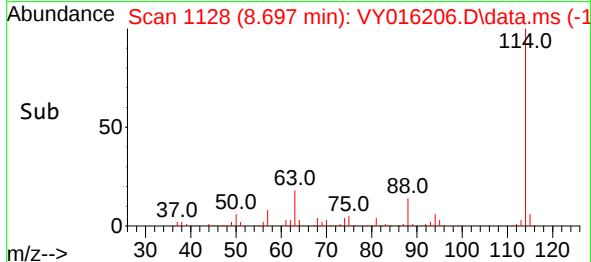
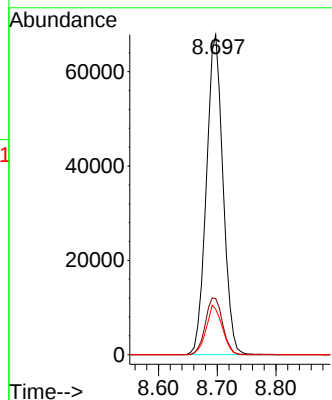
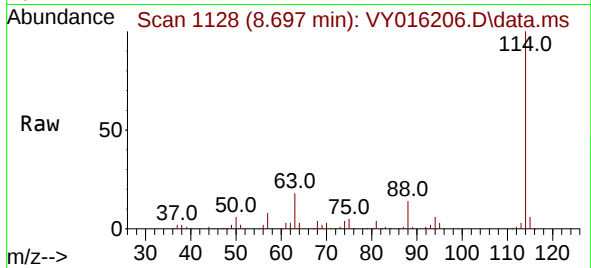




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

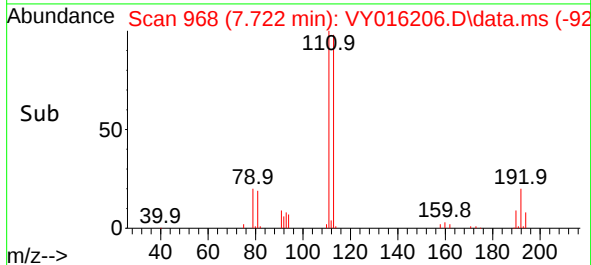
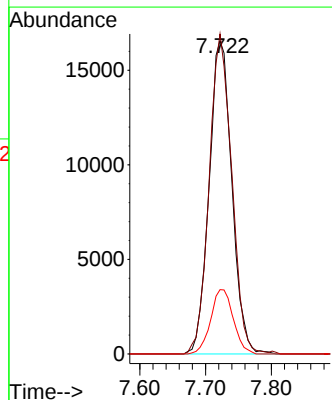
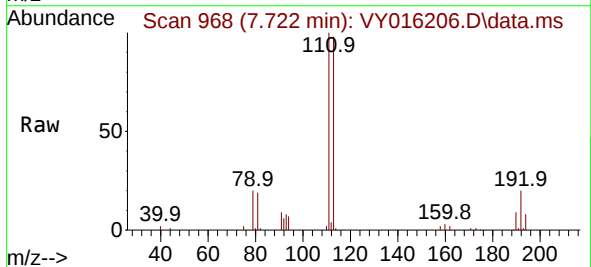
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-293RE

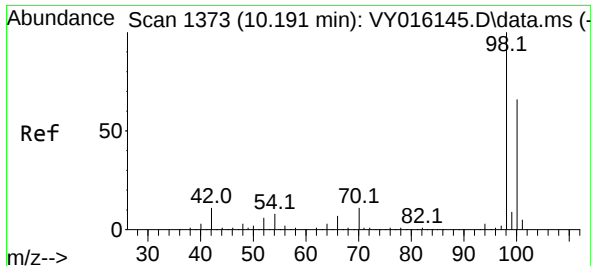
Tgt Ion:114 Resp: 133253
Ion Ratio Lower Upper
114 100
63 17.6 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.169 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Tgt Ion:113 Resp: 39855
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 20.4 16.9 25.3

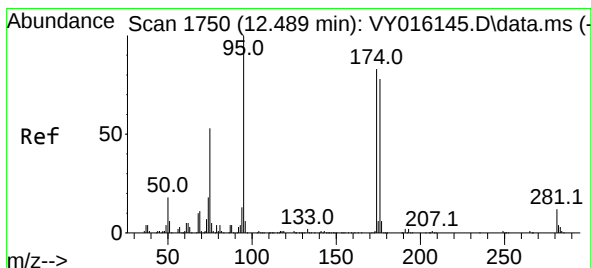
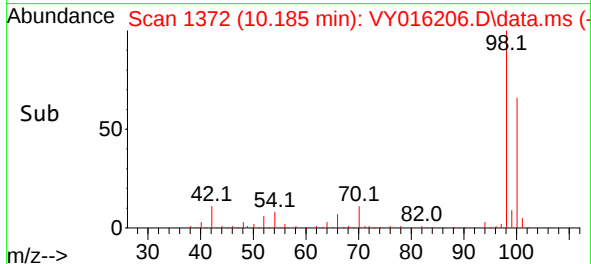
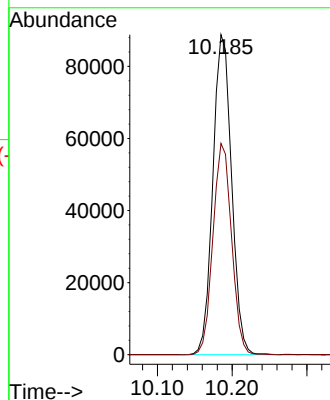
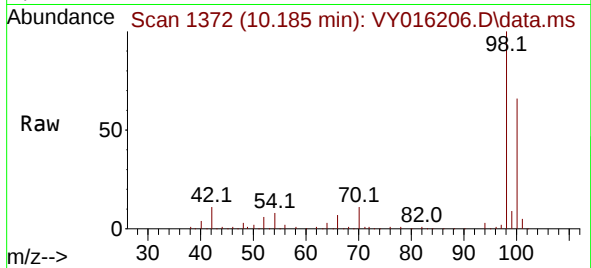




#50
Toluene-d8
Concen: 48.991 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

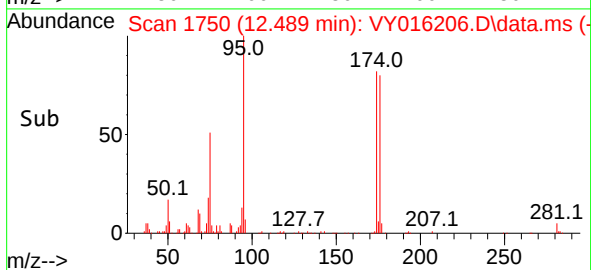
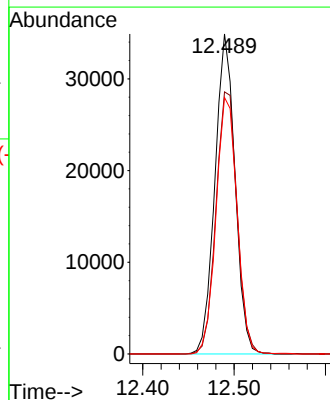
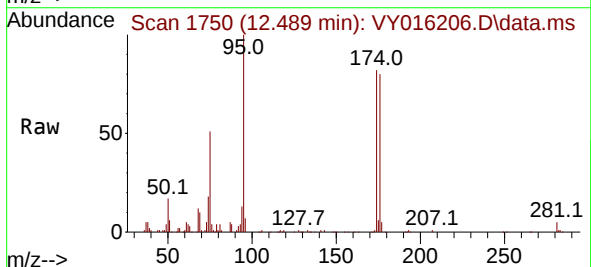
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ETGI-293RE

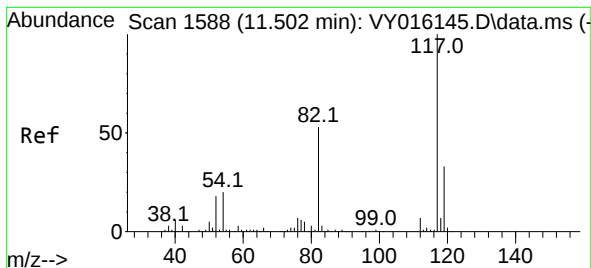
Tgt Ion: 98 Resp: 154307
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.444 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Tgt Ion: 95 Resp: 53253
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 84.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016206.D

Acq: 03 Nov 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-293RE

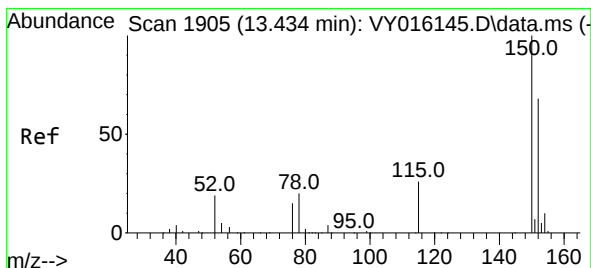
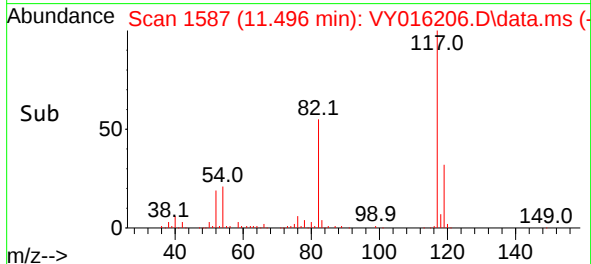
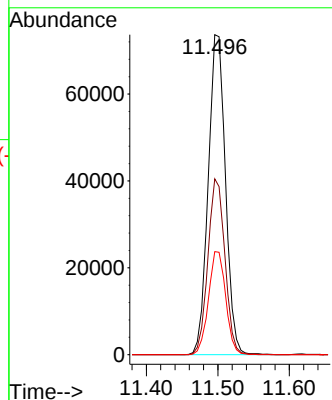
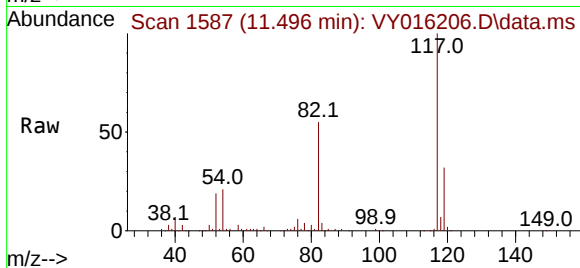
Tgt Ion:117 Resp: 123422

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016206.D

Acq: 03 Nov 2023 11:39

Tgt Ion:152 Resp: 56527

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 155.7 0.0 348.8

