

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016373.D
 Acq On : 15 Nov 2023 17:54
 Operator : SY/MD
 Sample : 05401-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-338

Quant Time: Nov 16 00:07:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	93880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	166671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	160027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57799	67.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.720%
35) Dibromofluoromethane	7.734	113	53180	56.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.340%
50) Toluene-d8	10.191	98	197262	51.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.489	95	65822	52.784	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.560%

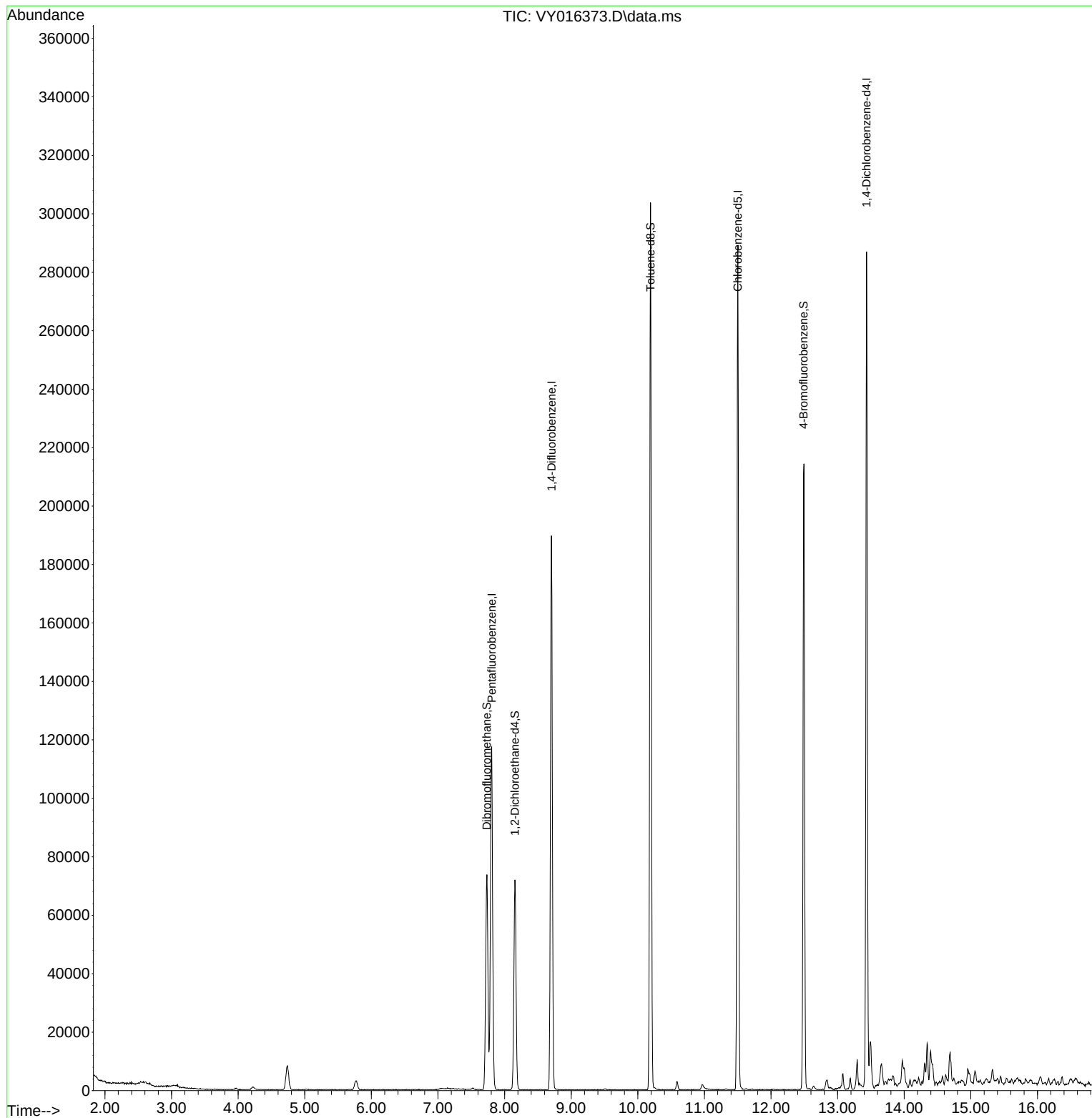
Target Compounds	Qvalue

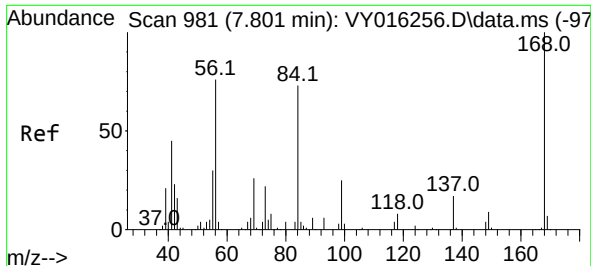
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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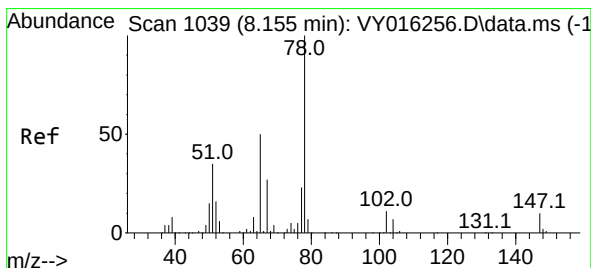
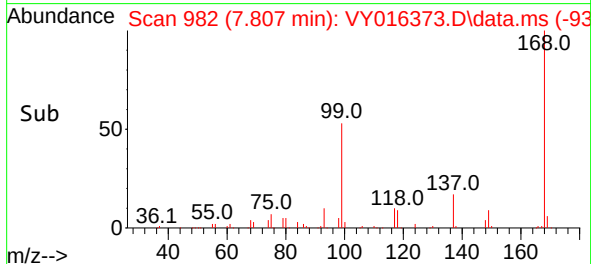
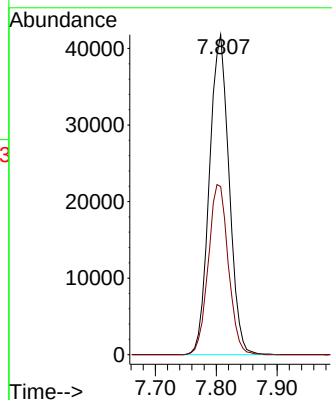
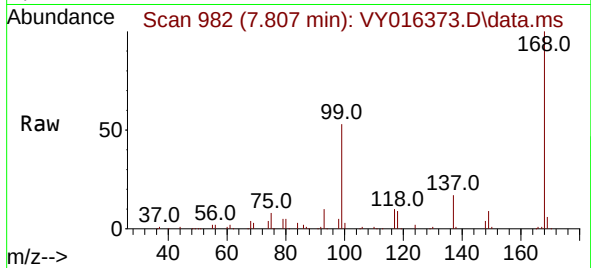




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016373.D
Acq: 15 Nov 2023 17:54

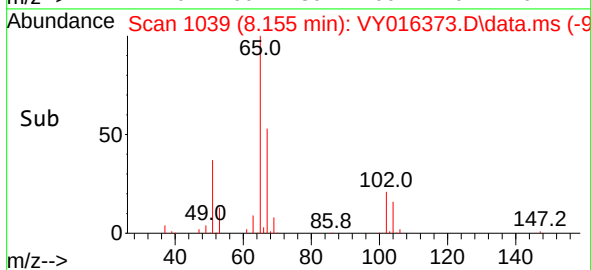
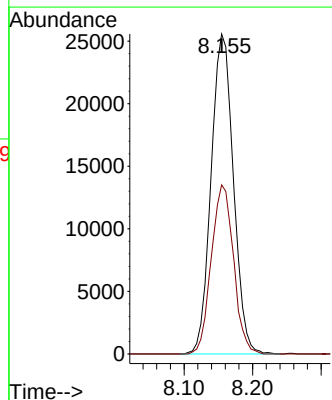
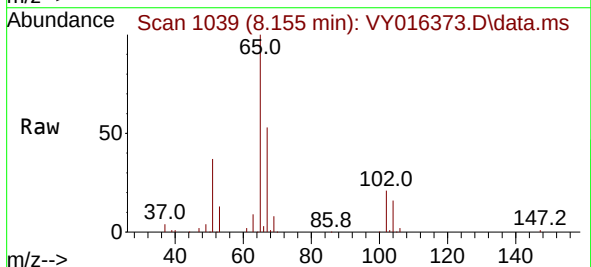
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-338

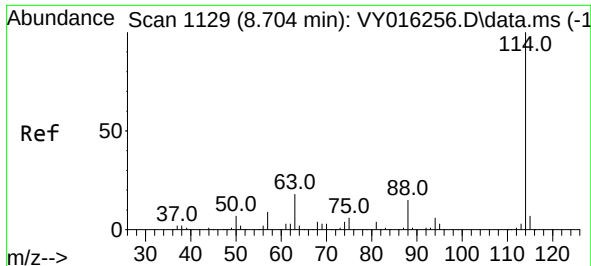
Tgt Ion:168 Resp: 93880
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 67.363 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016373.D
Acq: 15 Nov 2023 17:54

Tgt Ion: 65 Resp: 57799
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016373.D

Acq: 15 Nov 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-338

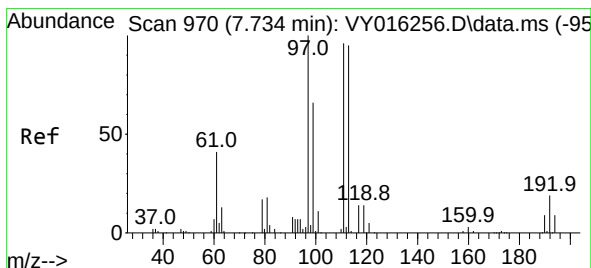
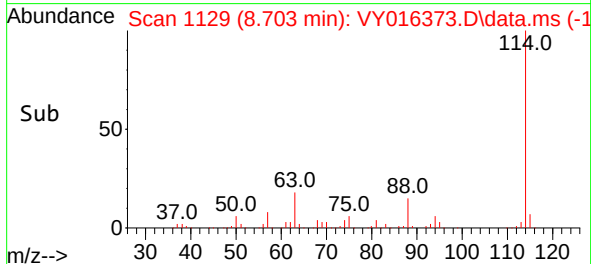
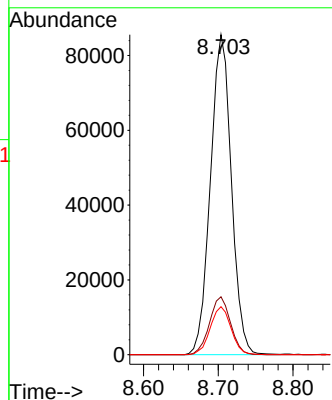
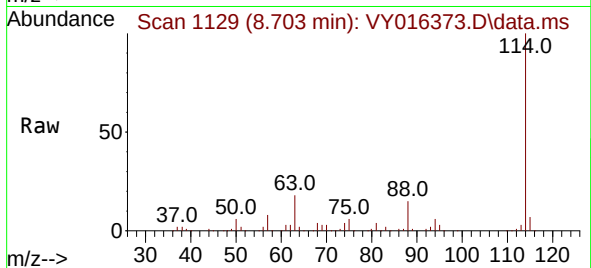
Tgt Ion:114 Resp: 166671

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.168 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016373.D

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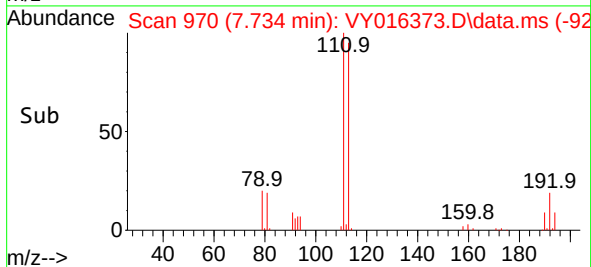
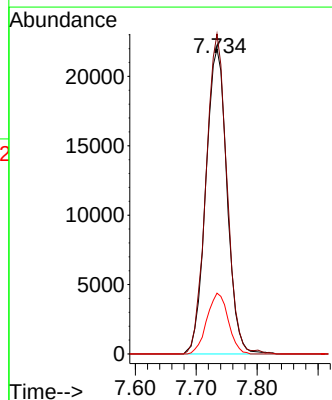
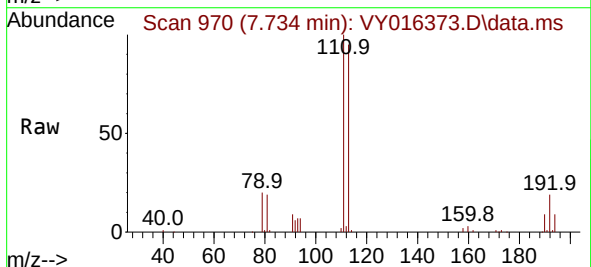
Tgt Ion:113 Resp: 53180

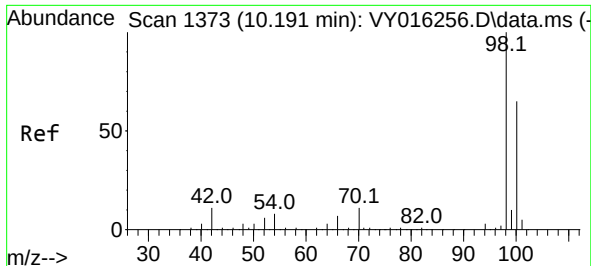
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.0 16.9 25.3

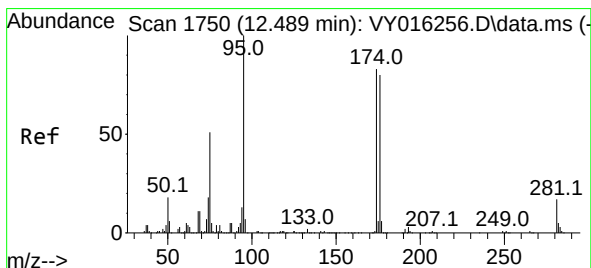
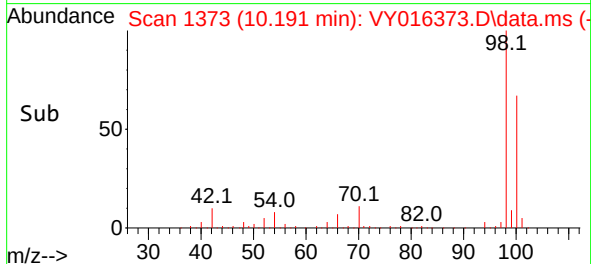
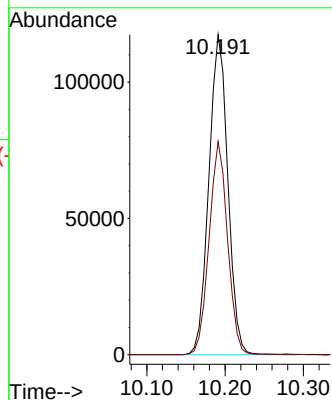
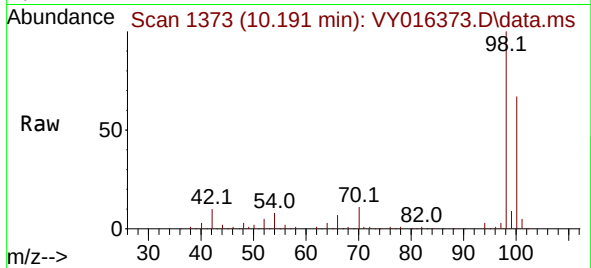




#50
Toluene-d8
Concen: 51.378 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016373.D
Acq: 15 Nov 2023 17:54

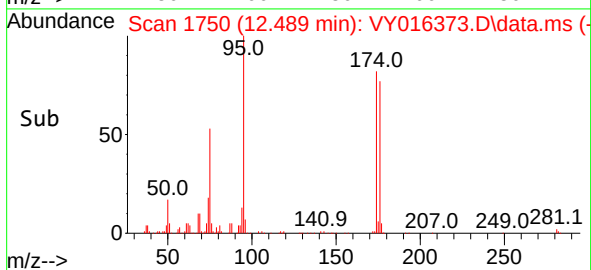
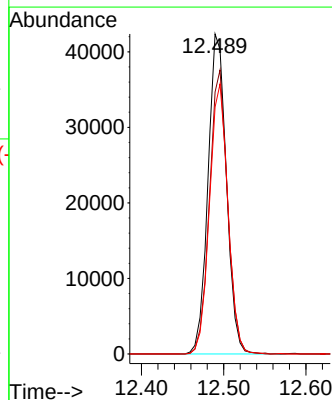
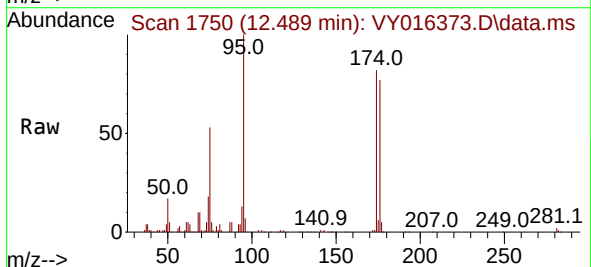
Instrument :
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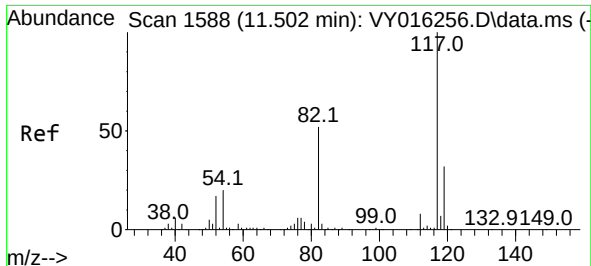
Tgt Ion: 98 Resp: 197262
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.784 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016373.D
Acq: 15 Nov 2023 17:54

Tgt Ion: 95 Resp: 65822
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.2
176 84.8 0.0 173.8

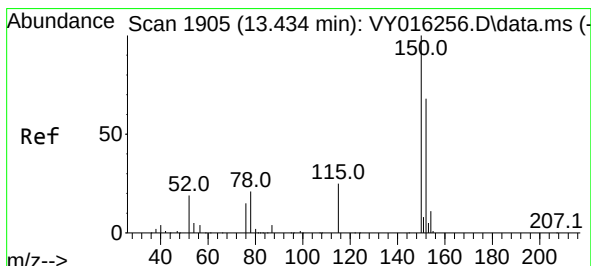
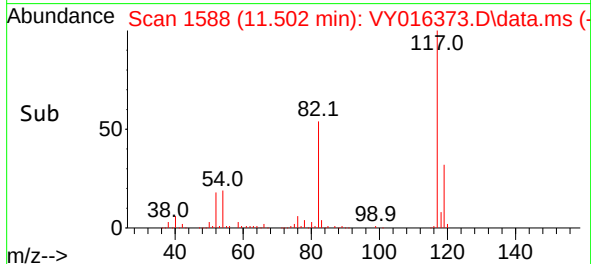
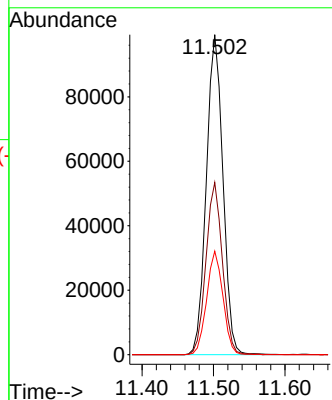
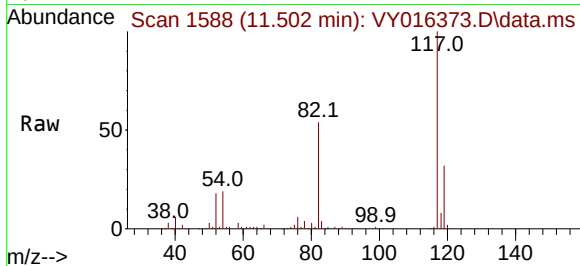




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016373.D
Acq: 15 Nov 2023 17:54

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-338

Tgt Ion:117 Resp: 160027
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 32.4 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: VY016373.D
Acq: 15 Nov 2023 17:54

Tgt Ion:152 Resp: 73789
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 158.0 0.0 348.8

