

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017904.D
 Acq On : 11 Apr 2024 12:26
 Operator : SY/MD
 Sample : P2067-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-346

Quant Time: Apr 12 04:58:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	6578	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	9761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2742	48.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.340%
35) Dibromofluoromethane	7.716	113	2502	44.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.185	98	10288	48.830	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.489	95	1403	21.887	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.780%

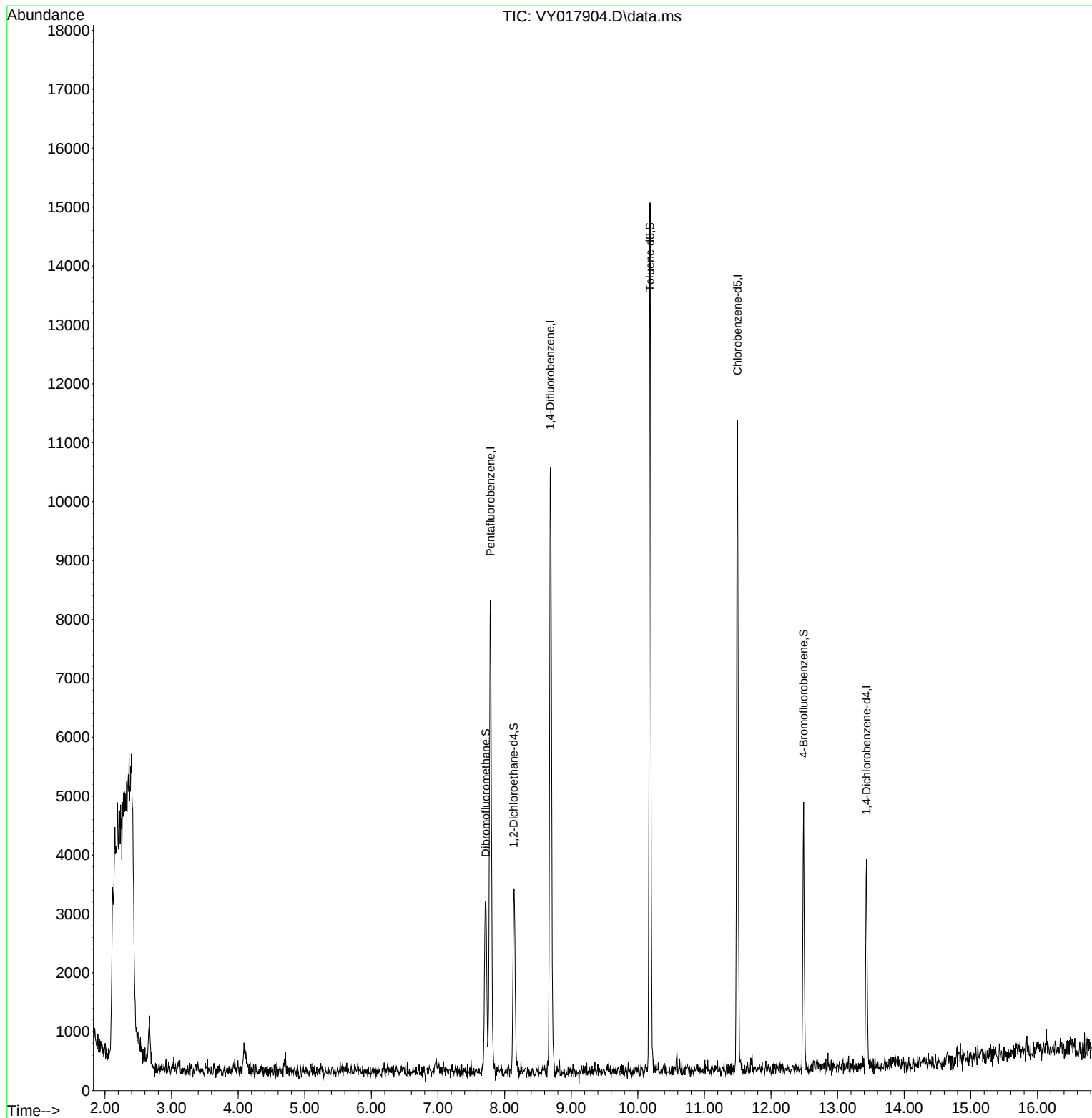
Target Compounds	Qvalue

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

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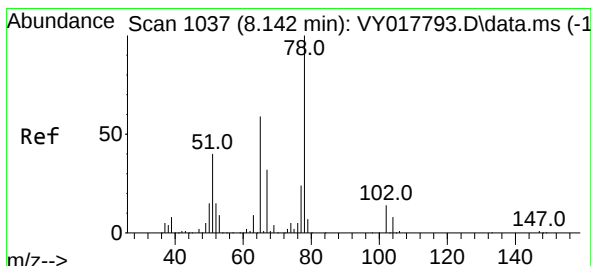
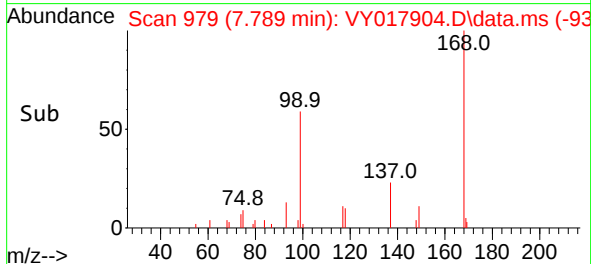
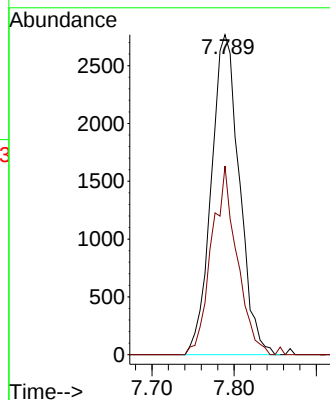
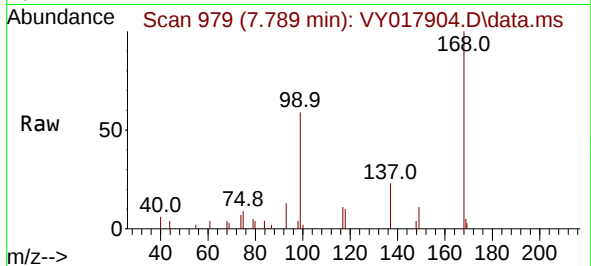




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017904.D
Acq: 11 Apr 2024 12:26

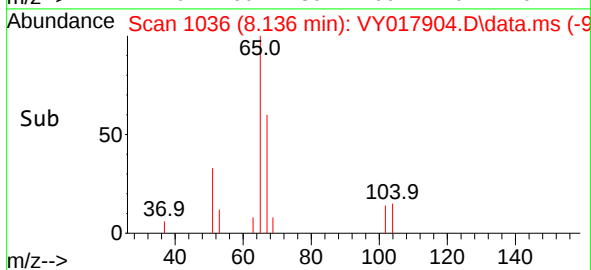
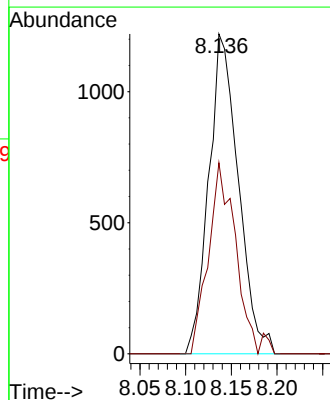
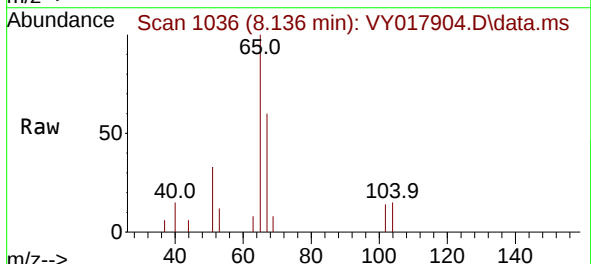
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346

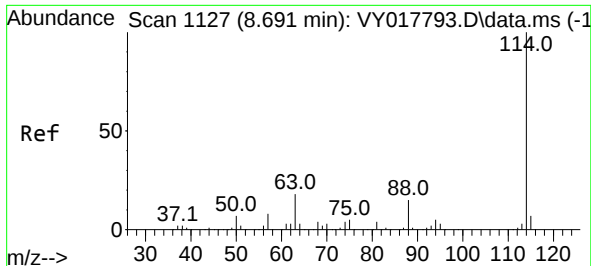
Tgt Ion:168 Resp: 6578
Ion Ratio Lower Upper
168 100
99 59.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 48.171 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017904.D
Acq: 11 Apr 2024 12:26

Tgt Ion: 65 Resp: 2742
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017904.D

Acq: 11 Apr 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-346

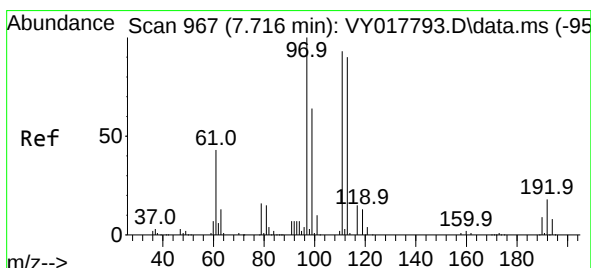
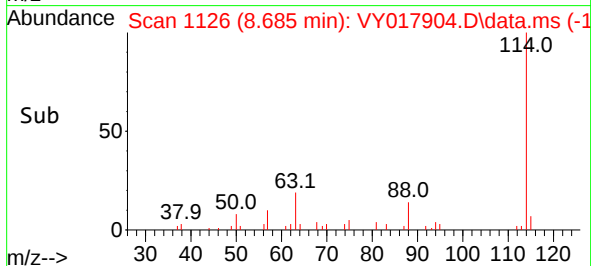
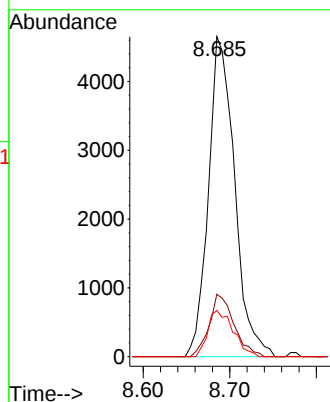
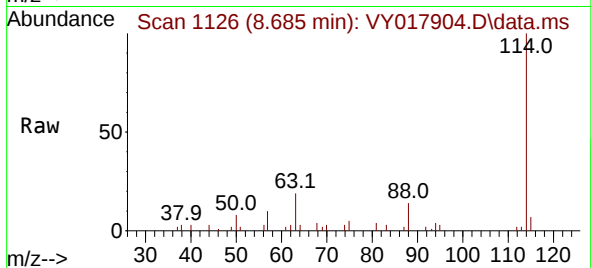
Tgt Ion:114 Resp: 9761

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.359 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017904.D

Acq: 11 Apr 2024 12:26

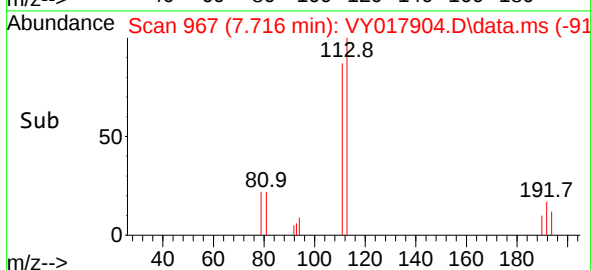
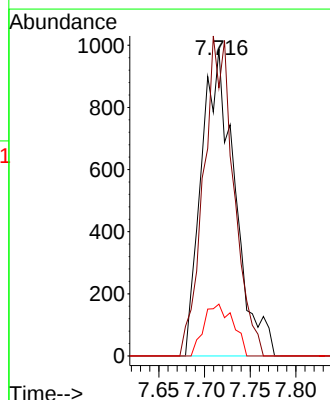
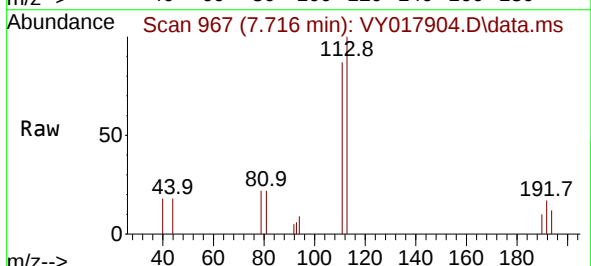
Tgt Ion:113 Resp: 2502

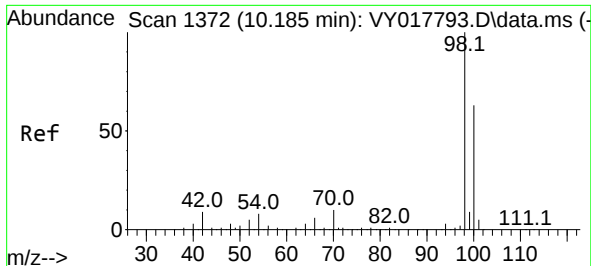
Ion Ratio Lower Upper

113 100

111 94.3 82.2 123.4

192 14.8 15.9 23.9#

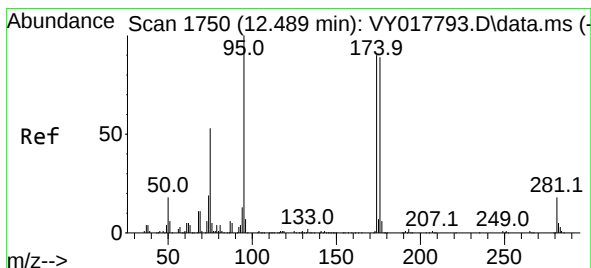
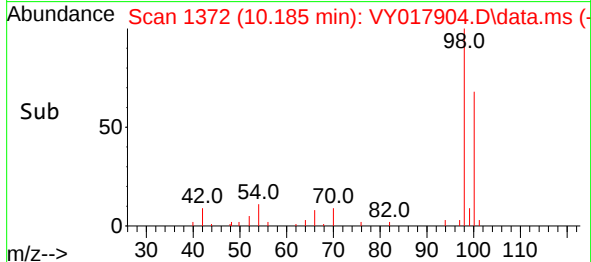
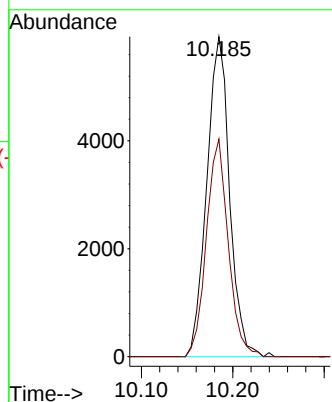
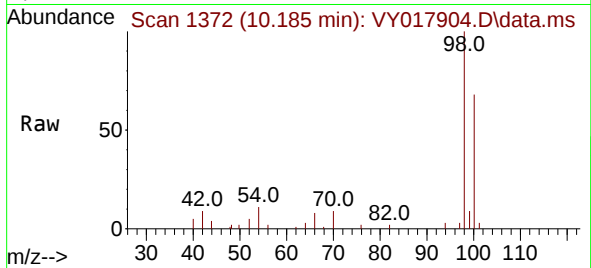




#50
Toluene-d8
Concen: 48.830 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017904.D
Acq: 11 Apr 2024 12:26

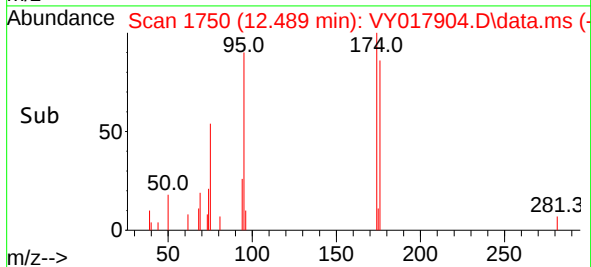
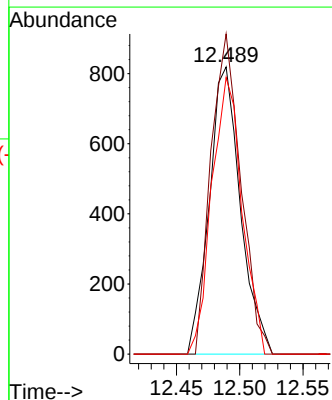
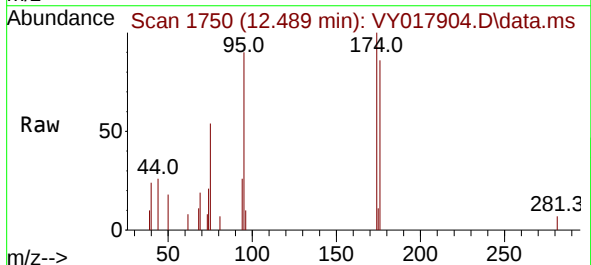
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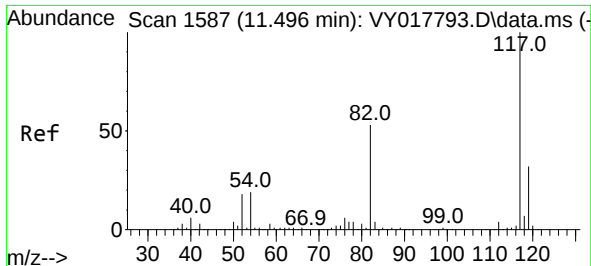
Tgt Ion: 98 Resp: 10288
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 21.887 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017904.D
Acq: 11 Apr 2024 12:26

Tgt Ion: 95 Resp: 1403
Ion Ratio Lower Upper
95 100
174 107.0 0.0 175.6
176 93.8 0.0 171.4

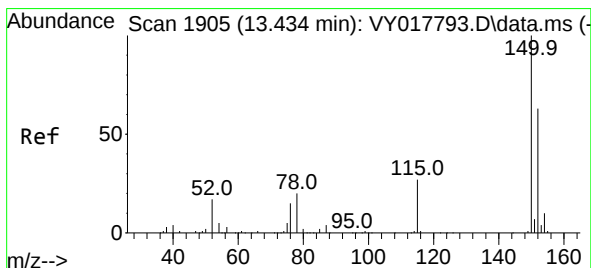
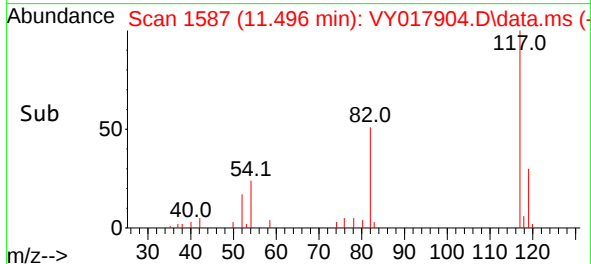
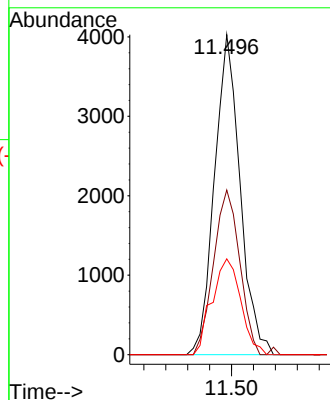
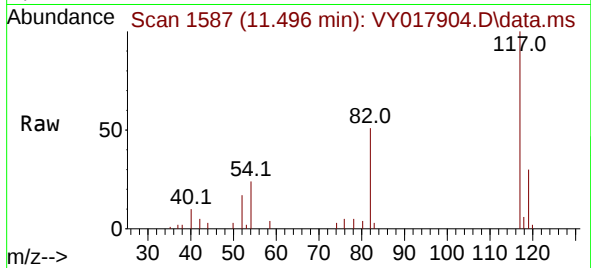




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017904.D
Acq: 11 Apr 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346

Tgt Ion:117 Resp: 6530
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 30.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017904.D
Acq: 11 Apr 2024 12:26

Tgt Ion:152 Resp: 1104
Ion Ratio Lower Upper
152 100
115 52.2 28.2 84.7
150 167.9 0.0 345.6

