

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013620.D
 Acq On : 05 May 2023 13:11
 Operator : KP/MD
 Sample : 02598-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-328RE

Quant Time: May 08 00:23:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	4305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7534	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4627	98.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 196.100%#	
35) Dibromofluoromethane	7.716	113	3037	69.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.960%	
50) Toluene-d8	10.179	98	8343	53.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.300%	
62) 4-Bromofluorobenzene	12.477	95	2484	47.383	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.760%	

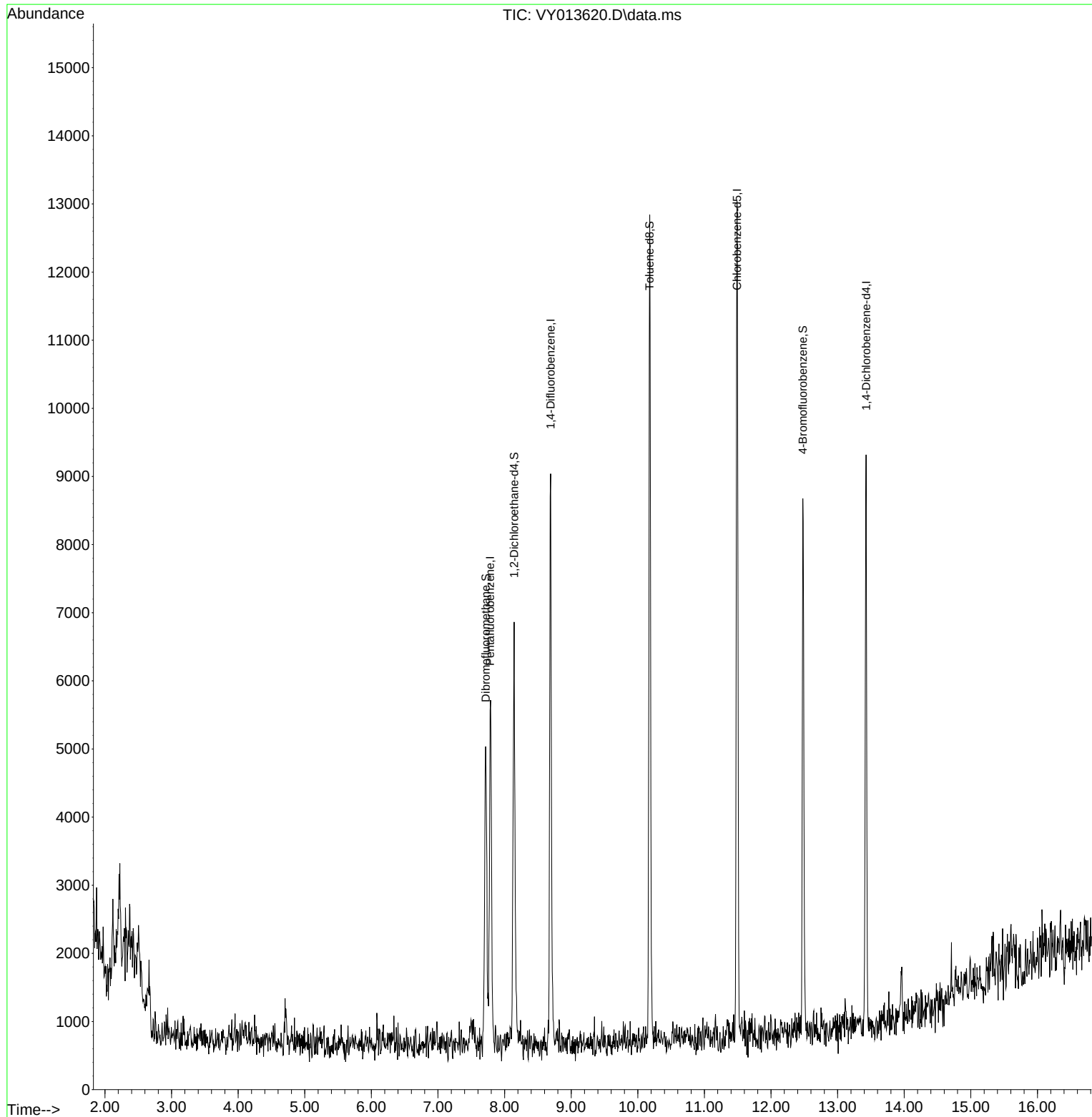
Target Compounds	Qvalue

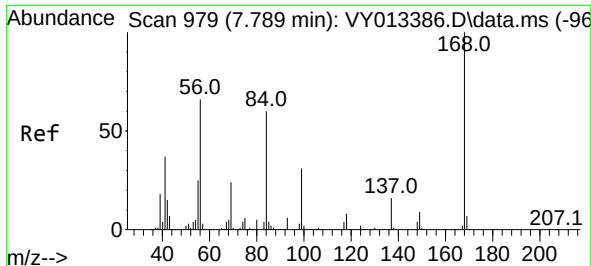
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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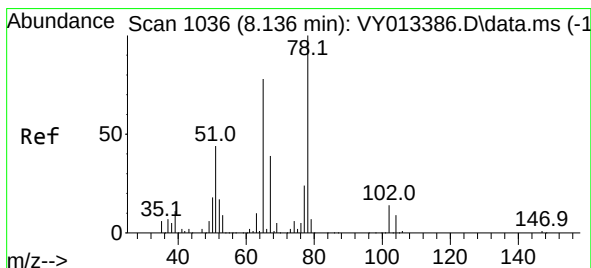
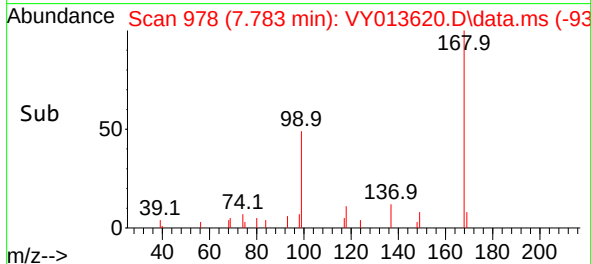
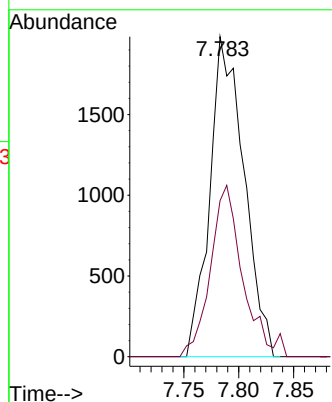
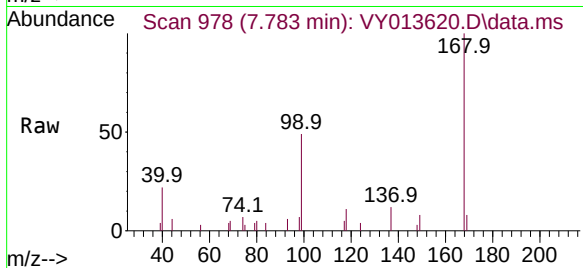




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013620.D
Acq: 05 May 2023 13:11

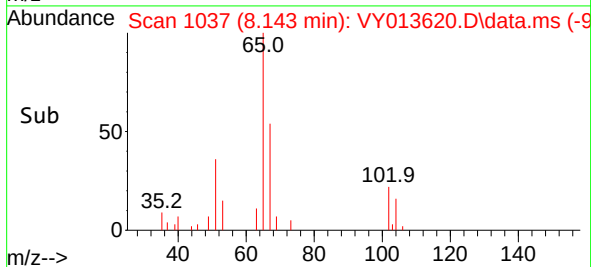
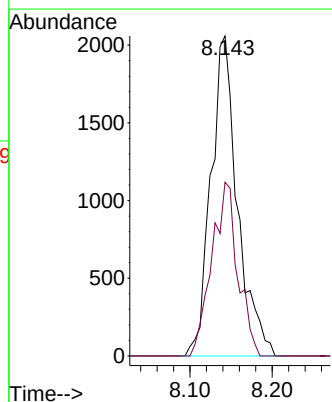
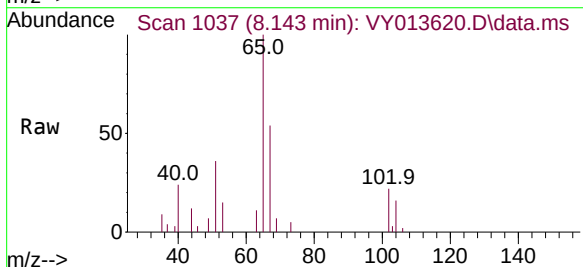
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328RE

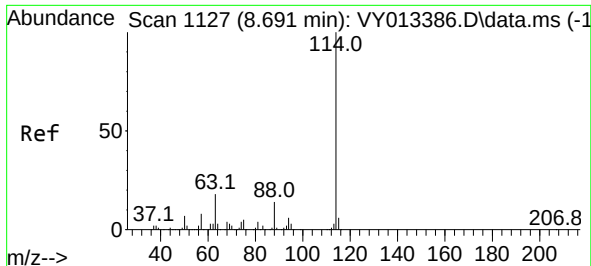
Tgt Ion:168 Resp: 4305
Ion Ratio Lower Upper
168 100
99 48.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 98.046 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013620.D
Acq: 05 May 2023 13:11

Tgt Ion: 65 Resp: 4627
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013620.D

Acq: 05 May 2023 13:11

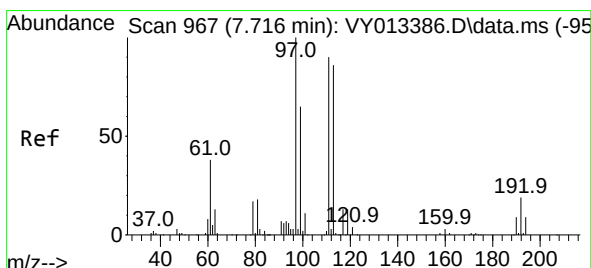
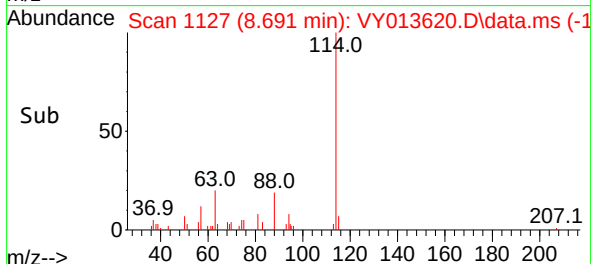
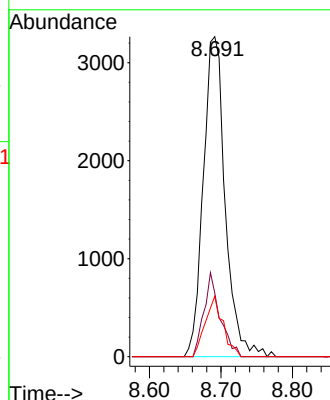
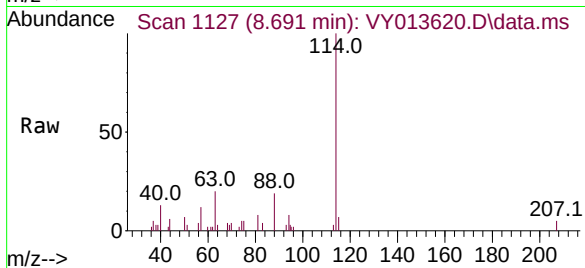
Instrument :

MSVOA_Y

ClientSampleId :

ETGI-328RE

Tgt Ion:114	Resp:	6950
Ion	Ratio	Lower Upper
114	100	
63	19.9	0.0 36.6
88	18.9	0.0 28.8



#35

Dibromofluoromethane

Concen: 69.477 ug/l

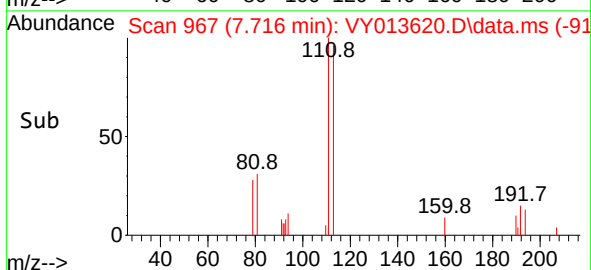
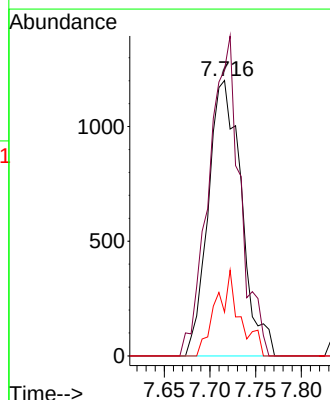
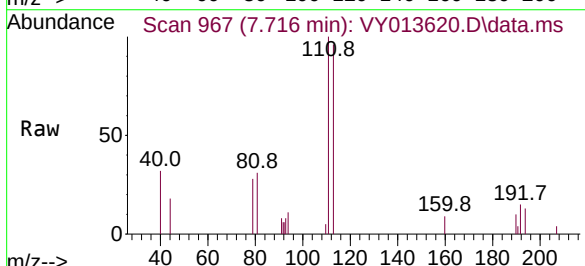
RT: 7.716 min Scan# 967

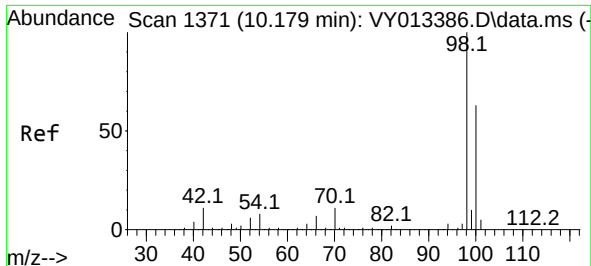
Delta R.T. -0.000 min

Lab File: VY013620.D

Acq: 05 May 2023 13:11

Tgt Ion:113	Resp:	3037
Ion	Ratio	Lower Upper
113	100	
111	108.9	82.2 123.2
192	22.3	16.7 25.1

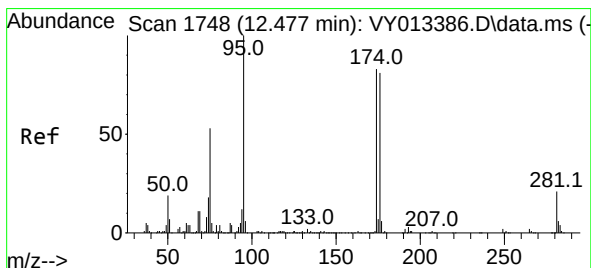
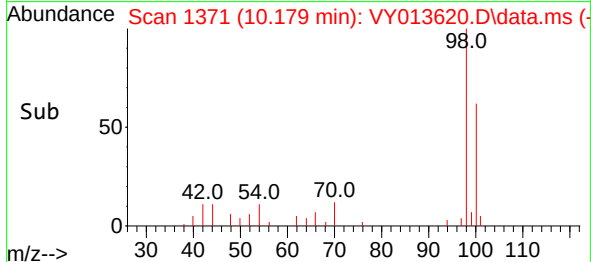
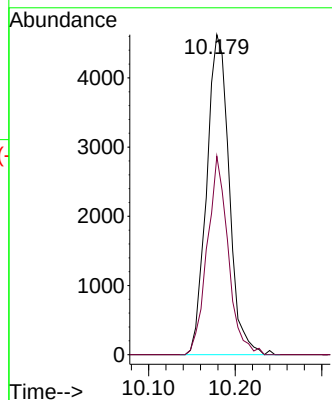
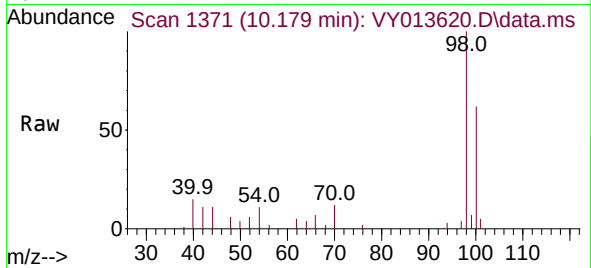




#50
Toluene-d8
Concen: 53.652 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013620.D
Acq: 05 May 2023 13:11

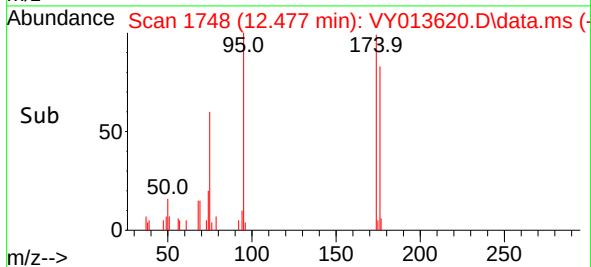
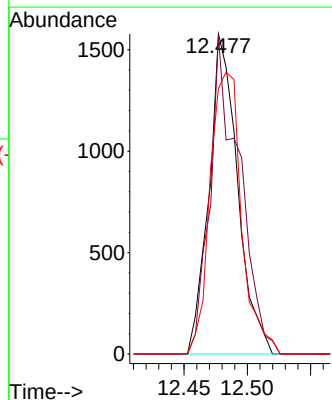
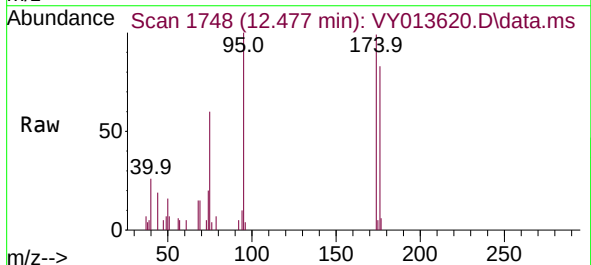
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328RE

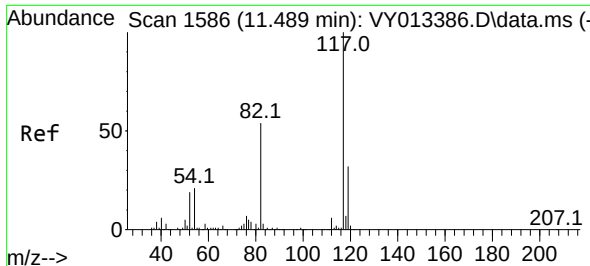
Tgt Ion: 98 Resp: 8343
Ion Ratio Lower Upper
98 100
100 57.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.383 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013620.D
Acq: 05 May 2023 13:11

Tgt Ion: 95 Resp: 2484
Ion Ratio Lower Upper
95 100
174 102.0 0.0 182.0
176 96.6 0.0 175.4

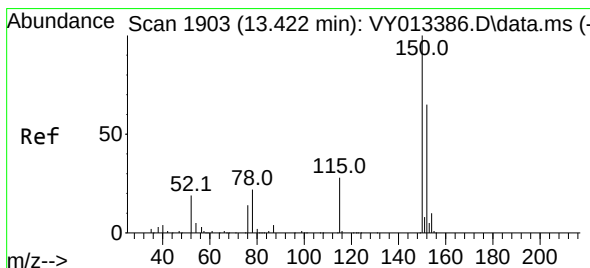
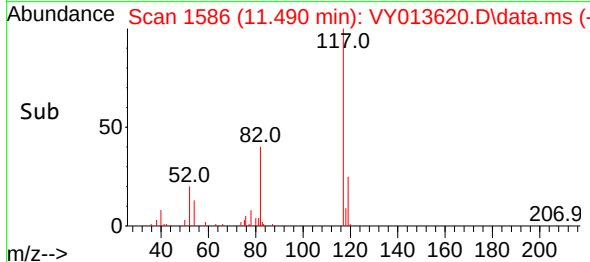
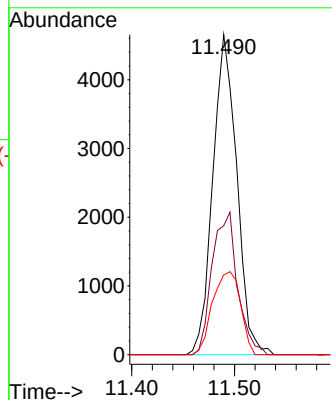
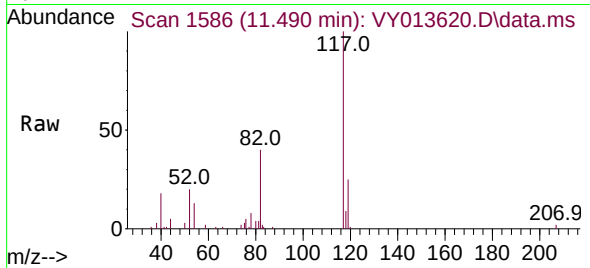




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013620.D
Acq: 05 May 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-328RE

Tgt Ion:117 Resp: 7534
Ion Ratio Lower Upper
117 100
82 40.3 43.0 64.6#
119 24.9 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013620.D
Acq: 05 May 2023 13:11

Tgt Ion:152 Resp: 2189
Ion Ratio Lower Upper
152 100
115 57.3 28.1 84.2
150 169.3 0.0 352.0

