

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015714.D
 Acq On : 26 Sep 2023 17:35
 Operator : SY/MD
 Sample : 04621-01
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-287

Quant Time: Sep 27 01:34:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

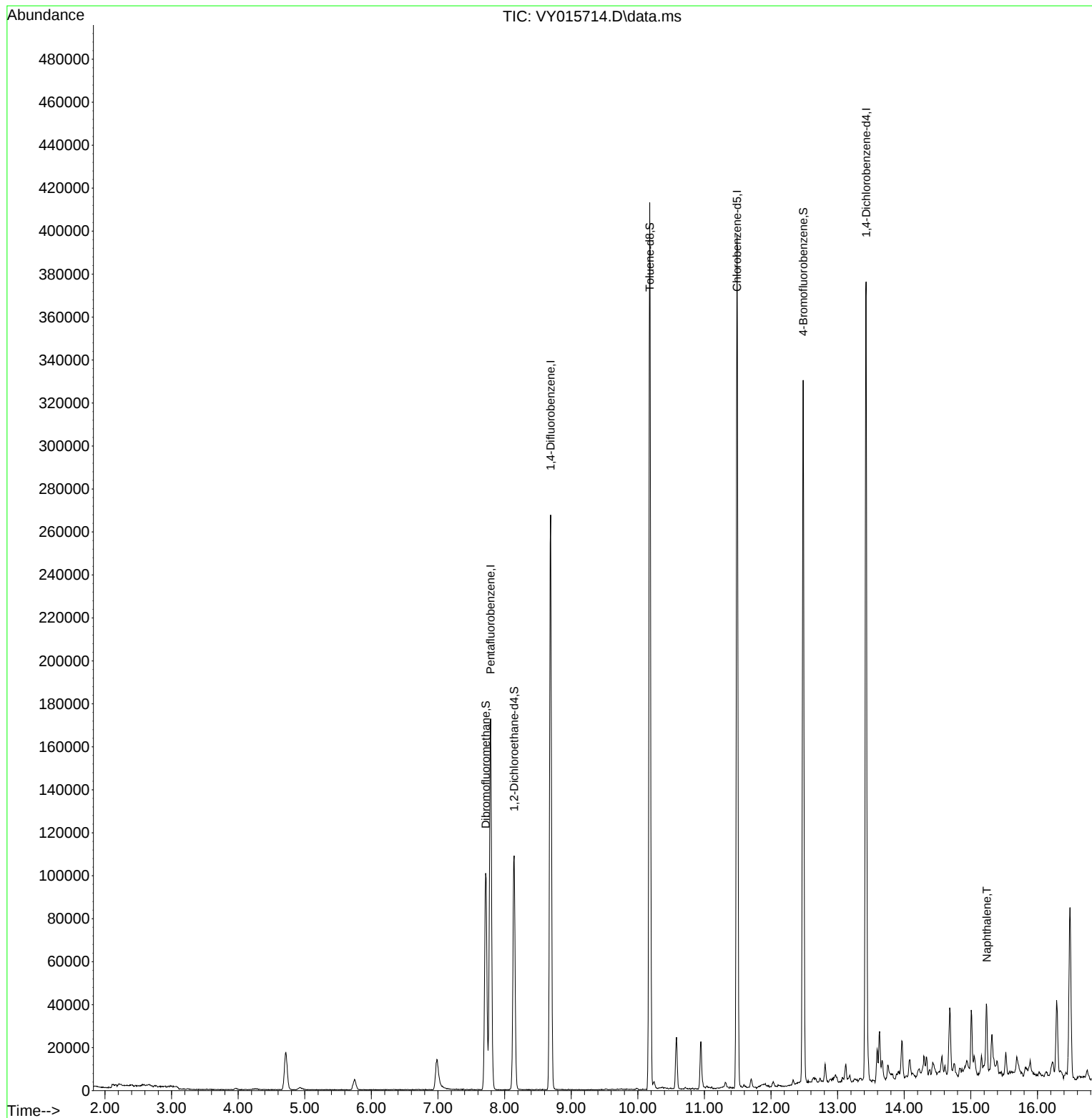
Internal Standards						
1) Pentafluorobenzene	7.789	168	133576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	86354	58.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.520%	
35) Dibromofluoromethane	7.716	113	73841	53.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.920%	
50) Toluene-d8	10.179	98	268607	57.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.780%	
62) 4-Bromofluorobenzene	12.483	95	94377	51.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.660%	
Target Compounds						
95) Naphthalene	15.239	128	14632	2.689	ug/l	Qvalue # 93

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

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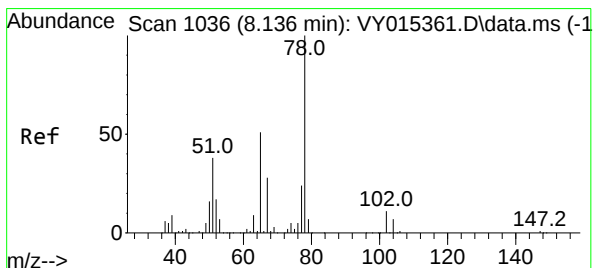
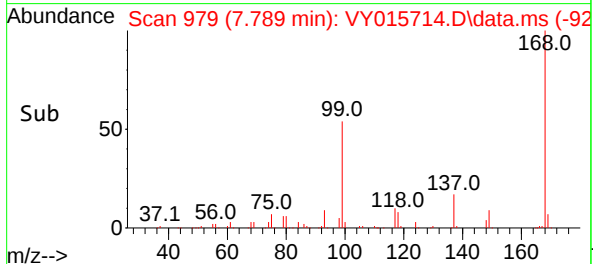
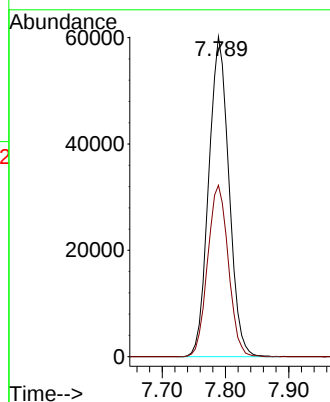
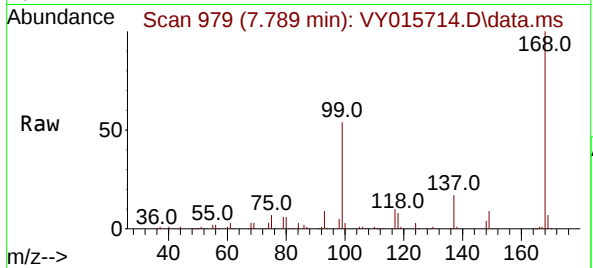




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

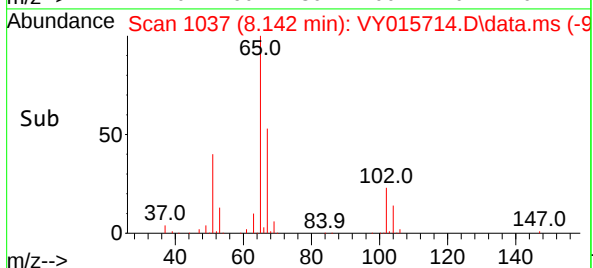
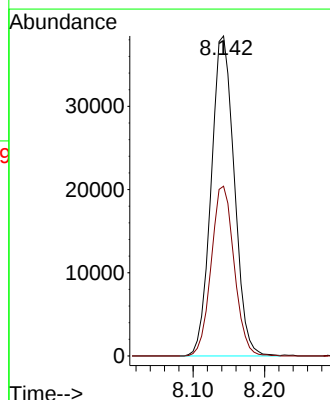
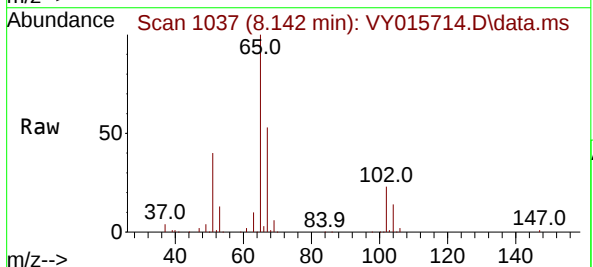
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-287

Tgt Ion:168 Resp: 133576
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.756 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

Tgt Ion: 65 Resp: 86354
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015714.D

Acq: 26 Sep 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-287

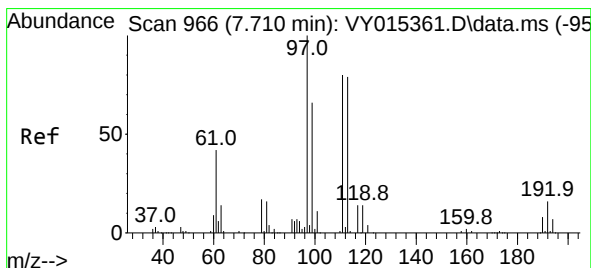
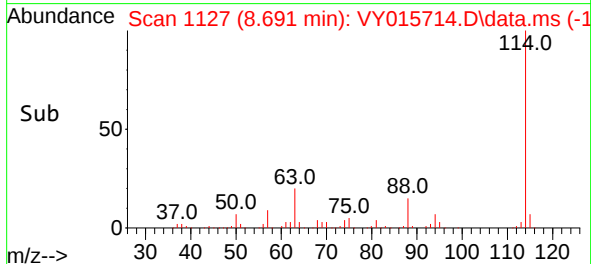
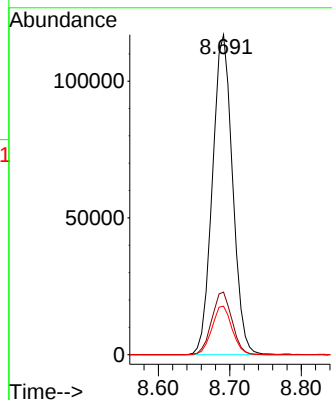
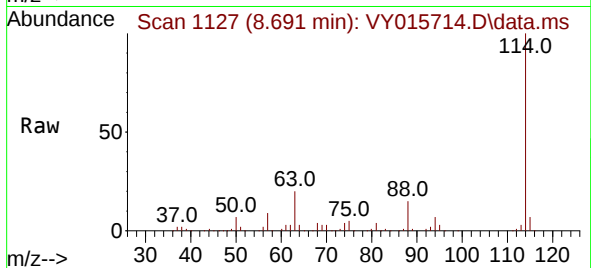
Tgt Ion:114 Resp: 228618

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.963 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015714.D

Acq: 26 Sep 2023 17:35

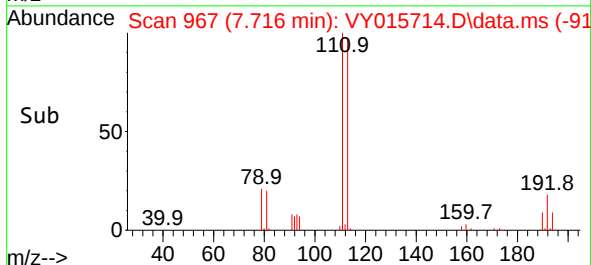
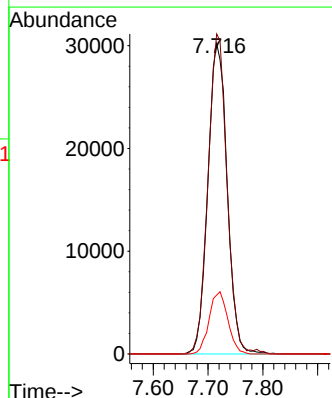
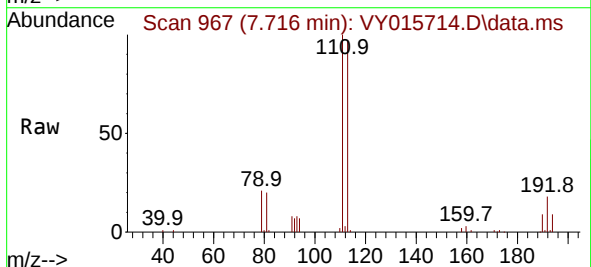
Tgt Ion:113 Resp: 73841

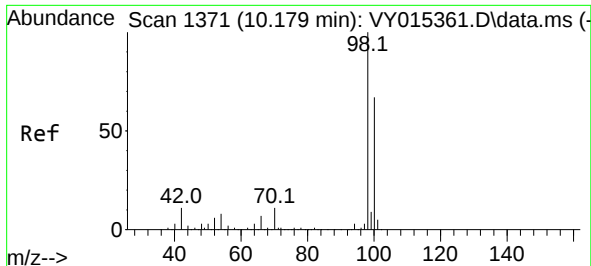
Ion Ratio Lower Upper

113 100

111 100.8 81.3 121.9

192 19.5 16.9 25.3

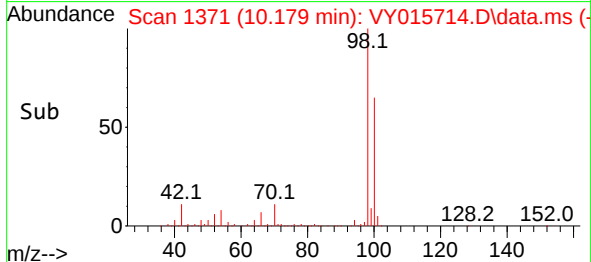
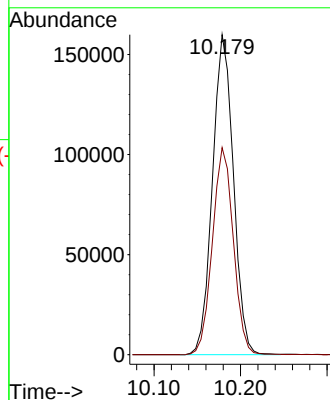
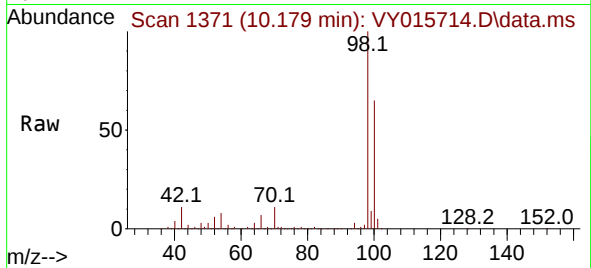




#50
Toluene-d8
Concen: 57.894 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

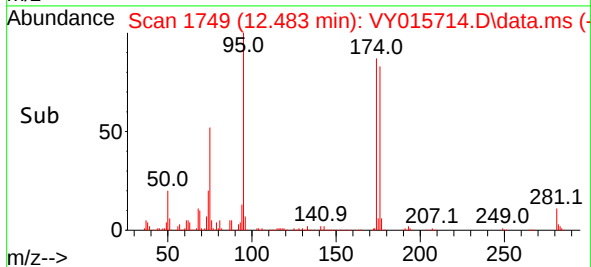
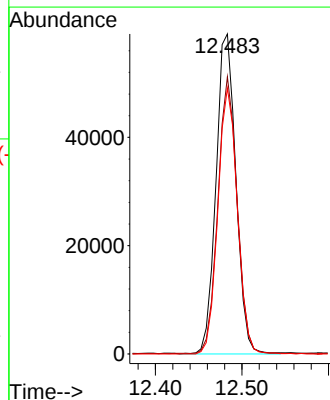
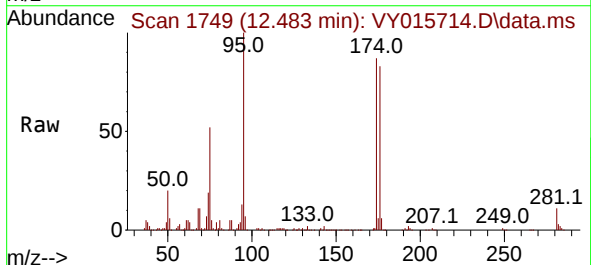
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-287

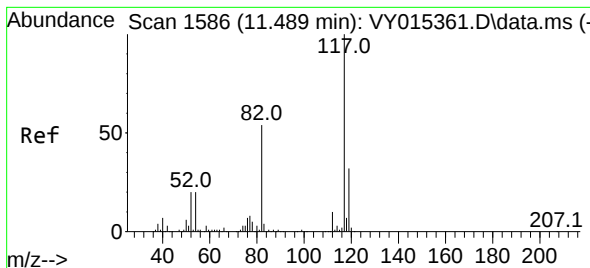
Tgt Ion: 98 Resp: 268607
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.834 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

Tgt Ion: 95 Resp: 94377
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015714.D

Acq: 26 Sep 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-287

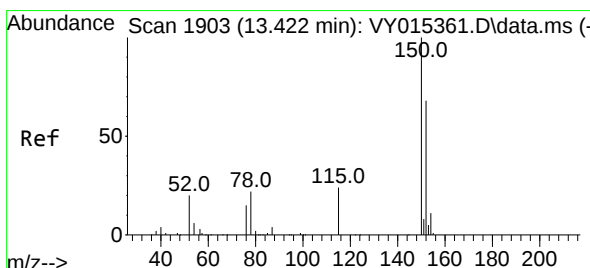
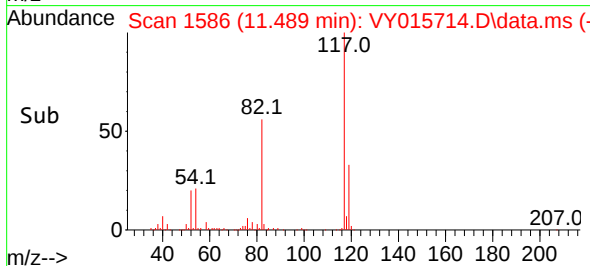
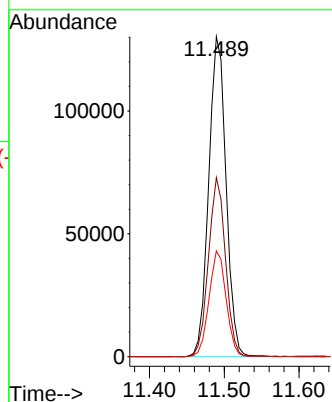
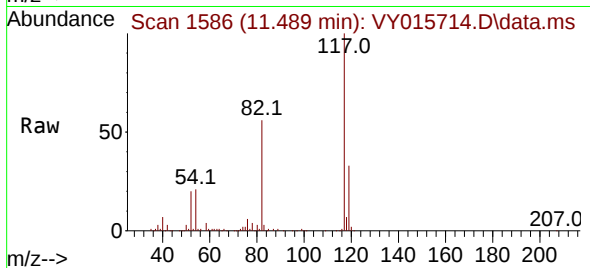
Tgt Ion:117 Resp: 210207

Ion Ratio Lower Upper

117 100

82 56.0 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015714.D

Acq: 26 Sep 2023 17:35

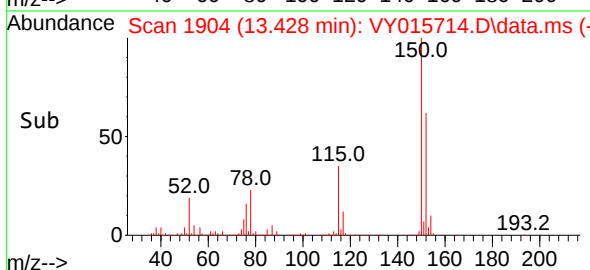
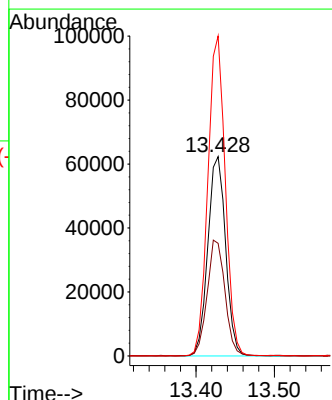
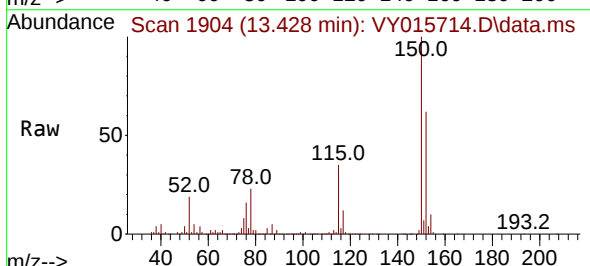
Tgt Ion:152 Resp: 98277

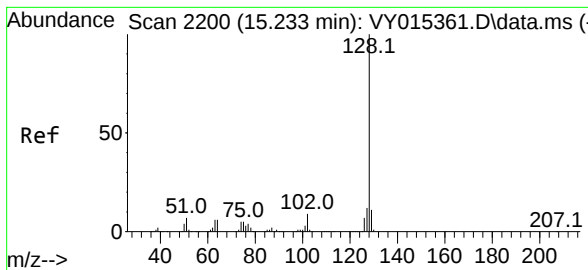
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

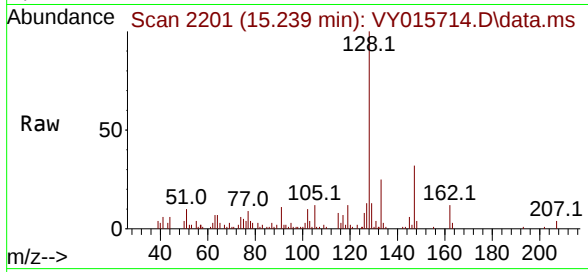
150 156.4 0.0 348.8





#95
Naphthalene
Concen: 2.689 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015714.D
Acq: 26 Sep 2023 17:35

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-287



Tgt Ion:	128	Resp:	14632
Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.8	16.2
129	14.8	8.6	13.0

