

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078394.D
 Acq On : 09 Feb 2024 19:20
 Operator : RP/MD
 Sample : P1449-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-362

Quant Time: Feb 09 23:04:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

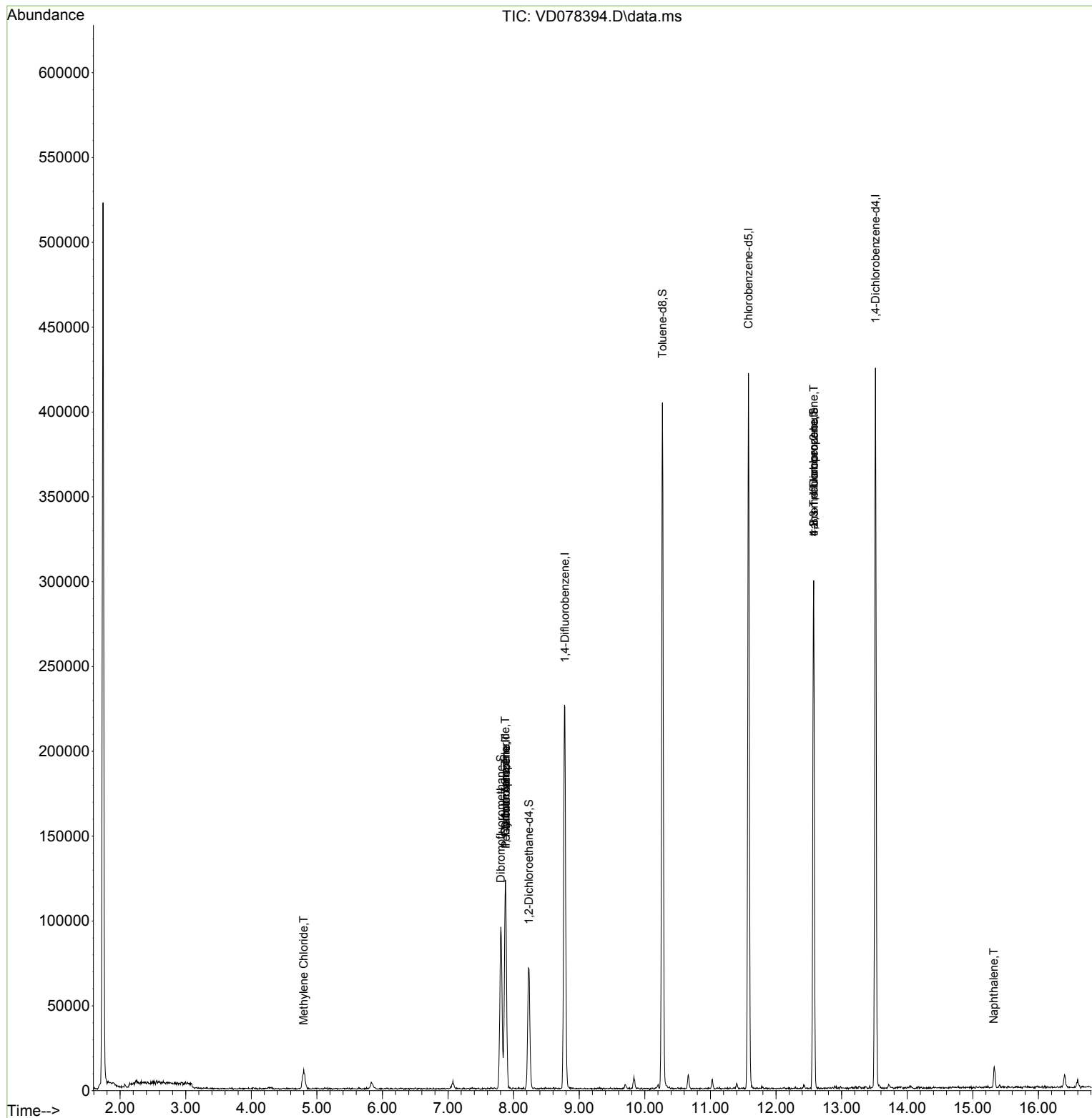
Internal Standards						
1) Pentafluorobenzene	7.881	168	90612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	205985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56350	50.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.480%	
35) Dibromofluoromethane	7.804	113	69774	47.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.160%	
50) Toluene-d8	10.269	98	273805	49.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	12.575	95	90961	54.707	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.420%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	565	Below Cal		90
20) Methylene Chloride	4.799	84	8326	3.487	ug/l	96
31) Cyclohexane	7.875	56	2363	1.125	ug/l #	56
36) 1,1-Dichloropropene	7.881	75	8335	3.428	ug/l #	46
38) Carbon Tetrachloride	7.875	117	9927	4.152	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	49172	44.590	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	49172	88.681	ug/l #	17
95) Naphthalene	15.322	128	11016	2.736	ug/l #	81

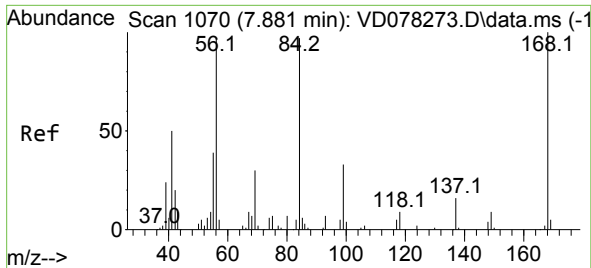
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD078394\
Data File : VD078394.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration

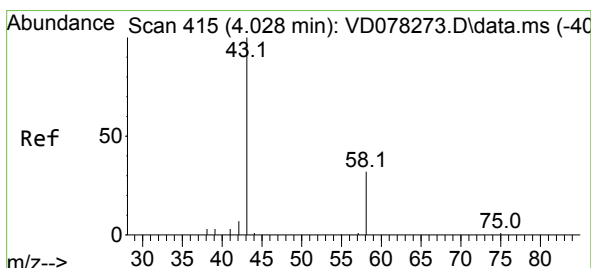
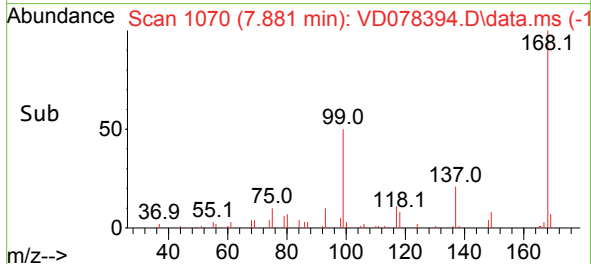
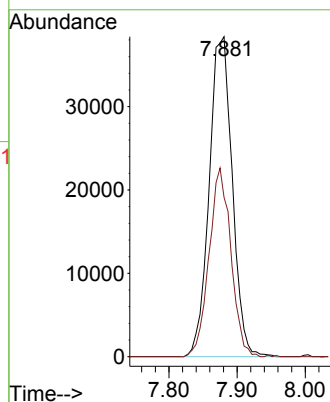
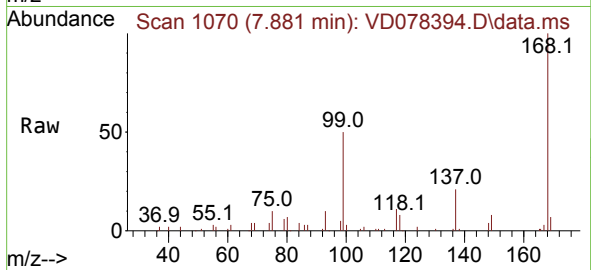




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

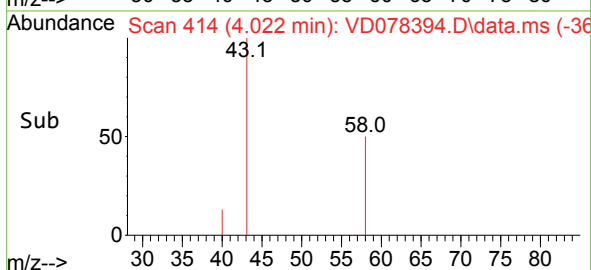
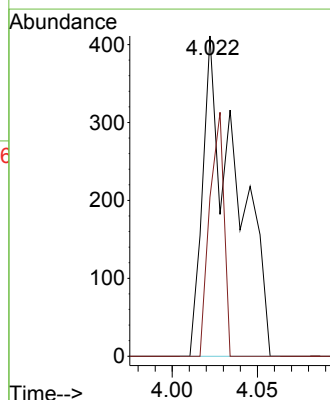
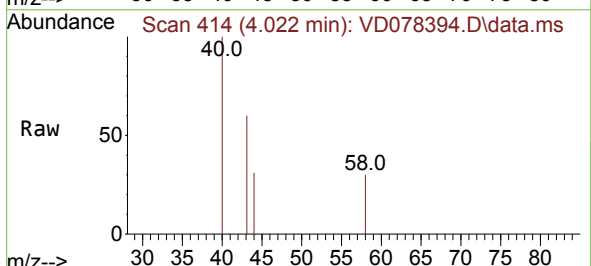
Instrument :
MSVOA_D
ClientSampleId :
ETGI-362

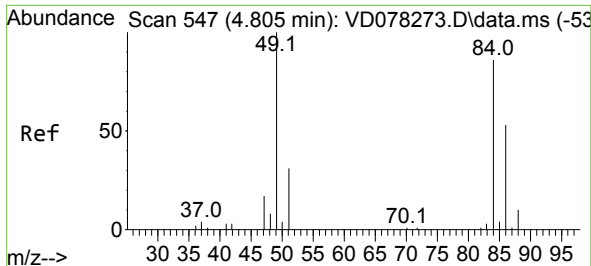
Tgt Ion:168 Resp: 90612
Ion Ratio Lower Upper
168 100
99 49.8 36.7 55.1



#16
Acetone
Concen: Below Cal
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 49.6 34.7 52.1





#20

Methylene Chloride

Concen: 3.487 ug/l

RT: 4.799 min Scan# 54

Delta R.T. -0.006 min

Lab File: VD078394.D

Acq: 09 Feb 2024 19:20

Instrument :

MSVOA_D

ClientSampleId :

ETGI-362

Tgt Ion: 84 Resp: 8326

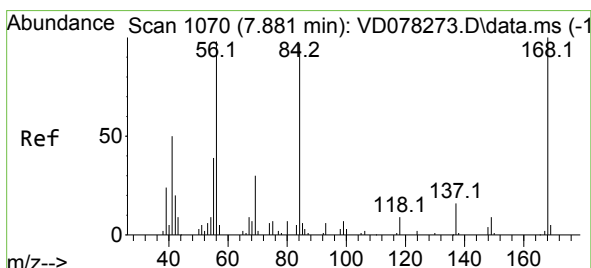
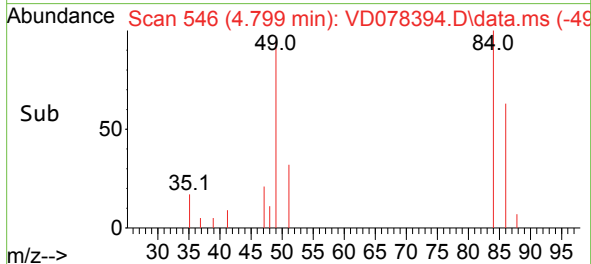
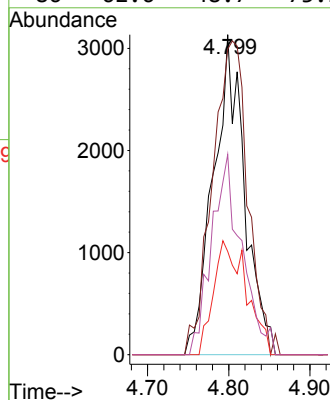
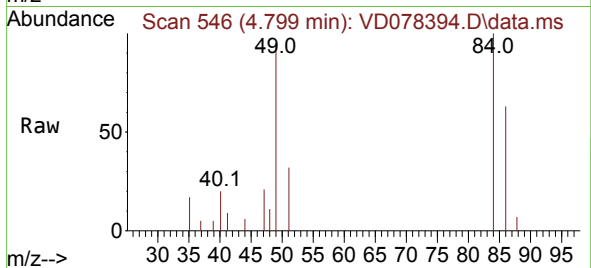
Ion Ratio Lower Upper

84 100

49 95.5 71.4 107.2

51 32.2 24.5 36.7

86 62.6 48.7 73.1



#31

Cyclohexane

Concen: 1.125 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078394.D

Acq: 09 Feb 2024 19:20

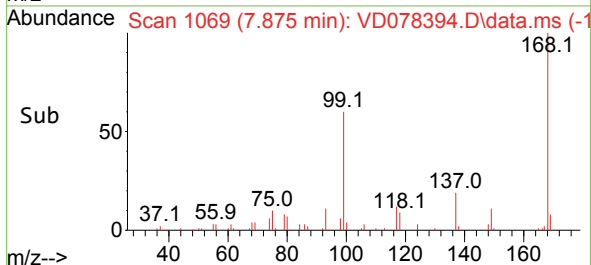
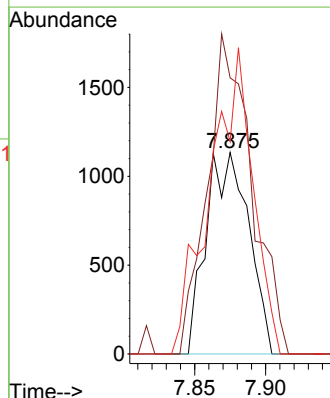
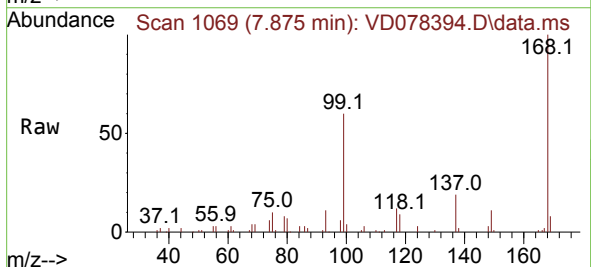
Tgt Ion: 56 Resp: 2363

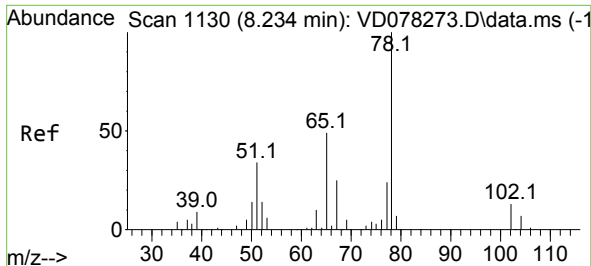
Ion Ratio Lower Upper

56 100

69 137.0 28.6 43.0#

84 105.5 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 50.235 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078394.D

Acq: 09 Feb 2024 19:20

Instrument :

MSVOA_D

ClientSampleId :

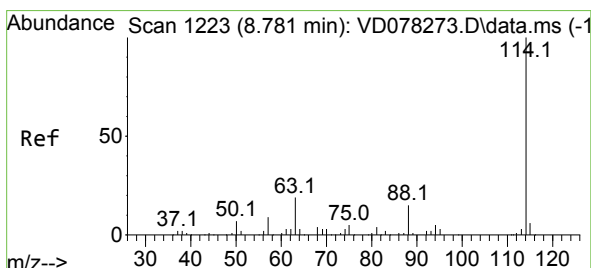
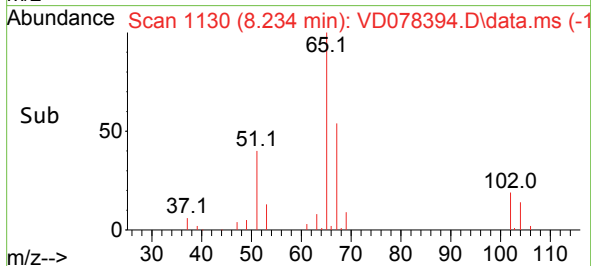
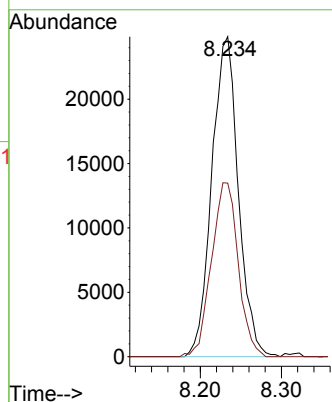
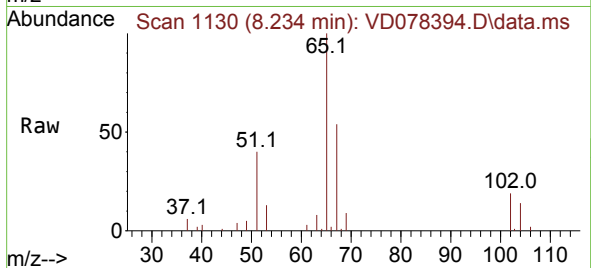
ETGI-362

Tgt Ion: 65 Resp: 56350

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078394.D

Acq: 09 Feb 2024 19:20

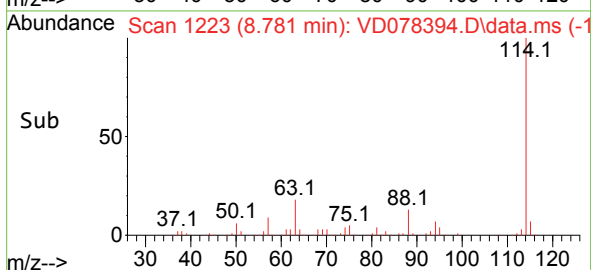
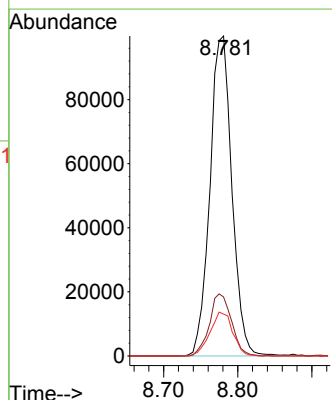
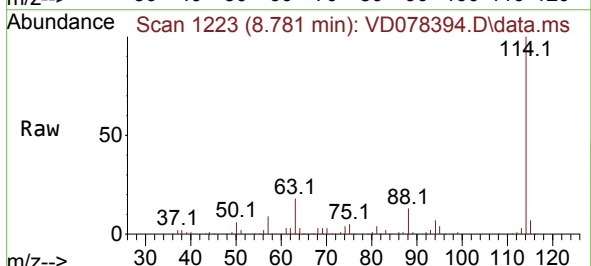
Tgt Ion:114 Resp: 205985

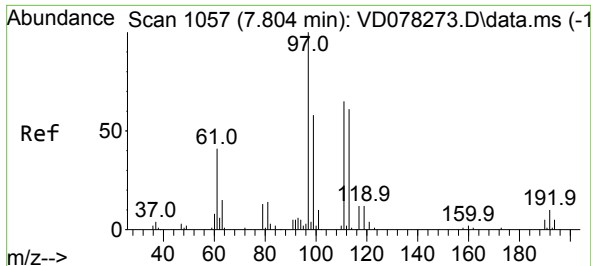
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 13.1 0.0 26.2

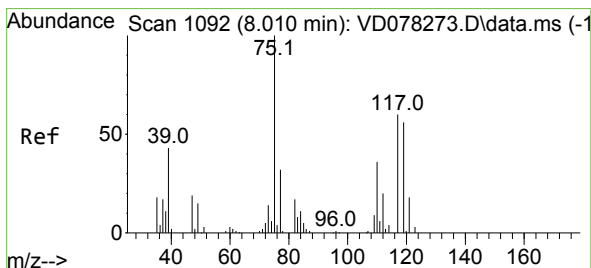
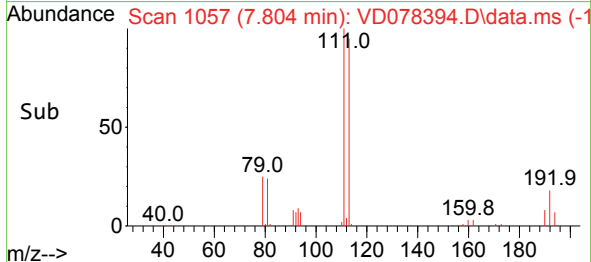
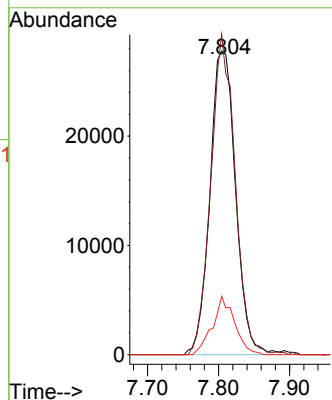
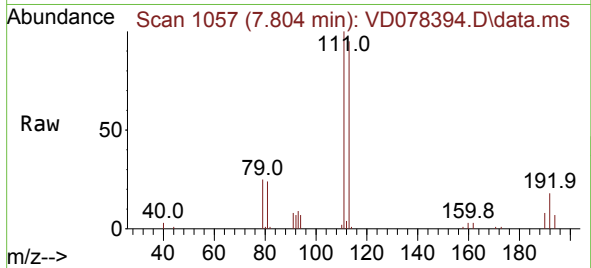




#35
Dibromofluoromethane
Concen: 47.580 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

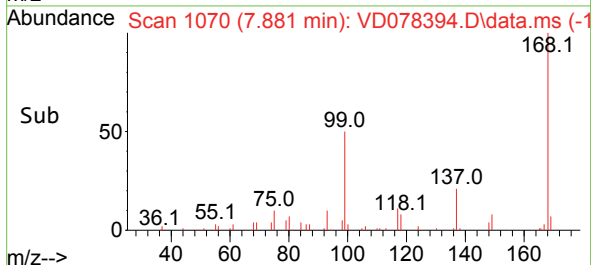
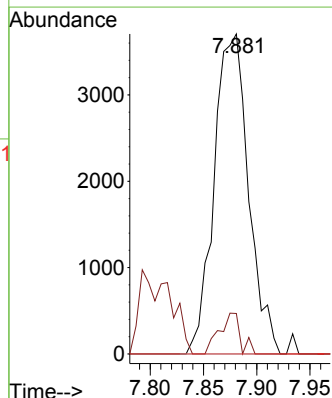
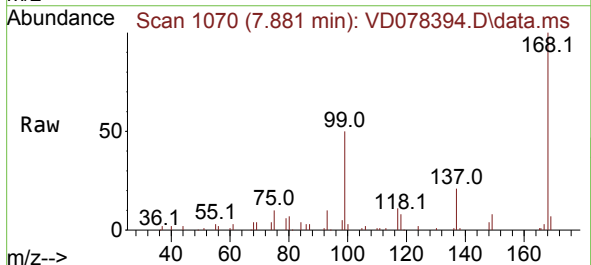
Instrument :
MSVOA_D
ClientSampleId :
ETGI-362

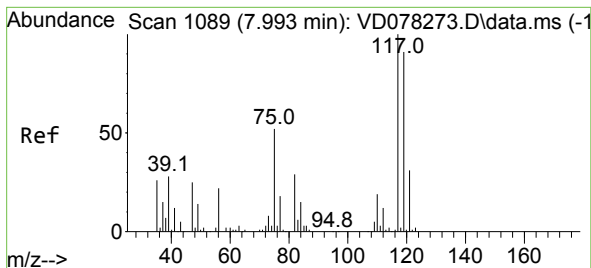
Tgt Ion:113 Resp: 69774
Ion Ratio Lower Upper
113 100
111 99.7 84.7 127.1
192 16.6 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 3.428 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

Tgt Ion: 75 Resp: 8335
Ion Ratio Lower Upper
75 100
110 7.8 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.152 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078394.D

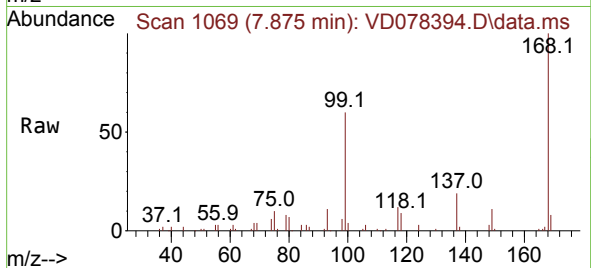
Acq: 09 Feb 2024 19:20

Instrument :

MSVOA_D

ClientSampleId :

ETGI-362



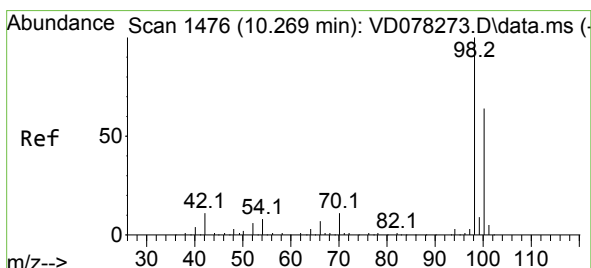
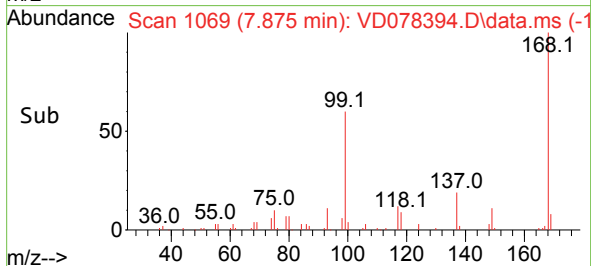
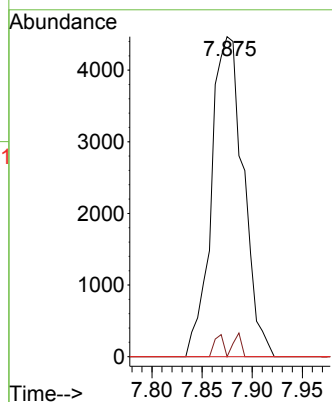
Tgt Ion:117 Resp: 9927

Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.316 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078394.D

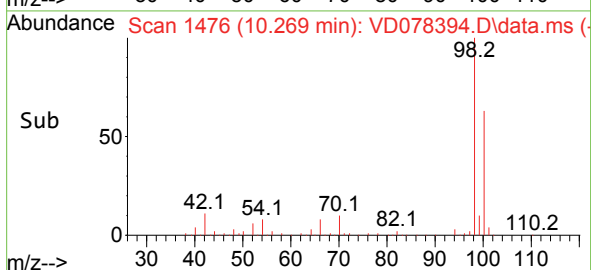
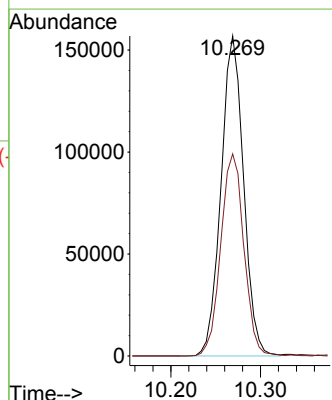
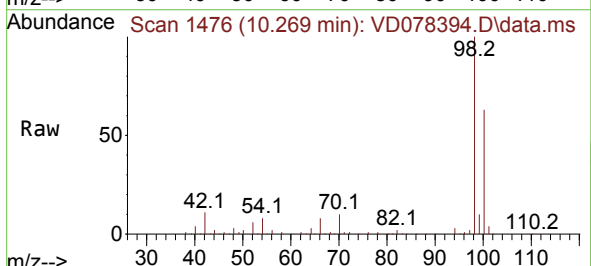
Acq: 09 Feb 2024 19:20

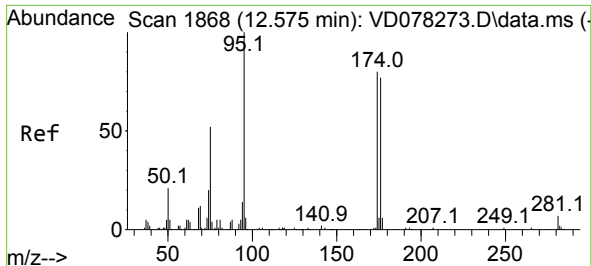
Tgt Ion: 98 Resp: 273805

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

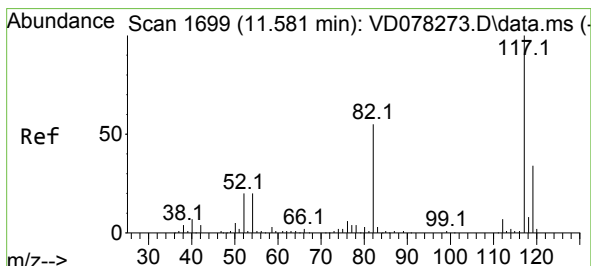
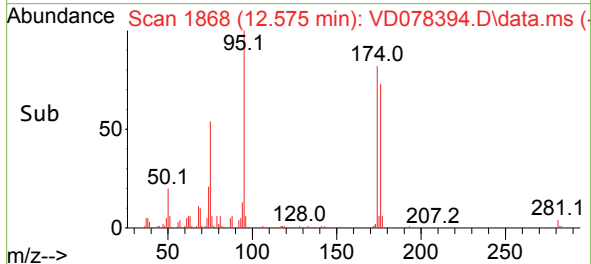
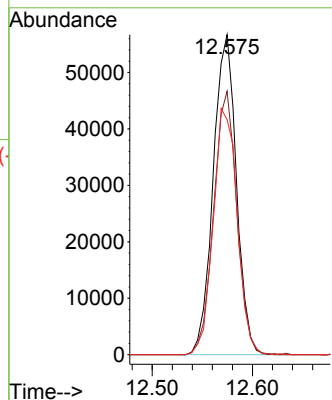
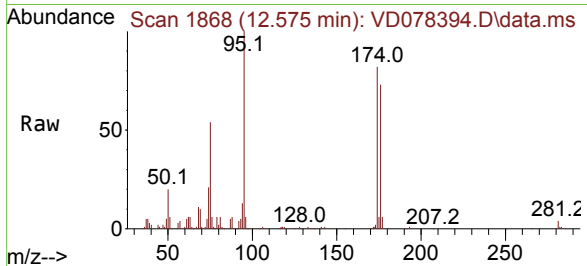




#62
4-Bromofluorobenzene
Concen: 54.707 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

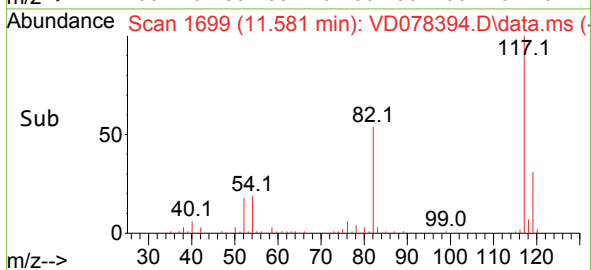
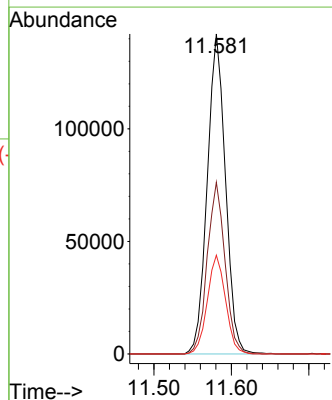
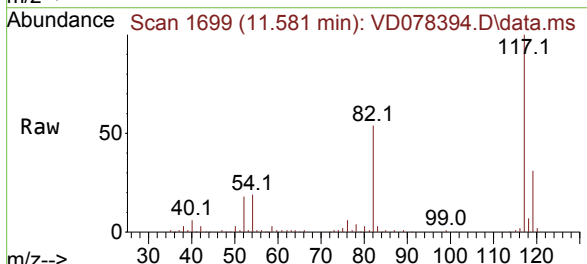
Instrument :
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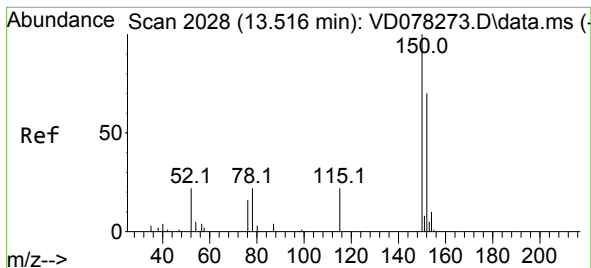
Tgt Ion:	95	Resp:	90961
Ion Ratio	Lower	Upper	
95	100		
174	82.2	0.0	201.8
176	79.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

Tgt Ion:	117	Resp:	231973
Ion Ratio	Lower	Upper	
117	100		
82	53.6	38.3	57.5
119	30.8	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD078394.D

Acq: 09 Feb 2024 19:20

Instrument :

MSVOA_D

ClientSampleId :

ETGI-362

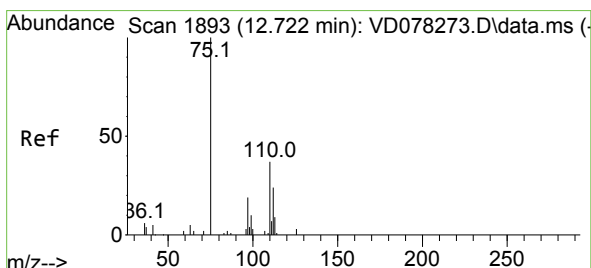
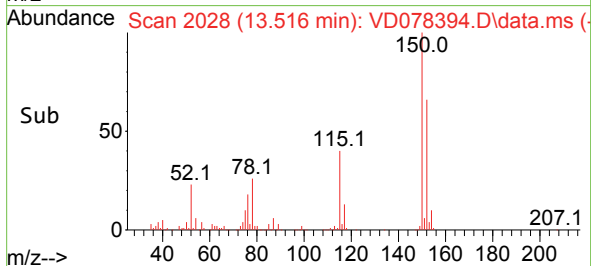
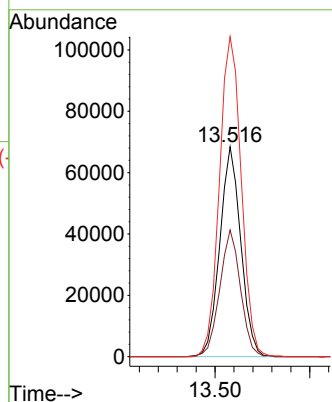
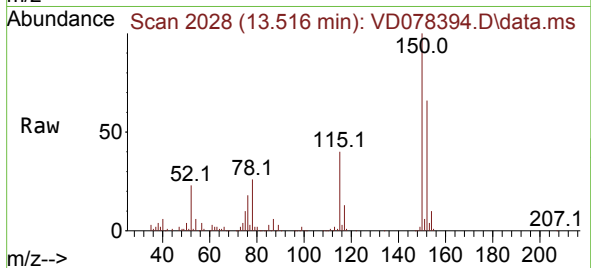
Tgt Ion:152 Resp: 105508

Ion Ratio Lower Upper

152 100

115 59.6 27.1 81.3

150 158.4 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 44.590 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078394.D

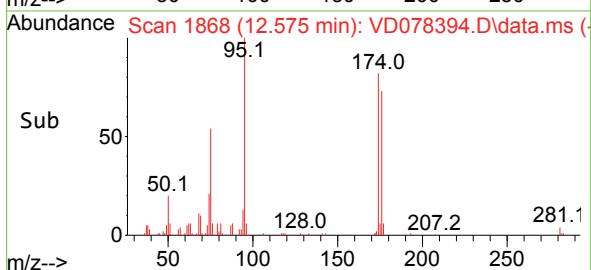
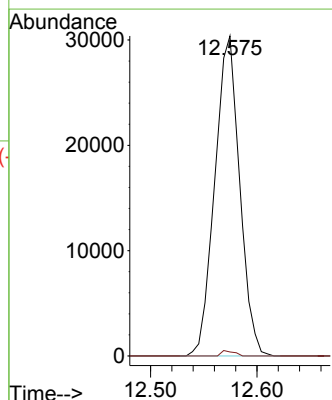
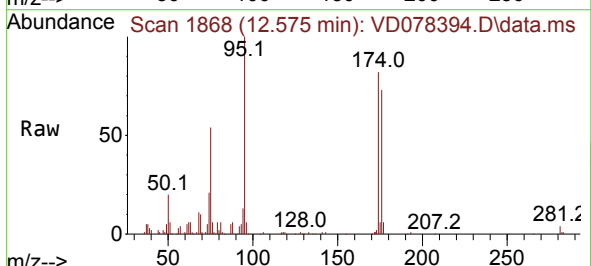
Acq: 09 Feb 2024 19:20

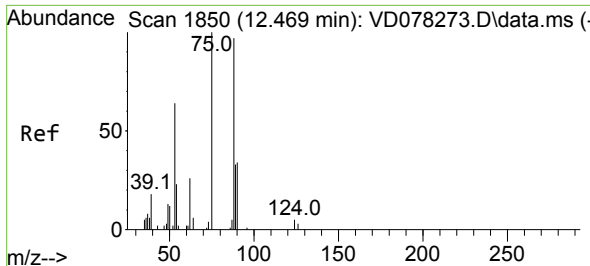
Tgt Ion: 75 Resp: 49172

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#

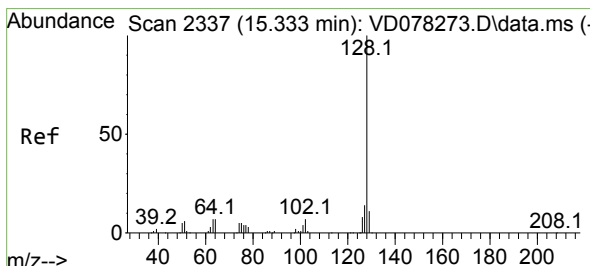
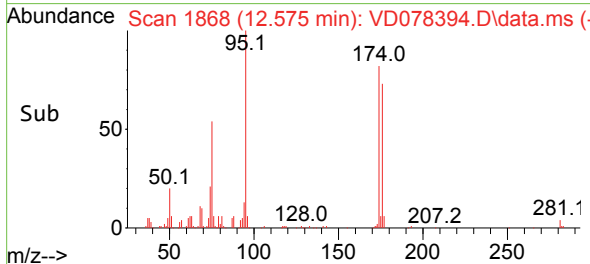
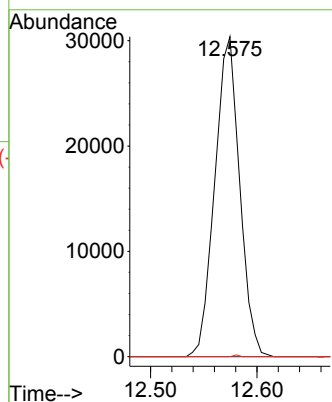
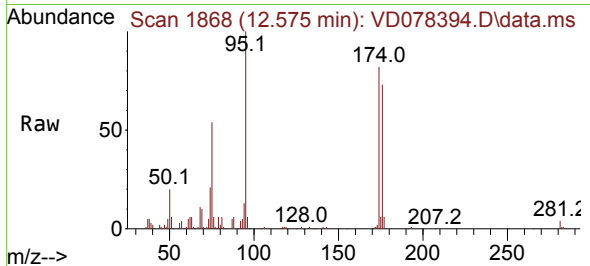




#81
trans-1,4-Dichloro-2-butene
Concen: 88.681 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

Instrument :
MSVOA_D
ClientSampleId :
ETGI-362

Tgt Ion: 75 Resp: 49172
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 2.736 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. -0.012 min
Lab File: VD078394.D
Acq: 09 Feb 2024 19:20

Tgt Ion: 128 Resp: 11016
Ion Ratio Lower Upper
128 100
127 22.7 10.5 15.7#
129 5.8 8.7 13.1#

