

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074992.D
 Acq On : 18 Nov 2022 16:20
 Operator : VA/SY
 Sample : N5691-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-358

Quant Time: Nov 18 22:06:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

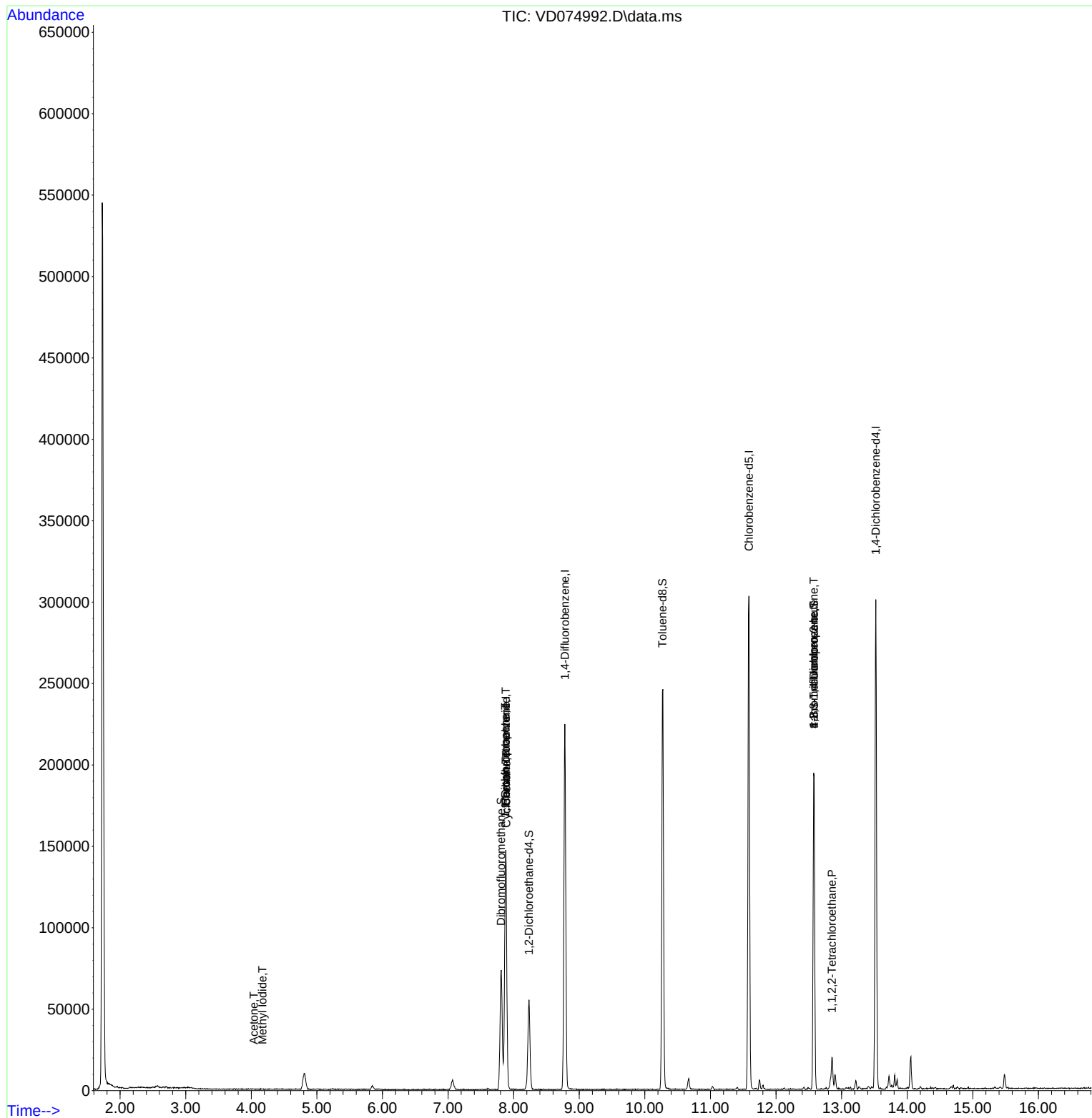
Internal Standards						
1) Pentafluorobenzene	7.881	168	120928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	214128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	195129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	86062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	42585	53.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.800%
35) Dibromofluoromethane	7.810	113	55023	41.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.380%
50) Toluene-d8	10.269	98	185162	42.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.180%
62) 4-Bromofluorobenzene	12.575	95	54186	40.585	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.180%
Target Compounds						
3) Chloromethane	2.152	50	428	Below Cal	#	37
5) Bromomethane	2.699	94	545	Below Cal		97
10) Methyl Iodide	4.169	142	183	4.882	ug/l #	43
16) Acetone	4.040	43	558	2.795	ug/l #	37
20) Methylene Chloride	4.816	84	9120	Below Cal		96
31) Cyclohexane	7.887	56	2200	1.248	ug/l #	13
36) 1,1-Dichloropropene	7.875	75	8562	4.414	ug/l #	47
38) Carbon Tetrachloride	7.881	117	11682	6.397	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	12.851	83	1073	1.024	ug/l #	24
76) 1,2,3-Trichloropropane	12.575	75	25794	35.834	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	25794	88.152	ug/l #	17

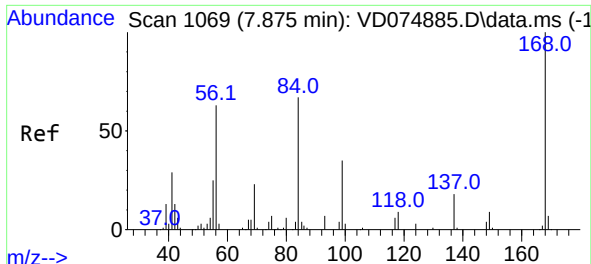
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

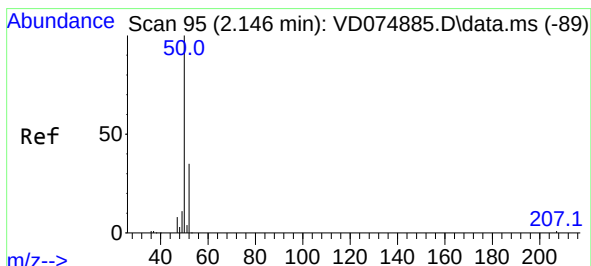
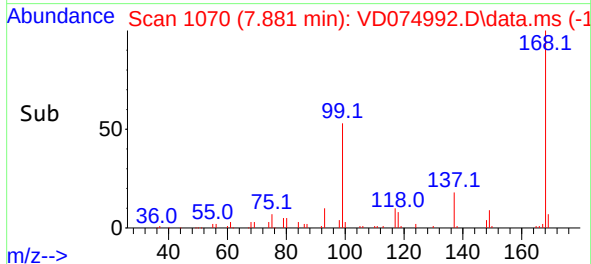
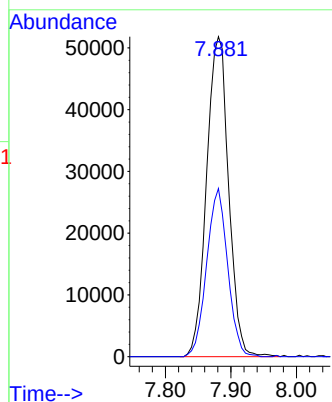
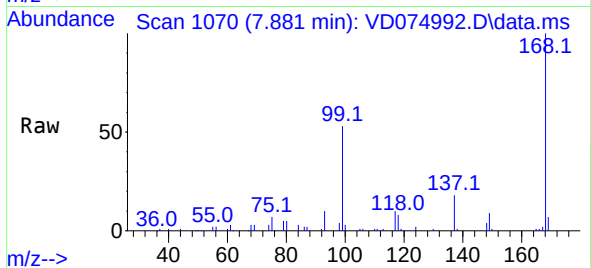




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

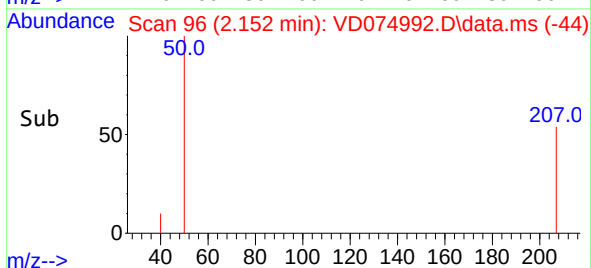
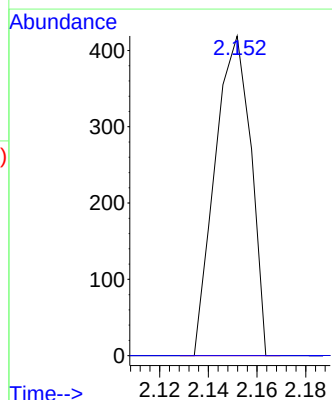
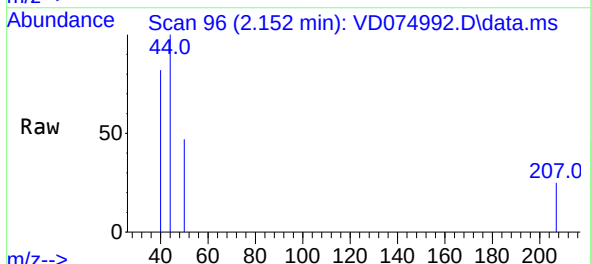
Instrument :
MSVOA_D
ClientSampleId :
ETGI-358

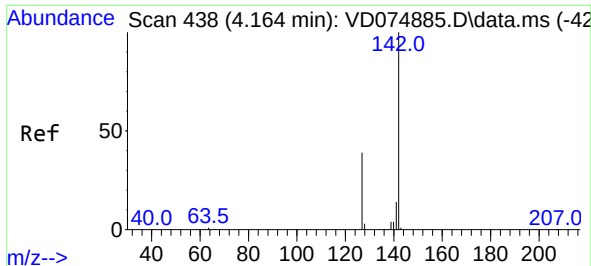
Tgt Ion:168 Resp: 120928
Ion Ratio Lower Upper
168 100
99 52.5 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#





#10

Methyl Iodide

Concen: 4.882 ug/l

RT: 4.169 min Scan# 41

Delta R.T. 0.005 min

Lab File: VD074992.D

Acq: 18 Nov 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

ETGI-358

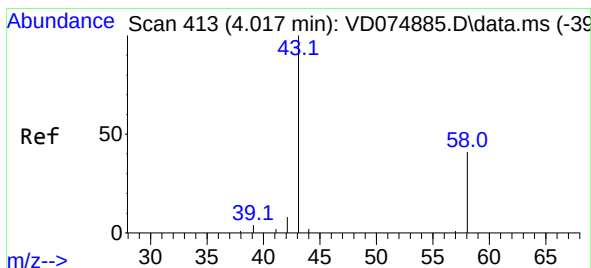
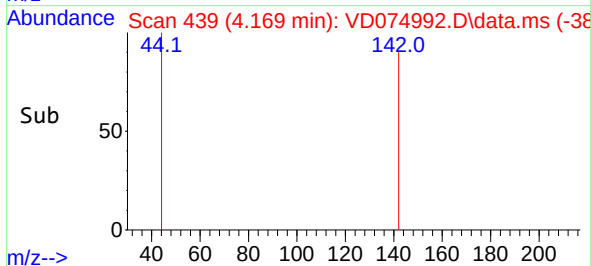
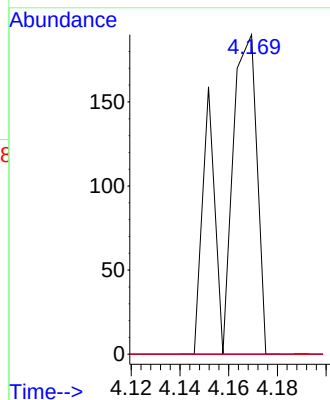
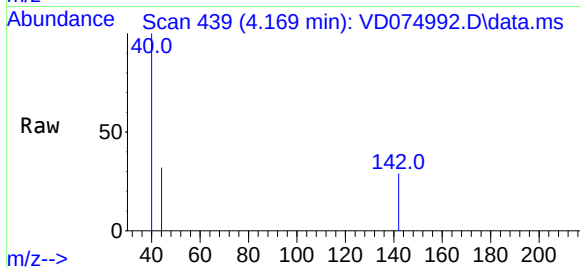
Tgt Ion:142 Resp: 183

Ion Ratio Lower Upper

142 100

127 0.0 31.9 47.9#

141 0.0 11.4 17.2#



#16

Acetone

Concen: 2.795 ug/l

RT: 4.040 min Scan# 417

Delta R.T. 0.023 min

Lab File: VD074992.D

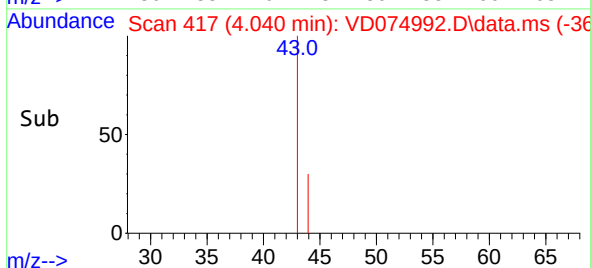
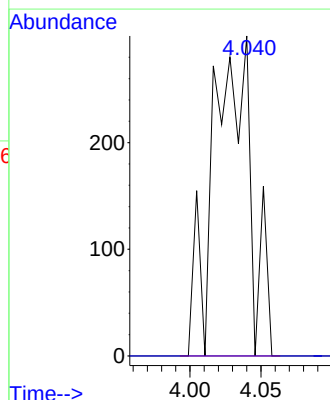
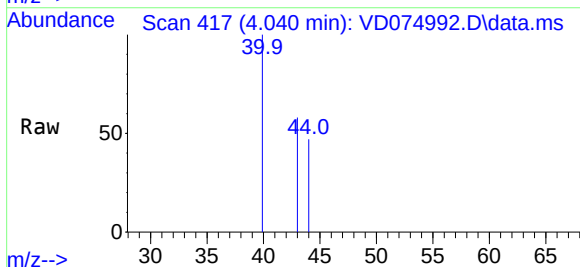
Acq: 18 Nov 2022 16:20

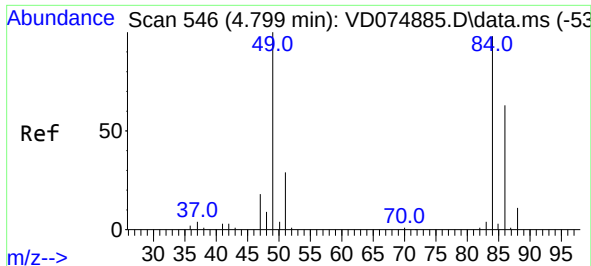
Tgt Ion: 43 Resp: 558

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



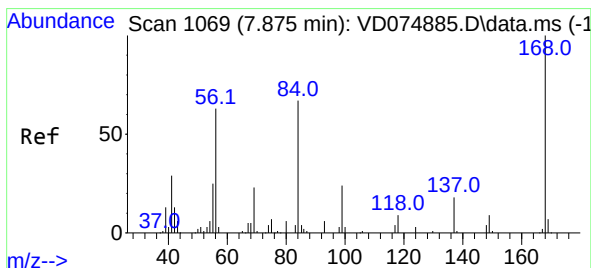
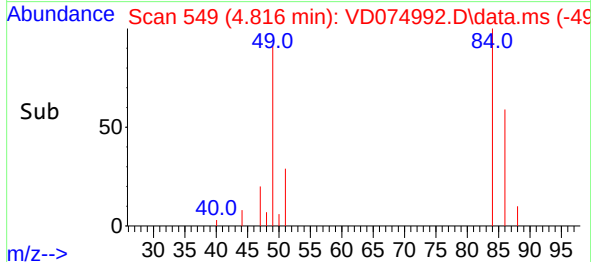
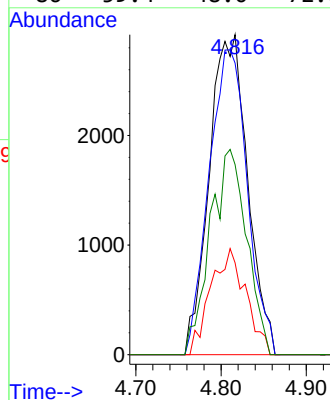
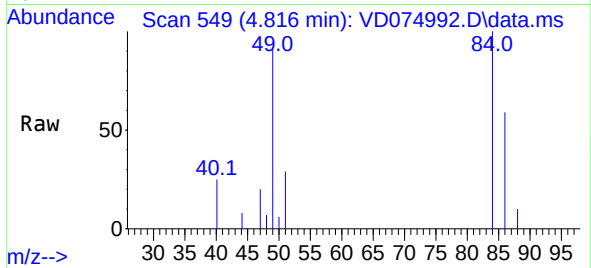


#20
Methylene Chloride
Concen: Below Cal
RT: 4.816 min Scan# 54
Delta R.T. 0.017 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
ETGI-358

Tgt Ion: 84 Resp: 9120

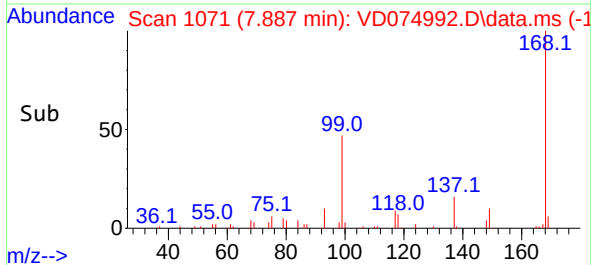
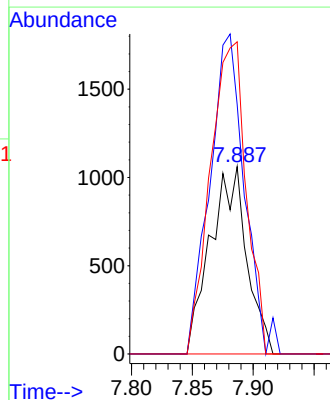
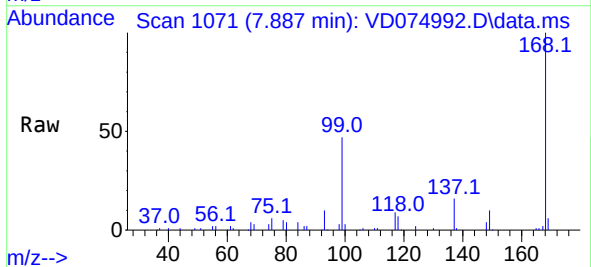
Ion	Ratio	Lower	Upper
84	100		
49	91.1	68.0	102.0
51	28.7	23.2	34.8
86	59.4	48.0	72.0

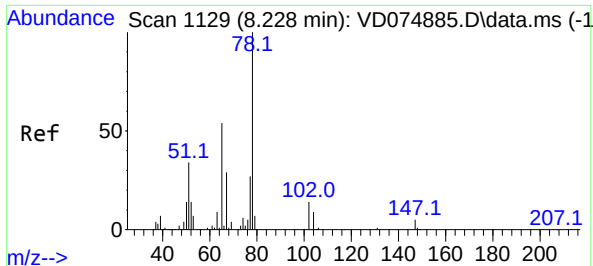


#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Tgt Ion: 56 Resp: 2200

Ion	Ratio	Lower	Upper
56	100		
69	133.1	29.2	43.8#
84	166.6	83.4	125.2#





#33

1,2-Dichloroethane-d4

Concen: 53.401 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074992.D

Acq: 18 Nov 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

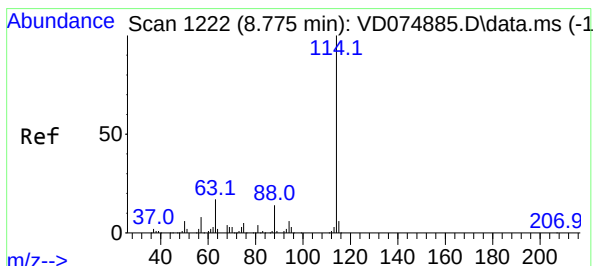
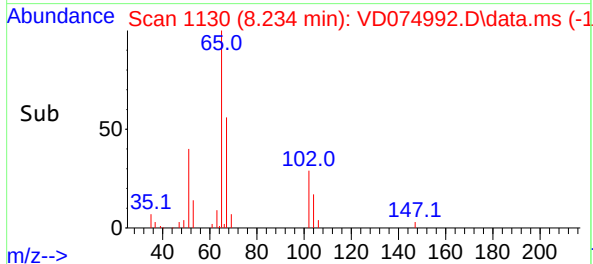
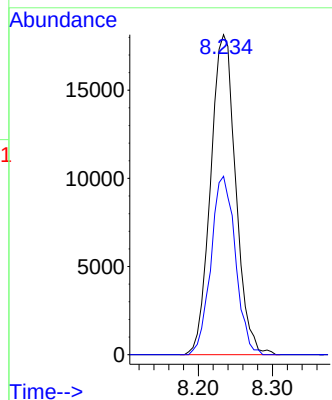
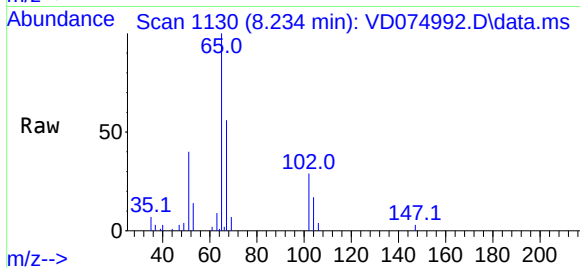
ETGI-358

Tgt Ion: 65 Resp: 42585

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074992.D

Acq: 18 Nov 2022 16:20

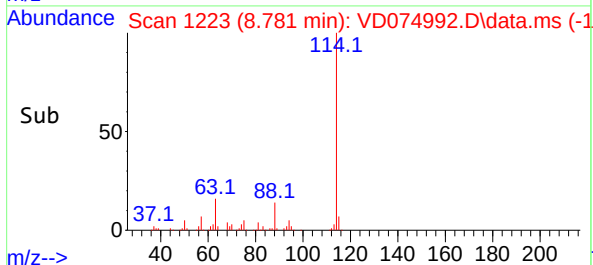
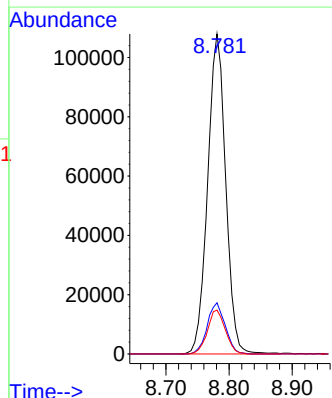
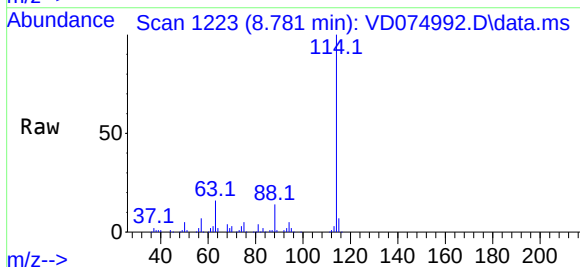
Tgt Ion: 114 Resp: 214128

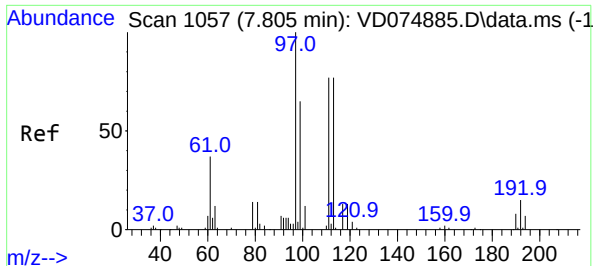
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.7 0.0 28.2

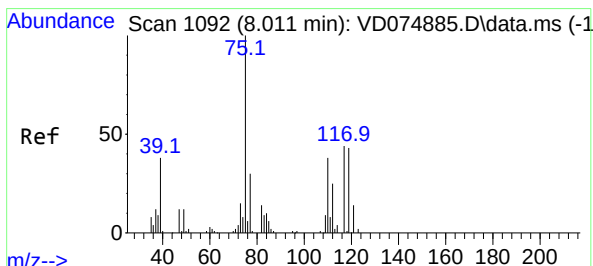
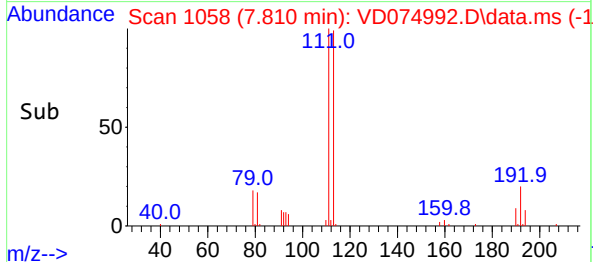
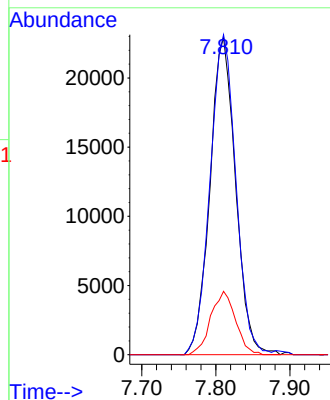
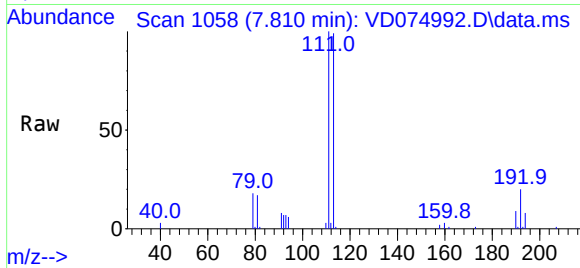




#35
Dibromofluoromethane
Concen: 41.686 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

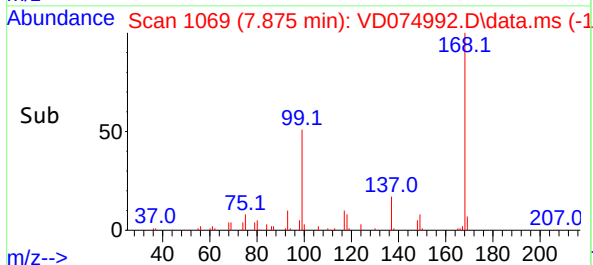
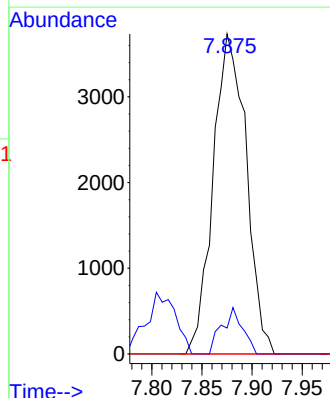
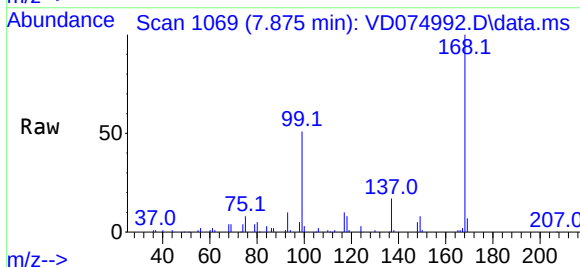
Instrument :
MSVOA_D
ClientSampleId :
ETGI-358

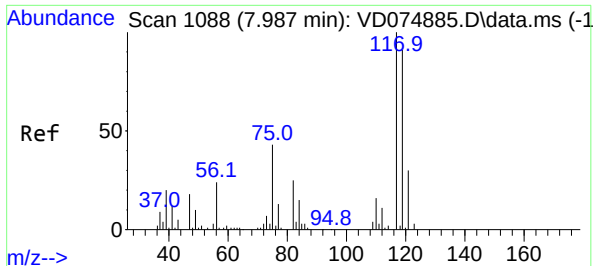
Tgt Ion:113 Resp: 55023
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 19.4 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.414 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

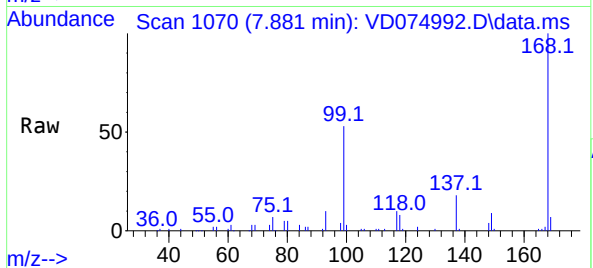
Tgt Ion: 75 Resp: 8562
Ion Ratio Lower Upper
75 100
110 9.1 19.7 59.0#
77 0.0 25.4 38.2#



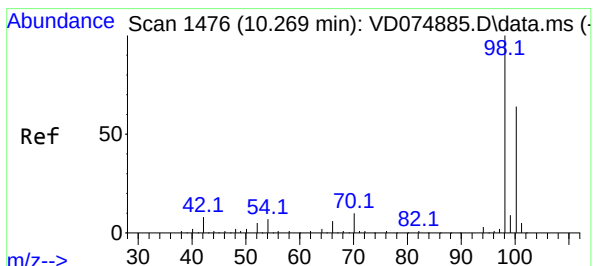
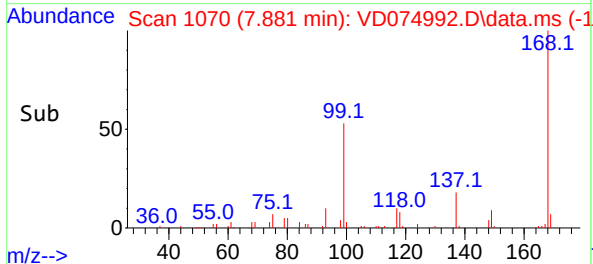
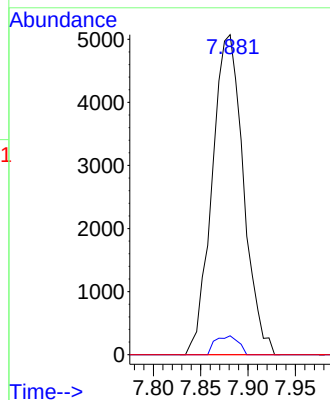


#38
Carbon Tetrachloride
Concen: 6.397 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
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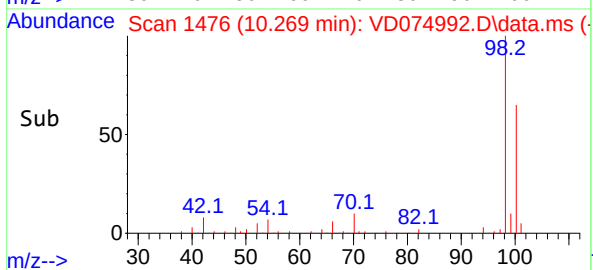
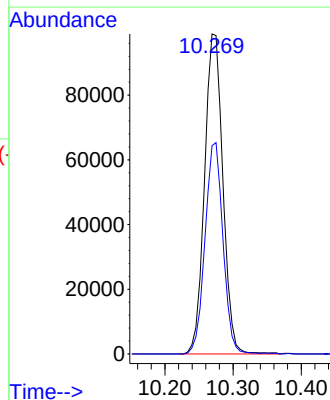
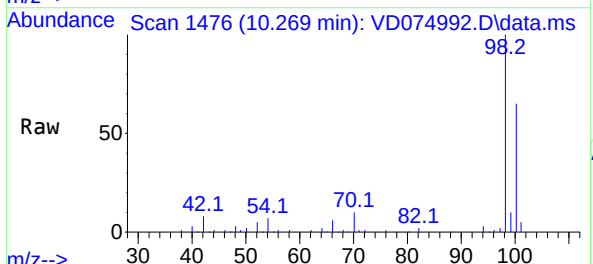


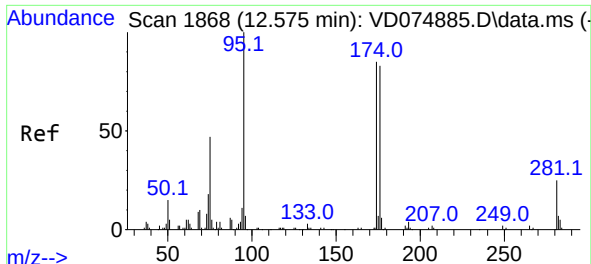
Tgt Ion:117 Resp: 11682
Ion Ratio Lower Upper
117 100
119 5.9 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 42.586 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Tgt Ion: 98 Resp: 185162
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

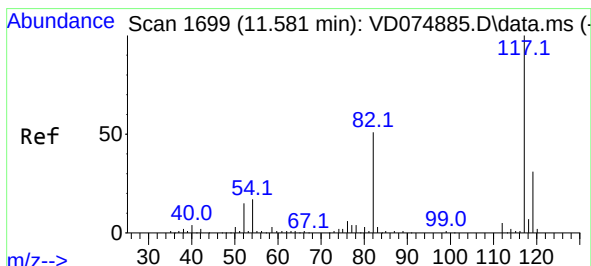
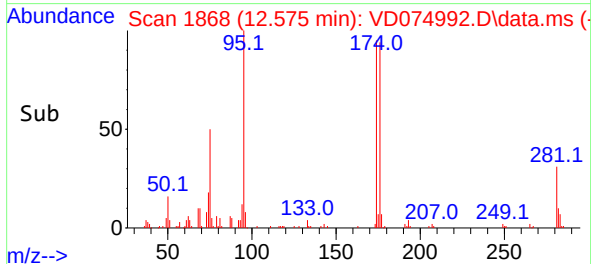
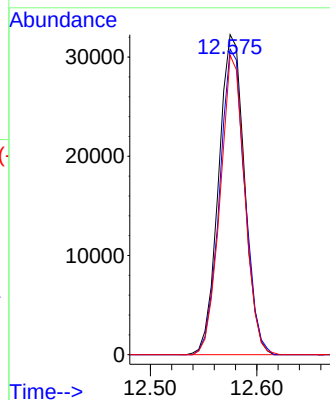
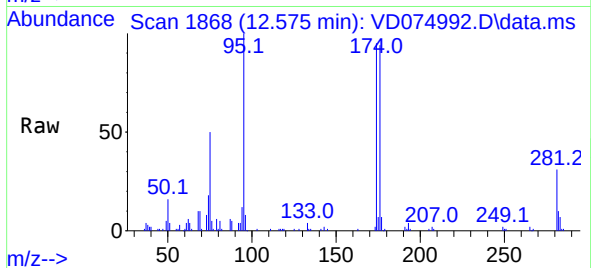




#62
4-Bromofluorobenzene
Concen: 40.585 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

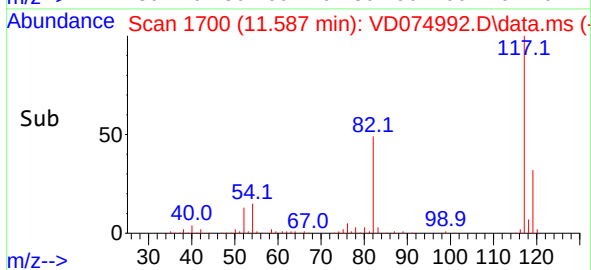
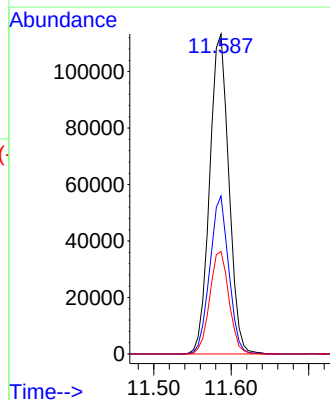
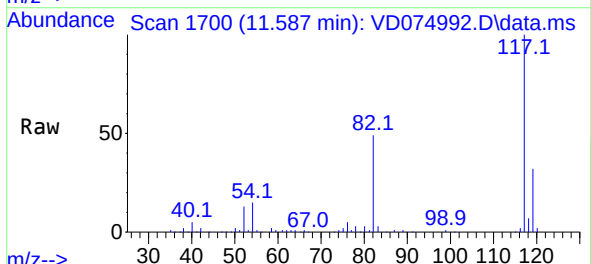
Instrument :
MSVOA_D
ClientSampleId :
ETGI-358

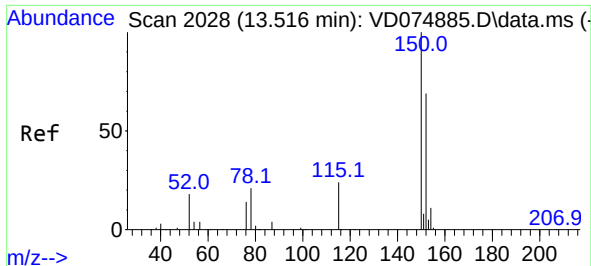
Tgt Ion: 95 Resp: 54186
Ion Ratio Lower Upper
95 100
174 93.1 0.0 197.0
176 88.6 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Tgt Ion:117 Resp: 195129
Ion Ratio Lower Upper
117 100
82 49.4 41.6 62.4
119 32.0 25.2 37.8

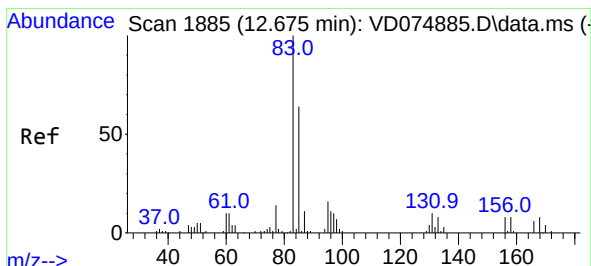
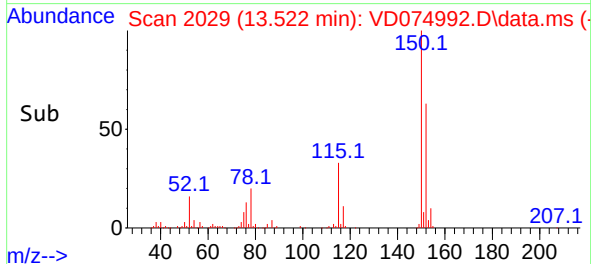
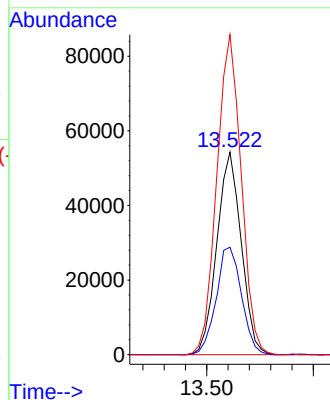
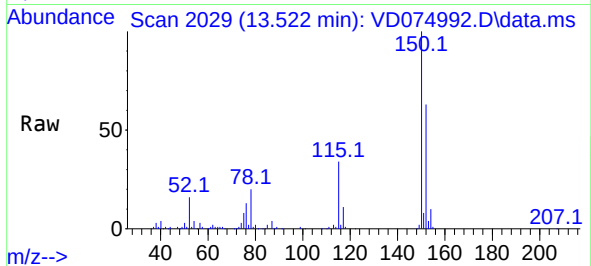




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074992.D
 Acq: 18 Nov 2022 16:20

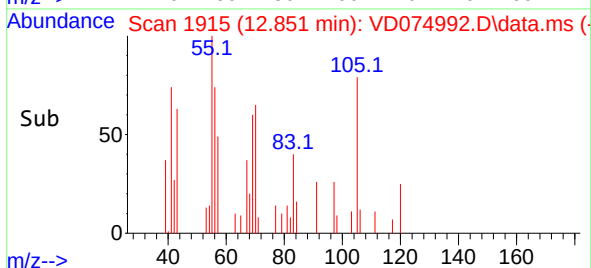
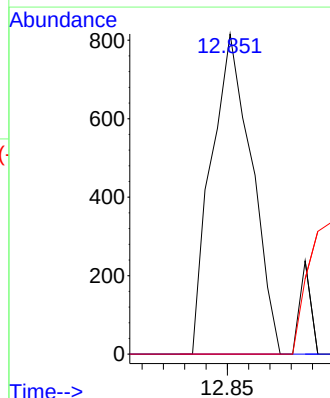
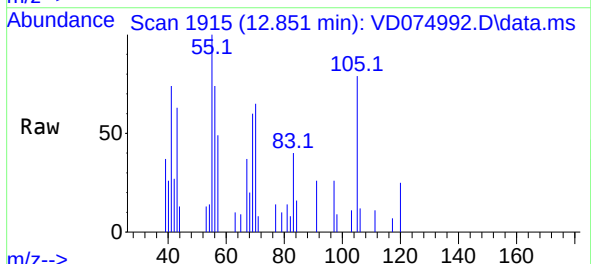
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-358

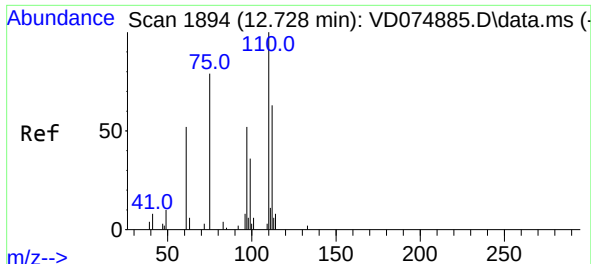
Tgt Ion:152 Resp: 86062
 Ion Ratio Lower Upper
 152 100
 115 55.2 26.8 80.4
 150 158.7 0.0 348.2



#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.024 ug/l
 RT: 12.851 min Scan# 1915
 Delta R.T. 0.176 min
 Lab File: VD074992.D
 Acq: 18 Nov 2022 16:20

Tgt Ion: 83 Resp: 1073
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.7 14.1#
 85 0.0 33.1 99.2#

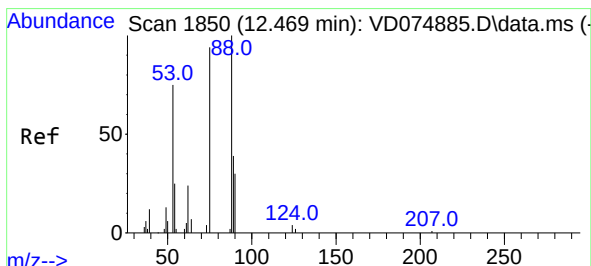
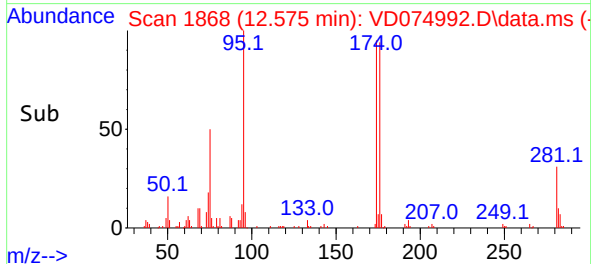
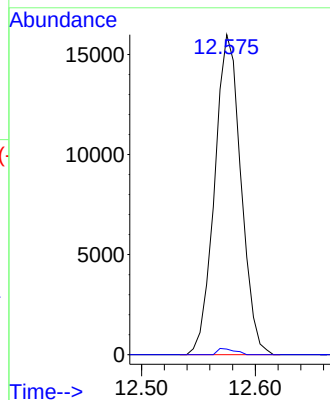
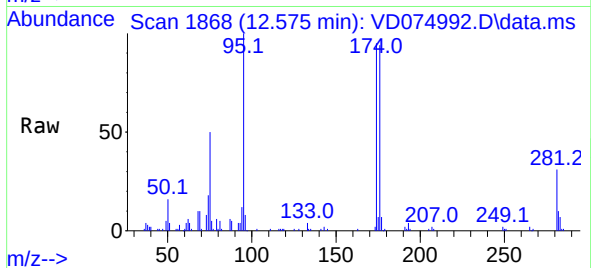




#76
1,2,3-Trichloropropane
Concen: 35.834 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
ETGI-358

Tgt Ion: 75 Resp: 25794
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.152 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Tgt Ion: 75 Resp: 25794
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

