

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067656.D
 Acq On : 17 Nov 2020 12:21
 Operator : VA/SY
 Sample : L4769-10
 Misc : 3.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-359

Quant Time: Nov 17 23:57:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

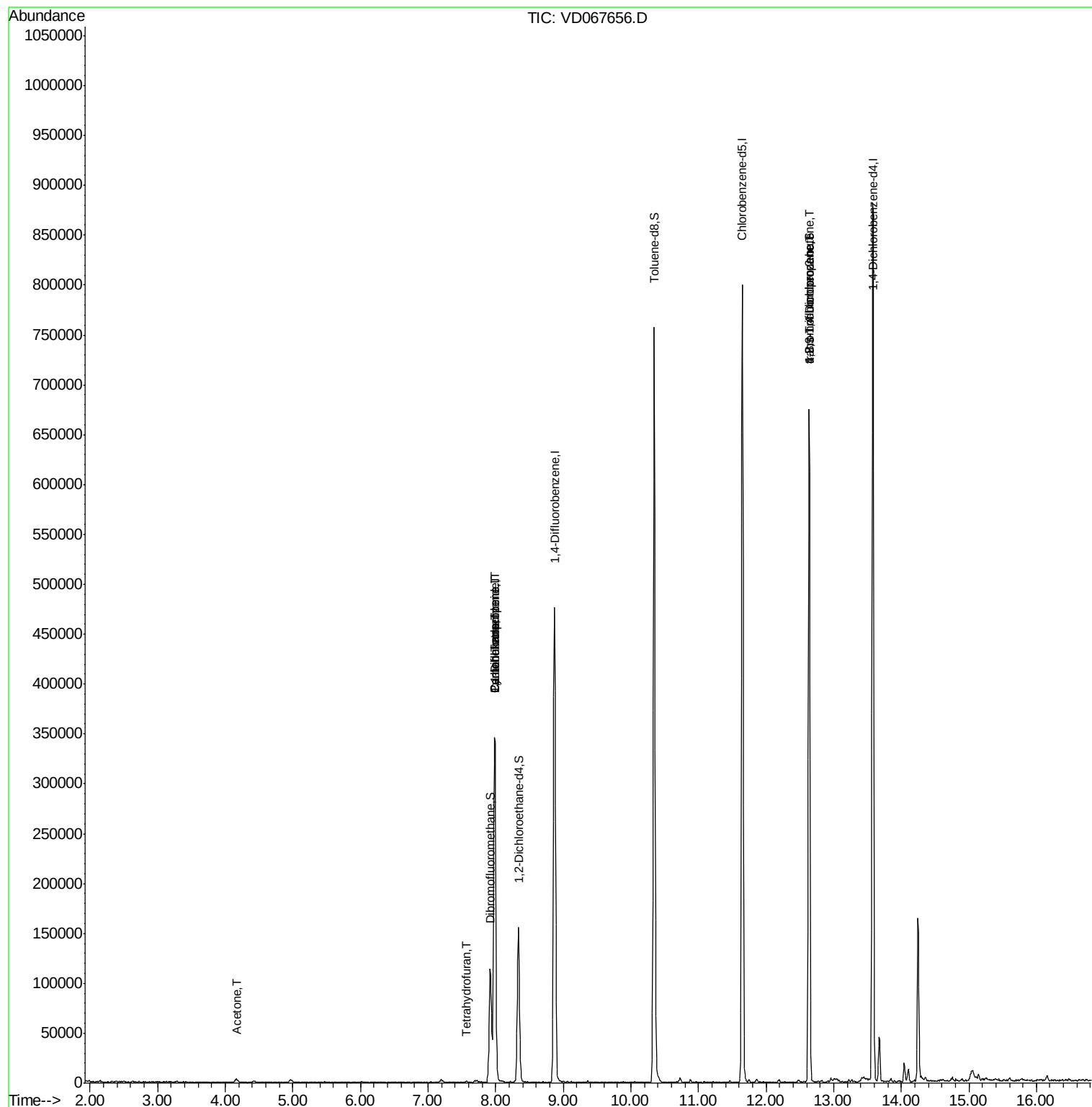
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	269753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	442645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	479338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	135674	57.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.04%	
35) Dibromofluoromethane	7.92	113	78702	29.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.02%	
50) Toluene-d8	10.34	98	526549	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	
62) 4-Bromofluorobenzene	12.64	95	212428	65.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.30%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	666	Below Cal		88
16) Acetone	4.16	43	6139	17.393	ug/l	98
29) Tetrahydrofuran	7.57	42	726	3.214	ug/l #	65
31) Cyclohexane	7.99	56	5779	1.689	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	18768	4.953	ug/l #	48
38) Carbon Tetrachloride	7.98	117	26317	5.346	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	110876	72.256	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	110876	146.698	ug/l #	10

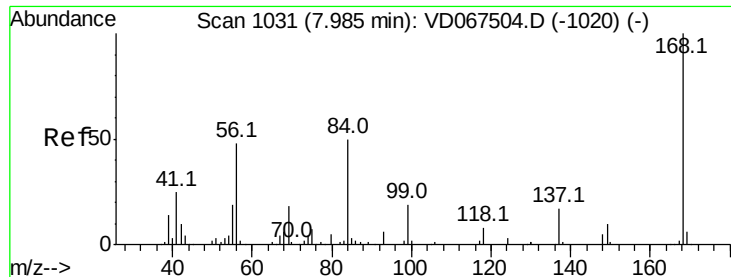
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067656.D

Acq: 17 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

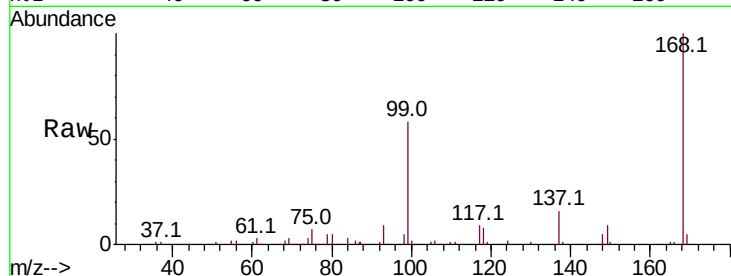
ETGI-359

Tot Ion:168 Resp: 269753

Ion Ratio Lower Upper

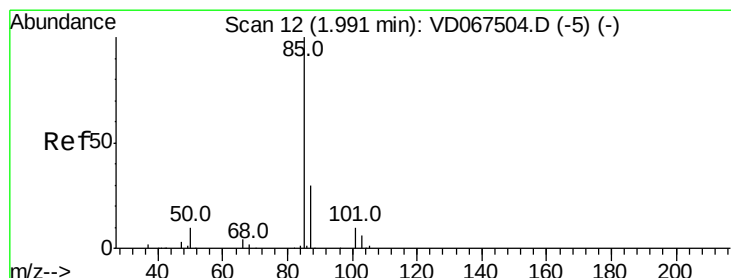
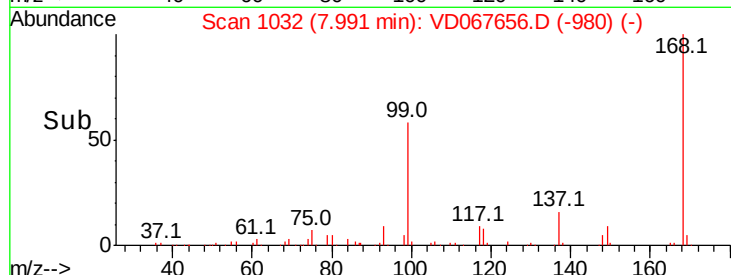
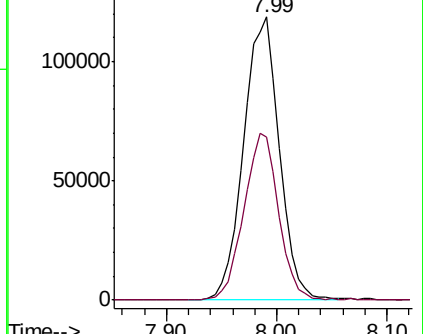
168 100

99 57.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067656.D

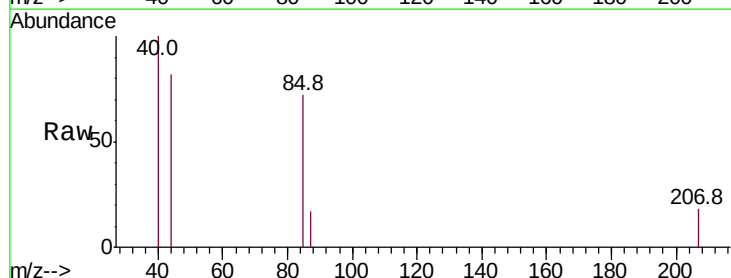
Acq: 17 Nov 2020 12:21

Tgt Ion: 85 Resp: 666

Ion Ratio Lower Upper

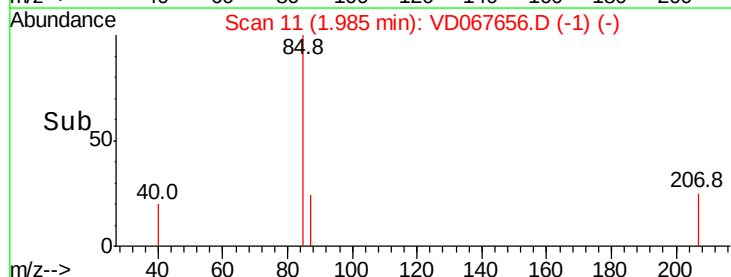
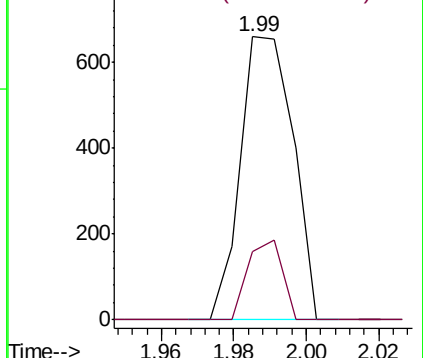
85 100

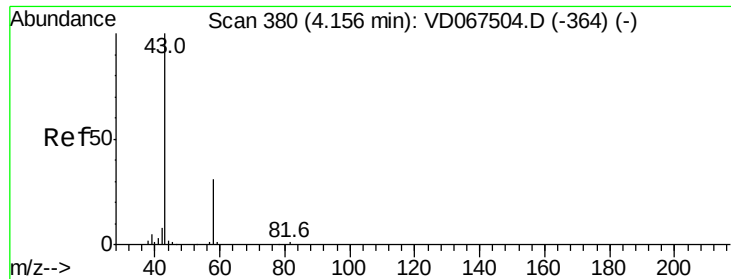
87 24.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

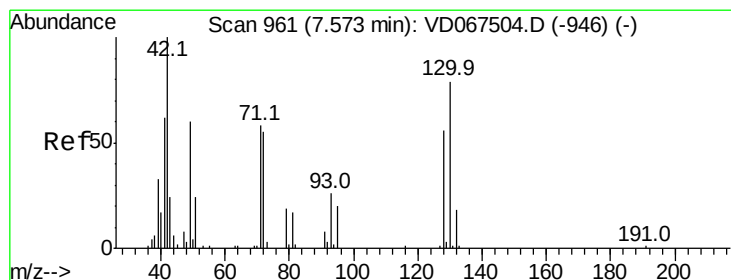
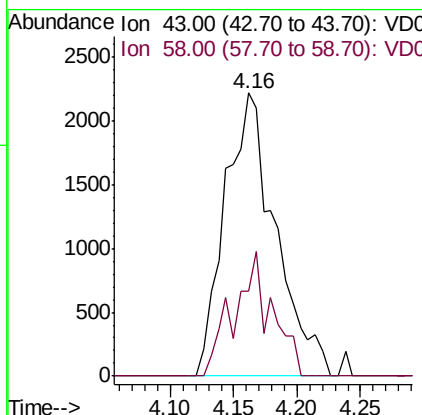
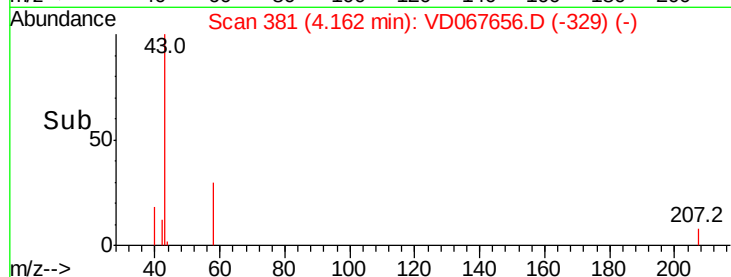
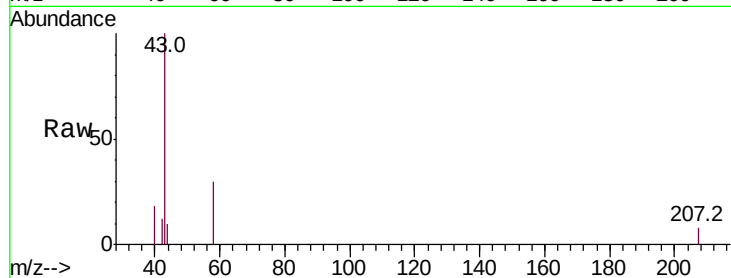




#16
Acetone
Concen: 17.393 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD067656.D
Acq: 17 Nov 2020 12:21

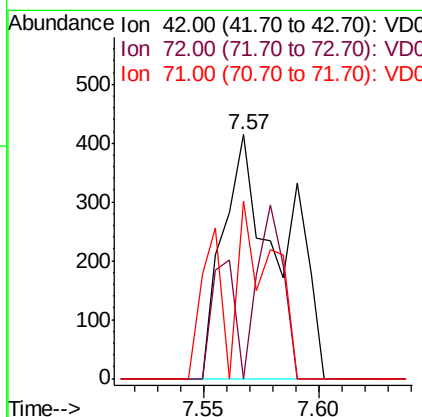
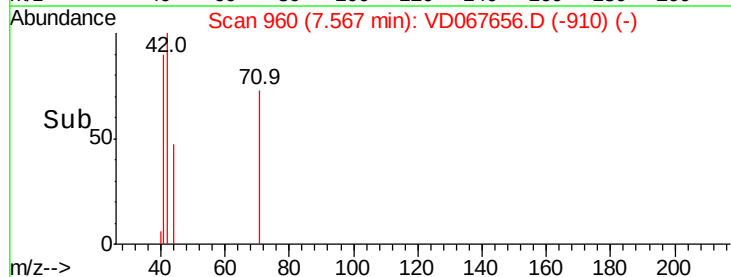
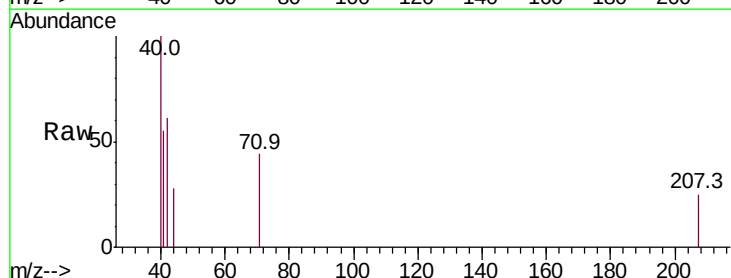
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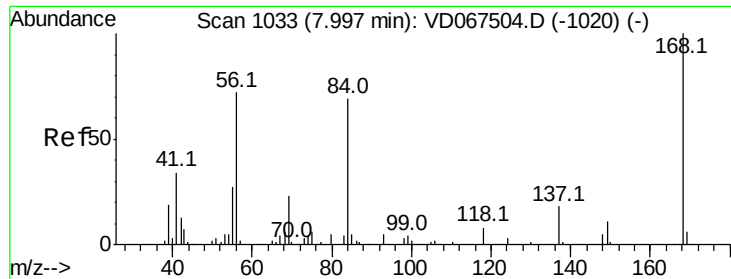
Tot Ion: 43 Resp: 6139
Ion Ratio Lower Upper
43 100
58 30.2 25.2 37.8



#29
Tetrahydrofuran
Concen: 3.214 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067656.D
Acq: 17 Nov 2020 12:21

Tgt Ion: 42 Resp: 726
Ion Ratio Lower Upper
42 100
72 18.7 46.3 69.5#
71 42.8 44.0 66.0#

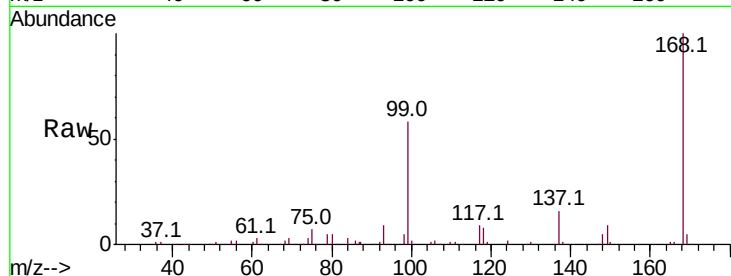




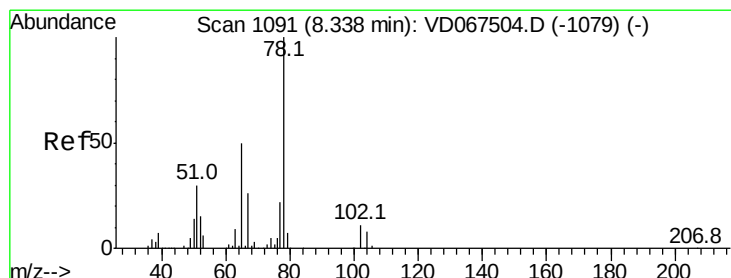
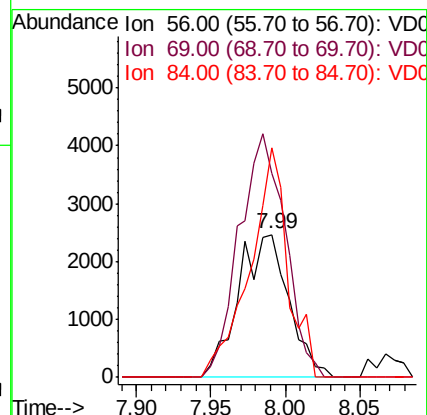
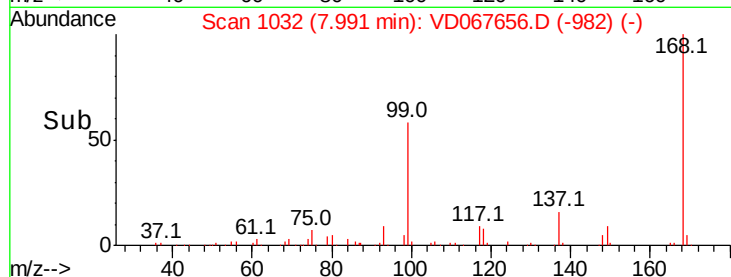
#31
Cyclohexane
Concen: 1.689 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067656.D
Acq: 17 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
ETGI-359

Tot Ion: 56 Resp: 5779
Ion Ratio Lower Upper
56 100
69 142.9 25.9 38.9#
84 160.6 76.2 114.4#

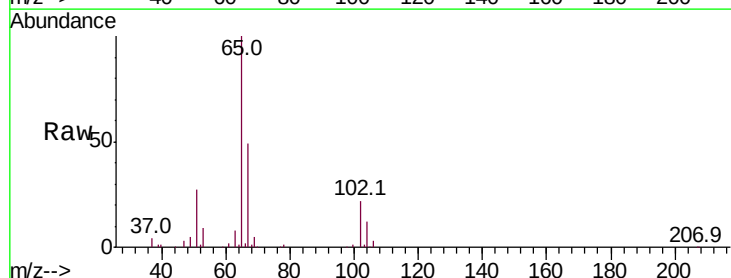


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

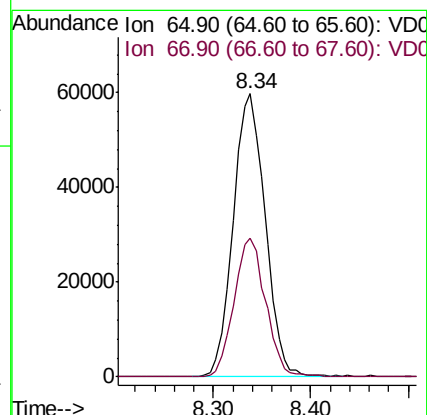
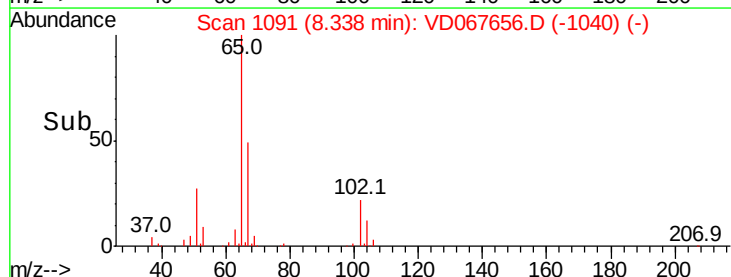


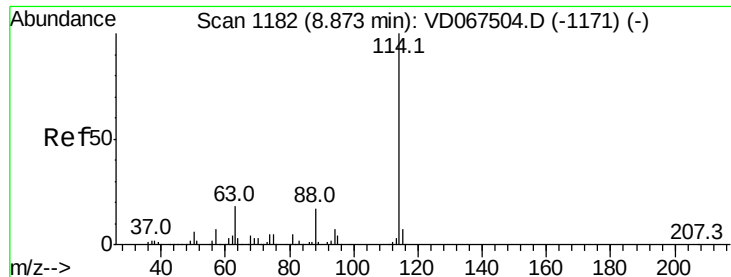
#33
1,2-Dichloroethane-d4
Concen: 57.521 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067656.D
Acq: 17 Nov 2020 12:21

Tgt Ion: 65 Resp: 135674
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

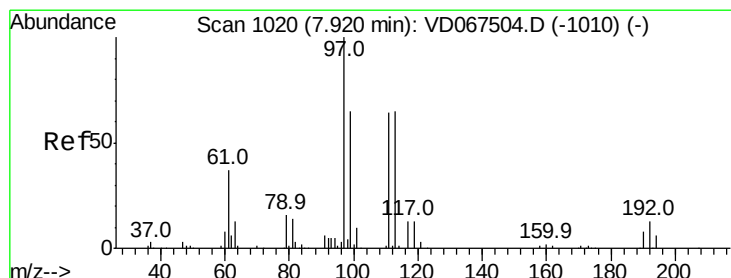
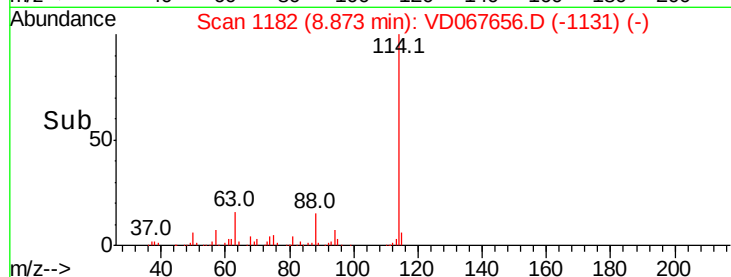
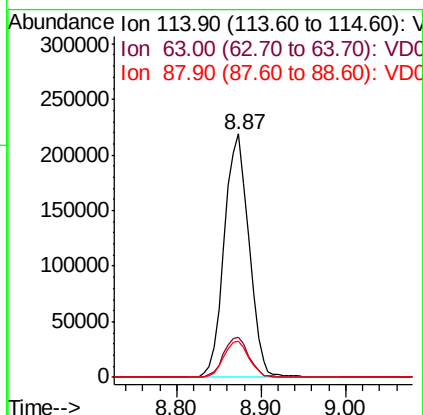
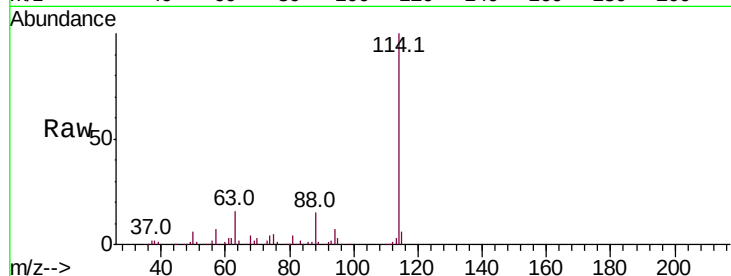




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VD067656.D
 Acq: 17 Nov 2020 12:21

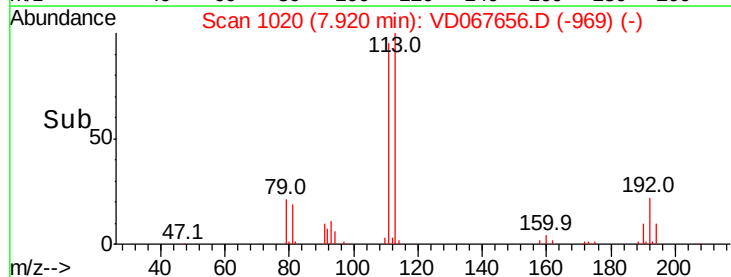
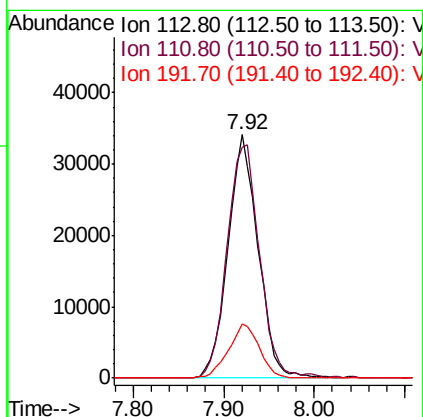
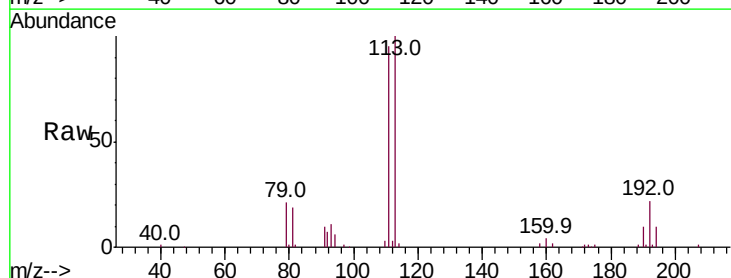
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-359

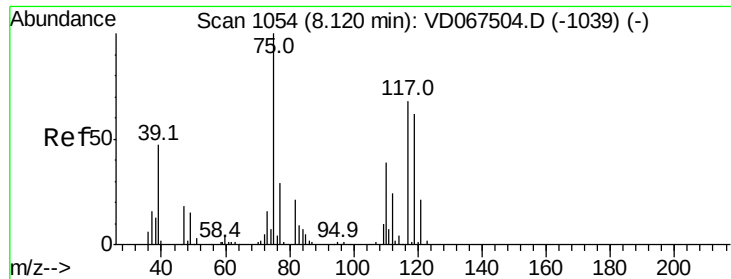
Tot Ion:114 Resp: 442645
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 35.0
 88 14.7 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 29.510 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067656.D
 Acq: 17 Nov 2020 12:21

Tgt Ion:113 Resp: 78702
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.0 120.0
 192 22.6 16.3 24.5





#36

1,1-Dichloropropene

Concen: 4.953 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.14 min

Lab File: VD067656.D

Acq: 17 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

ETGI-359

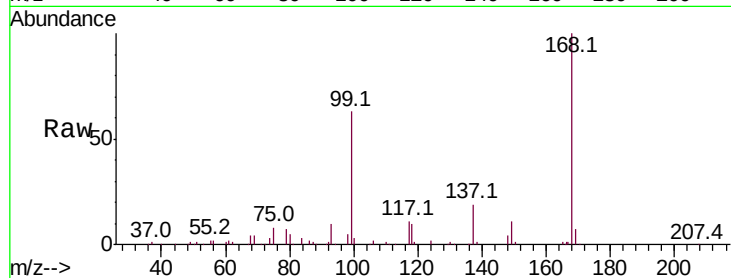
Tot Ion: 75 Resp: 18768

Ion Ratio Lower Upper

75 100

110 10.3 19.9 59.7#

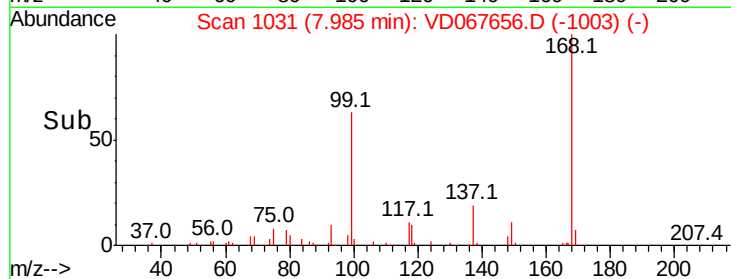
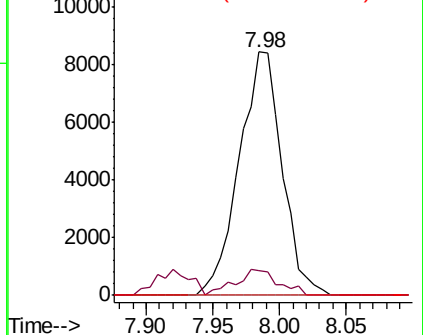
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.346 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067656.D

Acq: 17 Nov 2020 12:21

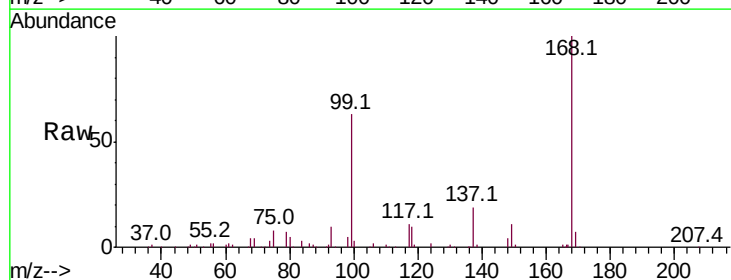
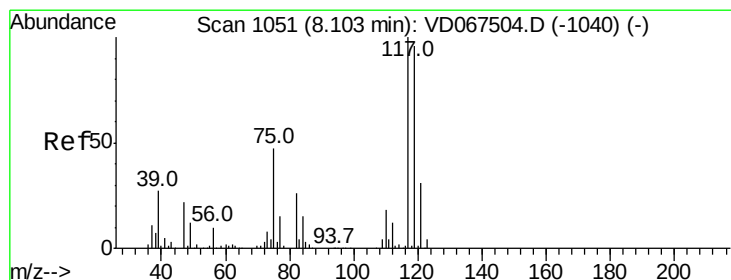
Tgt Ion: 117 Resp: 26317

Ion Ratio Lower Upper

117 100

119 6.2 76.9 115.3#

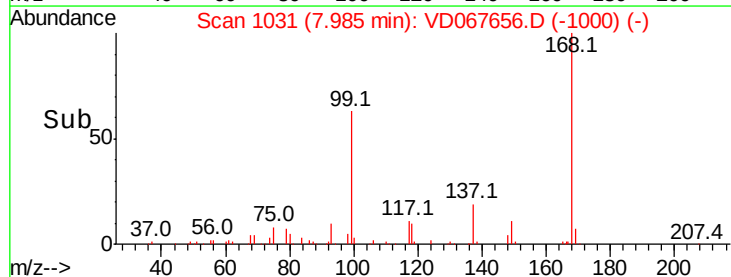
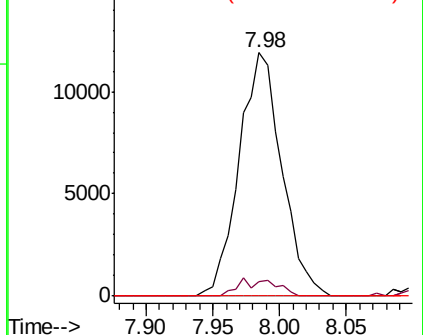
121 0.0 24.5 36.7#

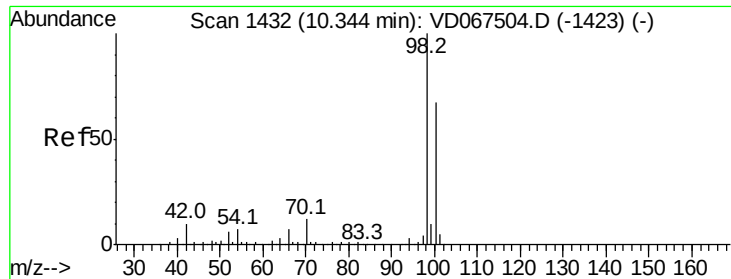


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

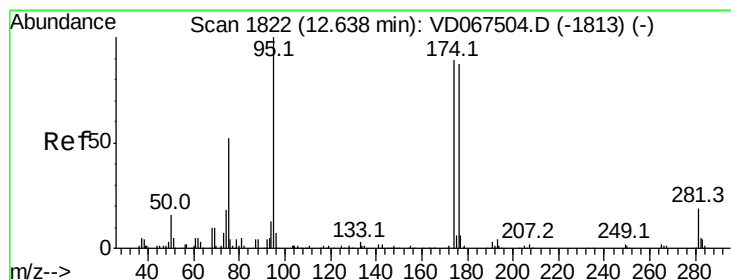
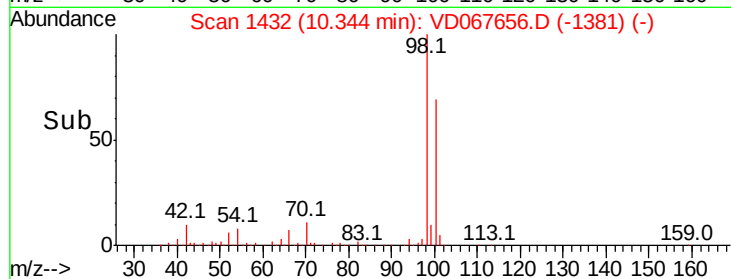
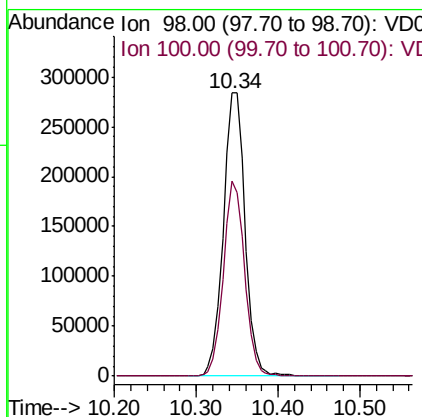
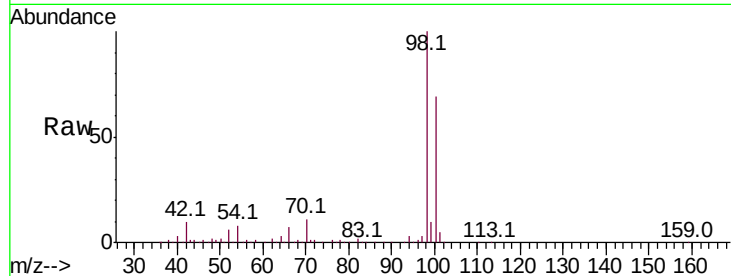




#50
Toluene-d8
Concen: 56.182 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067656.D
Acq: 17 Nov 2020 12:21

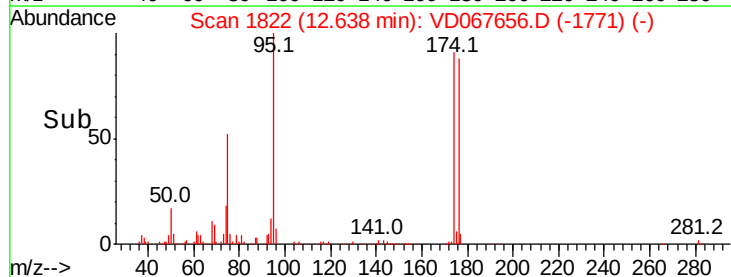
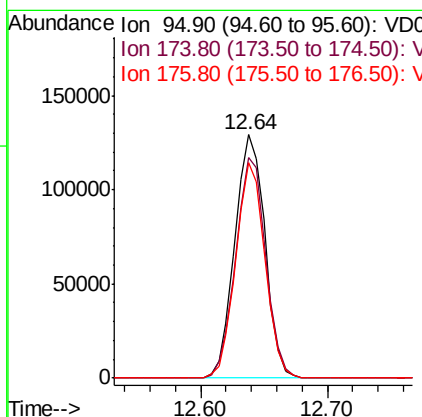
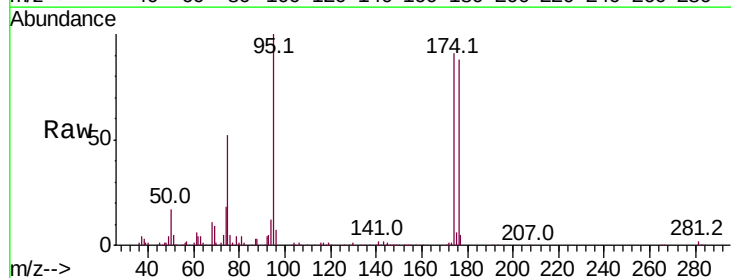
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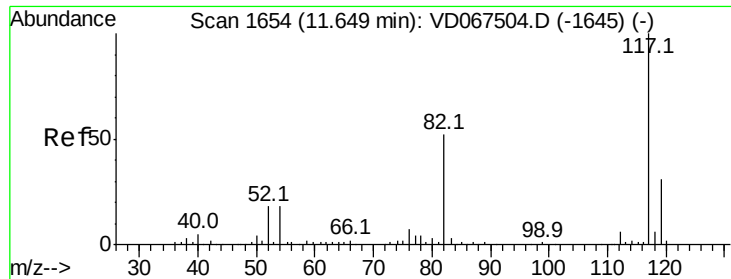
Tot Ion: 98 Resp: 526549
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 65.651 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067656.D
Acq: 17 Nov 2020 12:21

Tgt Ion: 95 Resp: 212428
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.8
176 85.8 0.0 172.0

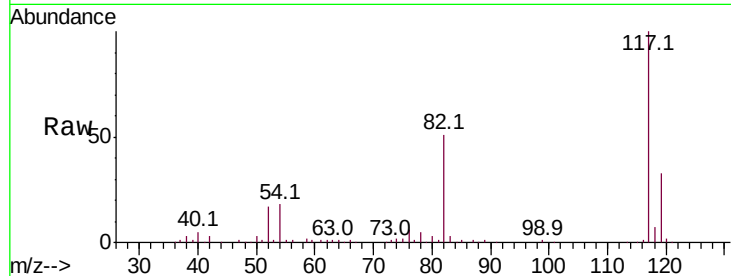




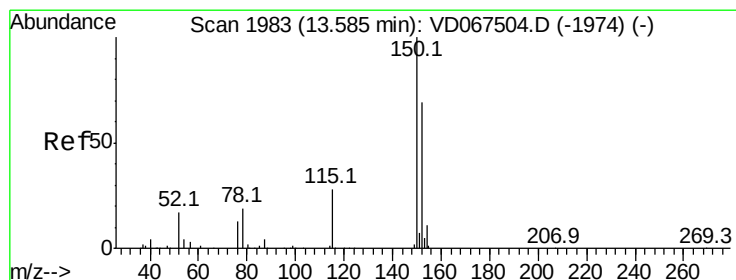
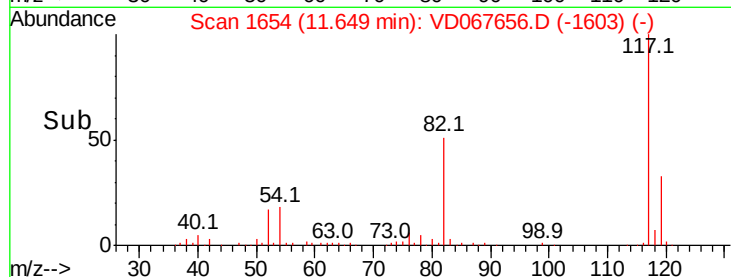
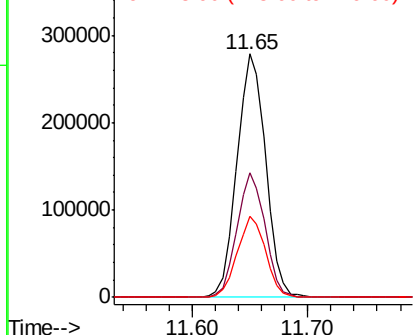
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067656.D
Acq: 17 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
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Tot Ion:117 Resp: 479338
Ion Ratio Lower Upper
117 100
82 51.1 41.6 62.4
119 33.1 25.1 37.7

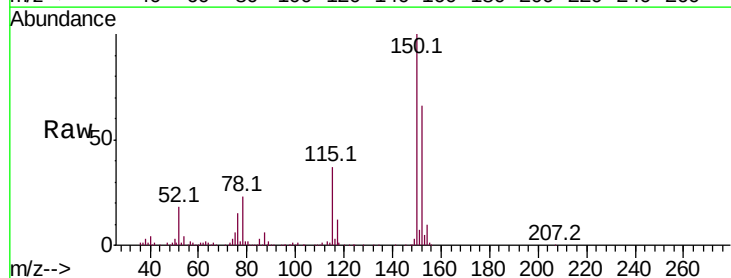


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

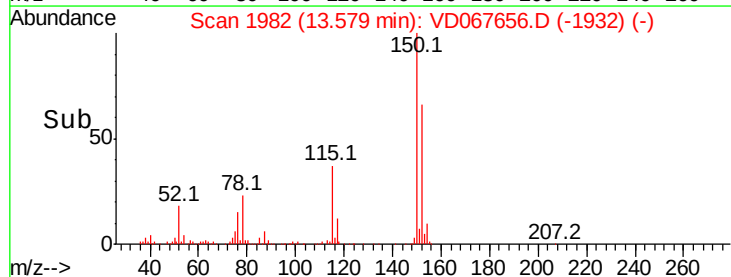
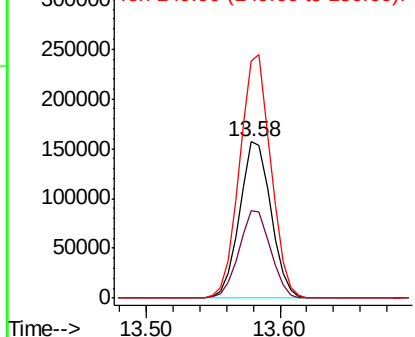


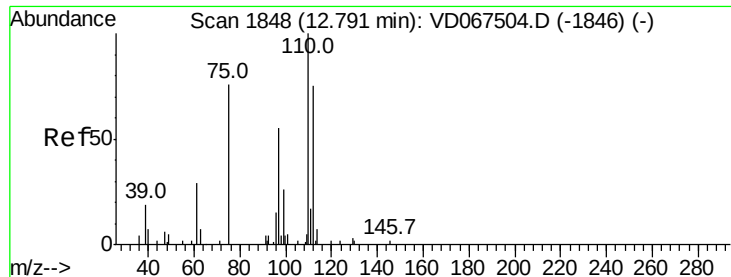
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067656.D
Acq: 17 Nov 2020 12:21

Tgt Ion:152 Resp: 254369
Ion Ratio Lower Upper
152 100
115 56.4 29.3 88.0
150 154.6 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 72.256 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067656.D

Acq: 17 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

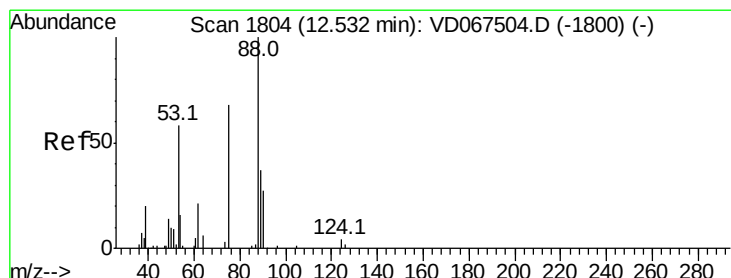
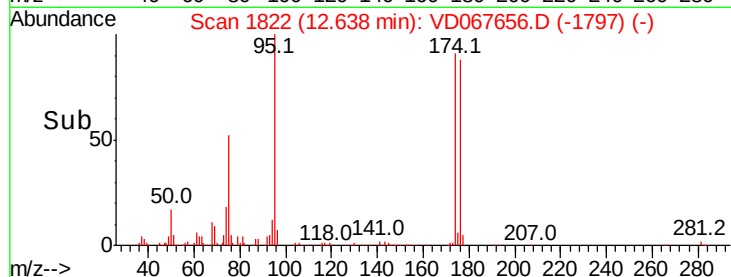
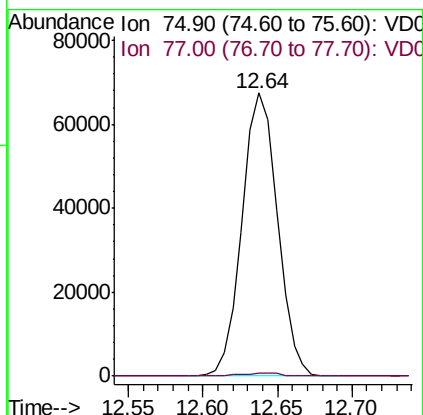
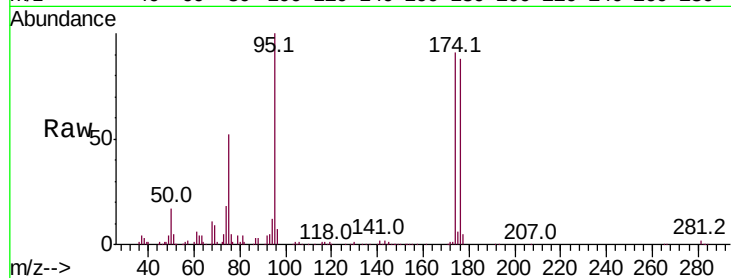
ETGI-359

Tot Ion: 75 Resp: 110876

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 146.698 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067656.D

Acq: 17 Nov 2020 12:21

Tgt Ion: 75 Resp: 110876

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

