

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067602.D
 Acq On : 11 Nov 2020 15:08
 Operator : VA/SY
 Sample : L4714-02
 Misc : 5.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-SP-2

Quant Time: Nov 12 00:09:50 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

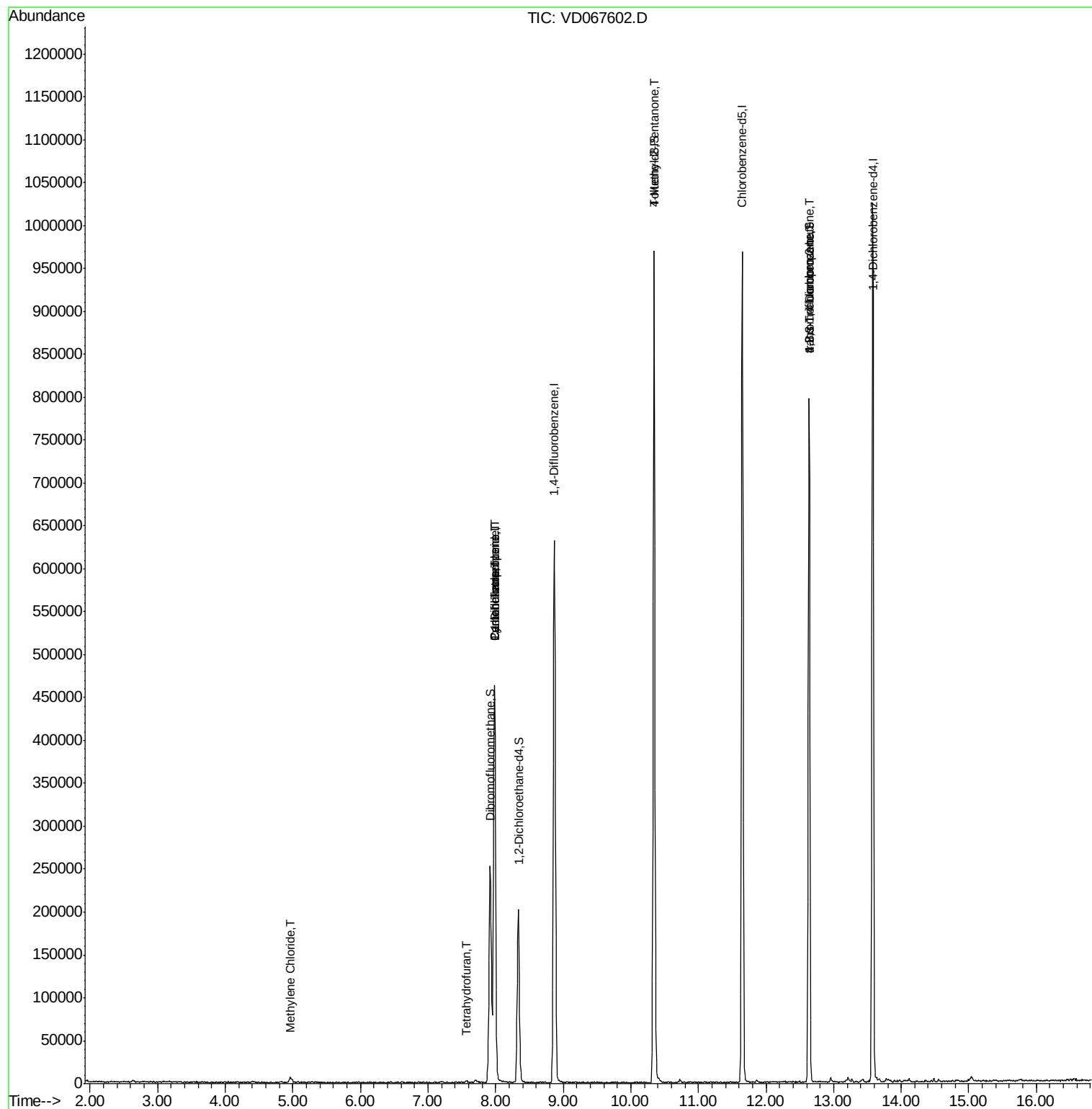
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	349477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	579194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	583343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	288659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	168201	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
35) Dibromofluoromethane	7.91	113	186396	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
50) Toluene-d8	10.34	98	672420	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.64	95	257412	60.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.60%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	146	Below Cal	#	44
20) Methylene Chloride	4.97	84	4591	1.421	ug/l #	72
29) Tetrahydrofuran	7.57	42	590	2.016	ug/l #	36
31) Cyclohexane	7.98	56	7293	1.646	ug/l #	49
36) 1,1-Dichloropropene	7.98	75	24245	4.890	ug/l #	48
38) Carbon Tetrachloride	7.98	117	36412	5.653	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	2479	2.036	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	130050	74.683	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	130050	151.627	ug/l #	10

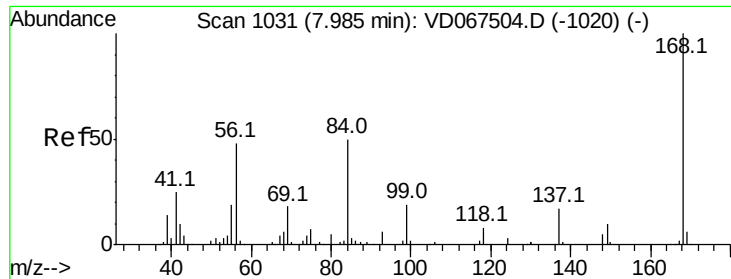
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 12 00:09:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067602.D

Acq: 11 Nov 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

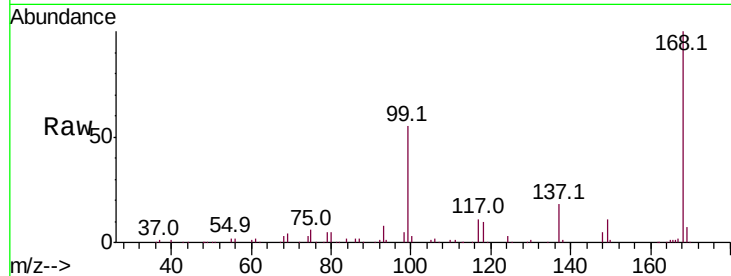
EROC-SP-2

Tot Ion:168 Resp: 349477

Ion Ratio Lower Upper

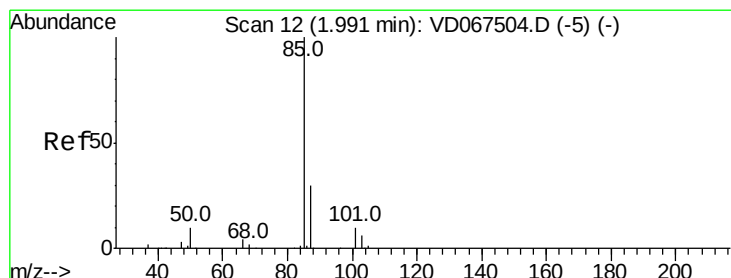
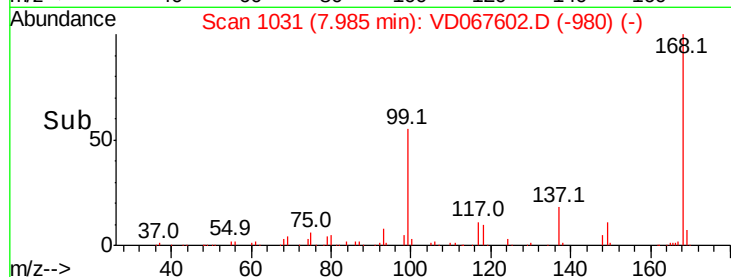
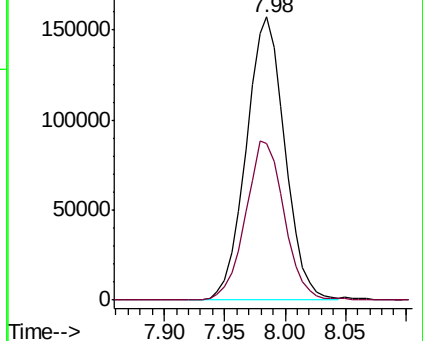
168 100

99 55.2 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: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD067602.D

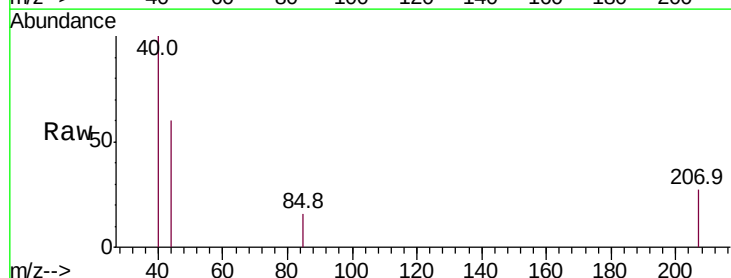
Acq: 11 Nov 2020 15:08

Tgt Ion: 85 Resp: 146

Ion Ratio Lower Upper

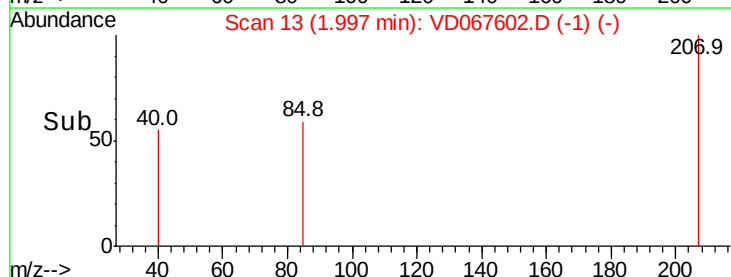
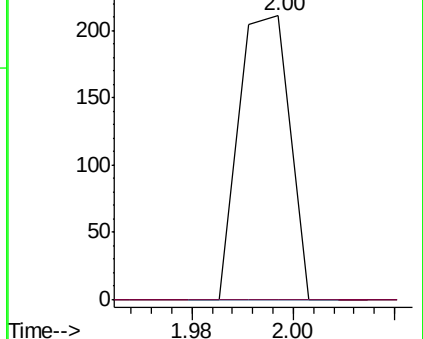
85 100

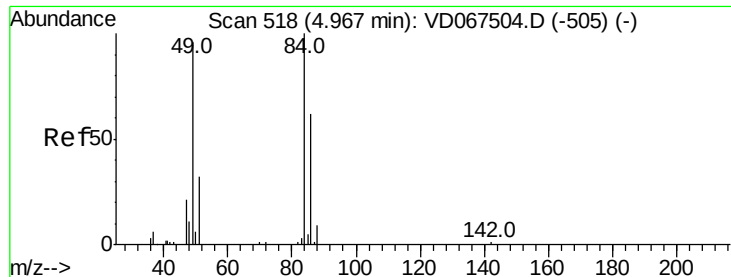
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

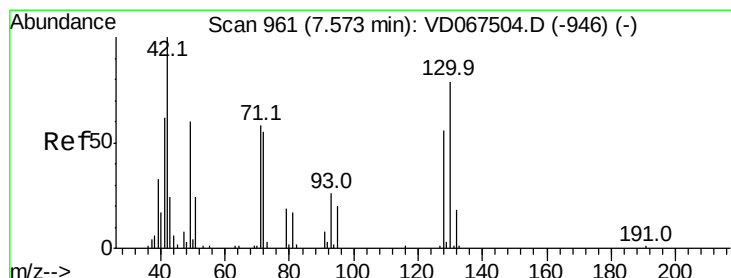
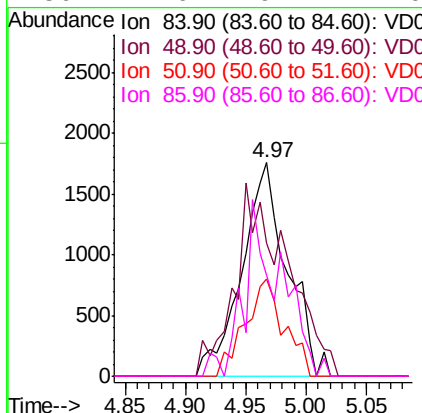
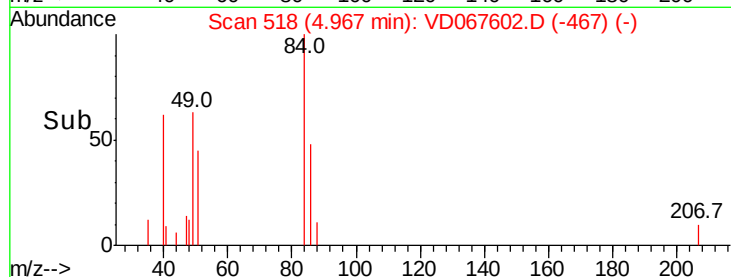
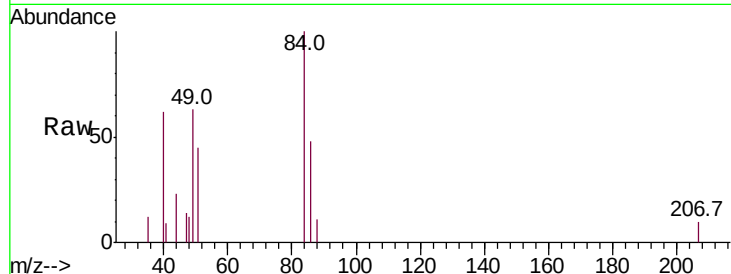




#20
Methylene Chloride
Concen: 1.421 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067602.D
Acq: 11 Nov 2020 15:08

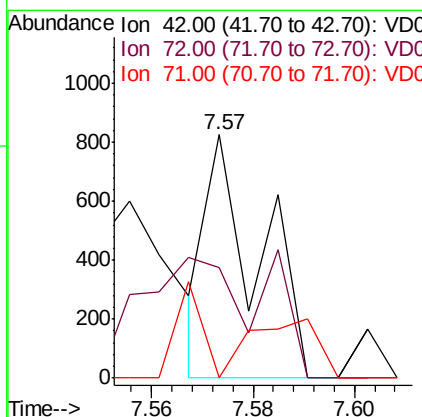
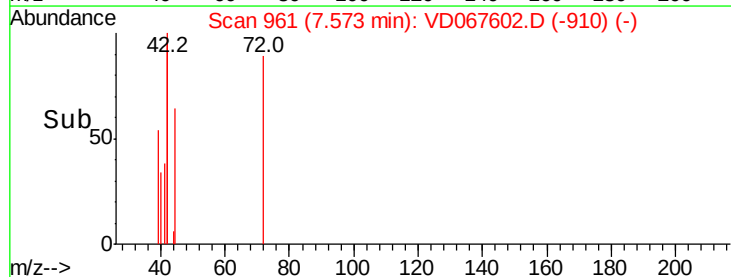
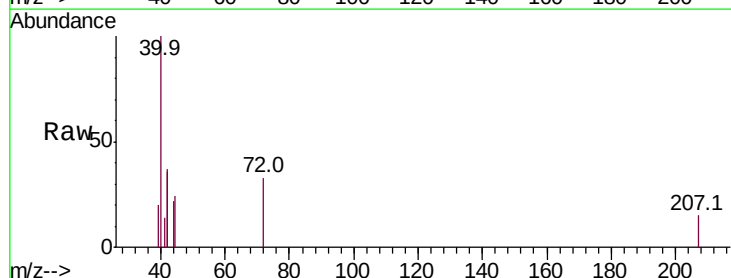
Instrument :
MSVOA_D
ClientSampleId :
EROC-SP-2

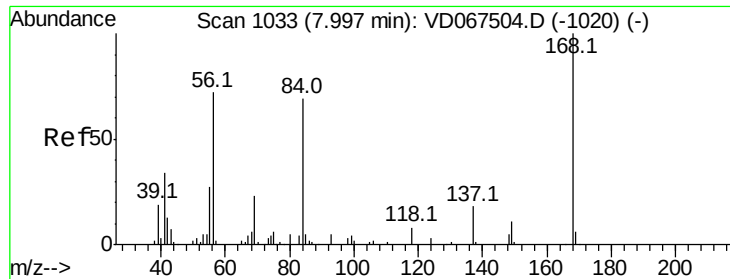
Tot Ion: 84 Resp: 4591
Ion Ratio Lower Upper
84 100
49 62.5 77.0 115.4#
51 45.4 25.4 38.2#
86 47.6 49.4 74.0#



#29
Tetrahydrofuran
Concen: 2.016 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD067602.D
Acq: 11 Nov 2020 15:08

Tgt Ion: 42 Resp: 590
Ion Ratio Lower Upper
42 100
72 0.0 46.3 69.5#
71 19.5 44.0 66.0#

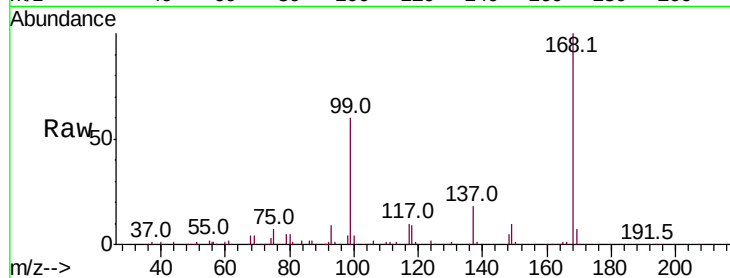




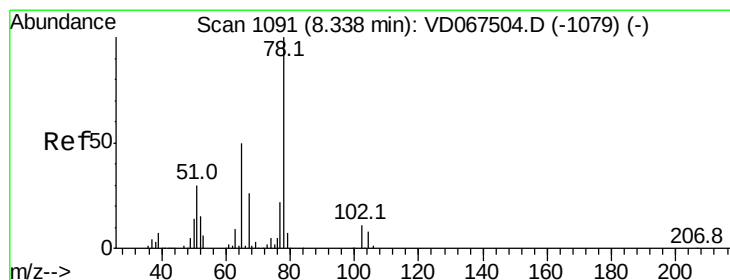
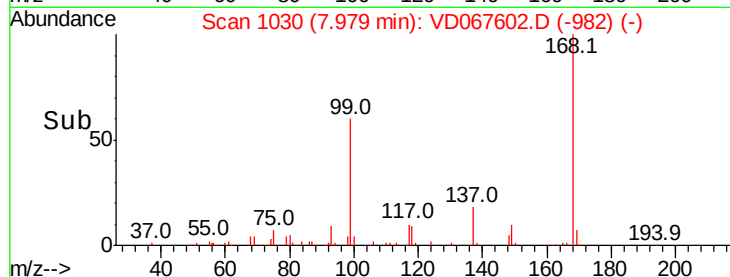
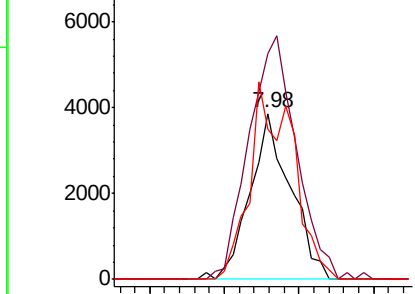
#31
Cyclohexane
Concen: 1.646 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067602.D
Acq: 11 Nov 2020 15:08

Instrument :
MSVOA_D
ClientSampleId :
EROC-SP-2

Tot Ion: 56 Resp: 7293
Ion Ratio Lower Upper
56 100
69 136.0 25.9 38.9#
84 90.3 76.2 114.4

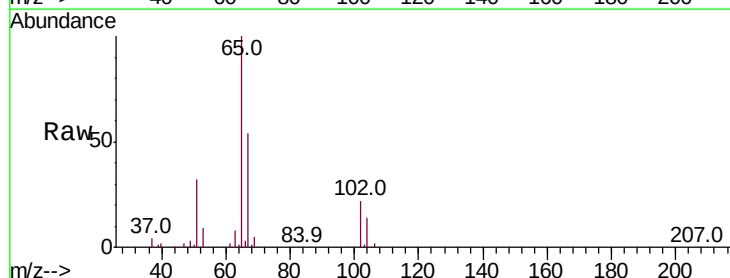


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

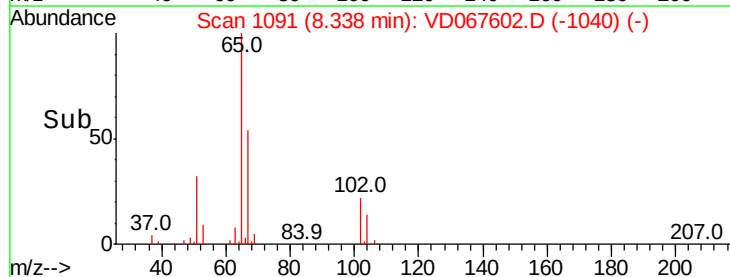
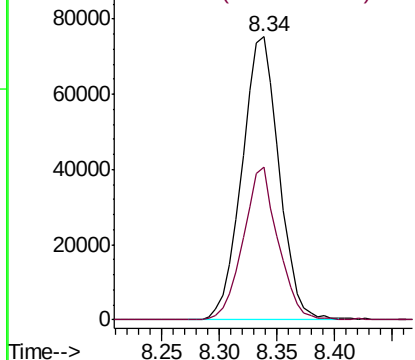


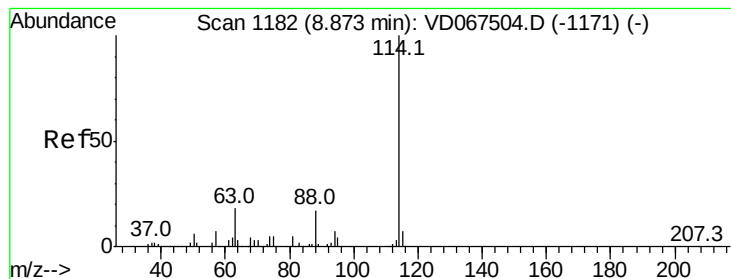
#33
1,2-Dichloroethane-d4
Concen: 55.043 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD067602.D
Acq: 11 Nov 2020 15:08

Tgt Ion: 65 Resp: 168201
Ion Ratio Lower Upper
65 100
67 50.5 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# 1181

Delta R.T. -0.01 min

Lab File: VD067602.D

Acq: 11 Nov 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

EROC-SP-2

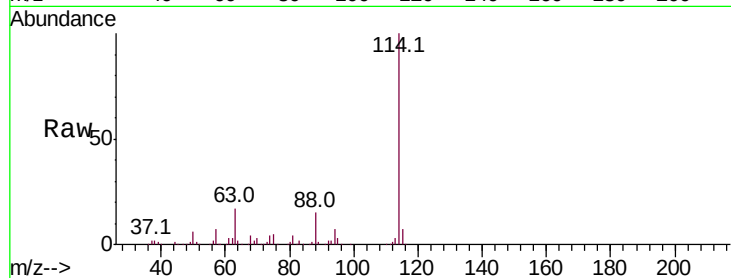
Tot Ion:114 Resp: 579194

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

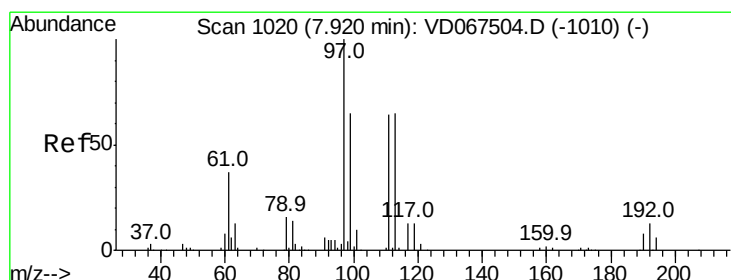
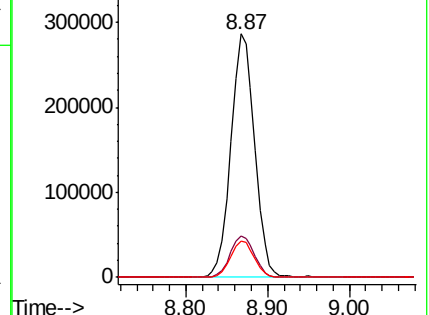
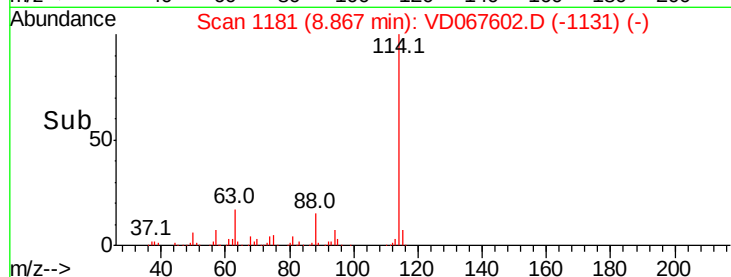
88 14.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.414 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD067602.D

Acq: 11 Nov 2020 15:08

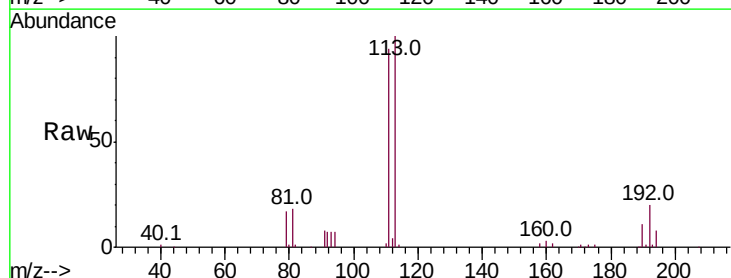
Tgt Ion:113 Resp: 186396

Ion Ratio Lower Upper

113 100

111 100.7 80.0 120.0

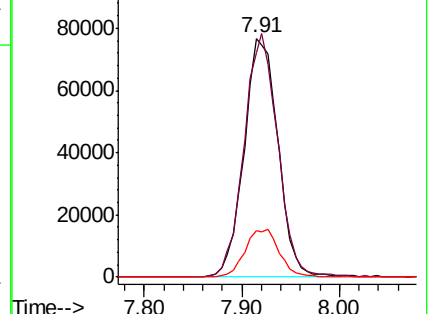
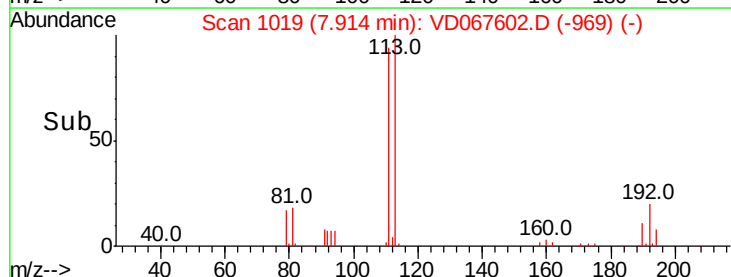
192 20.0 16.3 24.5

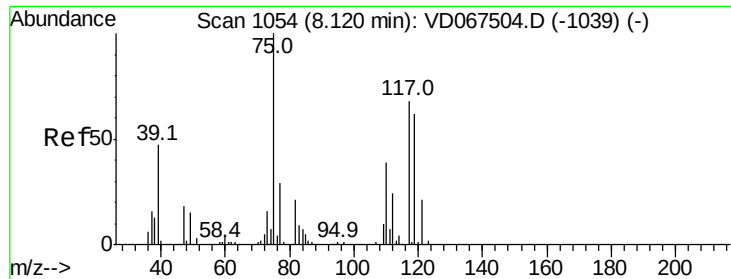


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.890 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067602.D

Acq: 11 Nov 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

EROC-SP-2

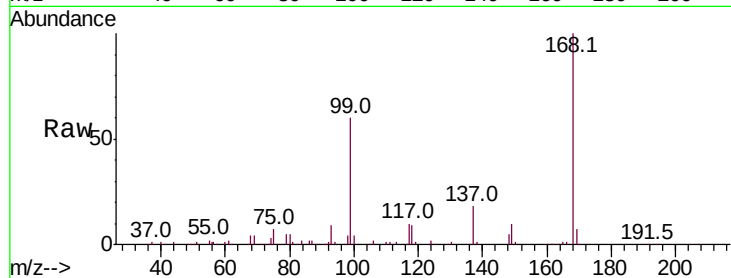
Tot Ion: 75 Resp: 24245

Ion Ratio Lower Upper

75 100

110 9.7 19.9 59.7#

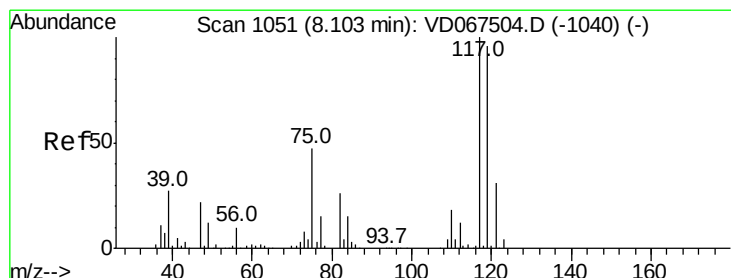
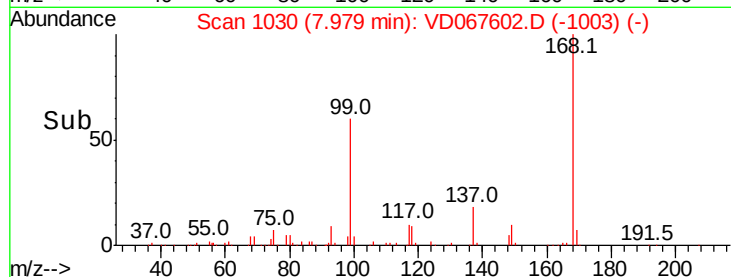
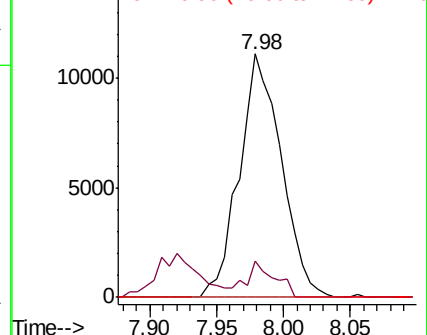
77 0.0 24.8 37.2#



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: 5.653 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD067602.D

Acq: 11 Nov 2020 15:08

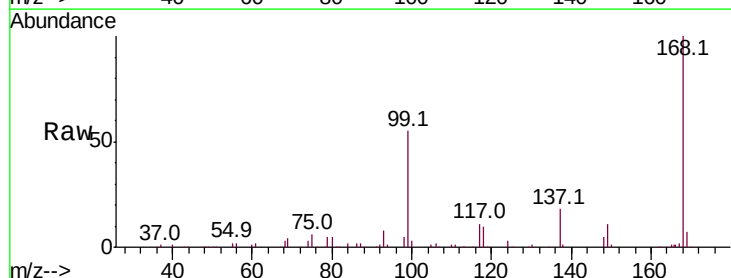
Tgt Ion: 117 Resp: 36412

Ion Ratio Lower Upper

117 100

119 3.8 76.9 115.3#

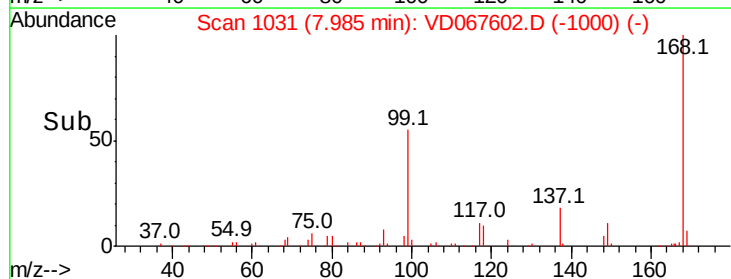
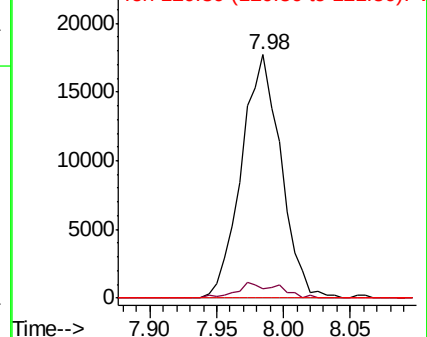
121 0.0 24.5 36.7#

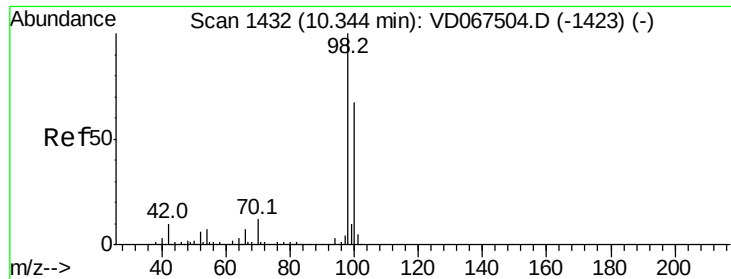


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

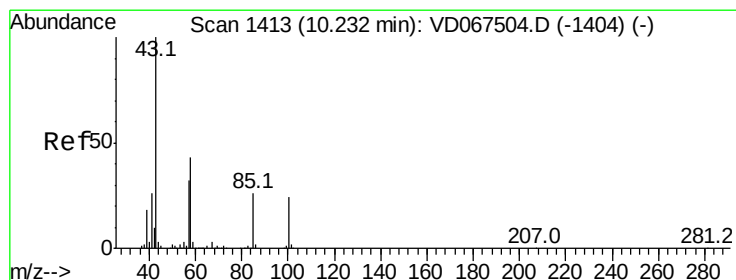
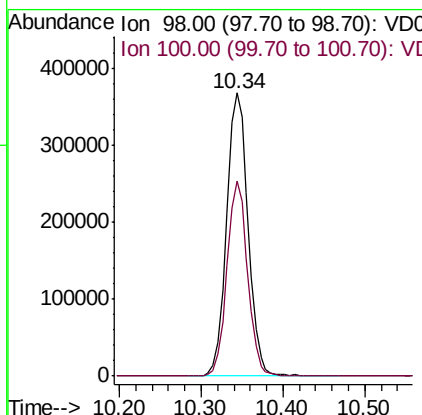
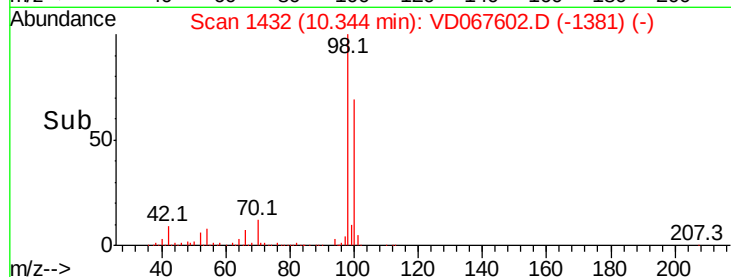
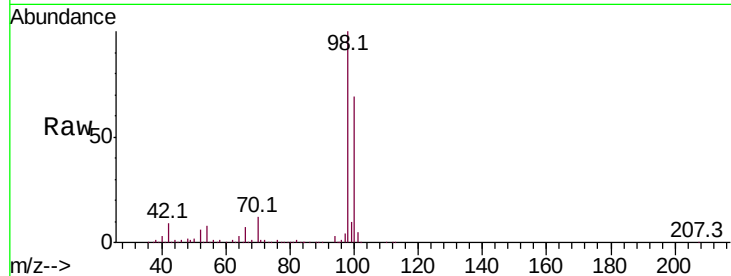




#50
Toluene-d8
Concen: 54.832 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067602.D
Acq: 11 Nov 2020 15:08

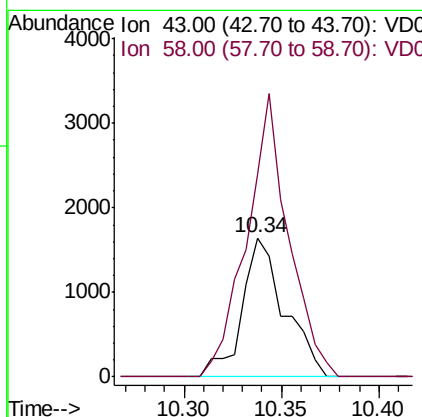
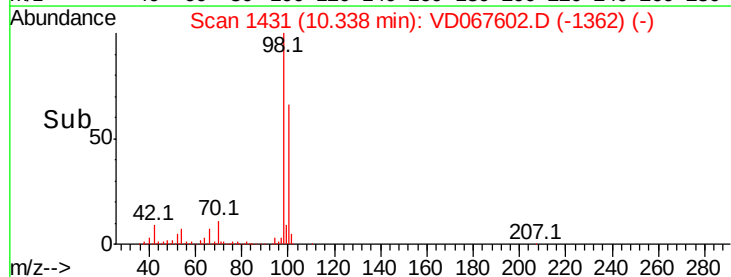
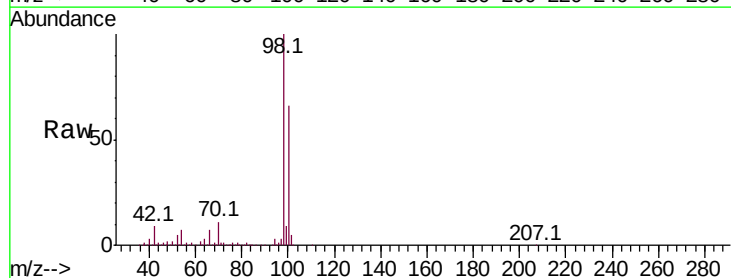
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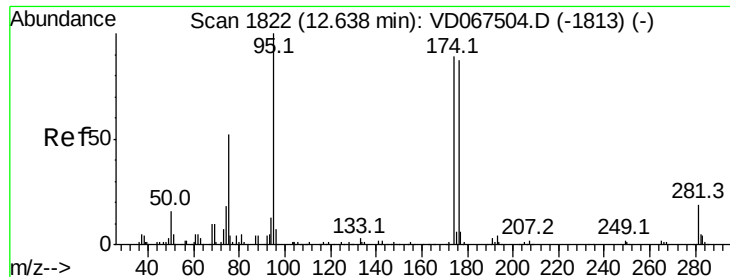
Tot Ion: 98 Resp: 672420
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 2.036 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.11 min
Lab File: VD067602.D
Acq: 11 Nov 2020 15:08

Tgt Ion: 43 Resp: 2479
Ion Ratio Lower Upper
43 100
58 200.7 35.6 53.4#





#62

4-Bromofluorobenzene

Concen: 60.798 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067602.D

Acq: 11 Nov 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

EROC-SP-2

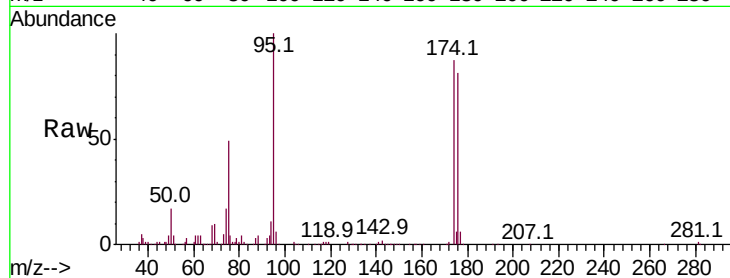
Tot Ion: 95 Resp: 257412

Ion Ratio Lower Upper

95 100

174 88.9 0.0 177.8

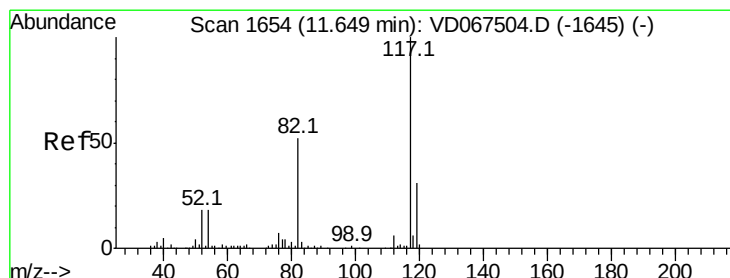
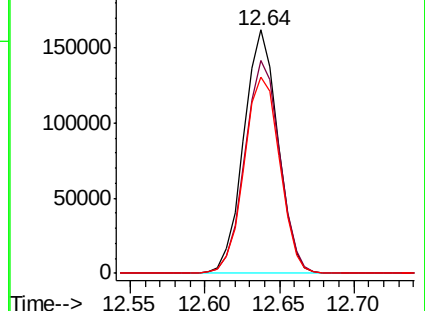
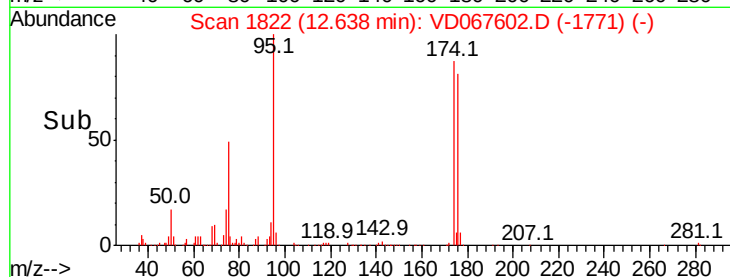
176 83.9 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067602.D

Acq: 11 Nov 2020 15:08

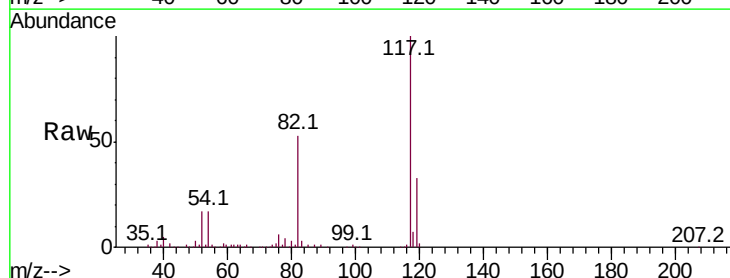
Tgt Ion: 117 Resp: 583343

Ion Ratio Lower Upper

117 100

82 52.8 41.6 62.4

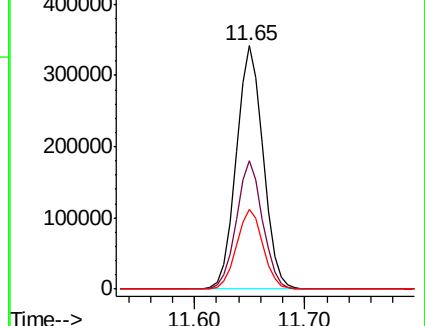
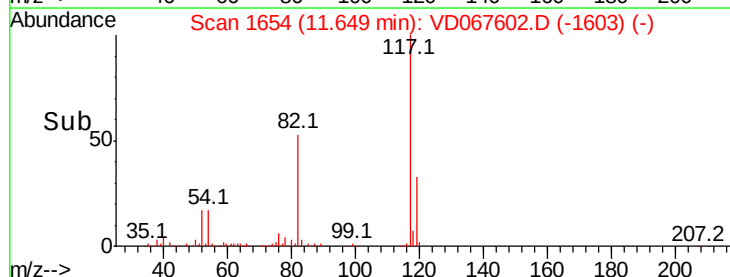
119 32.7 25.1 37.7

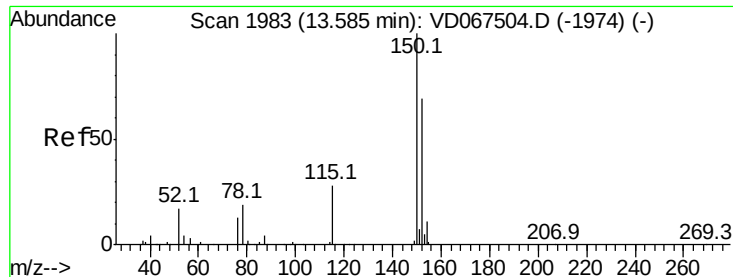


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067602.D

Acq: 11 Nov 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

EROC-SP-2

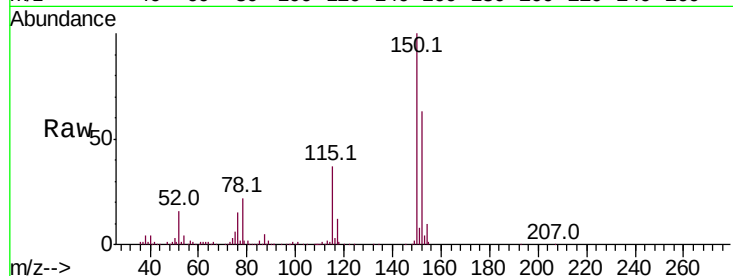
Tot Ion:152 Resp: 288659

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

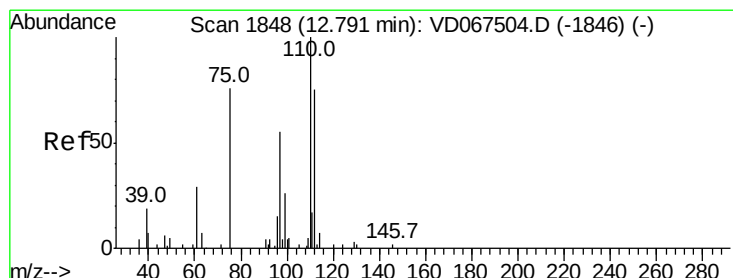
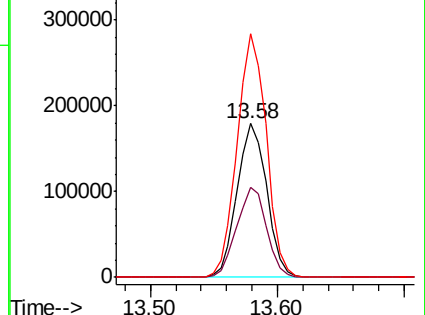
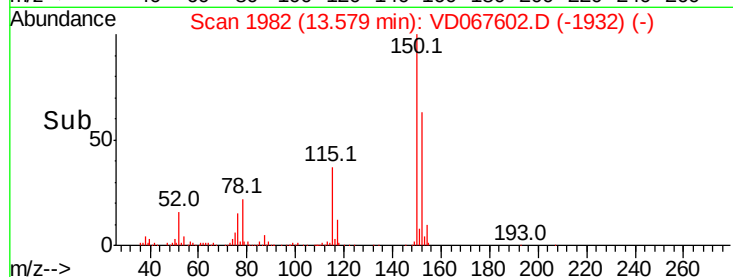
150 156.8 0.0 338.2



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: 74.683 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067602.D

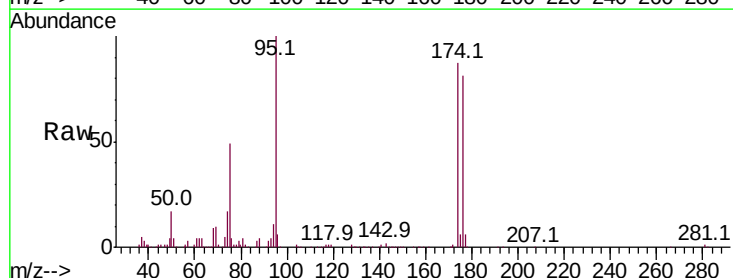
Acq: 11 Nov 2020 15:08

Tgt Ion: 75 Resp: 130050

Ion Ratio Lower Upper

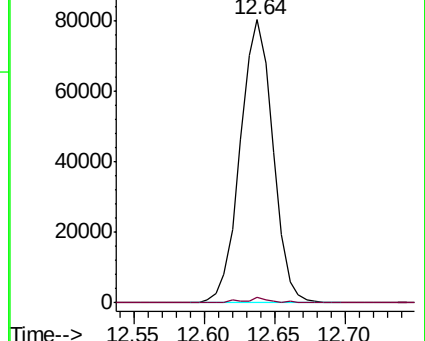
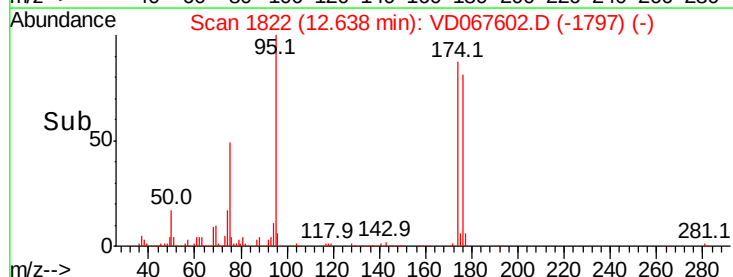
75 100

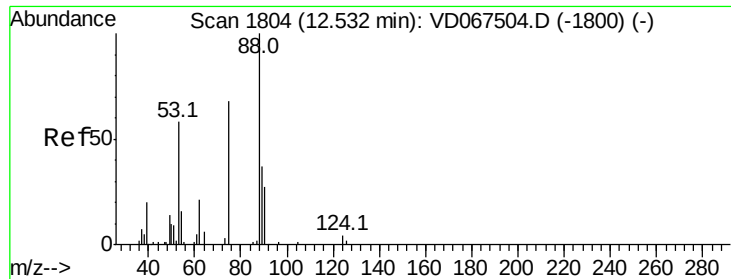
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 151.627 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067602.D

Acq: 11 Nov 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

EROC-SP-2

Tot Ion: 75 Resp: 130050

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#

