

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066502.D
 Acq On : 01 Sep 2020 18:01
 Operator : VA/SY
 Sample : L3851-16
 Misc : 7.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-78

Quant Time: Sep 02 01:07:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	163027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	236147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	212404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	103692	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	88828	55.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.16%	
35) Dibromofluoromethane	7.91	113	73423	49.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.44%	
50) Toluene-d8	10.34	98	270798	50.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.63	95	90058	46.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.94%	

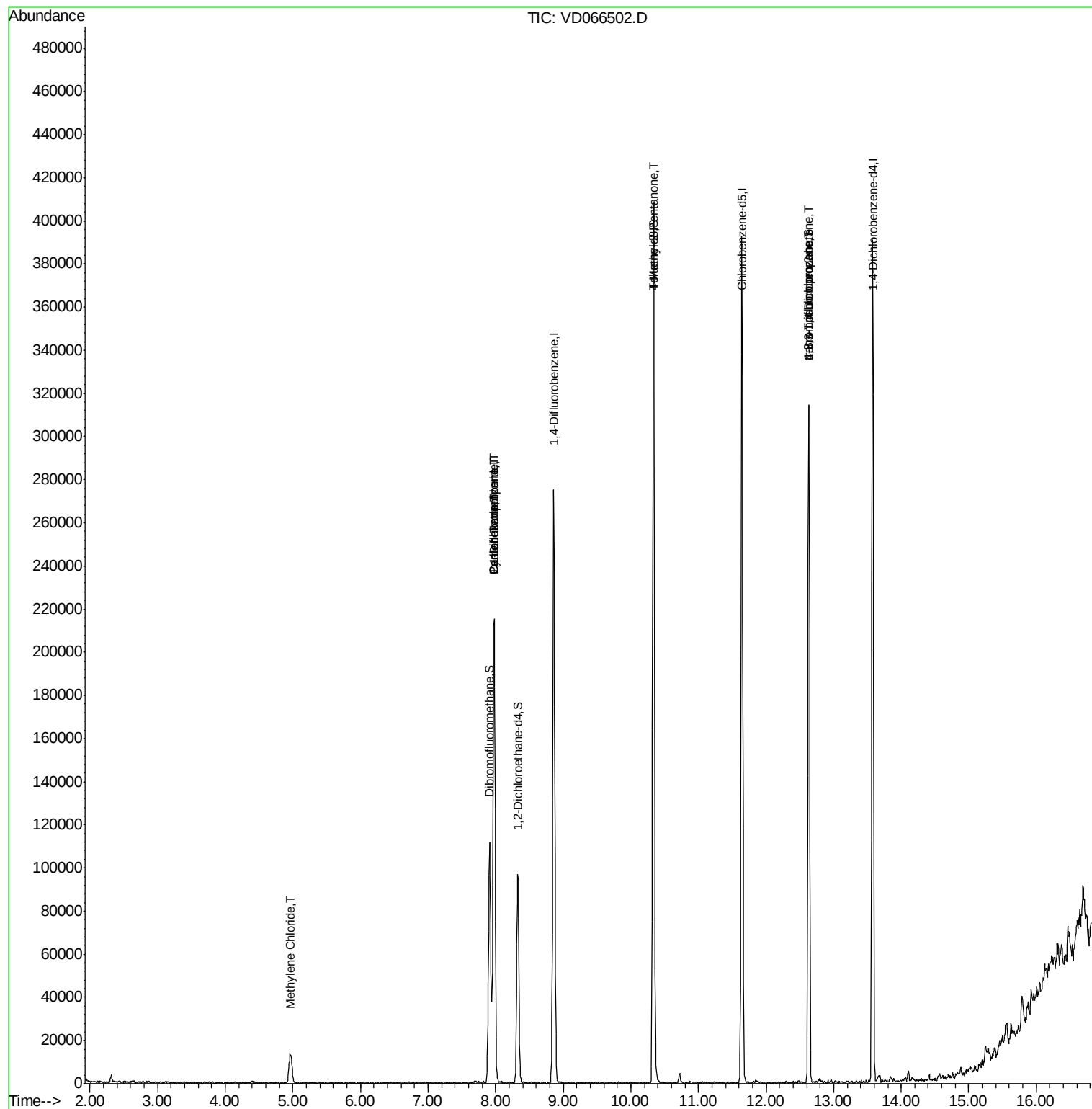
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.96	84	11153	1.043	ug/l	92
31) Cyclohexane	7.98	56	3773	1.700	ug/l #	44
36) 1,1-Dichloropropene	7.98	75	10339	4.798	ug/l #	52
38) Carbon Tetrachloride	7.98	117	16843	6.000	ug/l #	15
51) 4-Methyl-2-Pentanone	10.33	43	1329	1.868	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	55142	75.591	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	55142	160.455	ug/l #	6

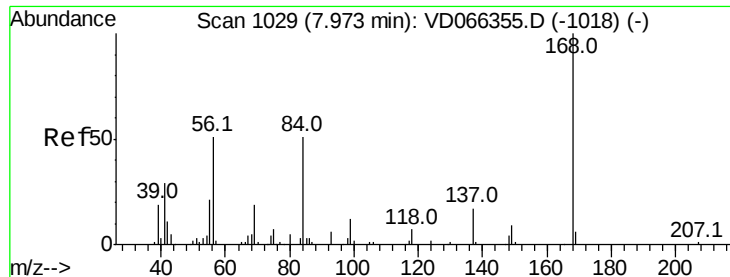
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090120\
Data File : VD066502.D
Acq On : 01 Sep 2020 18:01
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Misc : 7.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

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MSVOA_D
ClientSampleID :
RBR-78

Quant Time: Sep 02 01:07:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066502.D

Acq: 01 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

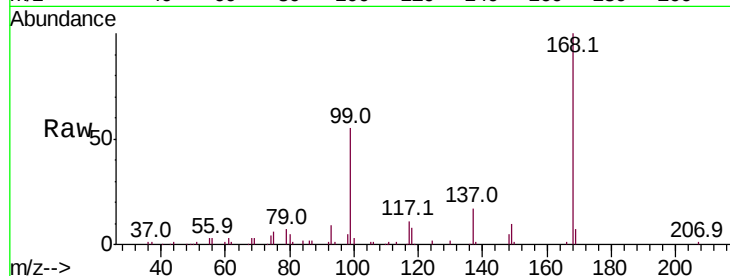
RBR-78

Tot Ion:168 Resp: 163027

Ion Ratio Lower Upper

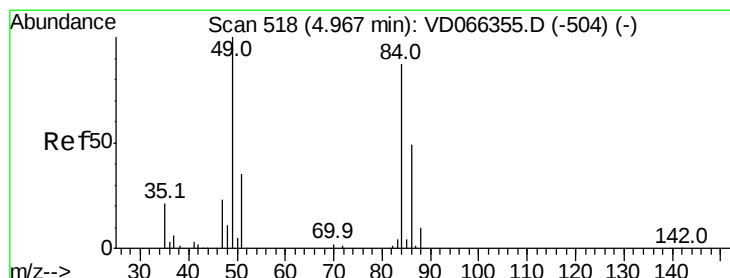
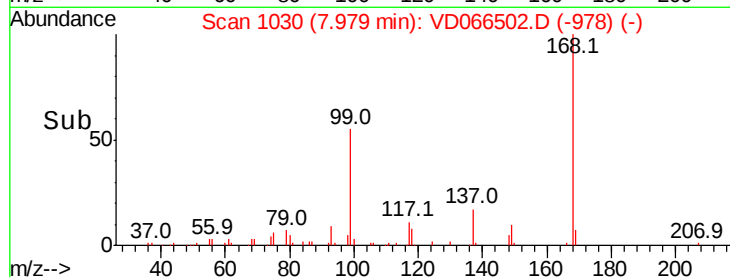
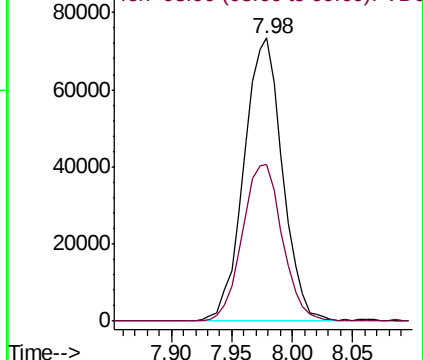
168 100

99 55.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 1.043 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066502.D

Acq: 01 Sep 2020 18:01

Tgt Ion: 84 Resp: 11153

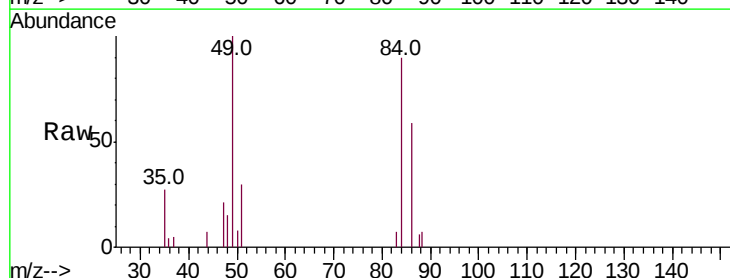
Ion Ratio Lower Upper

84 100

49 110.8 92.5 138.7

51 33.1 32.5 48.7

86 65.8 45.0 67.6

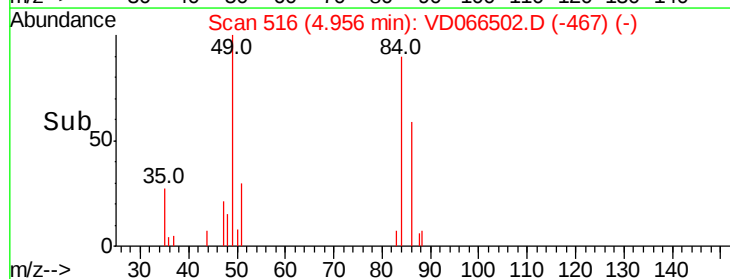
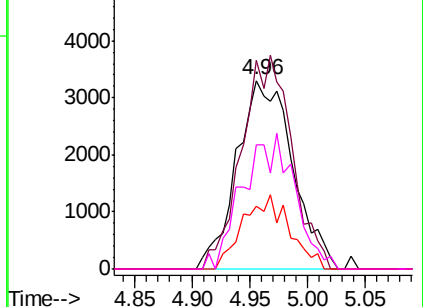


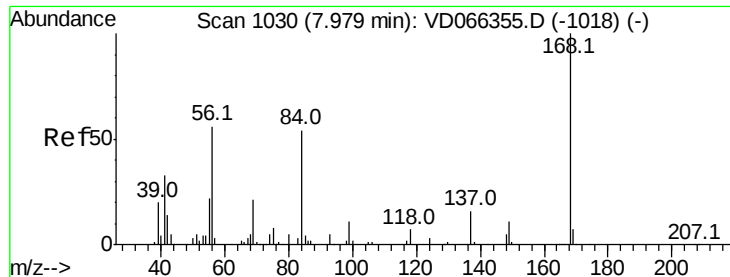
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

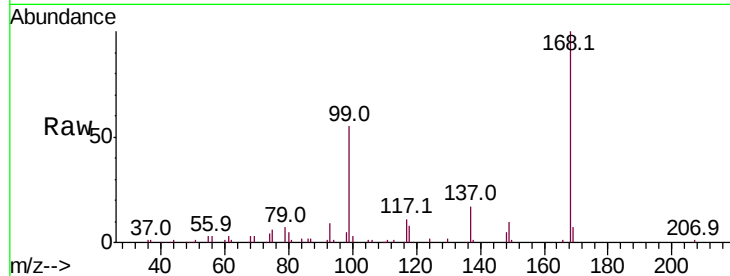




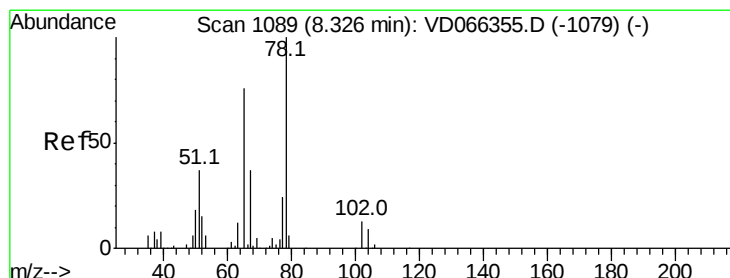
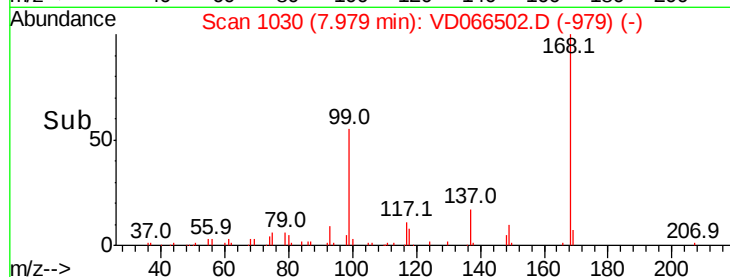
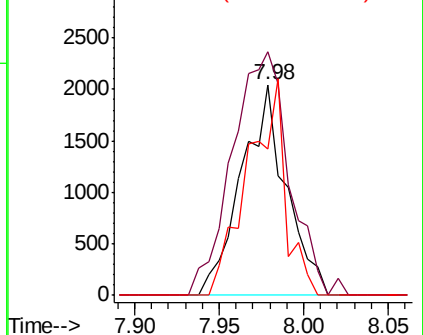
#31
Cyclohexane
Concen: 1.700 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066502.D
Acq: 01 Sep 2020 18:01

Instrument :
MSVOA_D
ClientSampleId :
RBR-78

Tot Ion: 56 Resp: 3773
Ion Ratio Lower Upper
56 100
69 115.5 29.6 44.4#
84 69.7 76.6 115.0#

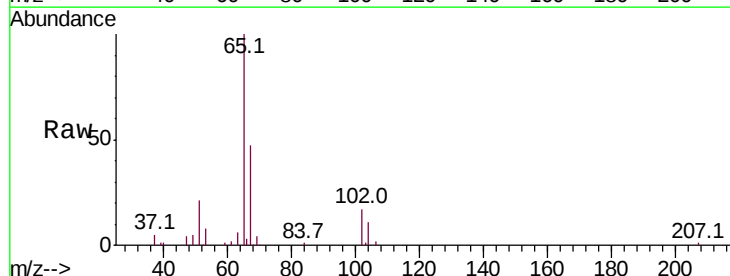


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

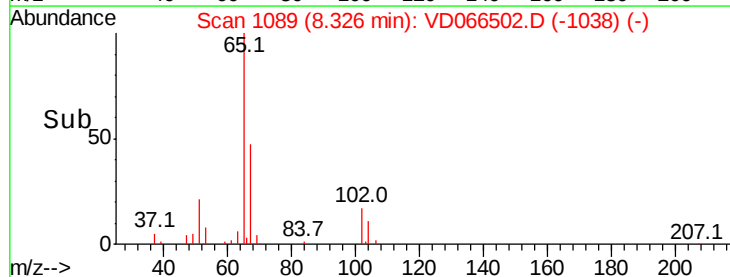
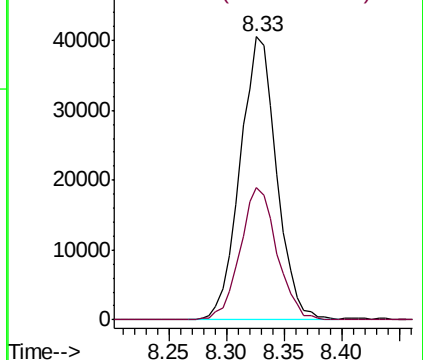


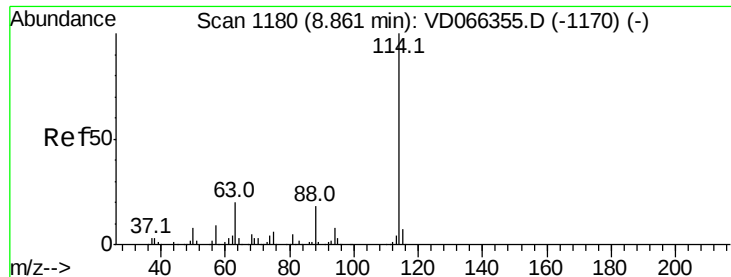
#33
1,2-Dichloroethane-d4
Concen: 55.576 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VD066502.D
Acq: 01 Sep 2020 18:01

Tgt Ion: 65 Resp: 88828
Ion Ratio Lower Upper
65 100
67 47.1 0.0 101.6



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

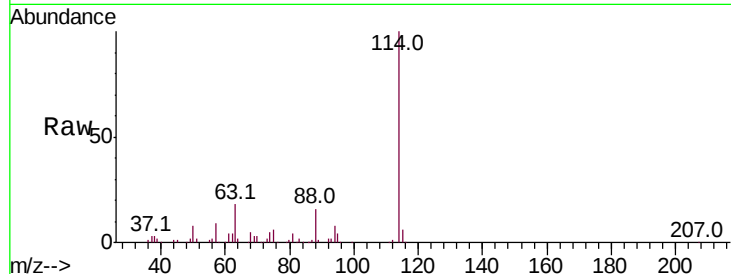




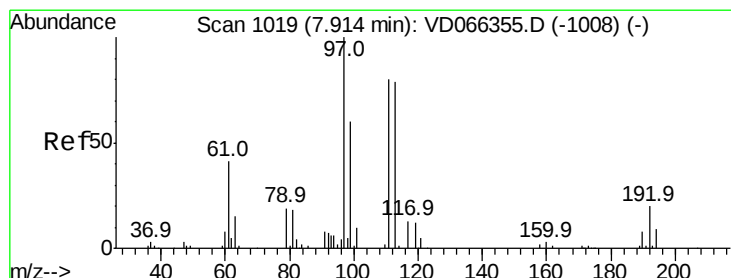
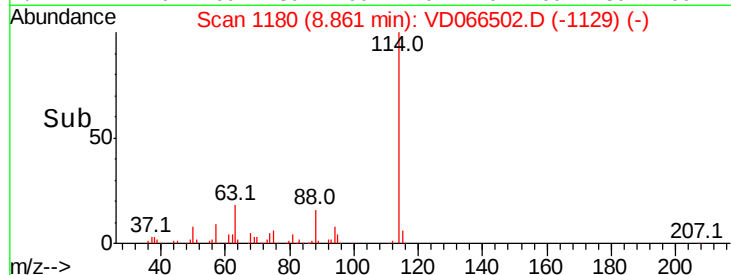
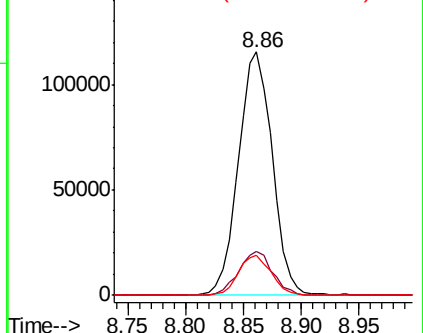
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066502.D
 Acq: 01 Sep 2020 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-78

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	40.8
88	16.3	0.0	35.4

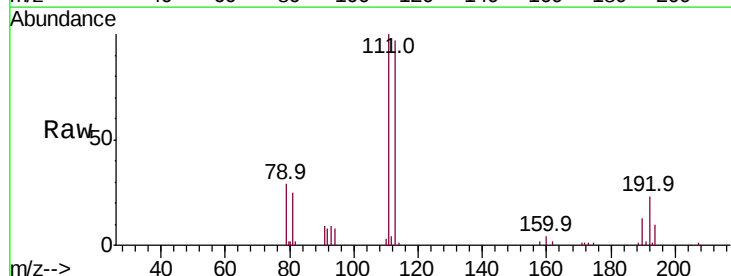


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

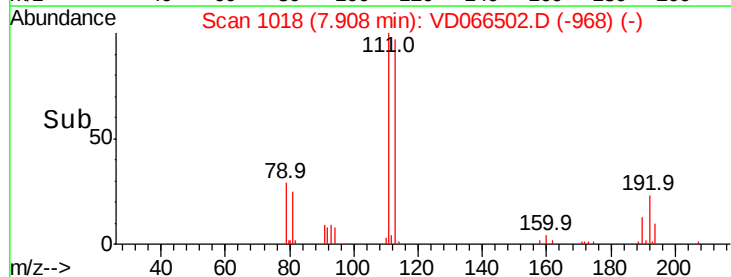
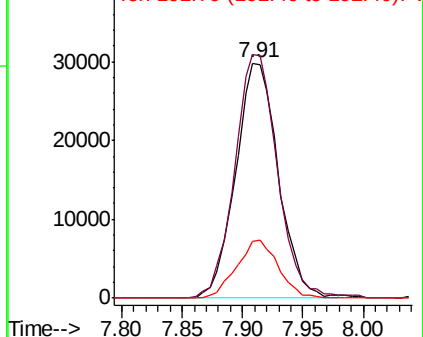


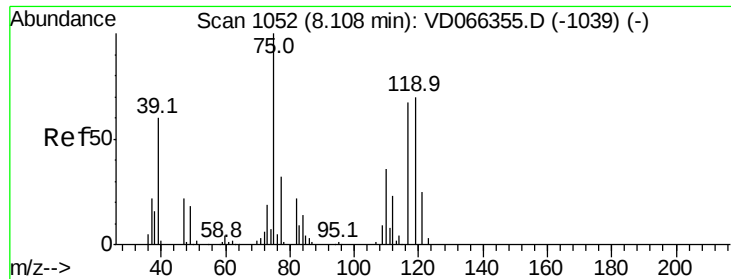
#35
 Dibromofluoromethane
 Concen: 49.723 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066502.D
 Acq: 01 Sep 2020 18:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.3	120.5
192	23.9	19.0	28.6



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

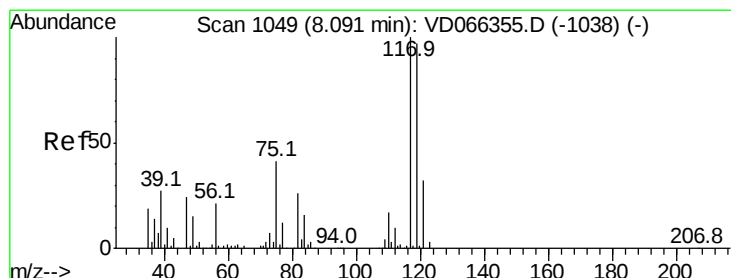
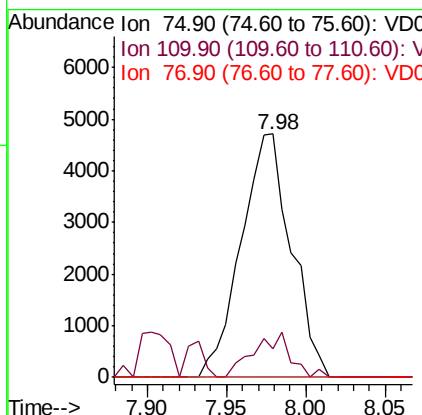
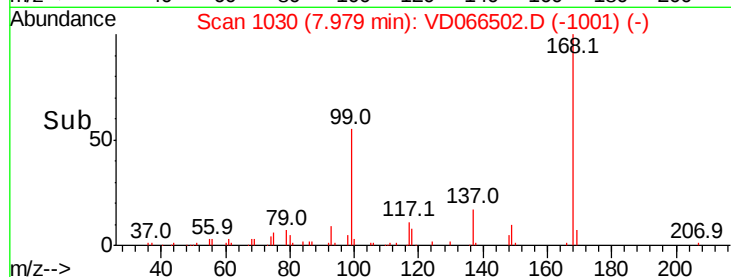
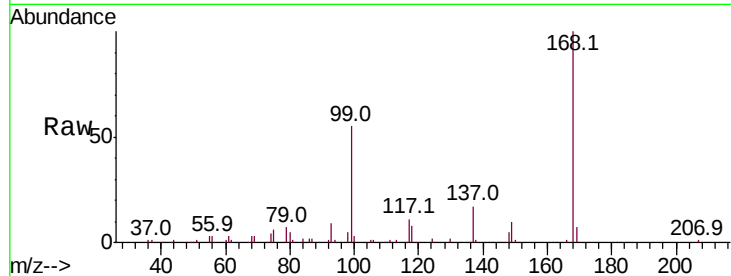




#36
 1,1-Dichloropropene
 Concen: 4.798 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.13 min
 Lab File: VD066502.D
 Acq: 01 Sep 2020 18:01

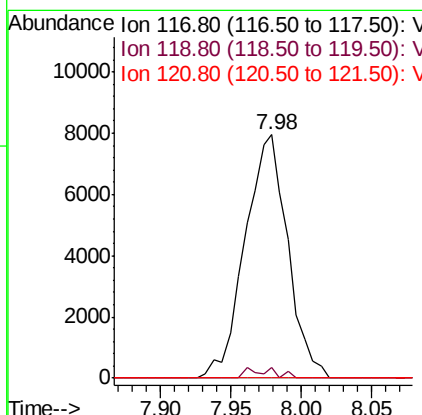
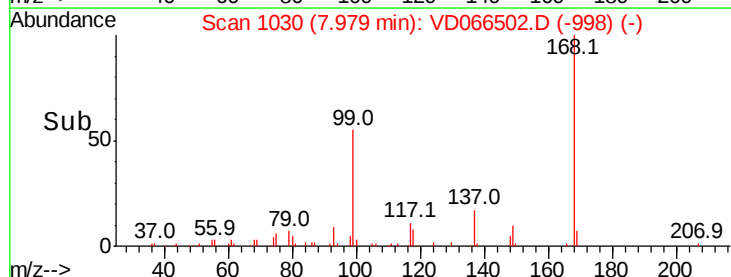
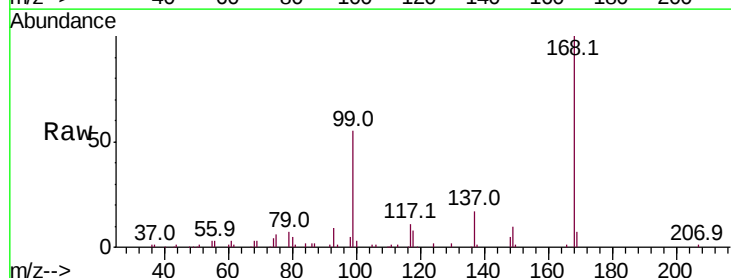
Instrument :
 MSVOA_D
 ClientSampled :
 RBR-78

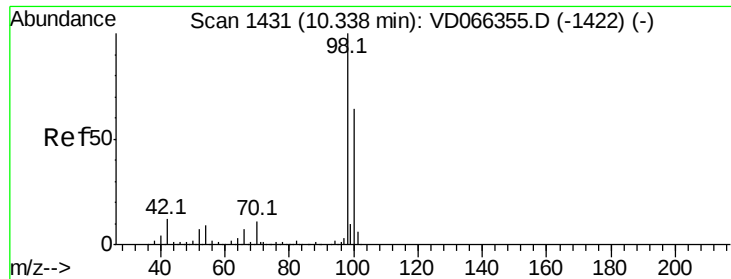
Tot Ion: 75 Resp: 10339
 Ion Ratio Lower Upper
 75 100
 110 13.5 18.7 56.1#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 6.000 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: VD066502.D
 Acq: 01 Sep 2020 18:01

Tgt Ion: 117 Resp: 16843
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.2 115.8#
 121 0.0 25.8 38.8#

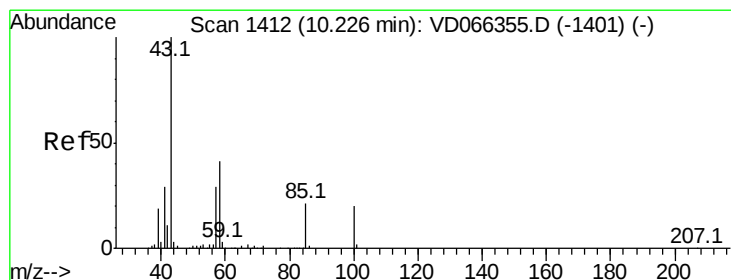
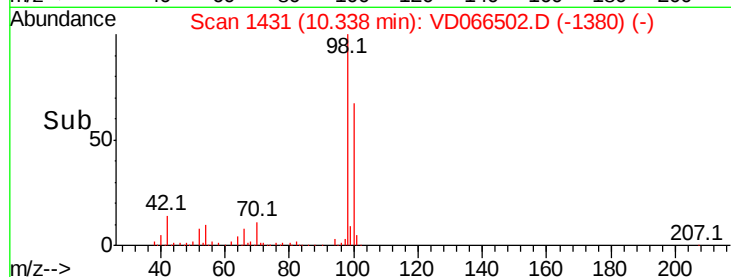
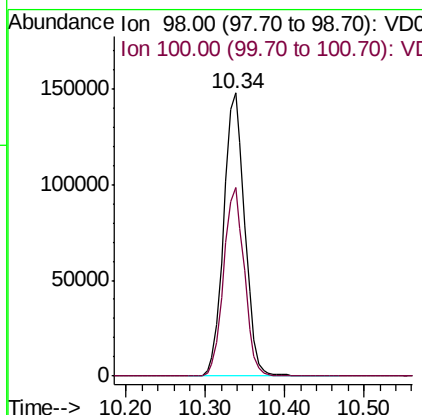
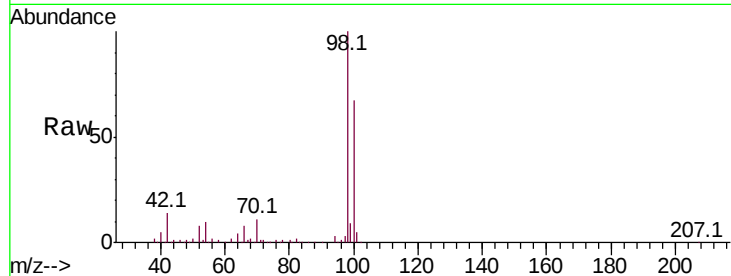




#50
Toluene-d8
Concen: 50.121 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066502.D
Acq: 01 Sep 2020 18:01

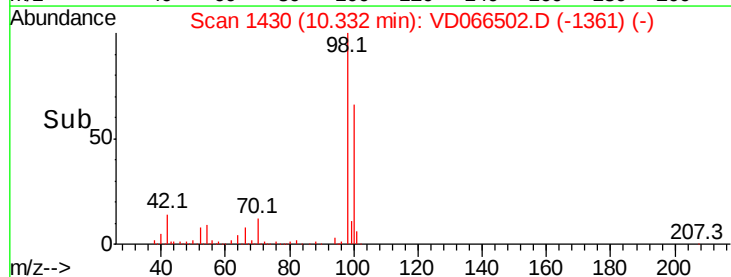
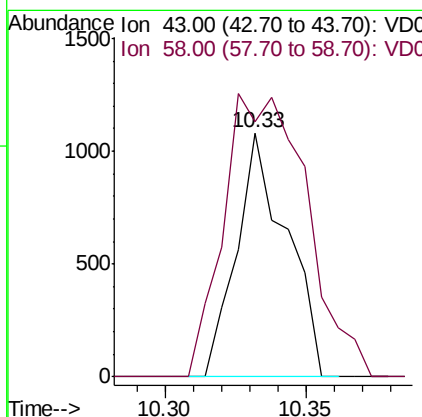
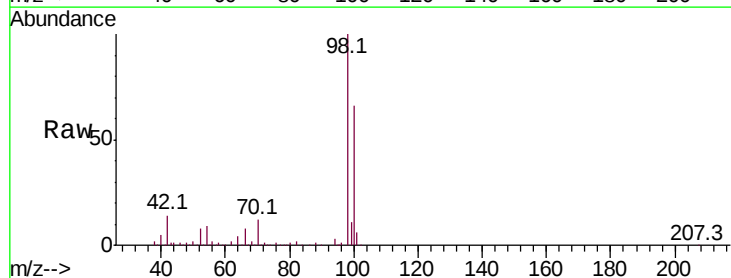
Instrument :
MSVOA_D
ClientSampleId :
RBR-78

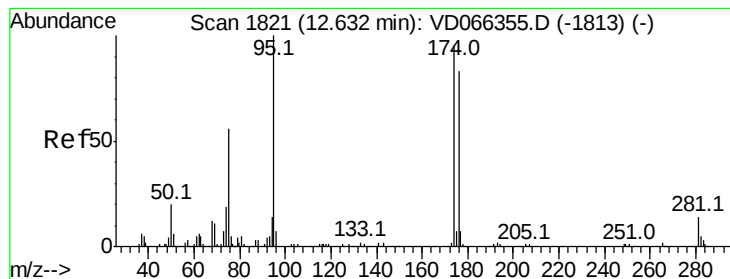
Tot Ion: 98 Resp: 270798
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.868 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. 0.11 min
Lab File: VD066502.D
Acq: 01 Sep 2020 18:01

Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
58 192.5 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 46.975 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066502.D

Acq: 01 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

RBR-78

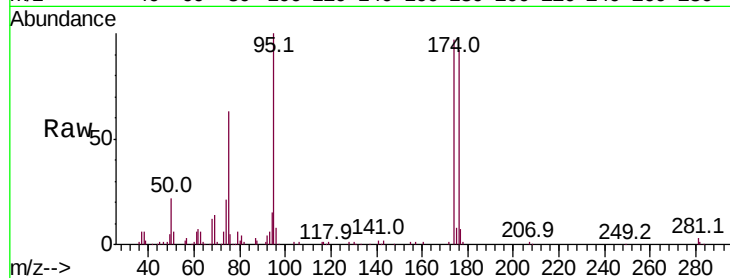
Tot Ion: 95 Resp: 90058

Ion Ratio Lower Upper

95 100

174 97.0 0.0 183.4

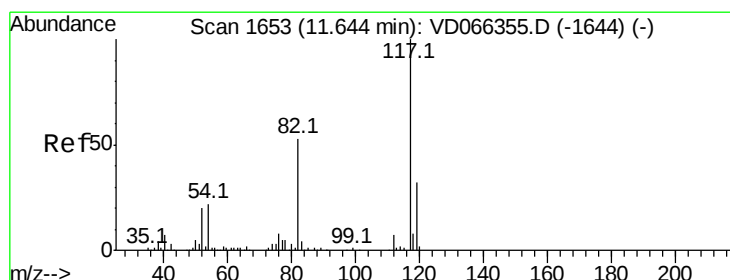
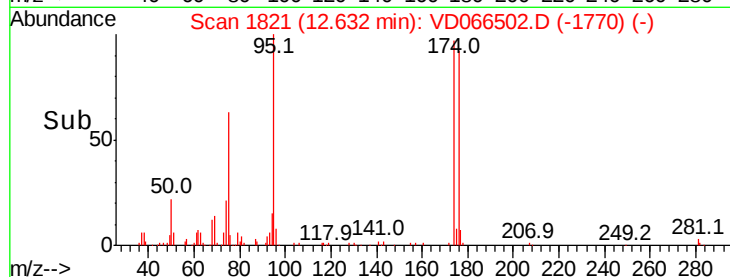
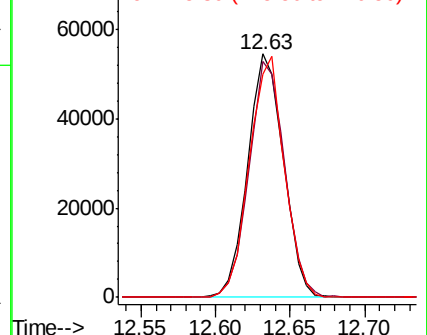
176 97.0 0.0 173.8



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: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066502.D

Acq: 01 Sep 2020 18:01

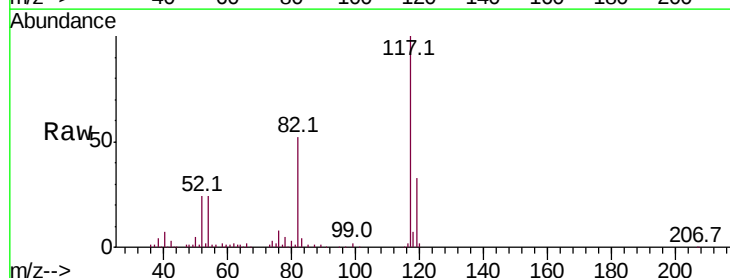
Tgt Ion: 117 Resp: 212404

Ion Ratio Lower Upper

117 100

82 52.4 42.8 64.2

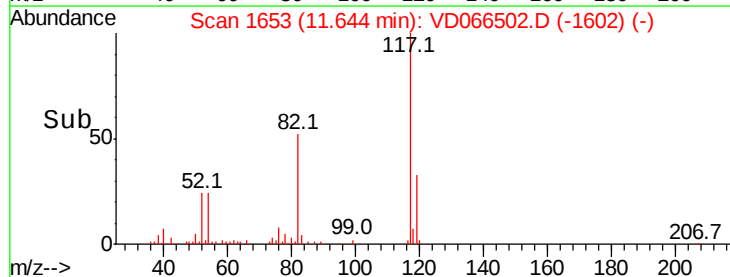
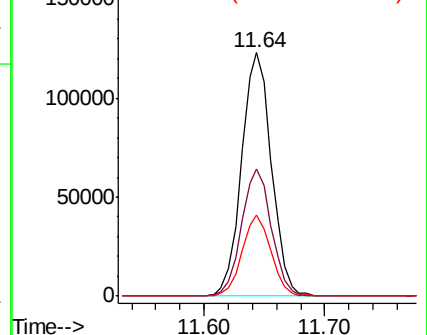
119 33.2 25.8 38.8

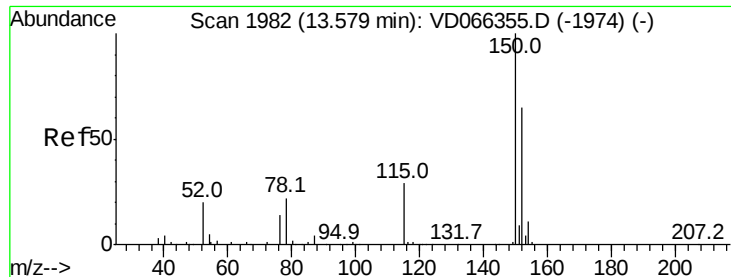


Abundance Ion 116.90 (116.60 to 117.60): V

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. -0.00 min

Lab File: VD066502.D

Acq: 01 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampled :

RBR-78

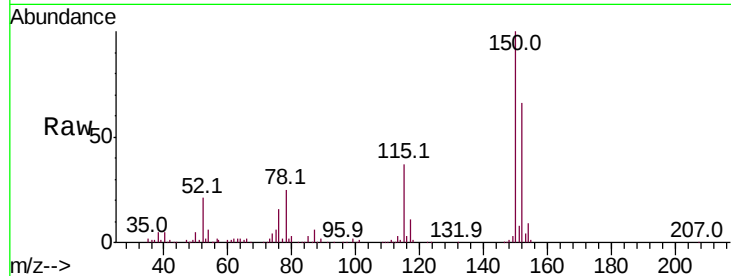
Tot Ion:152 Resp: 103692

Ion Ratio Lower Upper

152 100

115 57.1 28.3 85.0

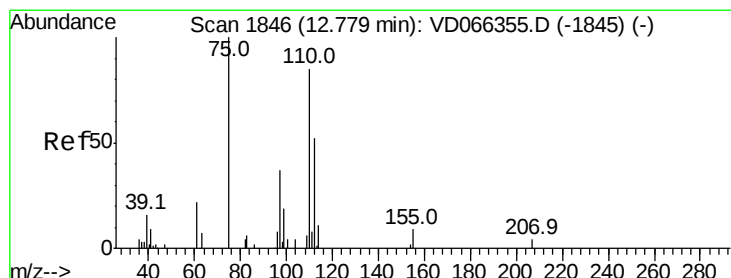
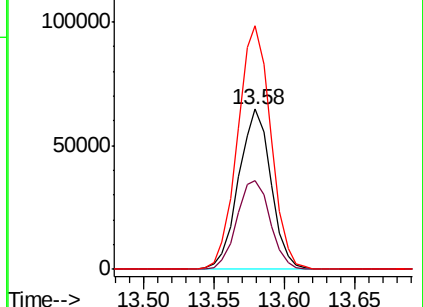
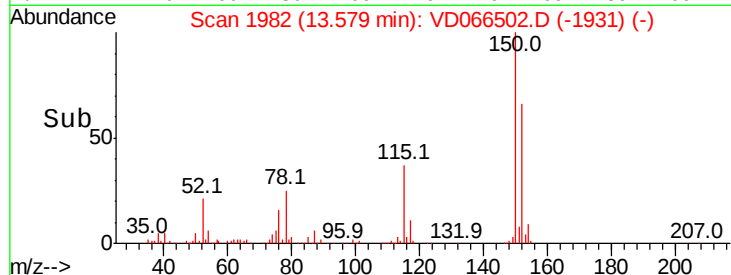
150 156.1 0.0 343.2



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: 75.591 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066502.D

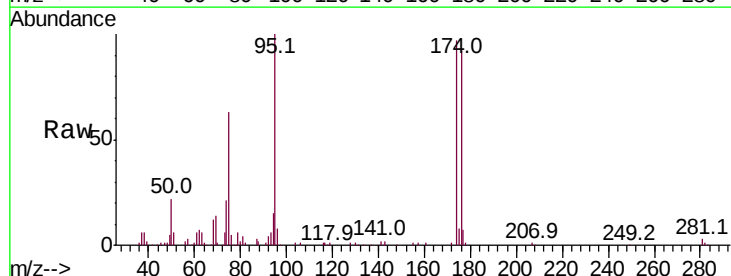
Acq: 01 Sep 2020 18:01

Tgt Ion: 75 Resp: 55142

Ion Ratio Lower Upper

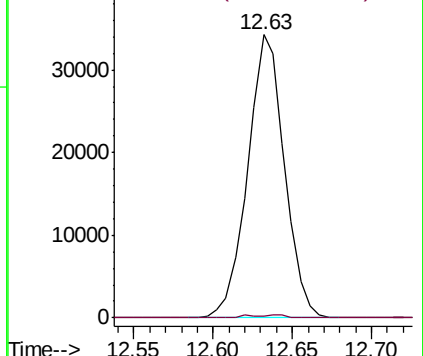
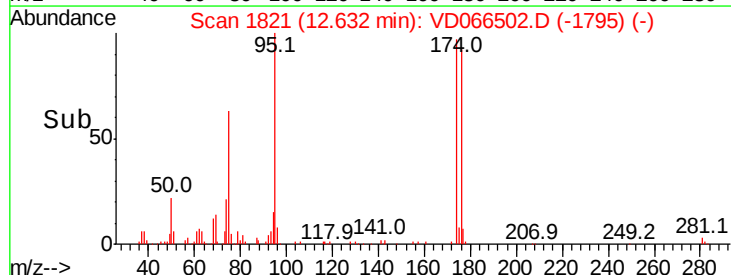
75 100

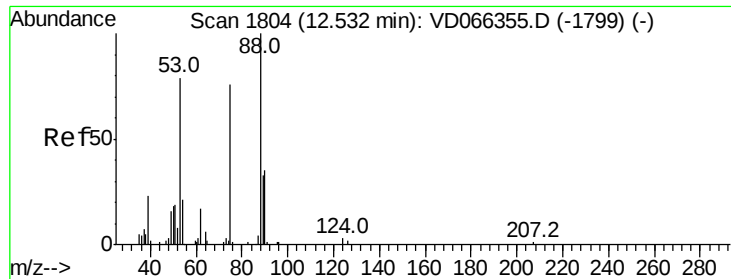
77 0.9 182.9 548.9#



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: 160.455 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066502.D

Acq: 01 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

RBR-78

Tot Ion: 75 Resp: 55142

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.2#

89 0.0 39.4 59.0#

