

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067606.D
 Acq On : 11 Nov 2020 16:58
 Operator : VA/SY
 Sample : L4718-01
 Misc : 5.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-38-1-WC

Quant Time: Nov 12 00:10:36 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

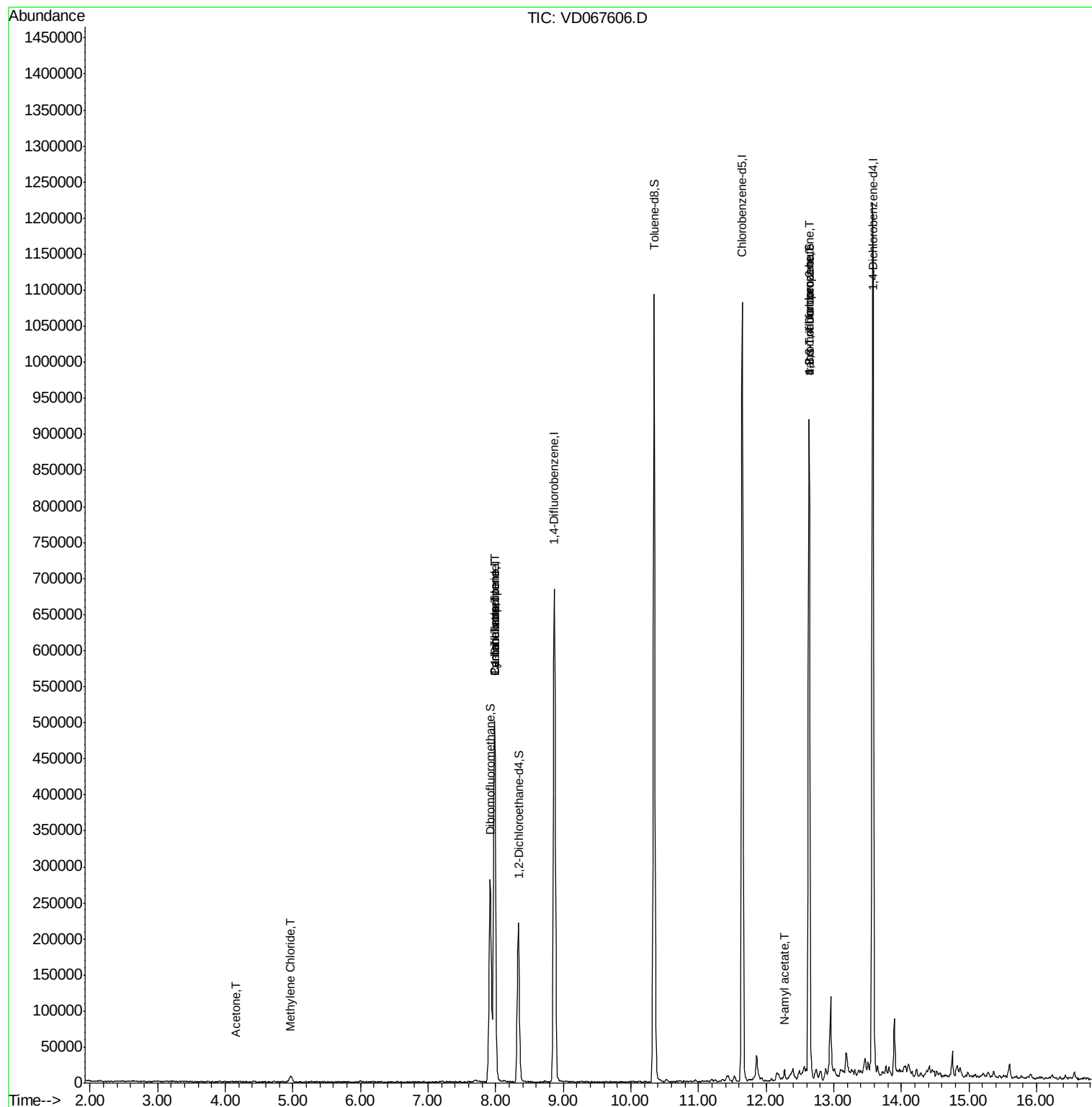
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	392473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	631740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	658337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	339208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	184042	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
35) Dibromofluoromethane	7.92	113	202821	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
50) Toluene-d8	10.34	98	752956	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.64	95	308069	66.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.98	85	185	Below Cal	#	44
11) Tert butyl alcohol	5.23	59	58	Below Cal	#	79
16) Acetone	4.16	43	637	1.240	ug/l #	43
20) Methylene Chloride	4.97	84	7098	1.957	ug/l	92
31) Cyclohexane	7.98	56	7078	1.422	ug/l #	5
36) 1,1-Dichloropropene	7.98	75	26880	4.971	ug/l #	48
38) Carbon Tetrachloride	7.98	117	39468	5.617	ug/l #	18
74) N-amyl acetate	12.28	43	3393	1.176	ug/l #	74
76) 1,2,3-Trichloropropane	12.64	75	153741	75.131	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	153741	152.537	ug/l #	10

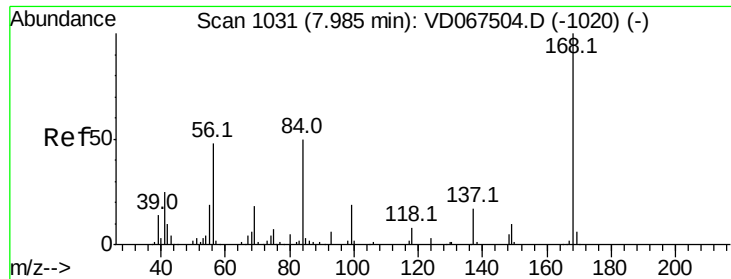
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
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Quant Time: Nov 12 00:10:36 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: VD067606.D

Acq: 11 Nov 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

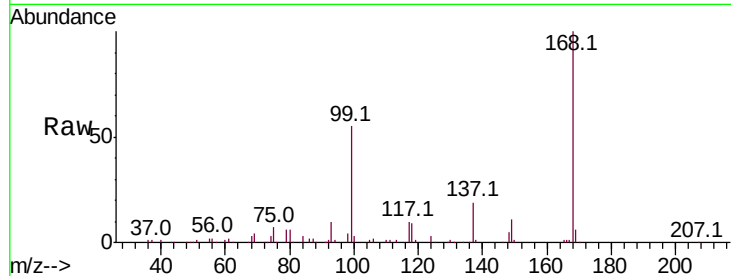
R-LA-38-1-WC

Tot Ion:168 Resp: 392473

Ion Ratio Lower Upper

168 100

99 55.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

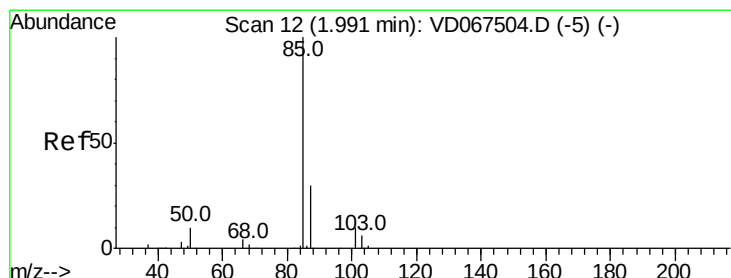
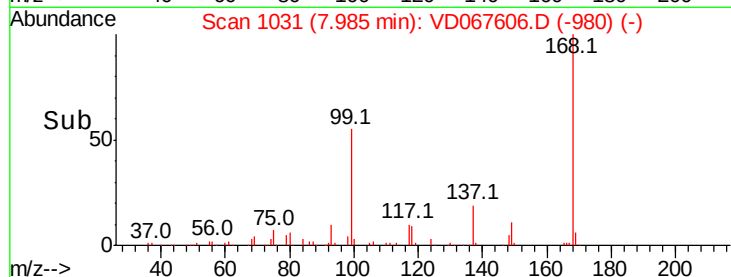
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067606.D

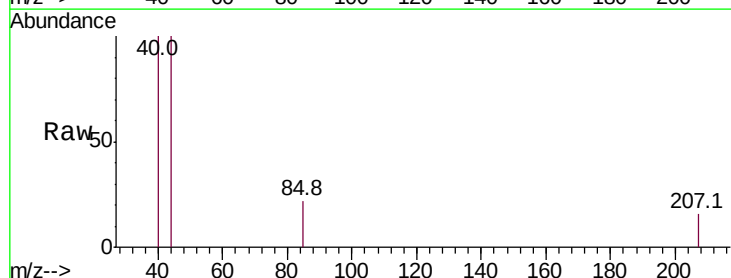
Acq: 11 Nov 2020 16:58

Tgt Ion: 85 Resp: 185

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

1.98

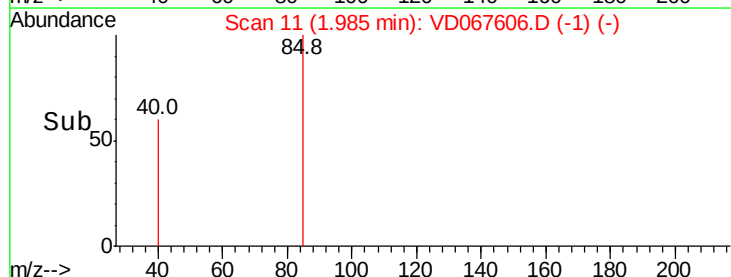
300

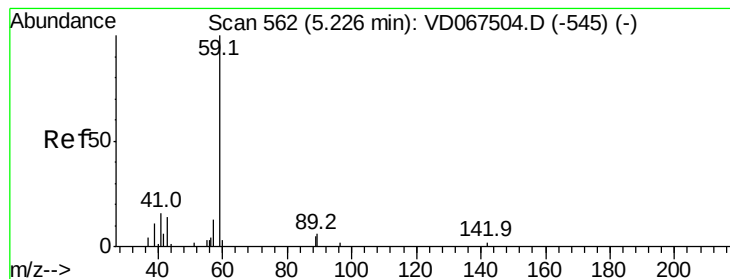
200

100

0

Time-->



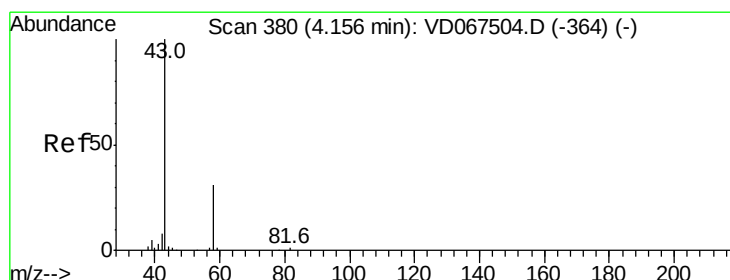
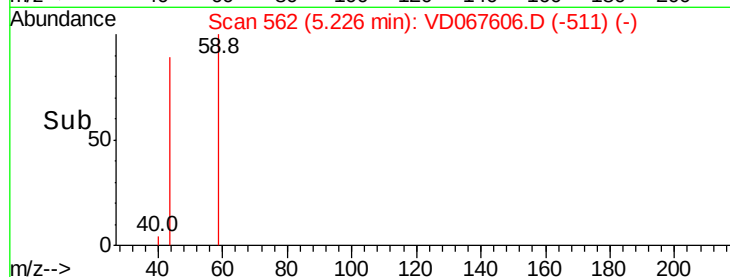
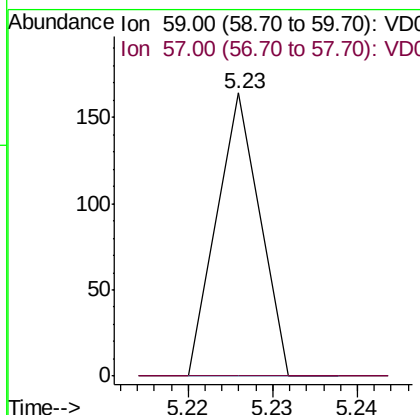
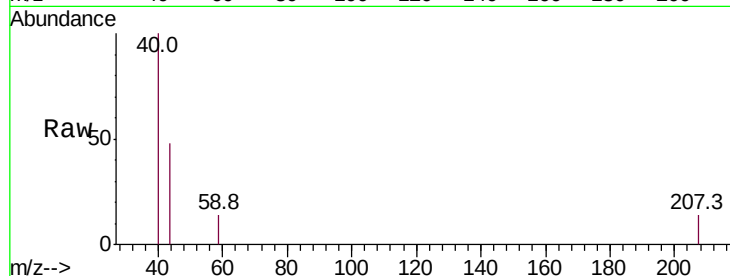


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: VD067606.D
 Acq: 11 Nov 2020 16:58

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-38-1-WC

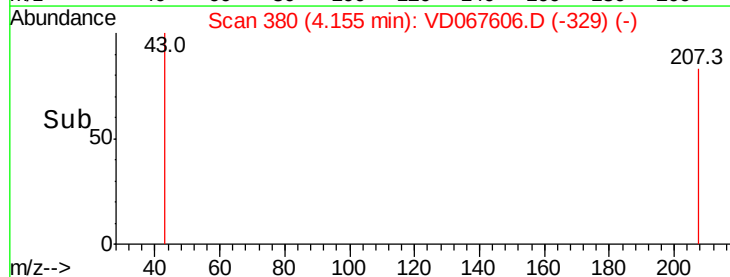
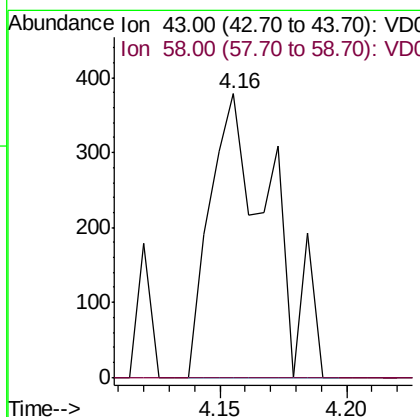
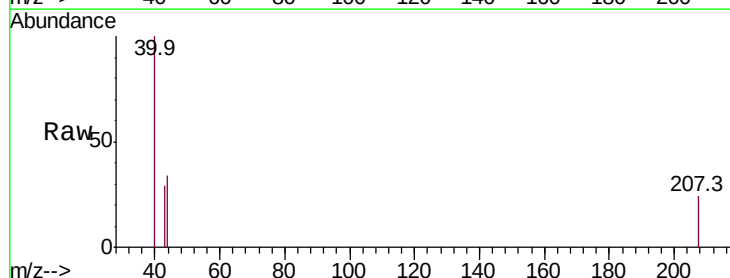
Tot Ion: 59 Resp: 58
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

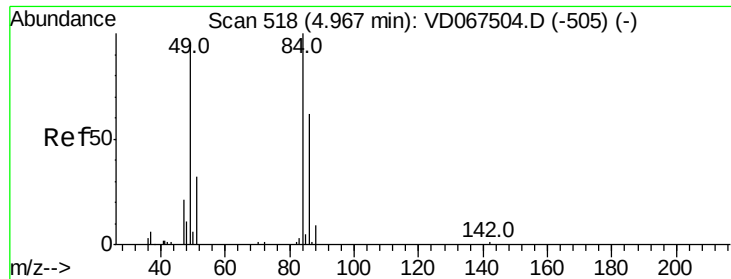


#16

Acetone
 Concen: 1.240 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD067606.D
 Acq: 11 Nov 2020 16:58

Tgt Ion: 43 Resp: 637
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.2 37.8#





#20

Methvlene Chloride

Concen: 1.957 ug/l

RT: 4.97 min Scan# 518

Delta R.T. -0.00 min

Lab File: VD067606.D

Acq: 11 Nov 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

R-LA-38-1-WC

Tot Ion: 84 Resp: 7098

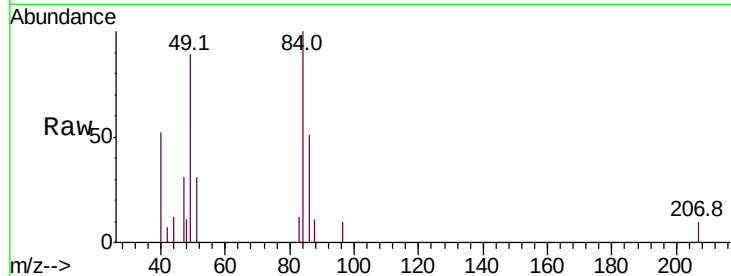
Ion Ratio Lower Upper

84 100

49 89.1 77.0 115.4

51 30.8 25.4 38.2

86 51.0 49.4 74.0

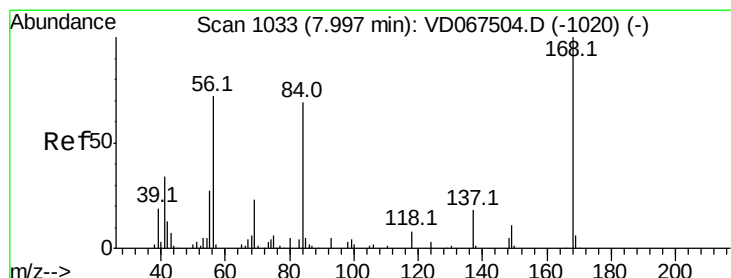
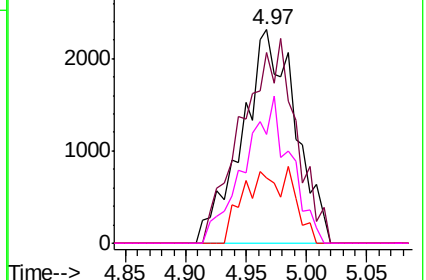
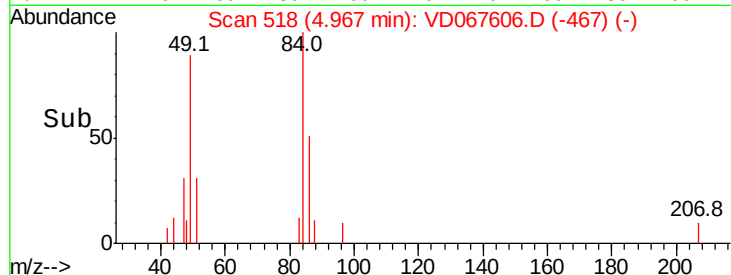


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.422 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VD067606.D

Acq: 11 Nov 2020 16:58

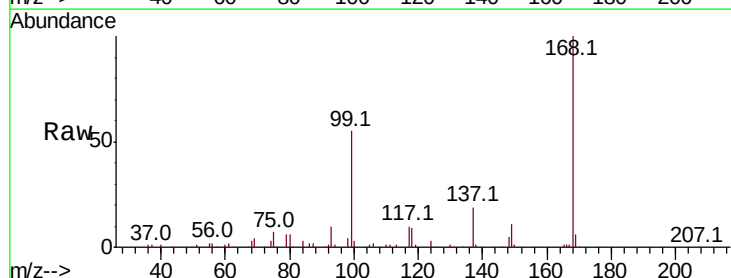
Tgt Ion: 56 Resp: 7078

Ion Ratio Lower Upper

56 100

69 190.8 25.9 38.9#

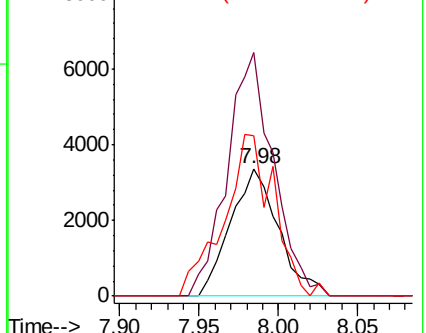
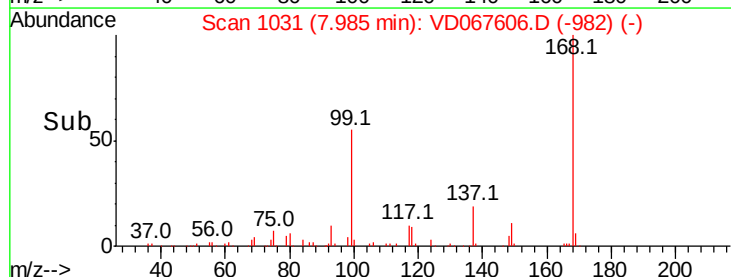
84 125.8 76.2 114.4#

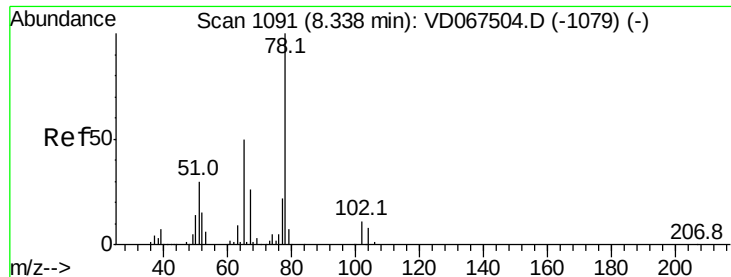


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

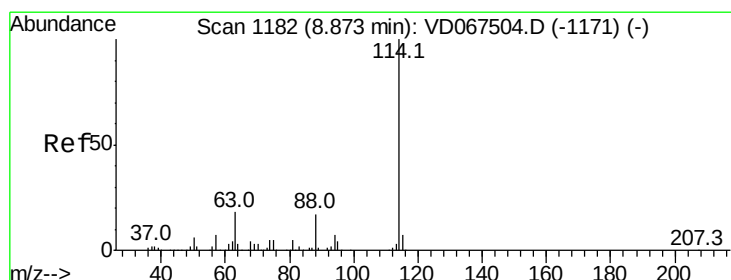
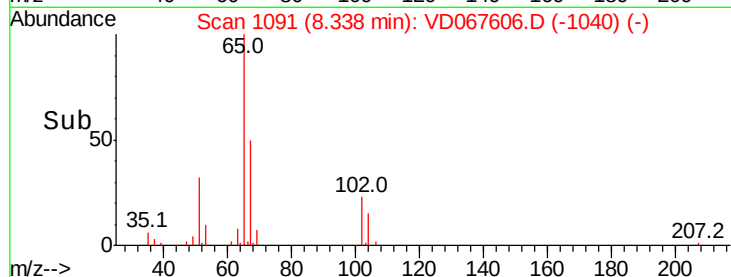
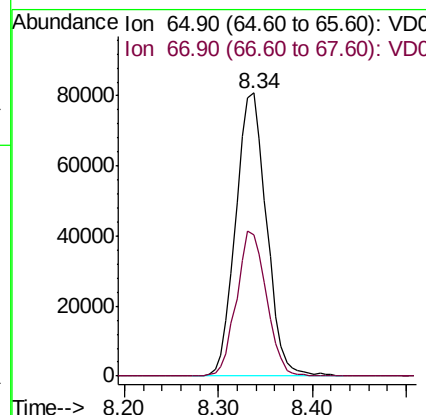
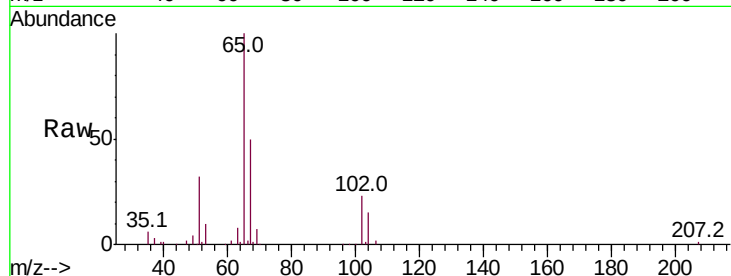




#33
 1,2-Dichloroethane-d4
 Concen: 53.629 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD067606.D
 Acq: 11 Nov 2020 16:58

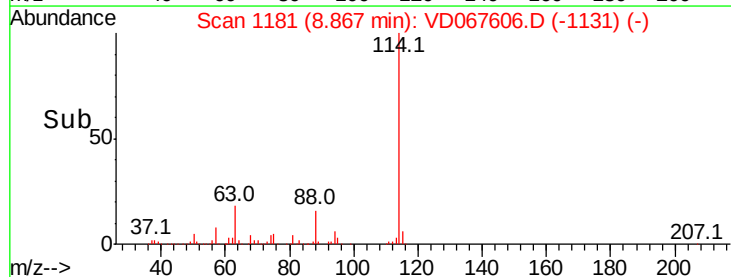
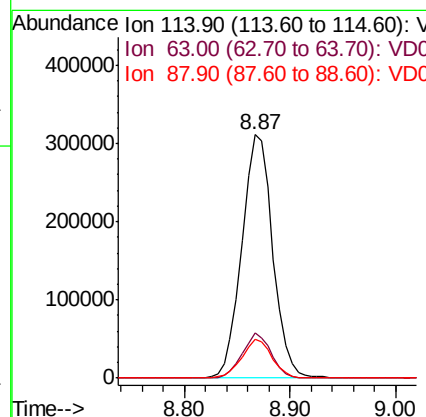
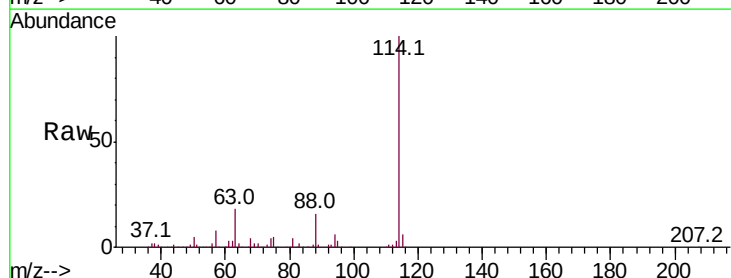
Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-38-1-WC

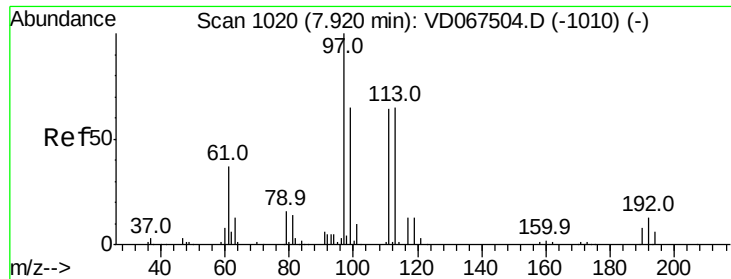
Tot Ion: 65 Resp: 184042
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067606.D
 Acq: 11 Nov 2020 16:58

Tgt Ion: 114 Resp: 631740
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.0
 88 15.9 0.0 33.0

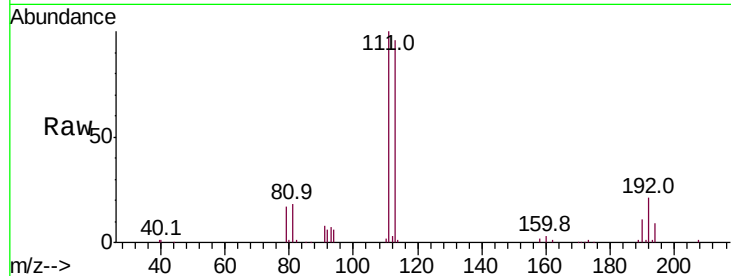




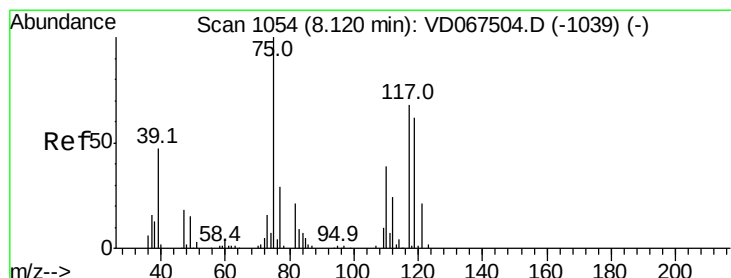
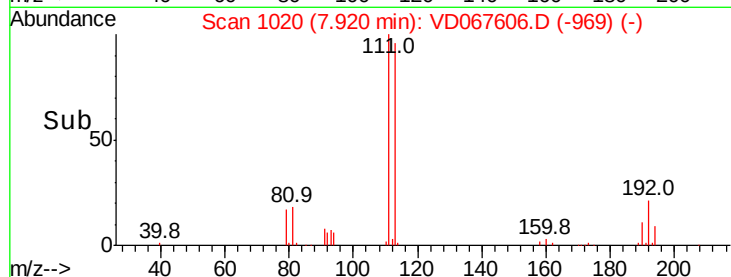
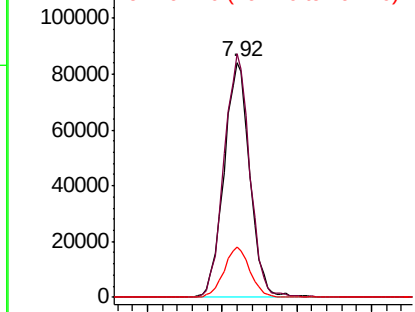
#35
 Dibromofluoromethane
 Concen: 53.287 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067606.D
 Acq: 11 Nov 2020 16:58

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-38-1-WC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.0	120.0
192	21.3	16.3	24.5

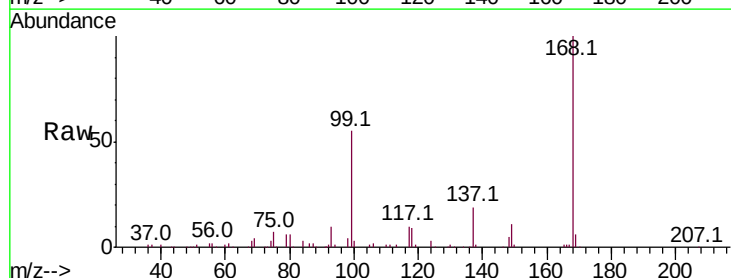


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

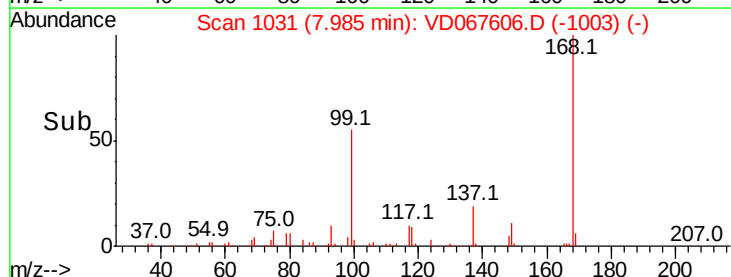
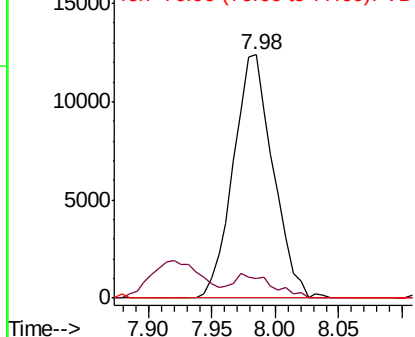


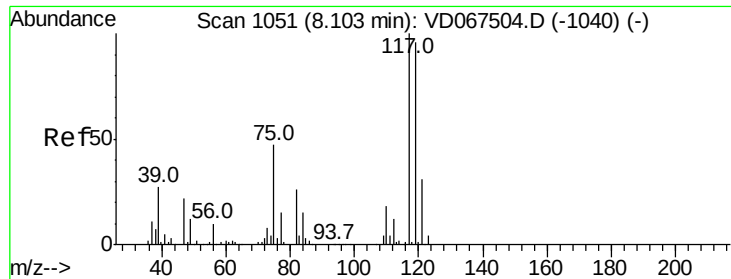
#36
 1,1-Dichloropropene
 Concen: 4.971 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067606.D
 Acq: 11 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	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

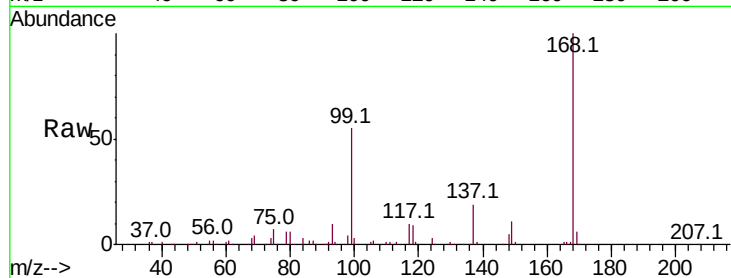




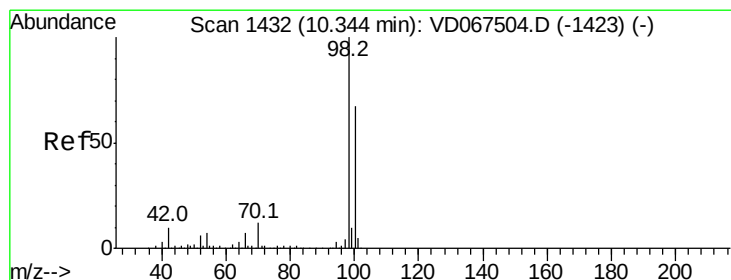
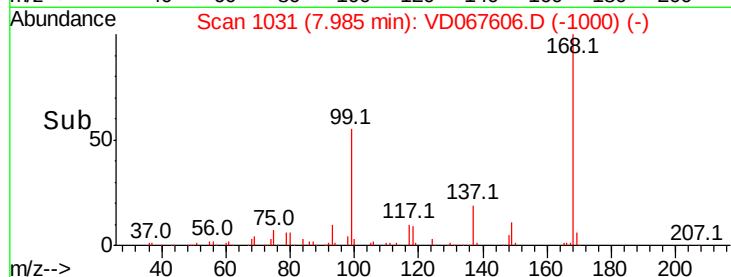
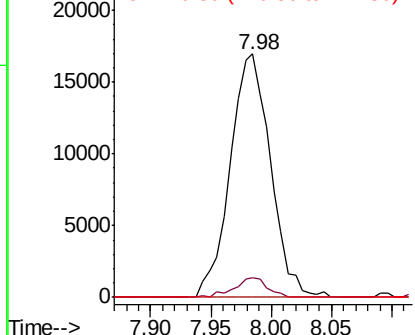
#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067606.D
Acq: 11 Nov 2020 16:58

Instrument :
MSVOA_D
ClientSampleId :
R-LA-38-1-WC

Tot Ion:117 Resp: 39468
Ion Ratio Lower Upper
117 100
119 7.9 76.9 115.3#
121 0.0 24.5 36.7#

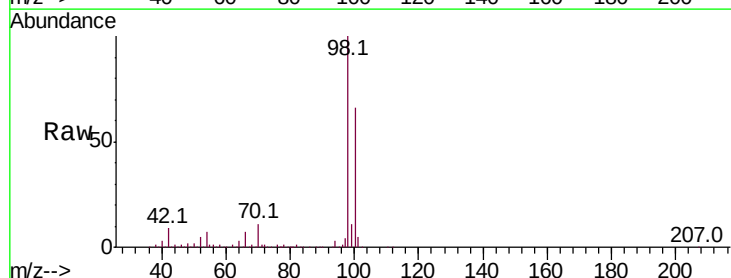


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

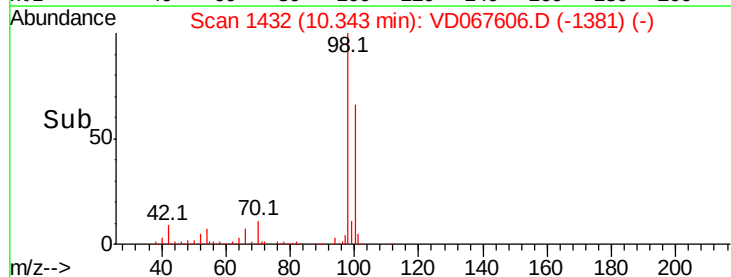
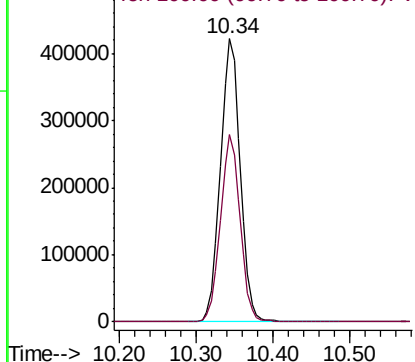


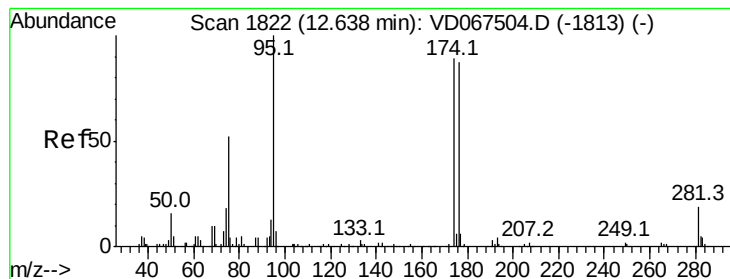
#50
Toluene-d8
Concen: 56.292 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067606.D
Acq: 11 Nov 2020 16:58

Tgt Ion: 98 Resp: 752956
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD





#62

4-Bromofluorobenzene

Concen: 66.711 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067606.D

Acq: 11 Nov 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

R-LA-38-1-WC

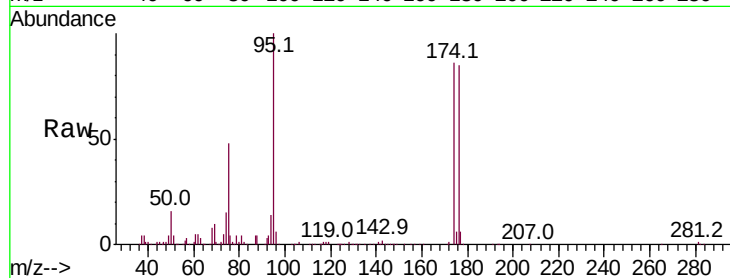
Tot Ion: 95 Resp: 308069

Ion Ratio Lower Upper

95 100

174 87.5 0.0 177.8

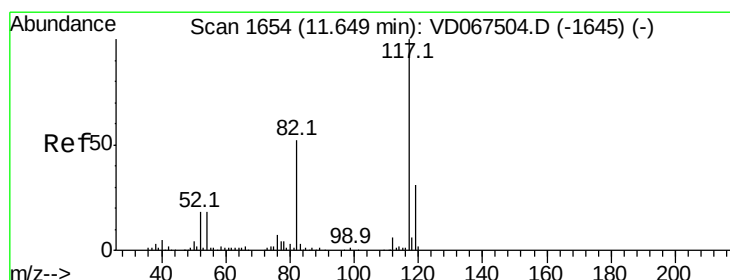
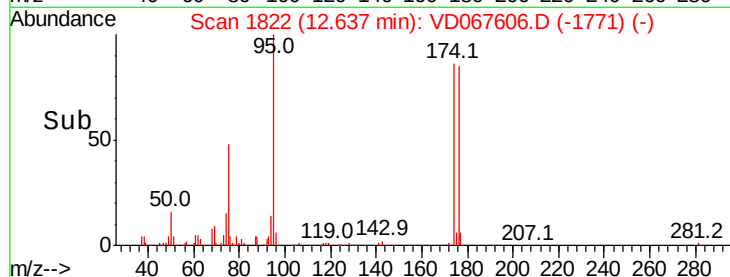
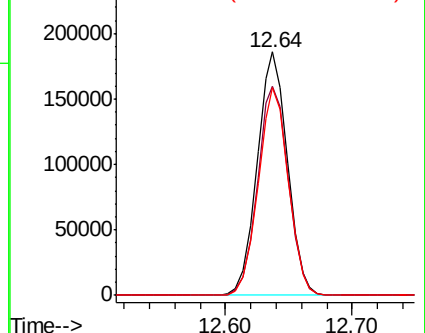
176 85.0 0.0 172.0



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: VD067606.D

Acq: 11 Nov 2020 16:58

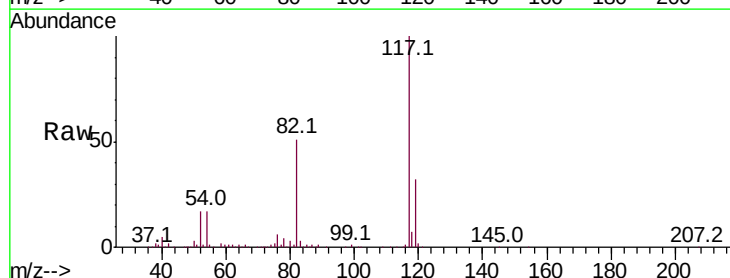
Tgt Ion: 117 Resp: 658337

Ion Ratio Lower Upper

117 100

82 51.1 41.6 62.4

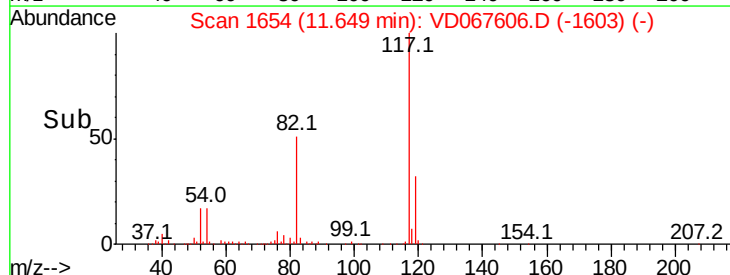
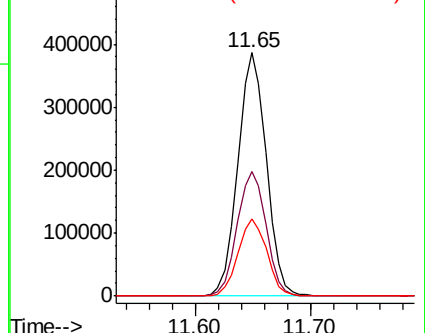
119 31.6 25.1 37.7

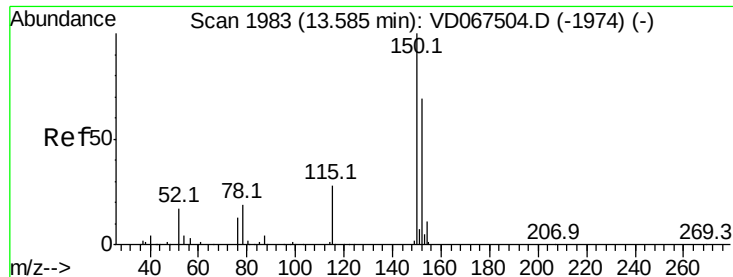


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067606.D

Acq: 11 Nov 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

R-LA-38-1-WC

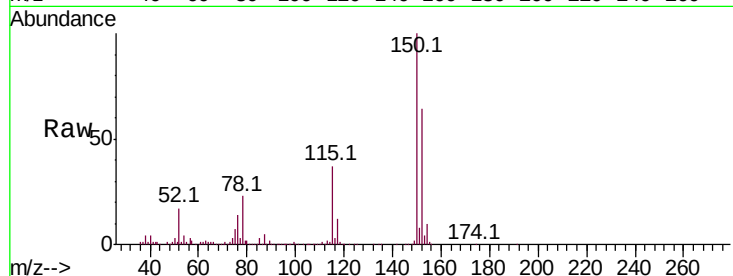
Tot Ion:152 Resp: 339208

Ion Ratio Lower Upper

152 100

115 59.5 29.3 88.0

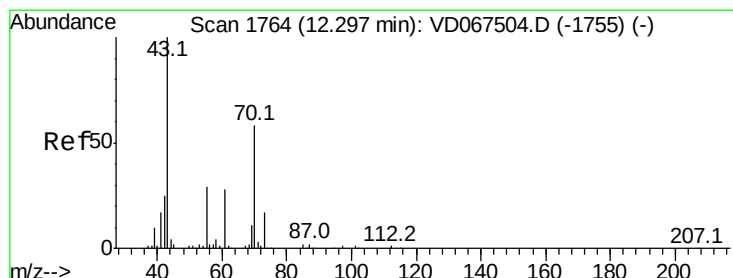
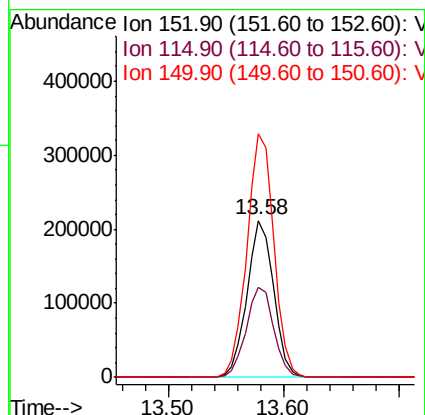
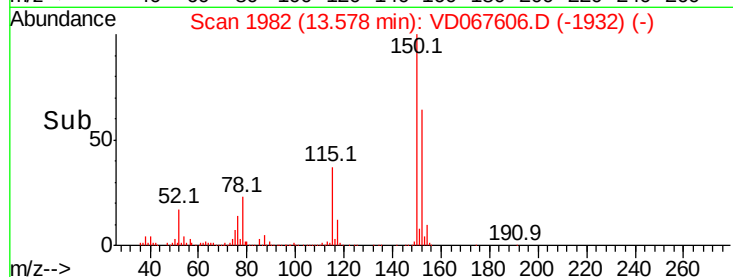
150 157.3 0.0 338.2



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



#74

N-ethyl acetate

Concen: 1.176 ug/l

RT: 12.28 min Scan# 1761

Delta R.T. -0.02 min

Lab File: VD067606.D

Acq: 11 Nov 2020 16:58

Tgt Ion: 43 Resp: 3393

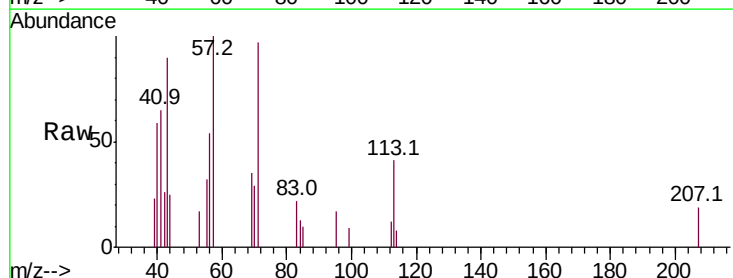
Ion Ratio Lower Upper

43 100

70 34.8 42.6 64.0#

55 28.5 23.7 35.5

61 0.0 21.9 32.9#

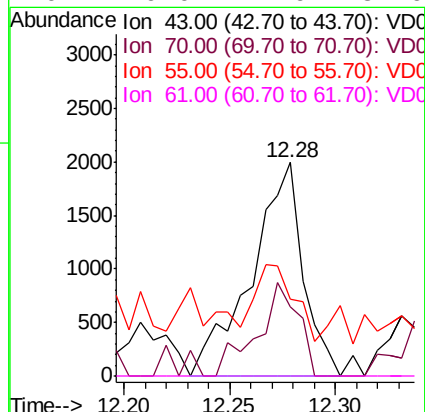
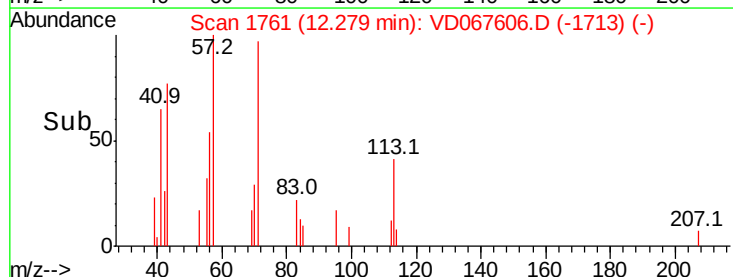


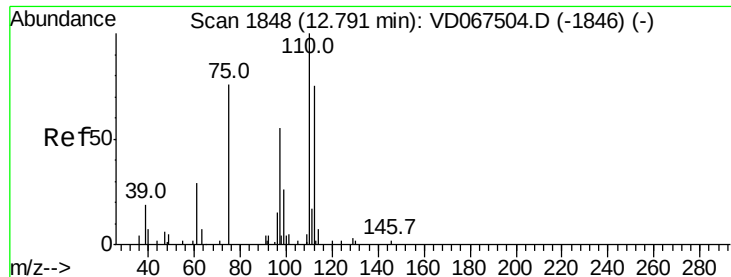
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#76

1,2,3-Trichloropropane

Concen: 75.131 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067606.D

Acq: 11 Nov 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

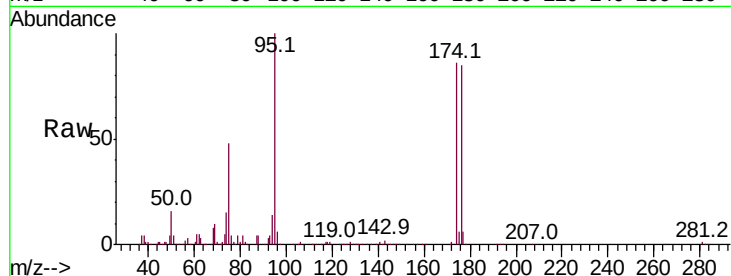
R-LA-38-1-WC

Tot Ion: 75 Resp: 153741

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

100000

80000

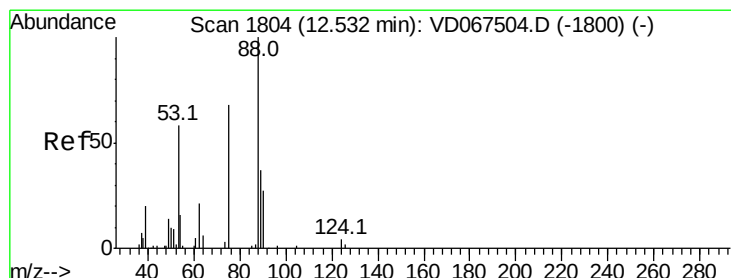
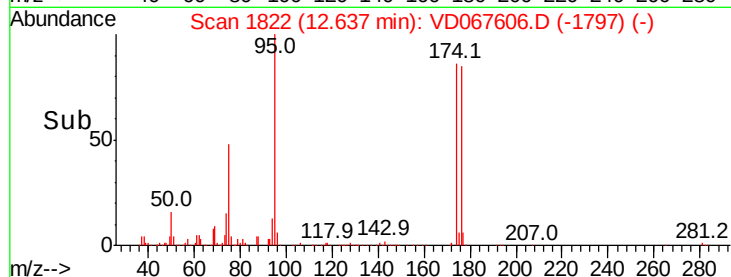
60000

40000

20000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 152.537 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067606.D

Acq: 11 Nov 2020 16:58

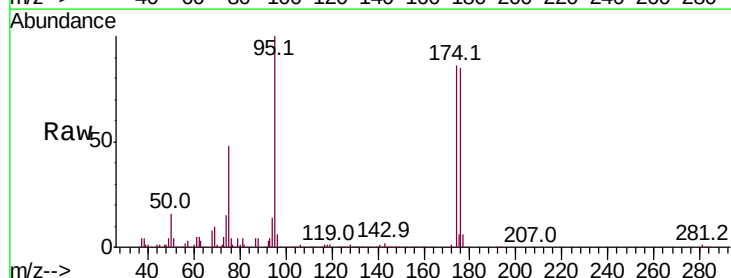
Tgt Ion: 75 Resp: 153741

Ion Ratio Lower Upper

75 100

53 0.2 75.9 113.9#

89 0.0 44.6 67.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

12.64

120000

100000

80000

60000

40000

20000

0

Time--> 12.55 12.60 12.65 12.70

