

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066478.D
 Acq On : 31 Aug 2020 12:51
 Operator : VA/SY
 Sample : L3508-25
 Misc : 6.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

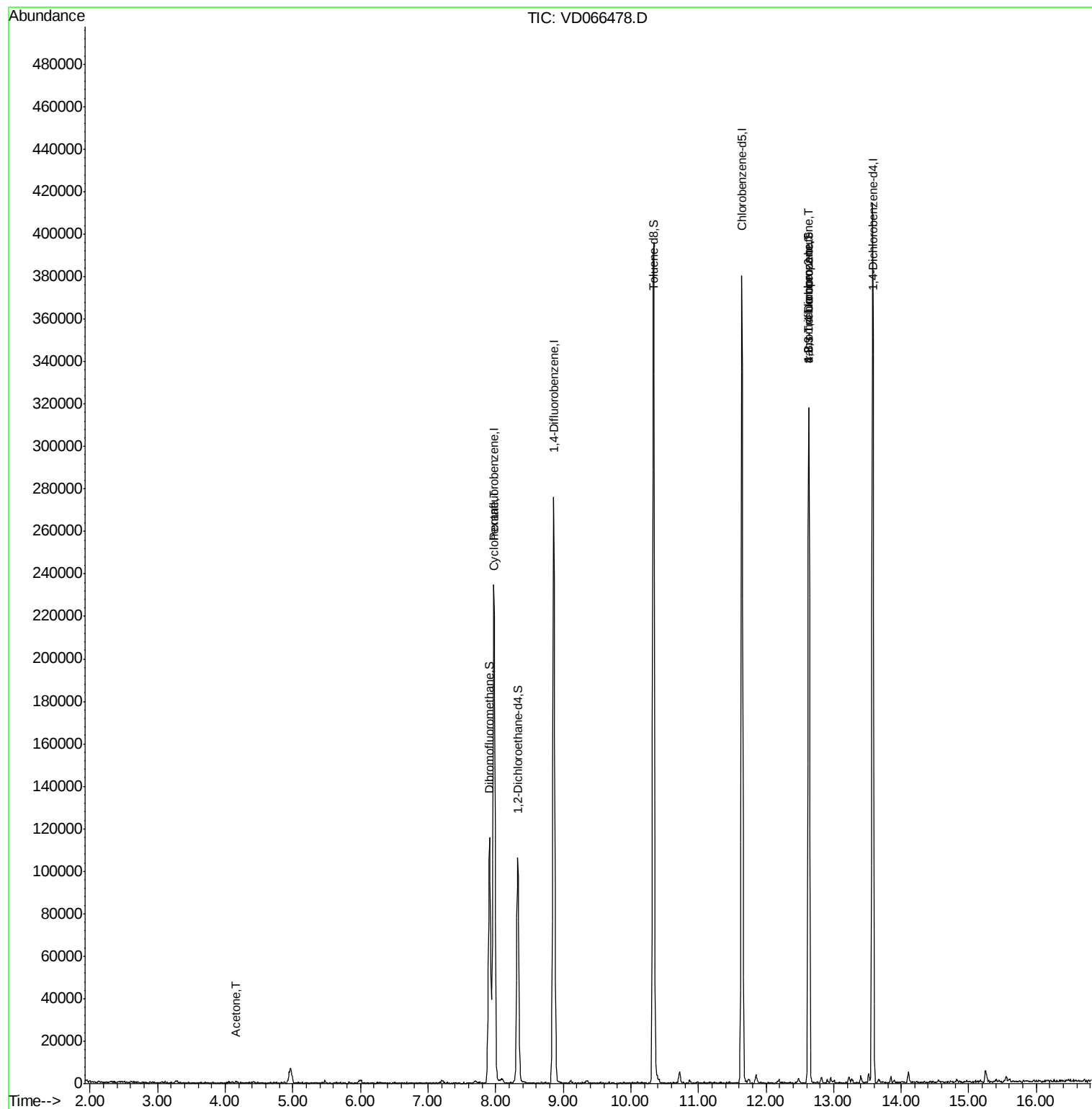
Quant Time: Sep 01 01:01:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

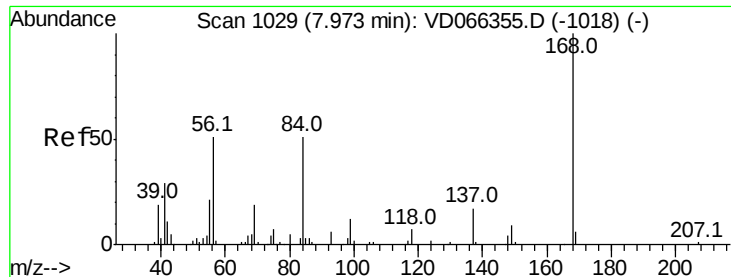
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	174762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	236922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	214531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	106525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	97364	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	7.91	113	75732	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	10.34	98	272090	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.64	95	92051	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
Target Compounds						
16) Acetone	4.16	43	1411	4.568	ug/l #	46
20) Methylene Chloride	4.97	84	5164	Below Cal	#	92
31) Cyclohexane	7.98	56	4170	1.753	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	57919	77.286	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	57919	164.054	ug/l #	6

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

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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: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066478.D

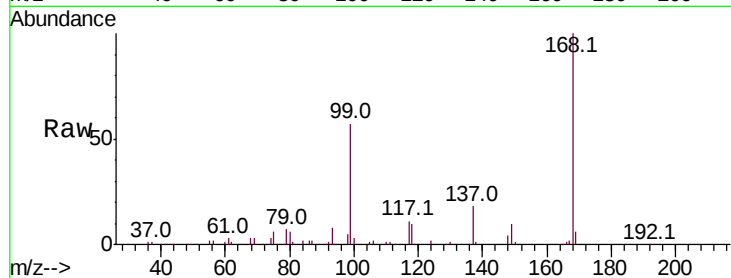
Acq: 31 Aug 2020 12:51

Tot Ion:168 Resp: 174762

Ion Ratio Lower Upper

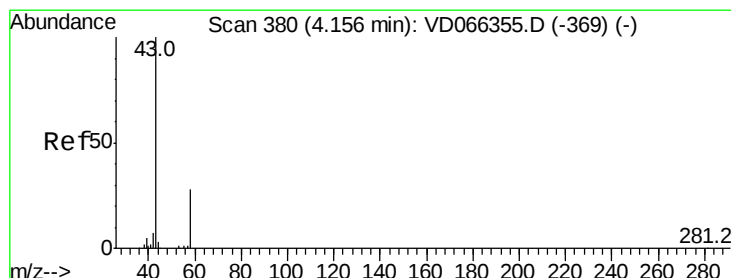
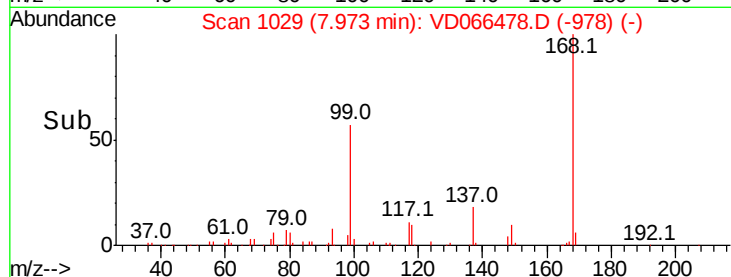
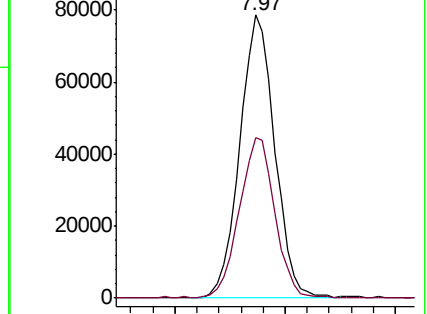
168 100

99 56.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 4.568 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066478.D

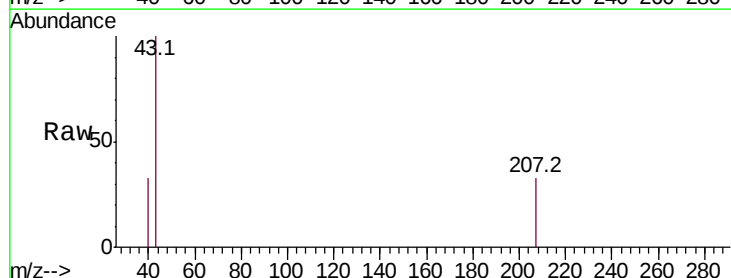
Acq: 31 Aug 2020 12:51

Tgt Ion: 43 Resp: 1411

Ion Ratio Lower Upper

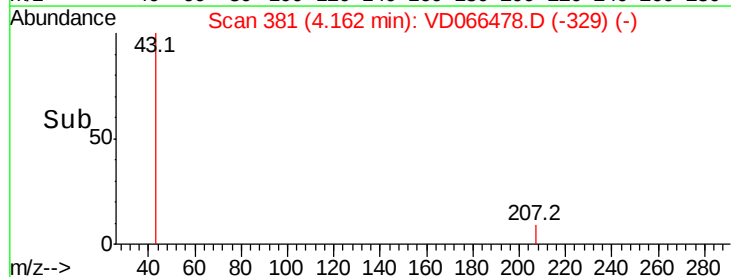
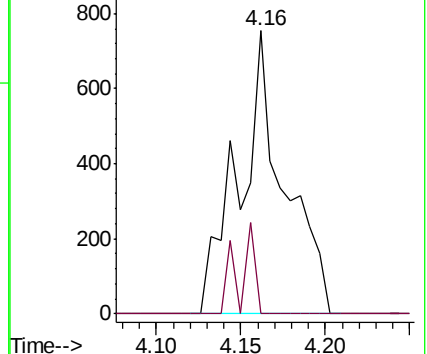
43 100

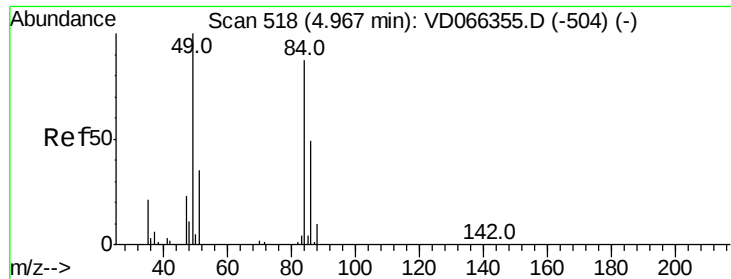
58 0.0 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

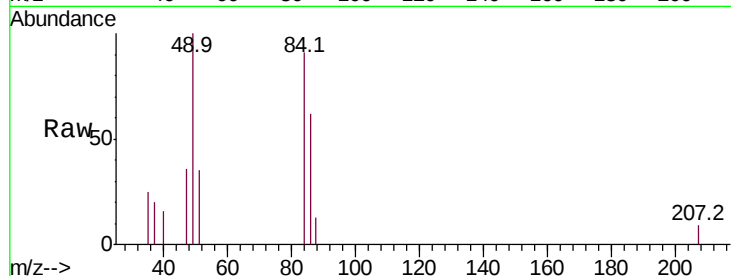




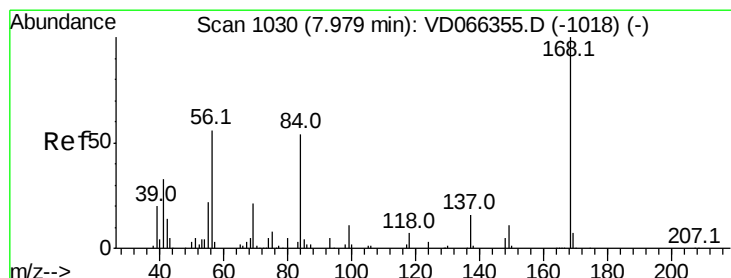
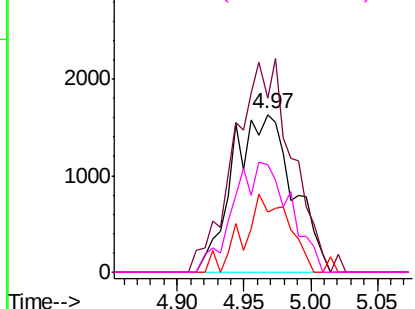
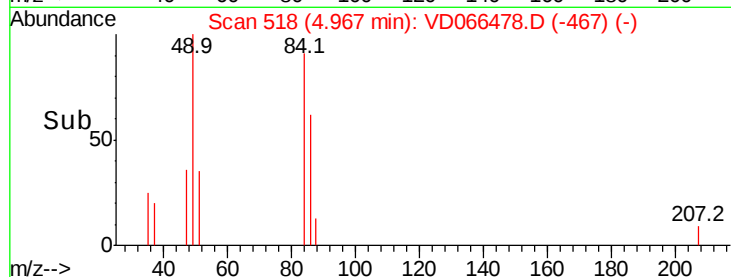
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066478.D
Acq: 31 Aug 2020 12:51

Tot Ion: 84 Resp: 5164

Ion	Ratio	Lower	Upper
84	100		
49	110.3	92.5	138.7
51	38.2	32.5	48.7
86	67.9	45.0	67.6#



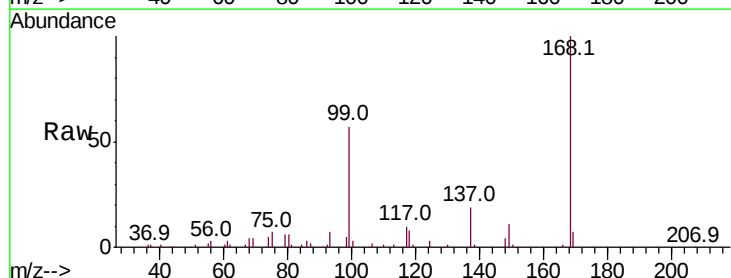
Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC



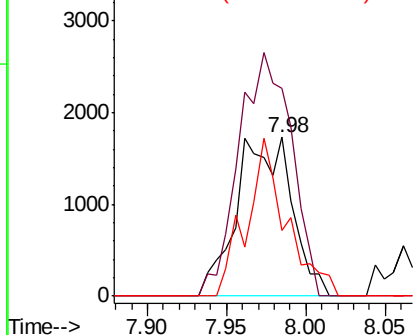
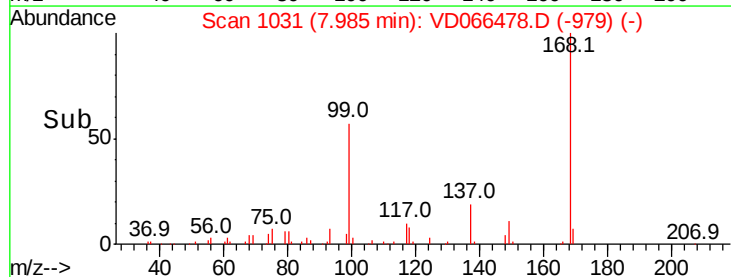
#31
Cyclohexane
Concen: 1.753 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066478.D
Acq: 31 Aug 2020 12:51

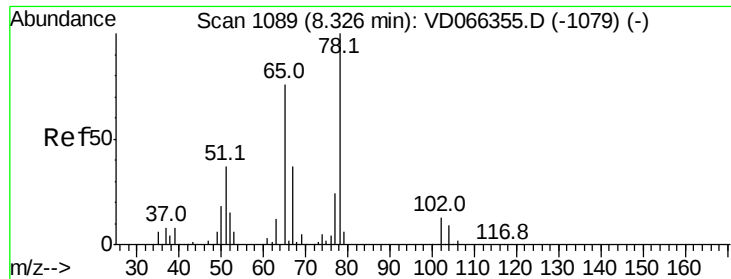
Tgt Ion: 56 Resp: 4170

Ion	Ratio	Lower	Upper
56	100		
69	130.8	29.6	44.4#
84	41.5	76.6	115.0#



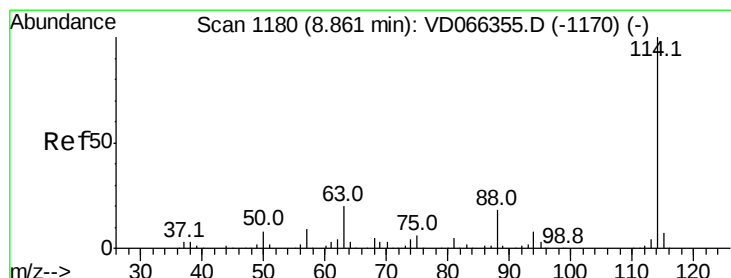
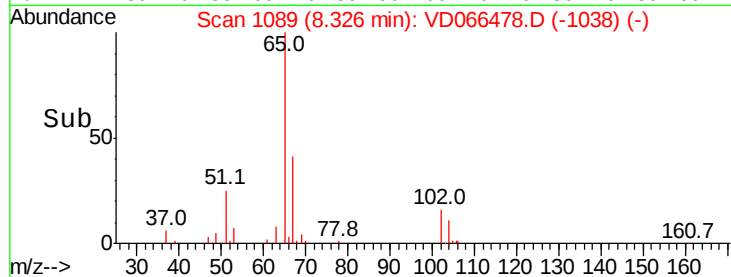
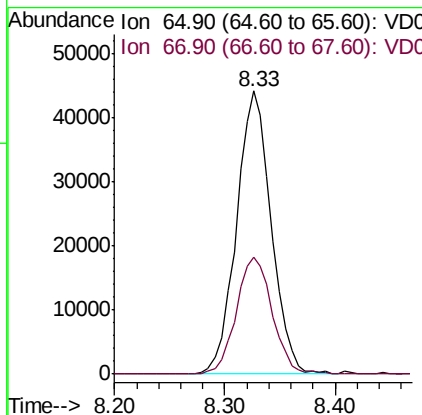
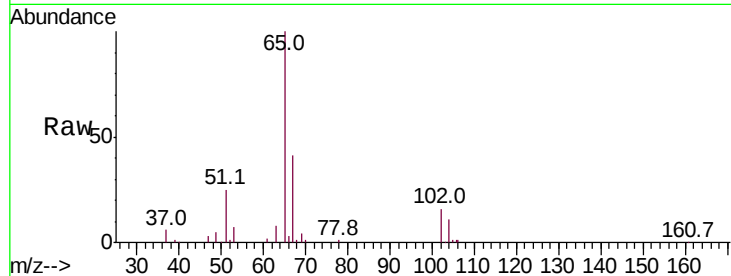
Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC





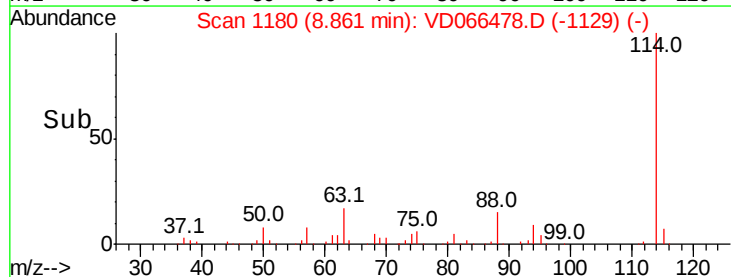
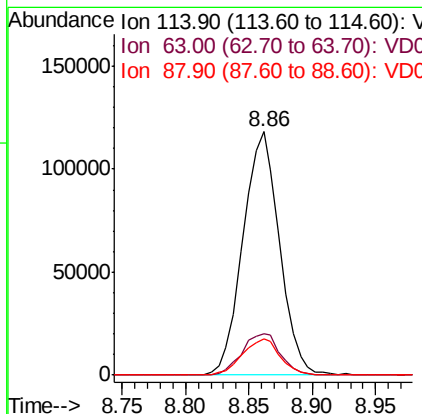
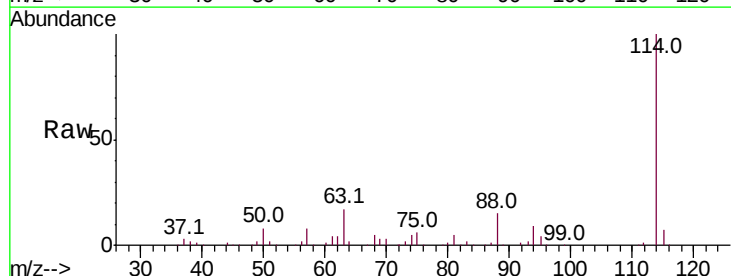
#33
 1,2-Dichloroethane-d4
 Concen: 56.826 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066478.D
 Acq: 31 Aug 2020 12:51

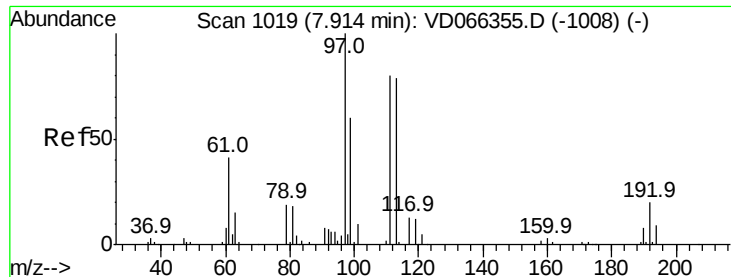
Tot Ion: 65 Resp: 97364
 Ion Ratio Lower Upper
 65 100
 67 42.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066478.D
 Acq: 31 Aug 2020 12:51

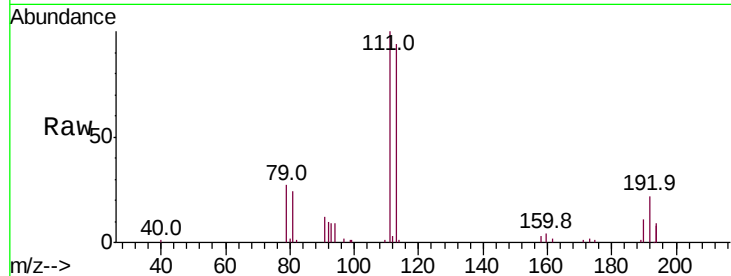
Tgt Ion: 114 Resp: 236922
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 40.8
 88 15.0 0.0 35.4



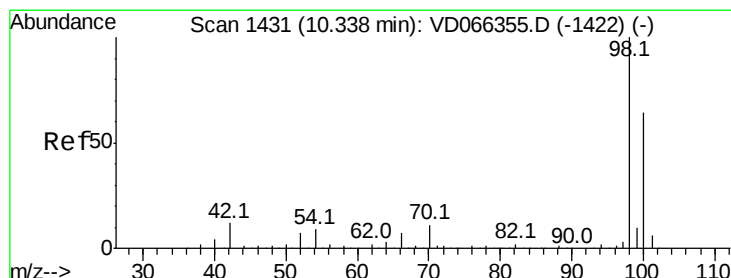
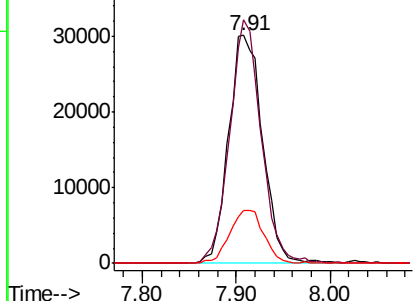
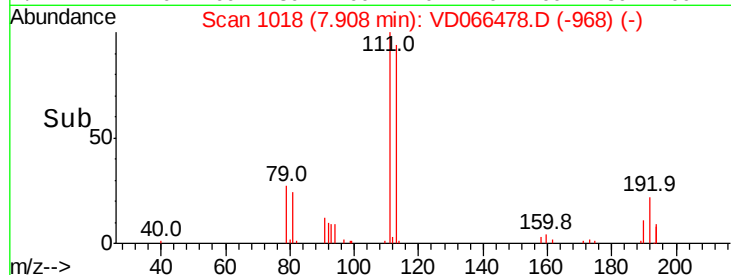


#35
 Dibromofluoromethane
 Concen: 51.119 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066478.D
 Acq: 31 Aug 2020 12:51

Tot Ion:113 Resp: 75732
 Ion Ratio Lower Upper
 113 100
 111 98.5 80.3 120.5
 192 23.3 19.0 28.6

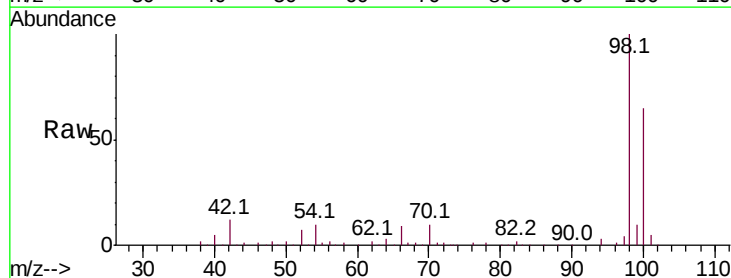


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

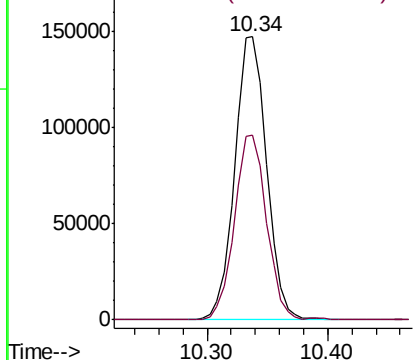
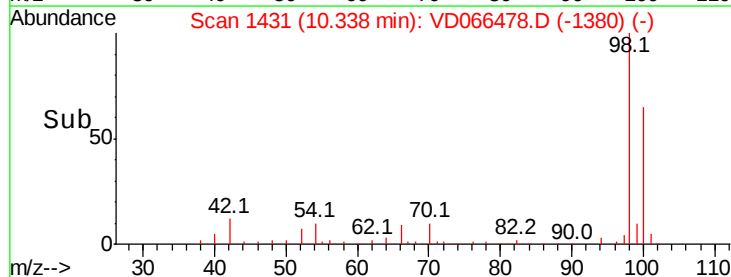


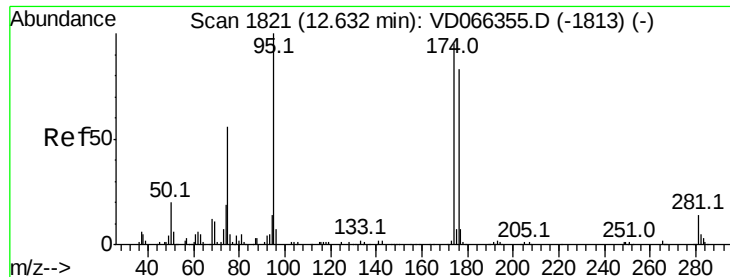
#50
 Toluene-d8
 Concen: 50.196 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066478.D
 Acq: 31 Aug 2020 12:51

Tgt Ion: 98 Resp: 272090
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.0 79.4



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





#62

4-Bromofluorobenzene

Concen: 47.857 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066478.D

Acq: 31 Aug 2020 12:51

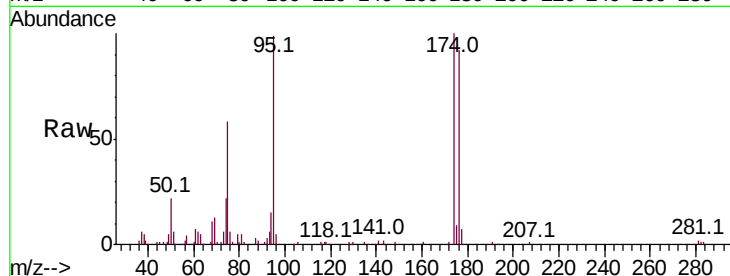
Tot Ion: 95 Resp: 92051

Ion Ratio Lower Upper

95 100

174 100.4 0.0 183.4

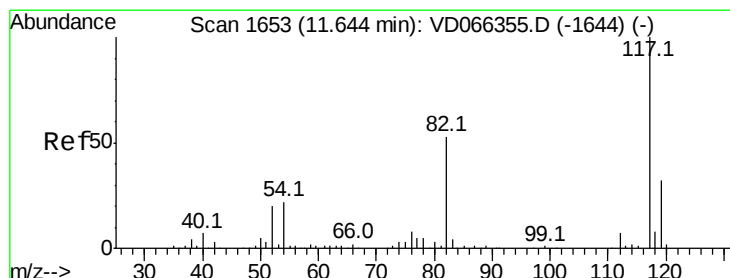
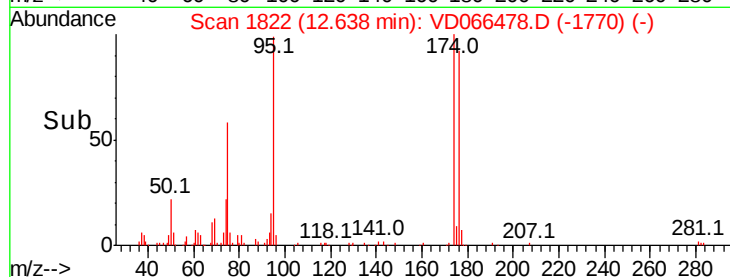
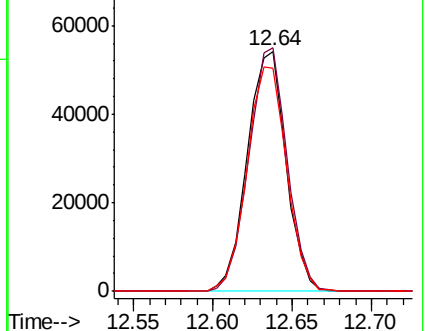
176 95.7 0.0 173.8



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: VD066478.D

Acq: 31 Aug 2020 12:51

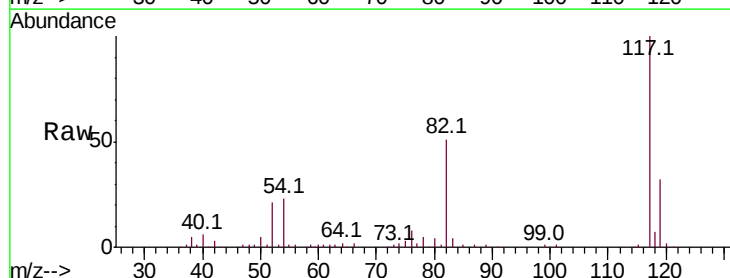
Tgt Ion: 117 Resp: 214531

Ion Ratio Lower Upper

117 100

82 50.7 42.8 64.2

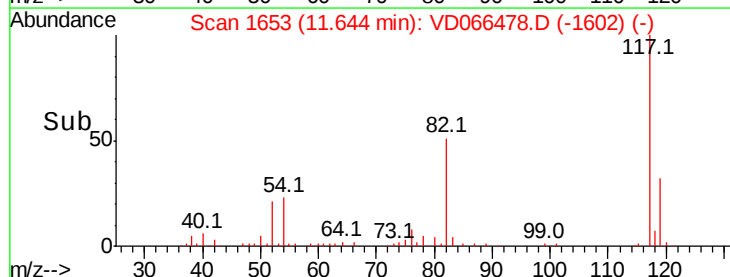
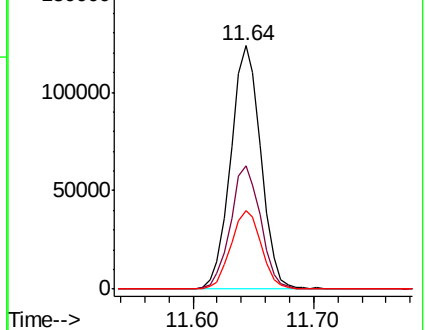
119 32.2 25.8 38.8

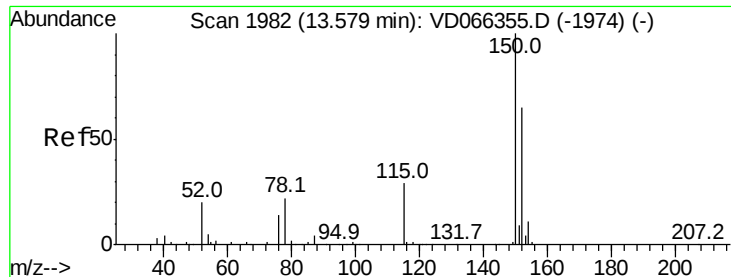


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

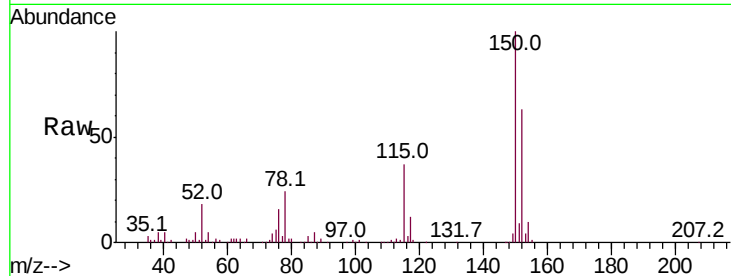




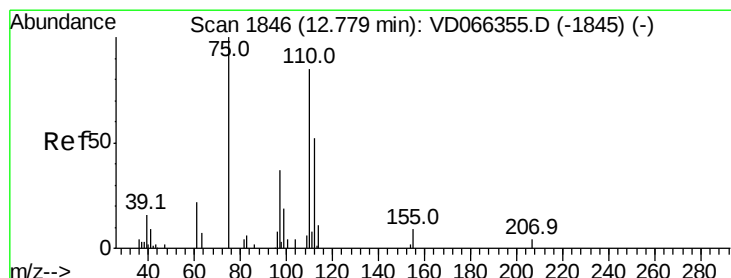
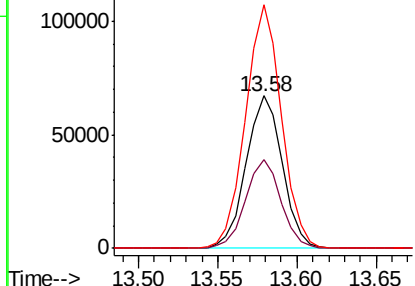
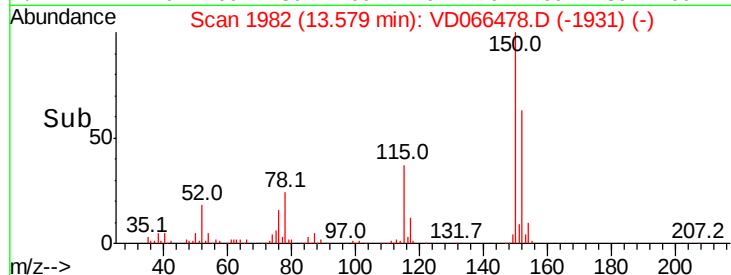
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066478.D
Acq: 31 Aug 2020 12:51

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.3	85.0
150	158.3	0.0	343.2



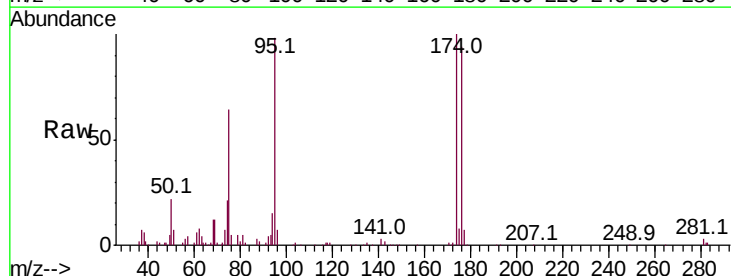
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



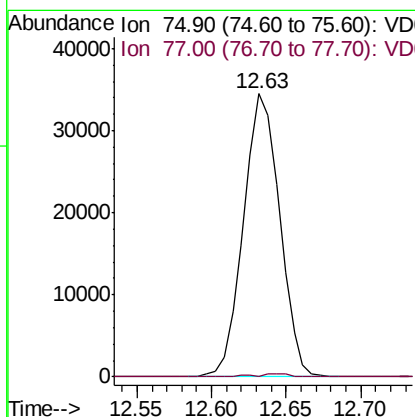
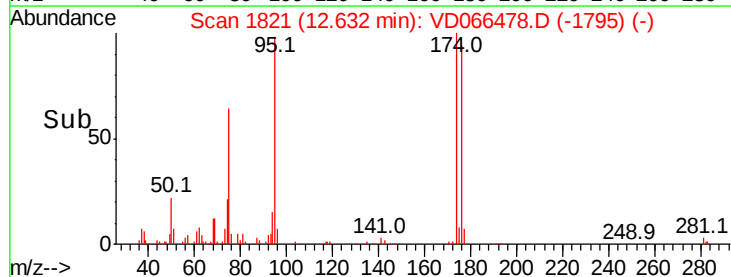
#76

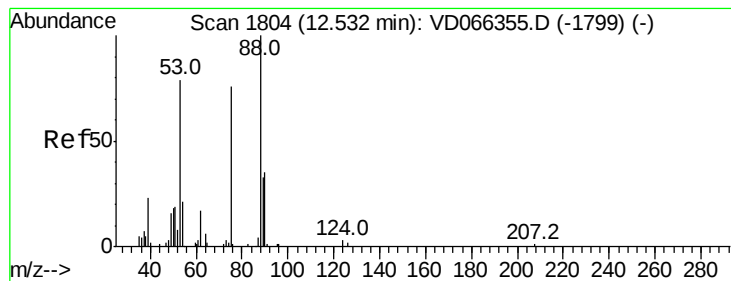
1,2,3-Trichloropropane
Concen: 77.286 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066478.D
Acq: 31 Aug 2020 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.3	182.9	548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 164.054 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066478.D

Acq: 31 Aug 2020 12:51

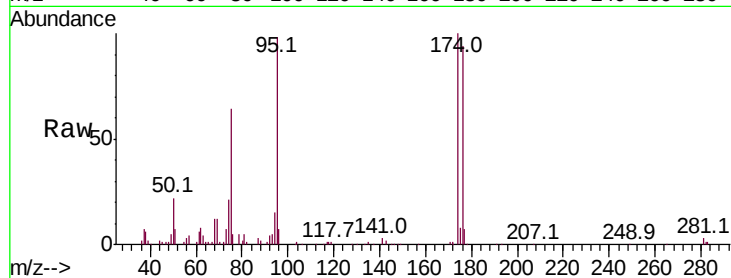
Tot Ion: 75 Resp: 57919

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.2#

89 0.0 39.4 59.0#



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

