

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066508.D
 Acq On : 01 Sep 2020 20:47
 Operator : VA/SY
 Sample : L3849-07
 Misc : 6.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 209

Quant Time: Sep 02 01:07:56 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	187578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	275846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	250568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130468	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	102875	55.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.88%	
35) Dibromofluoromethane	7.91	113	84718	49.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.22%	
50) Toluene-d8	10.34	98	319743	50.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.64	95	110811	49.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.96%	

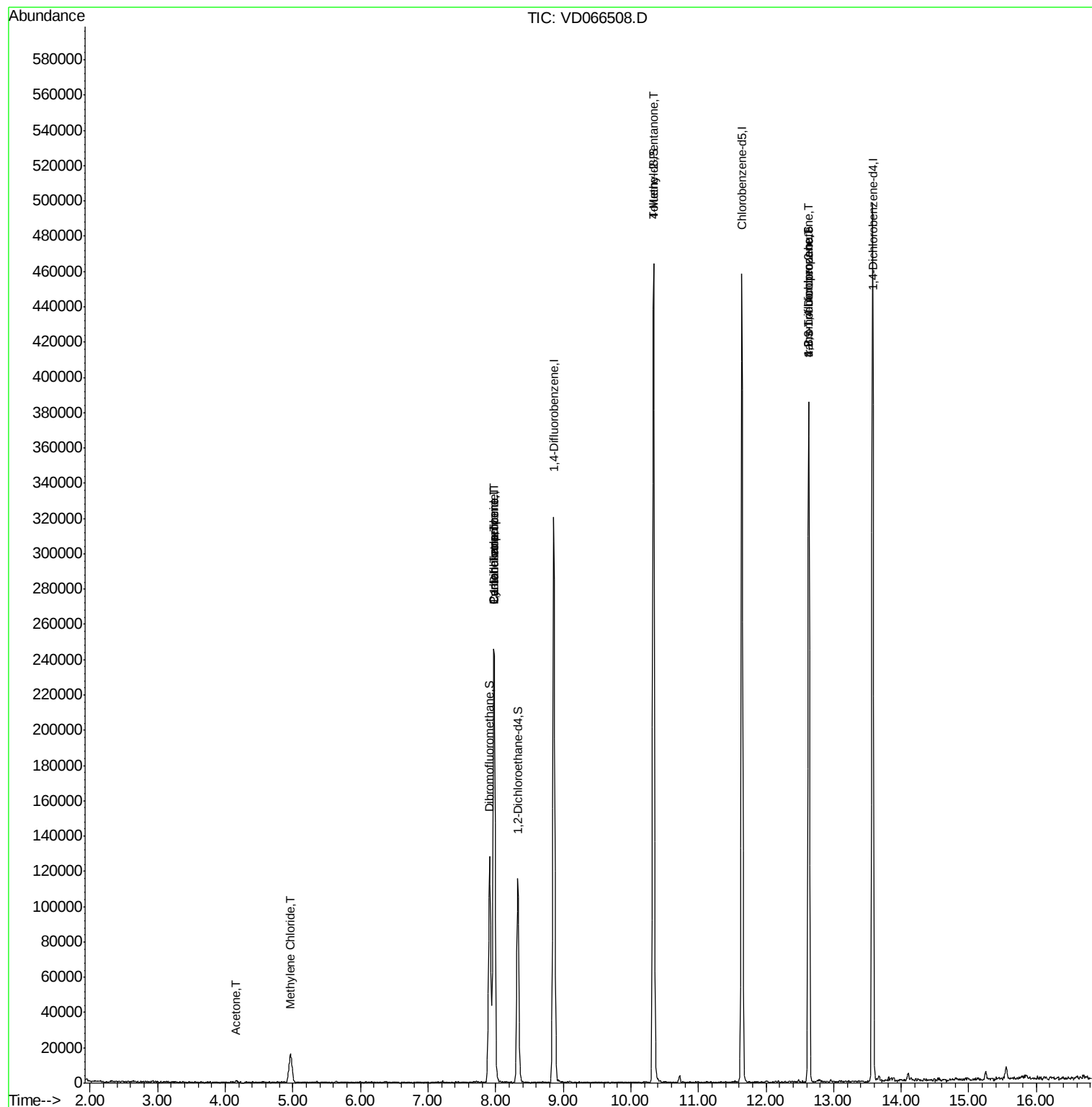
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	1773	5.348	ug/l #	85
20) Methylene Chloride	4.97	84	13870	1.713	ug/l #	76
31) Cyclohexane	7.97	56	3905	1.529	ug/l #	50
36) 1,1-Dichloropropene	7.97	75	13401	5.324	ug/l #	51
38) Carbon Tetrachloride	7.97	117	18542	5.655	ug/l #	15
51) 4-Methyl-2-Pentanone	10.33	43	1984	2.387	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	66115	72.033	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	66115	152.902	ug/l #	6

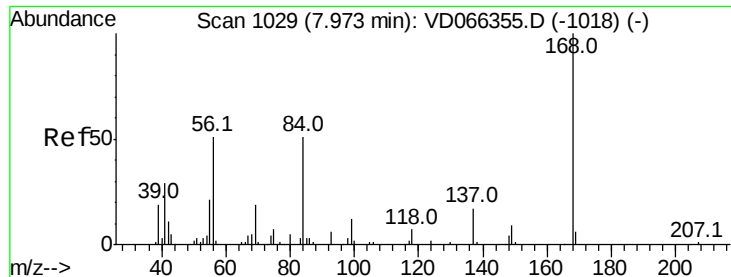
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066508.D

Acq: 01 Sep 2020 20:47

Instrument :

MSVOA_D

ClientSampleId :

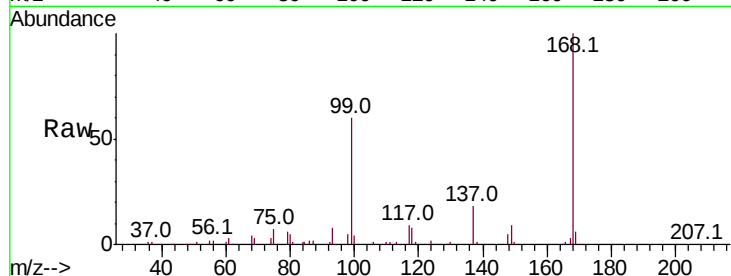
209

Tot Ion:168 Resp: 187578

Ion Ratio Lower Upper

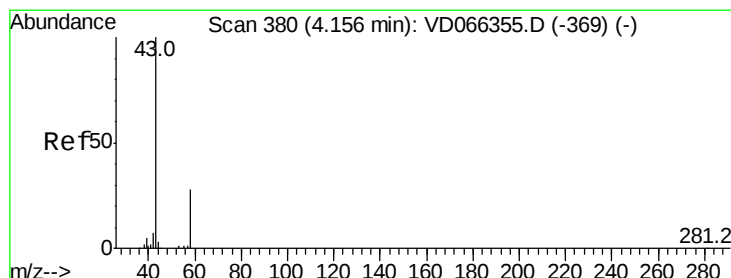
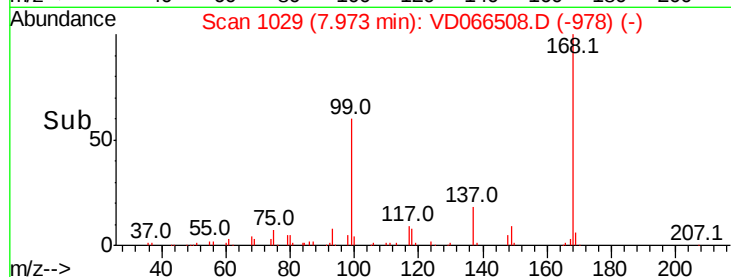
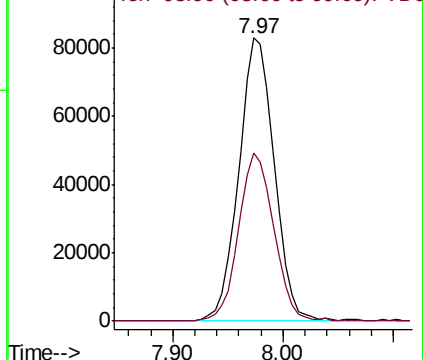
168 100

99 59.6 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: 5.348 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066508.D

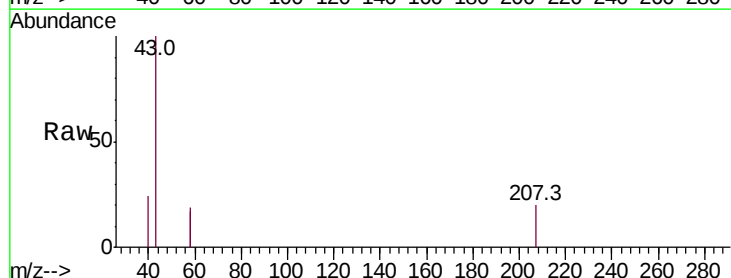
Acq: 01 Sep 2020 20:47

Tgt Ion: 43 Resp: 1773

Ion Ratio Lower Upper

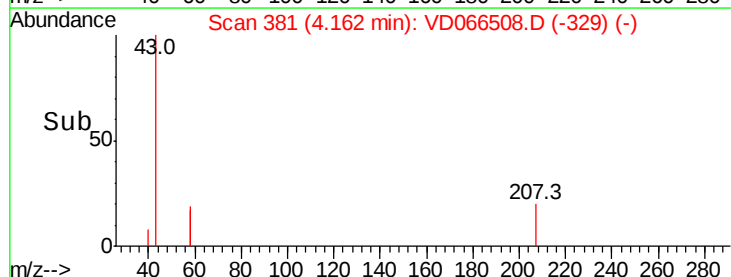
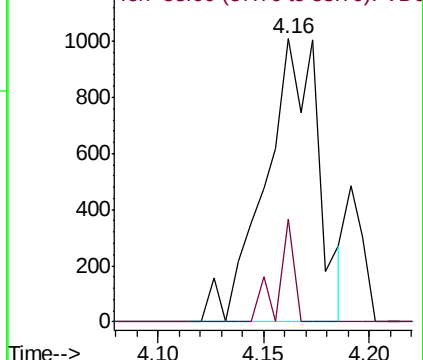
43 100

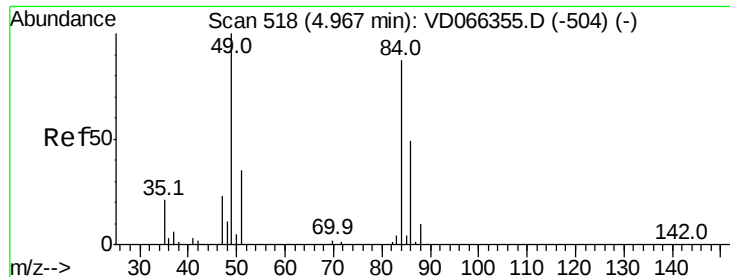
58 36.2 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

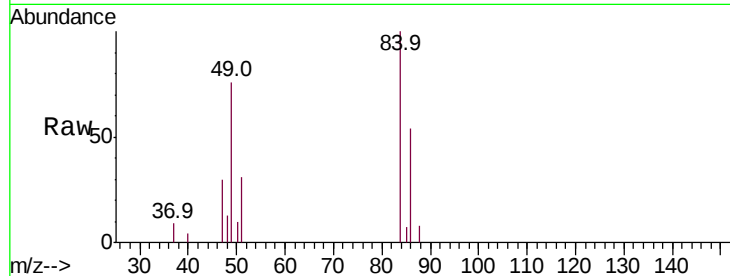




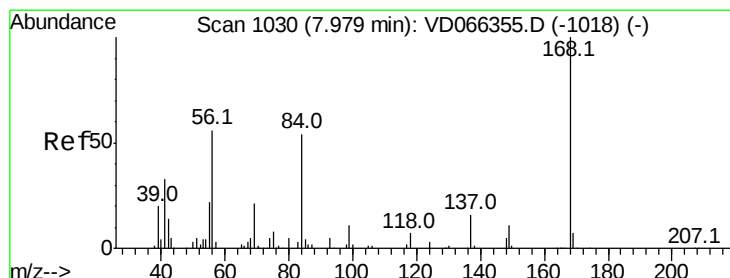
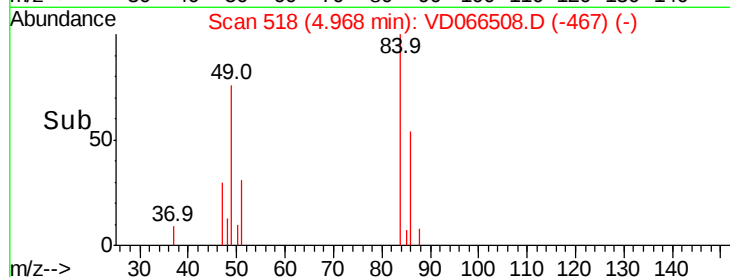
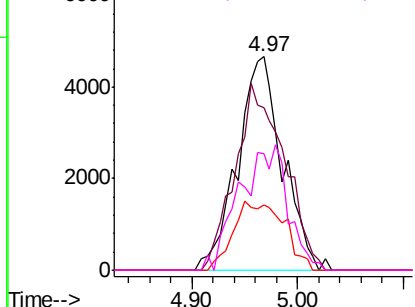
#20
Methvlene Chloride
Concen: 1.713 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066508.D
Acq: 01 Sep 2020 20:47

Instrument :
MSVOA_D
ClientSampleId :
209

Tot Ion: 84 Resp: 13870
Ion Ratio Lower Upper
84 100
49 75.9 92.5 138.7#
51 30.5 32.5 48.7#
86 54.3 45.0 67.6

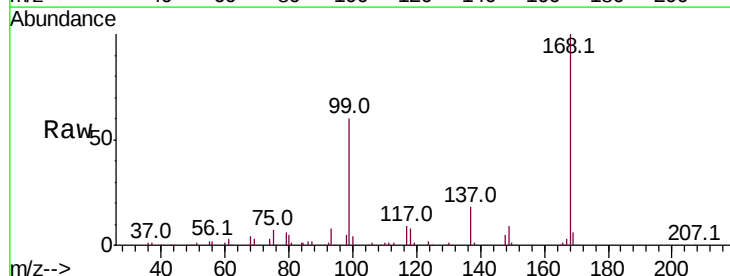


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

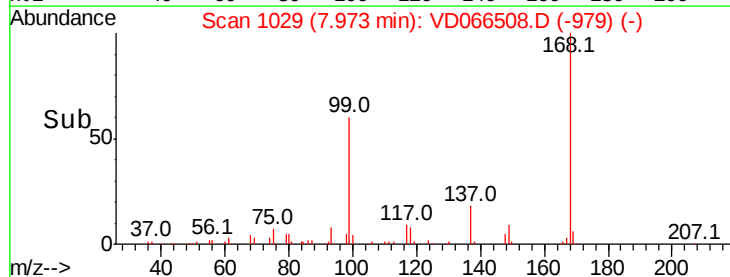
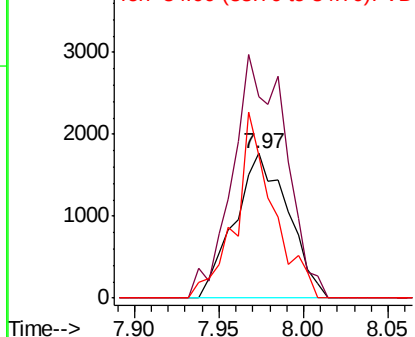


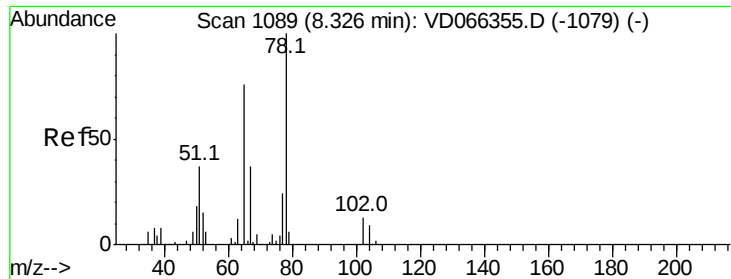
#31
Cyclohexane
Concen: 1.529 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066508.D
Acq: 01 Sep 2020 20:47

Tgt Ion: 56 Resp: 3905
Ion Ratio Lower Upper
56 100
69 139.4 29.6 44.4#
84 98.8 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

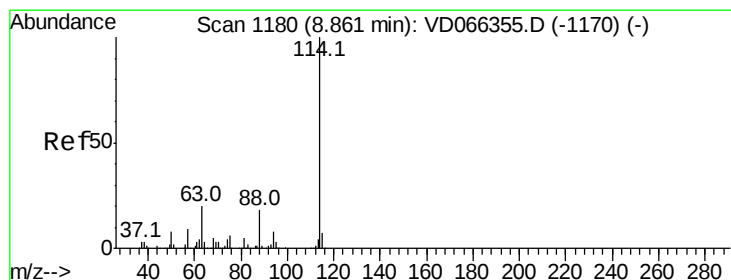
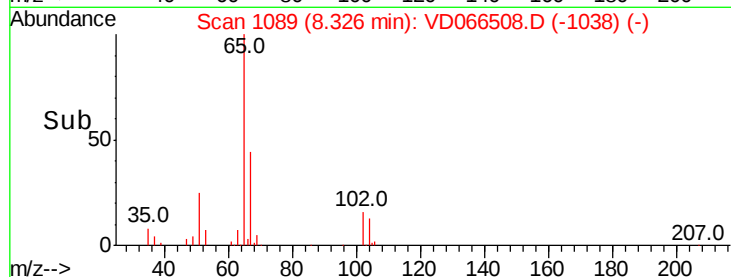
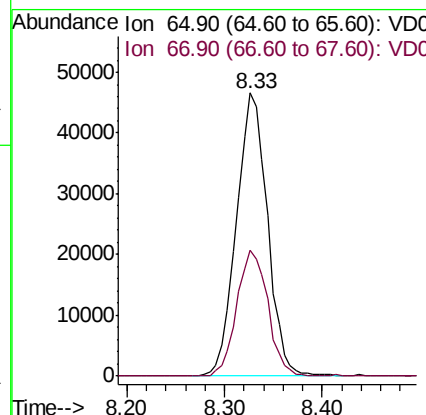
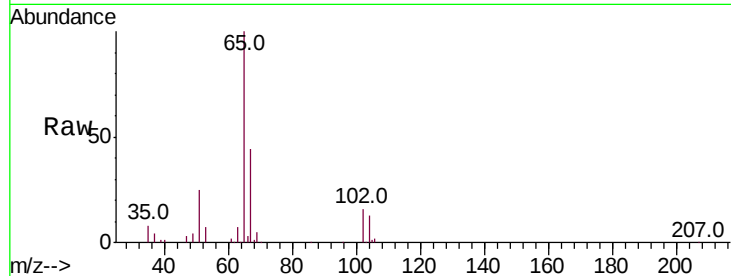




#33
 1,2-Dichloroethane-d4
 Concen: 55.941 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066508.D
 Acq: 01 Sep 2020 20:47

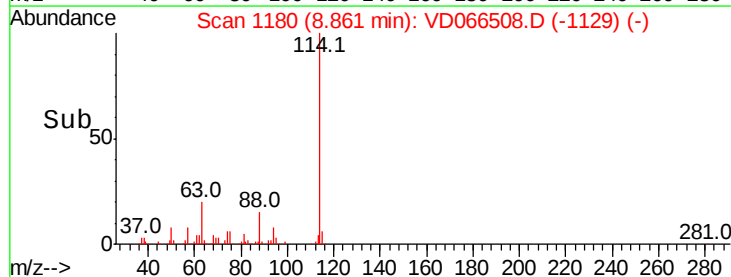
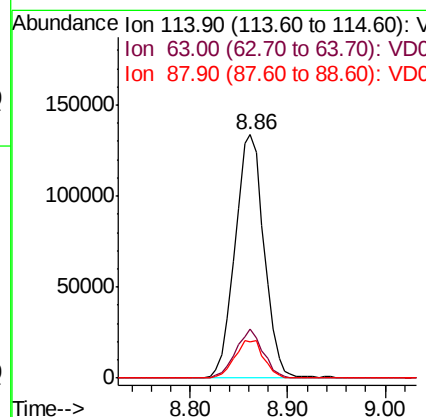
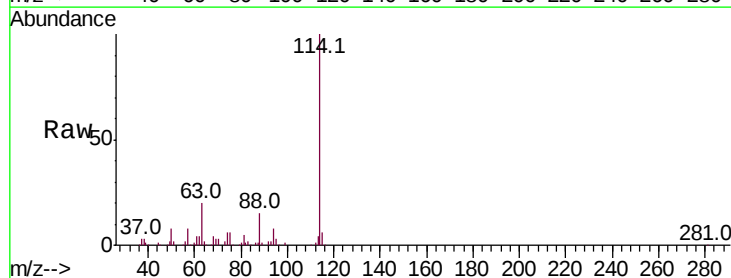
Instrument :
 MSVOA_D
 ClientSampled :
 209

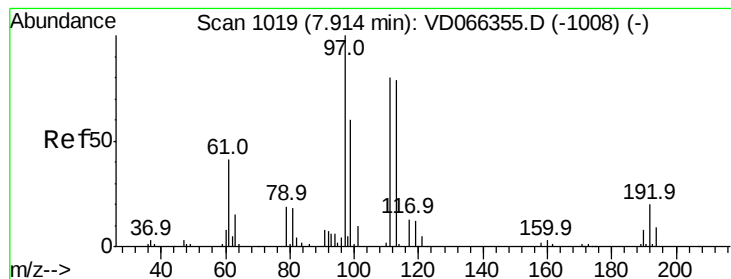
Tot Ion: 65 Resp: 102875
 Ion Ratio Lower Upper
 65 100
 67 44.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066508.D
 Acq: 01 Sep 2020 20:47

Tgt Ion: 114 Resp: 275846
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 14.9 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.115 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066508.D

Acq: 01 Sep 2020 20:47

Instrument :
MSVOA_D
ClientSampleId :
209

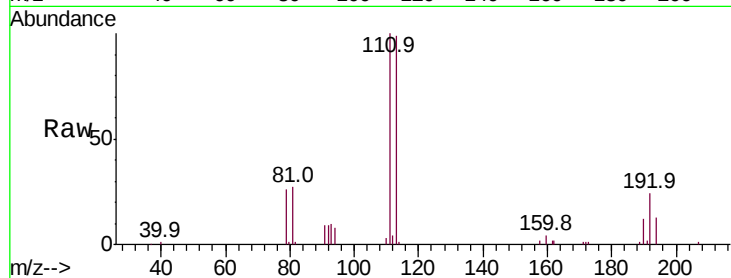
Tot Ion:113 Resp: 84718

Ion Ratio Lower Upper

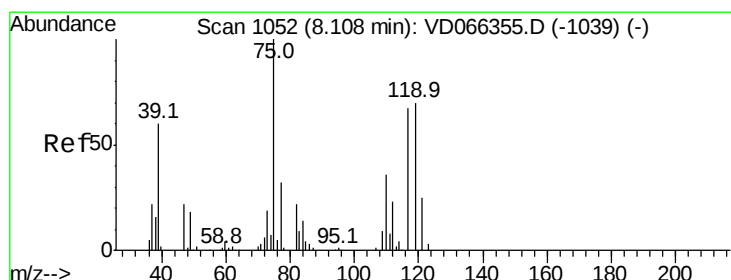
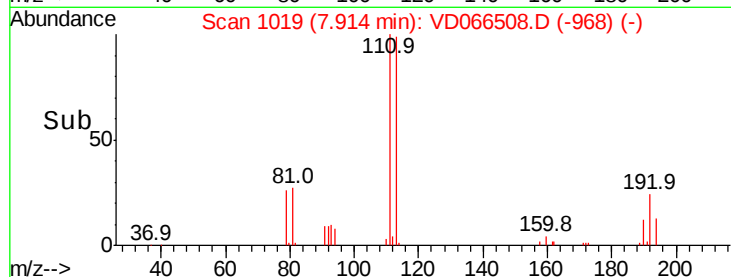
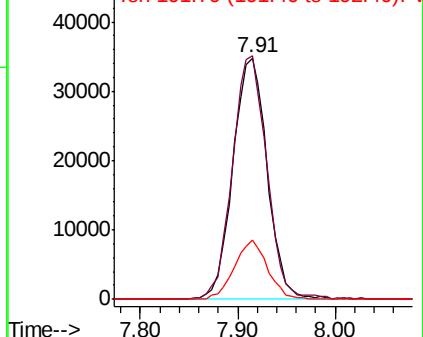
113 100

111 101.3 80.3 120.5

192 23.5 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: 5.324 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.14 min

Lab File: VD066508.D

Acq: 01 Sep 2020 20:47

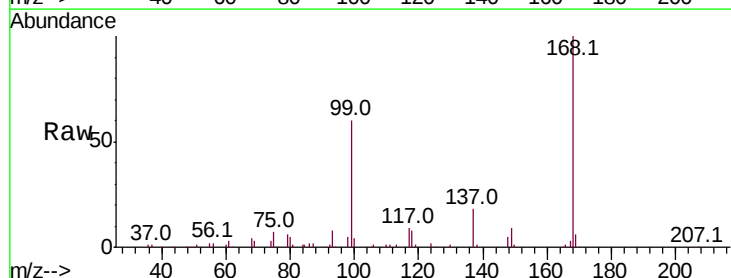
Tgt Ion: 75 Resp: 13401

Ion Ratio Lower Upper

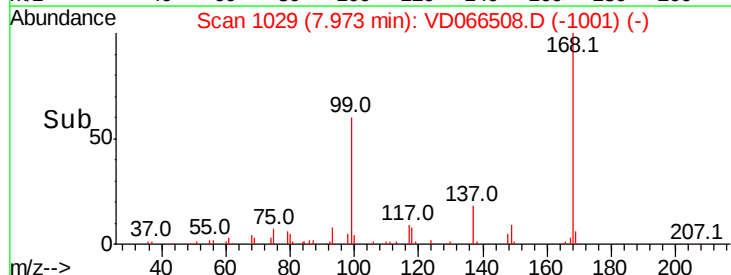
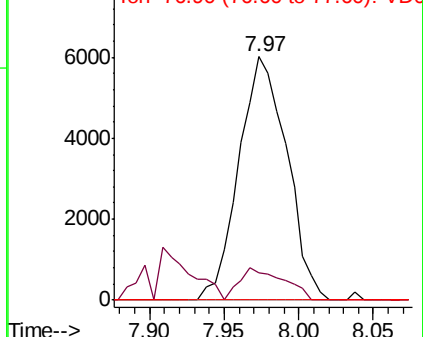
75 100

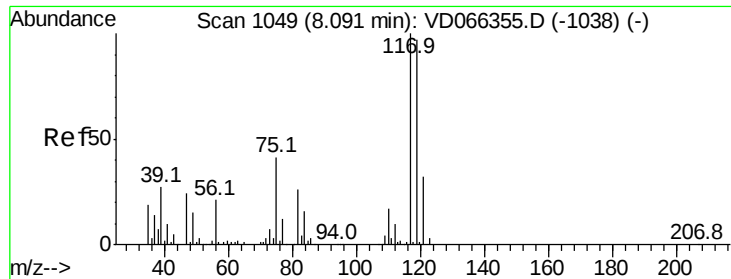
110 12.2 18.7 56.1#

77 0.0 25.2 37.8#



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

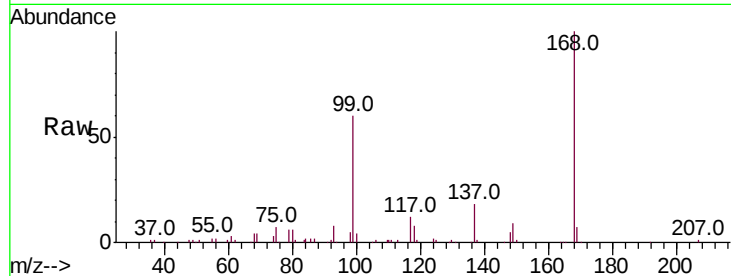




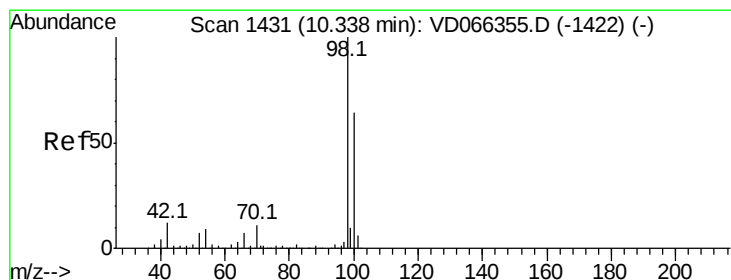
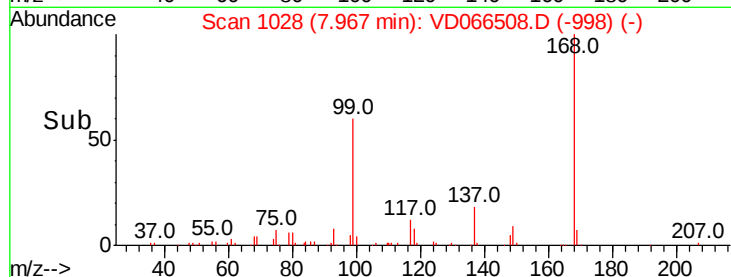
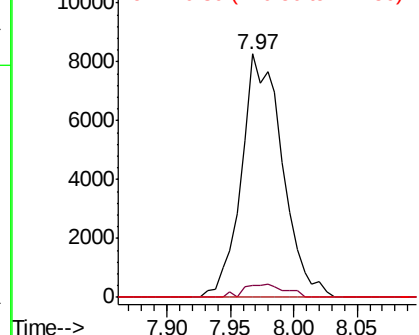
#38
Carbon Tetrachloride
Concen: 5.655 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.12 min
Lab File: VD066508.D
Acq: 01 Sep 2020 20:47

Instrument :
MSVOA_D
ClientSampled :
209

Tot Ion:117 Resp: 18542
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.8 38.8#

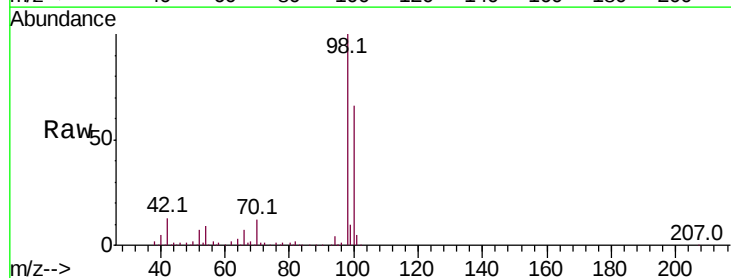


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

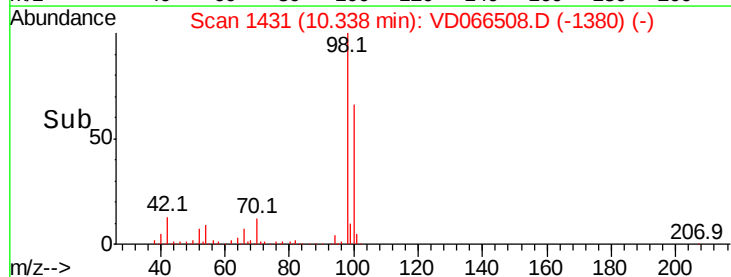
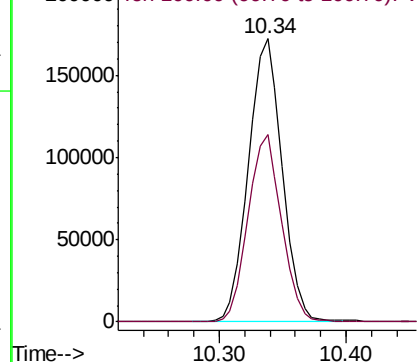


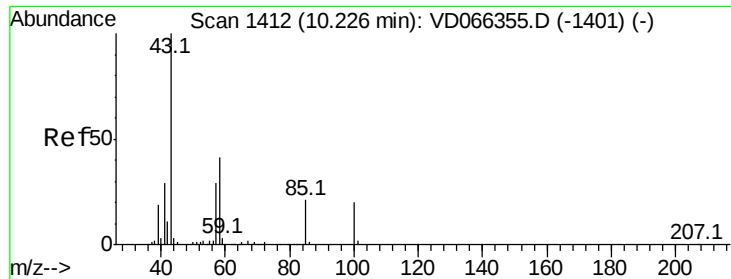
#50
Toluene-d8
Concen: 50.663 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066508.D
Acq: 01 Sep 2020 20:47

Tgt Ion: 98 Resp: 319743
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 2.387 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.11 min

Lab File: VD066508.D

Acq: 01 Sep 2020 20:47

Instrument :

MSVOA_D

ClientSampleId :

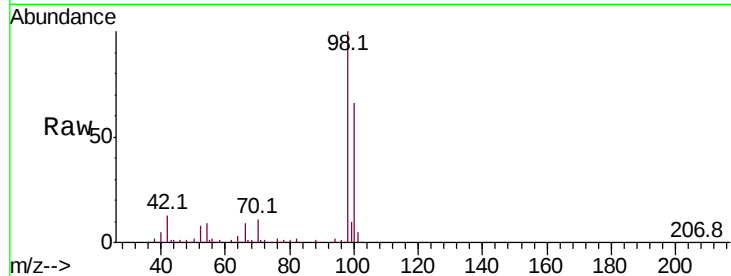
209

Tot Ion: 43 Resp: 1984

Ion Ratio Lower Upper

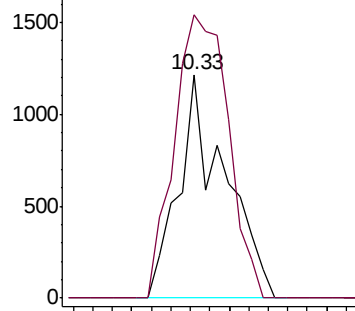
43 100

58 148.3 31.4 47.2#

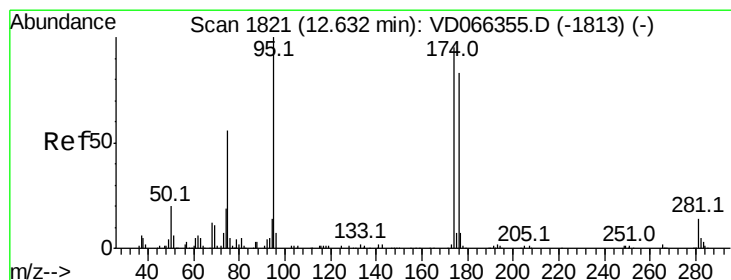
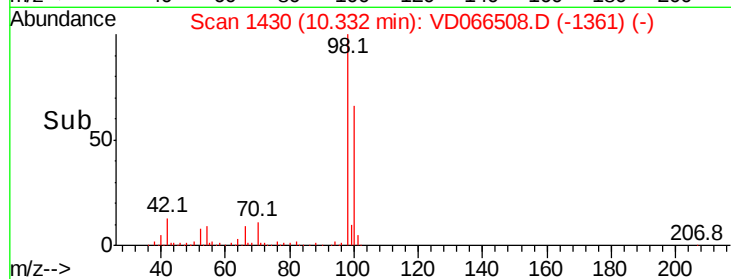


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 49.481 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066508.D

Acq: 01 Sep 2020 20:47

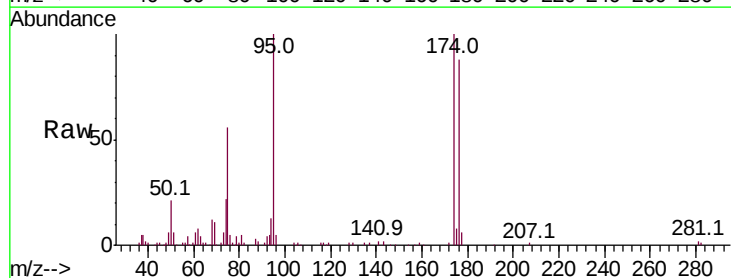
Tgt Ion: 95 Resp: 110811

Ion Ratio Lower Upper

95 100

174 98.2 0.0 183.4

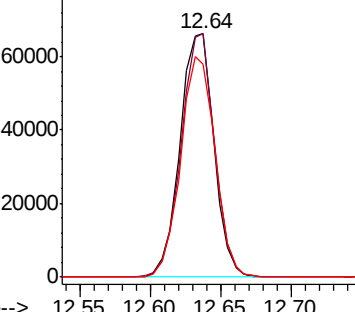
176 92.1 0.0 173.8



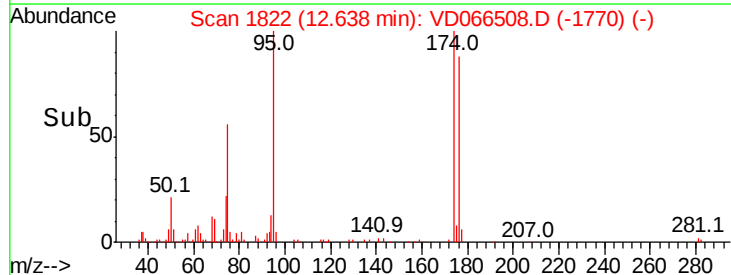
Abundance Ion 94.90 (94.60 to 95.60): VDC

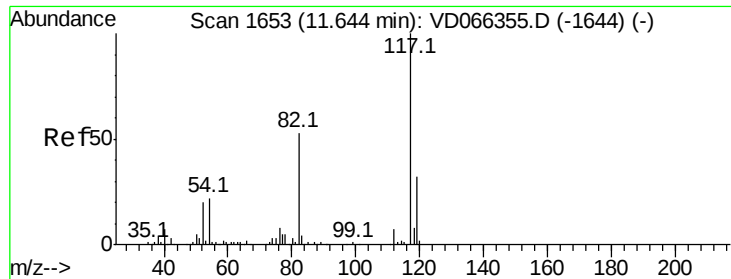
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

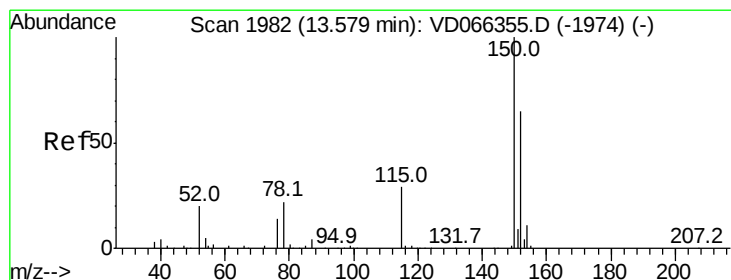
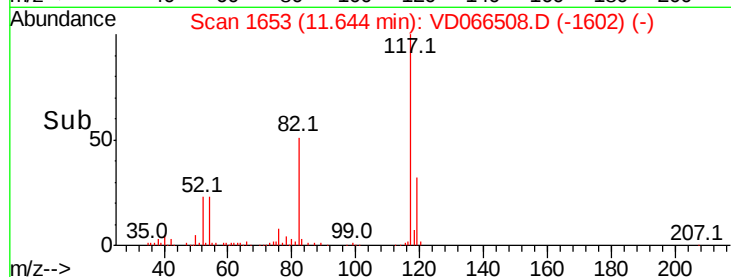
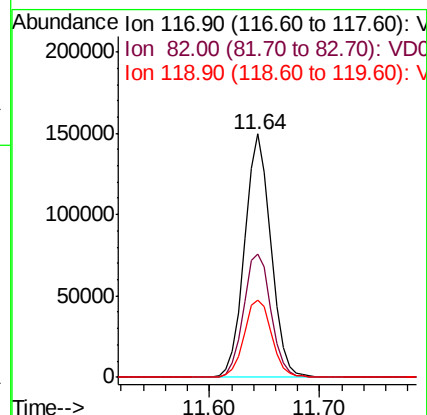
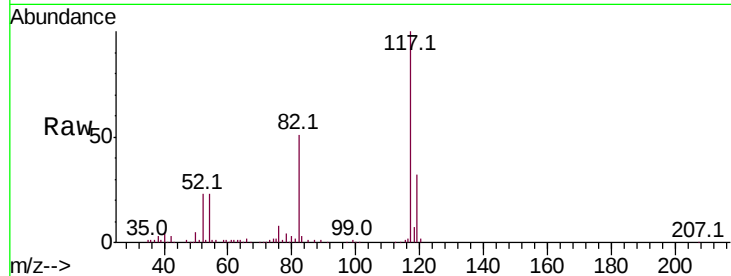




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066508.D
Acq: 01 Sep 2020 20:47

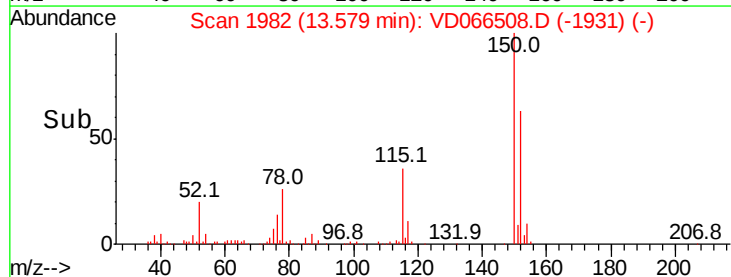
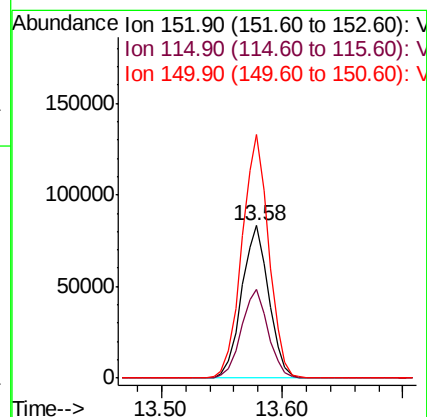
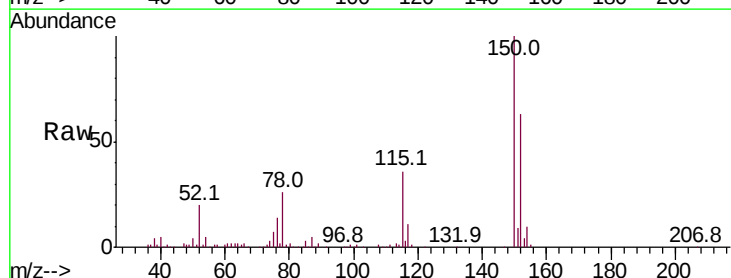
Instrument :
MSVOA_D
ClientSampleId :
209

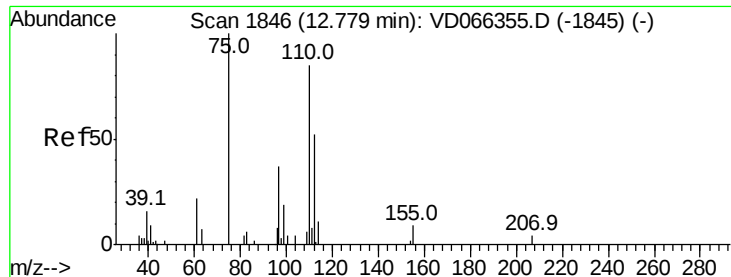
Tot Ion:117 Resp: 250568
Ion Ratio Lower Upper
117 100
82 50.8 42.8 64.2
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066508.D
Acq: 01 Sep 2020 20:47

Tgt Ion:152 Resp: 130468
Ion Ratio Lower Upper
152 100
115 57.4 28.3 85.0
150 157.3 0.0 343.2





#76

1,2,3-Trichloropropane

Concen: 72.033 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066508.D

Acq: 01 Sep 2020 20:47

Instrument :

MSVOA_D

ClientSampleId :

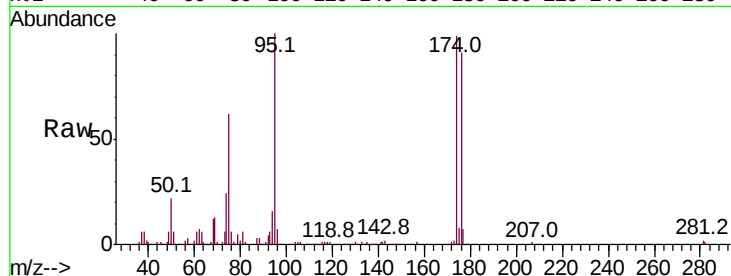
209

Tot Ion: 75 Resp: 66115

Ion Ratio Lower Upper

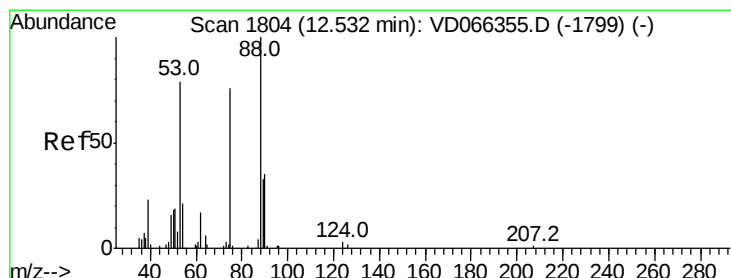
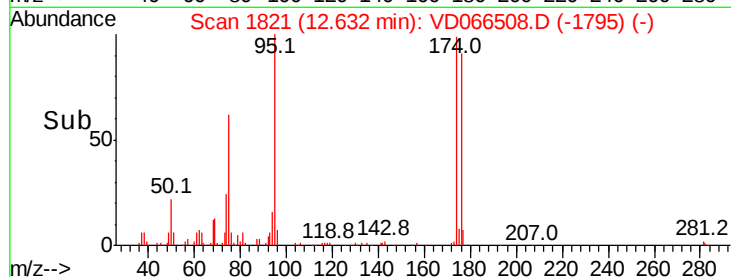
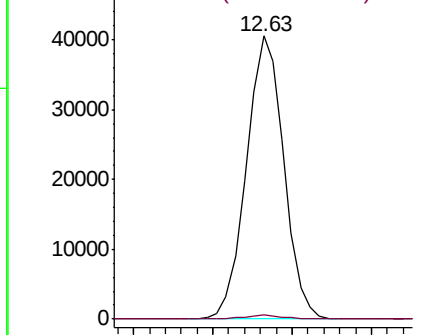
75 100

77 1.4 182.9 548.9#



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: 152.902 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066508.D

Acq: 01 Sep 2020 20:47

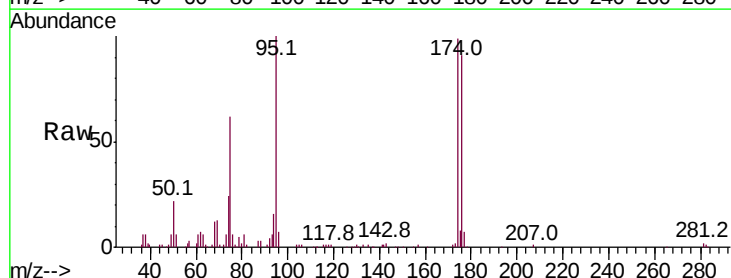
Tgt Ion: 75 Resp: 66115

Ion Ratio Lower Upper

75 100

53 0.0 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

