

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066216.D
 Acq On : 13 Aug 2020 17:56
 Operator : VA/SY
 Sample : L3653-01
 Misc : 7.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BW-STOCK

Quant Time: Aug 14 03:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	300465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	485643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	573483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	326509	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	135181	50.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.86%	
35) Dibromofluoromethane	7.91	113	153368	49.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.70%	
50) Toluene-d8	10.34	98	592952	52.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.63	95	281646	68.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	137.64%	

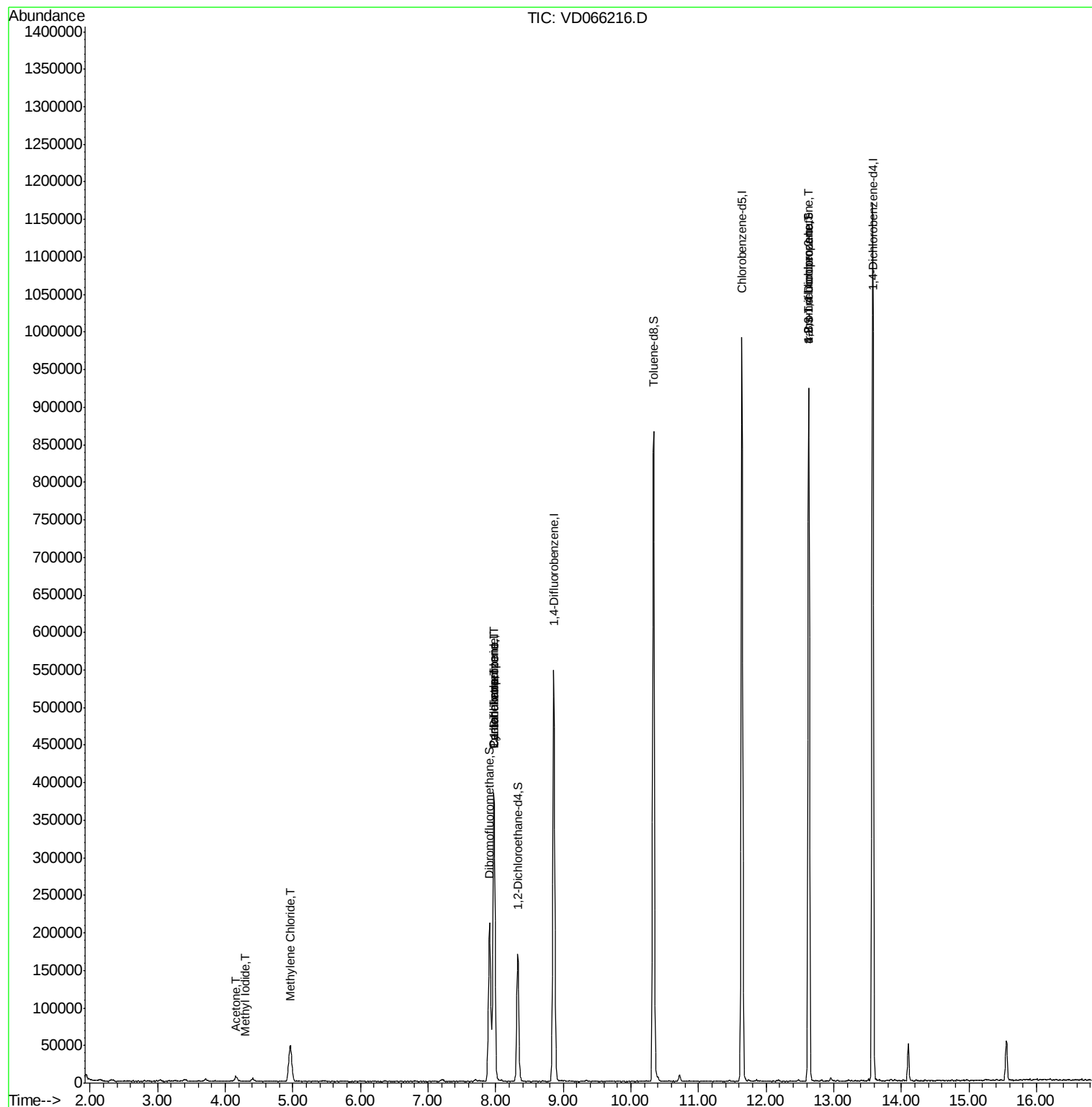
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.30	142	199	6.778	ug/l #	39
11) Tert butyl alcohol	5.23	59	54	Below Cal	#	76
16) Acetone	4.16	43	13024	25.606	ug/l	90
20) Methylene Chloride	4.97	84	38246	9.296	ug/l	91
31) Cyclohexane	7.97	56	6133	1.306	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	20327	4.454	ug/l #	49
38) Carbon Tetrachloride	7.97	117	27750	5.453	ug/l #	14
76) 1,2,3-Trichloropropane	12.63	75	143402	52.666	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	143402	116.421	ug/l #	13

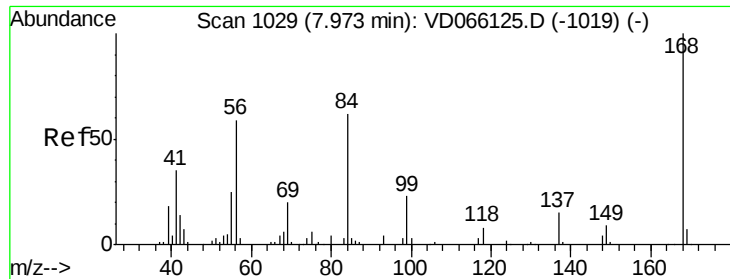
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081320\
Data File : VD066216.D
Acq On : 13 Aug 2020 17:56
Operator : VA/SY
Sample : L3653-01
Misc : 7.30G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BW-STOCK

Quant Time: Aug 14 03:03:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 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: VD066216.D

Acq: 13 Aug 2020 17:56

Instrument :

MSVOA_D

ClientSampleId :

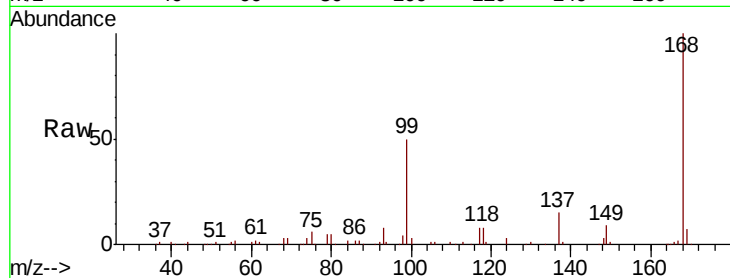
BW-STOCK

Tot Ion:168 Resp: 300465

Ion Ratio Lower Upper

168 100

99 50.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

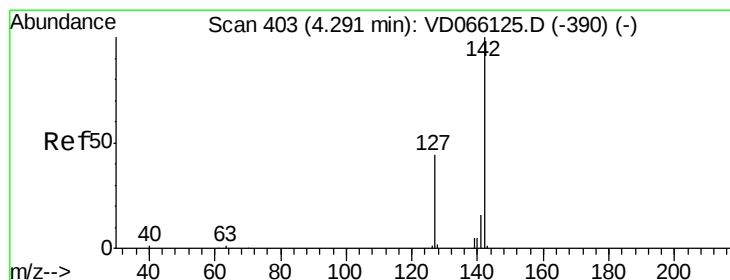
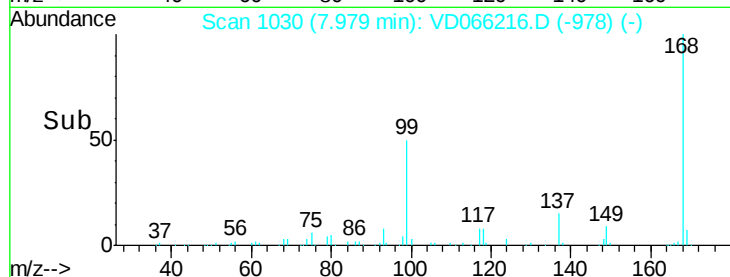
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 6.778 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066216.D

Acq: 13 Aug 2020 17:56

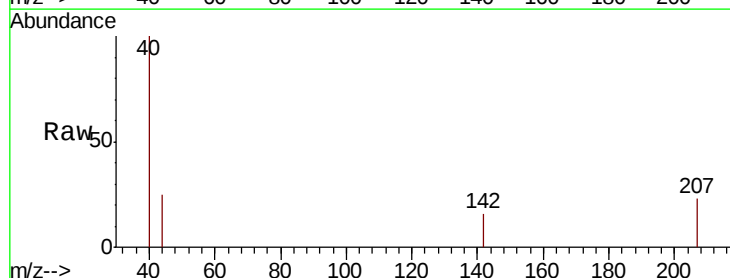
Tgt Ion:142 Resp: 199

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

141 0.0 12.6 18.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

300

250

200

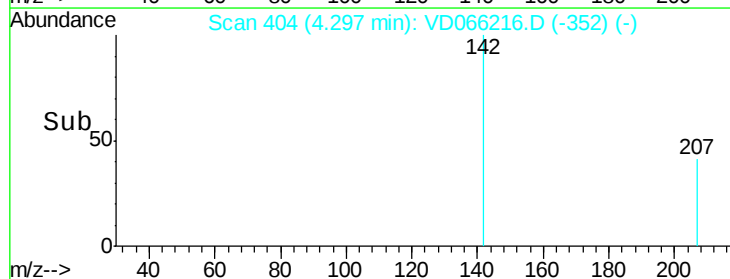
150

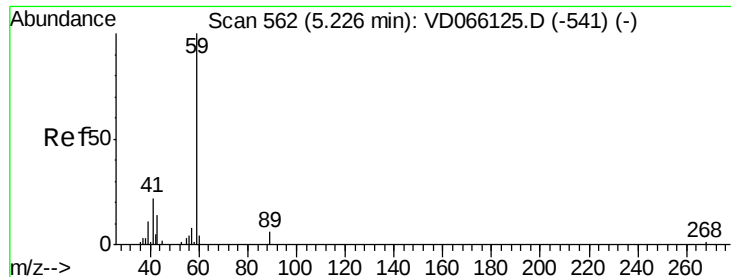
100

50

0

Time-->

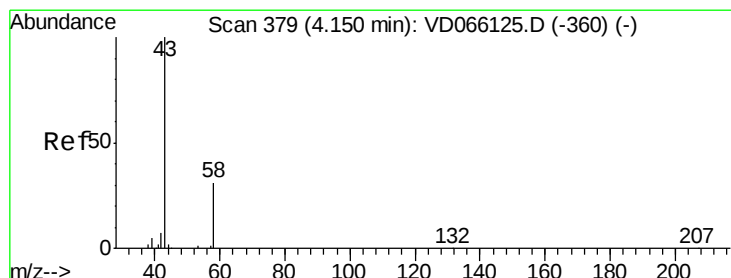
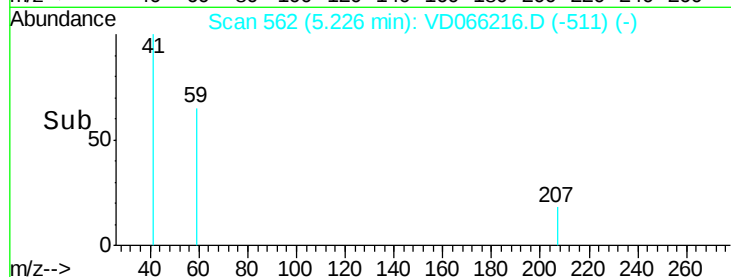
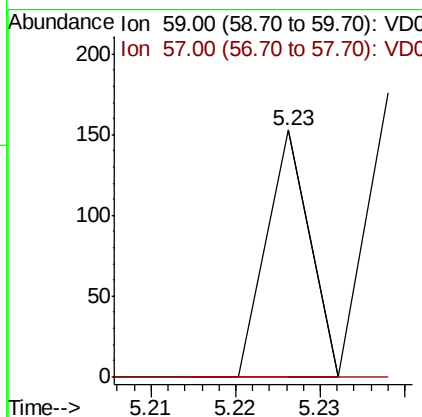
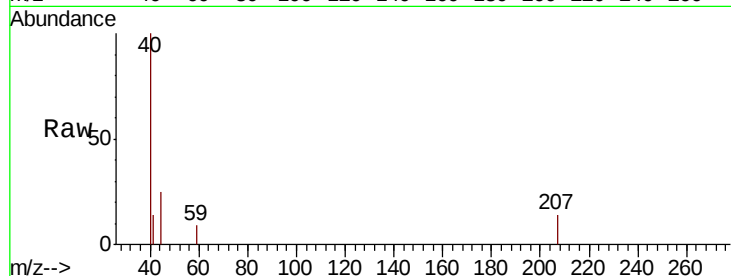




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

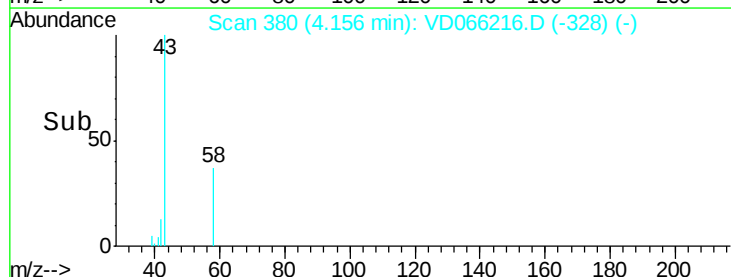
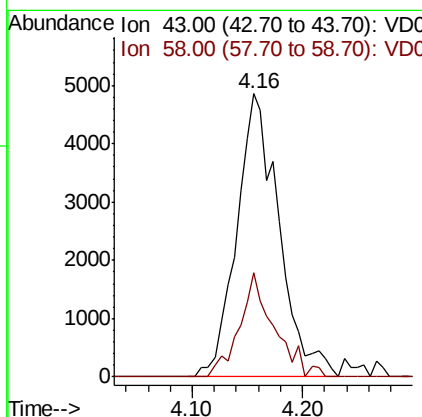
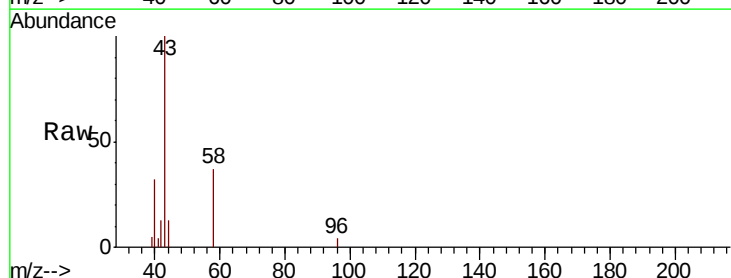
Instrument :
MSVOA_D
ClientSampleId :
BW-STOCK

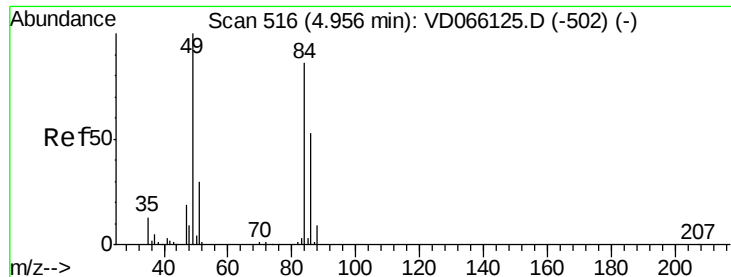
Tot Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.4#



#16
Acetone
Concen: 25.606 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.01 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

Tgt Ion: 43 Resp: 13024
Ion Ratio Lower Upper
43 100
58 36.6 24.7 37.1

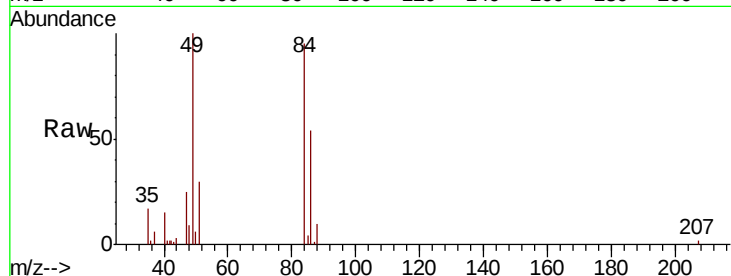




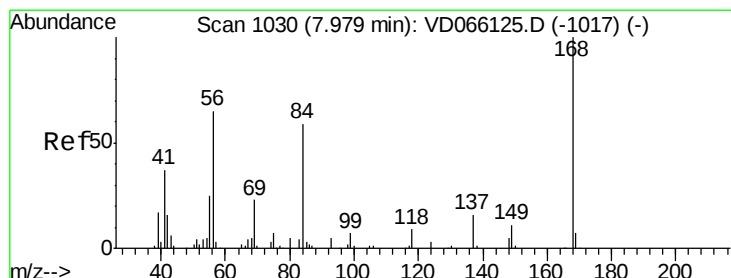
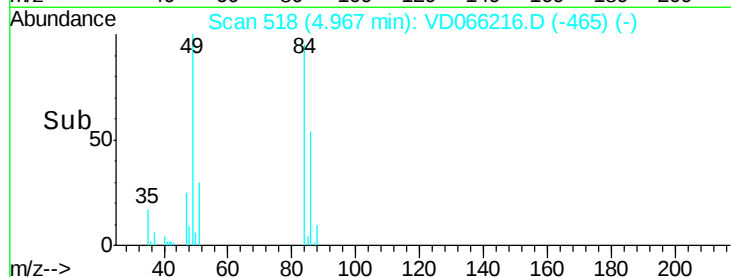
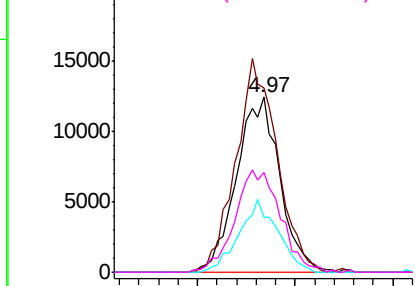
#20
Methvlene Chloride
Concen: 9.296 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

Instrument :
MSVOA_D
ClientSampleId :
BW-STOCK

Tot Ion:	84	Resp:	38246
Ion	Ratio	Lower	Upper
84	100		
49	105.4	93.5	140.3
51	31.3	28.2	42.4
86	57.3	49.5	74.3

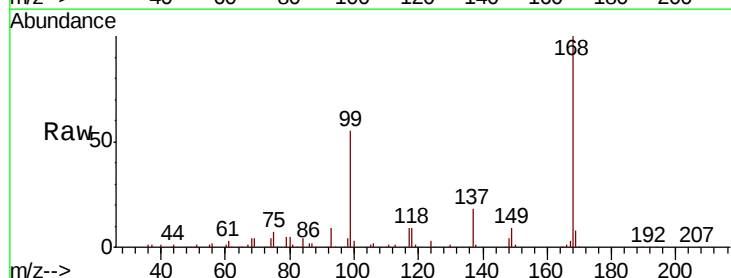


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

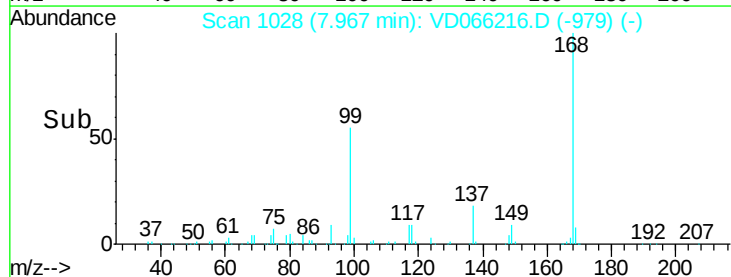
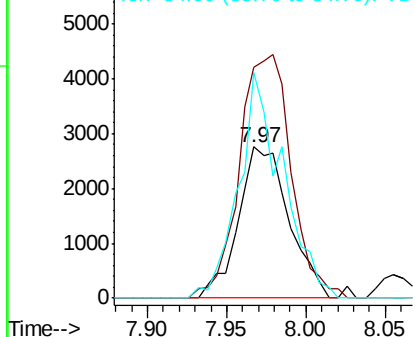


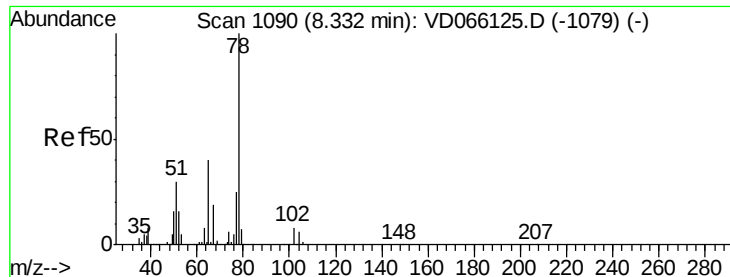
#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

Tgt Ion:	56	Resp:	6133
Ion	Ratio	Lower	Upper
56	100		
69	152.5	28.8	43.2#
84	149.6	73.0	109.6#



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: 50.429 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066216.D

Acq: 13 Aug 2020 17:56

Instrument :

MSVOA_D

ClientSampleId :

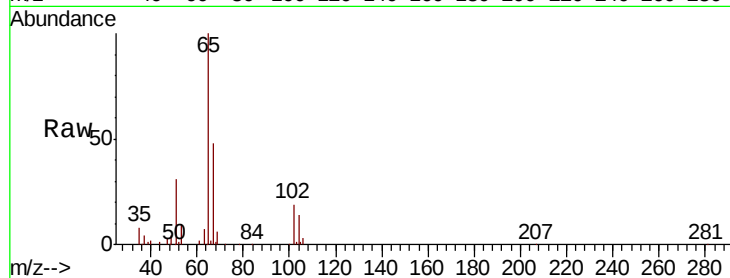
BW-STOCK

Tot Ion: 65 Resp: 135181

Ion Ratio Lower Upper

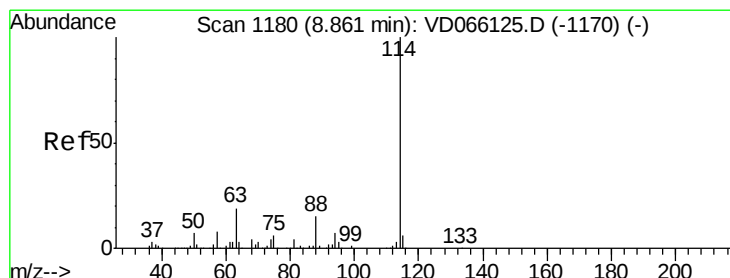
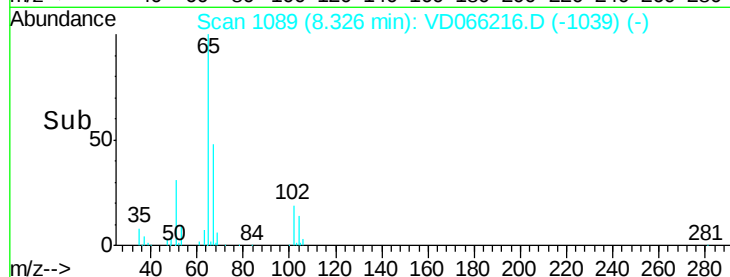
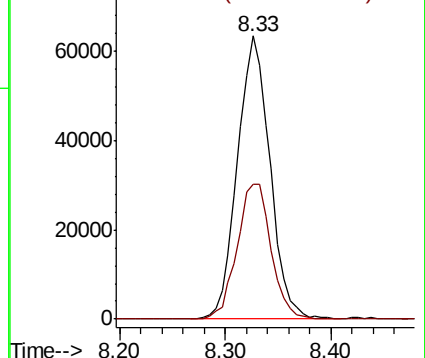
65 100

67 49.9 0.0 104.6



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: VD066216.D

Acq: 13 Aug 2020 17:56

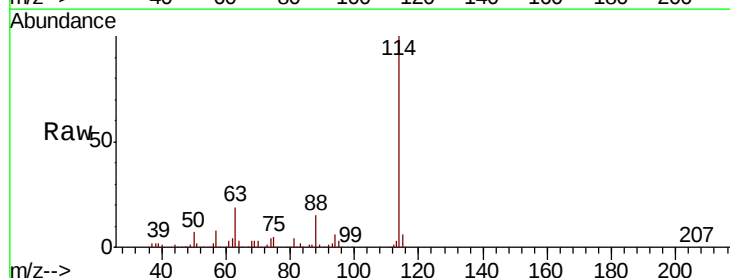
Tgt Ion: 114 Resp: 485643

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

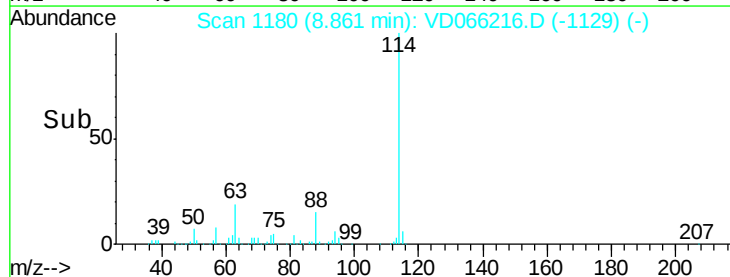
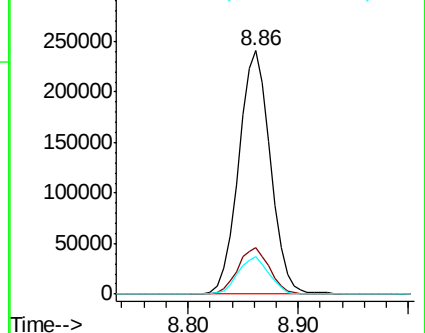
88 15.2 0.0 30.0

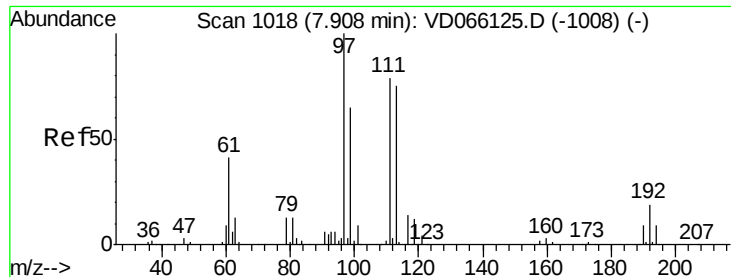


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

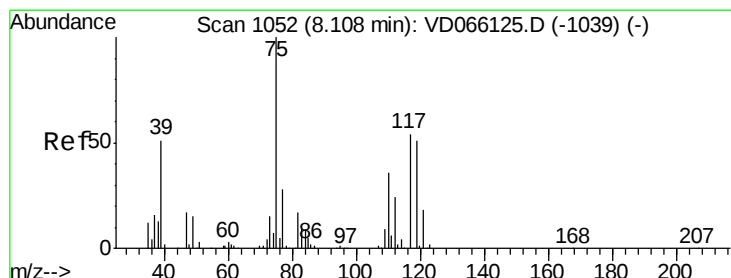
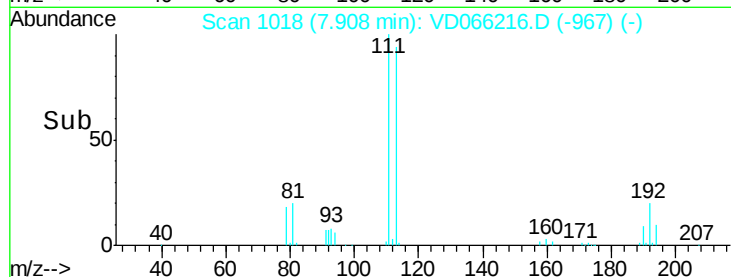
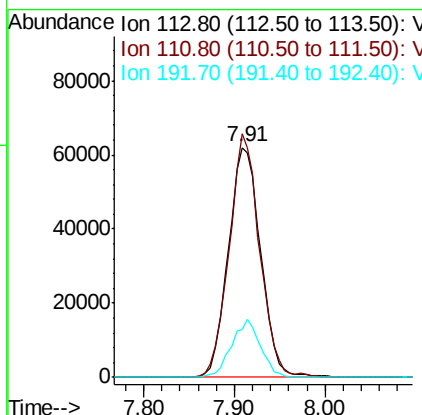
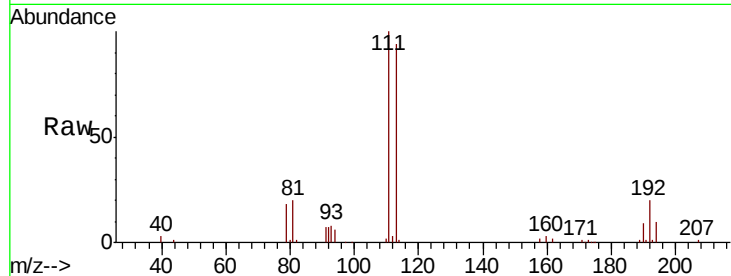




#35
 Dibromofluoromethane
 Concen: 49.851 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066216.D
 Acq: 13 Aug 2020 17:56

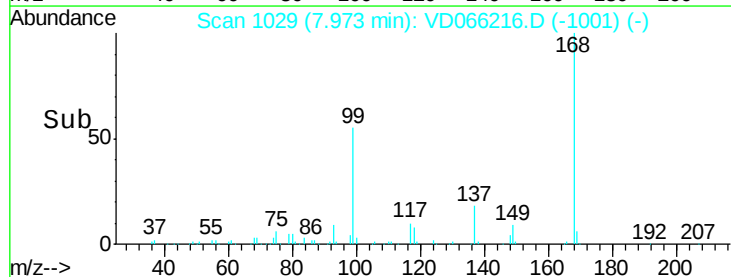
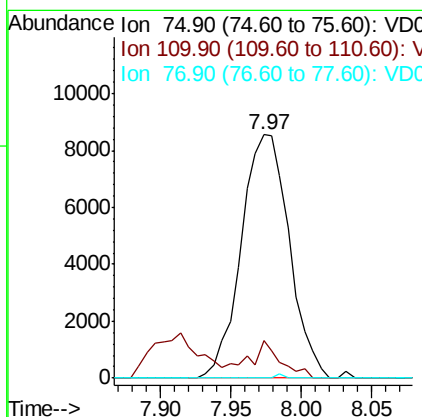
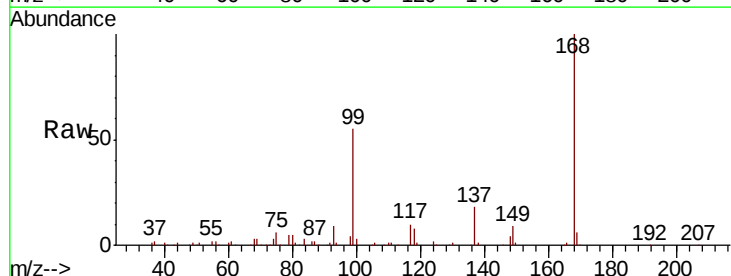
Instrument :
 MSVOA_D
 ClientSampleId :
 BW-STOCK

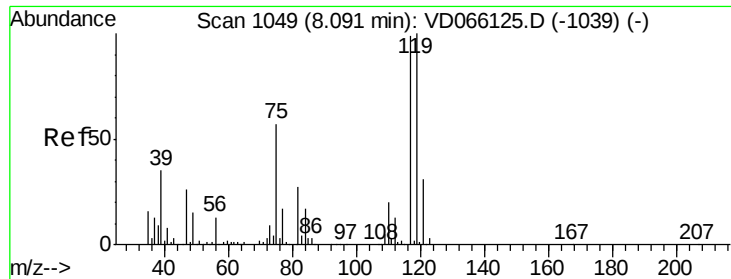
Tot Ion:113 Resp: 153368
 Ion Ratio Lower Upper
 113 100
 111 99.9 80.7 121.1
 192 22.7 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 4.454 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066216.D
 Acq: 13 Aug 2020 17:56

Tgt Ion: 75 Resp: 20327
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.8 56.3#
 77 0.3 24.2 36.2#

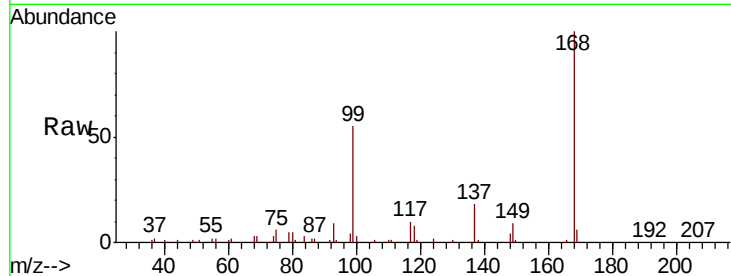




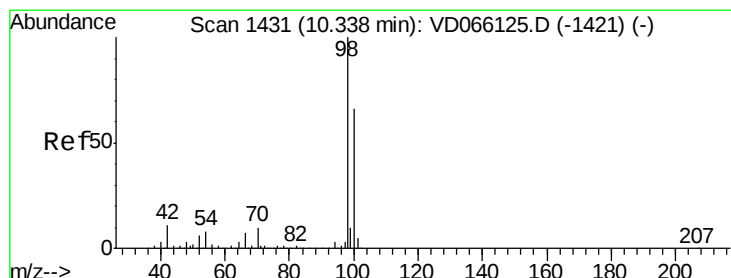
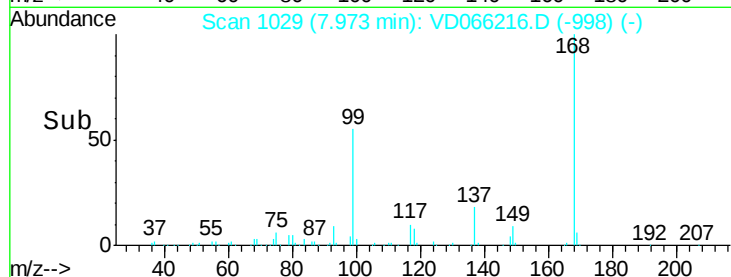
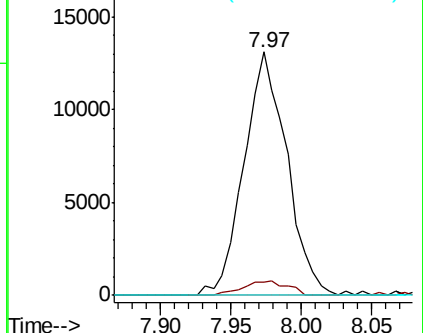
#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

Instrument :
MSVOA_D
ClientSampleId :
BW-STOCK

Tot Ion:117 Resp: 27750
Ion Ratio Lower Upper
117 100
119 5.6 81.0 121.4#
121 0.0 24.8 37.2#

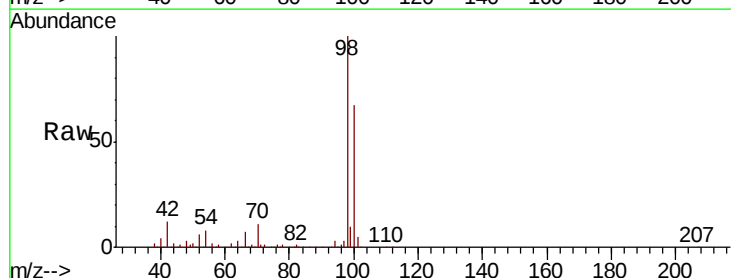


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

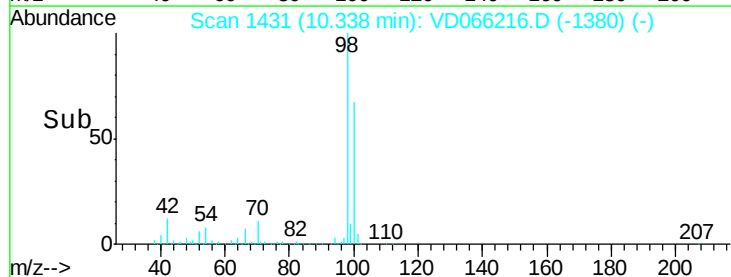
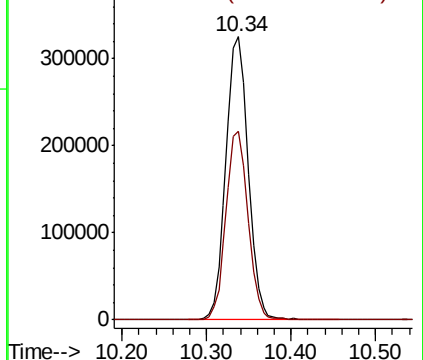


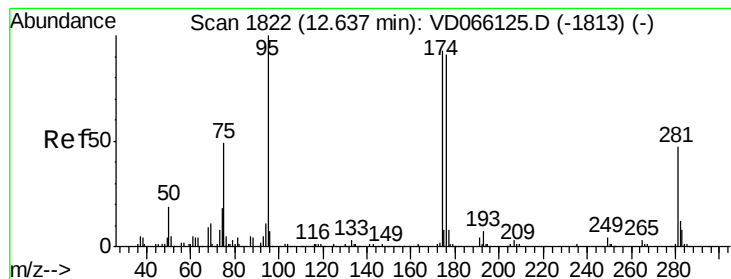
#50
Toluene-d8
Concen: 52.229 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066216.D
Acq: 13 Aug 2020 17:56

Tgt Ion: 98 Resp: 592952
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



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





#62

4-Bromofluorobenzene

Concen: 68.823 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066216.D

Acq: 13 Aug 2020 17:56

Instrument :

MSVOA_D

ClientSampleId :

BW-STOCK

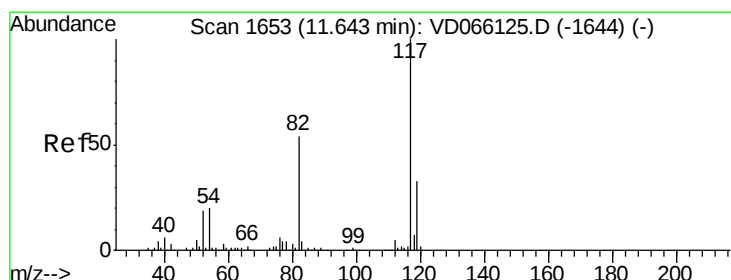
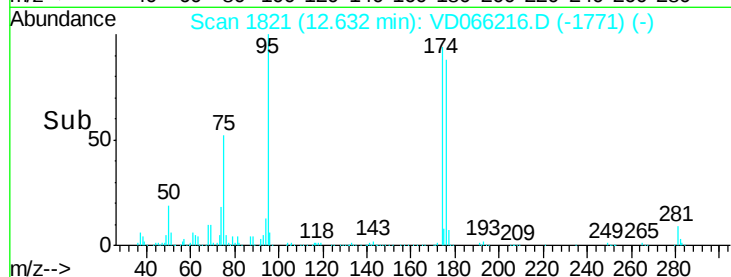
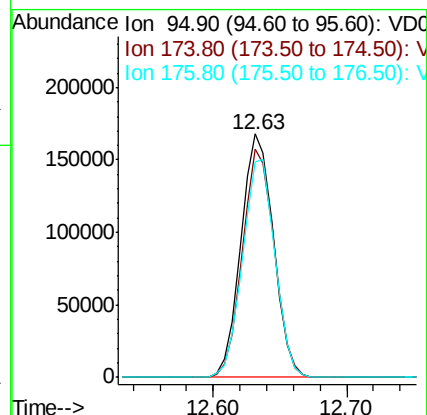
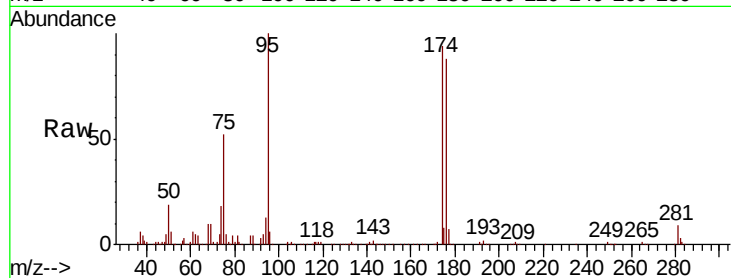
Tot Ion: 95 Resp: 281646

Ion Ratio Lower Upper

95 100

174 92.0 0.0 180.8

176 89.4 0.0 181.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066216.D

Acq: 13 Aug 2020 17:56

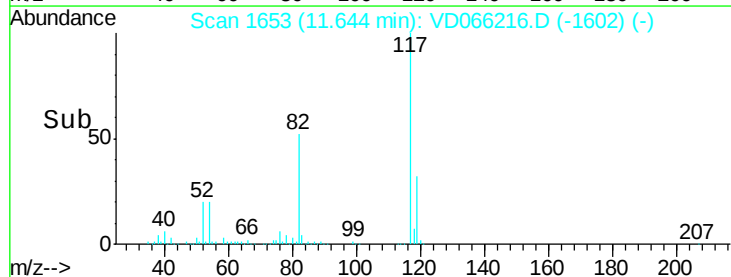
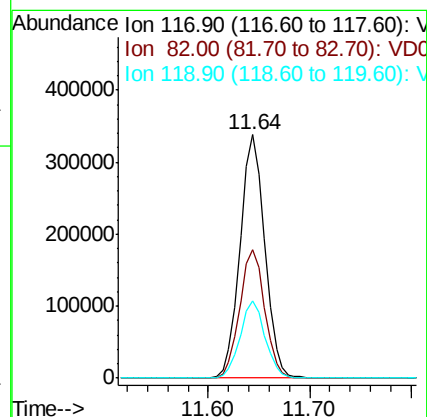
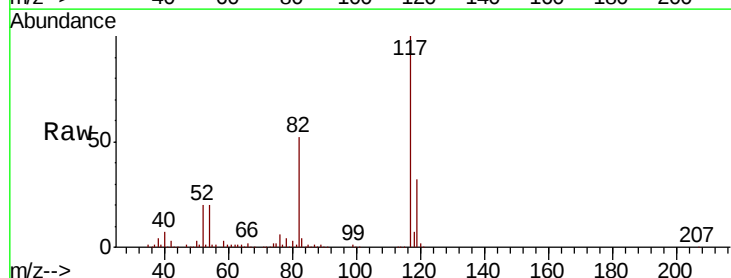
Tgt Ion: 117 Resp: 573483

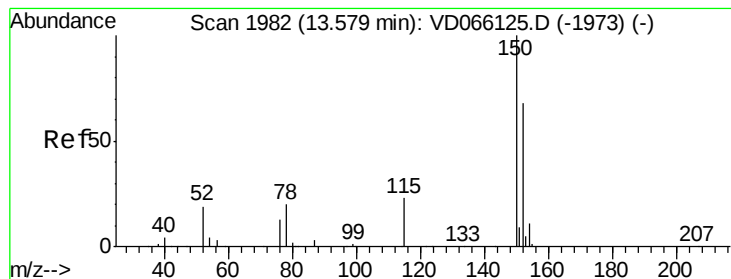
Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

119 31.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066216.D

Acq: 13 Aug 2020 17:56

Instrument :

MSVOA_D

ClientSampleId :

BW-STOCK

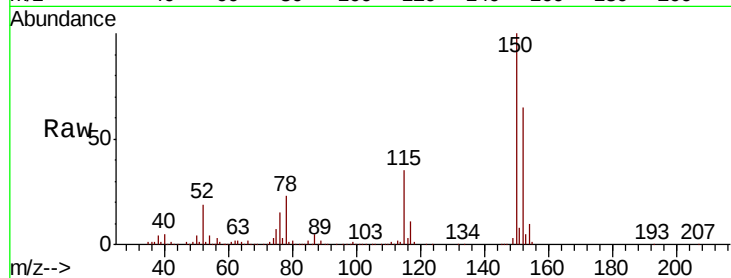
Tot Ion:152 Resp: 326509

Ion Ratio Lower Upper

152 100

115 54.7 28.0 83.9

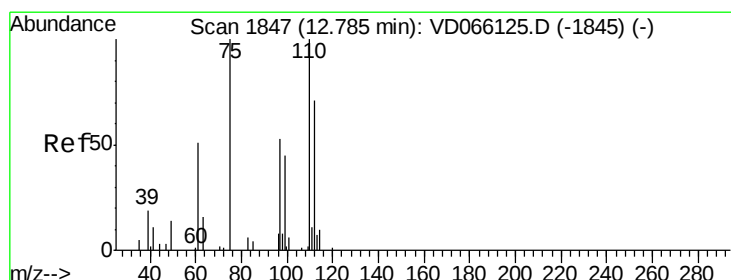
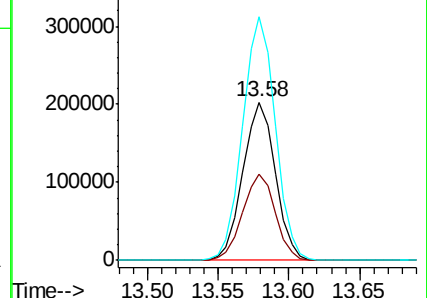
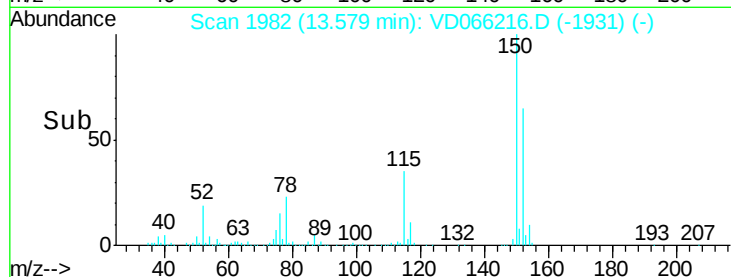
150 155.1 0.0 346.4



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: 52.666 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066216.D

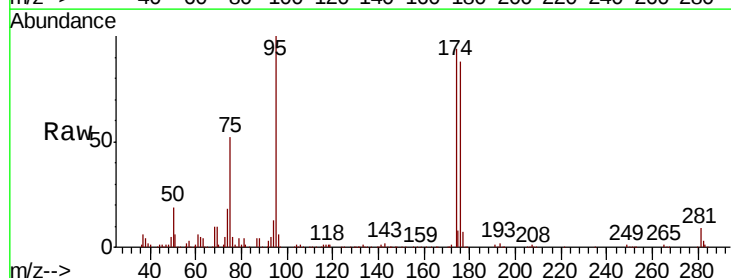
Acq: 13 Aug 2020 17:56

Tgt Ion: 75 Resp: 143402

Ion Ratio Lower Upper

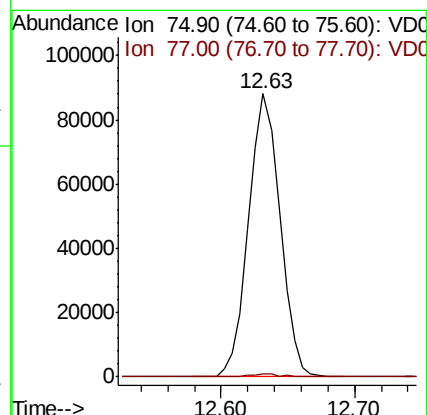
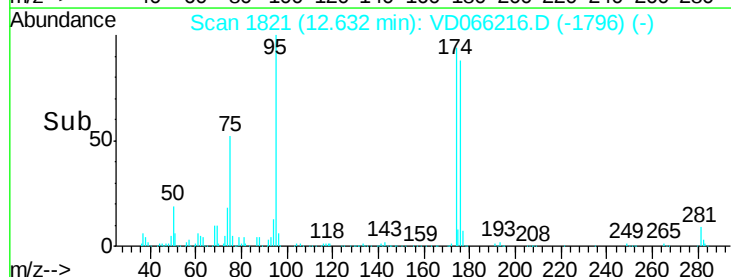
75 100

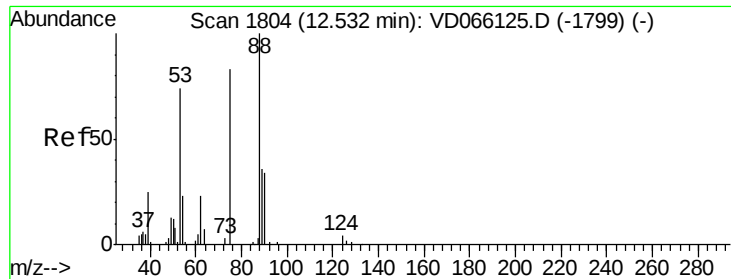
77 0.9 0.0 0.0#



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: 116.421 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066216.D

Acq: 13 Aug 2020 17:56

Instrument :

MSVOA_D

ClientSampleId :

BW-STOCK

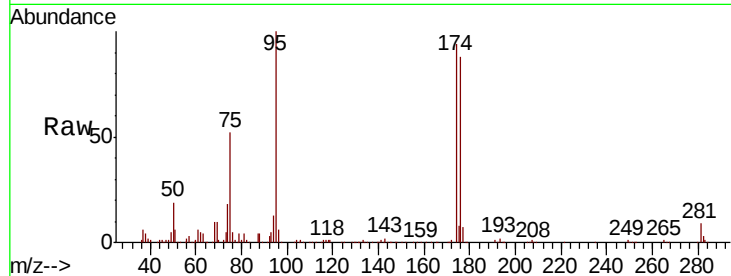
Tot Ion: 75 Resp: 143402

Ion Ratio Lower Upper

75 100

53 0.1 73.4 110.2#

89 0.2 36.6 55.0#



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

