

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066615.D
 Acq On : 10 Sep 2020 14:48
 Operator : VA/SY
 Sample : L3896-01
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Sep 11 02:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	293361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	567922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	455722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	125833	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	231515	65.23	ug/l	0.00
Spiked Amount			Recovery	=	130.46%	
35) Dibromofluoromethane	7.91	113	210256	54.88	ug/l	0.00
Spiked Amount			Recovery	=	109.76%	
50) Toluene-d8	10.34	98	658857	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.63	95	159285	35.08	ug/l	0.00
Spiked Amount			Recovery	=	70.16%	

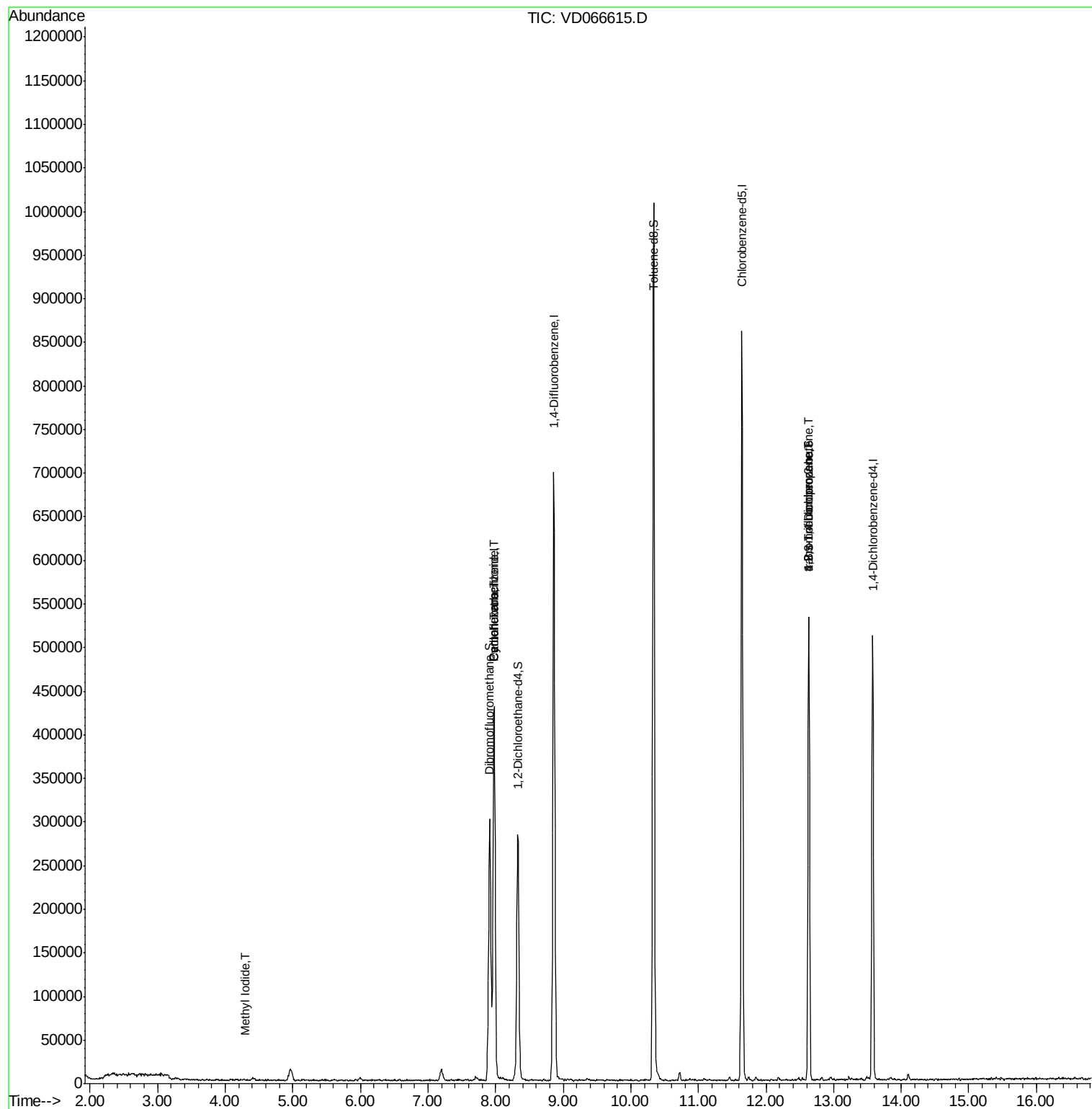
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	854	Below Cal		77
5) Bromomethane	2.78	94	568	Below Cal	#	62
10) Methyl Iodide	4.30	142	92	4.051	ug/l #	35
11) Tert butyl alcohol	5.21	59	242	Below Cal	#	74
20) Methylene Chloride	4.97	84	9800	Below Cal	#	79
31) Cyclohexane	7.98	56	9137	1.578	ug/l #	25
38) Carbon Tetrachloride	7.98	117	33736	5.400	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	94683	78.239	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	94683	182.661	ug/l #	7

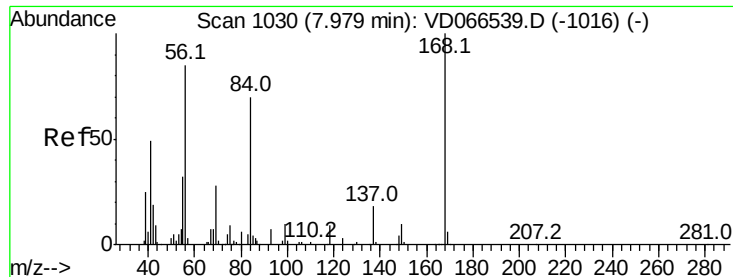
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066615.D
Acq On : 10 Sep 2020 14:48
Operator : VA/SY
Sample : L3896-01
Misc : 5.09G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Quant Time: Sep 11 02:08:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

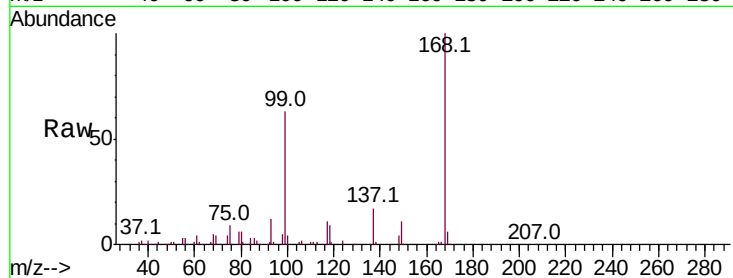
WC-1

Tot Ion:168 Resp: 293361

Ion Ratio Lower Upper

168 100

99 63.1 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

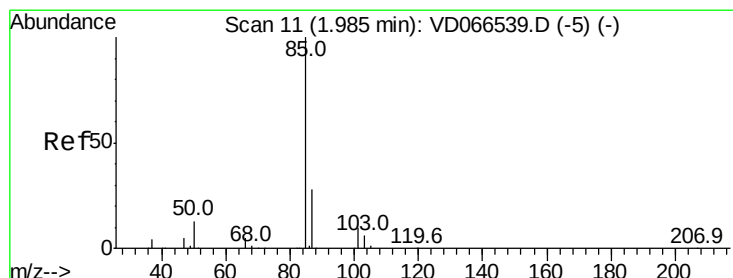
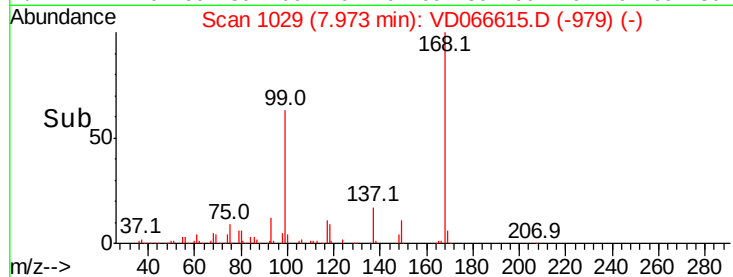
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066615.D

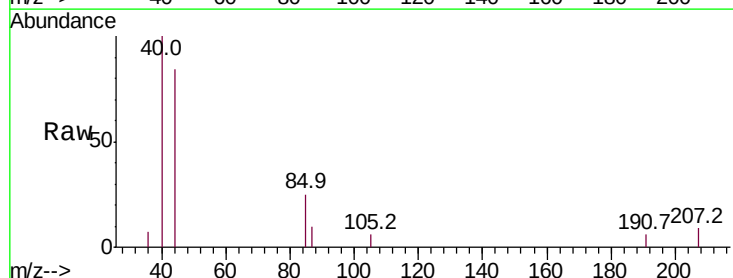
Acq: 10 Sep 2020 14:48

Tgt Ion: 85 Resp: 854

Ion Ratio Lower Upper

85 100

87 40.5 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

800

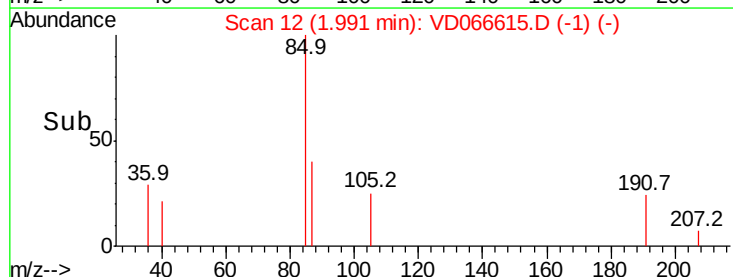
600

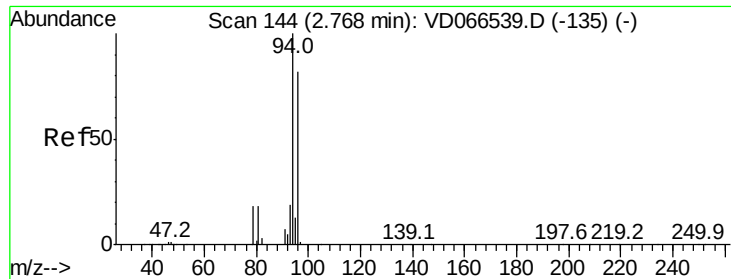
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampled :

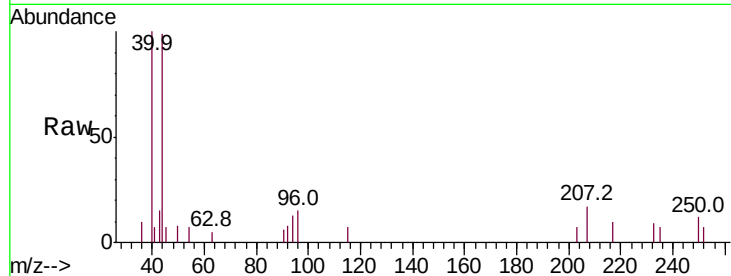
WC-1

Tot Ion: 94 Resp: 568

Ion Ratio Lower Upper

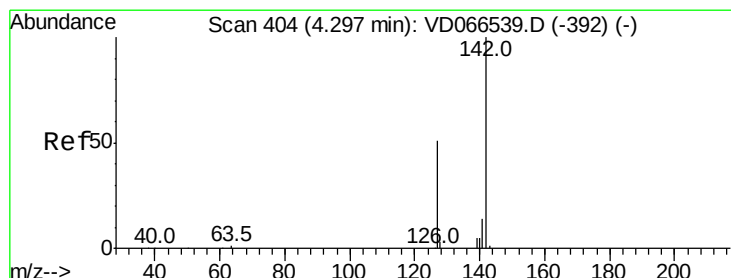
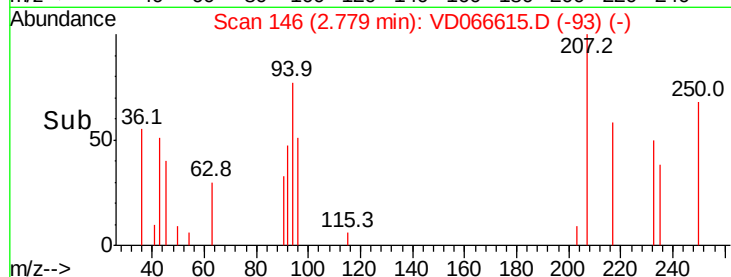
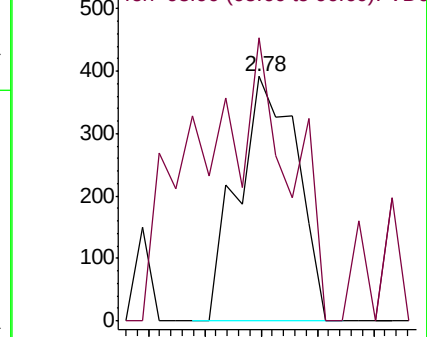
94 100

96 115.6 65.2 97.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#10

Methyl Iodide

Concen: 4.051 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

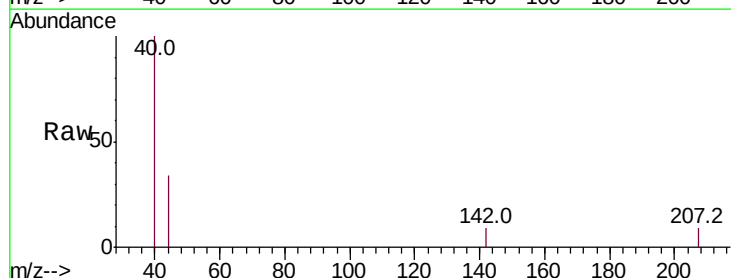
Tgt Ion: 142 Resp: 92

Ion Ratio Lower Upper

142 100

127 0.0 40.6 61.0#

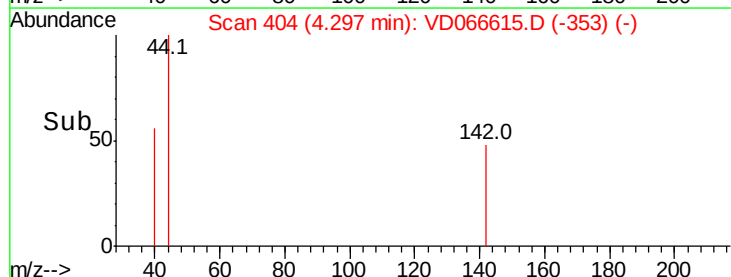
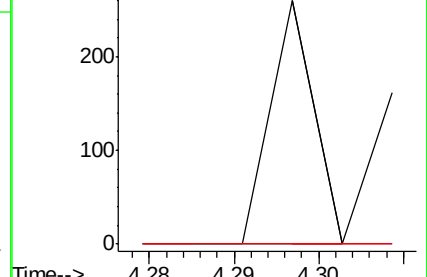
141 0.0 12.2 18.4#

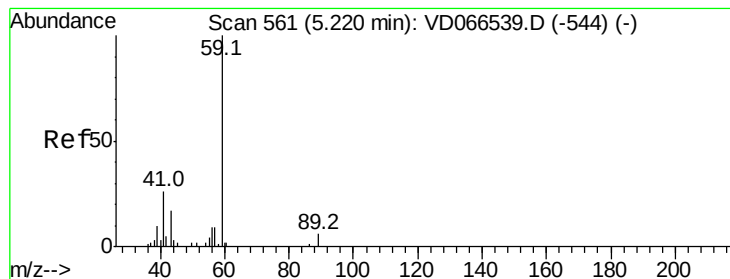


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



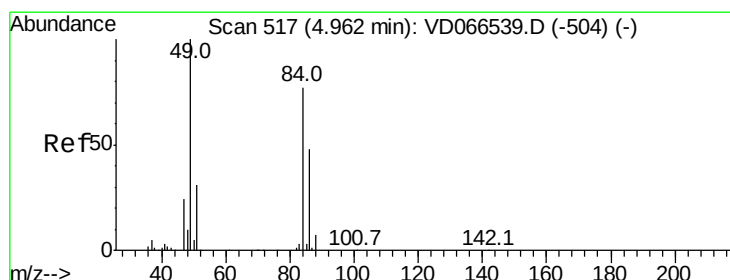
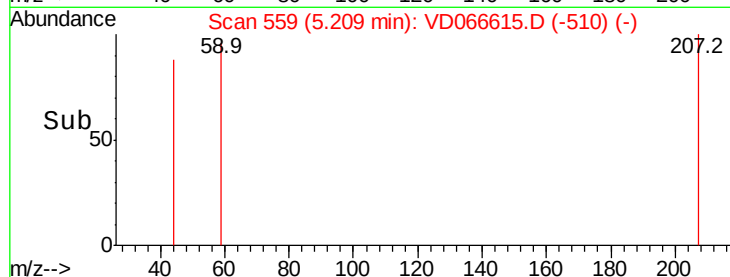
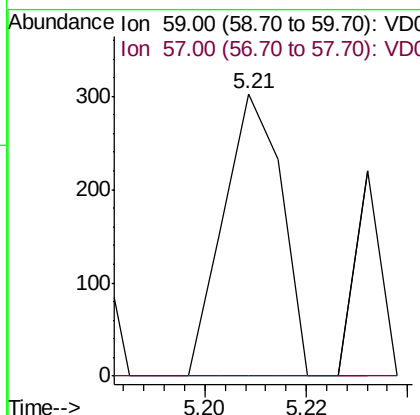
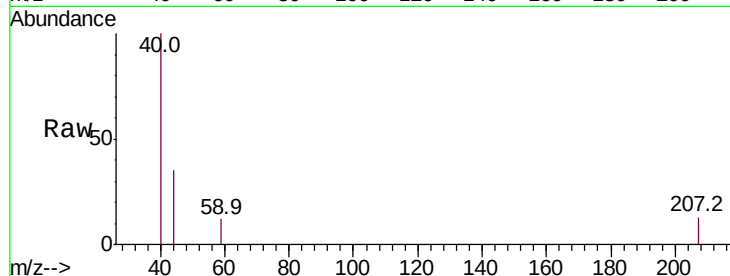


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD066615.D
 Acq: 10 Sep 2020 14:48

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

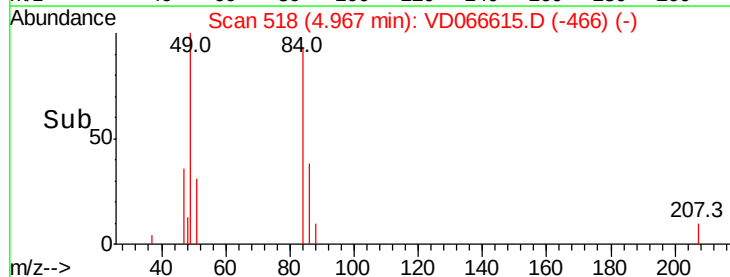
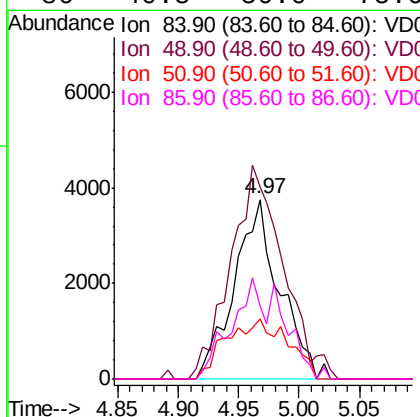
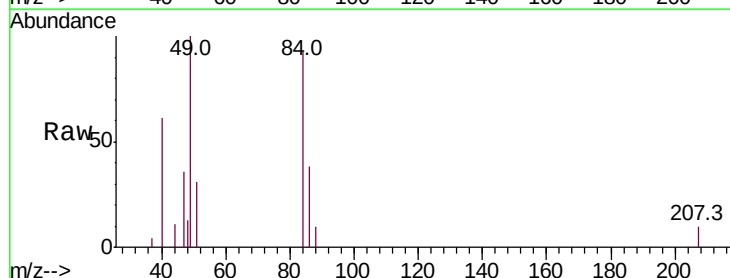
Tot Ion: 59 Resp: 242
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

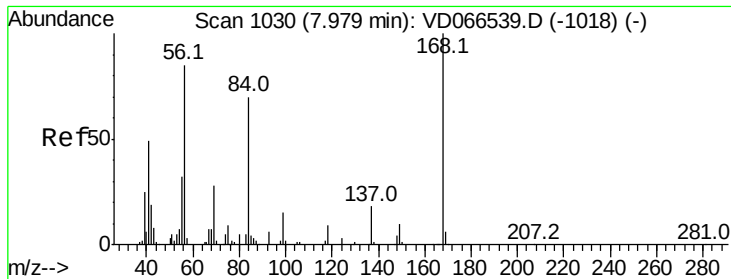


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD066615.D
 Acq: 10 Sep 2020 14:48

Tgt Ion: 84 Resp: 9800
 Ion Ratio Lower Upper
 84 100
 49 107.3 104.3 156.5
 51 33.6 32.2 48.4
 86 40.5 50.0 75.0#

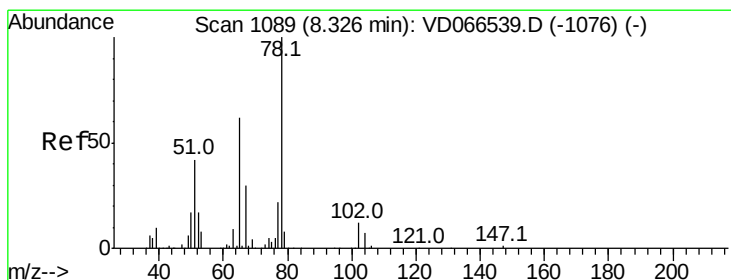
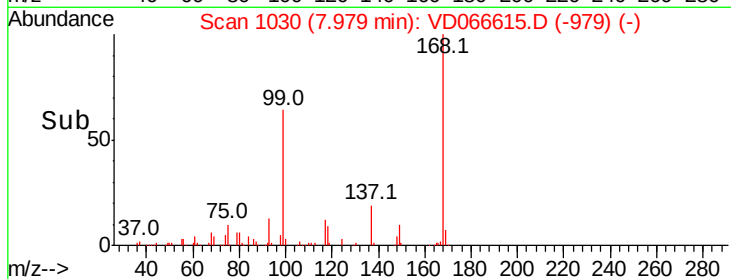
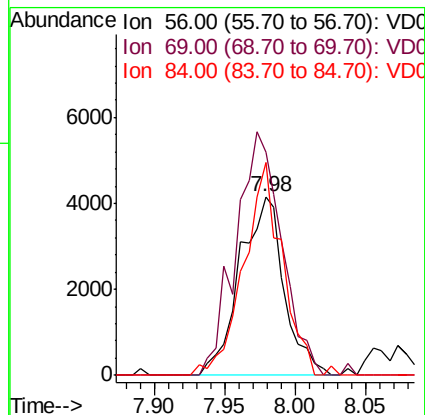
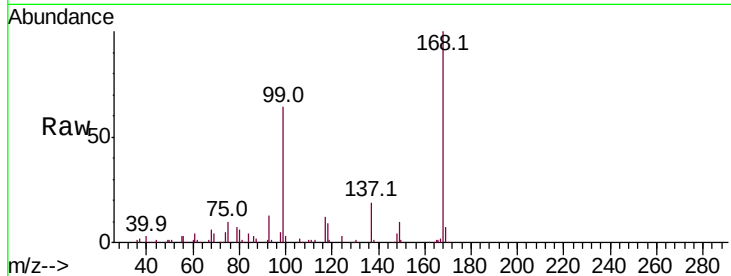




#31
Cyclohexane
Concen: 1.578 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066615.D
Acq: 10 Sep 2020 14:48

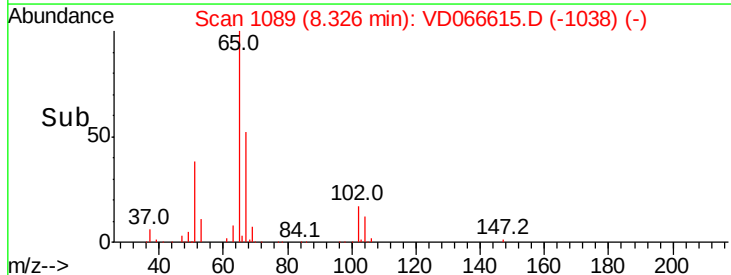
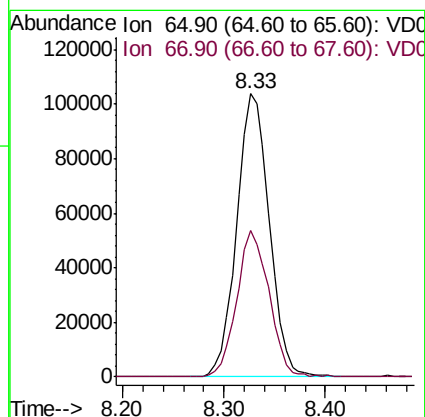
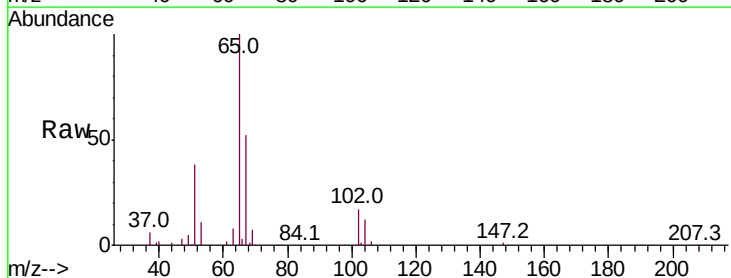
Instrument :
MSVOA_D
ClientSampleID :
WC-1

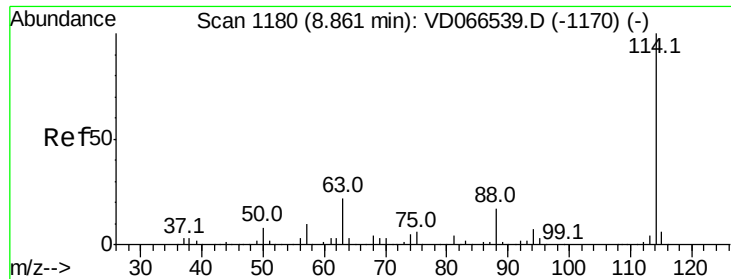
Tot Ion: 56 Resp: 9137
Ion Ratio Lower Upper
56 100
69 124.6 26.3 39.5#
84 119.0 66.1 99.1#



#33
1,2-Dichloroethane-d4
Concen: 65.227 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066615.D
Acq: 10 Sep 2020 14:48

Tgt Ion: 65 Resp: 231515
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

WC-1

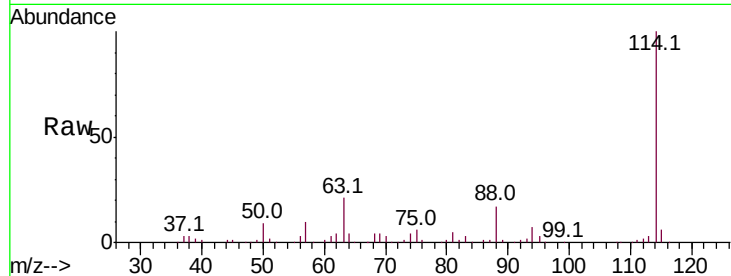
Tot Ion:114 Resp: 567922

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

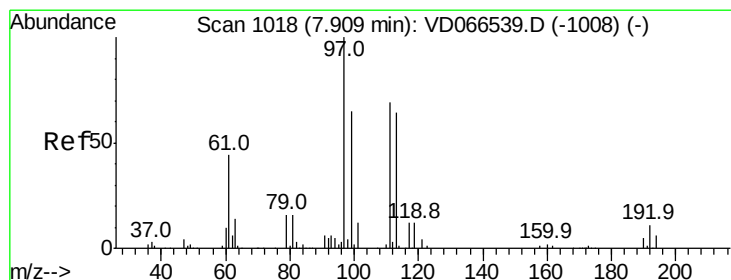
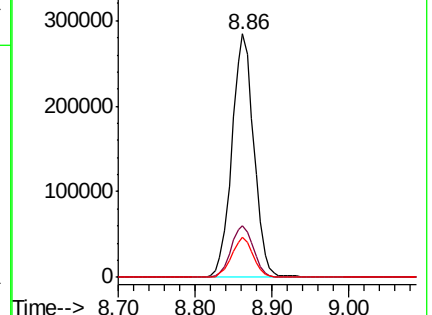
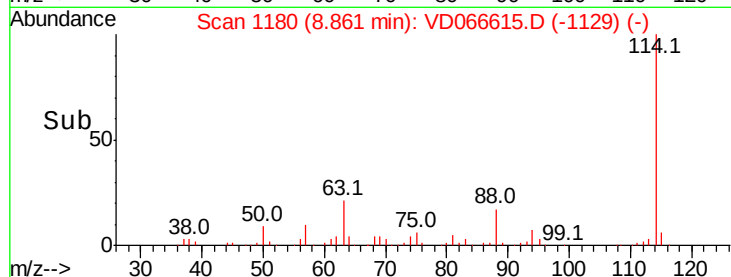
88 16.5 0.0 33.2



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: 54.879 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

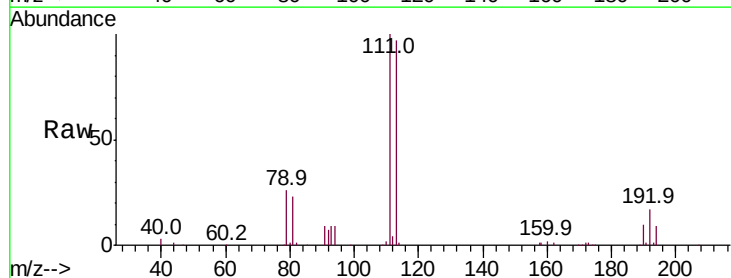
Tgt Ion:113 Resp: 210256

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

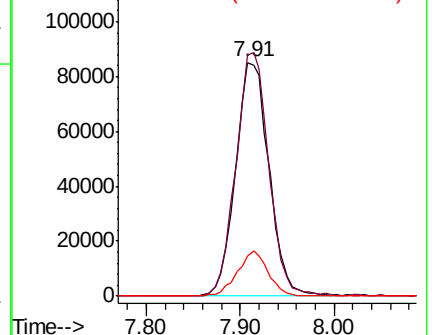
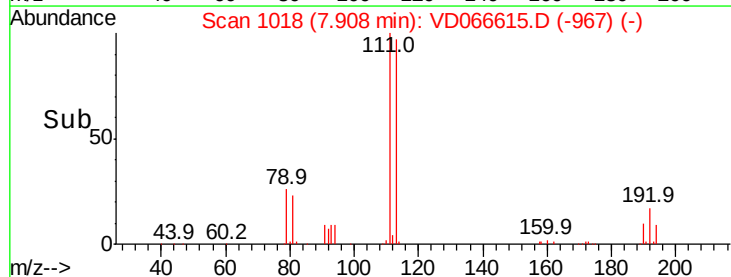
192 17.7 13.7 20.5

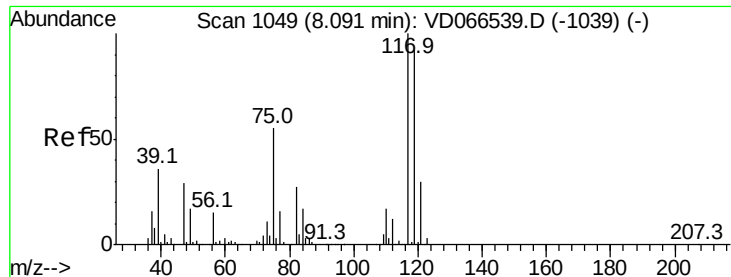


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 5.400 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.11 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

WC-1

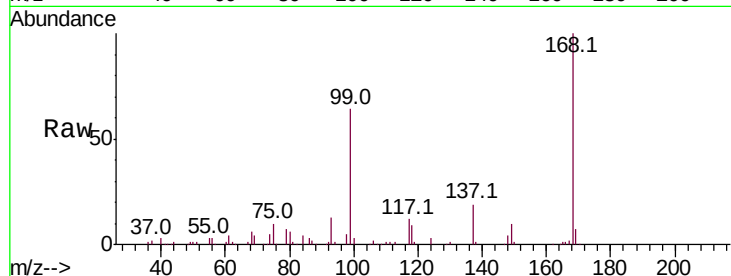
Tot Ion:117 Resp: 33736

Ion Ratio Lower Upper

117 100

119 4.8 73.9 110.9#

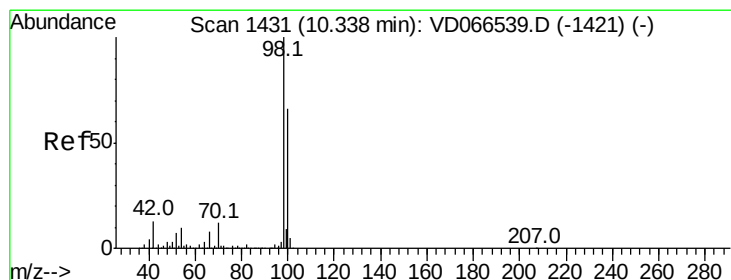
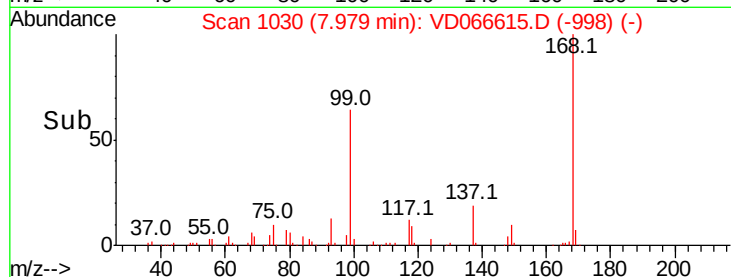
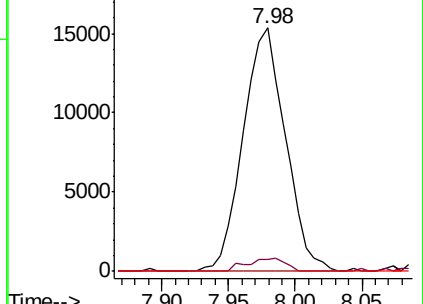
121 0.0 24.1 36.1#



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: 48.115 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066615.D

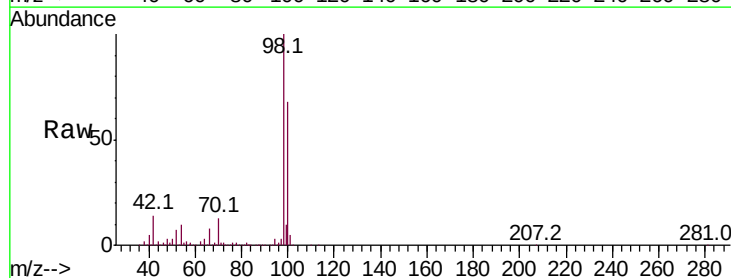
Acq: 10 Sep 2020 14:48

Tgt Ion: 98 Resp: 658857

Ion Ratio Lower Upper

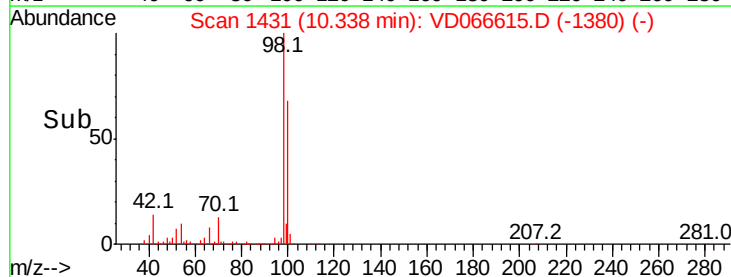
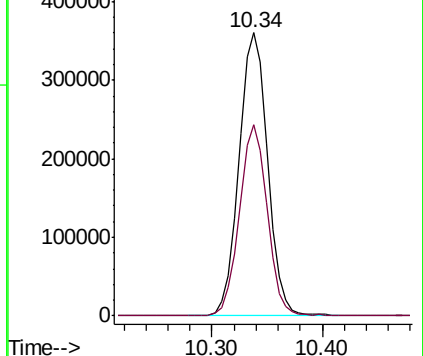
98 100

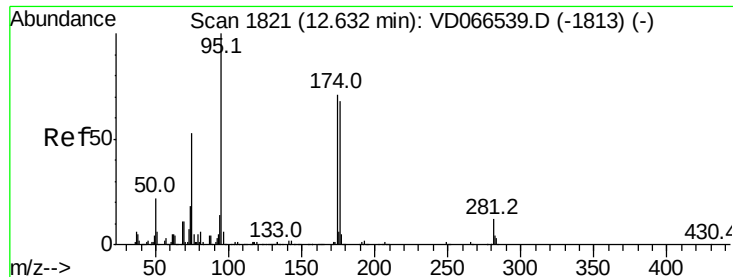
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 35.080 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampled :

WC-1

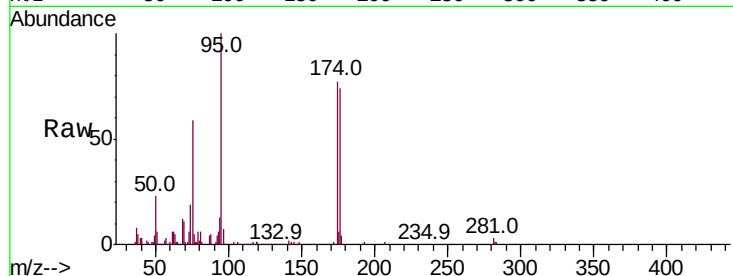
Tot Ion: 95 Resp: 159285

Ion Ratio Lower Upper

95 100

174 77.9 0.0 155.8

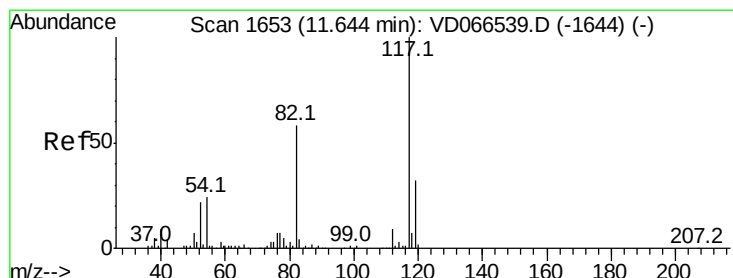
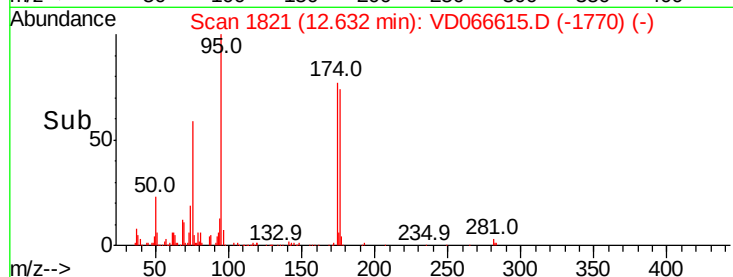
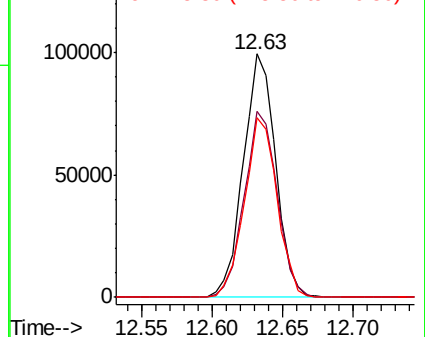
176 74.8 0.0 148.6



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: VD066615.D

Acq: 10 Sep 2020 14:48

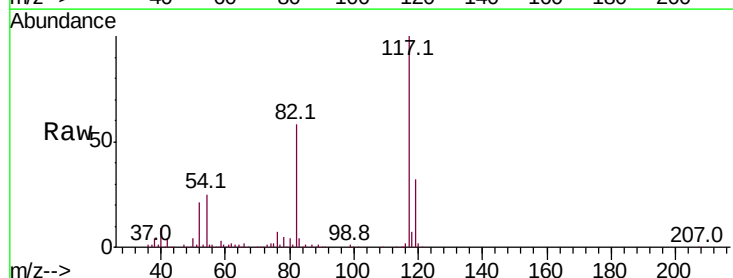
Tgt Ion: 117 Resp: 455722

Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.2

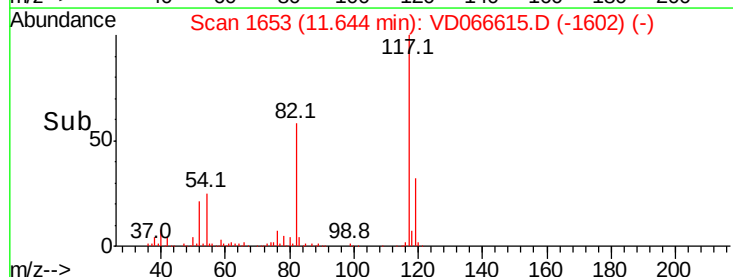
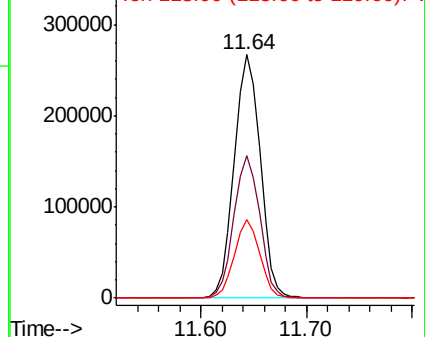
119 32.3 25.8 38.8

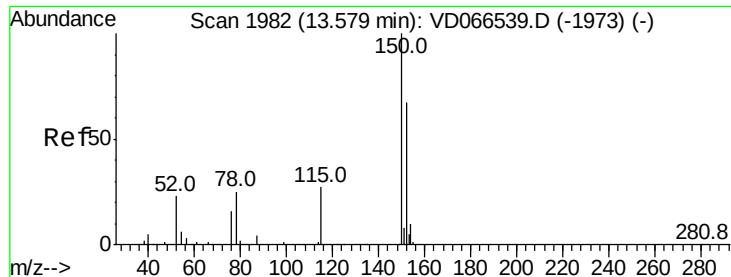


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



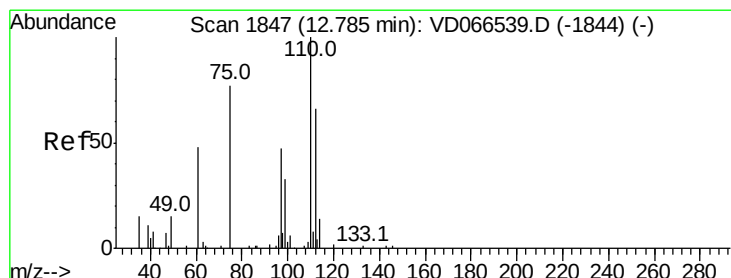
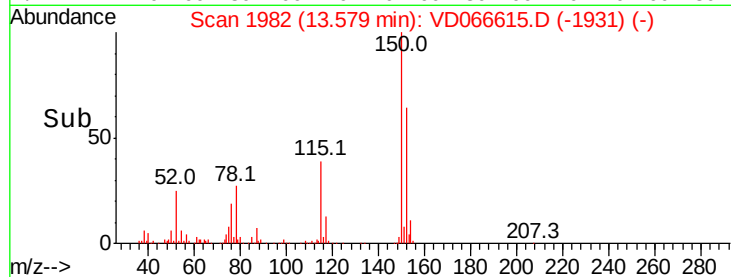
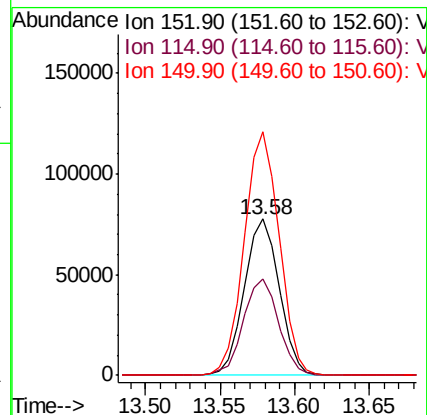
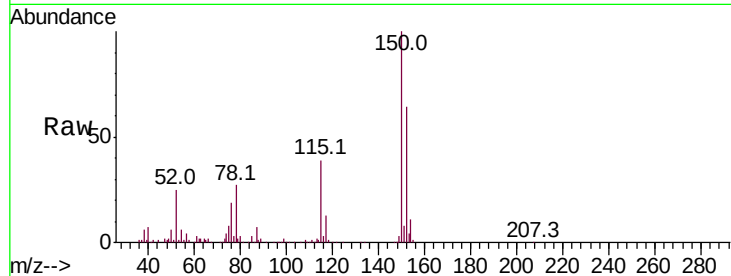


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066615.D
Acq: 10 Sep 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
WC-1

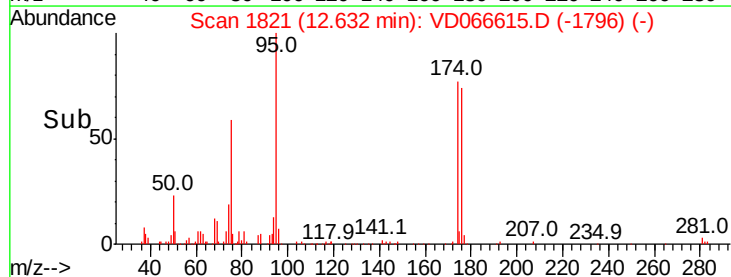
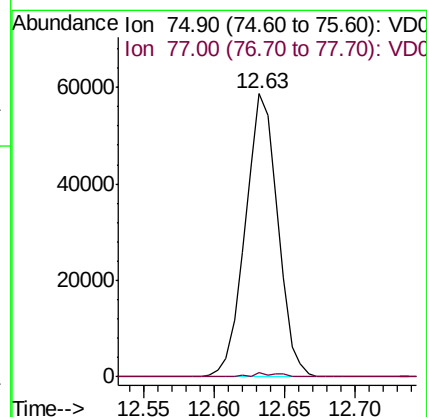
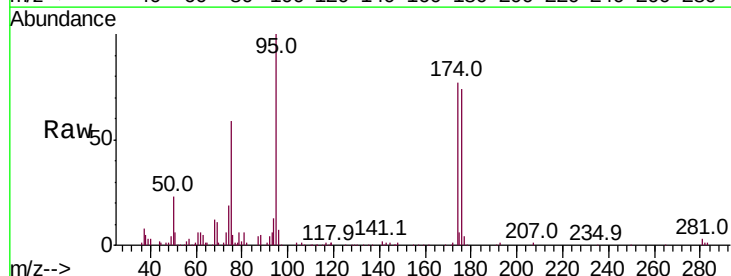
Tot Ion:152 Resp: 125833
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.2
150 156.0 0.0 345.8

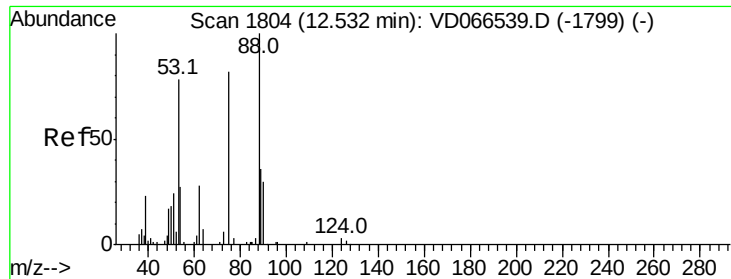


#76

1,2,3-Trichloropropane
Concen: 78.239 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066615.D
Acq: 10 Sep 2020 14:48

Tgt Ion: 75 Resp: 94683
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 182.661 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066615.D

Acq: 10 Sep 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

WC-1

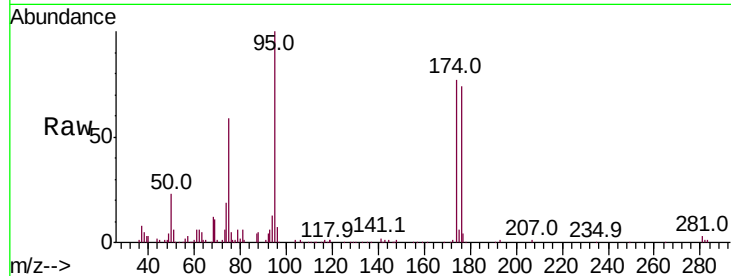
Tot Ion: 75 Resp: 94683

Ion Ratio Lower Upper

75 100

53 0.2 87.0 130.4#

89 0.3 37.1 55.7#



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

