

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
 Data File : VD065712.D
 Acq On : 07 May 2020 14:47
 Operator : VA/SY
 Sample : L2553-01
 Misc : 7.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-217

Quant Time: May 08 06:02:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	677783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	598160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272685	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	199883	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.24%		
35) Dibromofluoromethane	7.92	113	212637	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.40%		
50) Toluene-d8	10.34	98	800501	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.42%		
62) 4-Bromofluorobenzene	12.64	95	263764	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.48%		

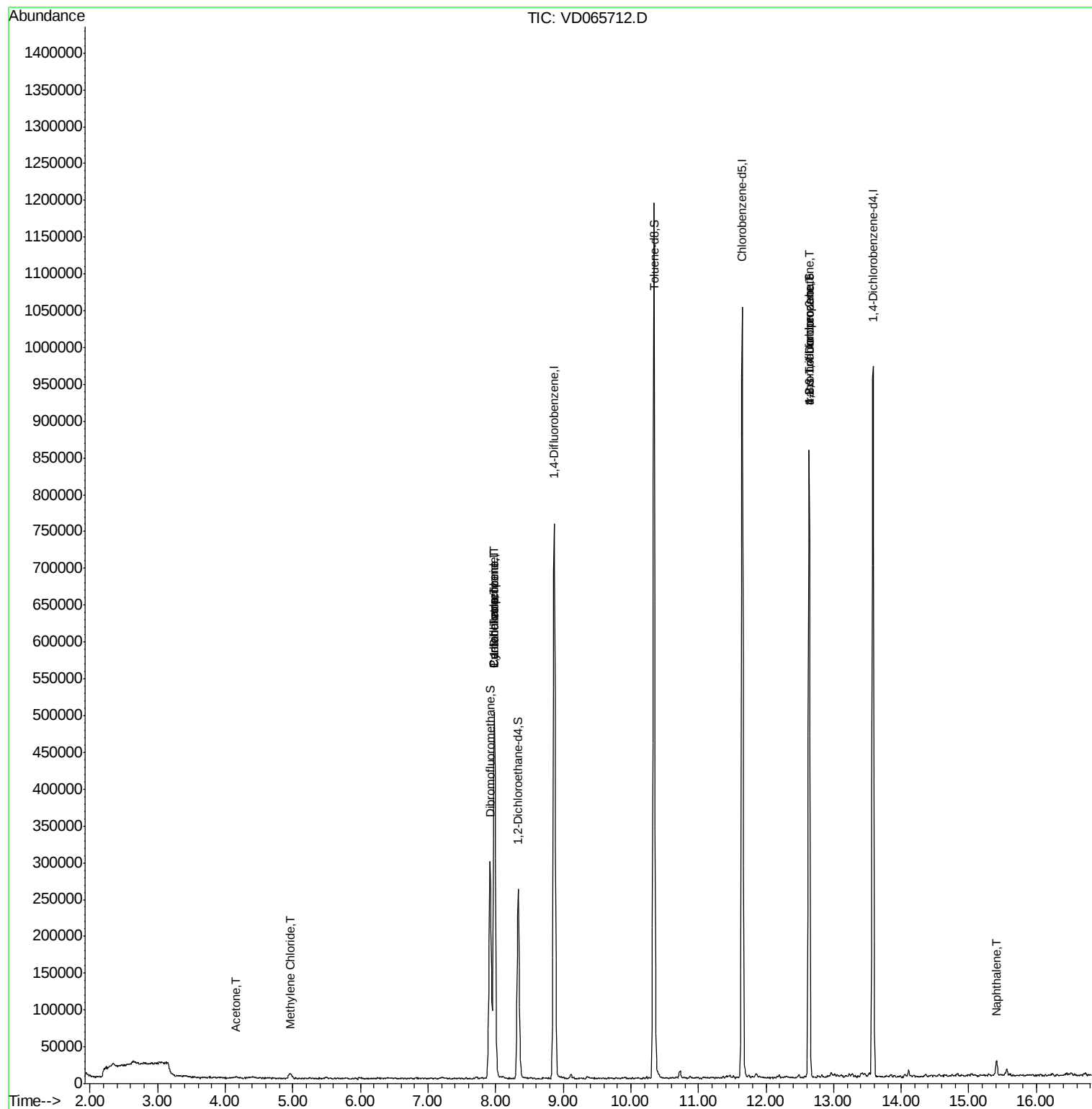
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	77	Below Cal	#	1
16) Acetone	4.16	43	1206	1.39	ug/l #	71
20) Methylene Chloride	4.96	84	5104	1.17	ug/l #	88
31) Cyclohexane	7.98	56	8784	1.08	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	27805	4.13	ug/l #	51
38) Carbon Tetrachloride	7.98	117	36123	5.41	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	133645	58.03	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	133645	102.72	ug/l #	12
95) Naphthalene	15.41	128	18151	1.79	ug/l	97

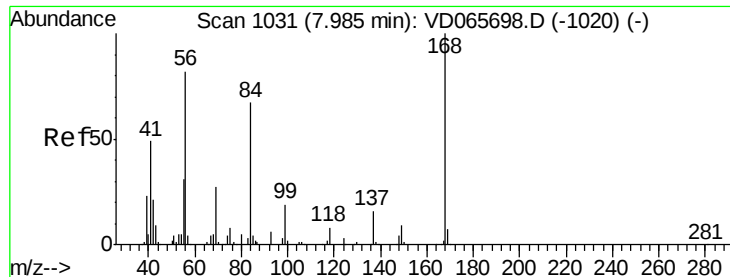
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 17:01:16 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

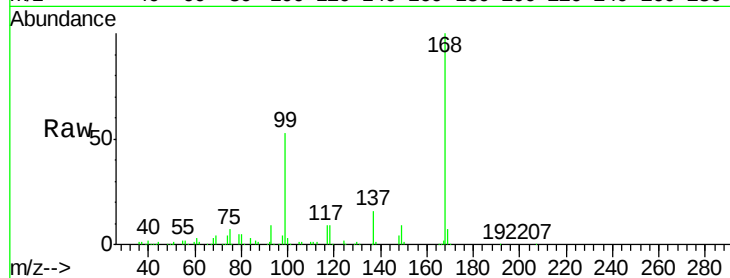
VNJ-217

Tgt Ion:168 Resp: 406292

Ion Ratio Lower Upper

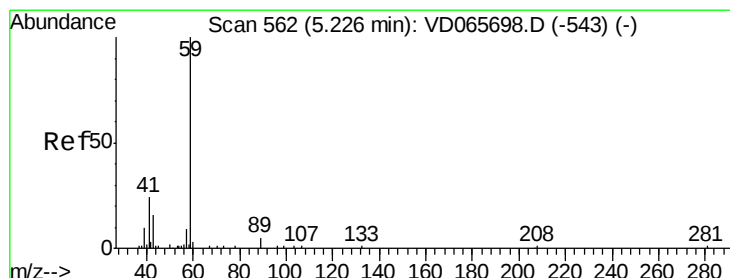
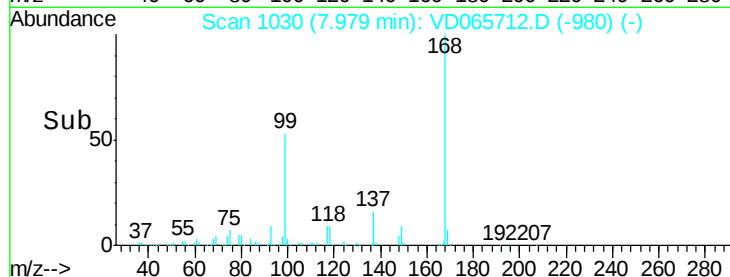
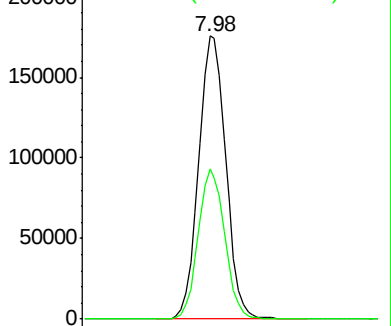
168 100

99 53.1 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD065712.D

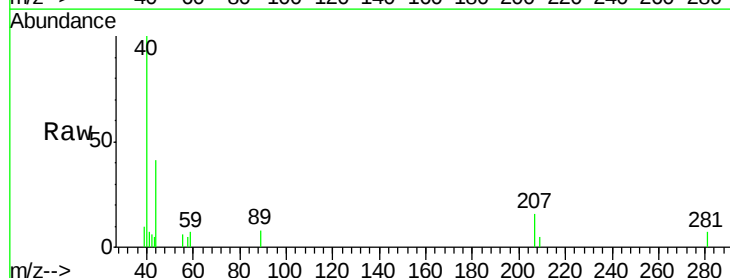
Acq: 07 May 2020 14:47

Tgt Ion: 59 Resp: 77

Ion Ratio Lower Upper

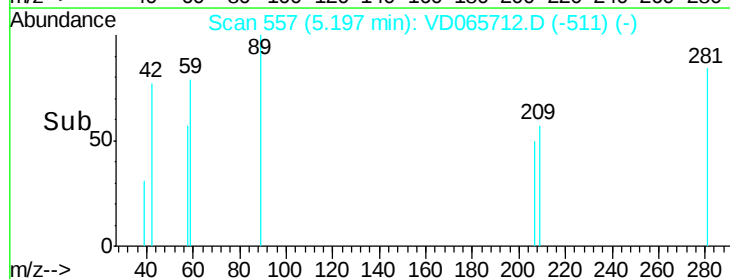
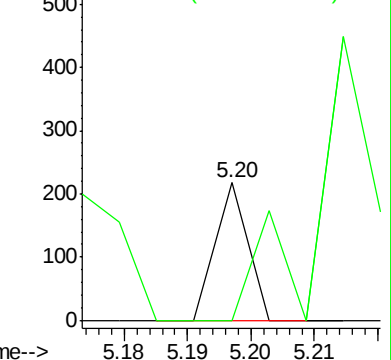
59 100

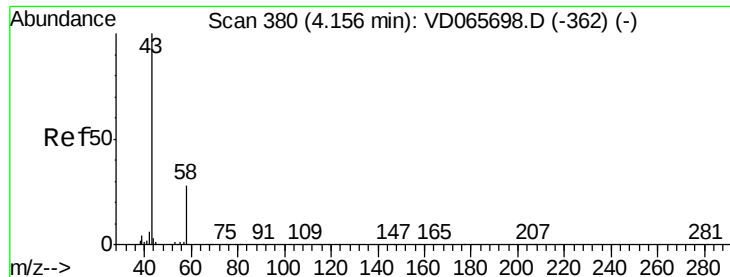
57 603.9 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC





#16

Acetone

Concen: 1.39 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

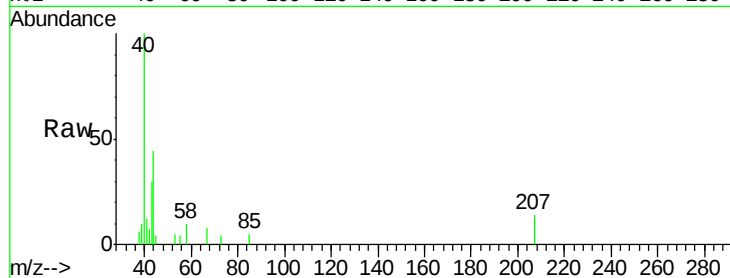
VNJ-217

Tgt Ion: 43 Resp: 1206

Ion Ratio Lower Upper

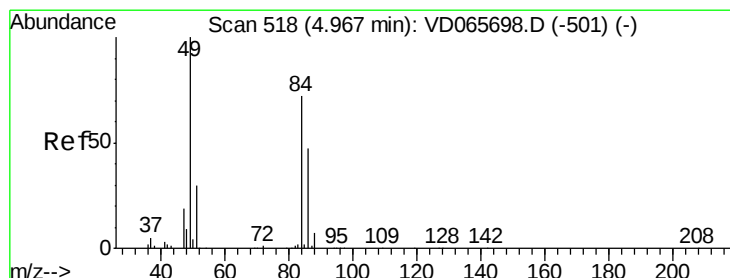
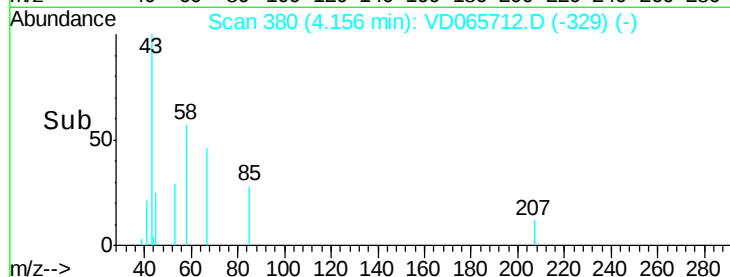
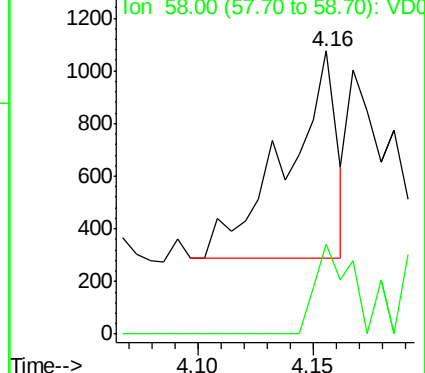
43 100

58 43.5 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 1.17 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

Tgt Ion: 84 Resp: 5104

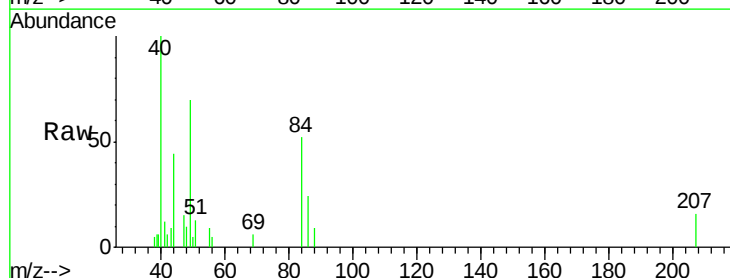
Ion Ratio Lower Upper

84 100

49 135.6 110.4 165.6

51 24.3 33.4 50.2#

86 47.2 51.5 77.3#

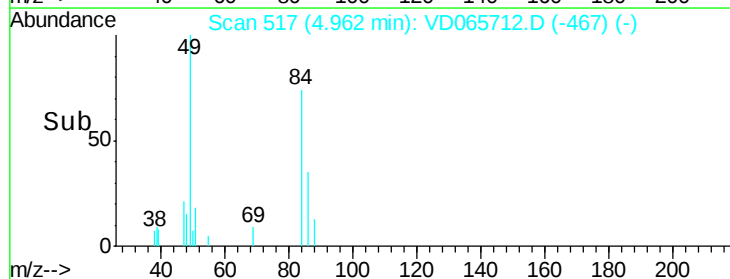
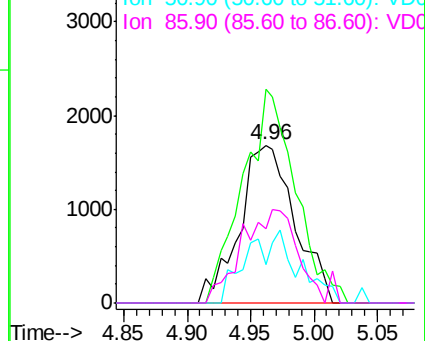


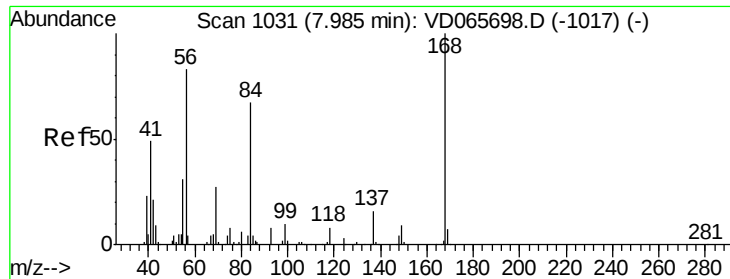
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

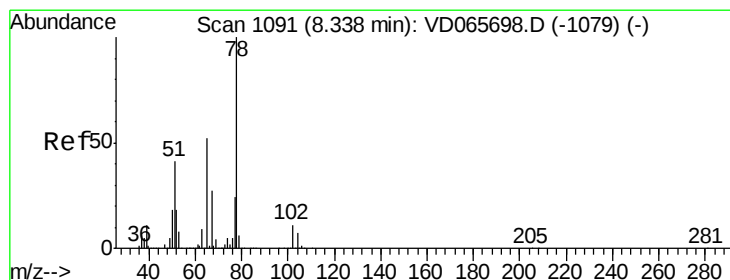
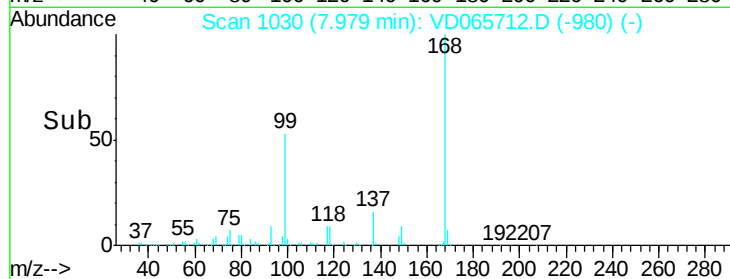
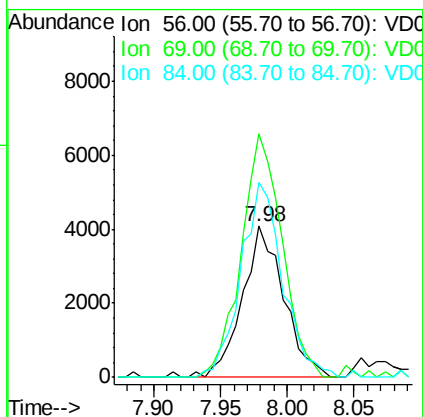
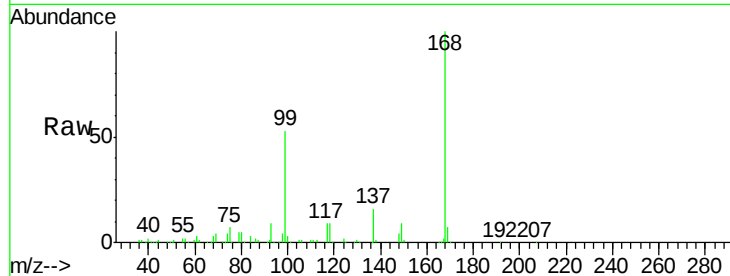




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065712.D
Acq: 07 May 2020 14:47

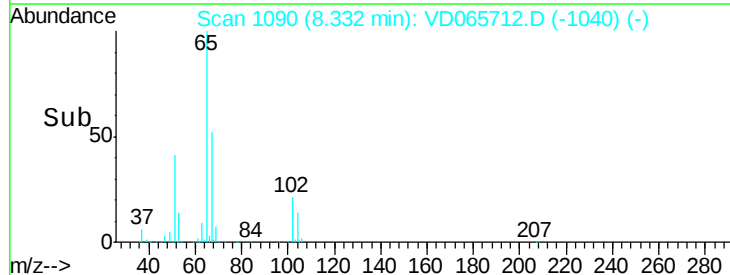
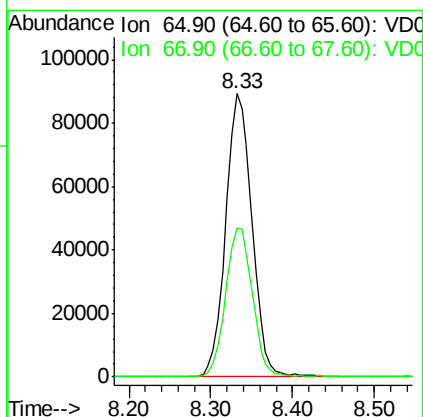
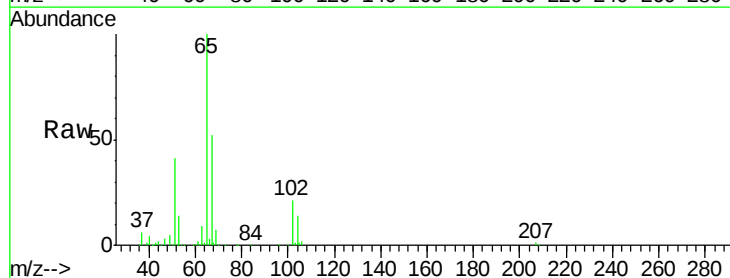
Instrument :
MSVOA_D
ClientSampleID :
VNJ-217

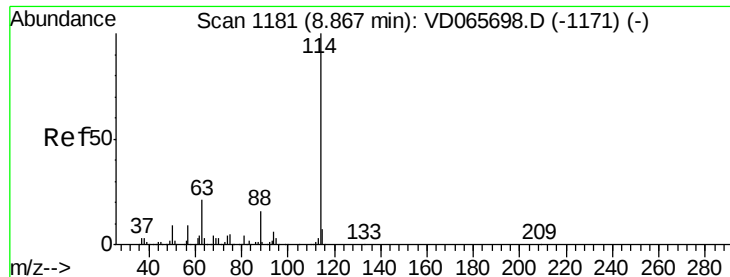
Tgt Ion: 56 Resp: 8784
Ion Ratio Lower Upper
56 100
69 161.4 26.3 39.5#
84 129.3 64.5 96.7#



#33
1,2-Dichloroethane-d4
Concen: 49.12 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065712.D
Acq: 07 May 2020 14:47

Tgt Ion: 65 Resp: 199883
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.8

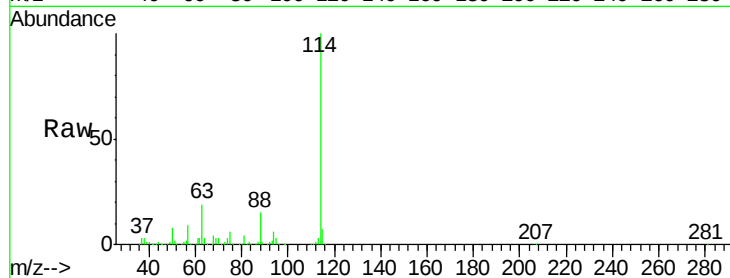




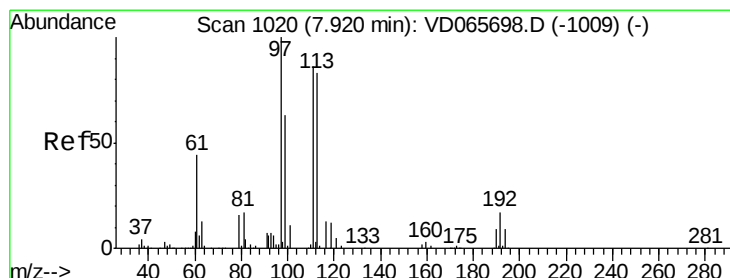
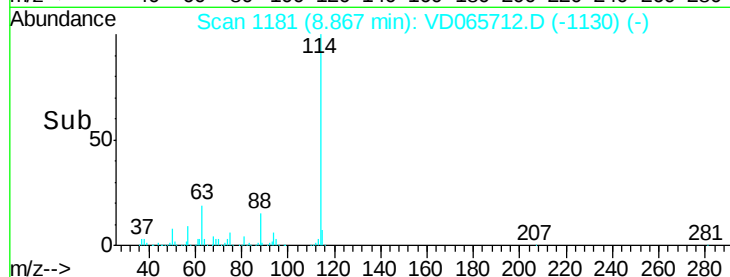
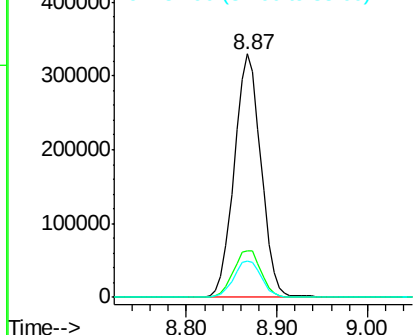
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065712.D
 Acq: 07 May 2020 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-217

Tgt Ion:114 Resp: 677783
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.1 0.0 32.6

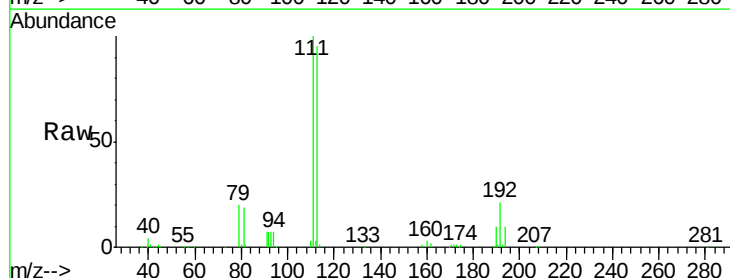


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

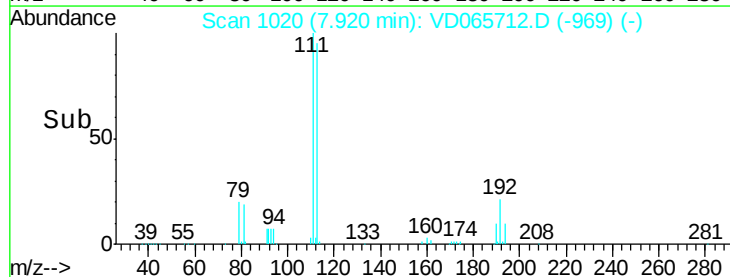
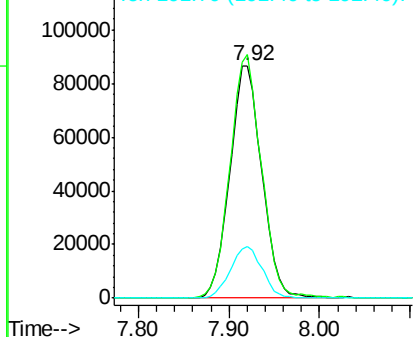


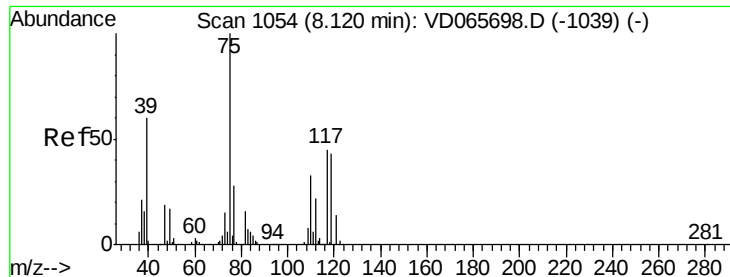
#35
 Dibromofluoromethane
 Concen: 50.20 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065712.D
 Acq: 07 May 2020 14:47

Tgt Ion:113 Resp: 212637
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 22.1 17.0 25.4



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: 4.13 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.14 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

VNJ-217

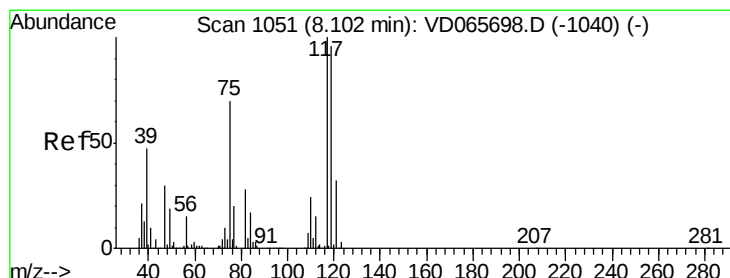
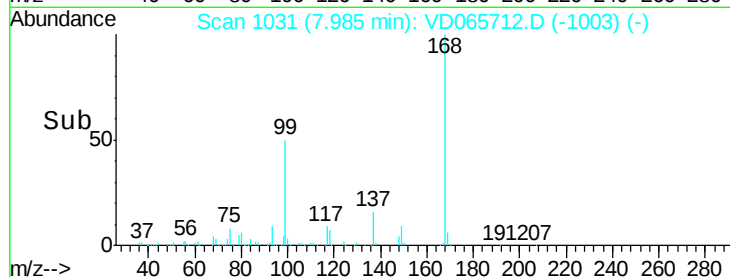
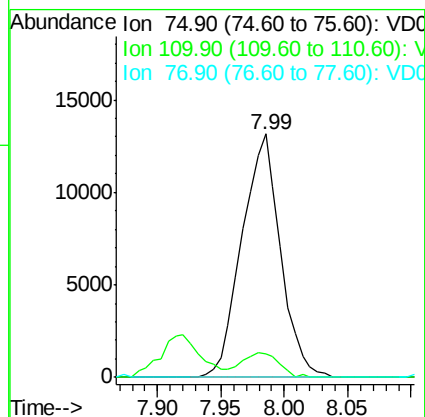
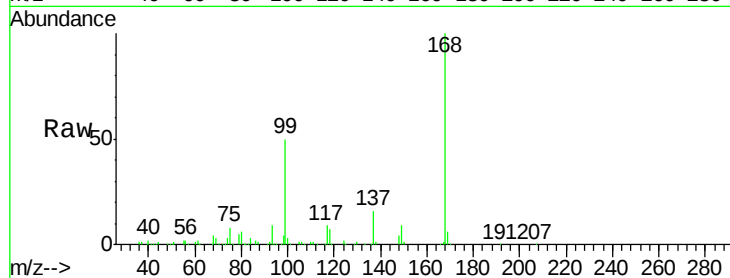
Tgt Ion: 75 Resp: 27805

Ion Ratio Lower Upper

75 100

110 9.6 17.2 51.6#

77 0.0 23.7 35.5#



#38

Carbon Tetrachloride

Concen: 5.41 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

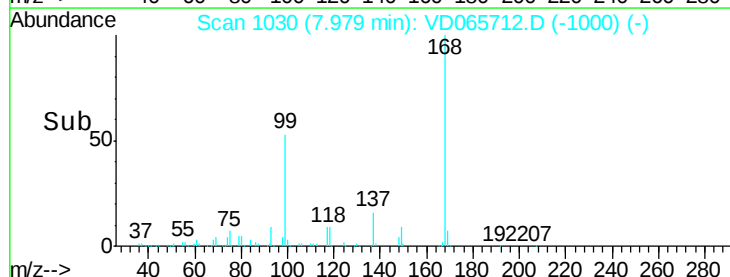
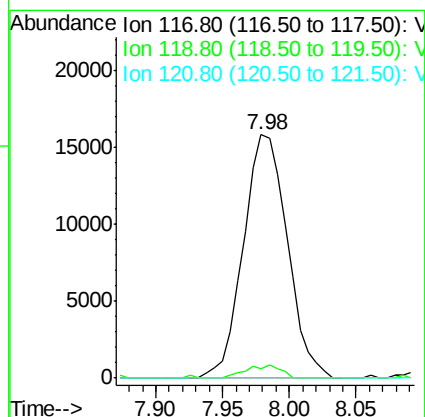
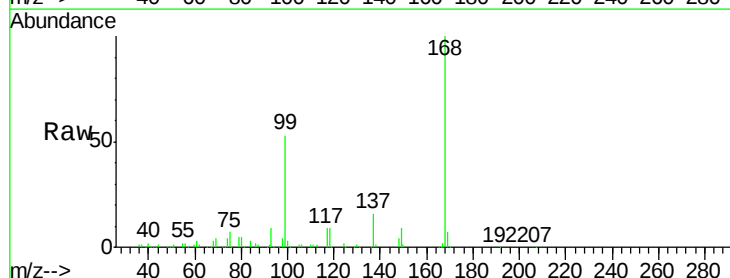
Tgt Ion: 117 Resp: 36123

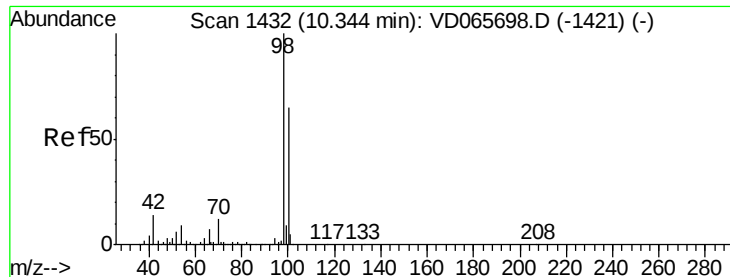
Ion Ratio Lower Upper

117 100

119 4.1 77.1 115.7#

121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 49.21 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

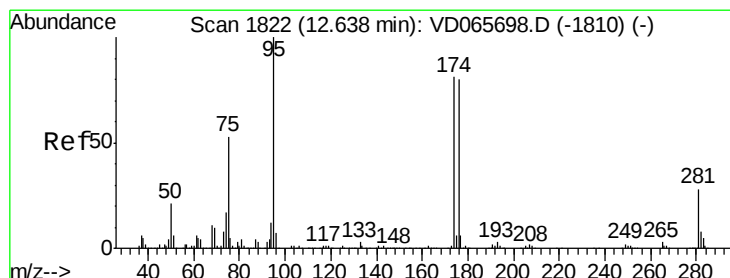
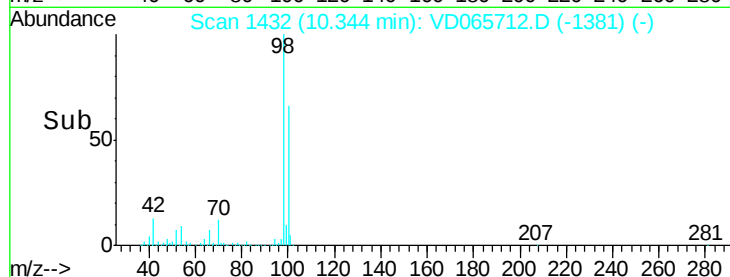
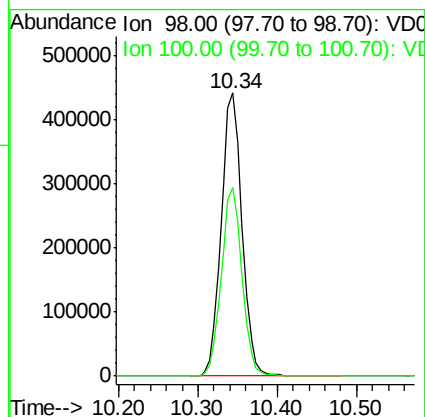
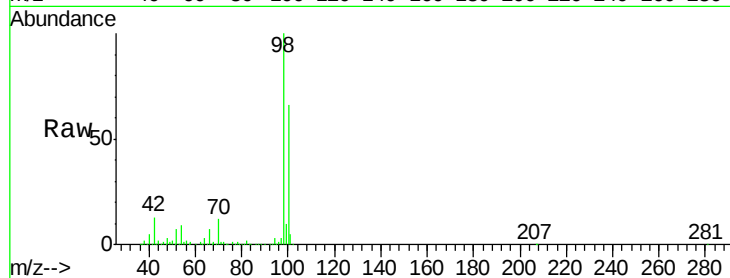
VNJ-217

Tgt Ion: 98 Resp: 800501

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.74 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

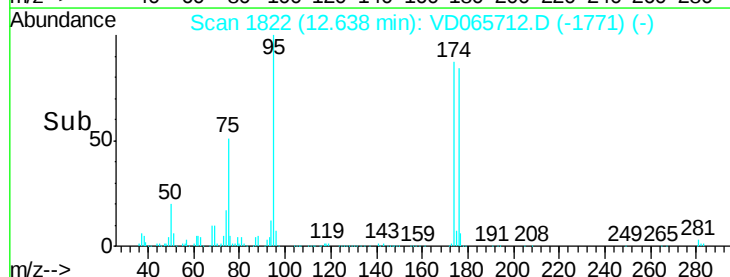
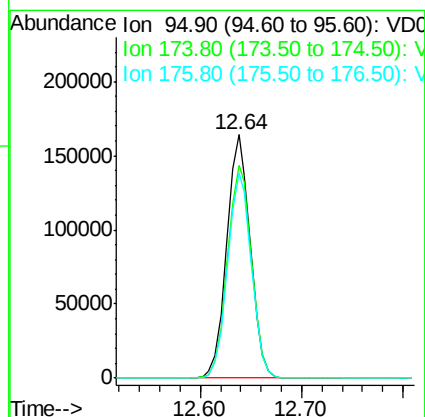
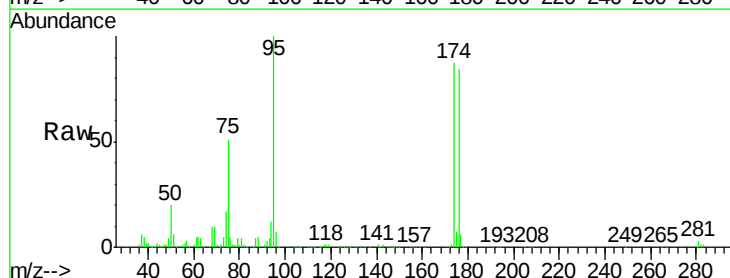
Tgt Ion: 95 Resp: 263764

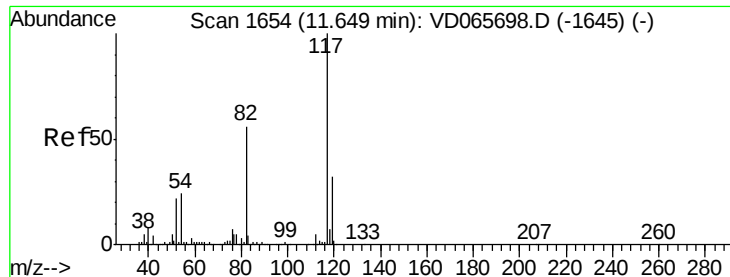
Ion Ratio Lower Upper

95 100

174 89.6 0.0 162.6

176 84.7 0.0 159.0

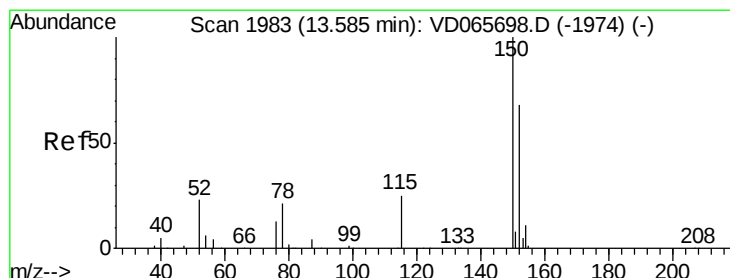
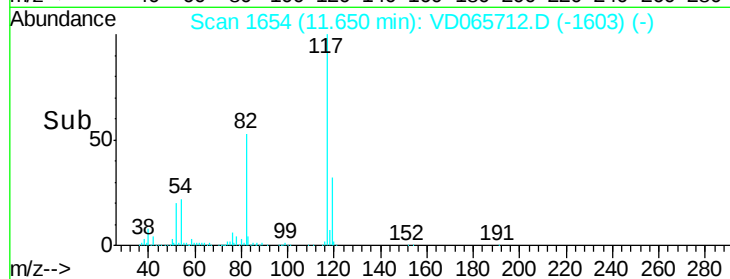
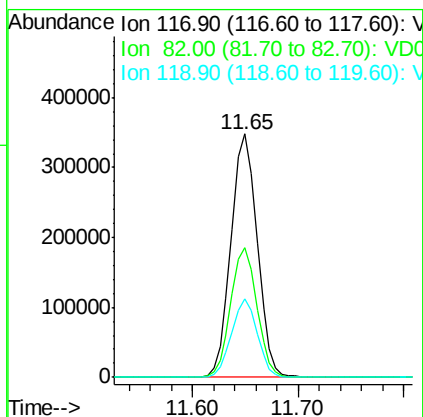
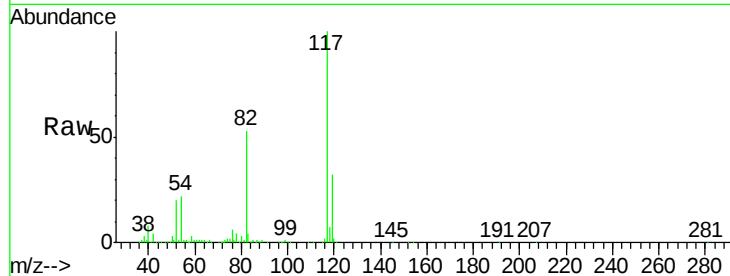




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065712.D
Acq: 07 May 2020 14:47

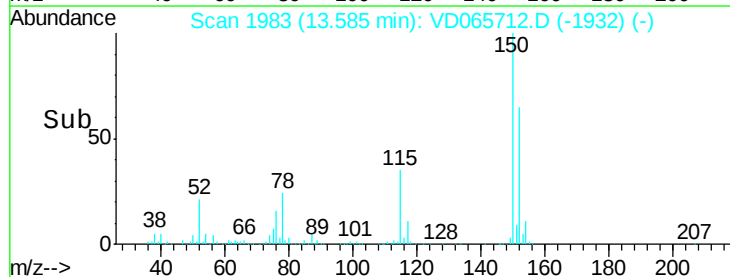
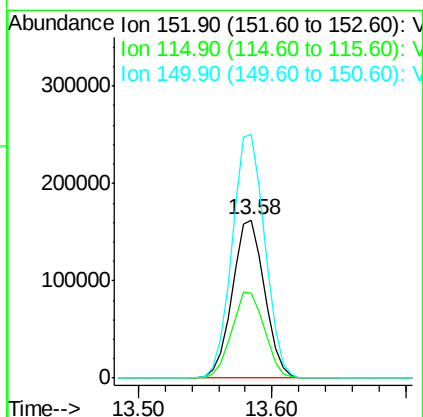
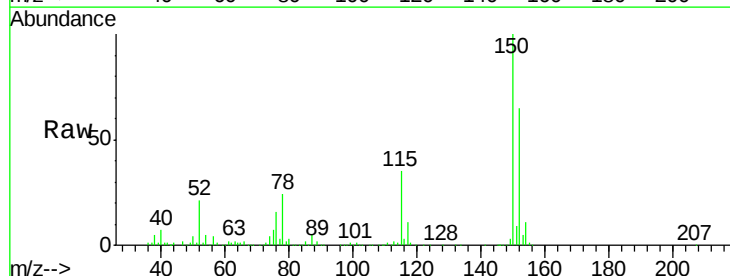
Instrument :
MSVOA_D
ClientSampleId :
VNJ-217

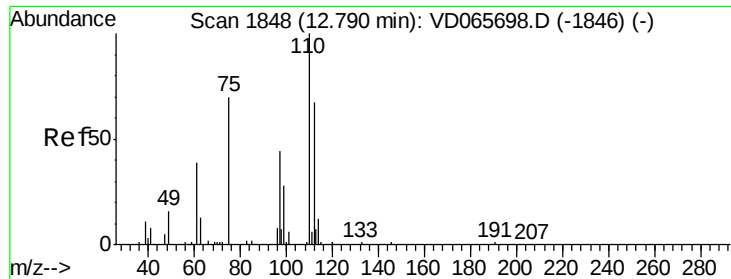
Tgt Ion:117 Resp: 598160
Ion Ratio Lower Upper
117 100
82 53.4 44.9 67.3
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065712.D
Acq: 07 May 2020 14:47

Tgt Ion:152 Resp: 272685
Ion Ratio Lower Upper
152 100
115 55.1 29.5 88.5
150 156.2 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 58.03 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

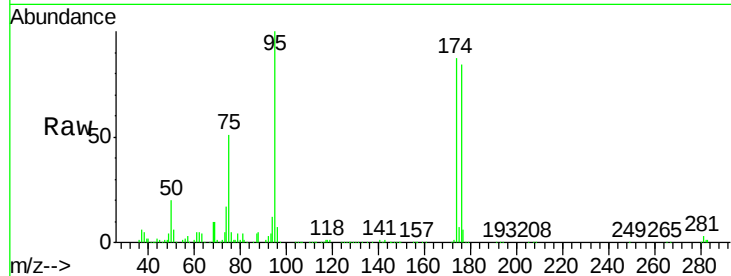
VNJ-217

Tgt Ion: 75 Resp: 133645

Ion Ratio Lower Upper

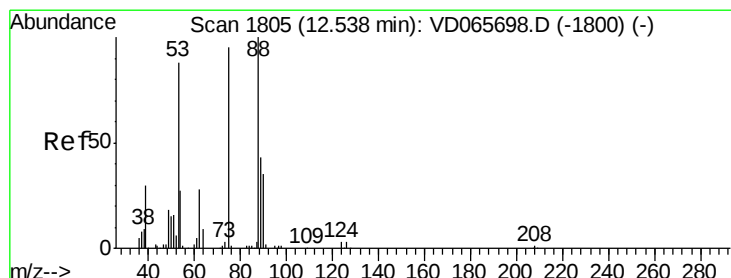
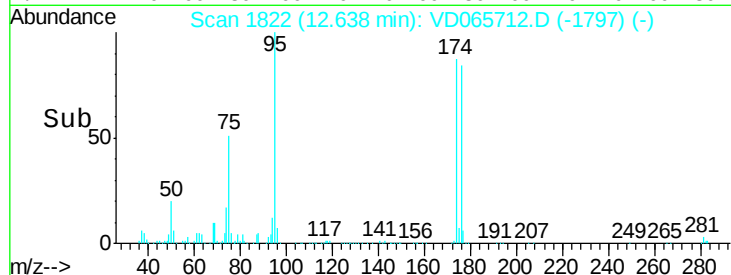
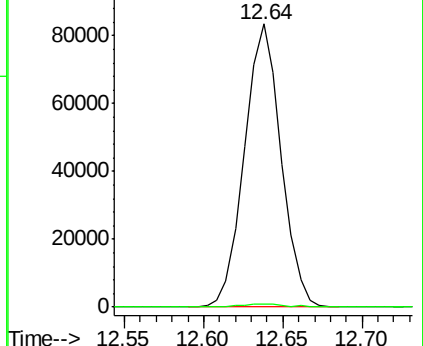
75 100

77 1.4 0.0 0.0#



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: 102.72 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

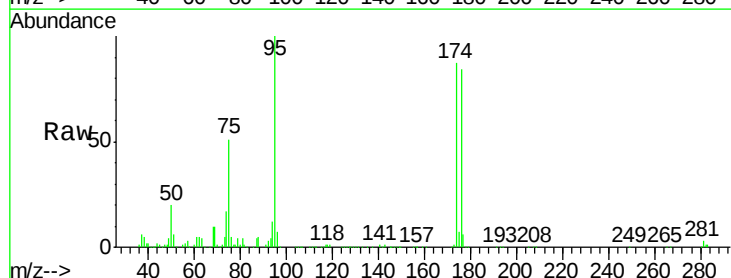
Tgt Ion: 75 Resp: 133645

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

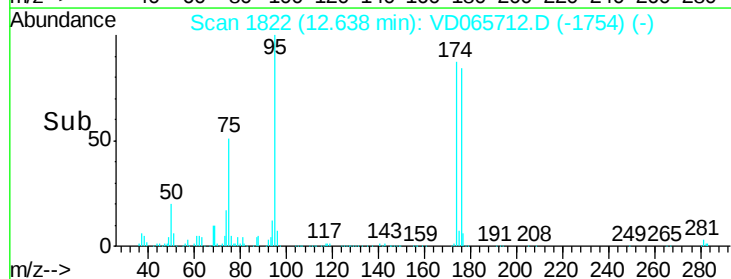
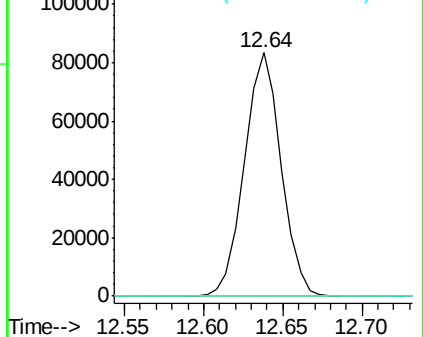
89 0.1 36.2 54.2#

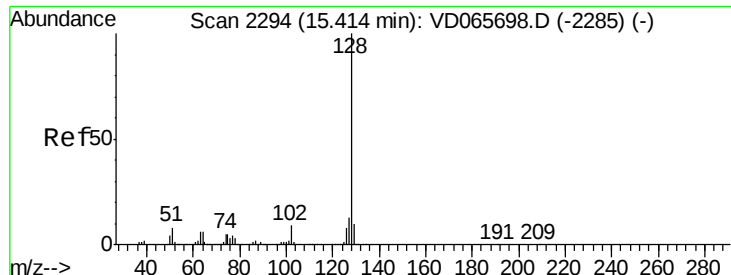


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#95
Naphthalene
Concen: 1.79 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065712.D
Acq: 07 May 2020 14:47

Instrument :
MSVOA_D
ClientSampleId :
VNJ-217

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	12.6	9.0	13.4

