

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022520\
 Data File : VD065312.D
 Acq On : 25 Feb 2020 16:57
 Operator : VA/SY
 Sample : L1681-01RE
 Misc : 7.27G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 23:39:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

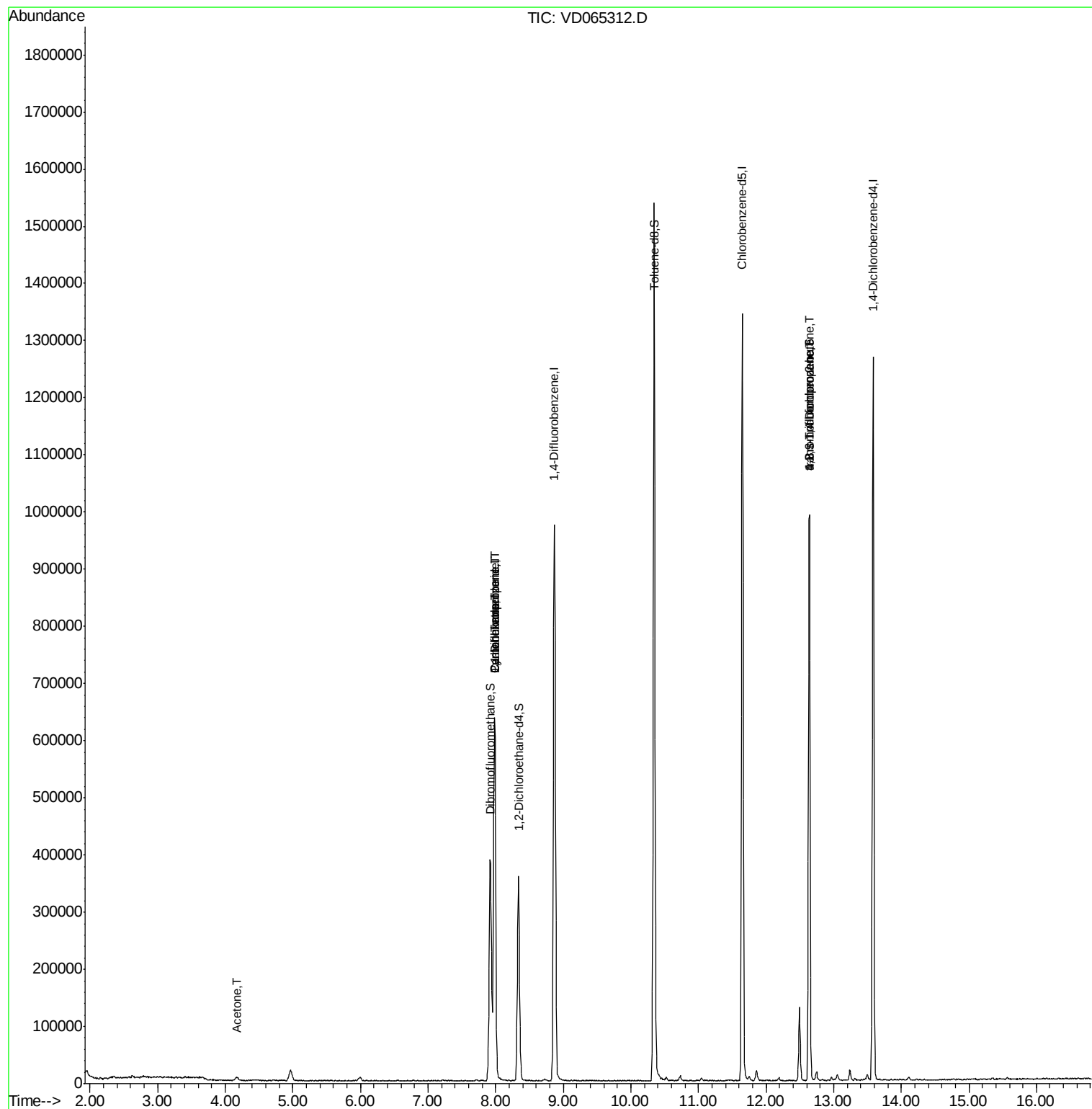
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	503435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	862679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	783378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	347552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	278332	61.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.92%	
35) Dibromofluoromethane	7.92	113	285024	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
50) Toluene-d8	10.34	98	1041475	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.64	95	325107	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
Target Compounds						
13) Acrolein	3.70	56	64	Below Cal	#	1
16) Acetone	4.16	43	10681	9.648	ug/l	89
20) Methylene Chloride	4.97	84	14018	Below Cal		92
31) Cyclohexane	7.98	56	9717	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	35737	4.257	ug/l #	44
38) Carbon Tetrachloride	7.98	117	45202	5.290	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	160607	54.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	160607	117.271	ug/l #	11

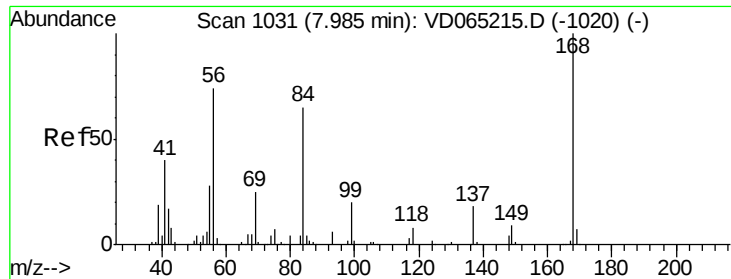
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022520\
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QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

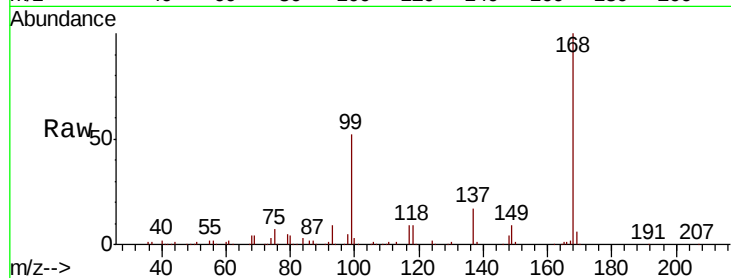
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 503435

Ion Ratio Lower Upper

168 100

99 51.9 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

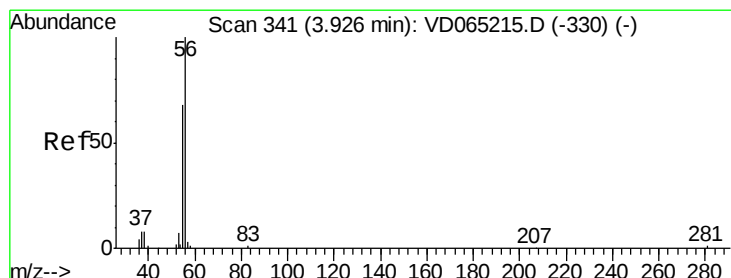
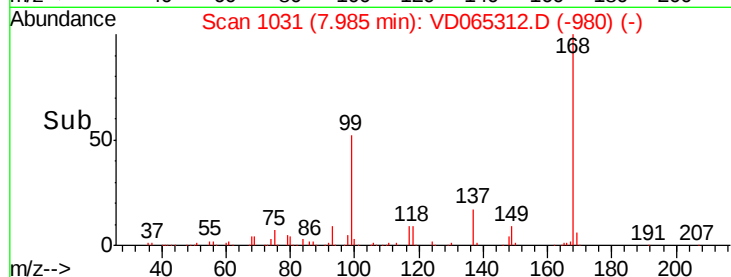
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.70 min Scan# 302

Delta R.T. -0.23 min

Lab File: VD065312.D

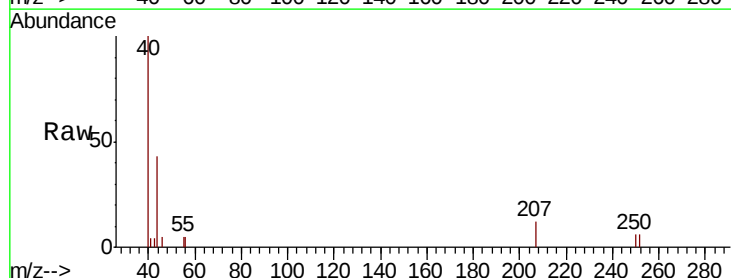
Acq: 25 Feb 2020 16:57

Tgt Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 235.9 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

250

200

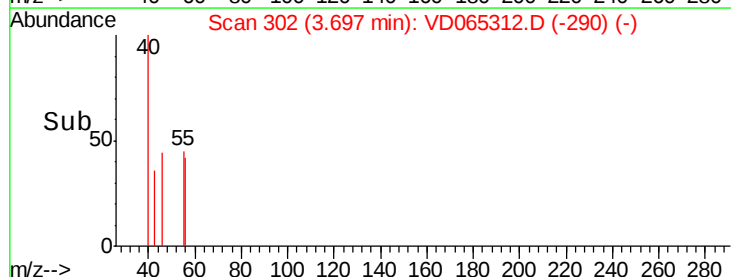
150

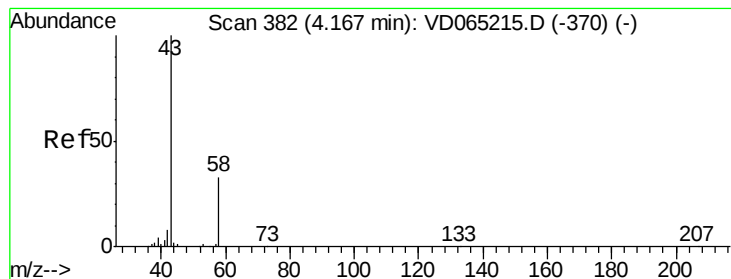
100

50

0

Time-->





#16

Acetone

Concen: 9.648 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

Instrument :

MSVOA_D

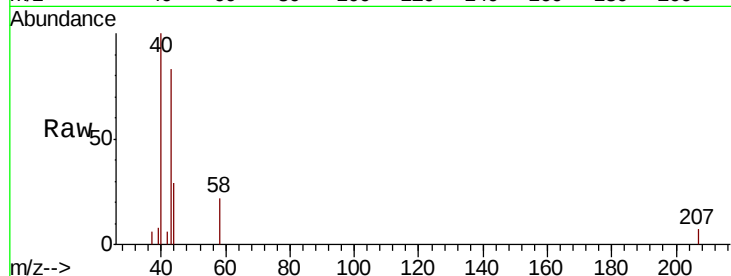
ClientSampleId :

Tot Ion: 43 Resp: 10681

Ion Ratio Lower Upper

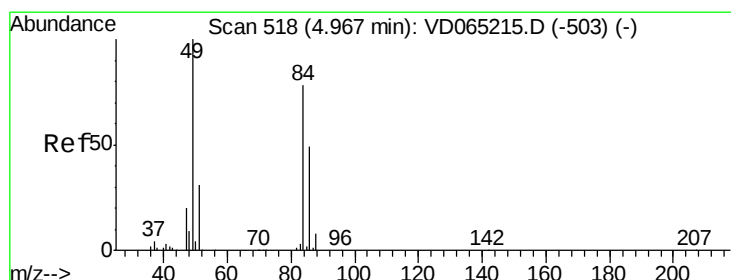
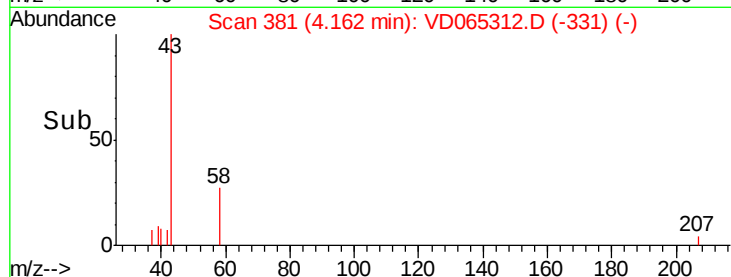
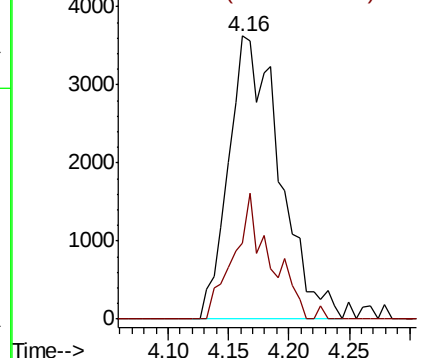
43 100

58 26.7 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

Tgt Ion: 84 Resp: 14018

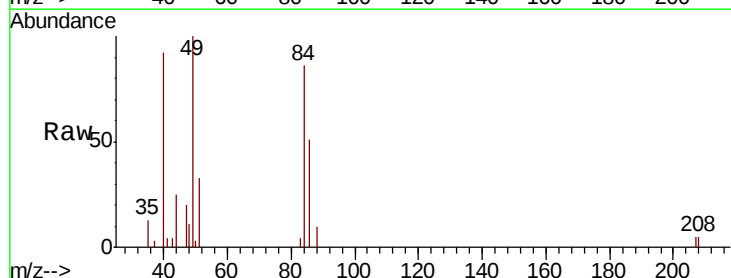
Ion Ratio Lower Upper

84 100

49 116.0 103.1 154.7

51 38.2 31.7 47.5

86 59.6 50.9 76.3

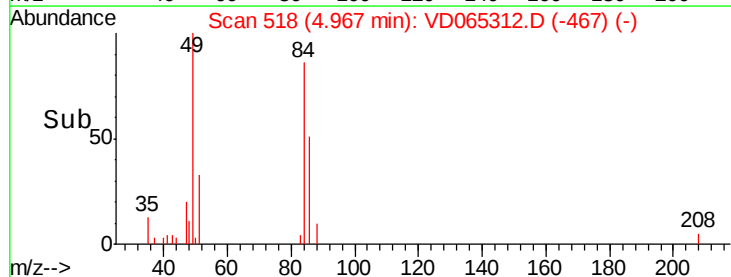
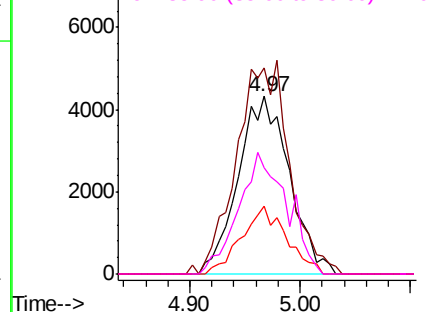


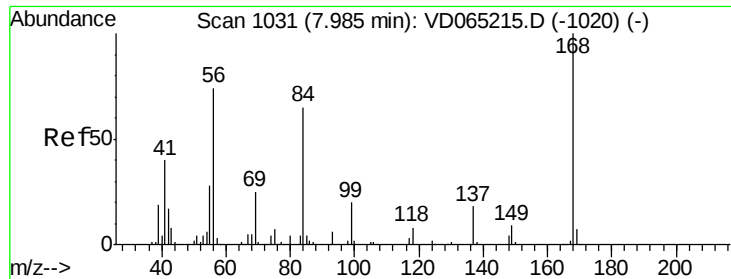
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

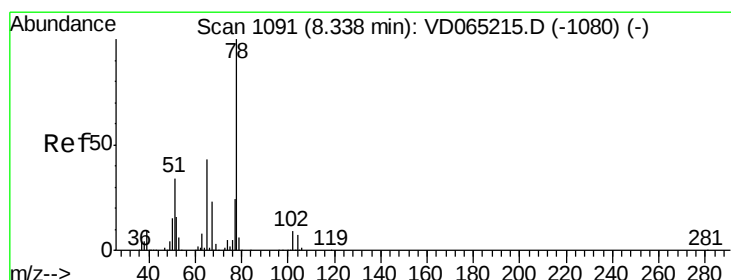
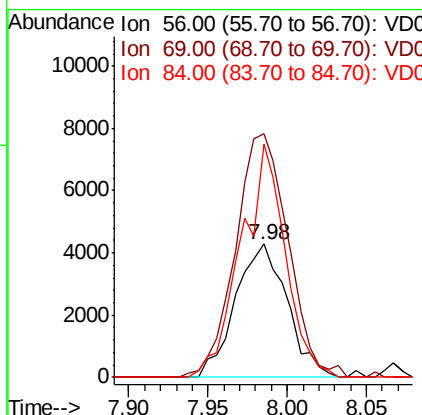
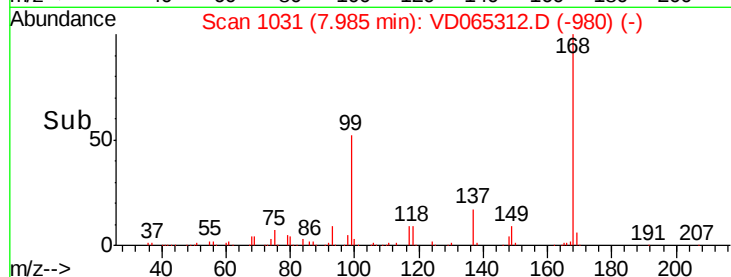
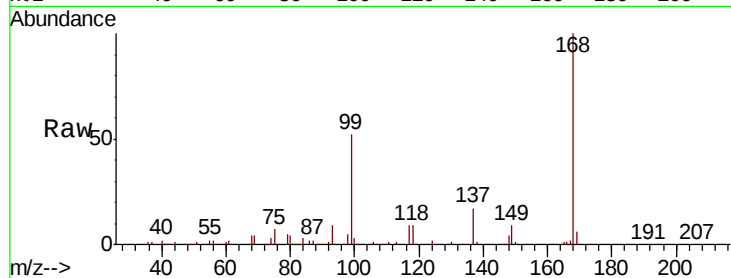




#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065312.D
Acq: 25 Feb 2020 16:57

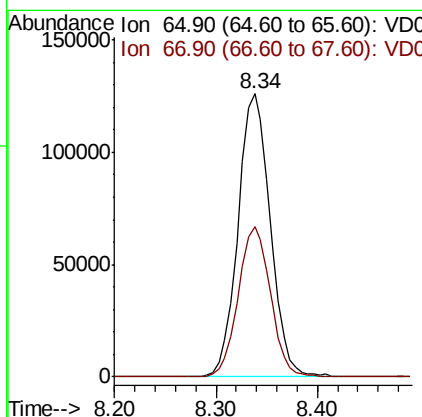
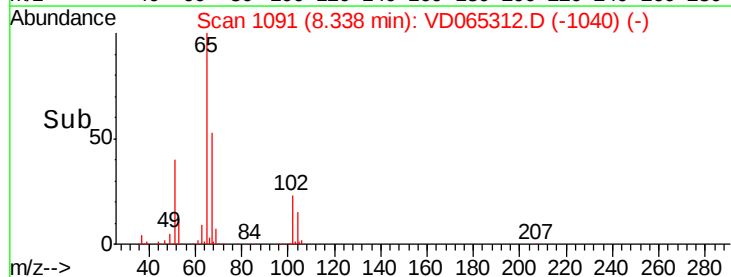
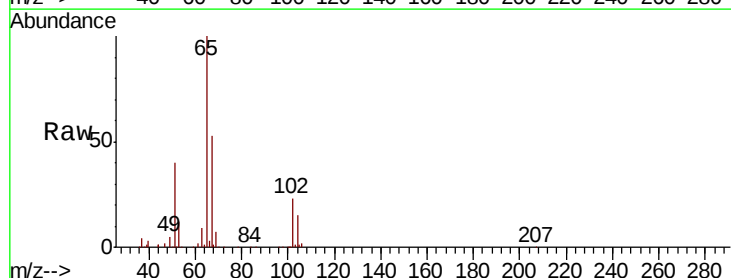
Instrument :
MSVOA_D
ClientSampled :

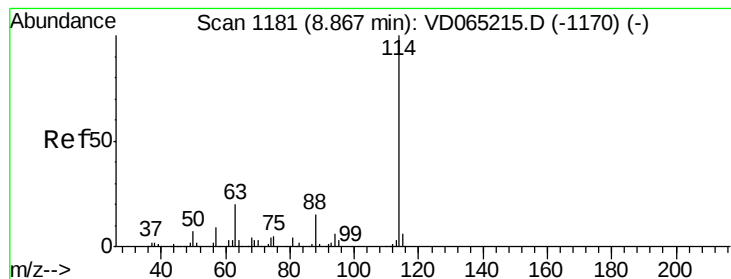
Tot Ion: 56 Resp: 9717
Ion Ratio Lower Upper
56 100
69 178.8 27.4 41.0#
84 174.7 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 61.456 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065312.D
Acq: 25 Feb 2020 16:57

Tgt Ion: 65 Resp: 278332
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

Instrument :

MSVOA_D

ClientSampled :

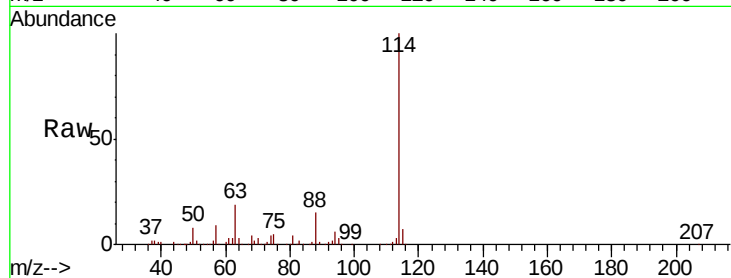
Tot Ion:114 Resp: 862679

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

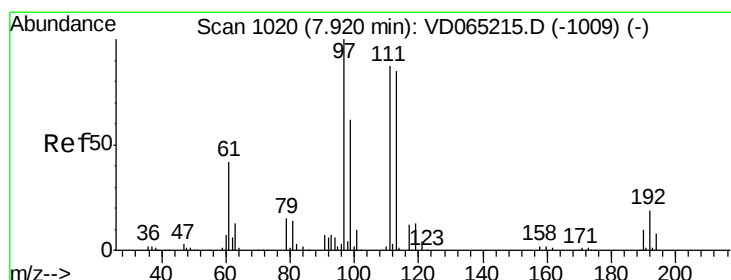
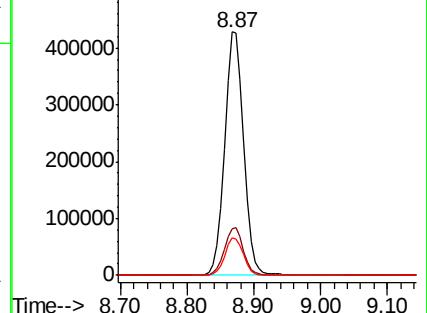
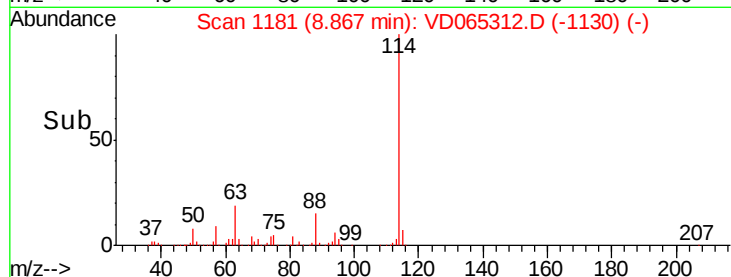
88 15.2 0.0 30.4



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: 54.186 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

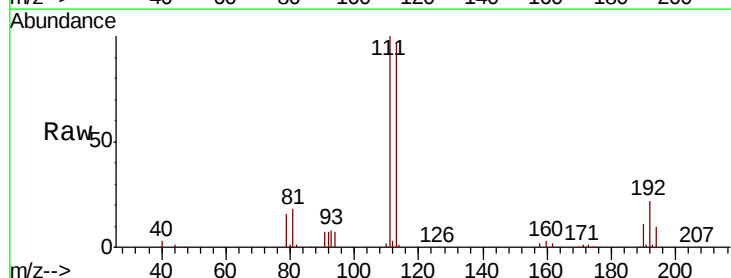
Tgt Ion:113 Resp: 285024

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

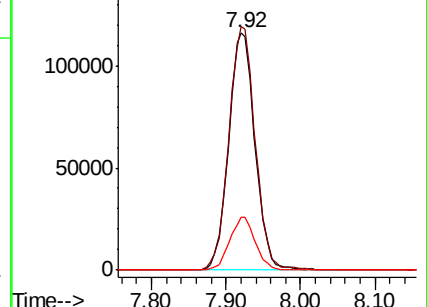
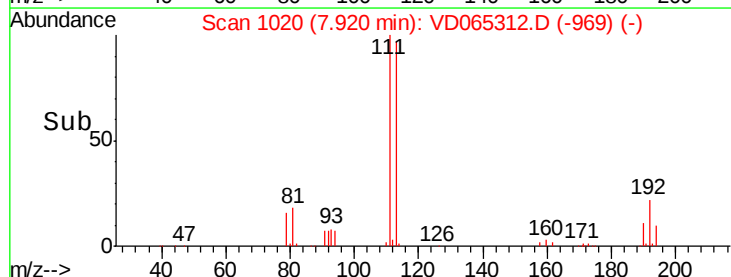
192 21.7 17.3 25.9

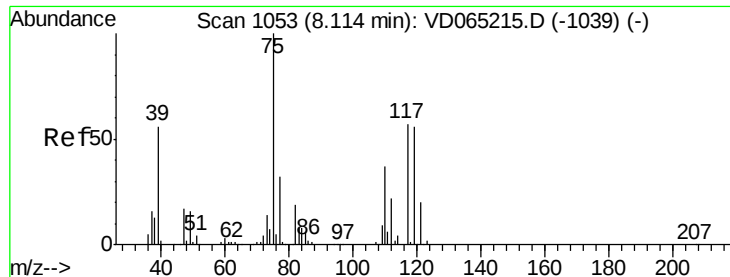


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.257 ug/l

RT: 7.98 min Scan# 1031

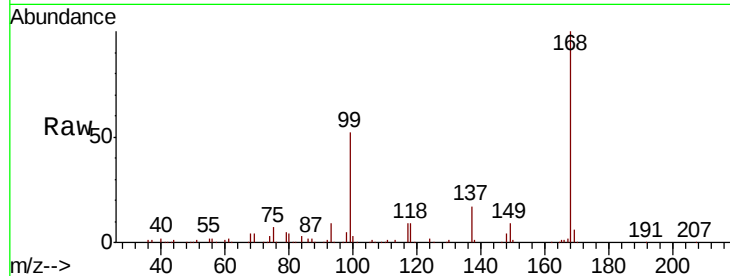
Delta R.T. -0.13 min

Lab File: VD065312.D

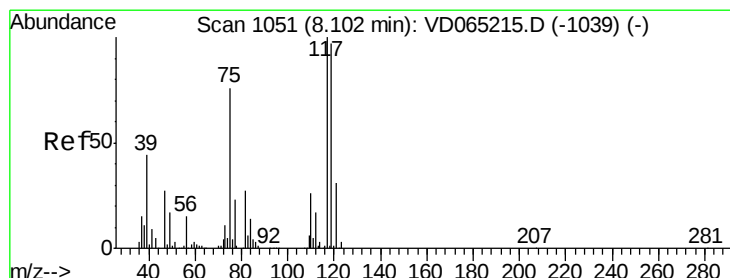
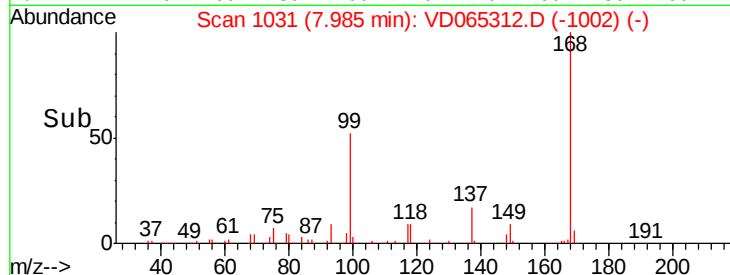
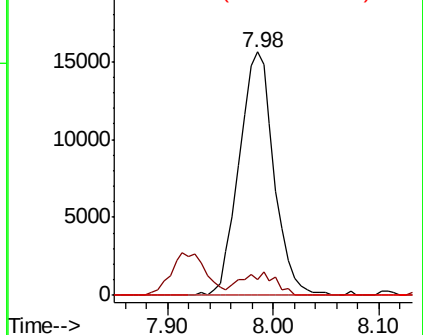
Acq: 25 Feb 2020 16:57

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 75 Resp: 35737
Ion Ratio Lower Upper
75 100
110 3.2 17.9 53.7#
77 0.0 25.1 37.7#



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: 5.290 ug/l

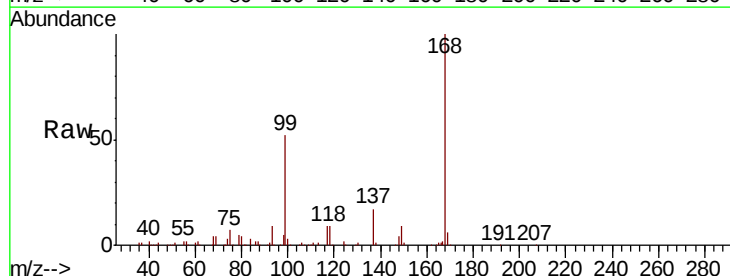
RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

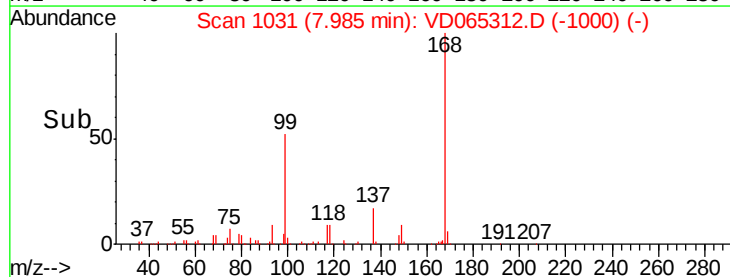
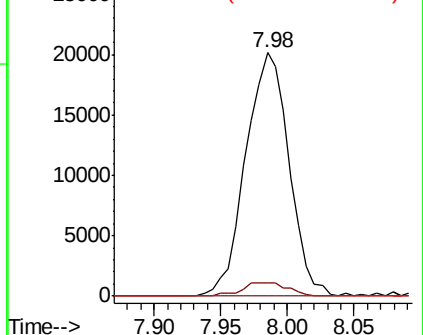
Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

Tgt Ion: 117 Resp: 45202
Ion Ratio Lower Upper
117 100
119 5.3 77.6 116.4#
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: 51.792 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

Instrument :

MSVOA_D

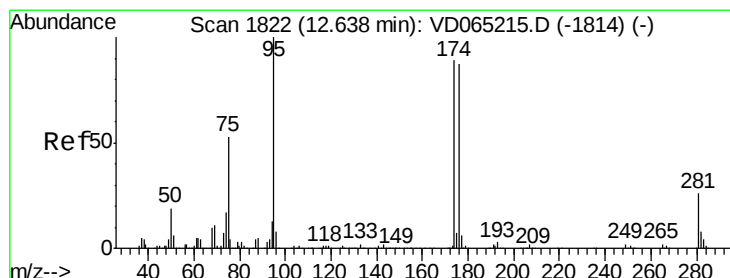
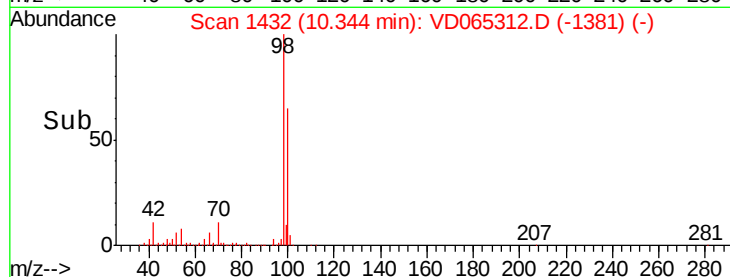
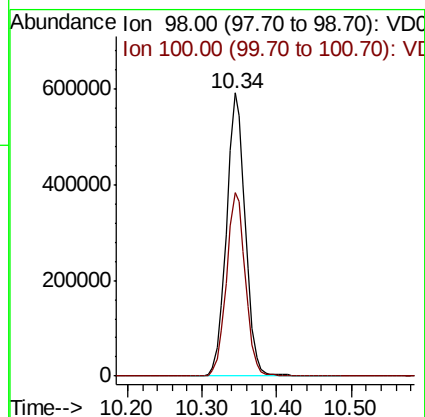
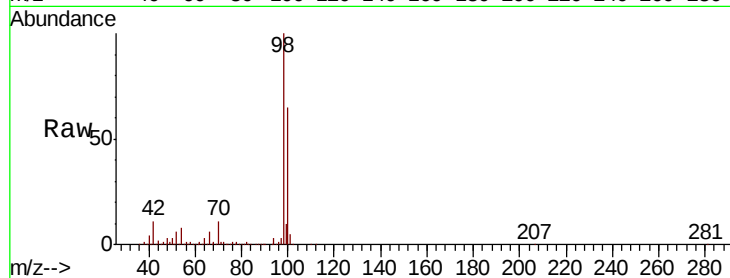
ClientSampleId :

Tot Ion: 98 Resp: 1041475

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.035 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

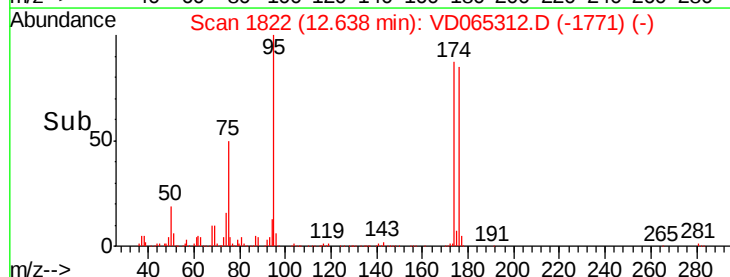
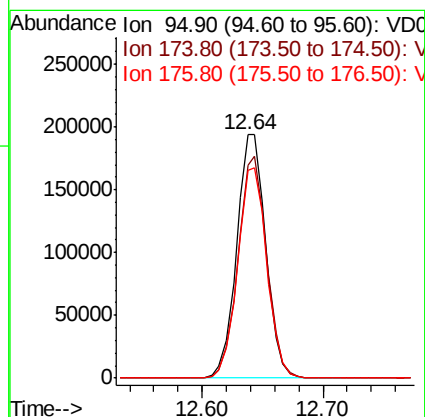
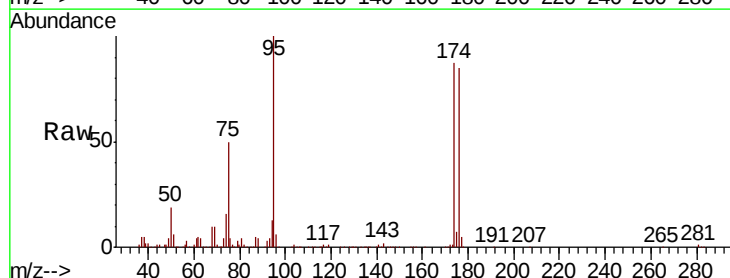
Tgt Ion: 95 Resp: 325107

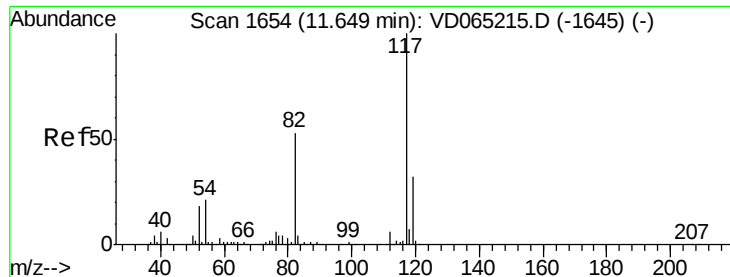
Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.0

176 86.6 0.0 174.4

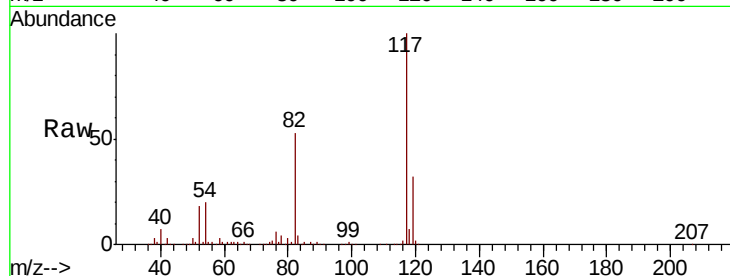




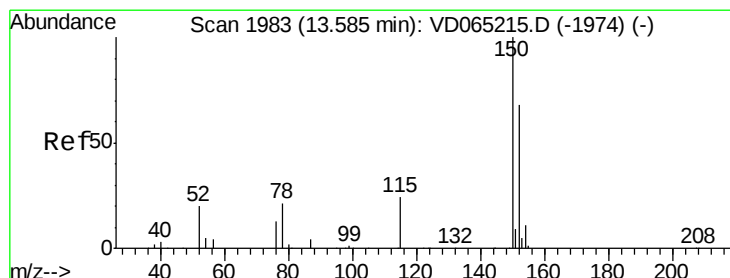
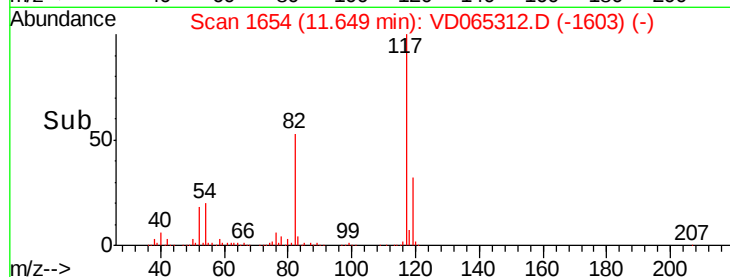
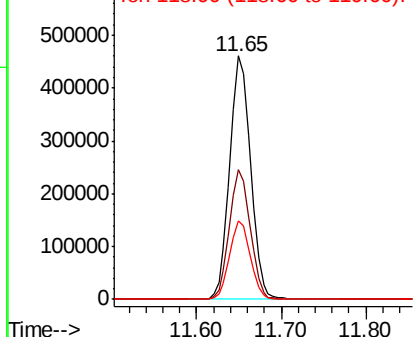
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065312.D
Acq: 25 Feb 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 783378
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 32.4 25.5 38.3

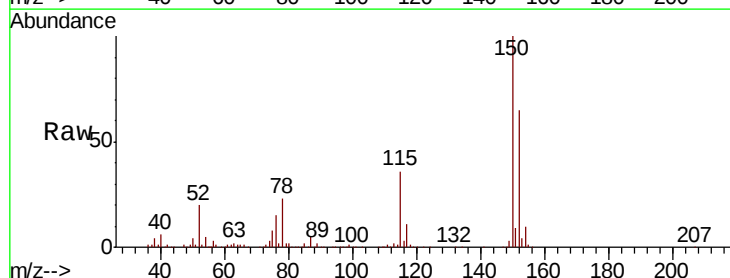


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

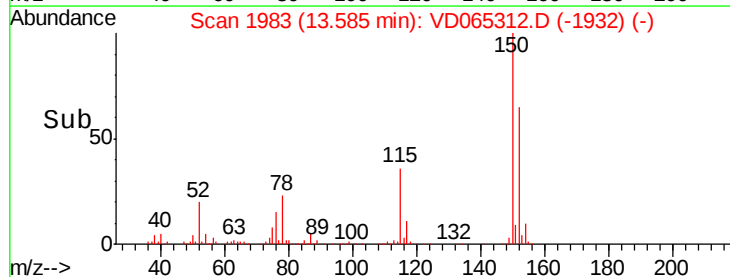
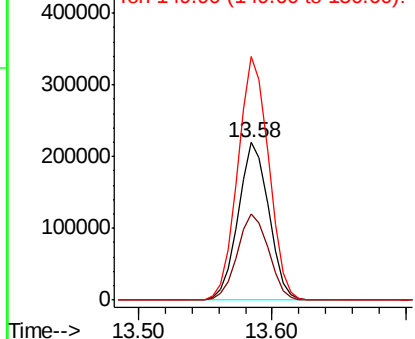


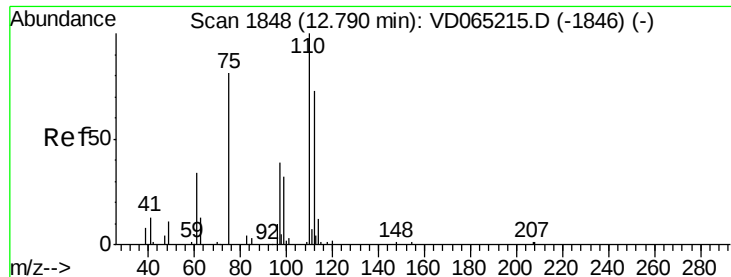
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065312.D
Acq: 25 Feb 2020 16:57

Tgt Ion:152 Resp: 347552
Ion Ratio Lower Upper
152 100
115 56.1 27.6 82.8
150 156.3 0.0 347.4



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: 54.313 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

Instrument :

MSVOA_D

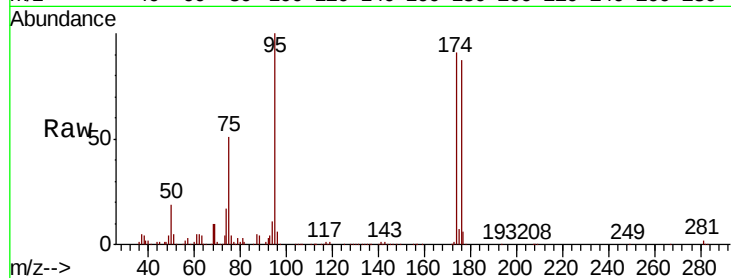
ClientSampled :

Tot Ion: 75 Resp: 160607

Ion Ratio Lower Upper

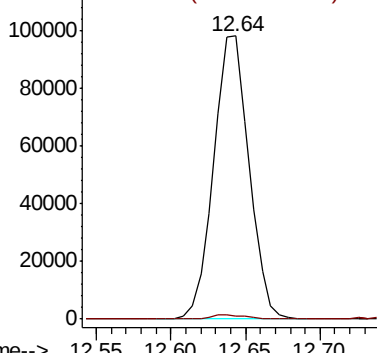
75 100

77 1.4 0.0 0.0#

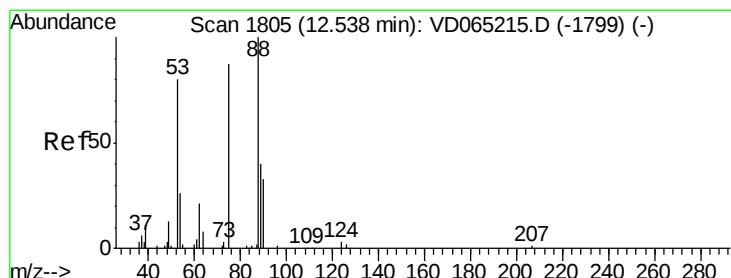
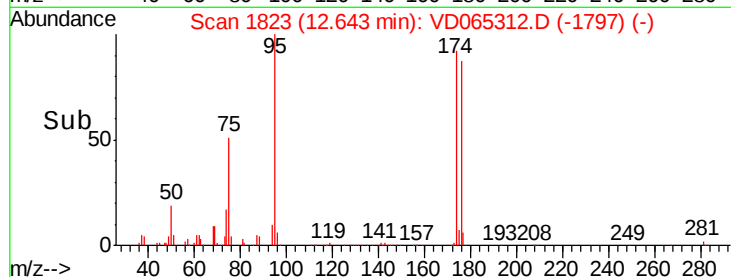


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 117.271 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065312.D

Acq: 25 Feb 2020 16:57

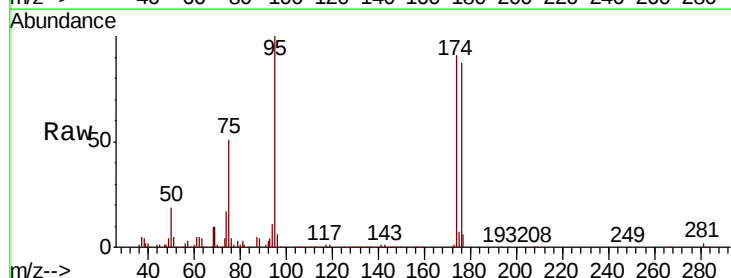
Tgt Ion: 75 Resp: 160607

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

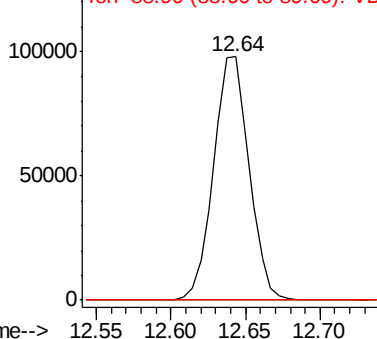
89 0.1 37.2 55.8#



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



Time--> 12.55 12.60 12.65 12.70

