

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD022820\
 Data File : VD065355.D
 Acq On : 28 Feb 2020 13:27
 Operator : VA/SY
 Sample : L1740-01
 Misc : 8.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-06-022720

Quant Time: Feb 28 15:35:33 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	573837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	914299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	645915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	151493	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	271773	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
35) Dibromofluoromethane	7.92	113	301229	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.34	98	1059366	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.64	95	196629	29.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.24%	

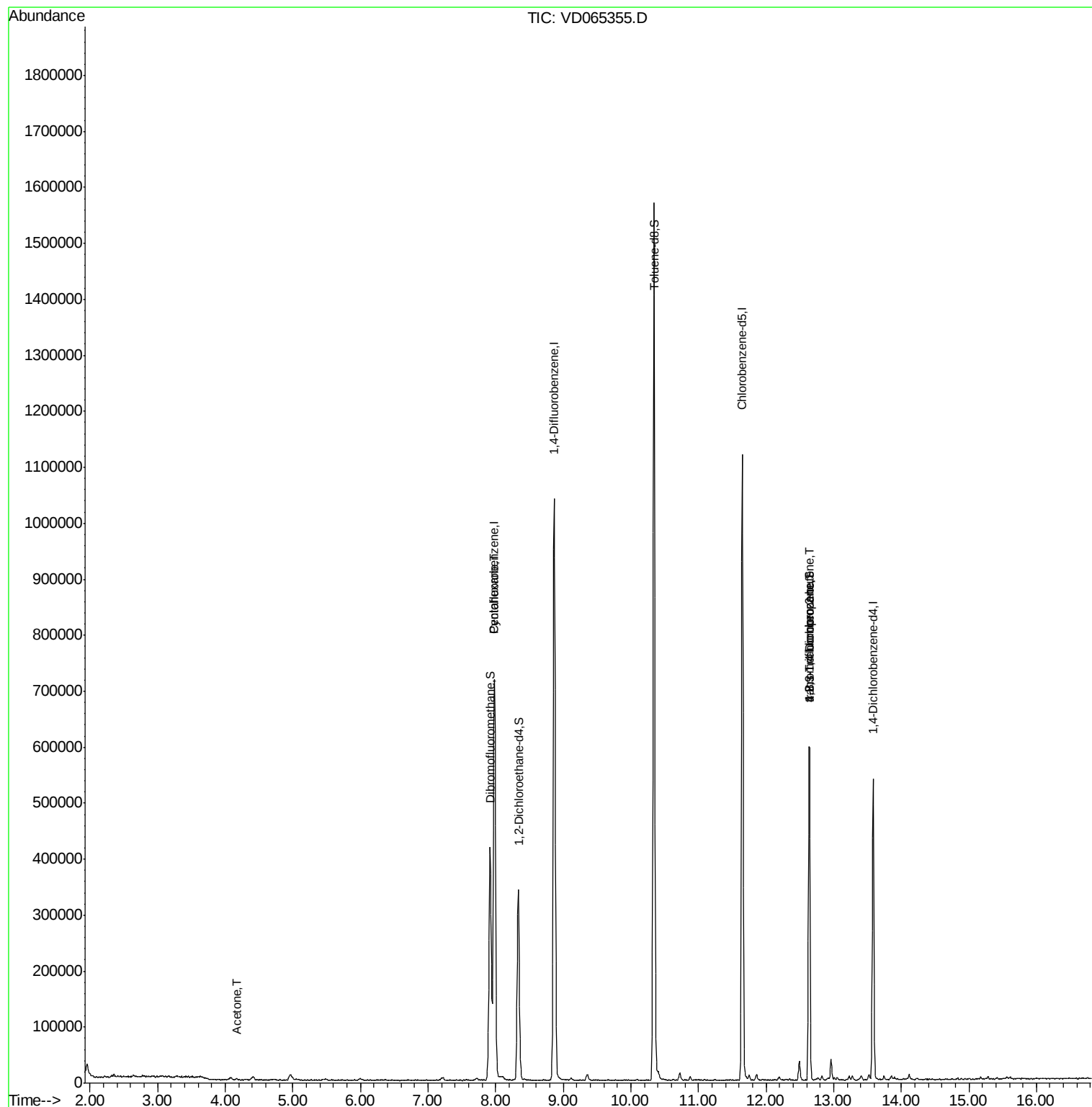
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.94	56	54	Below Cal	#	14
16) Acetone	4.17	43	2806	2.22	ug/l	96
20) Methylene Chloride	4.96	84	8824	Below Cal	#	74
31) Cyclohexane	7.98	56	13103	1.29	ug/l	# 1
76) 1,2,3-Trichloropropane	12.64	75	96919	75.19	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	96919	162.35	ug/l	# 11

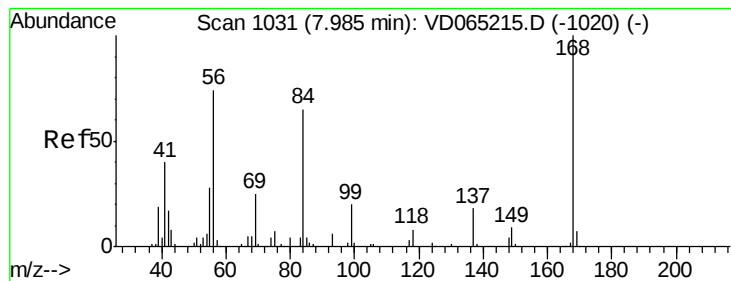
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
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QLast Update : Wed Feb 19 03:26:54 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: VD065355.D

Acq: 28 Feb 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

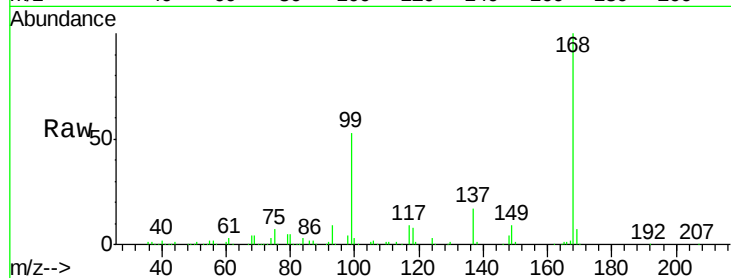
GP-06-022720

Tgt Ion:168 Resp: 573837

Ion Ratio Lower Upper

168 100

99 52.3 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

250000

200000

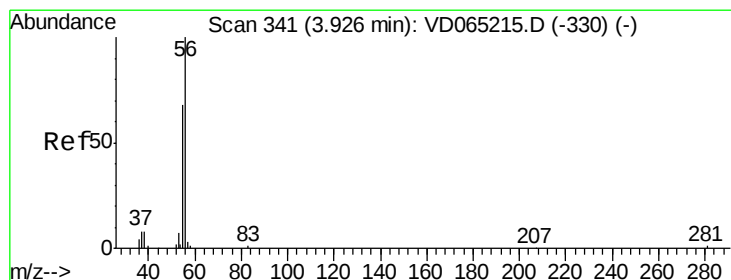
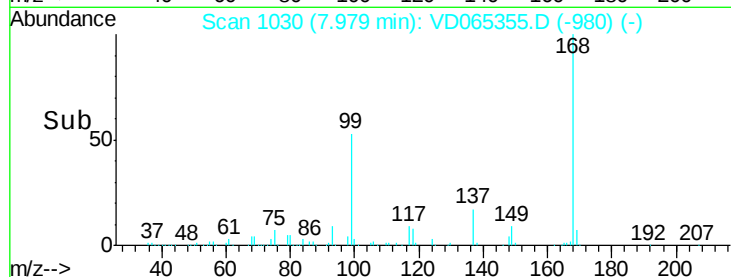
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.94 min Scan# 343

Delta R.T. 0.01 min

Lab File: VD065355.D

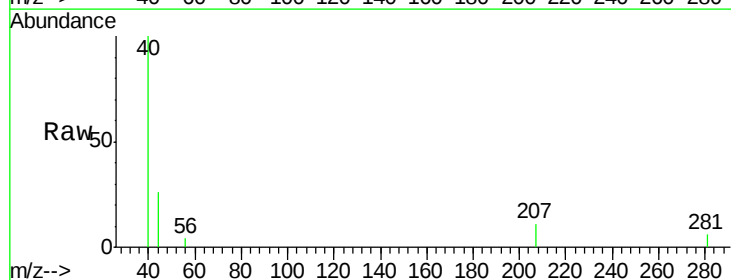
Acq: 28 Feb 2020 13:27

Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.94

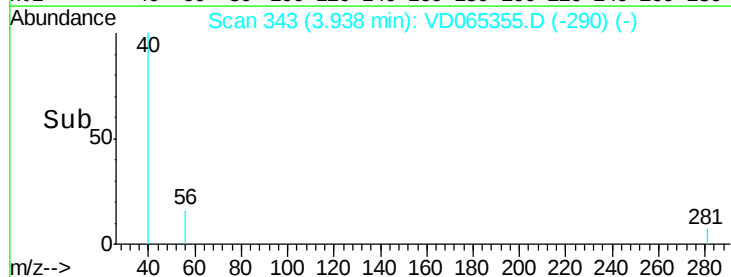
150

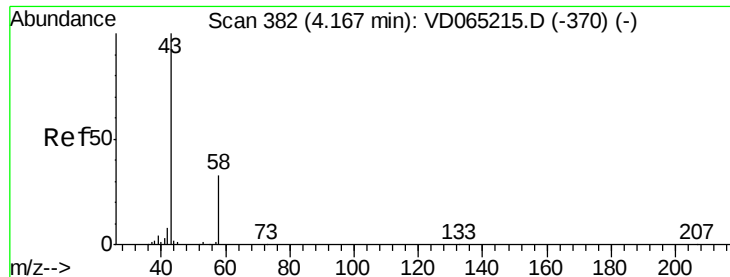
100

50

0

Time-->





#16

Acetone

Concen: 2.22 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065355.D

Acq: 28 Feb 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

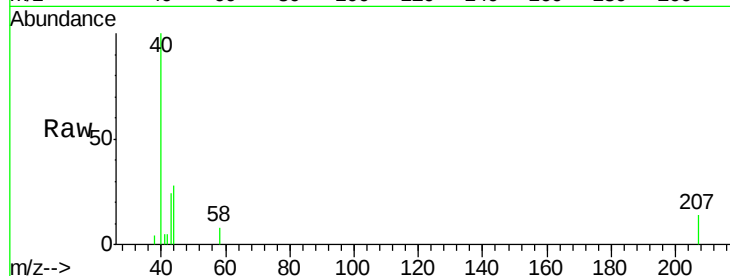
GP-06-022720

Tgt Ion: 43 Resp: 2806

Ion Ratio Lower Upper

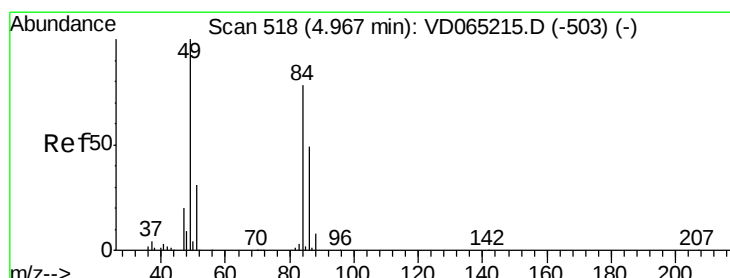
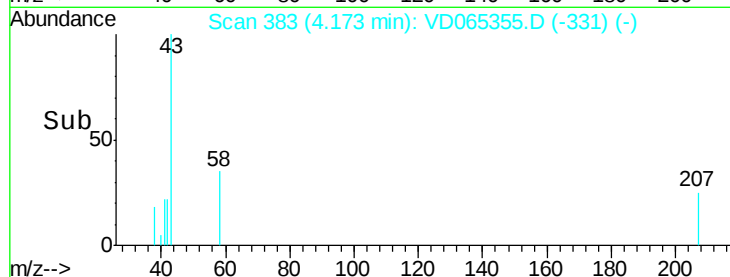
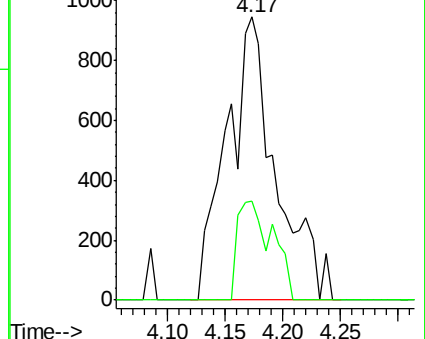
43 100

58 35.0 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: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065355.D

Acq: 28 Feb 2020 13:27

Tgt Ion: 84 Resp: 8824

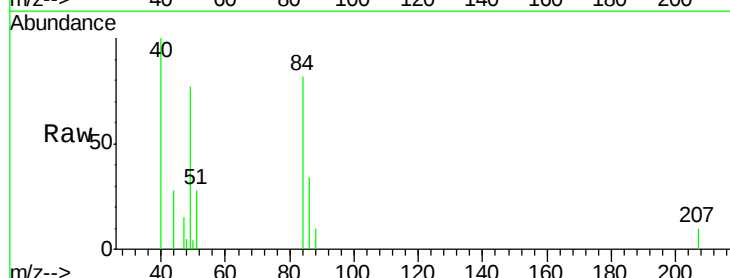
Ion Ratio Lower Upper

84 100

49 94.8 103.1 154.7#

51 33.9 31.7 47.5

86 41.8 50.9 76.3#

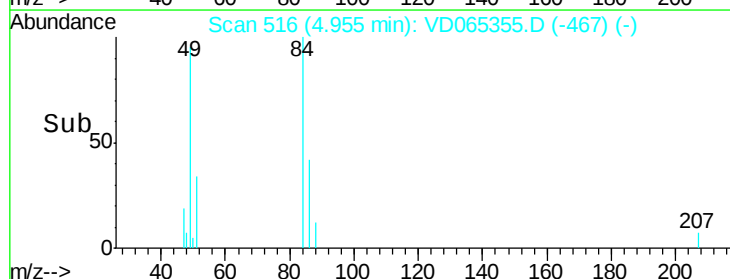
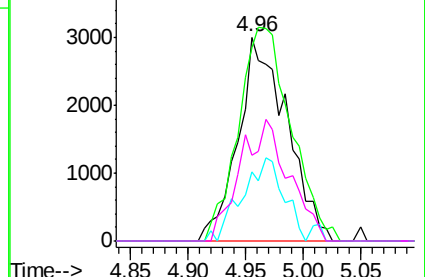


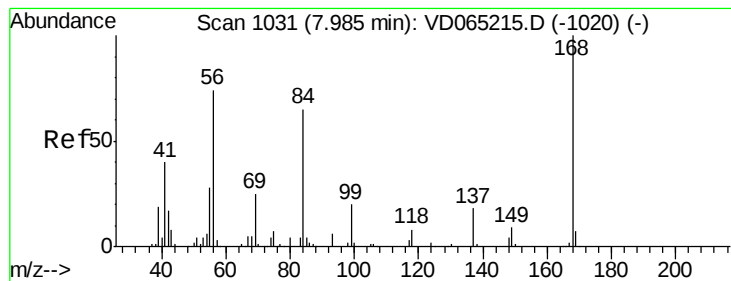
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.29 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065355.D

Acq: 28 Feb 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

GP-06-022720

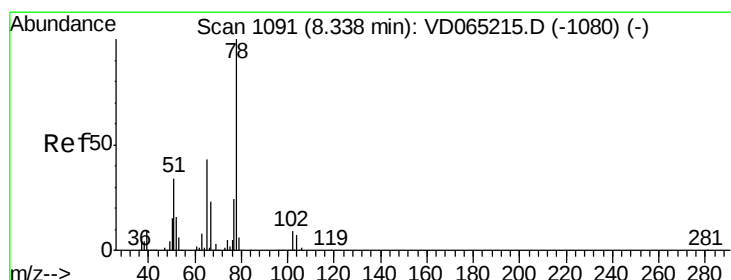
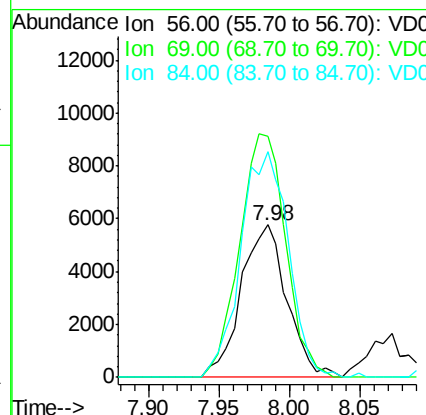
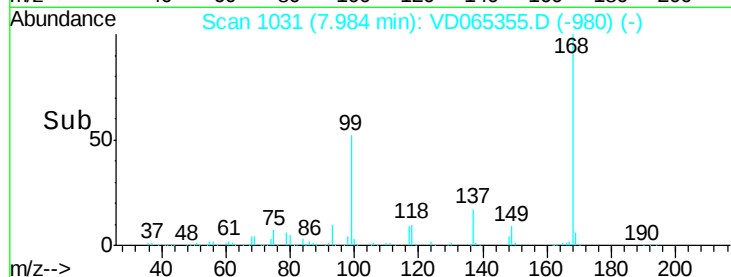
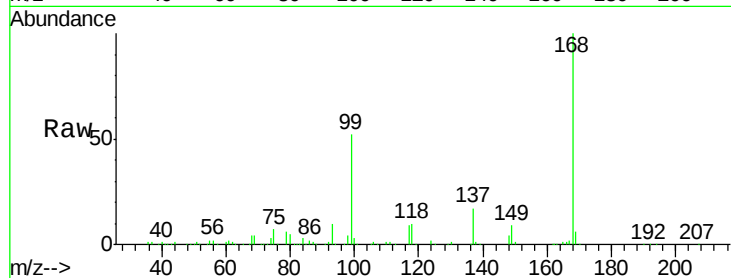
Tgt Ion: 56 Resp: 13103

Ion Ratio Lower Upper

56 100

69 158.1 27.4 41.0#

84 148.0 71.1 106.7#



#33

1,2-Dichloroethane-d4

Concen: 52.65 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065355.D

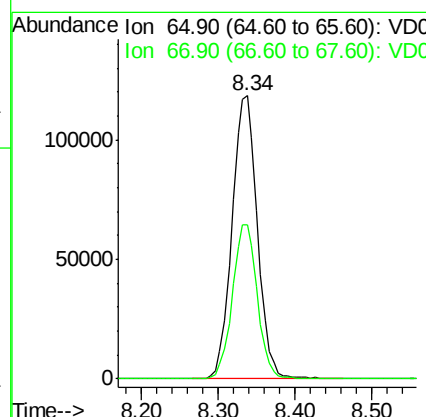
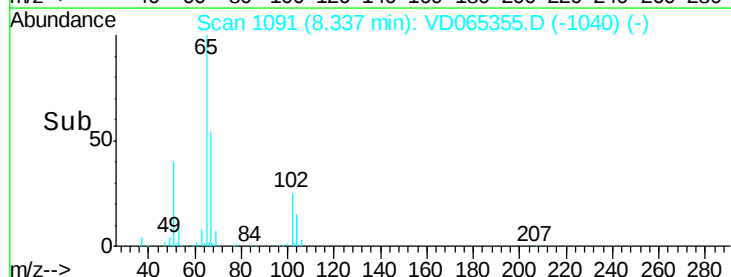
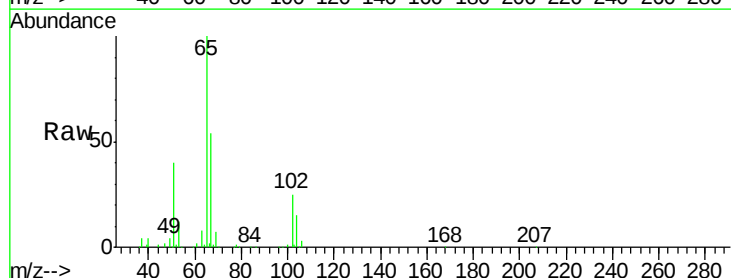
Acq: 28 Feb 2020 13:27

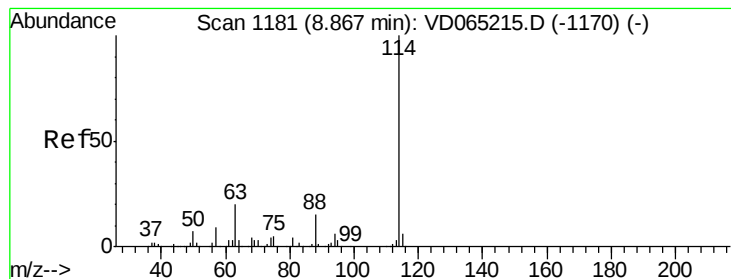
Tgt Ion: 65 Resp: 271773

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065355.D

Acq: 28 Feb 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

GP-06-022720

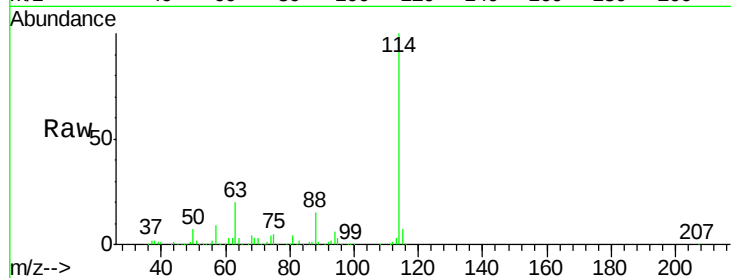
Tgt Ion:114 Resp: 914299

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

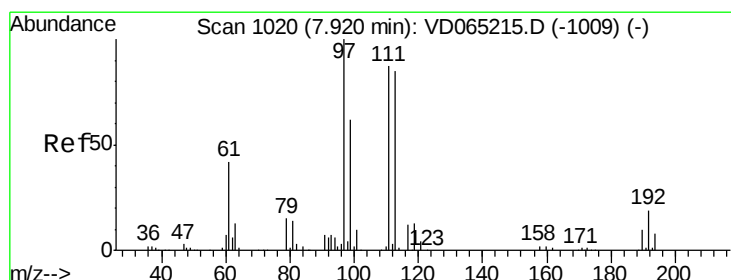
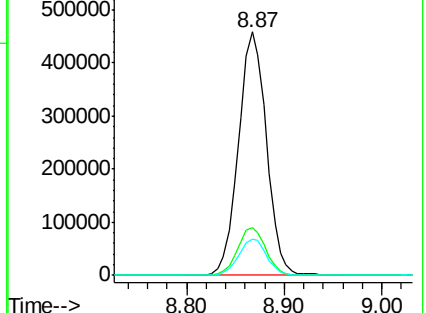
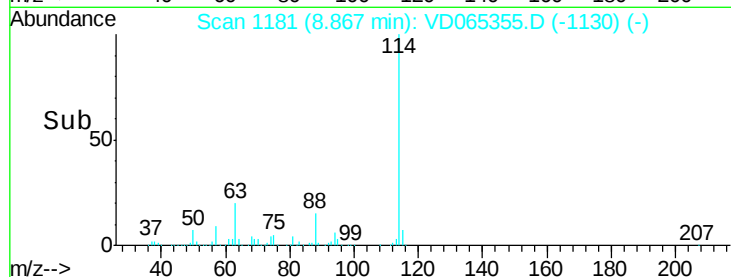
88 15.1 0.0 30.4



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: 54.03 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065355.D

Acq: 28 Feb 2020 13:27

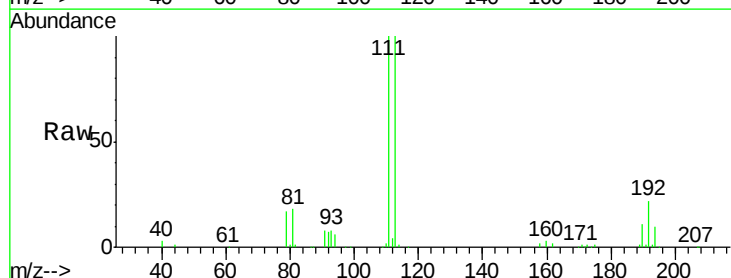
Tgt Ion:113 Resp: 301229

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

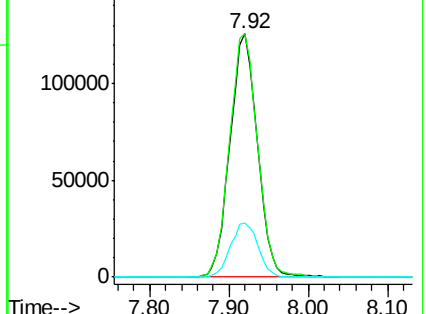
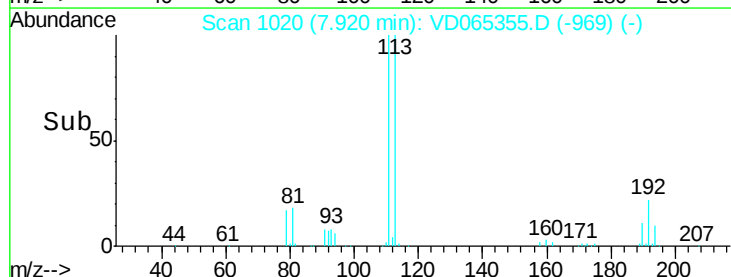
192 22.4 17.3 25.9

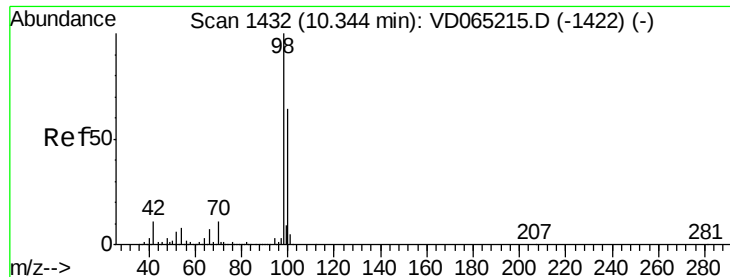


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

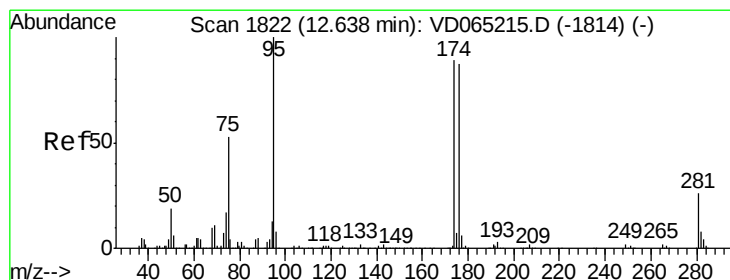
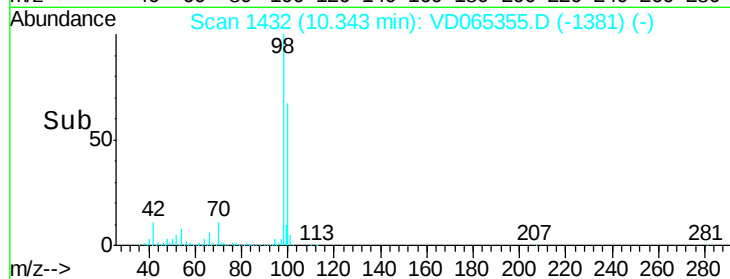
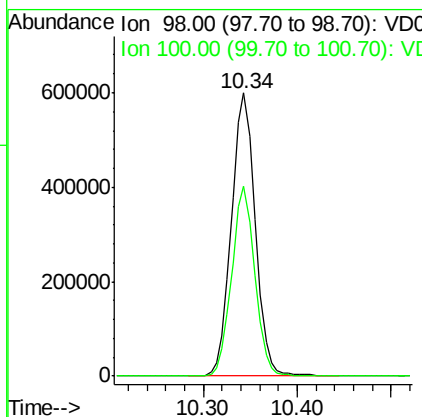
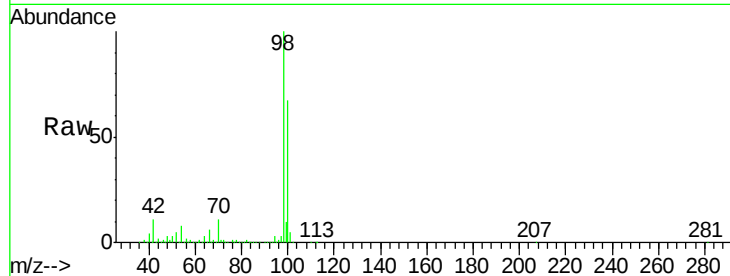




#50
Toluene-d8
Concen: 49.71 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065355.D
Acq: 28 Feb 2020 13:27

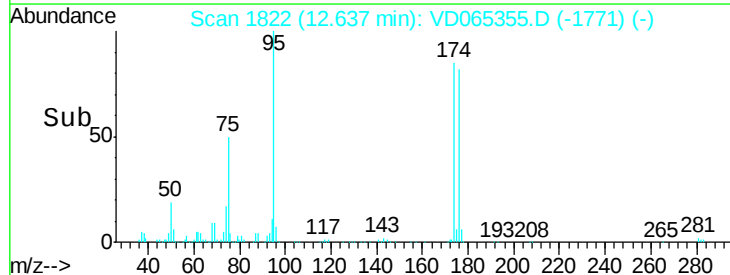
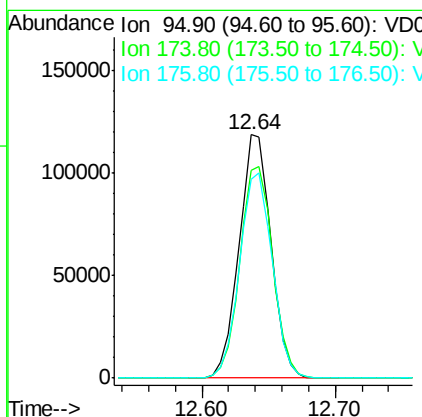
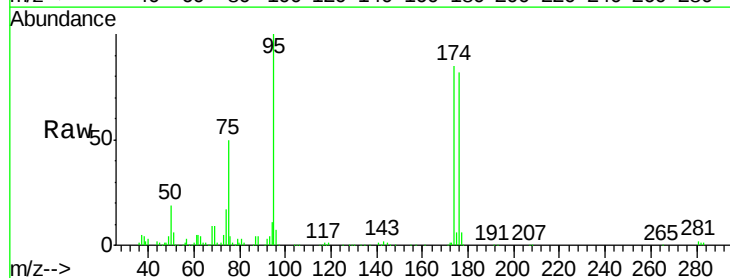
Instrument :
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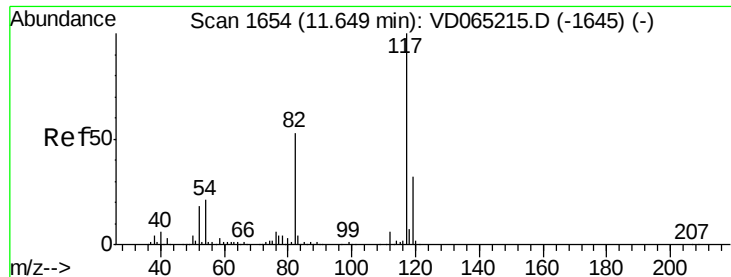
Tgt Ion: 98 Resp: 1059366
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.12 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065355.D
Acq: 28 Feb 2020 13:27

Tgt Ion: 95 Resp: 196629
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 86.0 0.0 174.4

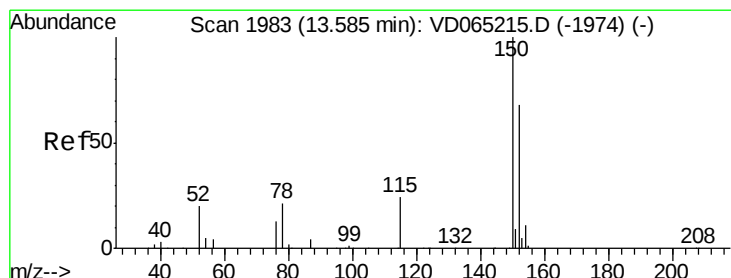
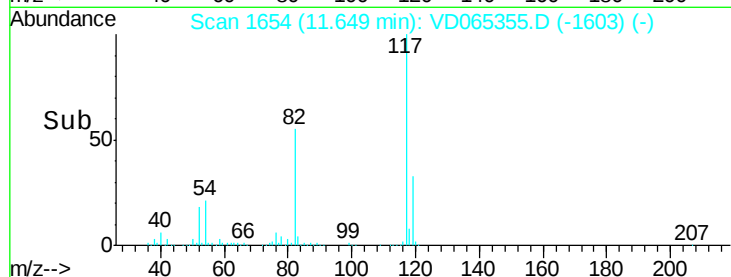
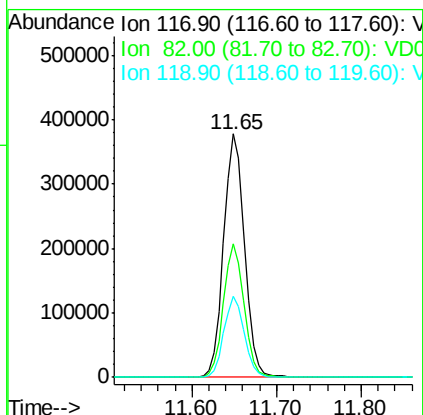
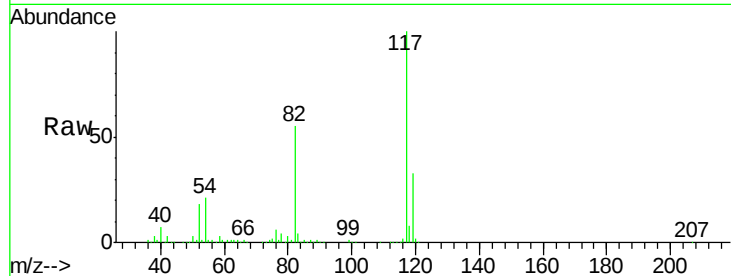




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065355.D
Acq: 28 Feb 2020 13:27

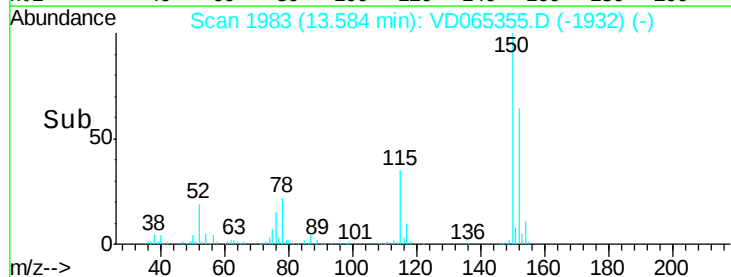
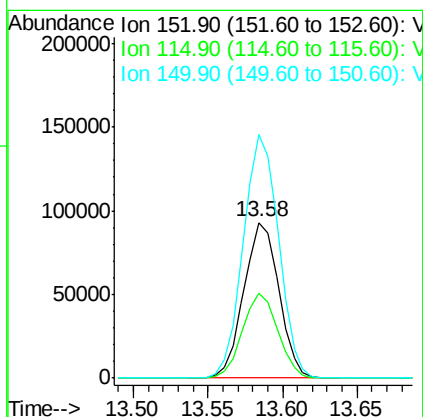
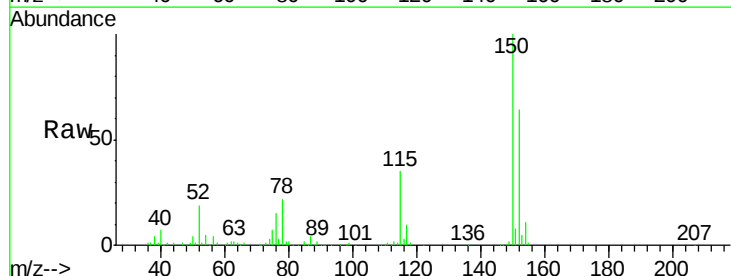
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MSVOA_D
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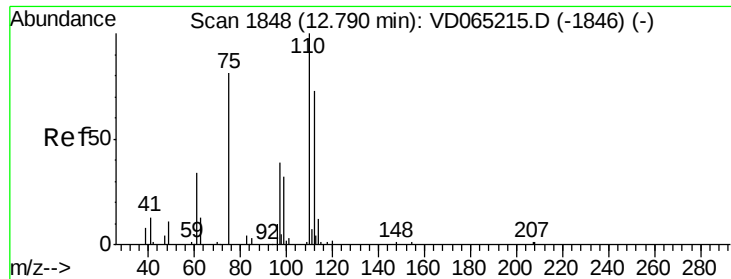
Tgt Ion:117 Resp: 645915
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065355.D
Acq: 28 Feb 2020 13:27

Tgt Ion:152 Resp: 151493
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 157.2 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 75.19 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065355.D

Acq: 28 Feb 2020 13:27

Instrument :

MSVOA_D

ClientSampleId :

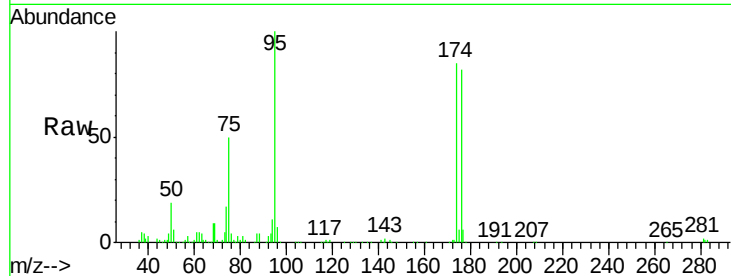
GP-06-022720

Tgt Ion: 75 Resp: 96919

Ion Ratio Lower Upper

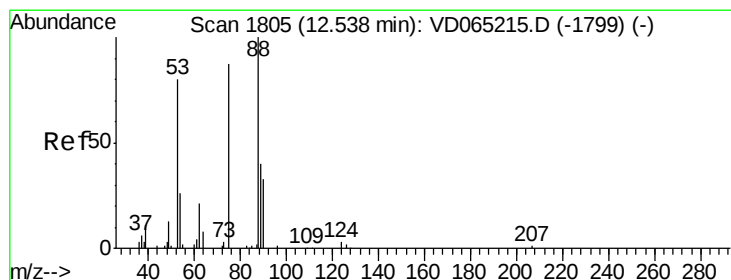
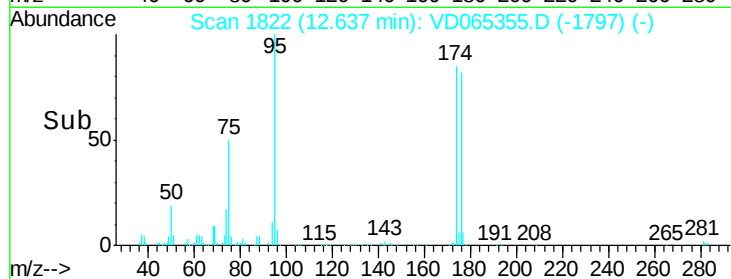
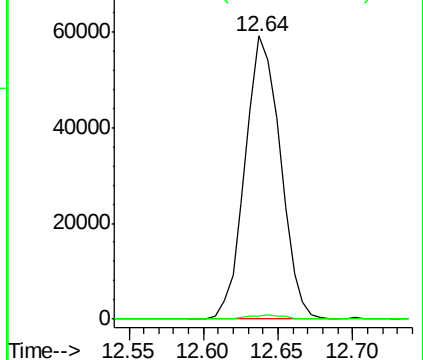
75 100

77 1.5 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: 162.35 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065355.D

Acq: 28 Feb 2020 13:27

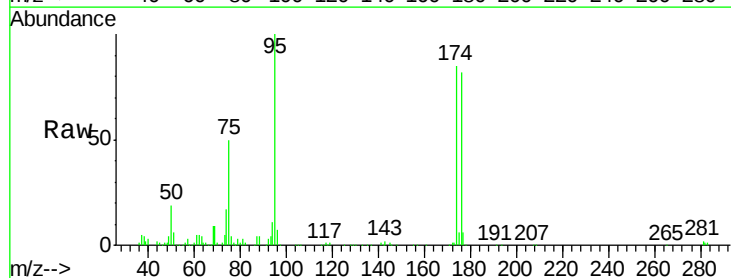
Tgt Ion: 75 Resp: 96919

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

