

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065424.D
 Acq On : 05 Mar 2020 11:47
 Operator : VA/SY
 Sample : VD0305SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 06 03:47:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

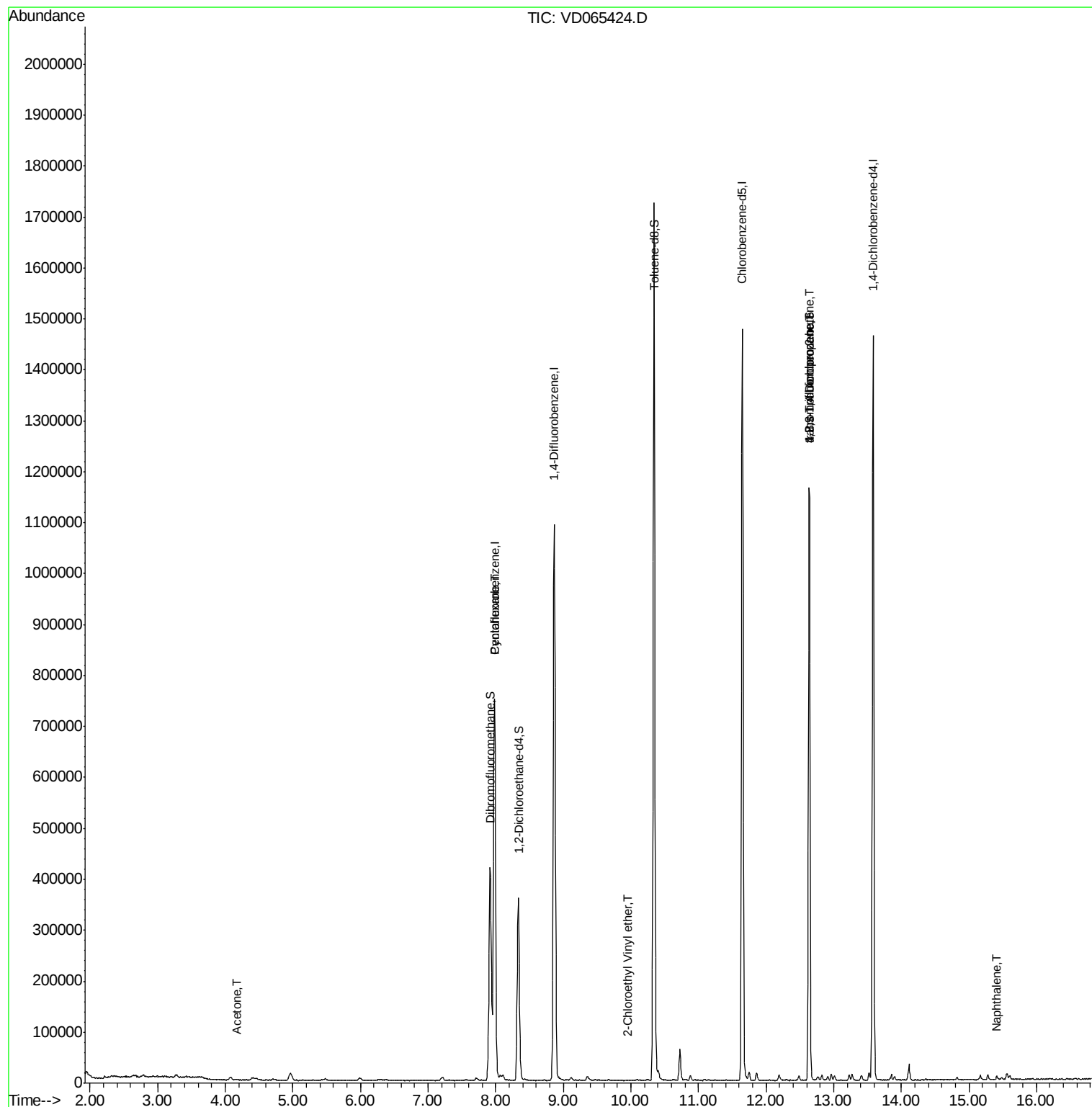
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	586627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	975952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	882508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	402286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	279566	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
35) Dibromofluoromethane	7.92	113	307500	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.34	98	1173276	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.64	95	354809	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
Target Compounds						
5) Bromomethane	2.80	94	2083	Below Cal	#	71
16) Acetone	4.17	43	3408	3.349	ug/l	95
20) Methylene Chloride	4.96	84	12398	Below Cal		94
31) Cyclohexane	7.98	56	13929	1.394	ug/l #	3
58) 2-Chloroethyl Vinyl ether	9.96	63	142	2.267	ug/l #	46
76) 1,2,3-Trichloropropane	12.64	75	173344	54.607	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	173344	115.238	ug/l #	14
95) Naphthalene	15.41	128	5748	4.810	ug/l #	88

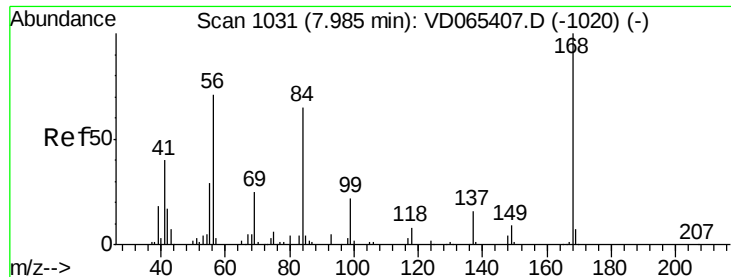
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030520\
Data File : VD065424.D
Acq On : 05 Mar 2020 11:47
Operator : VA/SY
Sample : VD0305SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 06 03:47:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 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: VD065424.D

Acq: 05 Mar 2020 11:47

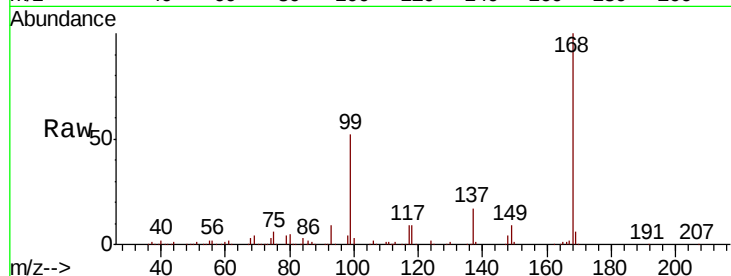
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 586627

Ion Ratio Lower Upper

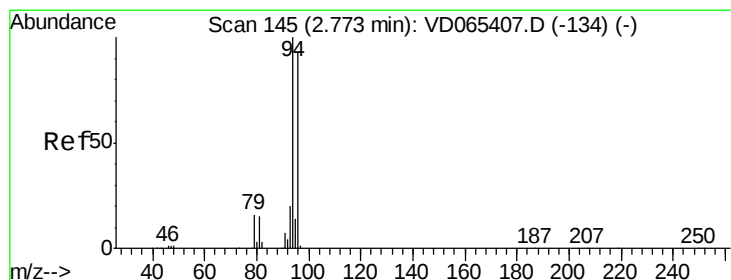
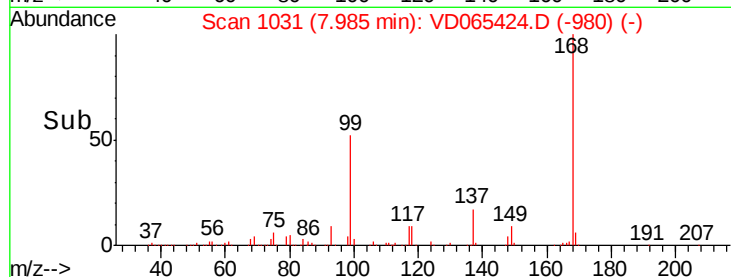
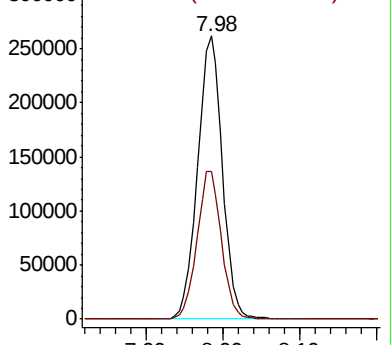
168 100

99 52.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.80 min Scan# 149

Delta R.T. 0.02 min

Lab File: VD065424.D

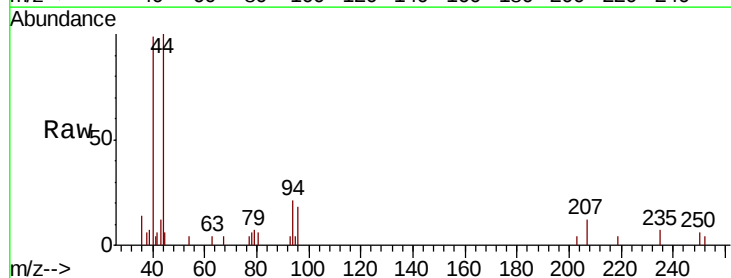
Acq: 05 Mar 2020 11:47

Tgt Ion: 94 Resp: 2083

Ion Ratio Lower Upper

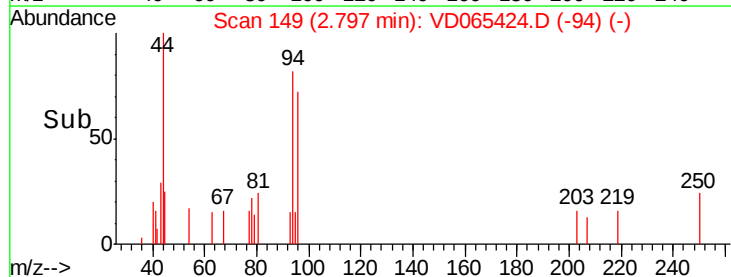
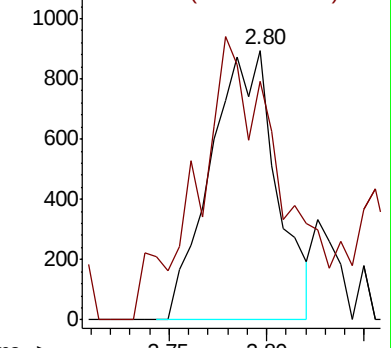
94 100

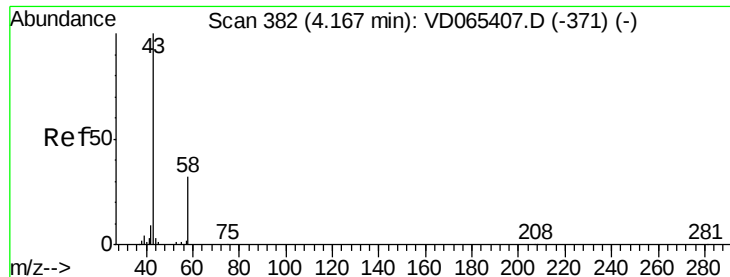
96 64.7 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 3.349 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065424.D

Acq: 05 Mar 2020 11:47

Instrument :

MSVOA_D

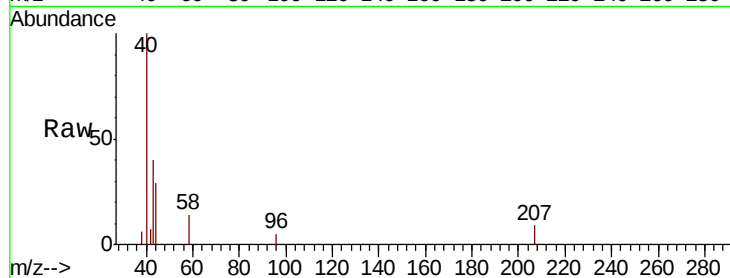
ClientSampleId :

Tot Ion: 43 Resp: 3408

Ion Ratio Lower Upper

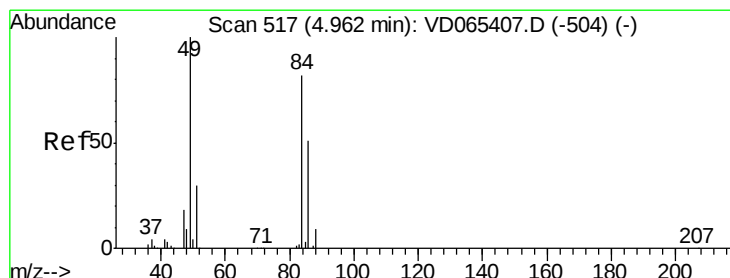
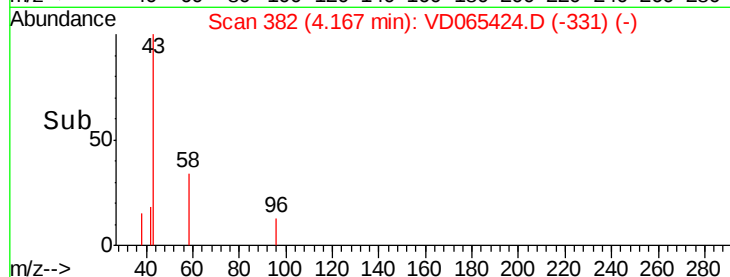
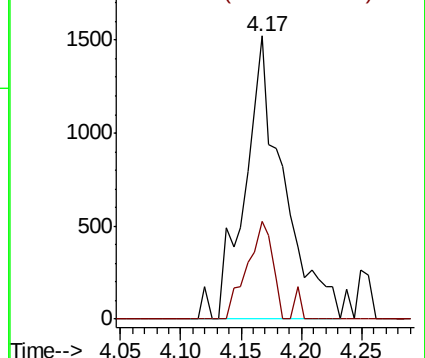
43 100

58 34.4 25.1 37.7



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# 517

Delta R.T. 0.00 min

Lab File: VD065424.D

Acq: 05 Mar 2020 11:47

Tgt Ion: 84 Resp: 12398

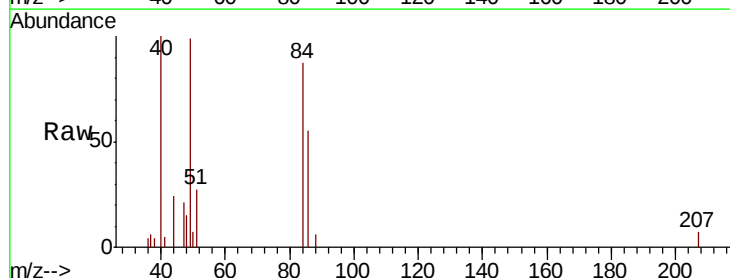
Ion Ratio Lower Upper

84 100

49 112.7 97.7 146.5

51 31.5 28.8 43.2

86 63.3 49.5 74.3

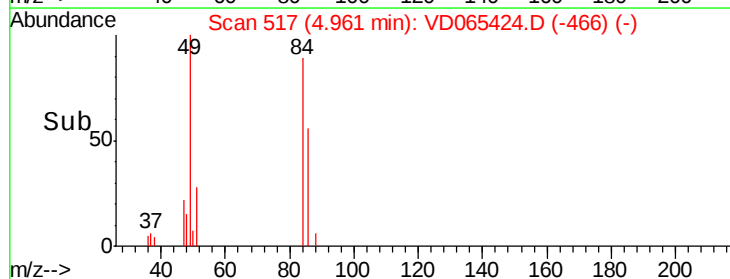
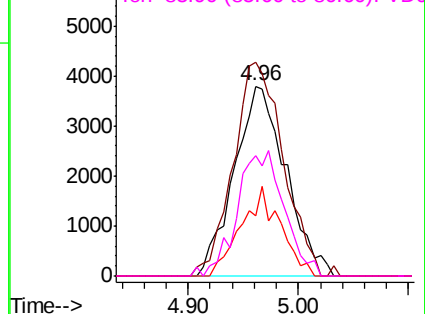


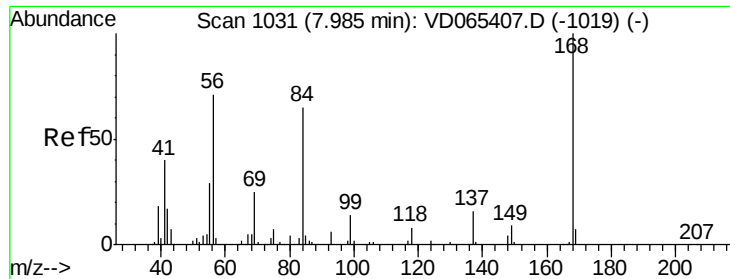
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

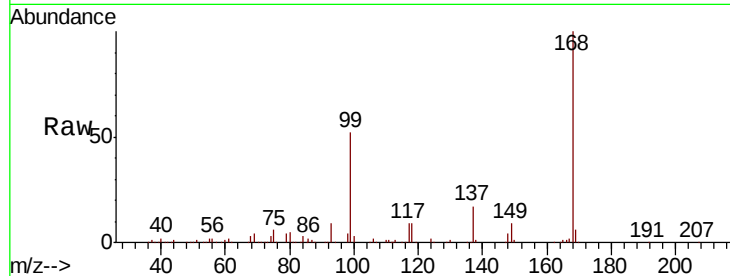




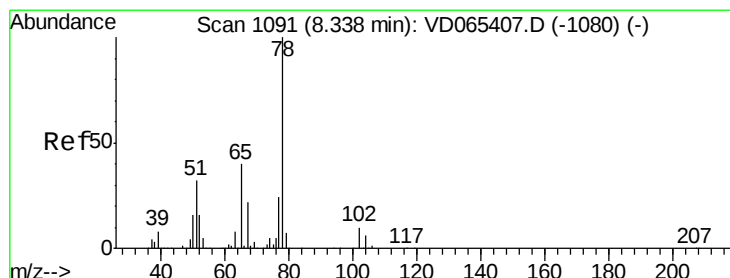
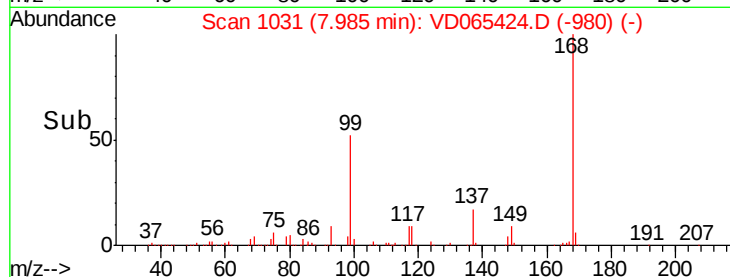
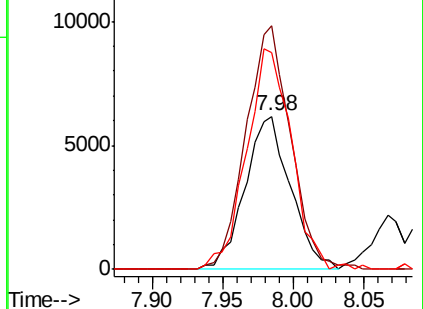
#31
Cyclohexane
Concen: 1.394 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065424.D
Acq: 05 Mar 2020 11:47

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 13929
Ion Ratio Lower Upper
56 100
69 158.8 28.3 42.5#
84 141.3 73.1 109.7#

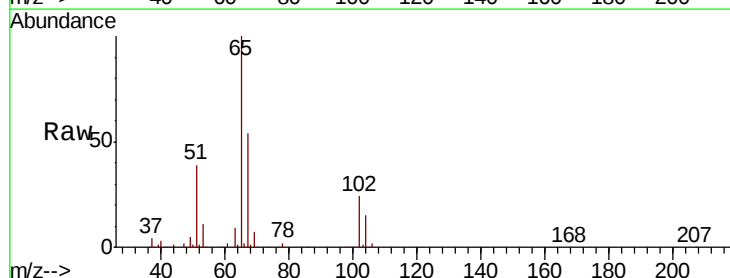


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

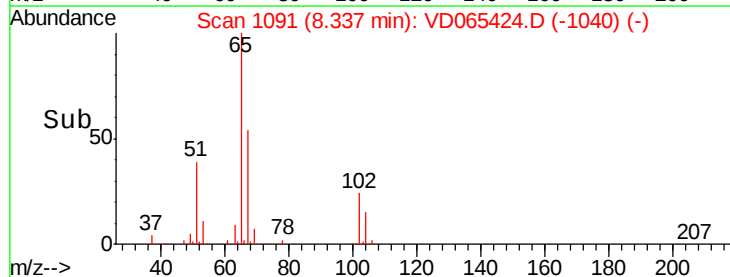
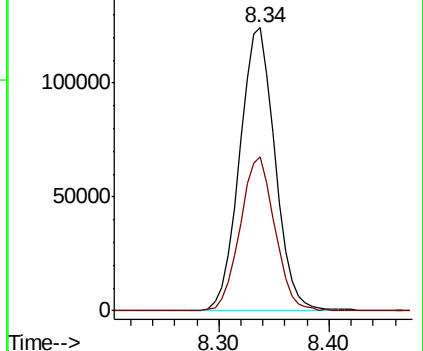


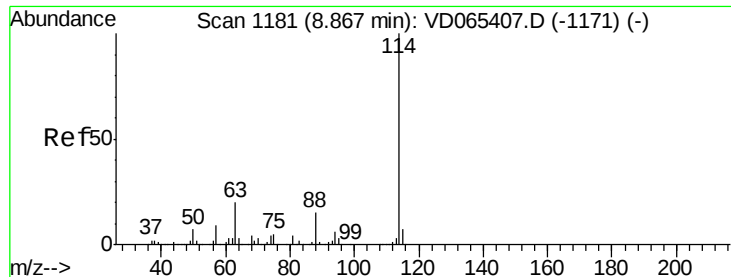
#33
1,2-Dichloroethane-d4
Concen: 55.557 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065424.D
Acq: 05 Mar 2020 11:47

Tgt Ion: 65 Resp: 279566
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0



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: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065424.D

Acq: 05 Mar 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

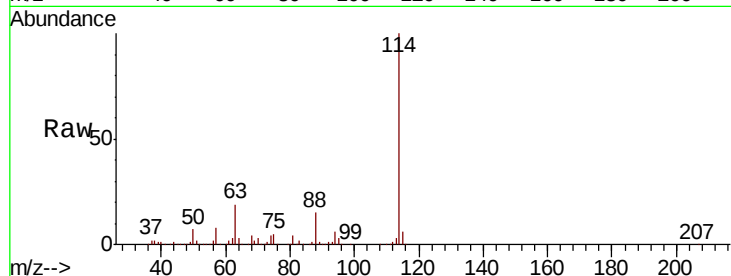
Tot Ion:114 Resp: 975952

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 14.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

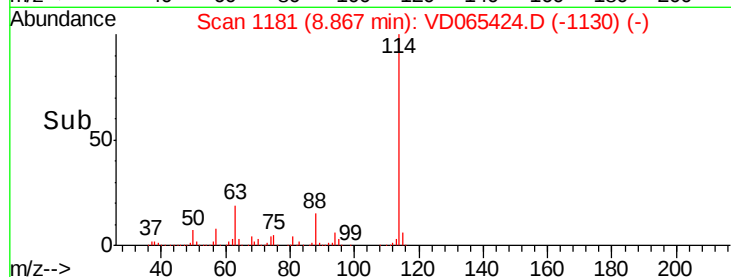
Ion 87.90 (87.60 to 88.60): VDC

600000

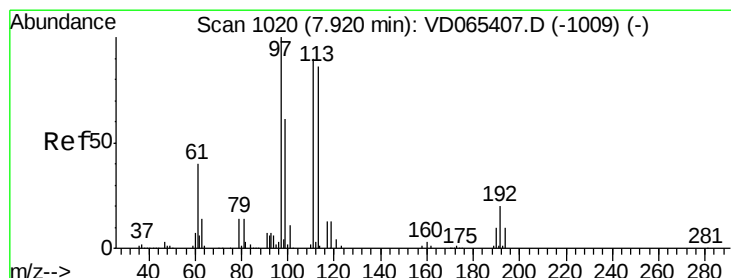
400000

200000

0



Time-->



#35

Dibromofluoromethane

Concen: 50.950 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065424.D

Acq: 05 Mar 2020 11:47

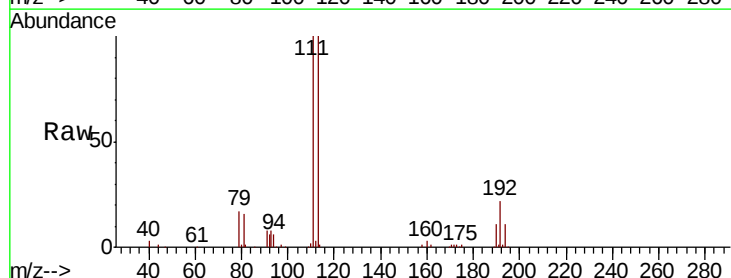
Tgt Ion:113 Resp: 307500

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

192 22.6 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

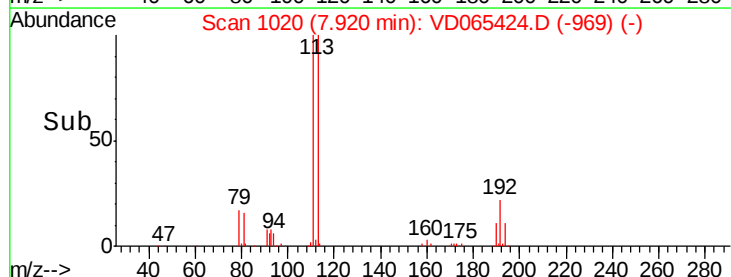
Ion 191.70 (191.40 to 192.40): V

150000

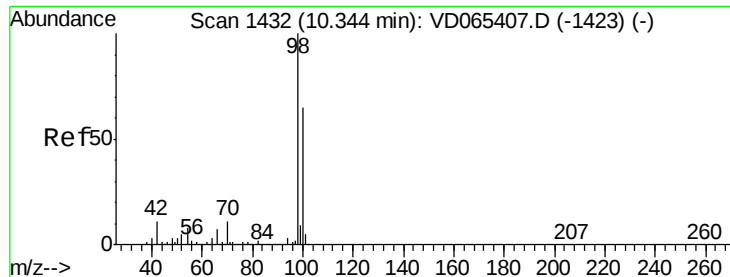
100000

50000

0



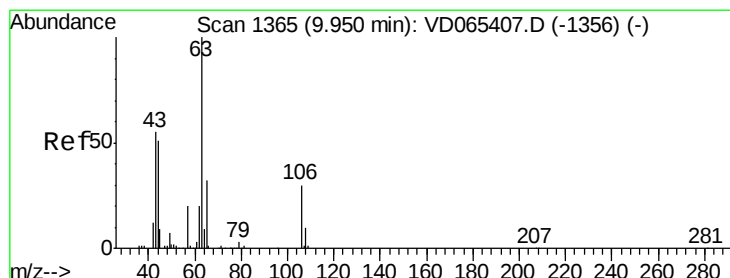
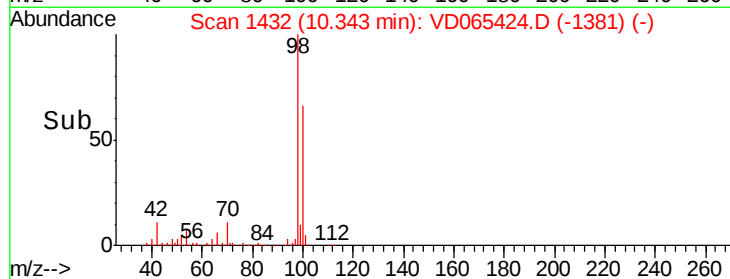
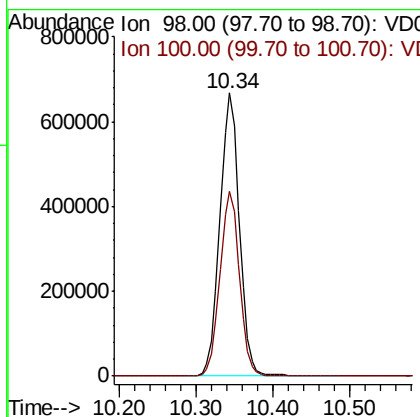
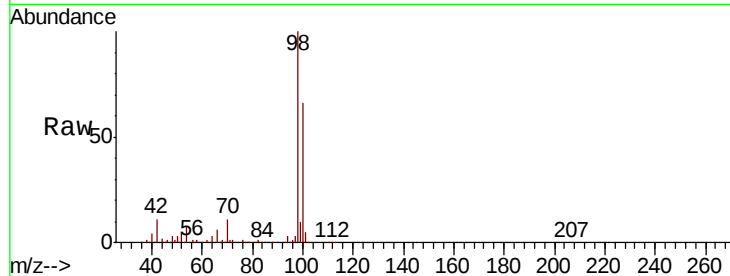
Time-->



#50
Toluene-d8
Concen: 50.673 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065424.D
Acq: 05 Mar 2020 11:47

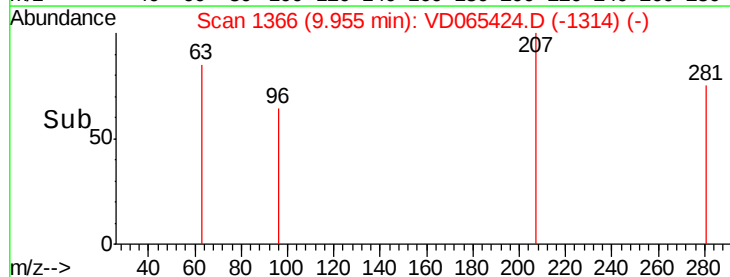
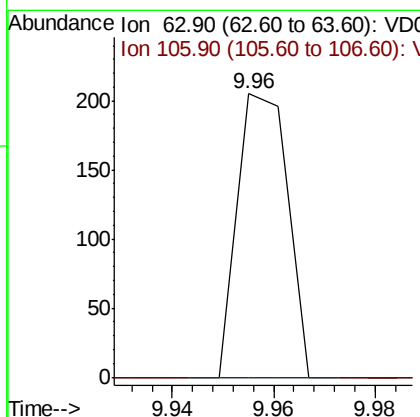
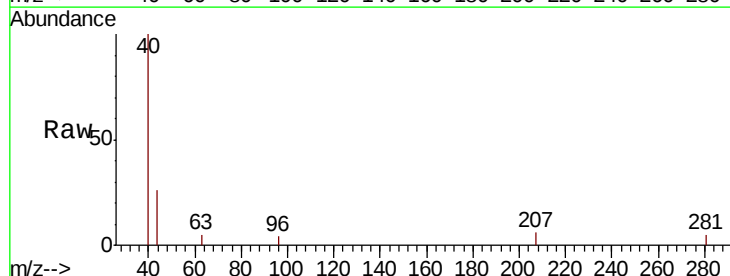
Instrument :
MSVOA_D
ClientSampleId :

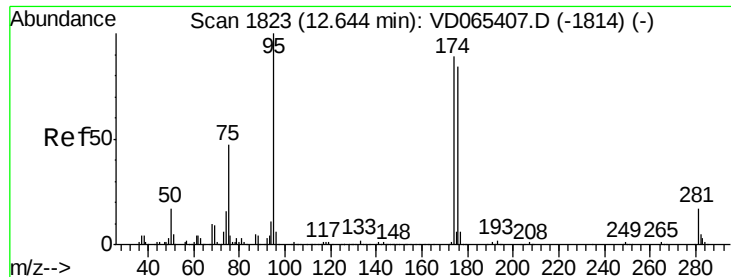
Tot Ion: 98 Resp: 1173276
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#58
2-Chloroethyl Vinyl ether
Concen: 2.267 ug/l
RT: 9.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD065424.D
Acq: 05 Mar 2020 11:47

Tgt Ion: 63 Resp: 142
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#





#62

4-Bromofluorobenzene

Concen: 49.639 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065424.D

Acq: 05 Mar 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

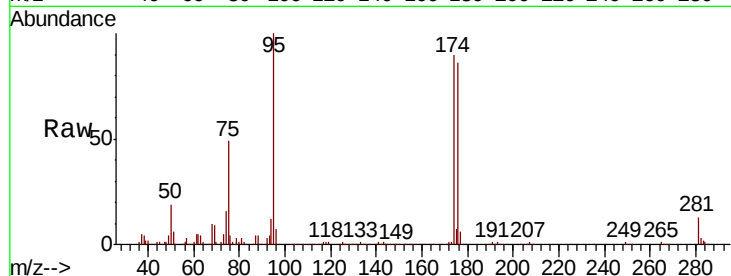
Tot Ion: 95 Resp: 354809

Ion Ratio Lower Upper

95 100

174 90.2 0.0 176.8

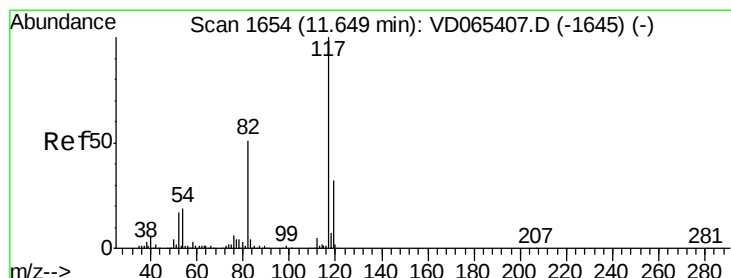
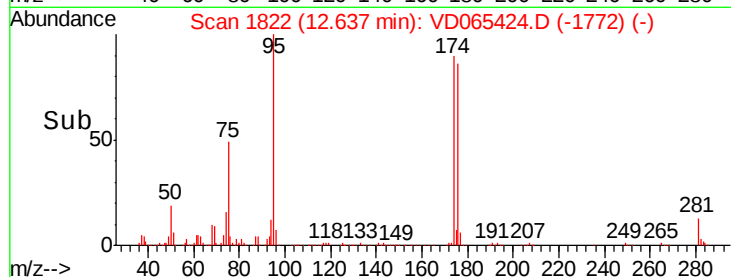
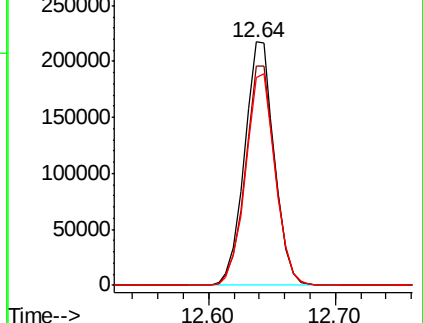
176 86.9 0.0 171.4



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: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065424.D

Acq: 05 Mar 2020 11:47

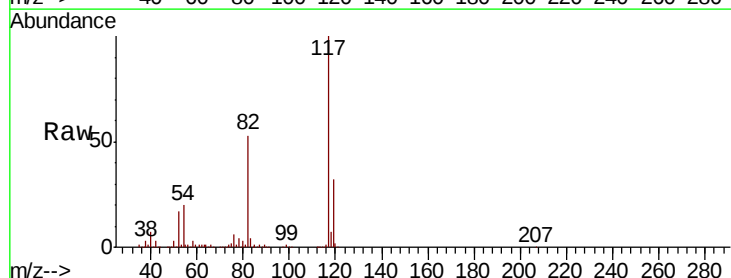
Tgt Ion: 117 Resp: 882508

Ion Ratio Lower Upper

117 100

82 53.1 40.6 60.8

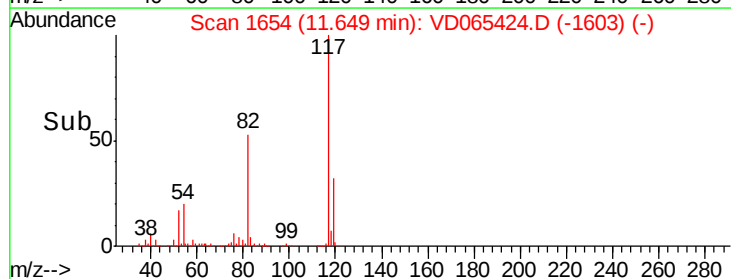
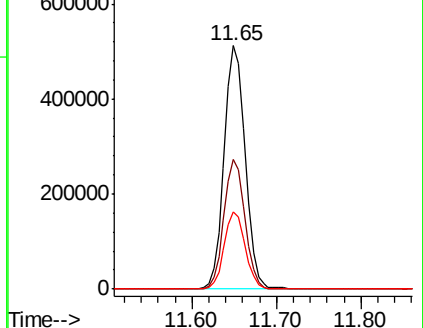
119 31.7 25.4 38.2

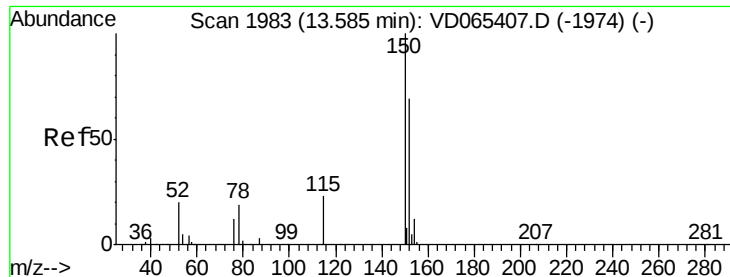


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



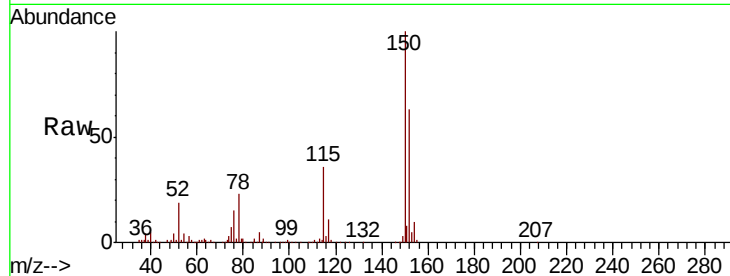


#72

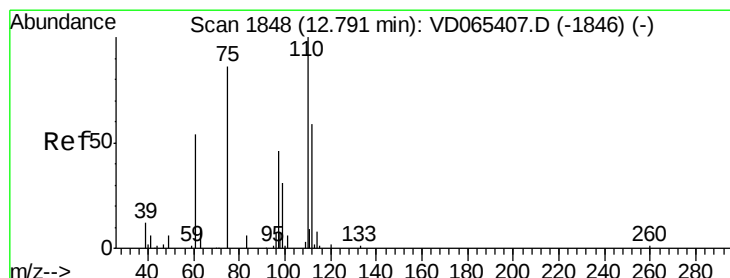
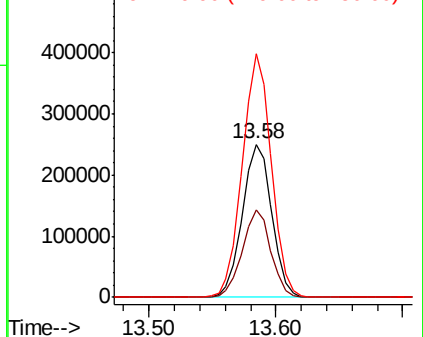
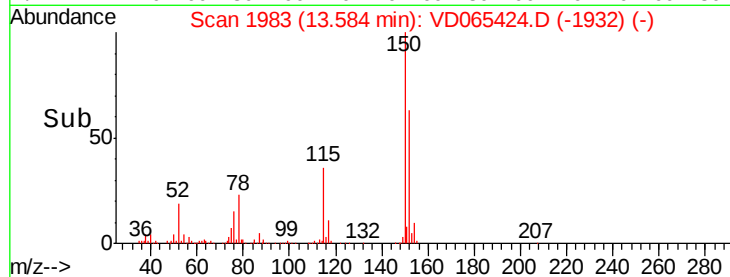
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065424.D
Acq: 05 Mar 2020 11:47

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.6	82.8
150	157.3	0.0	345.0



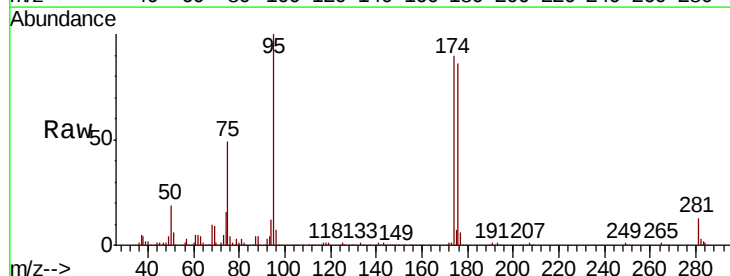
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



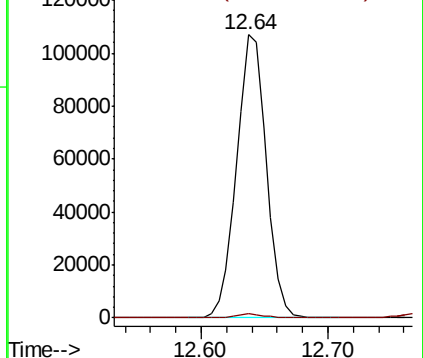
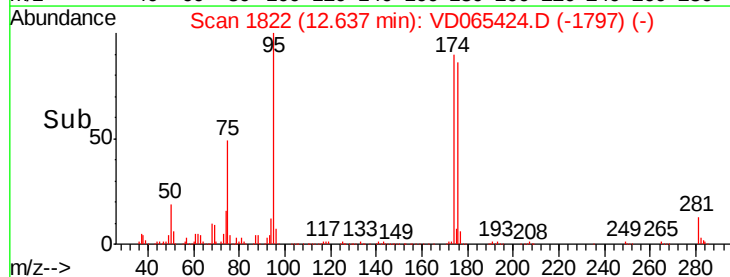
#76

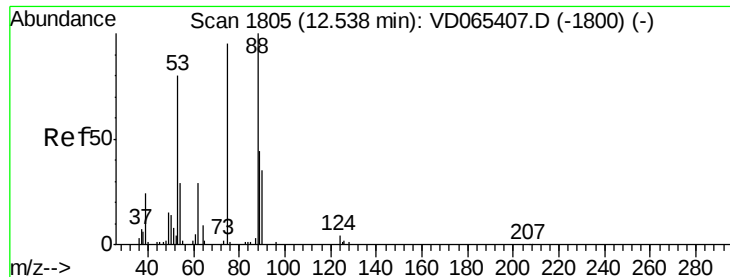
1,2,3-Trichloropropane
Concen: 54.607 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065424.D
Acq: 05 Mar 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 115.238 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065424.D

Acq: 05 Mar 2020 11:47

Instrument :

MSVOA_D

ClientSampled :

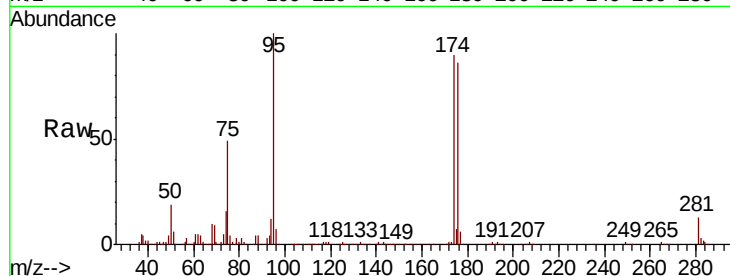
Tot Ion: 75 Resp: 173344

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

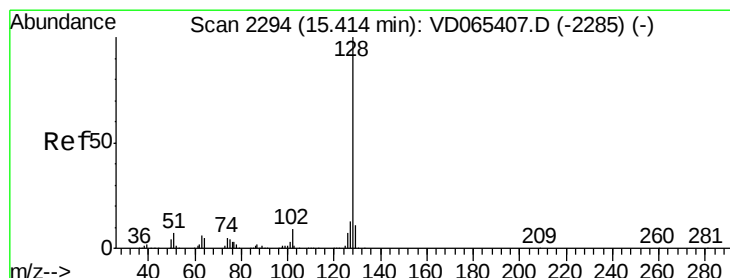
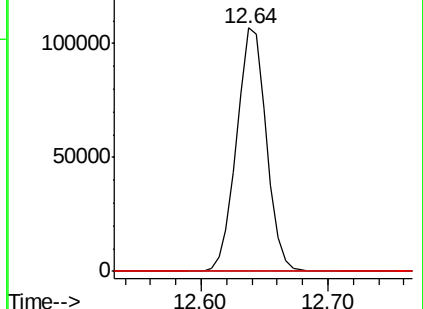
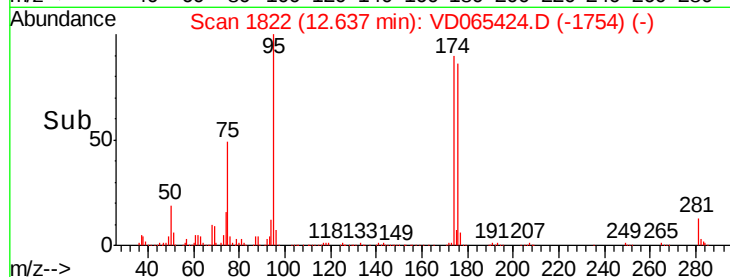
89 0.1 37.0 55.6#



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: 4.810 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

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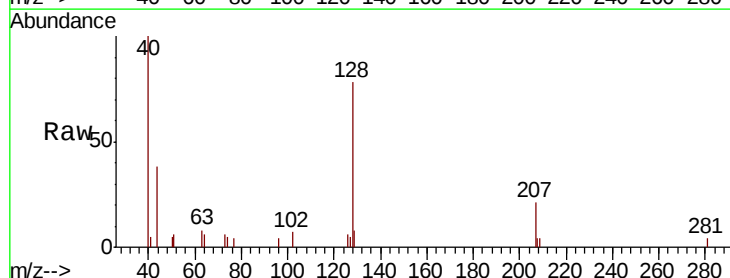
Tgt Ion: 128 Resp: 5748

Ion Ratio Lower Upper

128 100

127 7.0 10.6 16.0#

129 7.9 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

