

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021420\
 Data File : VD065188.D
 Acq On : 14 Feb 2020 15:51
 Operator : VA/SY
 Sample : L1531-01
 Misc : 7.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 15 00:10:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

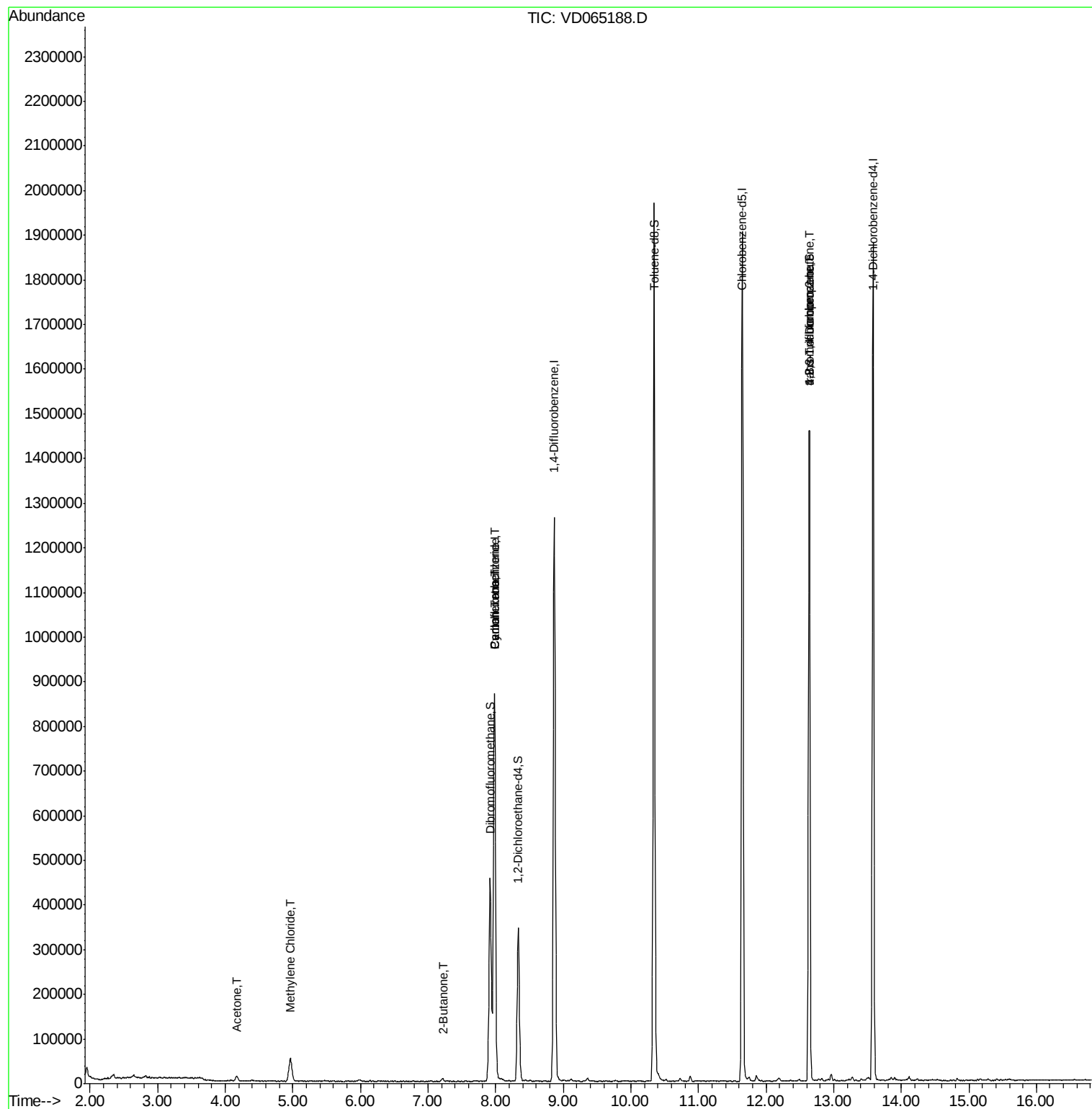
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	678557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1103551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1105186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	500642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	278475	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.92	113	326410	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	10.34	98	1335799	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
62) 4-Bromofluorobenzene	12.64	95	474010	61.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.08%	
Target Compounds						
16) Acetone	4.17	43	20053	13.907	ug/l	97
20) Methylene Chloride	4.96	84	39268	2.437	ug/l	94
25) 2-Butanone	7.22	43	3719	2.162	ug/l	91
31) Cyclohexane	7.98	56	14377	1.253	ug/l #	1
38) Carbon Tetrachloride	7.98	117	64712	6.175	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	241016	63.586	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	241016	127.167	ug/l #	10

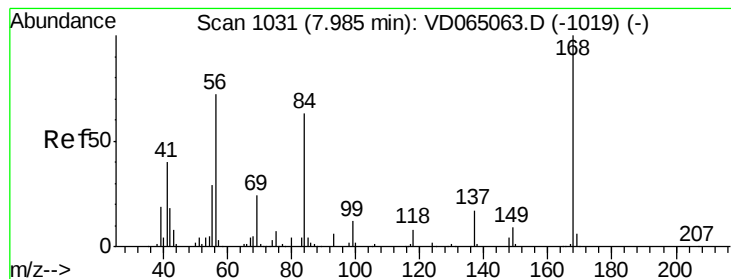
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021420\
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Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 15 00:10:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 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: VD065188.D

Acq: 14 Feb 2020 15:51

Instrument :

MSVOA_D

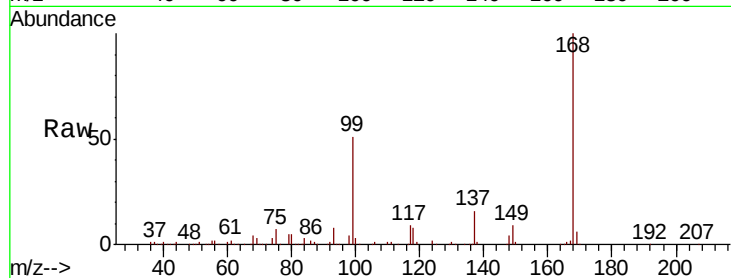
ClientSampleId :

Tot Ion:168 Resp: 678557

Ion Ratio Lower Upper

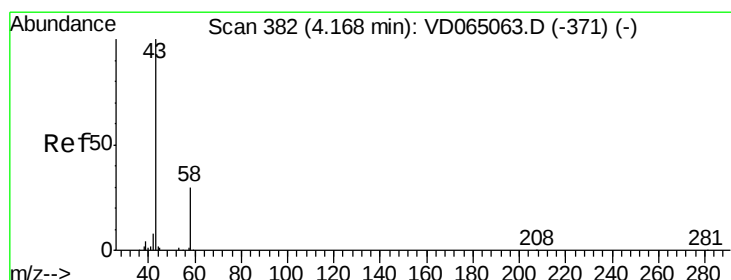
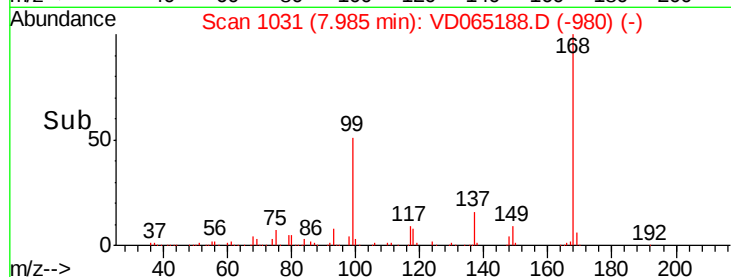
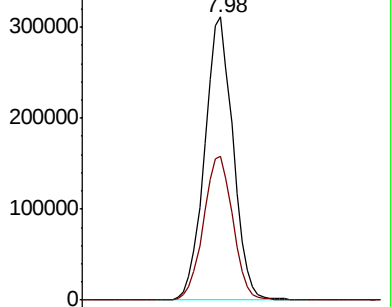
168 100

99 50.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 13.907 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065188.D

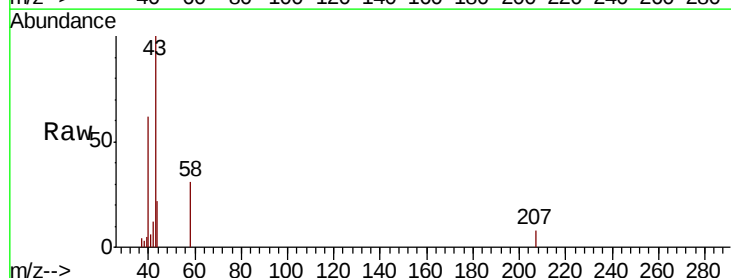
Acq: 14 Feb 2020 15:51

Tgt Ion: 43 Resp: 20053

Ion Ratio Lower Upper

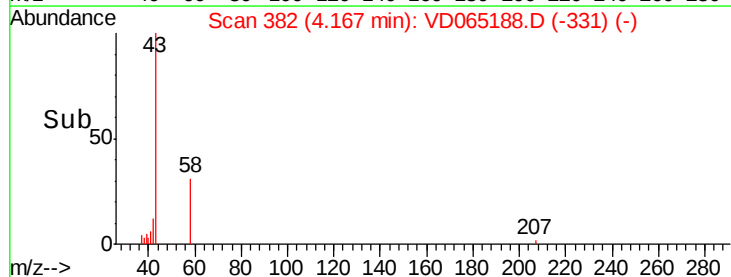
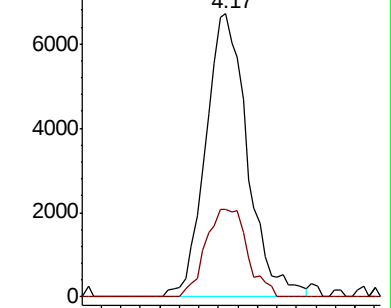
43 100

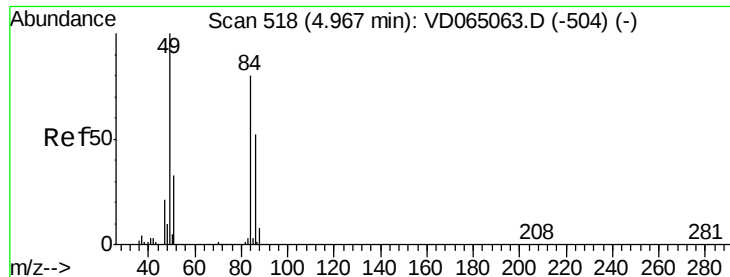
58 31.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

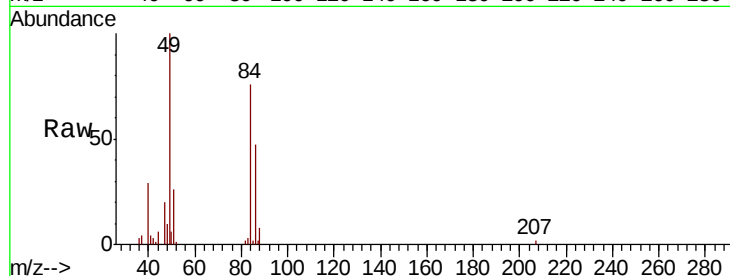




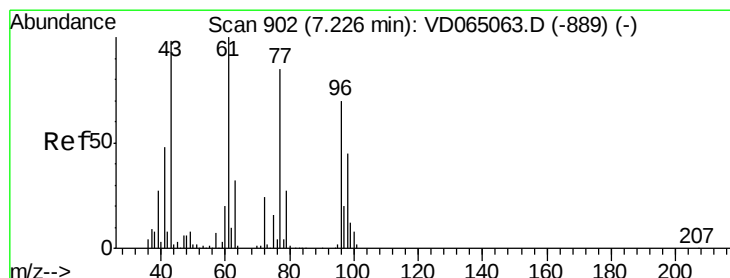
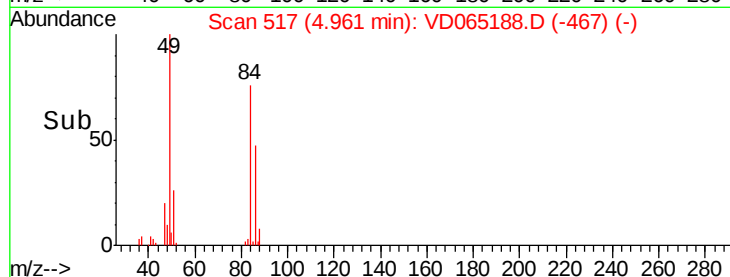
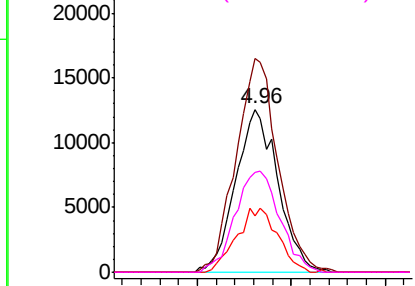
#20
Methvlene Chloride
Concen: 2.437 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065188.D
Acq: 14 Feb 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 39268
Ion Ratio Lower Upper
84 100
49 131.0 100.4 150.6
51 34.3 32.7 49.1
86 61.6 52.4 78.6

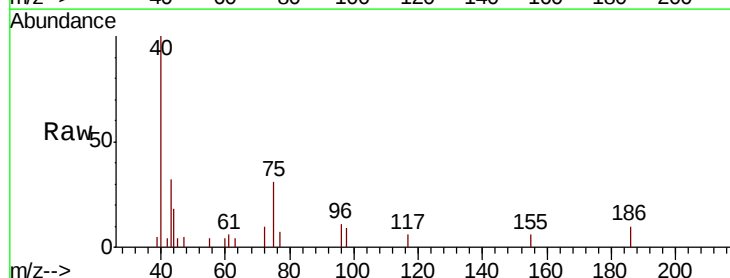


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

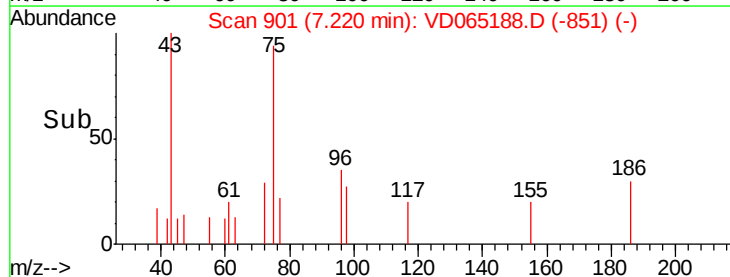
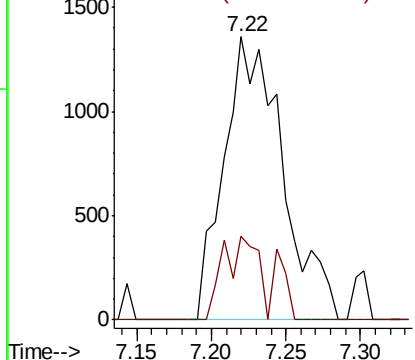


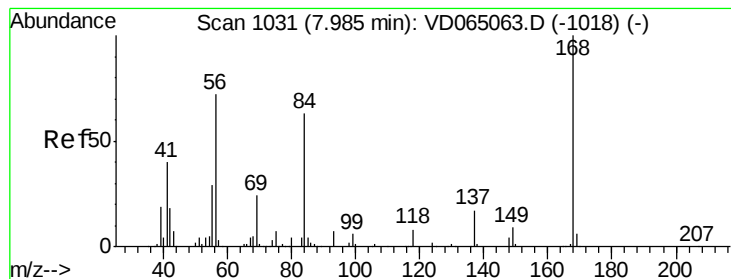
#25
2-Butanone
Concen: 2.162 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD065188.D
Acq: 14 Feb 2020 15:51

Tgt Ion: 43 Resp: 3719
Ion Ratio Lower Upper
43 100
72 29.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.253 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065188.D

Acq: 14 Feb 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

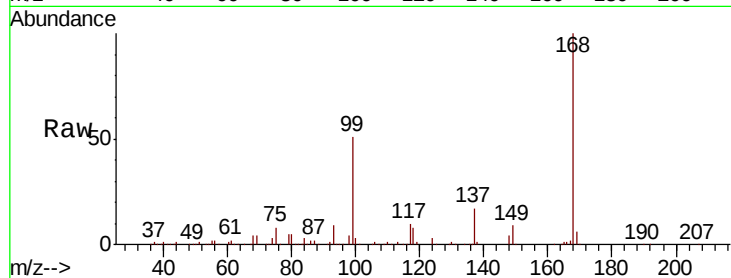
Tot Ion: 56 Resp: 14377

Ion Ratio Lower Upper

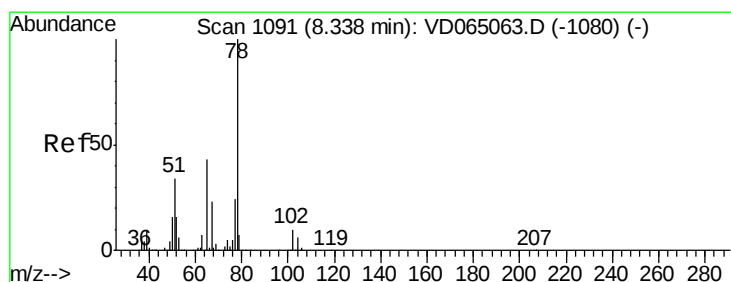
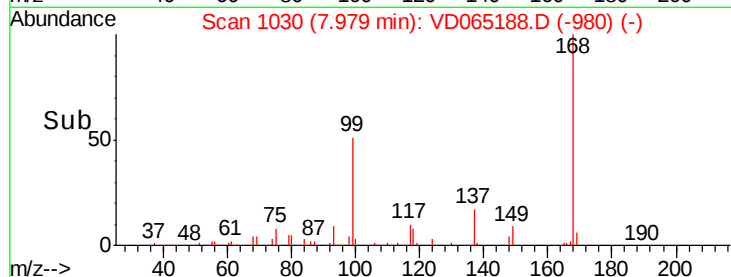
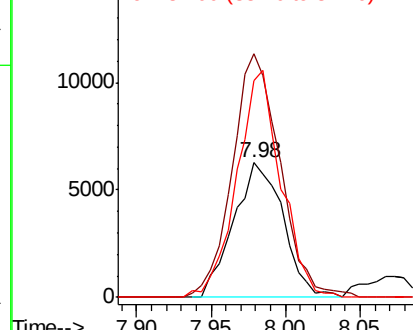
56 100

69 178.2 26.6 40.0#

84 167.4 70.6 106.0#



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: 48.286 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065188.D

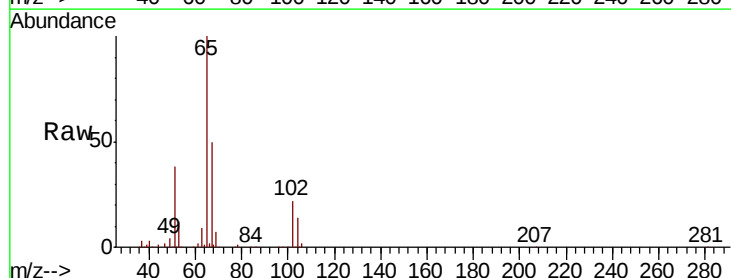
Acq: 14 Feb 2020 15:51

Tgt Ion: 65 Resp: 278475

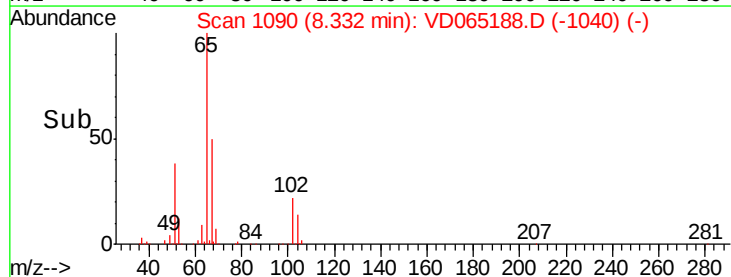
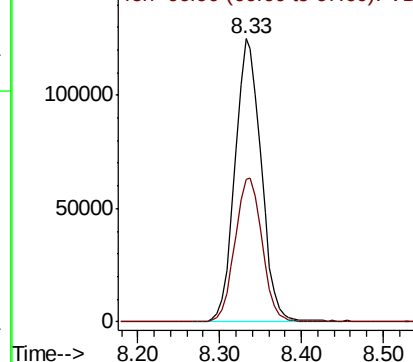
Ion Ratio Lower Upper

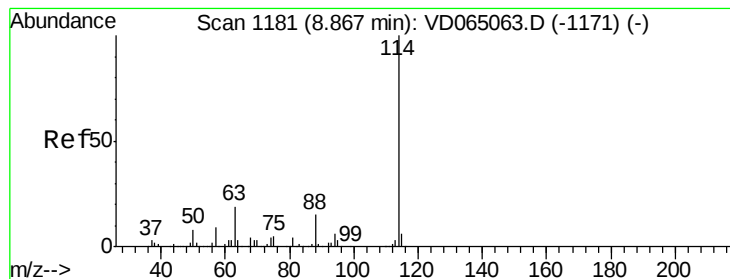
65 100

67 52.5 0.0 105.8



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: VD065188.D

Acq: 14 Feb 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

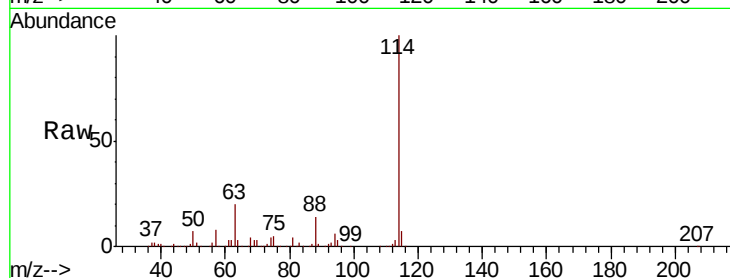
Tot Ion:114 Resp: 1103551

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

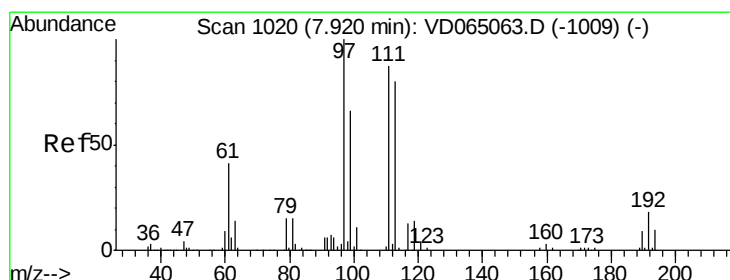
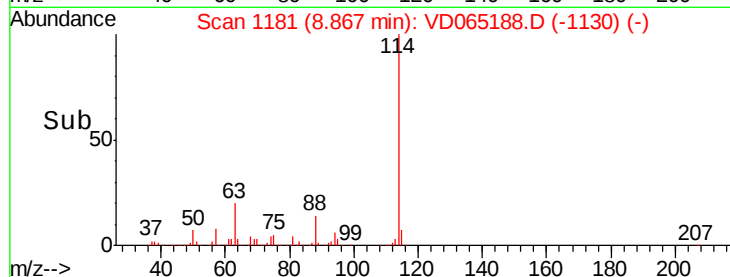
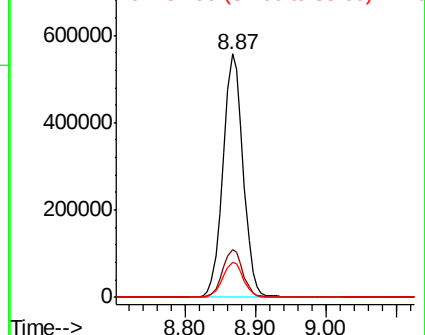
88 14.2 0.0 29.6



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: 53.013 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065188.D

Acq: 14 Feb 2020 15:51

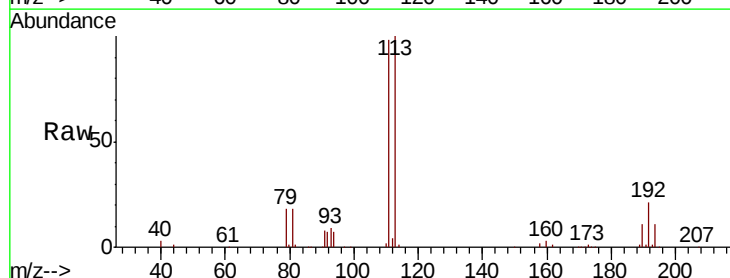
Tgt Ion:113 Resp: 326410

Ion Ratio Lower Upper

113 100

111 100.2 83.1 124.7

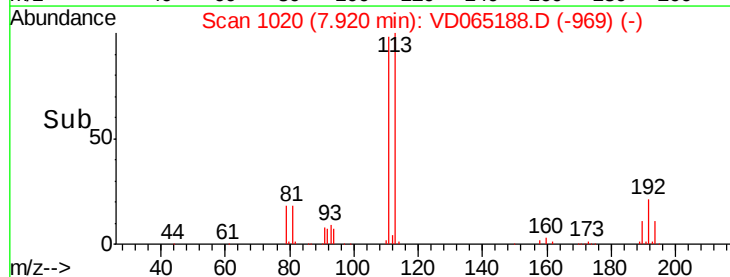
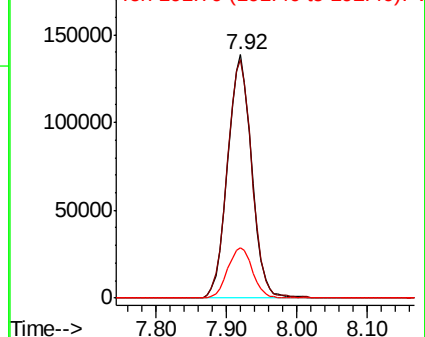
192 21.4 18.1 27.1

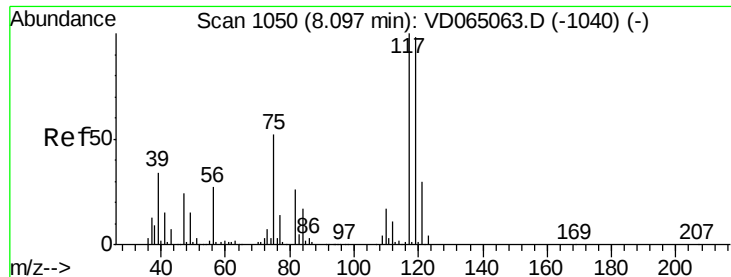


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 6.175 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD065188.D

Acq: 14 Feb 2020 15:51

Instrument :

MSVOA_D

ClientSampled :

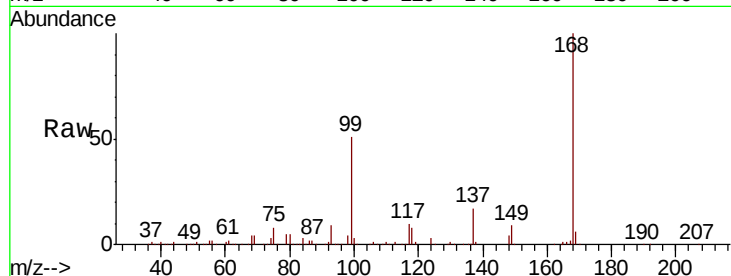
Tot Ion:117 Resp: 64712

Ion Ratio Lower Upper

117 100

119 6.2 78.5 117.7#

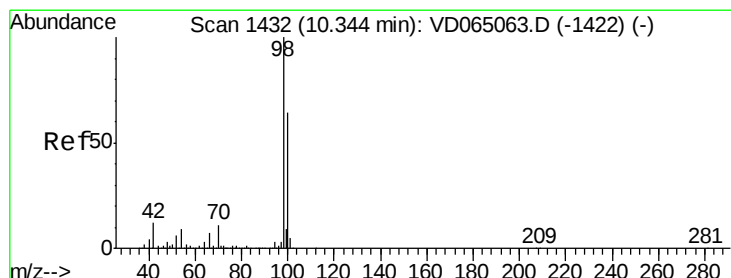
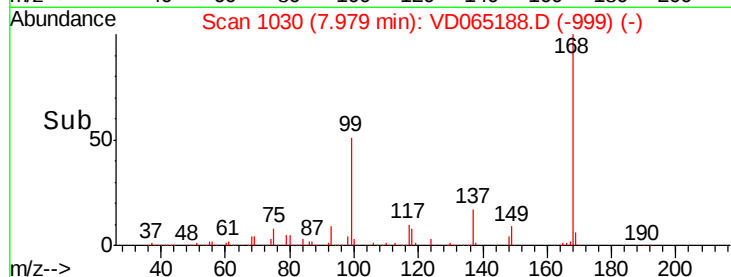
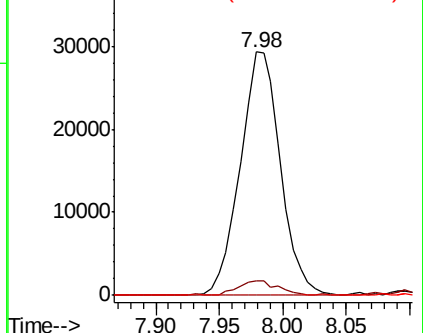
121 0.0 23.8 35.6#



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: 54.506 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065188.D

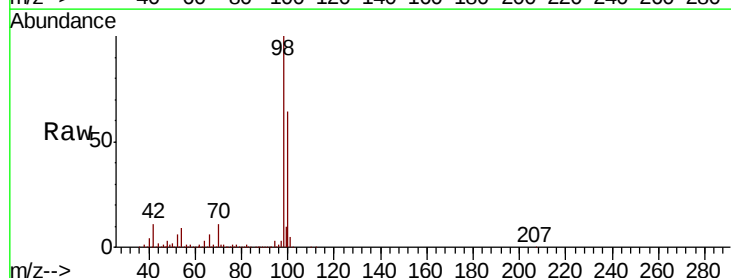
Acq: 14 Feb 2020 15:51

Tgt Ion: 98 Resp: 1335799

Ion Ratio Lower Upper

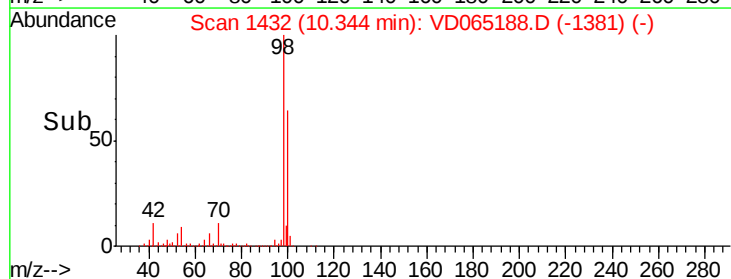
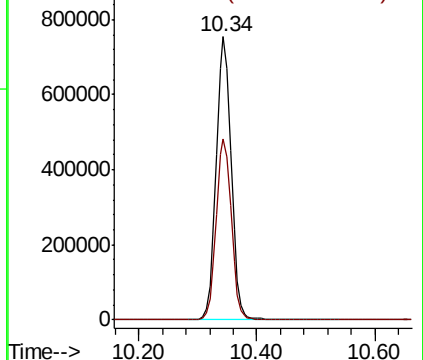
98 100

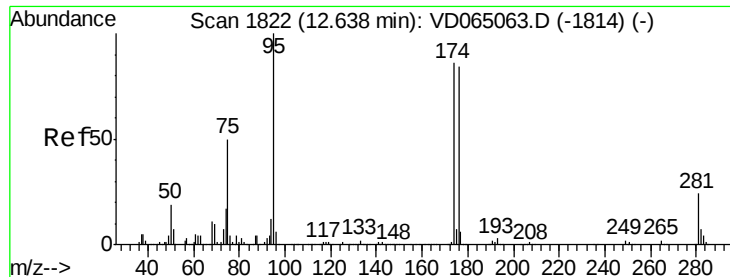
100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 61.041 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065188.D

Acq: 14 Feb 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

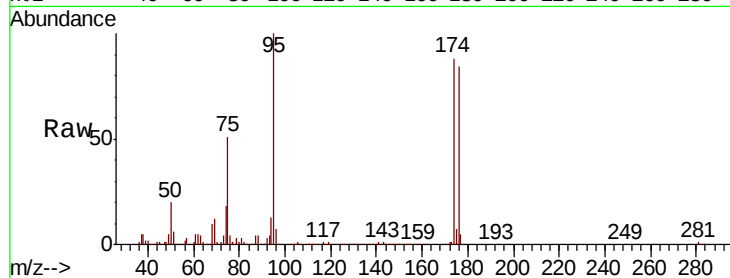
Tot Ion: 95 Resp: 474010

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

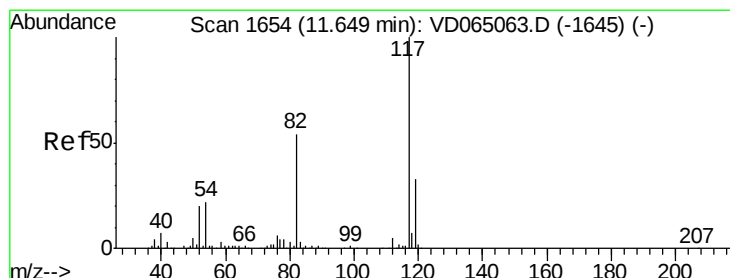
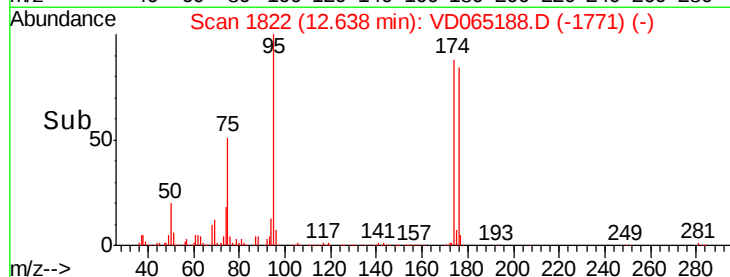
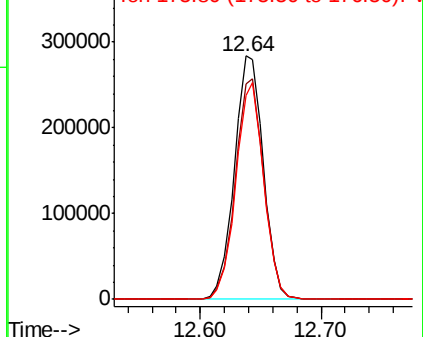
176 85.9 0.0 173.2



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: VD065188.D

Acq: 14 Feb 2020 15:51

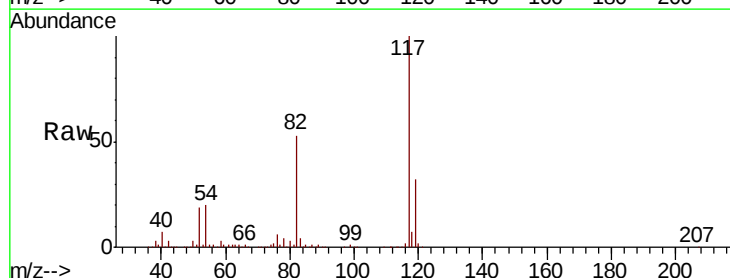
Tgt Ion: 117 Resp: 1105186

Ion Ratio Lower Upper

117 100

82 53.0 43.1 64.7

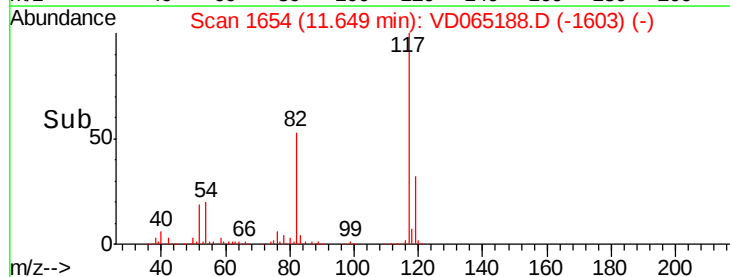
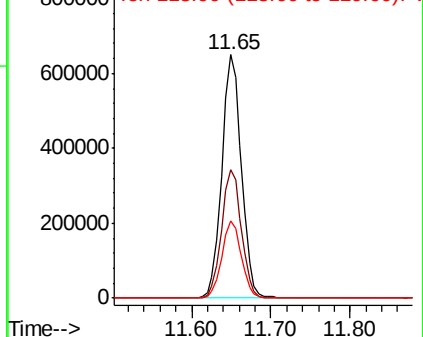
119 31.5 26.0 39.0

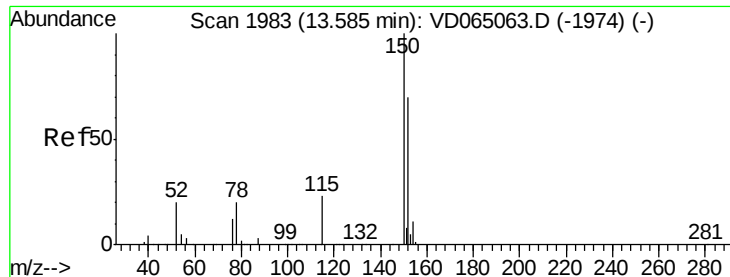


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



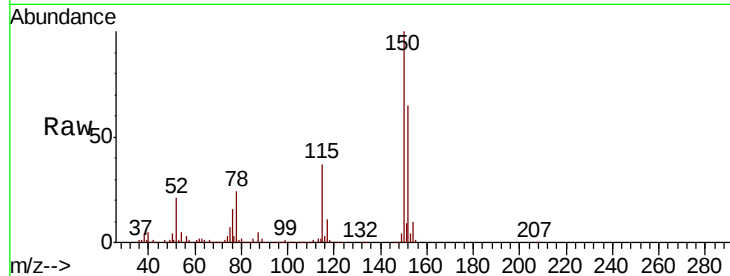


#72

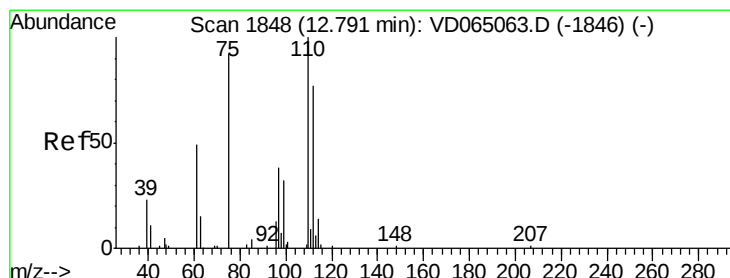
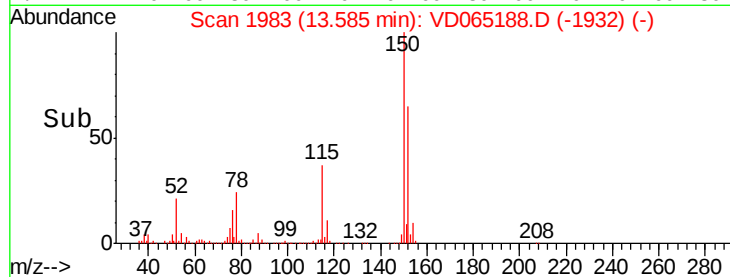
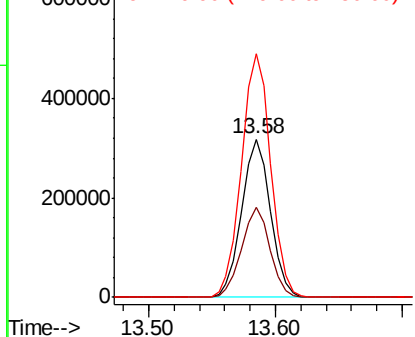
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065188.D
Acq: 14 Feb 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.5	82.4
150	156.3	0.0	343.2



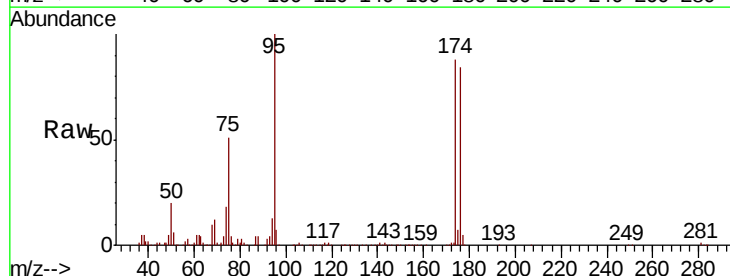
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



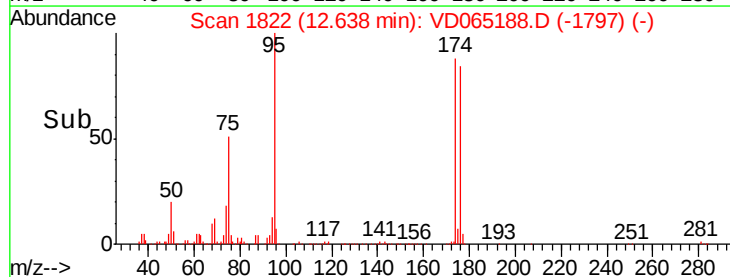
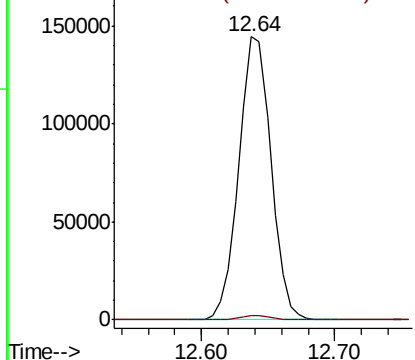
#76

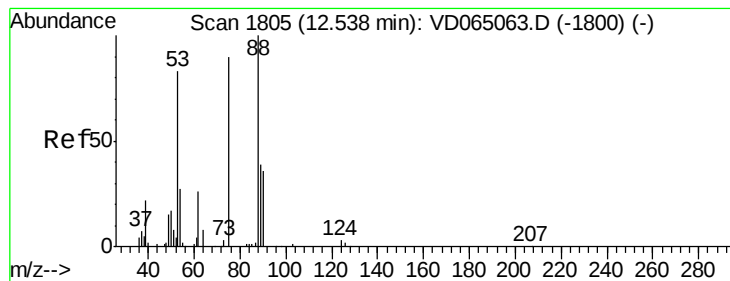
1,2,3-Trichloropropane
Concen: 63.586 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065188.D
Acq: 14 Feb 2020 15:51

Tgt 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: 127.167 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065188.D

Acq: 14 Feb 2020 15:51

Instrument :

MSVOA_D

ClientSampleId :

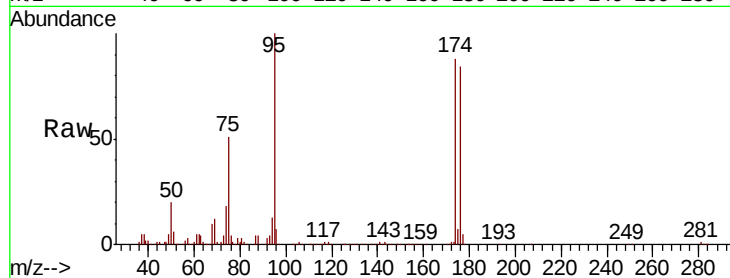
Tot Ion: 75 Resp: 241016

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 37.0 55.4#



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

