

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065224.D
 Acq On : 18 Feb 2020 17:45
 Operator : VA/SY
 Sample : L1484-03
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Feb 19 03:32:22 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

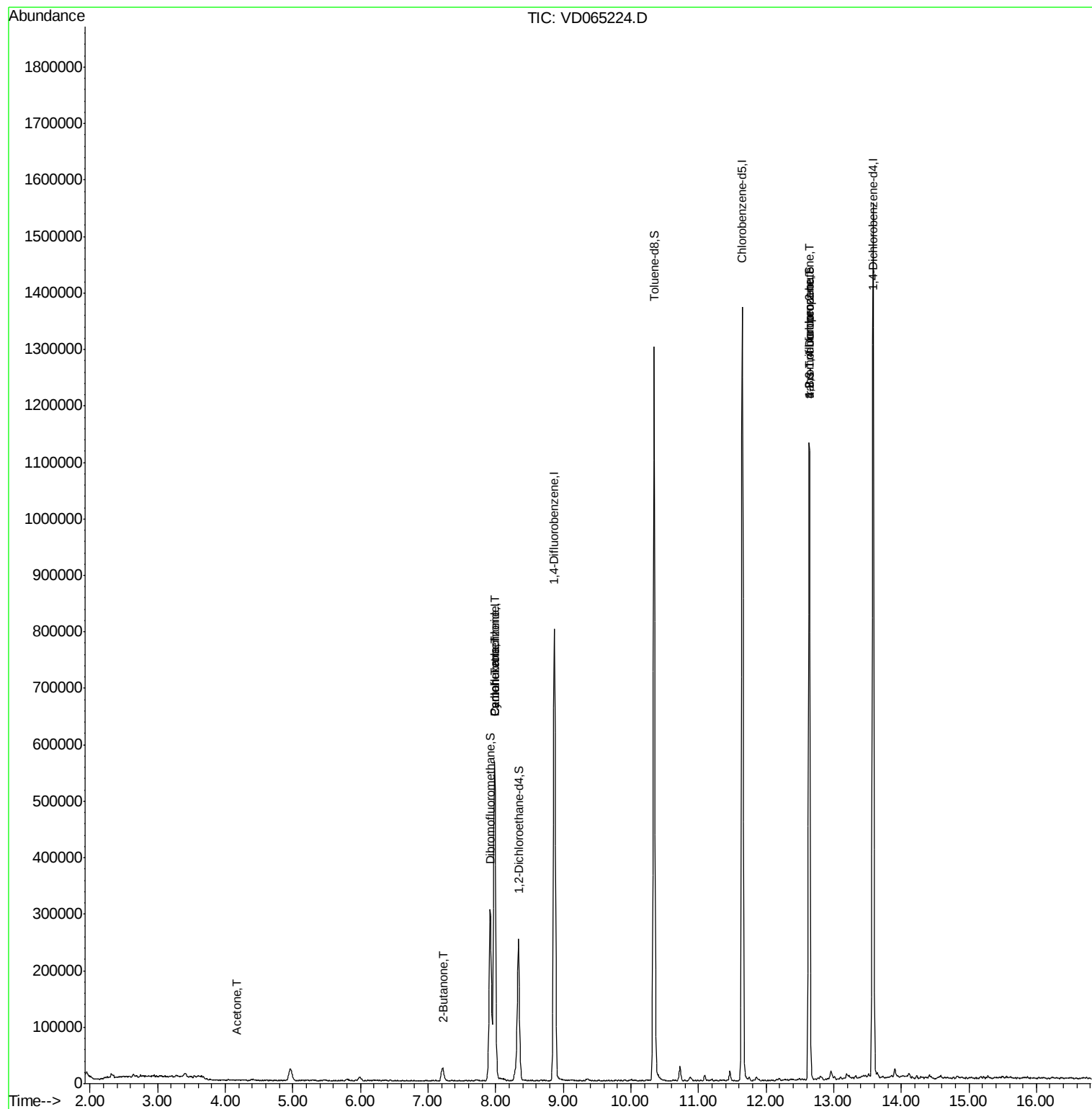
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	443959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	700518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	788040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	415272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	194308	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	7.92	113	220276	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	10.34	98	870080	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.64	95	356656	68.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.90%	
Target Compounds						
					Qvalue	
13) Acrolein	3.94	56	58	Below Cal	#	14
16) Acetone	4.17	43	1311	1.343	ug/l #	82
20) Methylene Chloride	4.97	84	16859	Below Cal		89
25) 2-Butanone	7.23	43	1778	1.439	ug/l #	49
31) Cyclohexane	7.98	56	9872	1.257	ug/l #	12
38) Carbon Tetrachloride	7.98	117	41217	5.940	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	179611	50.834	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	179611	109.760	ug/l #	11

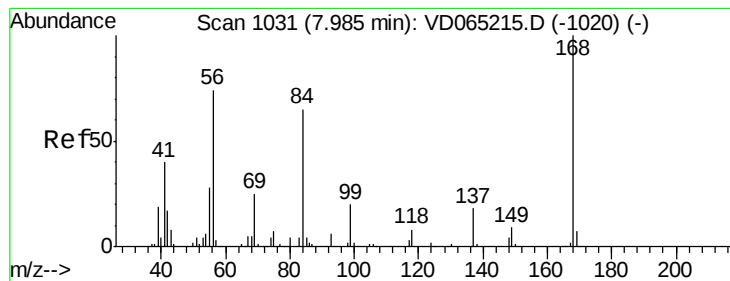
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
Quant Title : SW846 8260
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: VD065224.D

Acq: 18 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

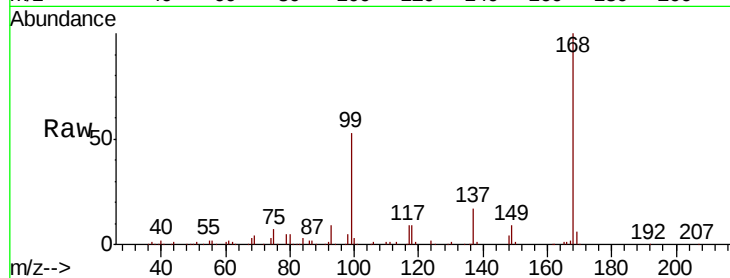
SP-3

Tot Ion:168 Resp: 443959

Ion Ratio Lower Upper

168 100

99 53.0 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

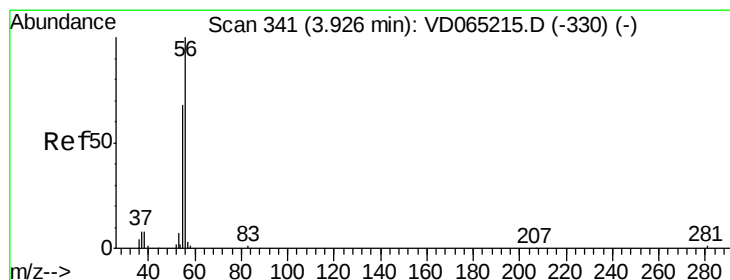
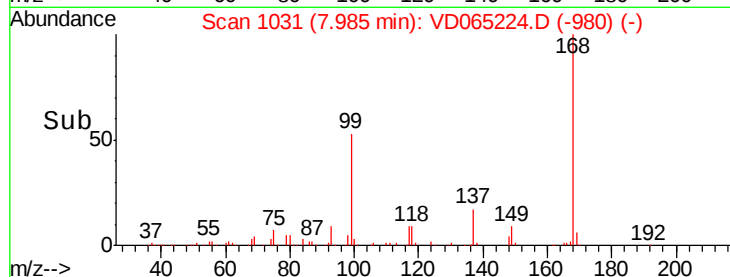
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.94 min Scan# 344

Delta R.T. 0.02 min

Lab File: VD065224.D

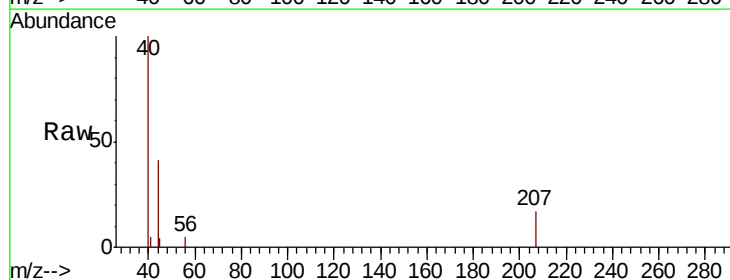
Acq: 18 Feb 2020 17:45

Tgt Ion: 56 Resp: 58

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

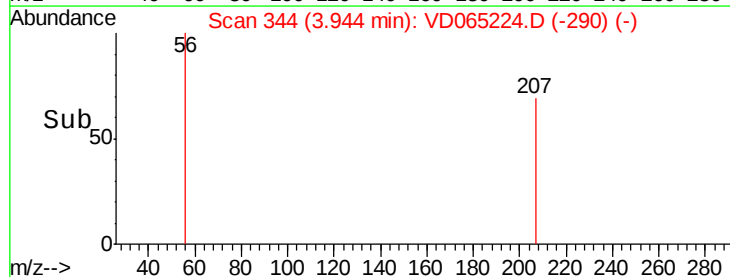
150

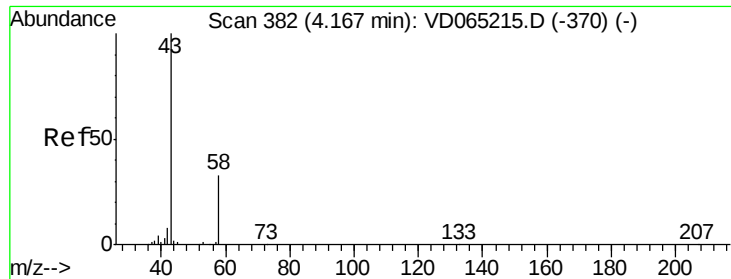
100

50

0

Time-->





#16

Acetone

Concen: 1.343 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065224.D

Acq: 18 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampled :

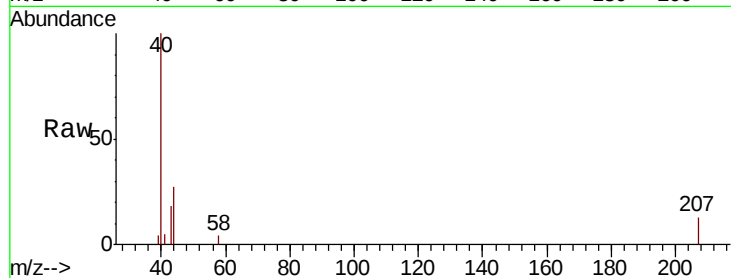
SP-3

Tot Ion: 43 Resp: 1311

Ion Ratio Lower Upper

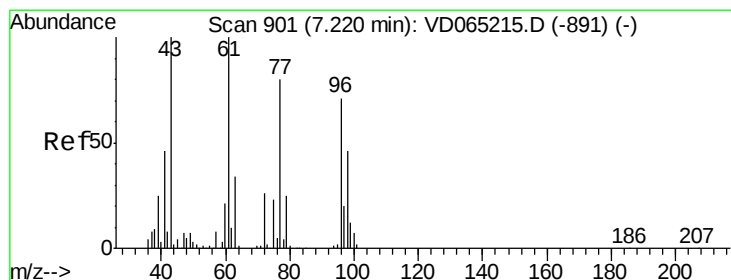
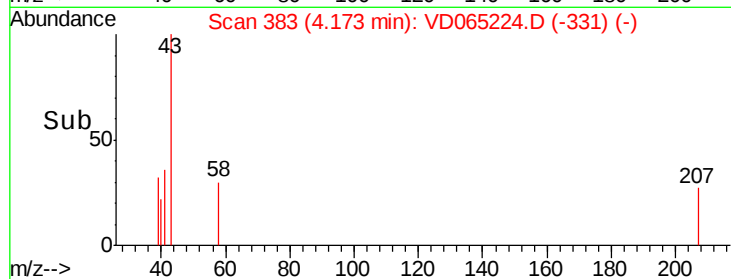
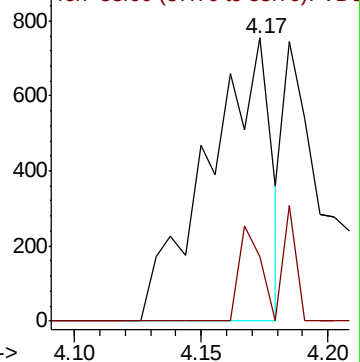
43 100

58 22.7 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 1.439 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065224.D

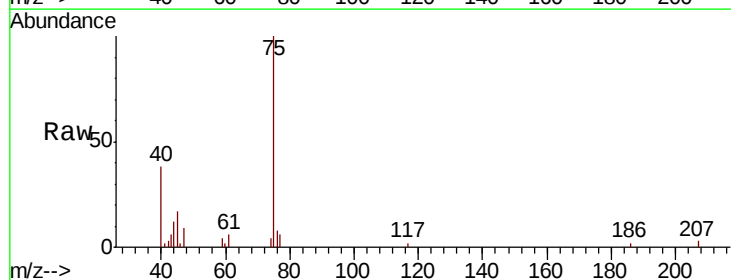
Acq: 18 Feb 2020 17:45

Tgt Ion: 43 Resp: 1778

Ion Ratio Lower Upper

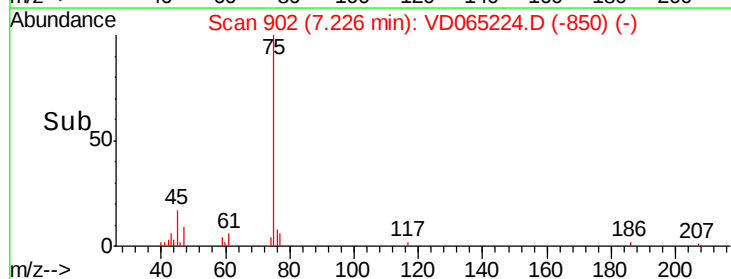
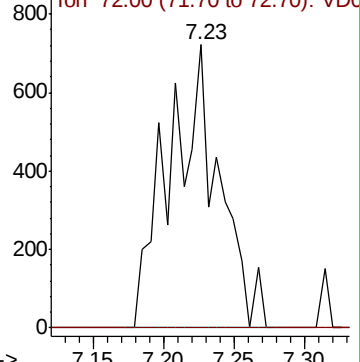
43 100

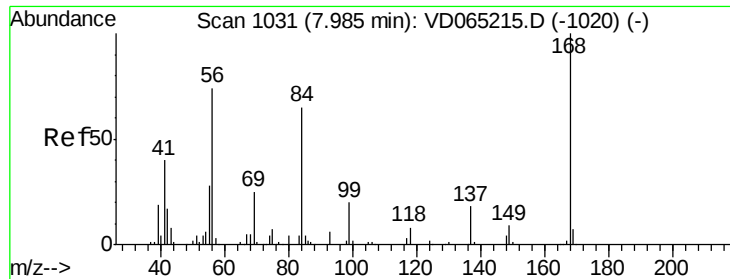
72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

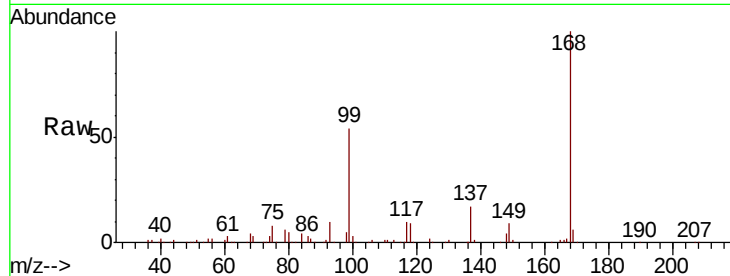




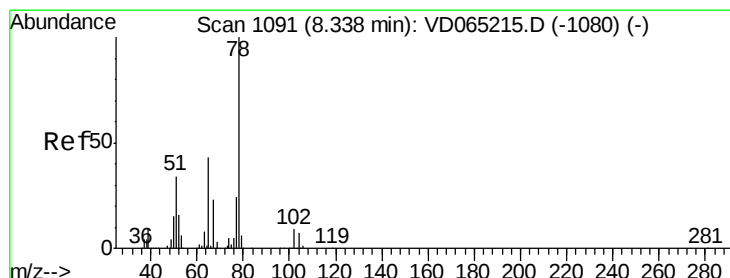
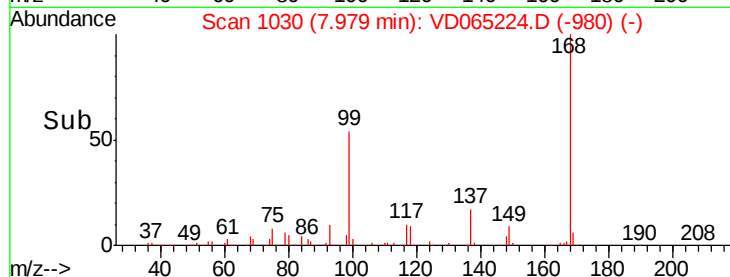
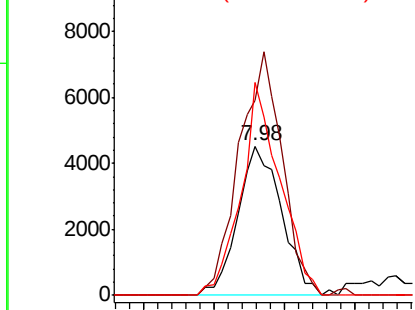
#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065224.D
Acq: 18 Feb 2020 17:45

Instrument :
MSVOA_D
ClientSampleID :
SP-3

Tot Ion: 56 Resp: 9872
Ion Ratio Lower Upper
56 100
69 130.6 27.4 41.0#
84 143.0 71.1 106.7#

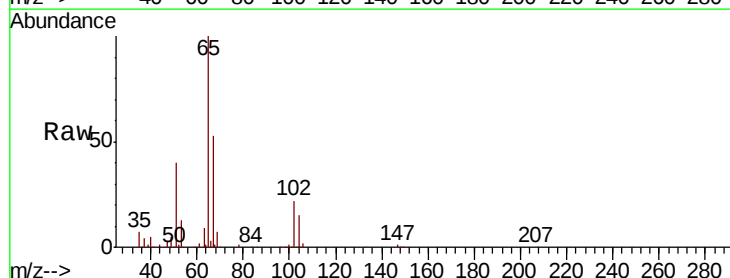


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

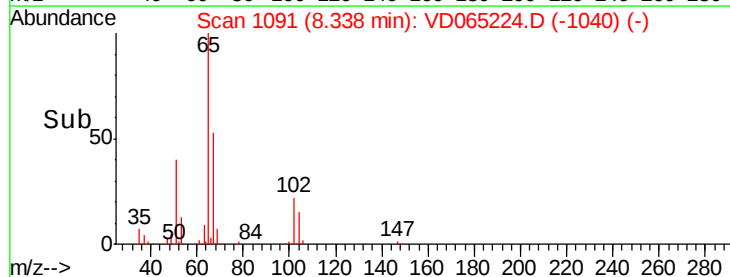
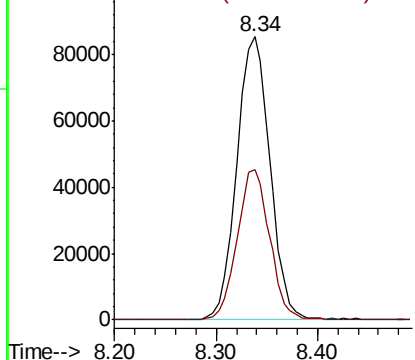


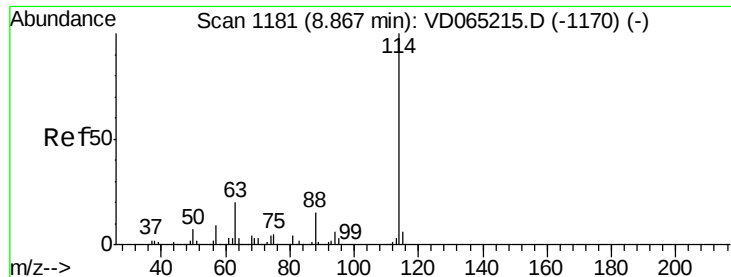
#33
1,2-Dichloroethane-d4
Concen: 48.651 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065224.D
Acq: 18 Feb 2020 17:45

Tgt Ion: 65 Resp: 194308
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

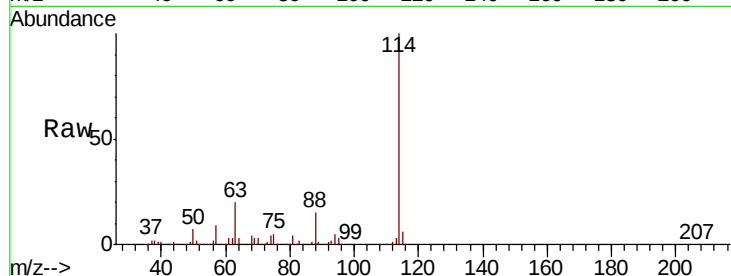




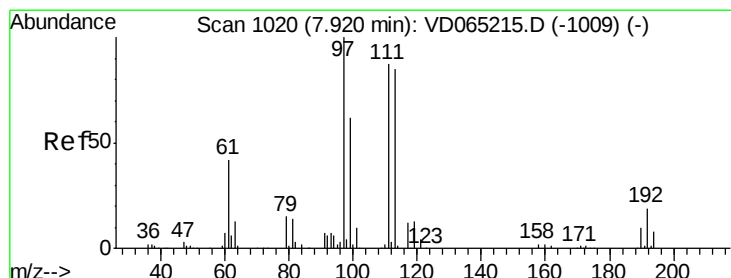
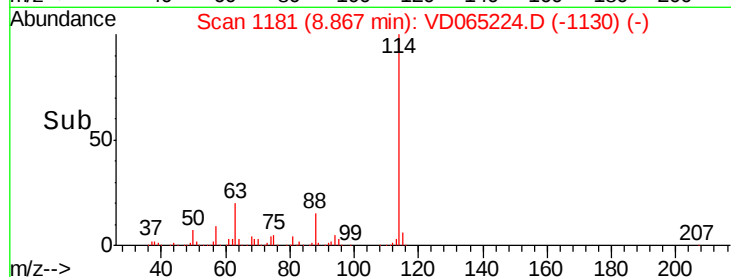
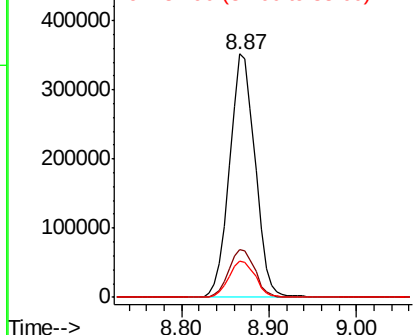
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065224.D
 Acq: 18 Feb 2020 17:45

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.4
88	15.1	0.0	30.4

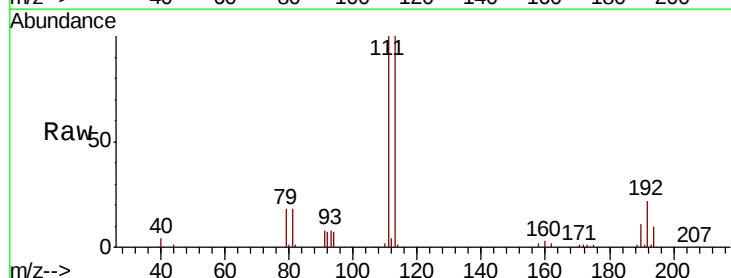


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

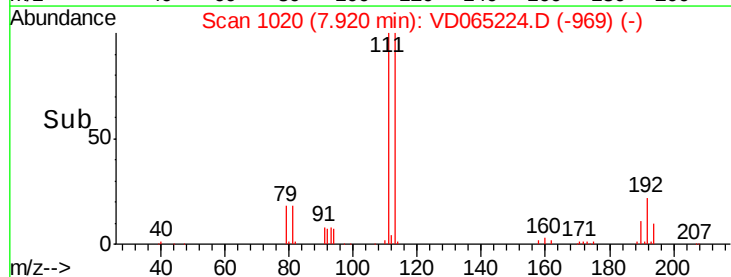
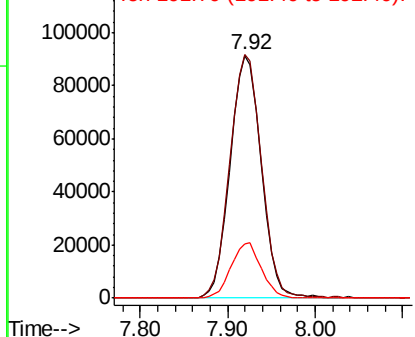


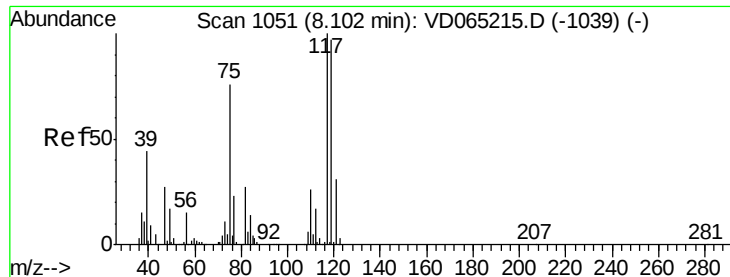
#35
 Dibromofluoromethane
 Concen: 51.571 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065224.D
 Acq: 18 Feb 2020 17:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	22.0	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





#38

Carbon Tetrachloride

Concen: 5.940 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD065224.D

Acq: 18 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

SP-3

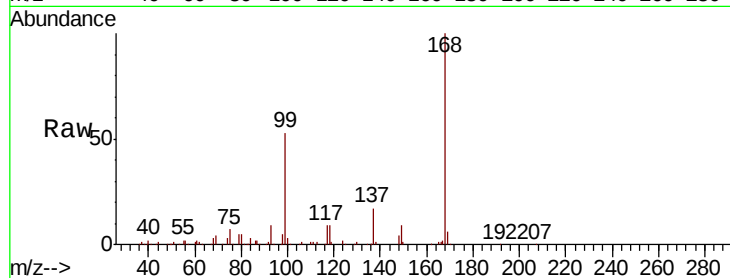
Tot Ion:117 Resp: 41217

Ion Ratio Lower Upper

117 100

119 6.0 77.6 116.4#

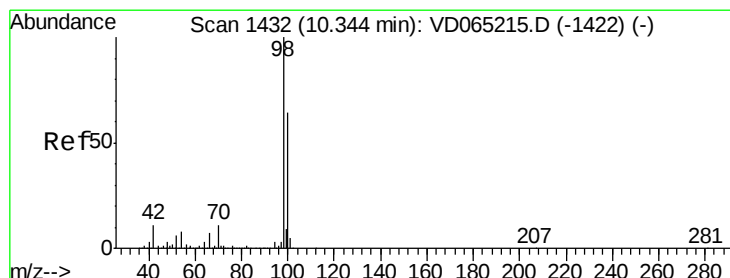
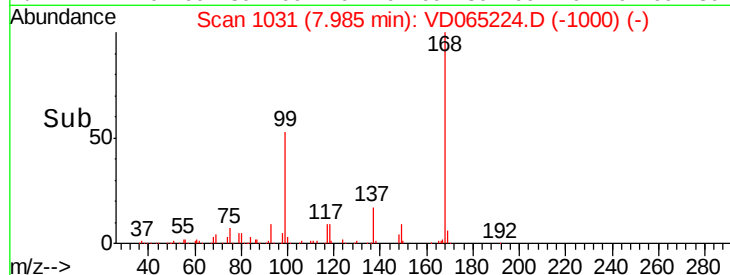
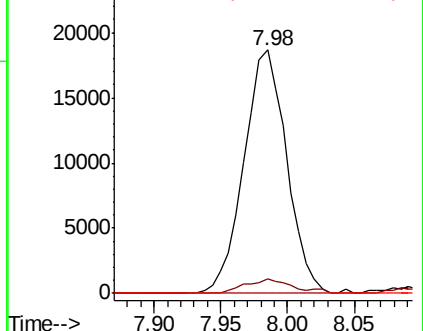
121 0.0 24.8 37.2#



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: 53.284 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065224.D

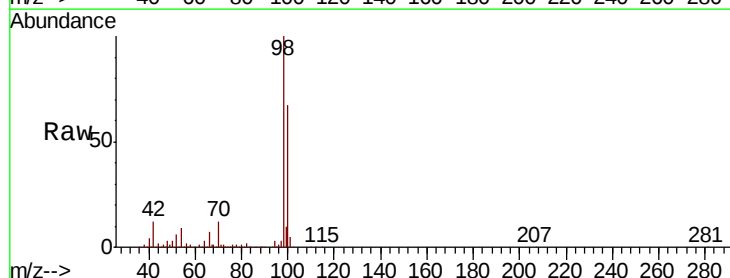
Acq: 18 Feb 2020 17:45

Tgt Ion: 98 Resp: 870080

Ion Ratio Lower Upper

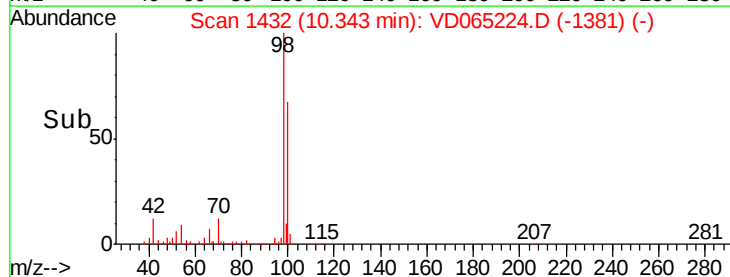
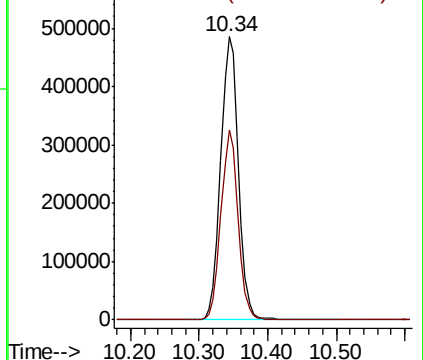
98 100

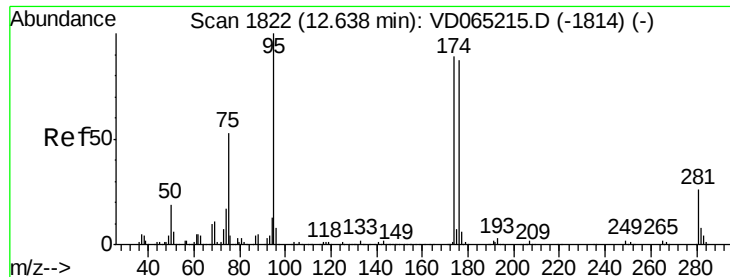
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 68.947 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065224.D

Acq: 18 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

SP-3

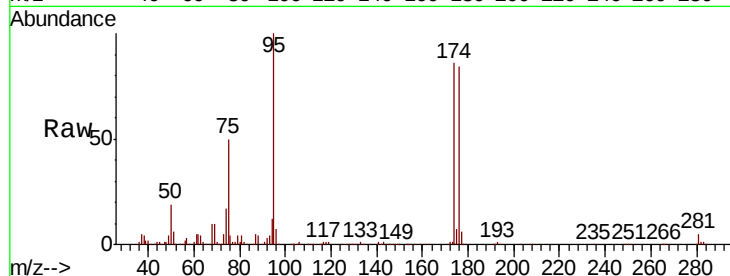
Tot Ion: 95 Resp: 356656

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.0

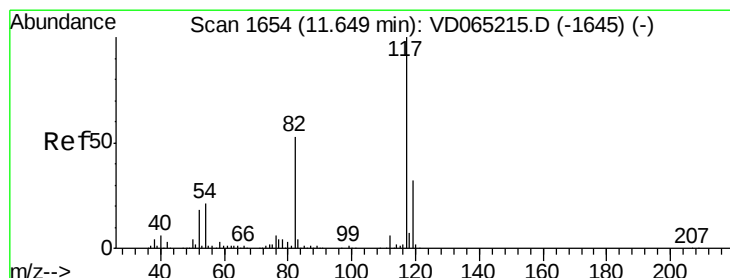
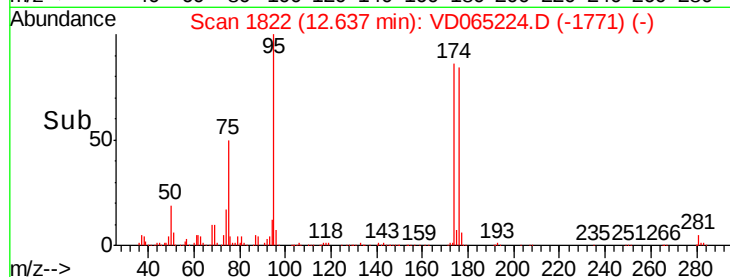
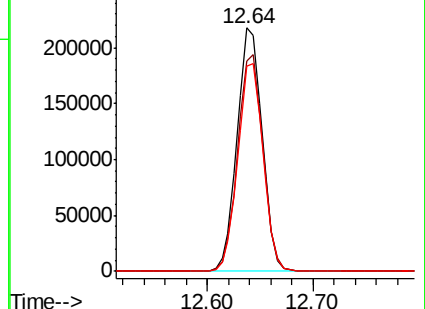
176 86.2 0.0 174.4



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: VD065224.D

Acq: 18 Feb 2020 17:45

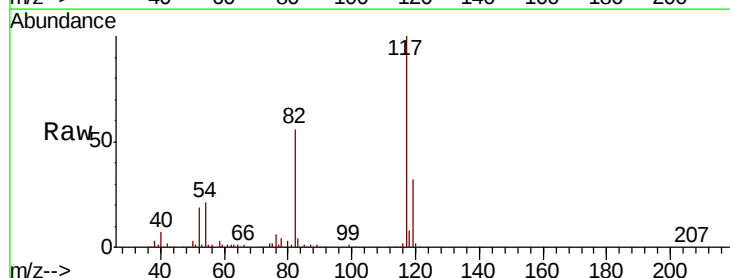
Tgt Ion: 117 Resp: 788040

Ion Ratio Lower Upper

117 100

82 55.8 42.7 64.1

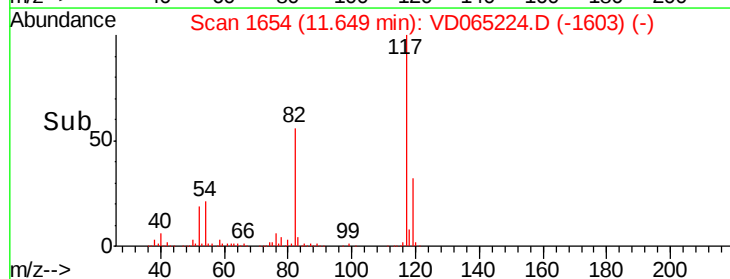
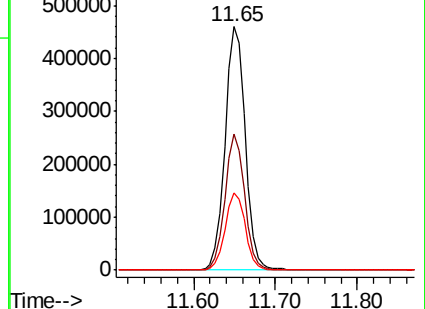
119 31.8 25.5 38.3

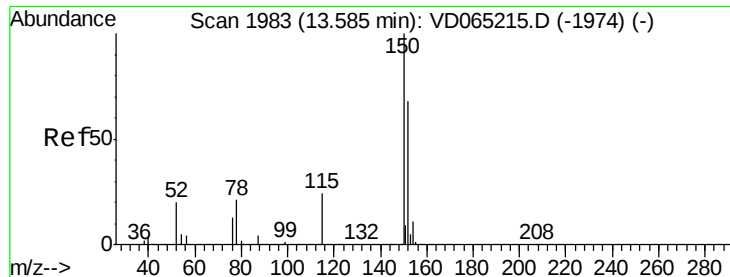


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



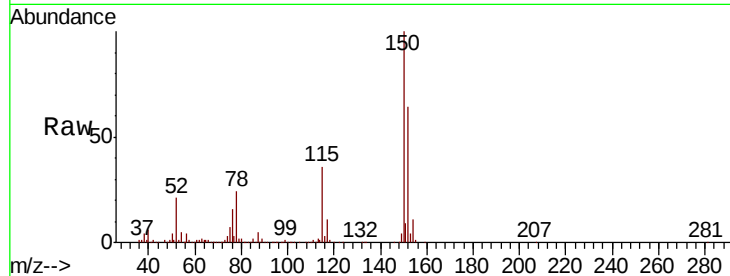


#72

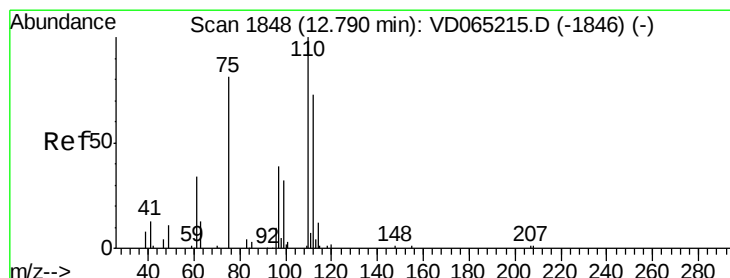
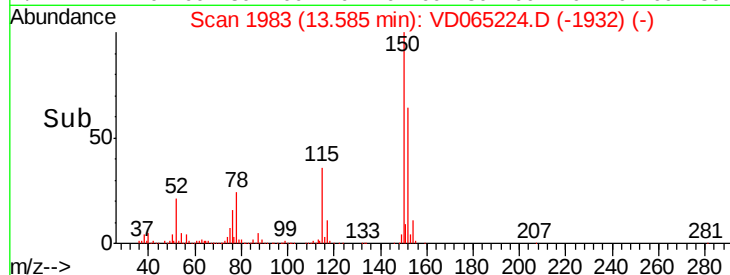
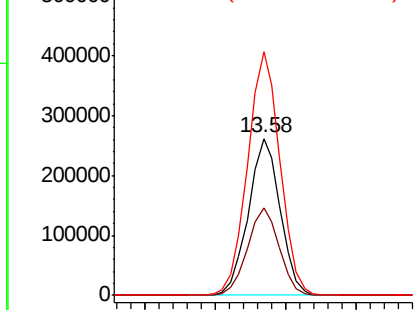
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065224.D
Acq: 18 Feb 2020 17:45

Instrument :
MSVOA_D
ClientSampleId :
SP-3

Tot Ion:152 Resp: 415272
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.8
150 157.4 0.0 347.4



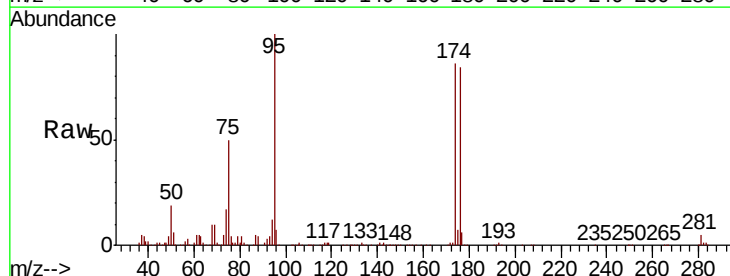
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



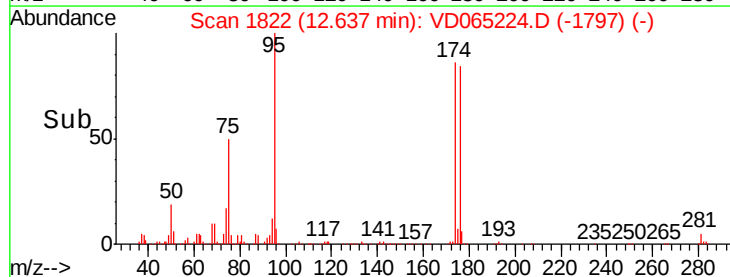
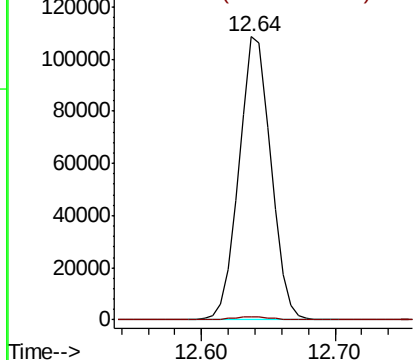
#76

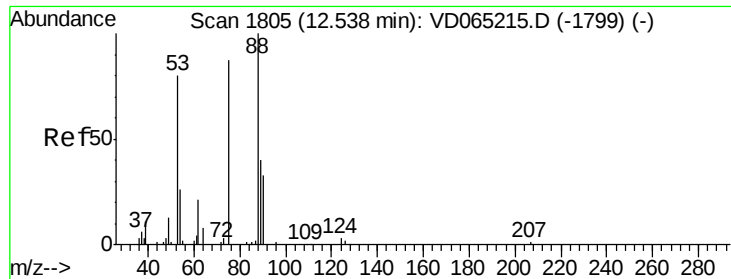
1,2,3-Trichloropropane
Concen: 50.834 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065224.D
Acq: 18 Feb 2020 17:45

Tgt Ion: 75 Resp: 179611
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: 109.760 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065224.D

Acq: 18 Feb 2020 17:45

Instrument :

MSVOA_D

ClientSampleId :

SP-3

Tot Ion: 75 Resp: 179611

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.1 37.2 55.8#

