

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065329.D
 Acq On : 26 Feb 2020 15:47
 Operator : VA/SY
 Sample : L1688-05
 Misc : 7.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 27 08:02:46 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

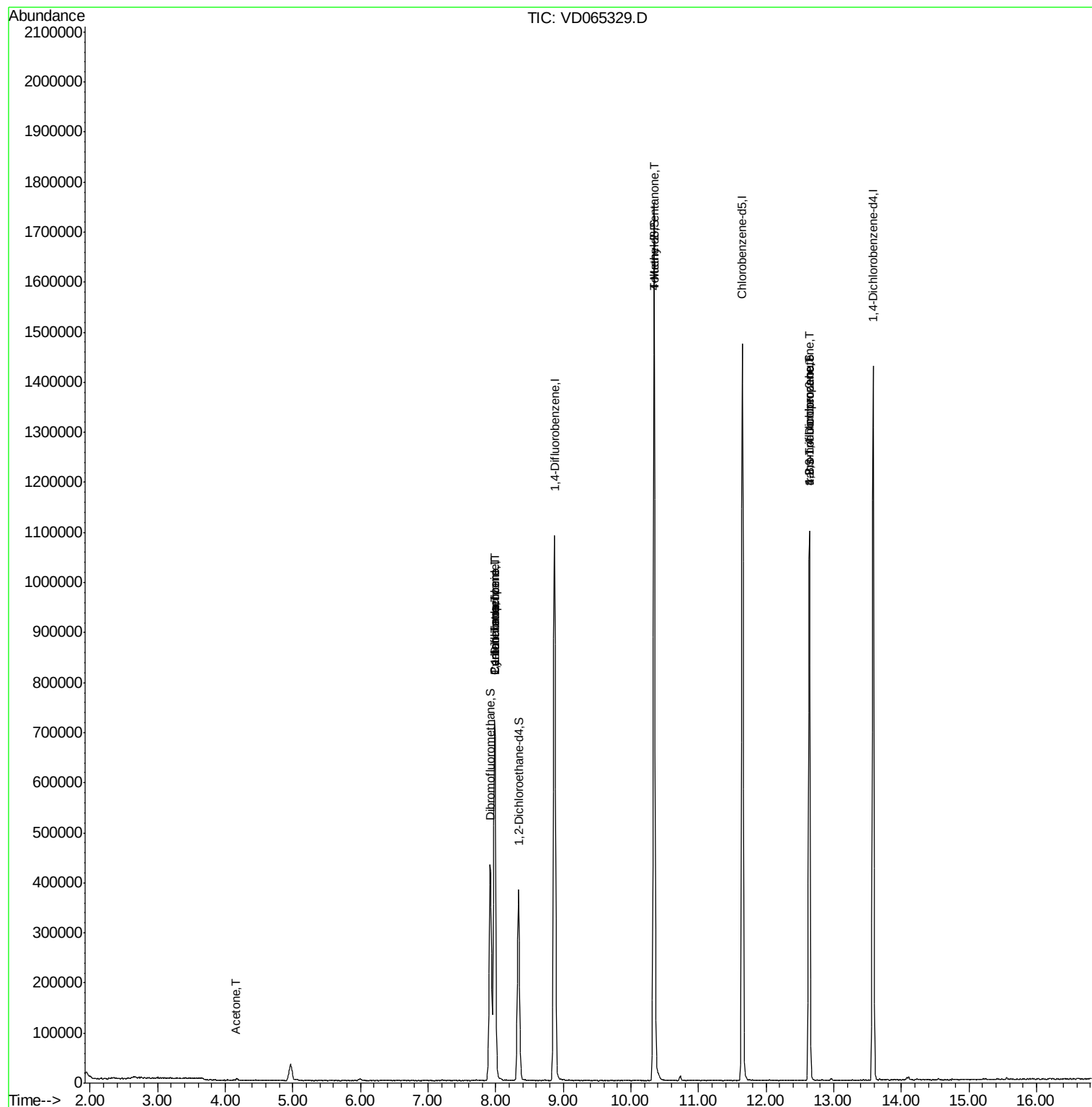
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	561845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	973527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	883912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	396432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	300207	59.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.78%	
35) Dibromofluoromethane	7.92	113	312619	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	10.34	98	1185970	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.64	95	348711	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
Target Compounds						
					Qvalue	
16) Acetone	4.16	43	3114	2.520	ug/l #	84
20) Methylene Chloride	4.97	84	24878	Below Cal		95
31) Cyclohexane	7.99	56	11056	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	39746	4.196	ug/l #	49
38) Carbon Tetrachloride	7.98	117	53066	5.503	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	4829	1.320	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	172497	51.141	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	172497	110.423	ug/l #	11

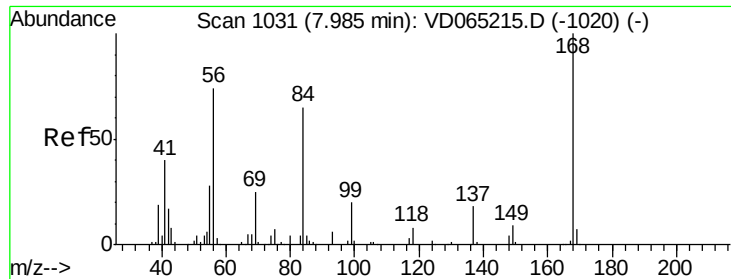
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065329.D

Acq: 26 Feb 2020 15:47

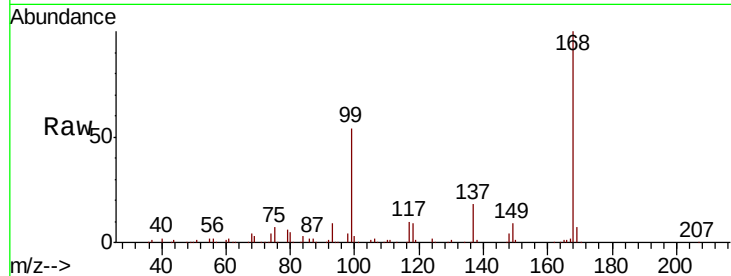
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 561845

Ion Ratio Lower Upper

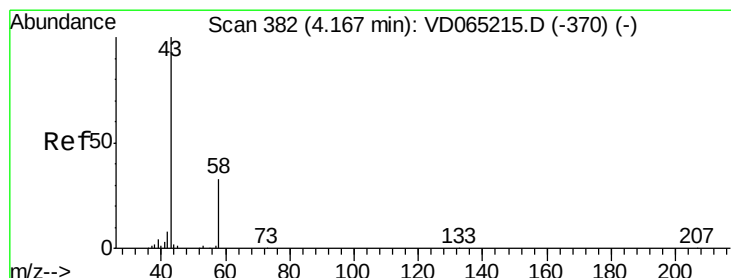
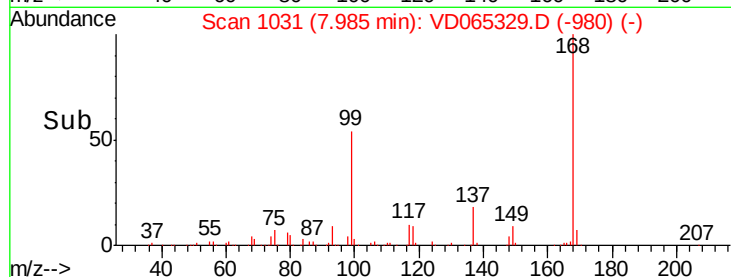
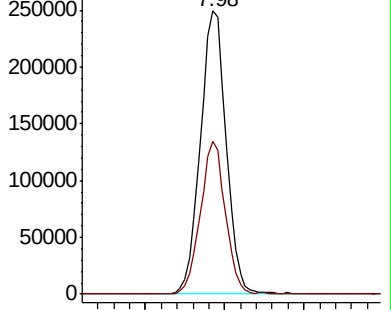
168 100

99 53.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 2.520 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065329.D

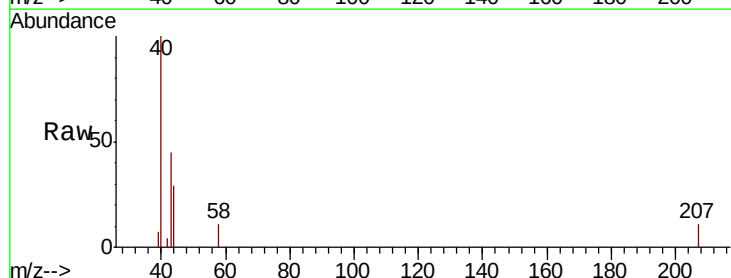
Acq: 26 Feb 2020 15:47

Tgt Ion: 43 Resp: 3114

Ion Ratio Lower Upper

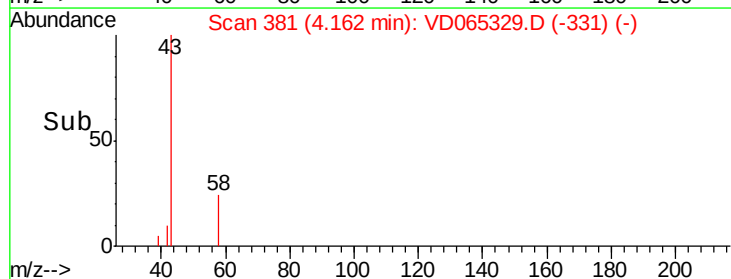
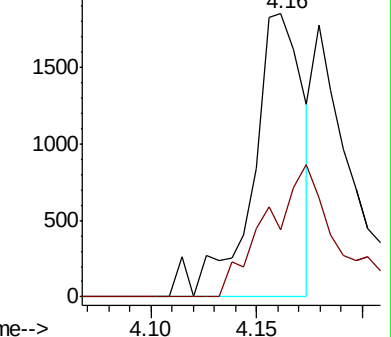
43 100

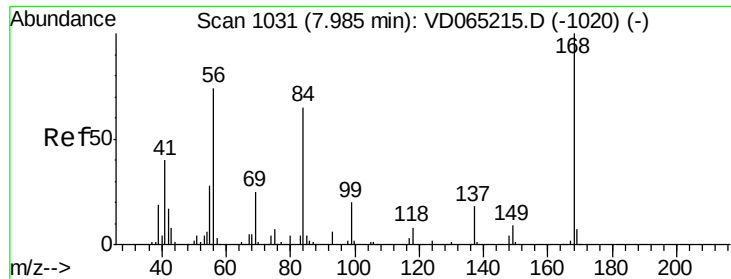
58 23.8 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

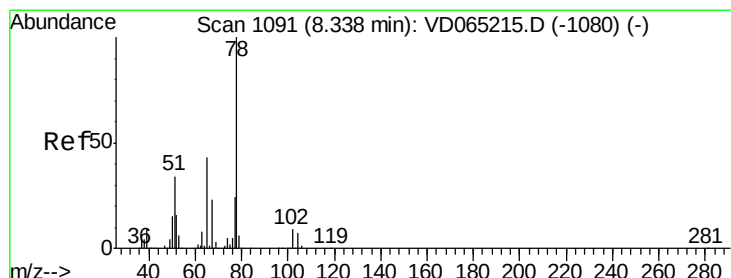
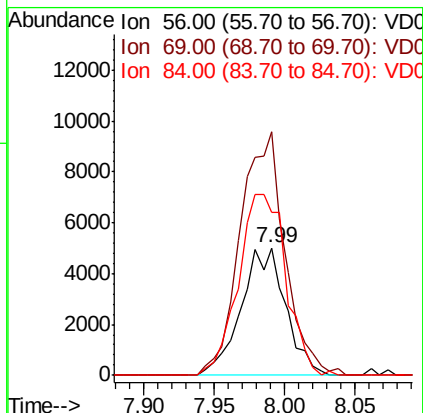
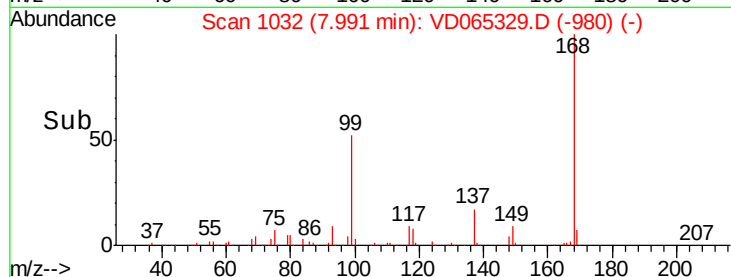
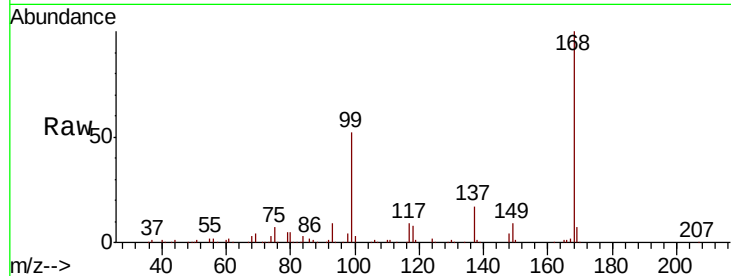




#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065329.D
Acq: 26 Feb 2020 15:47

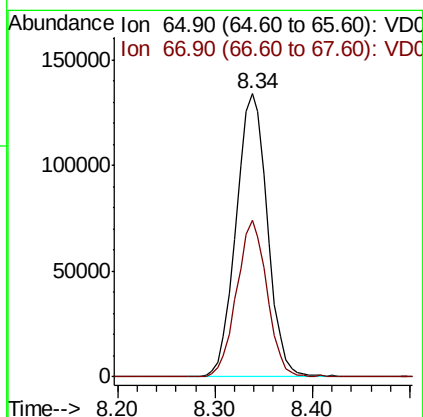
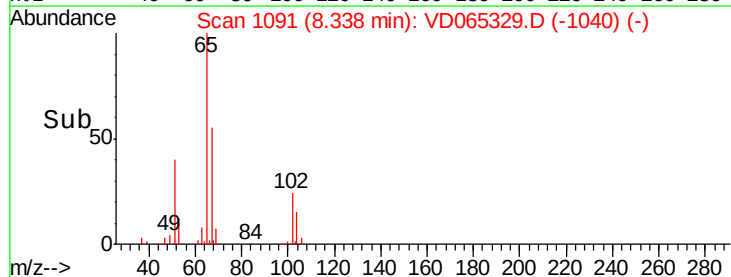
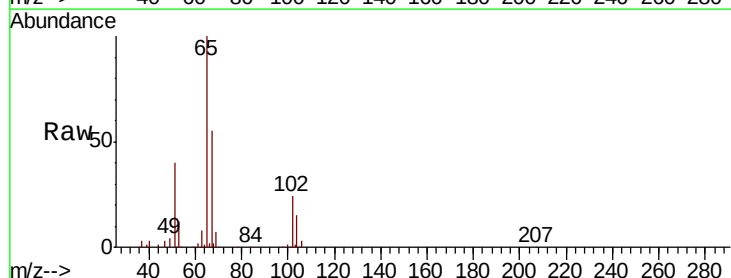
Instrument :
MSVOA_D
ClientSampleId :

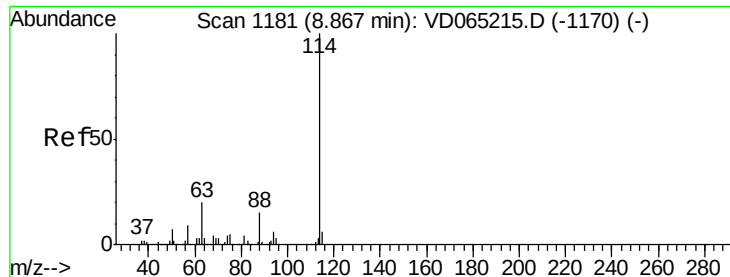
Tot Ion: 56 Resp: 11056
Ion Ratio Lower Upper
56 100
69 190.6 27.4 41.0#
84 128.0 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 59.395 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065329.D
Acq: 26 Feb 2020 15:47

Tgt Ion: 65 Resp: 300207
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.8

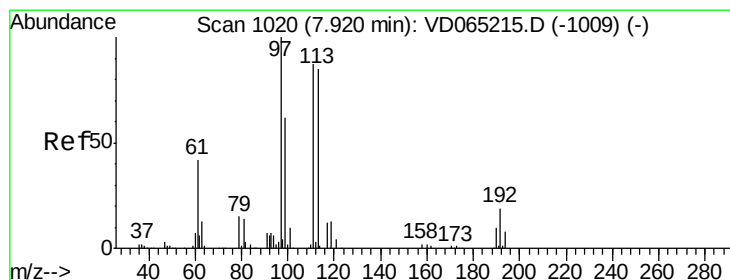
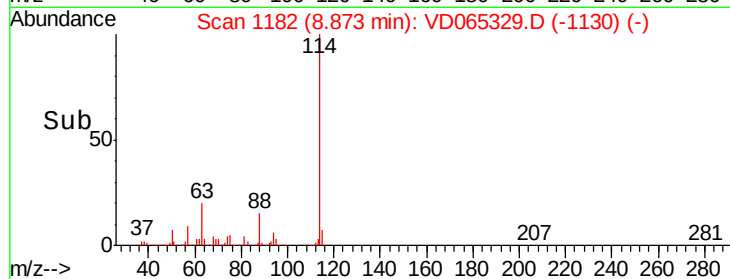
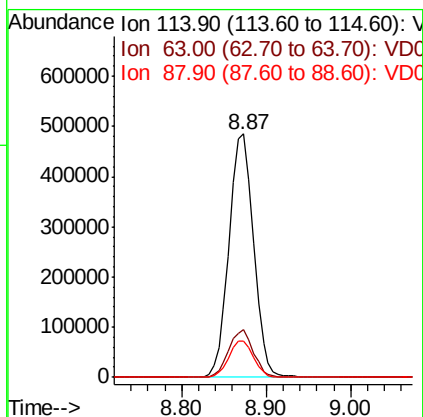
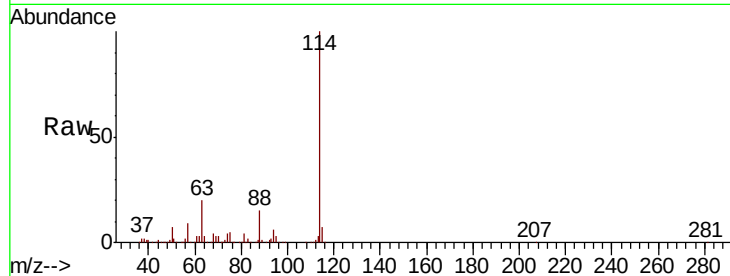




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065329.D
 Acq: 26 Feb 2020 15:47

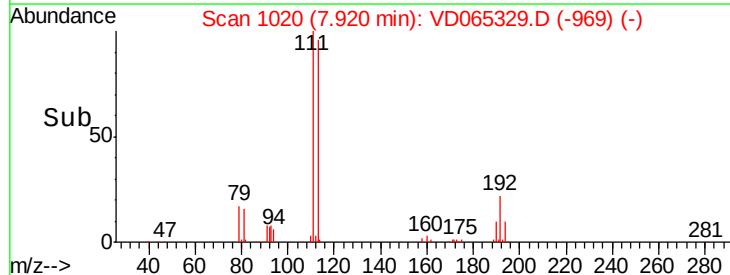
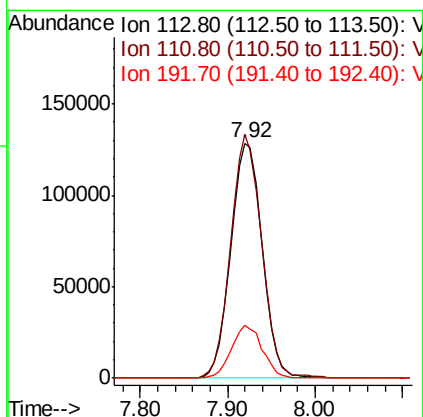
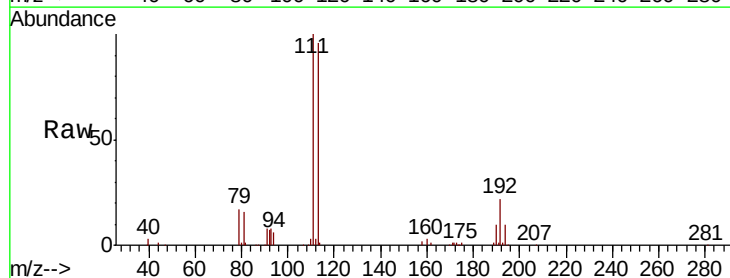
Instrument :
 MSVOA_D
 ClientSampleId :

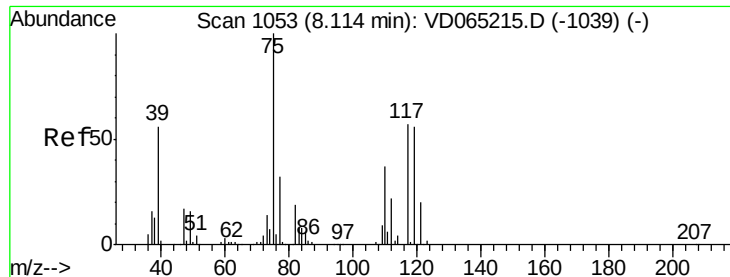
Tot Ion:114 Resp: 973527
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 14.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.665 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065329.D
 Acq: 26 Feb 2020 15:47

Tgt Ion:113 Resp: 312619
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 21.9 17.3 25.9

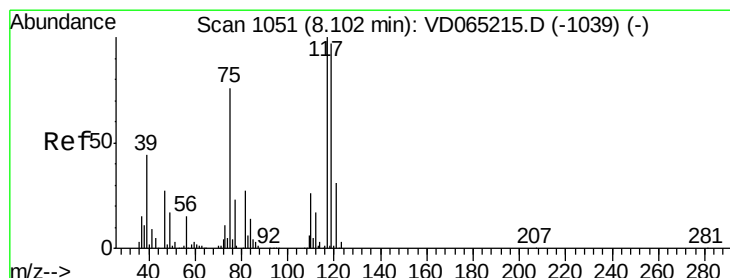
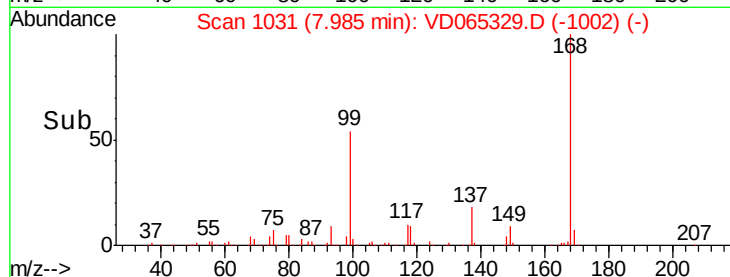
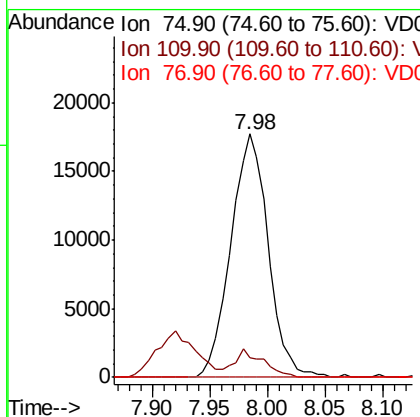
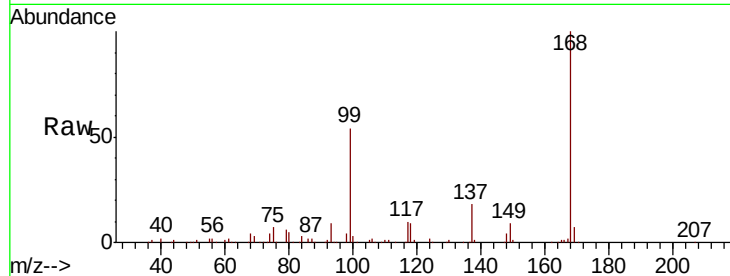




#36
 1,1-Dichloropropene
 Concen: 4.196 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065329.D
 Acq: 26 Feb 2020 15:47

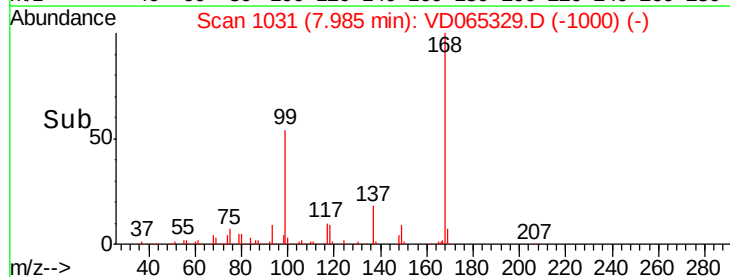
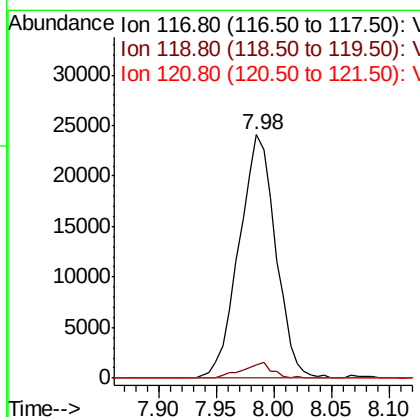
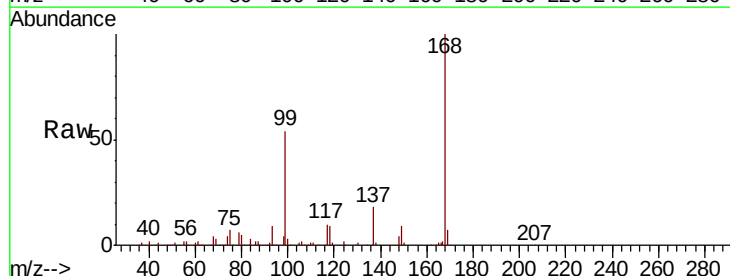
Instrument :
 MSVOA_D
 ClientSampleId :

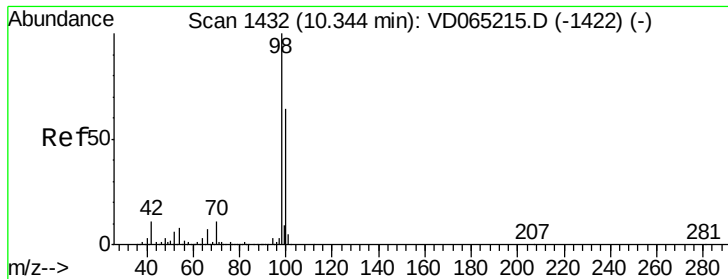
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.9	53.7#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.503 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VD065329.D
 Acq: 26 Feb 2020 15:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.6	116.4#
121	0.0	24.8	37.2#

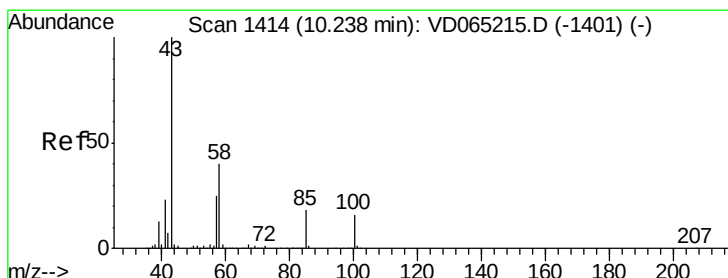
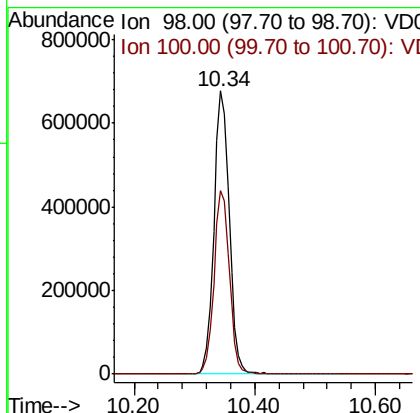
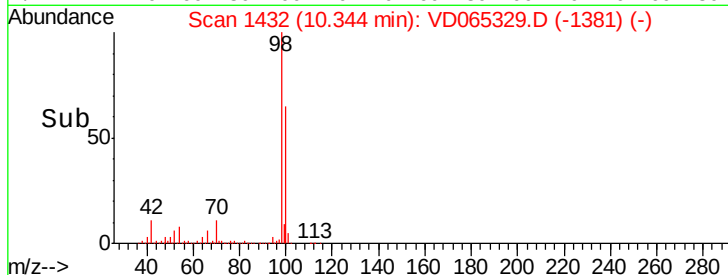
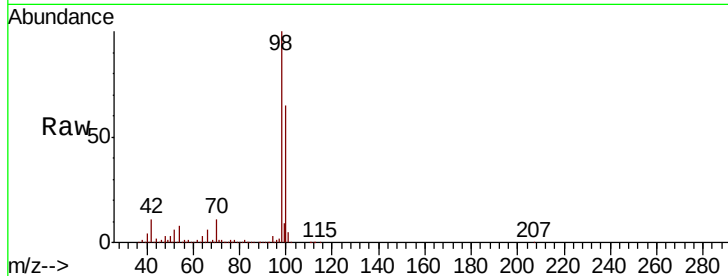




#50
Toluene-d8
Concen: 52.262 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065329.D
Acq: 26 Feb 2020 15:47

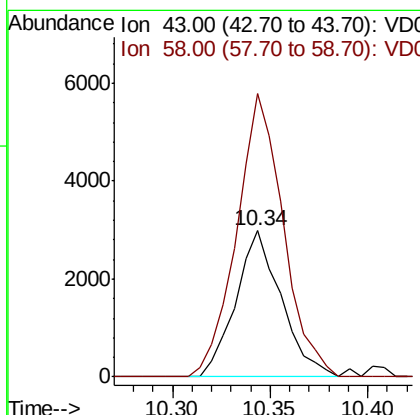
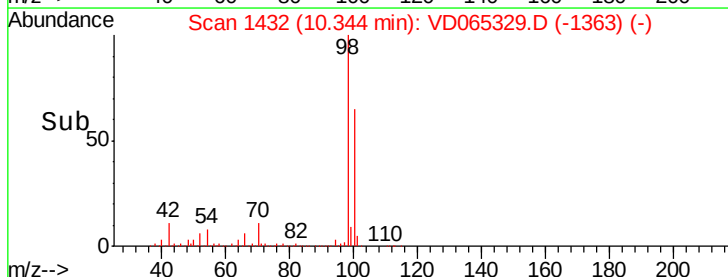
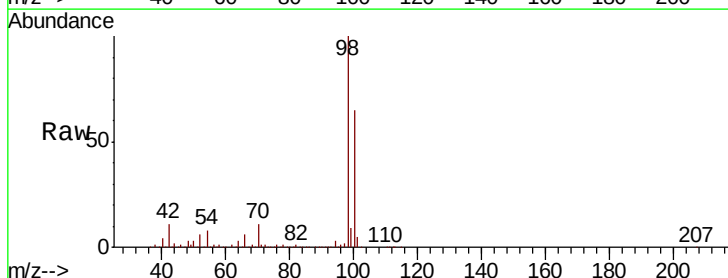
Instrument :
MSVOA_D
ClientSampleId :

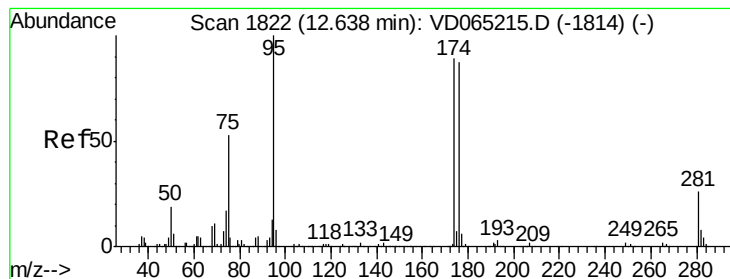
Tot Ion: 98 Resp: 1185970
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.320 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD065329.D
Acq: 26 Feb 2020 15:47

Tgt Ion: 43 Resp: 4829
Ion Ratio Lower Upper
43 100
58 197.5 31.1 46.7#





#62

4-Bromofluorobenzene

Concen: 48.507 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065329.D

Acq: 26 Feb 2020 15:47

Instrument :

MSVOA_D

ClientSampleId :

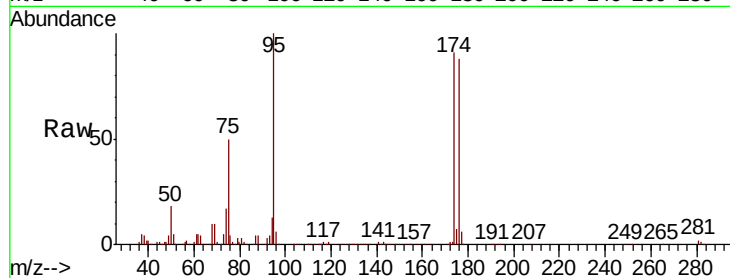
Tot Ion: 95 Resp: 348711

Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.0

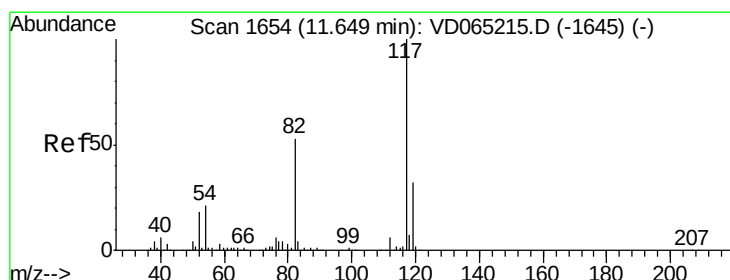
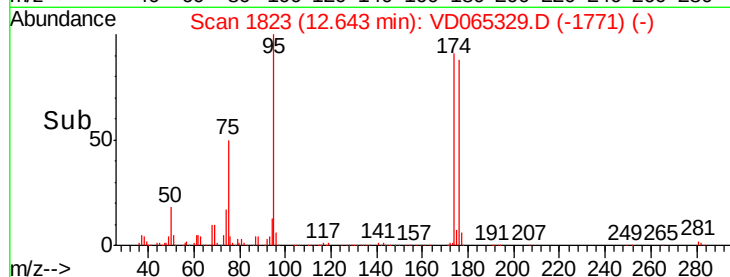
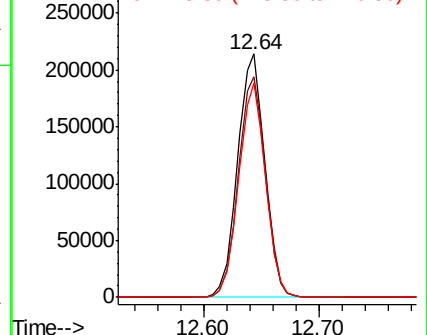
176 86.6 0.0 174.4



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: VD065329.D

Acq: 26 Feb 2020 15:47

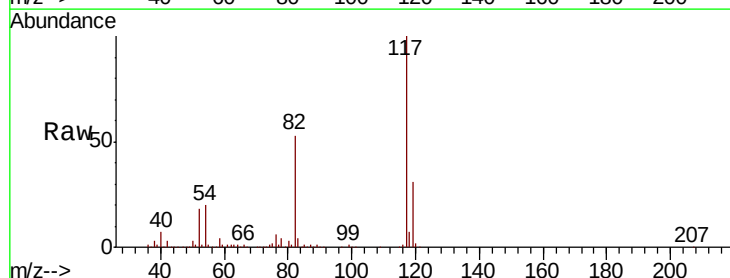
Tgt Ion: 117 Resp: 883912

Ion Ratio Lower Upper

117 100

82 52.9 42.7 64.1

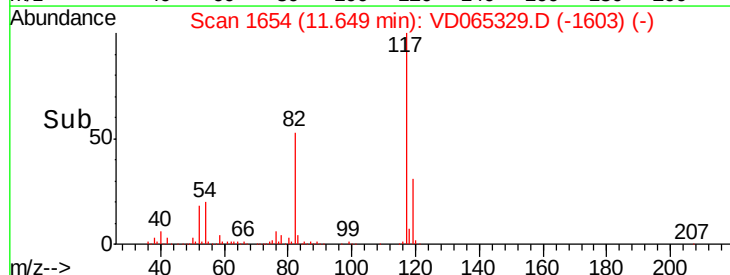
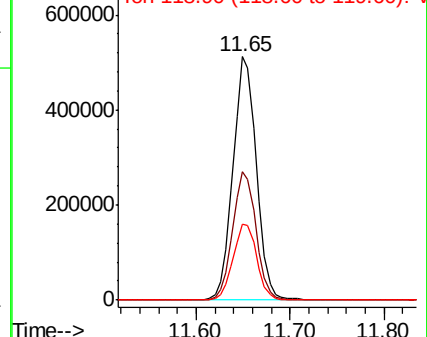
119 31.2 25.5 38.3

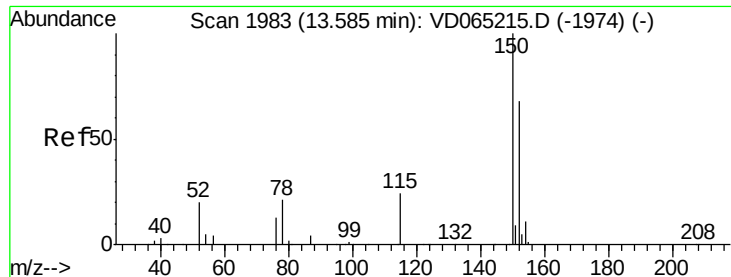


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065329.D

Acq: 26 Feb 2020 15:47

Instrument :

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ClientSampleId :

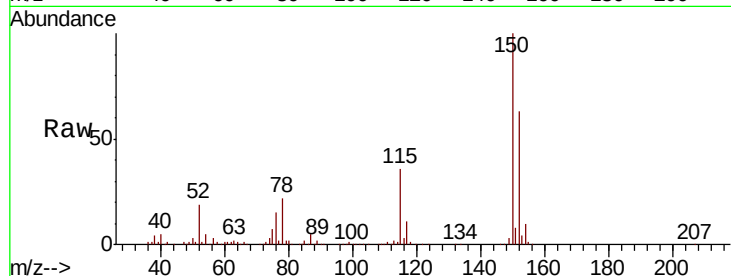
Tot Ion:152 Resp: 396432

Ion Ratio Lower Upper

152 100

115 56.5 27.6 82.8

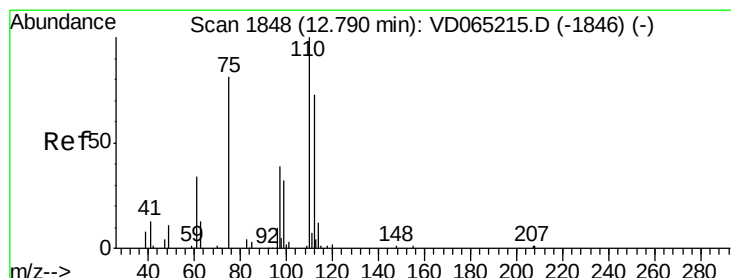
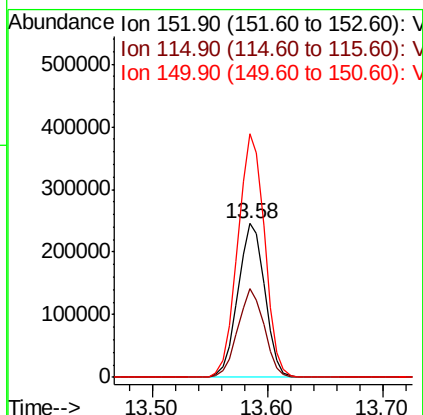
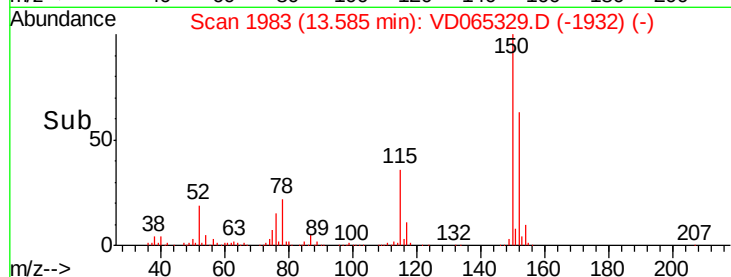
150 157.5 0.0 347.4



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: 51.141 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065329.D

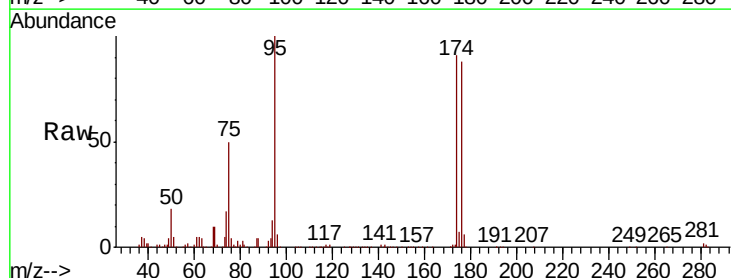
Acq: 26 Feb 2020 15:47

Tgt Ion: 75 Resp: 172497

Ion Ratio Lower Upper

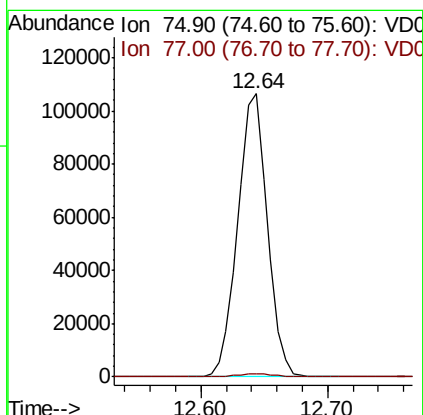
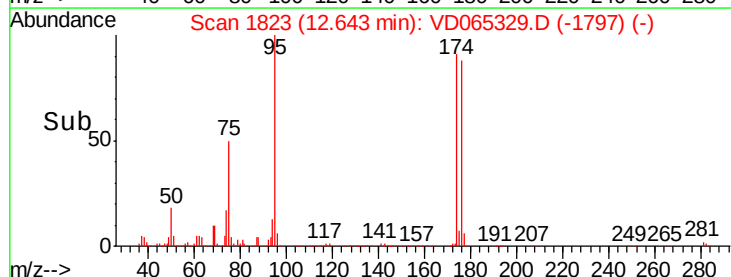
75 100

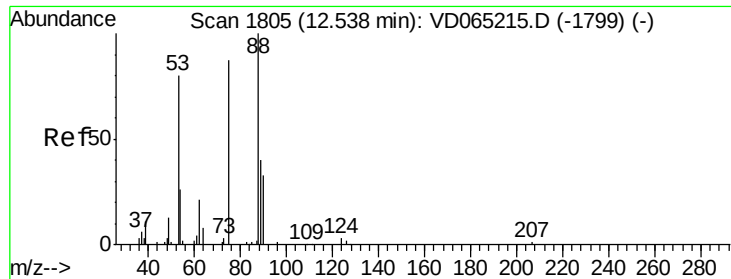
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 110.423 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065329.D

Acq: 26 Feb 2020 15:47

Instrument :

MSVOA_D

ClientSampleId :

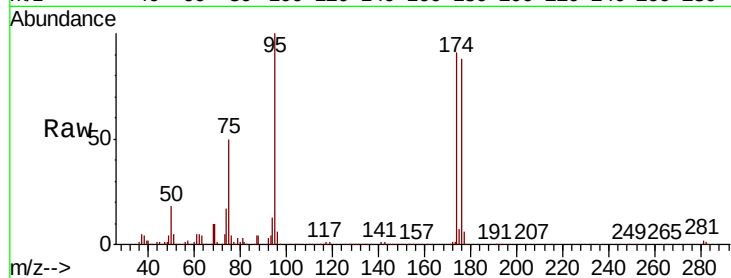
Tot Ion: 75 Resp: 172497

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.0 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

