

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065281.D
 Acq On : 21 Feb 2020 17:57
 Operator : VA/SY
 Sample : L1635-09
 Misc : 5.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 22 02:25:32 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

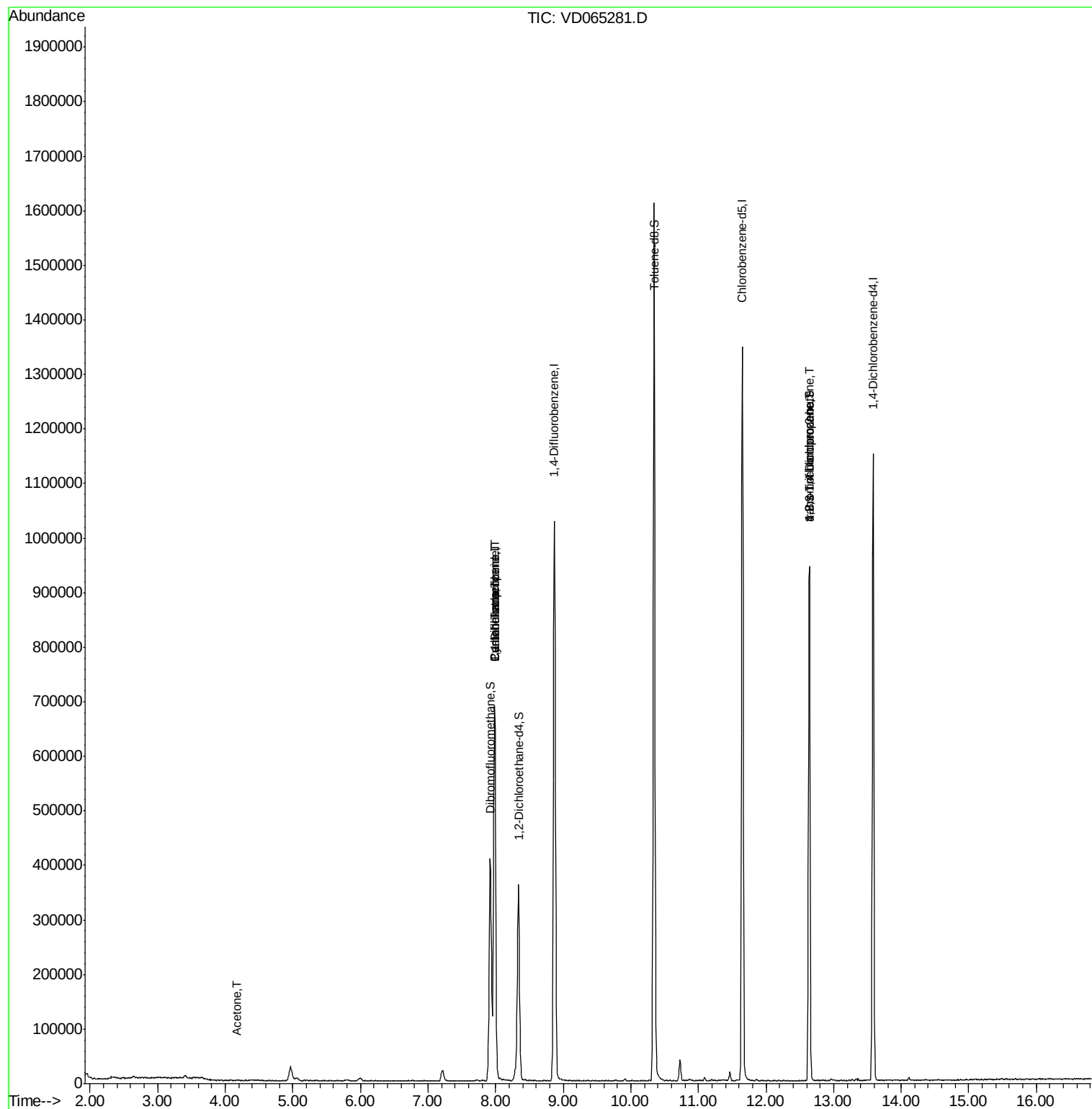
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	536233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	895581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	784060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	283035	58.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.34%	
35) Dibromofluoromethane	7.92	113	290081	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
50) Toluene-d8	10.34	98	1078768	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.64	95	297195	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
Target Compounds						
					Qvalue	
13) Acrolein	3.67	56	59	Below Cal	#	1
16) Acetone	4.17	43	1359	1.152	ug/l #	79
20) Methylene Chloride	4.96	84	20211	Below Cal	#	81
31) Cyclohexane	7.99	56	11154	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	38616	4.431	ug/l #	48
38) Carbon Tetrachloride	7.99	117	49778	5.611	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	148158	55.184	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	148158	119.152	ug/l #	11

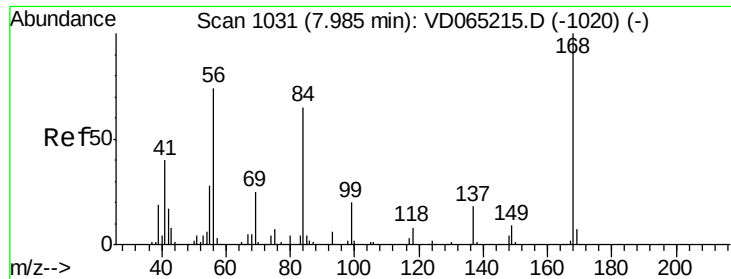
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022120\
Data File : VD065281.D
Acq On : 21 Feb 2020 17:57
Operator : VA/SY
Sample : L1635-09
Misc : 5.89G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 22 02:25:32 2020
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



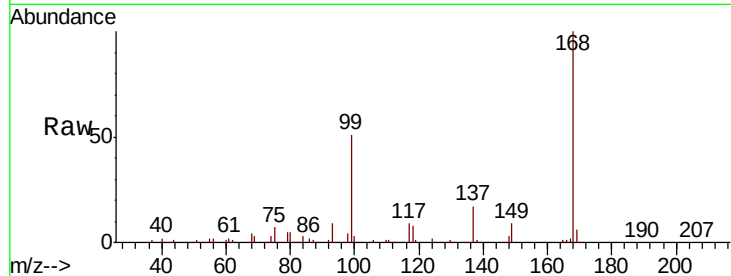


#1

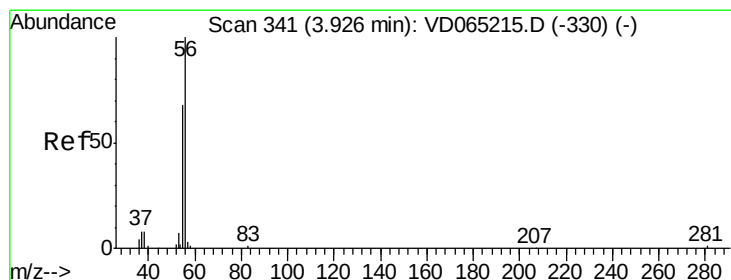
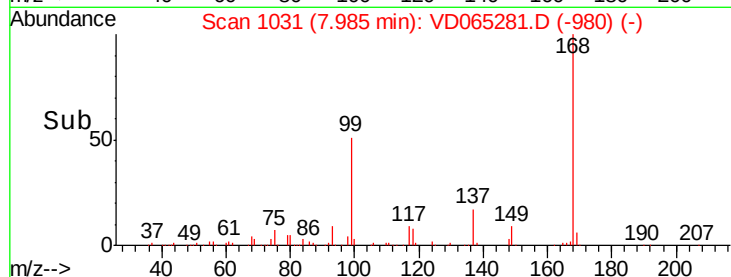
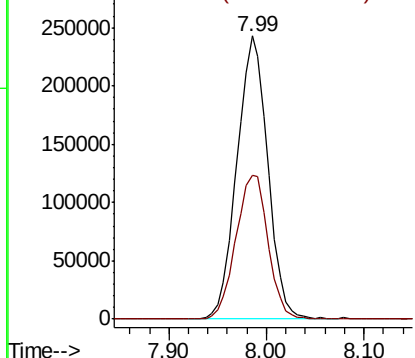
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VD065281.D
 Acq: 21 Feb 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:168 Resp: 536233
 Ion Ratio Lower Upper
 168 100
 99 50.6 41.4 62.2



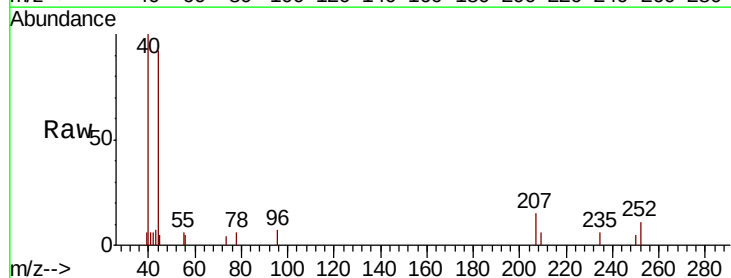
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VDC



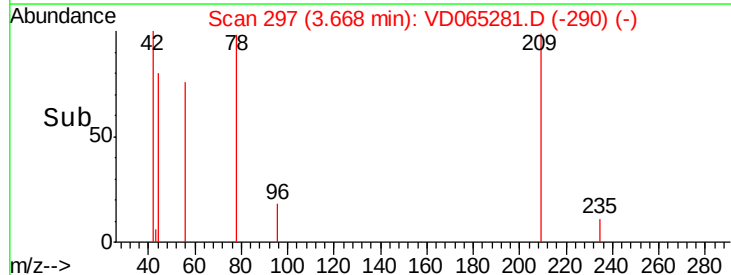
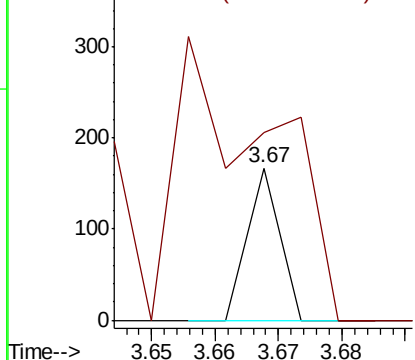
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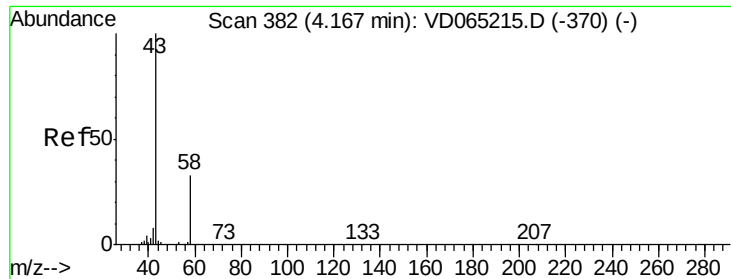
Acrolein
 Concen: Below Cal
 RT: 3.67 min Scan# 297
 Delta R.T. -0.26 min
 Lab File: VD065281.D
 Acq: 21 Feb 2020 17:57

Tgt Ion: 56 Resp: 59
 Ion Ratio Lower Upper
 56 100
 55 542.4 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC
 Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 1.152 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065281.D

Acq: 21 Feb 2020 17:57

Instrument :

MSVOA_D

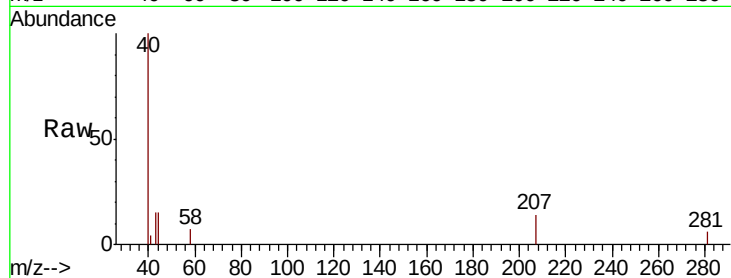
ClientSampleId :

Tot Ion: 43 Resp: 1359

Ion Ratio Lower Upper

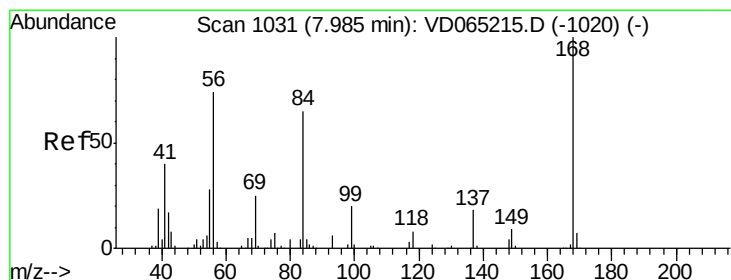
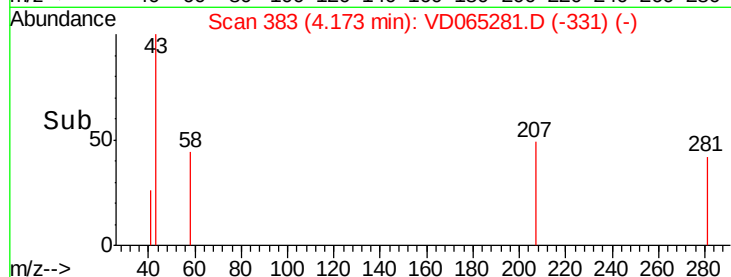
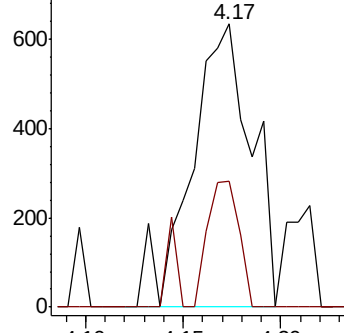
43 100

58 44.5 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: 1.176 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065281.D

Acq: 21 Feb 2020 17:57

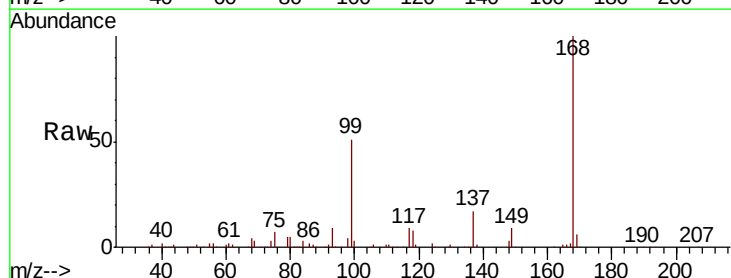
Tgt Ion: 56 Resp: 11154

Ion Ratio Lower Upper

56 100

69 152.7 27.4 41.0#

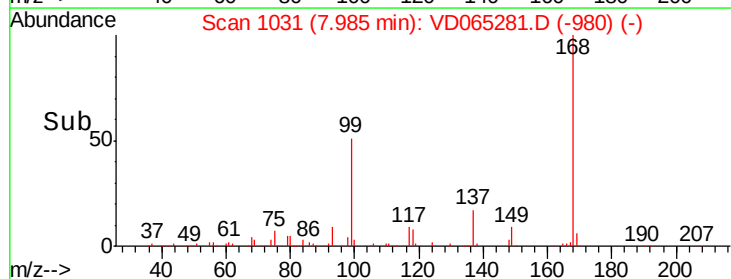
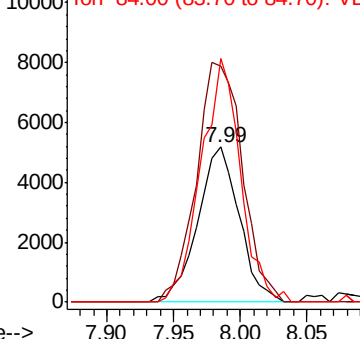
84 157.3 71.1 106.7#

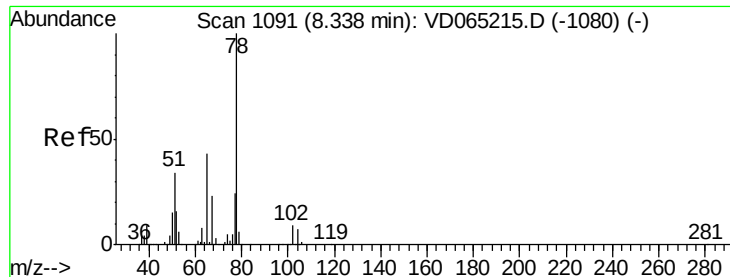


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

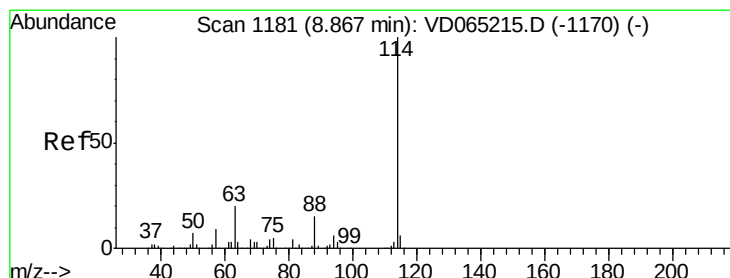
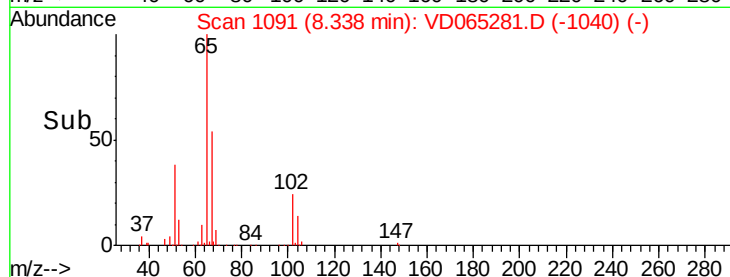
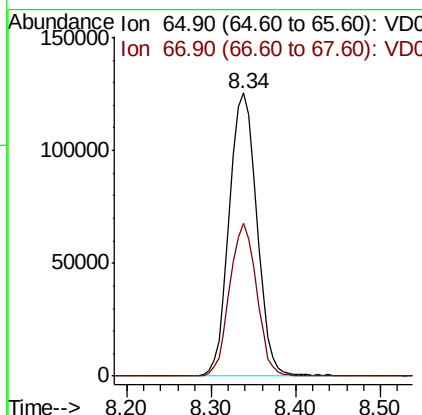
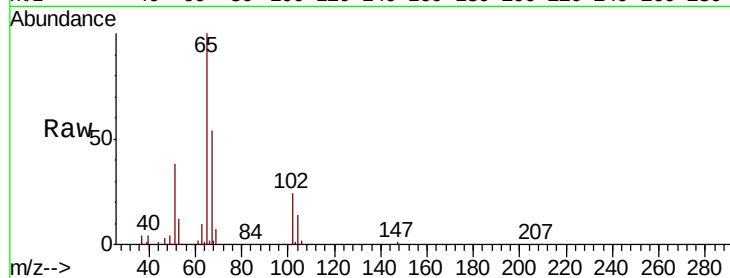




#33
 1,2-Dichloroethane-d4
 Concen: 58.672 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065281.D
 Acq: 21 Feb 2020 17:57

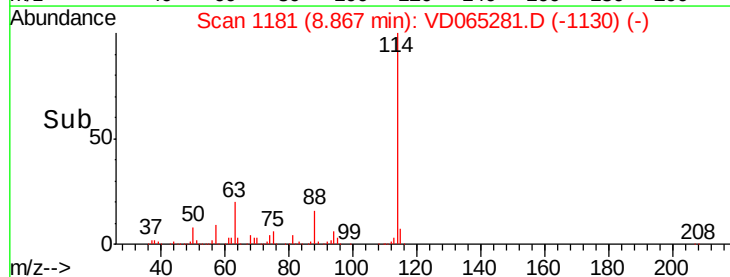
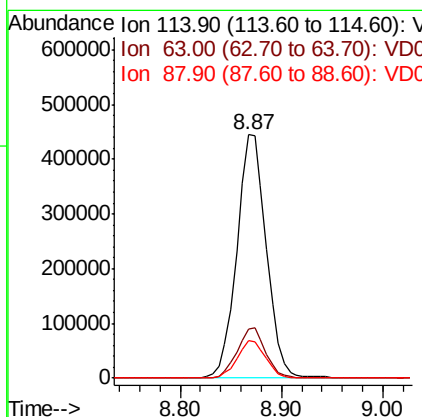
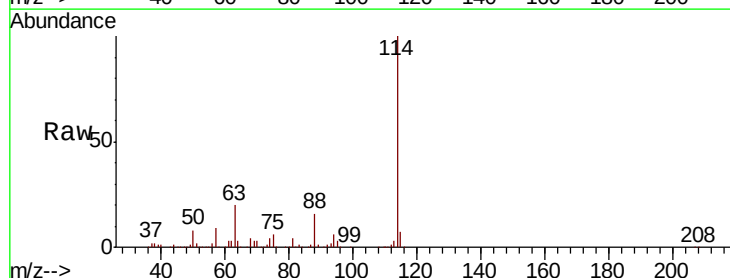
Instrument :
 MSVOA_D
 ClientSampled :

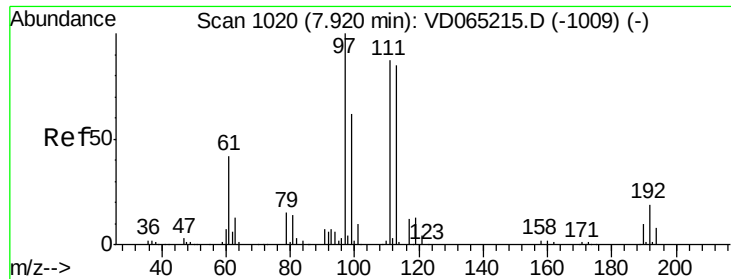
Tot Ion: 65 Resp: 283035
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065281.D
 Acq: 21 Feb 2020 17:57

Tgt Ion: 114 Resp: 895581
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 15.6 0.0 30.4

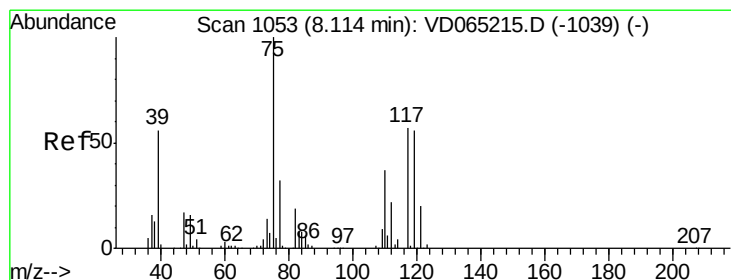
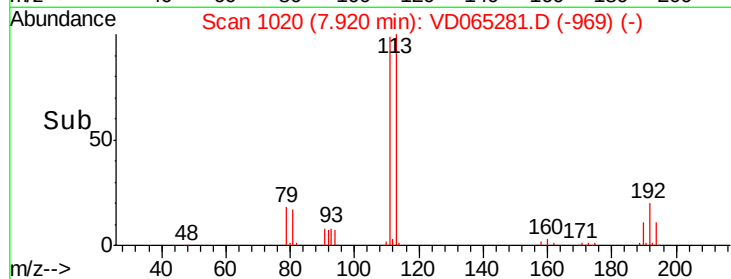
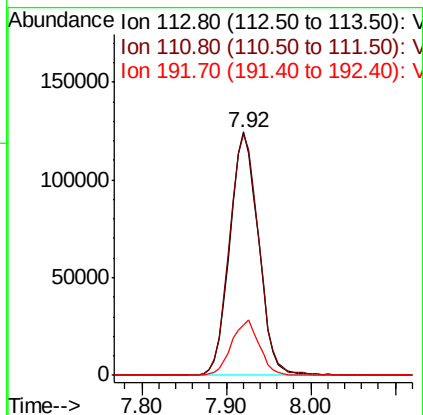
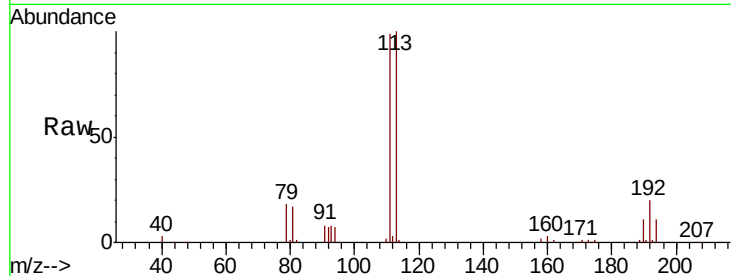




#35
 Dibromofluoromethane
 Concen: 53.121 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065281.D
 Acq: 21 Feb 2020 17:57

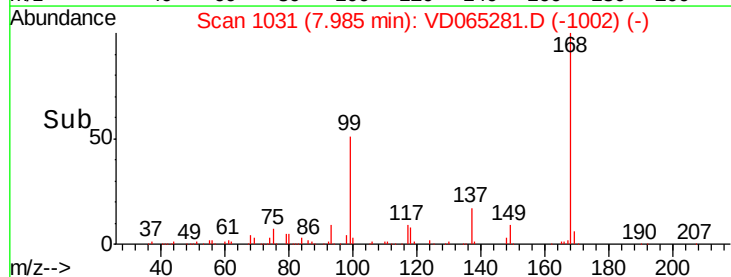
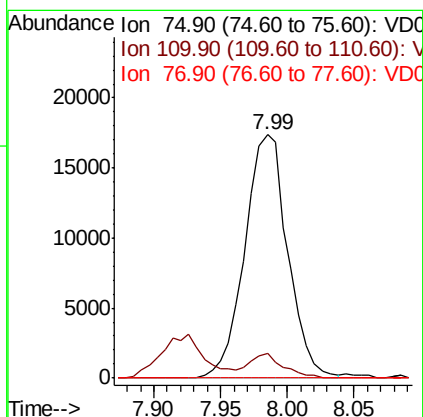
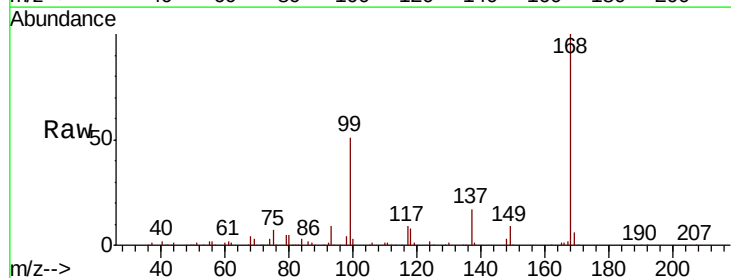
Instrument :
 MSVOA_D
 ClientSampleId :

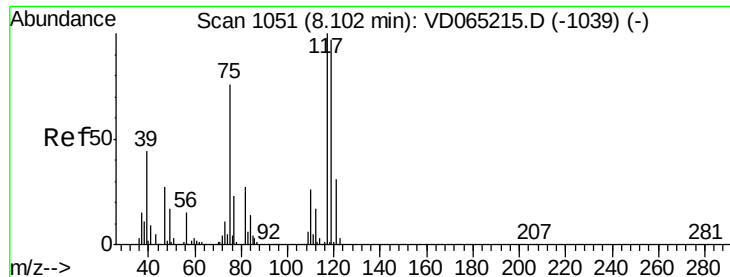
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	21.8	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.431 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065281.D
 Acq: 21 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.9	53.7#
77	0.0	25.1	37.7#

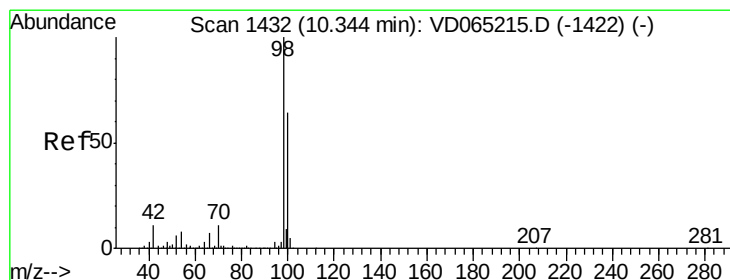
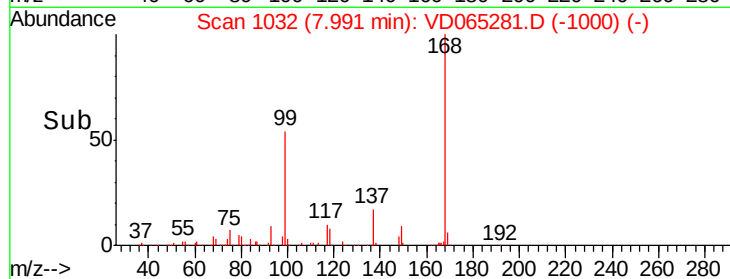
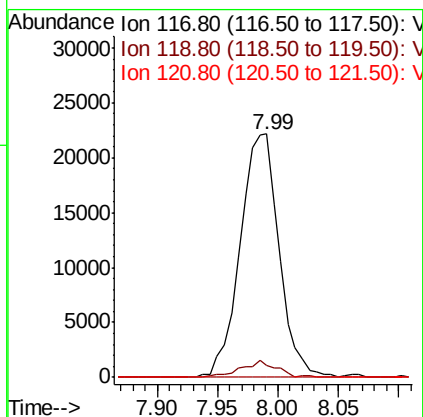
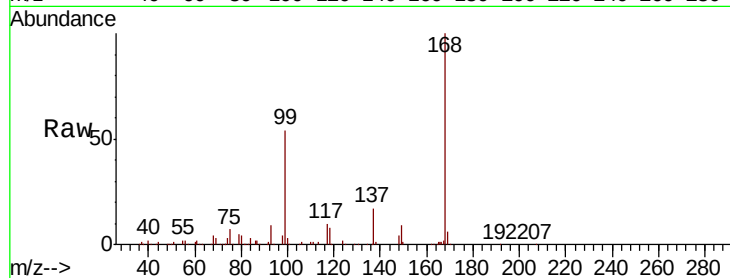




#38
Carbon Tetrachloride
Concen: 5.611 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD065281.D
Acq: 21 Feb 2020 17:57

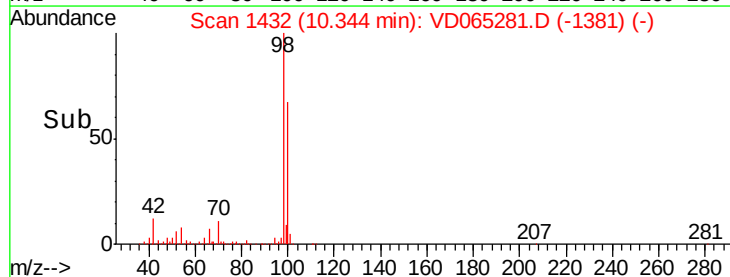
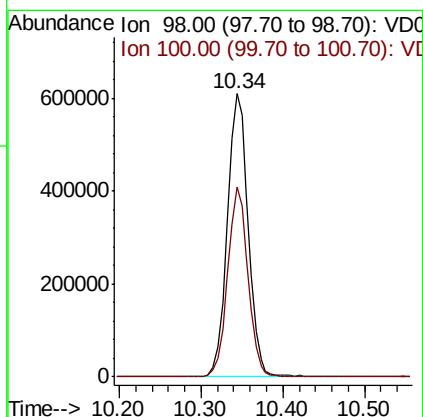
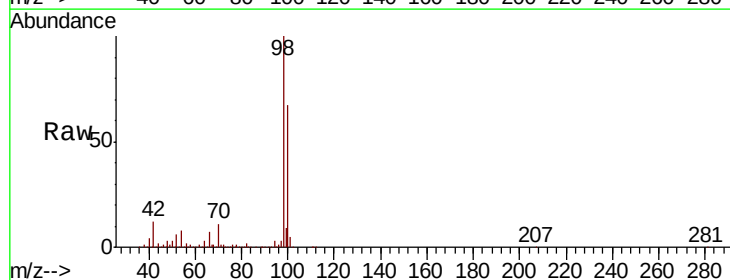
Instrument :
MSVOA_D
ClientSampled :

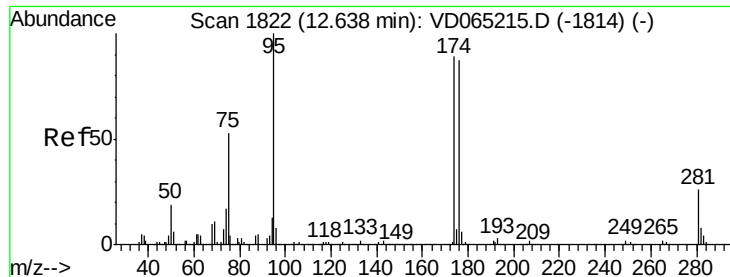
Tot Ion:117 Resp: 49778
Ion Ratio Lower Upper
117 100
119 4.7 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.675 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065281.D
Acq: 21 Feb 2020 17:57

Tgt Ion: 98 Resp: 1078768
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

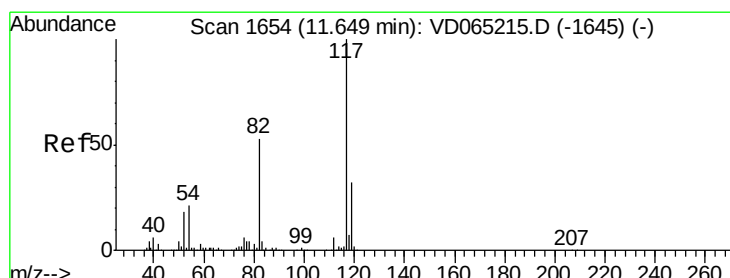
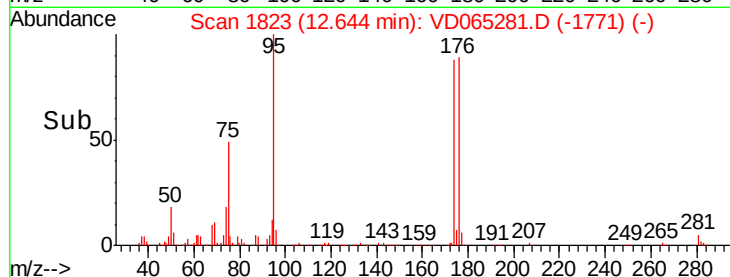
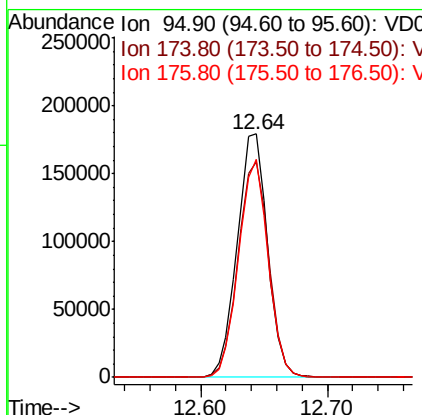
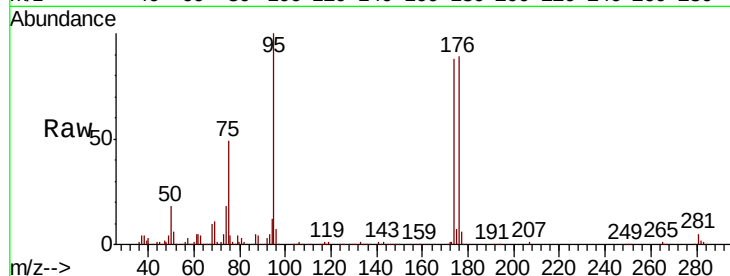




#62
4-Bromofluorobenzene
Concen: 44.939 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065281.D
Acq: 21 Feb 2020 17:57

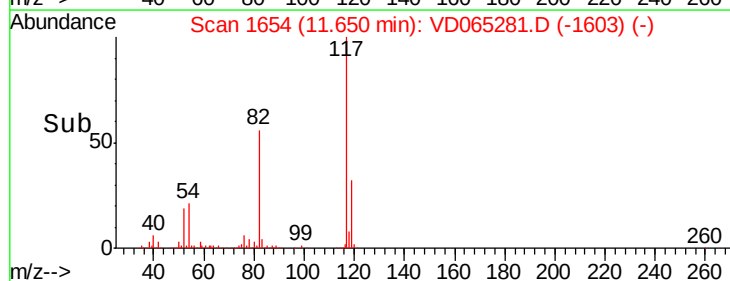
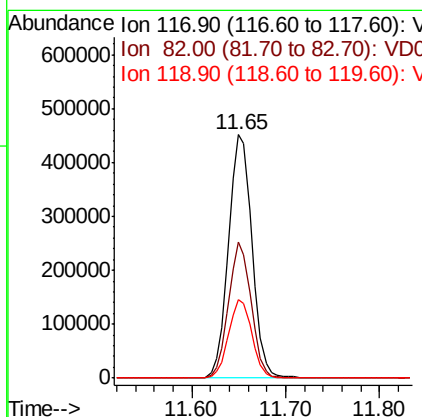
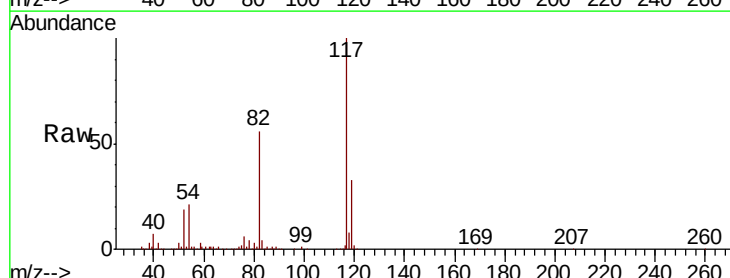
Instrument :
MSVOA_D
ClientSampled :

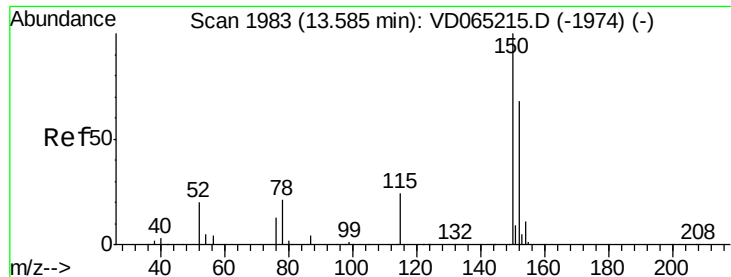
Tot Ion	95	Resp	297195
Ion Ratio	100		
Lower			
Upper			
174	89.8	0.0	178.0
176	87.0	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065281.D
Acq: 21 Feb 2020 17:57

Tgt Ion	117	Resp	784060
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	56.0	42.7	64.1
119	32.5	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065281.D

Acq: 21 Feb 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

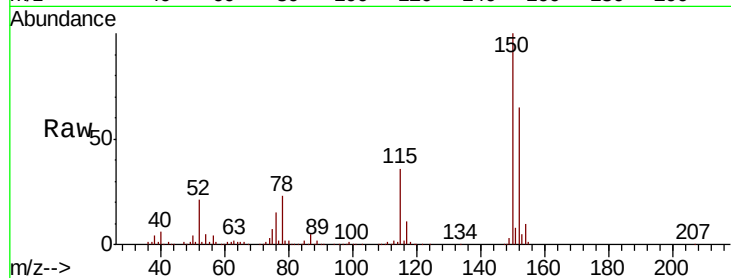
Tot Ion:152 Resp: 315551

Ion Ratio Lower Upper

152 100

115 55.6 27.6 82.8

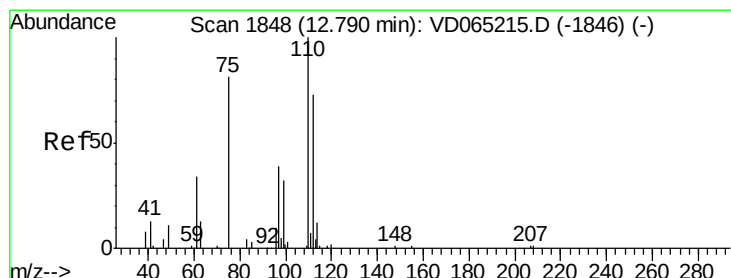
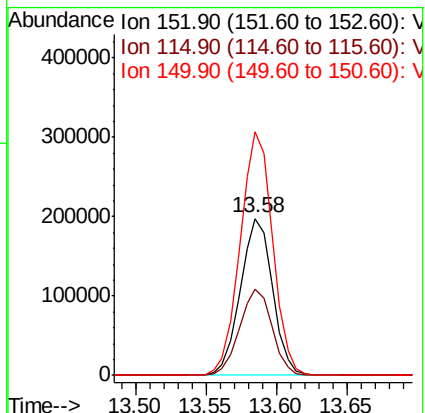
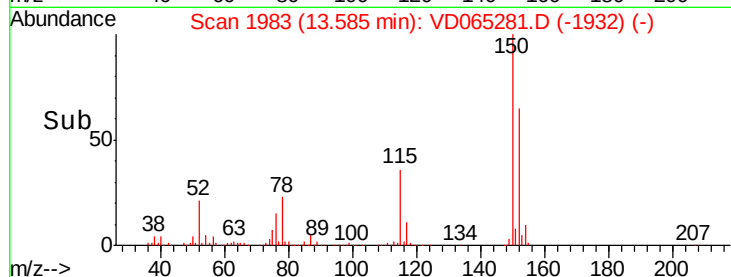
150 156.1 0.0 347.4



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: 55.184 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065281.D

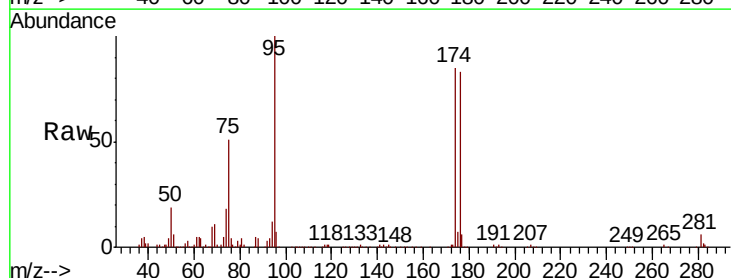
Acq: 21 Feb 2020 17:57

Tgt Ion: 75 Resp: 148158

Ion Ratio Lower Upper

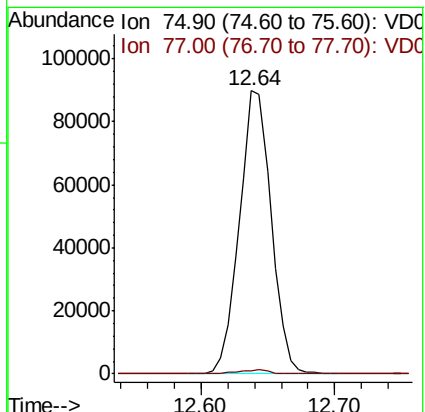
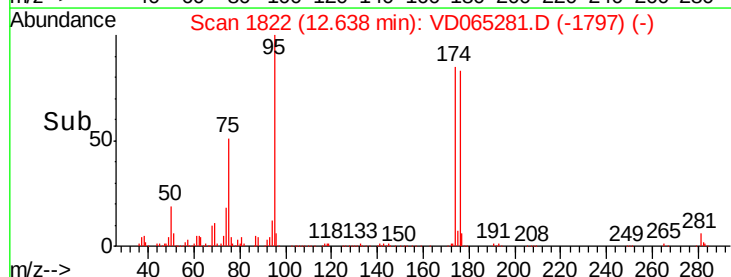
75 100

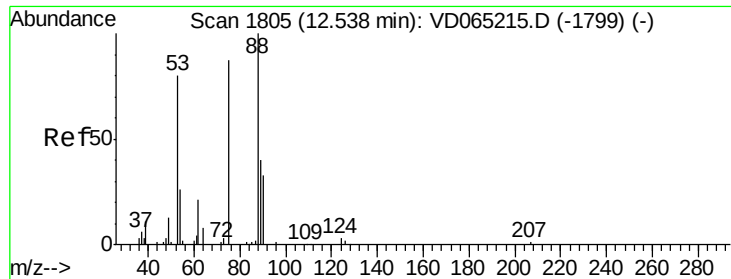
77 1.5 0.0 0.0#



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: 119.152 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065281.D

Acq: 21 Feb 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

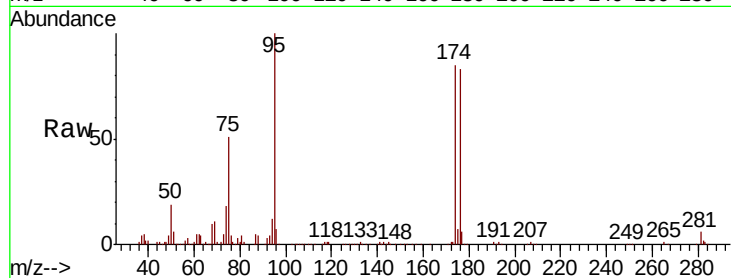
Tot Ion: 75 Resp: 148158

Ion Ratio Lower Upper

75 100

53 0.2 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

