

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065392.D
 Acq On : 03 Mar 2020 14:08
 Operator : VA/SY
 Sample : L1770-02
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 04:52:52 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

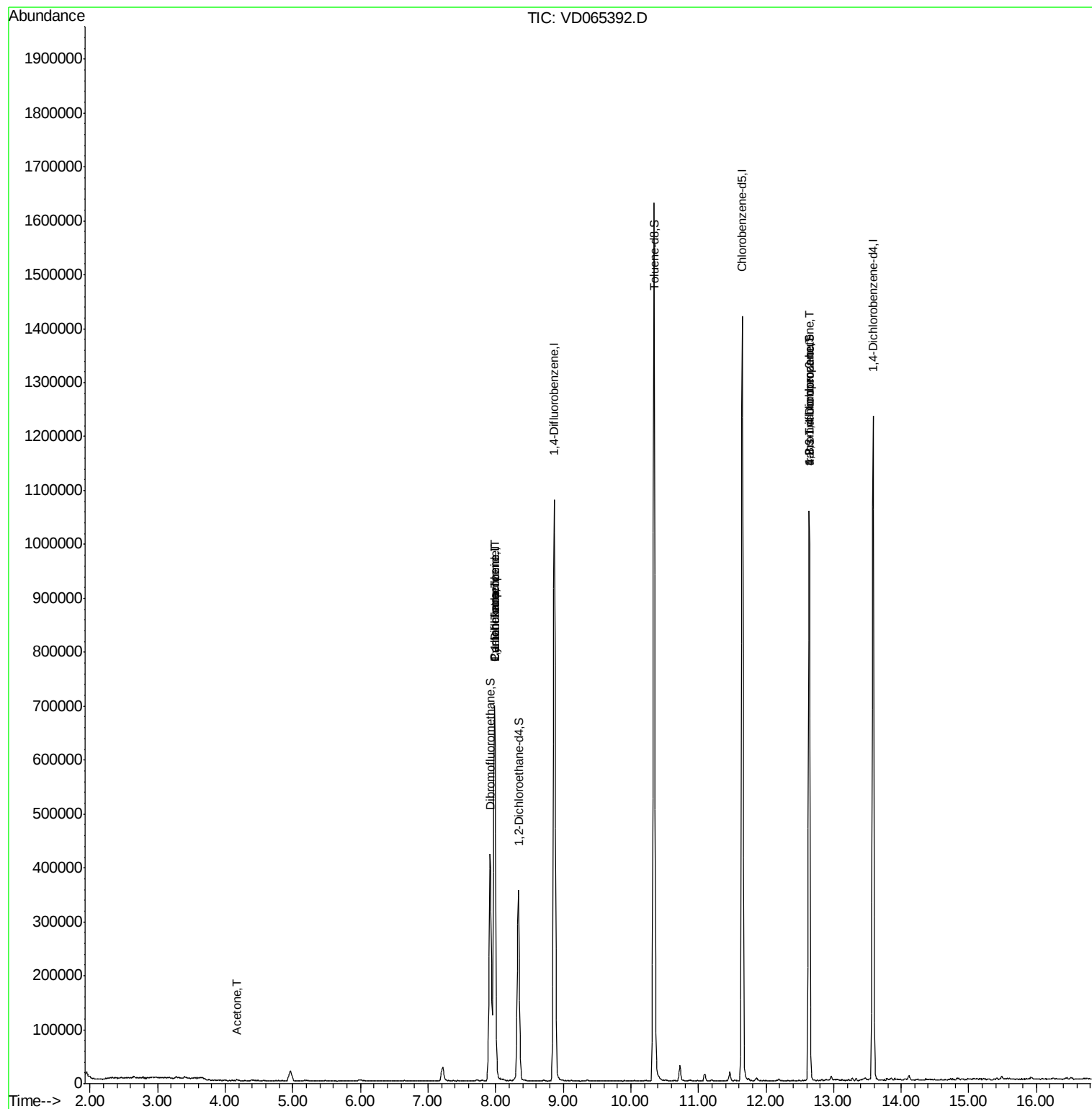
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	544003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	934966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	834347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	279402	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
35) Dibromofluoromethane	7.92	113	300320	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.34	98	1118807	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.64	95	325008	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
Target Compounds						
16) Acetone	4.17	43	2840	2.374	ug/l	97
20) Methylene Chloride	4.96	84	14548	Below Cal		89
31) Cyclohexane	7.98	56	10508	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.99	75	38655	4.249	ug/l #	49
38) Carbon Tetrachloride	7.98	117	49693	5.366	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	158641	54.324	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	158641	117.295	ug/l #	11

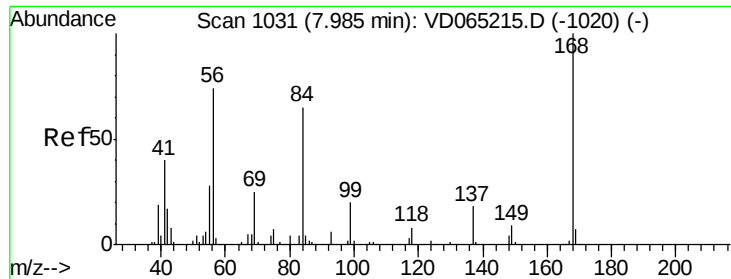
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065392.D

Acq: 03 Mar 2020 14:08

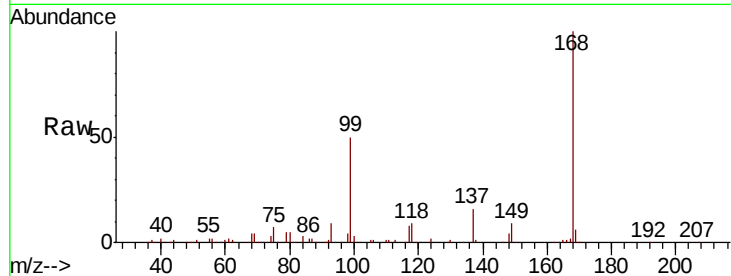
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 544003

Ion Ratio Lower Upper

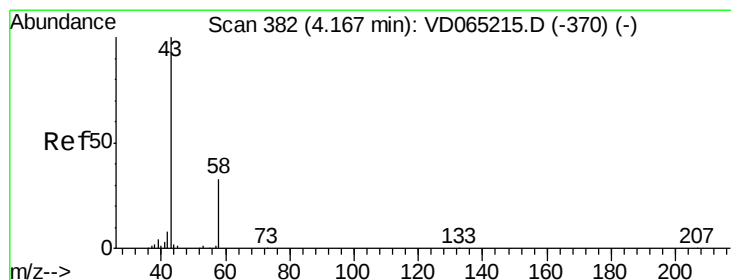
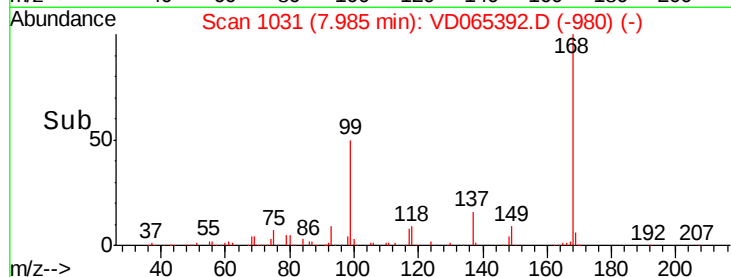
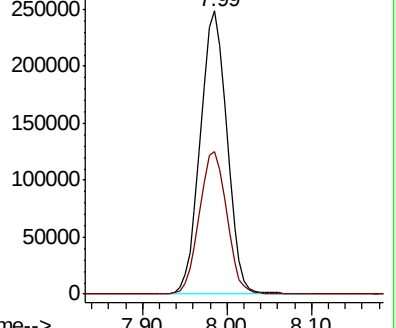
168 100

99 50.3 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: 2.374 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065392.D

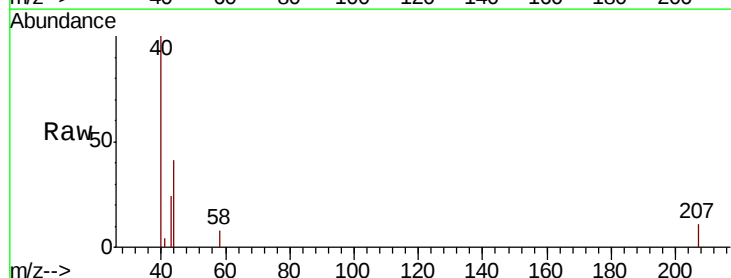
Acq: 03 Mar 2020 14:08

Tgt Ion: 43 Resp: 2840

Ion Ratio Lower Upper

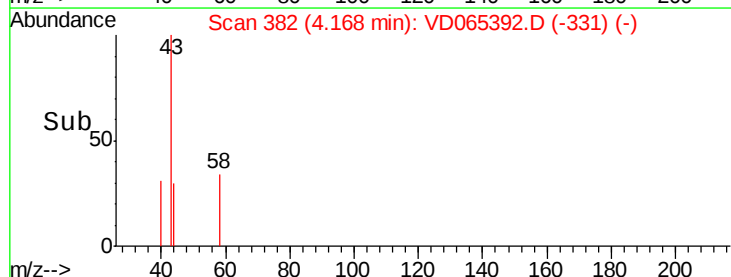
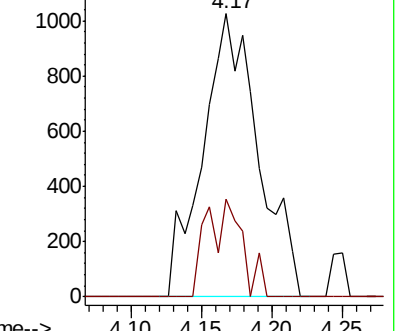
43 100

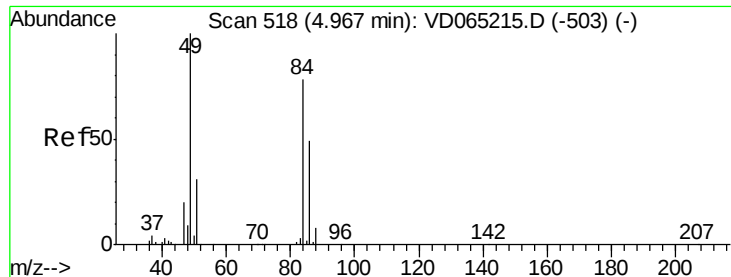
58 34.4 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

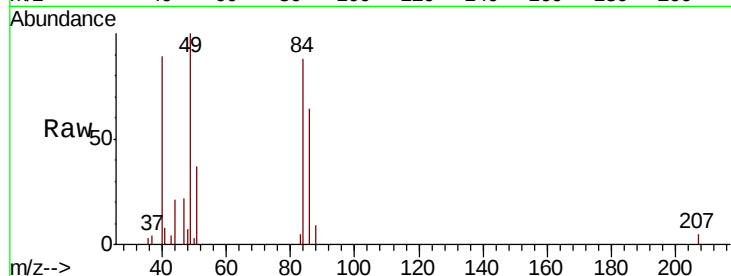




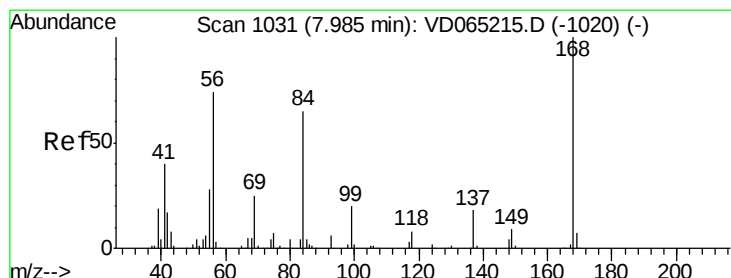
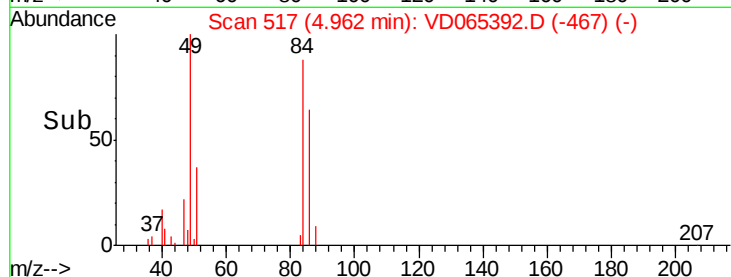
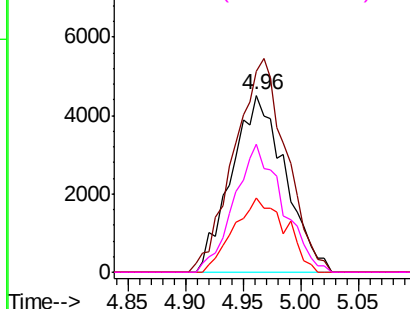
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065392.D
Acq: 03 Mar 2020 14:08

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 14548
Ion Ratio Lower Upper
84 100
49 113.8 103.1 154.7
51 42.0 31.7 47.5
86 72.2 50.9 76.3

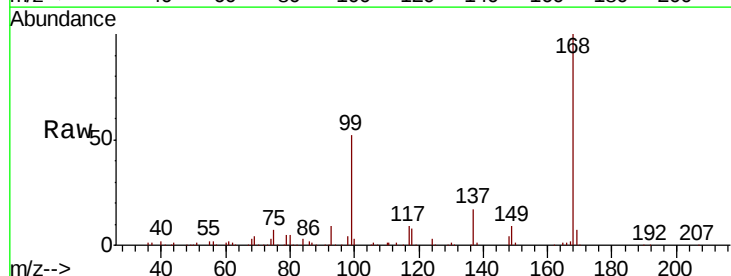


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

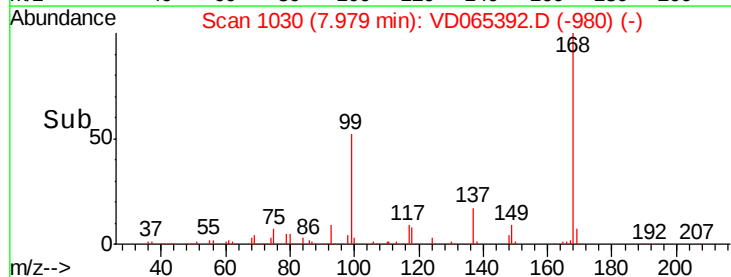
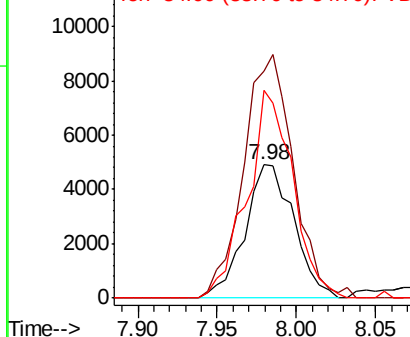


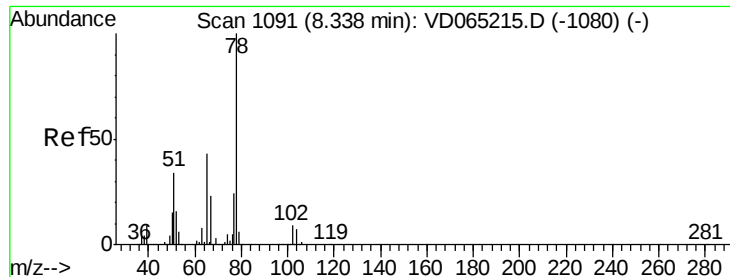
#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065392.D
Acq: 03 Mar 2020 14:08

Tgt Ion: 56 Resp: 10508
Ion Ratio Lower Upper
56 100
69 170.0 27.4 41.0#
84 155.6 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

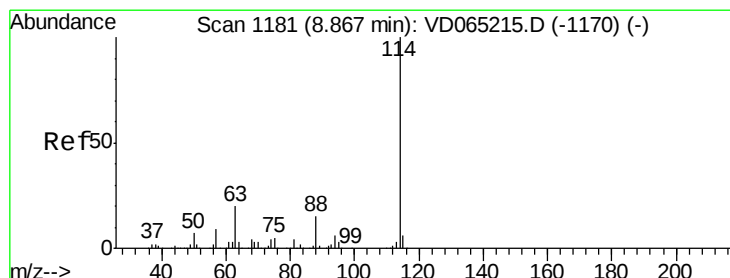
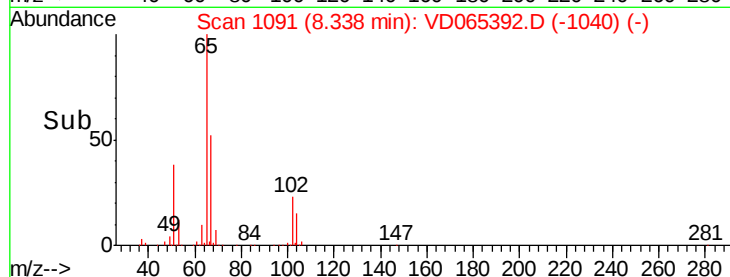
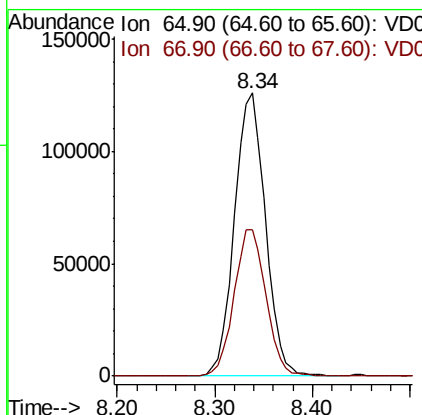
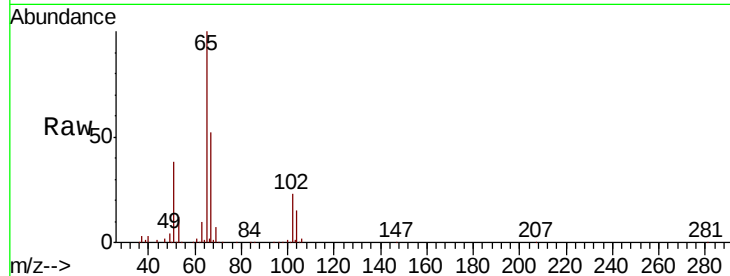




#33
 1,2-Dichloroethane-d4
 Concen: 57.092 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065392.D
 Acq: 03 Mar 2020 14:08

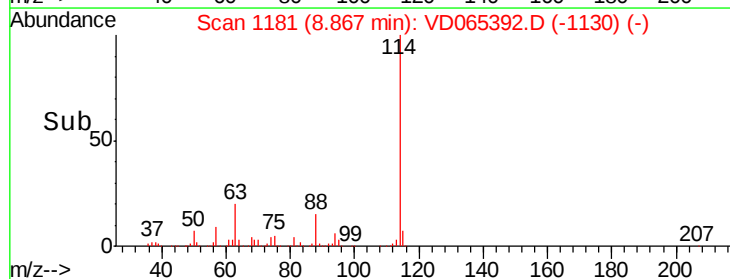
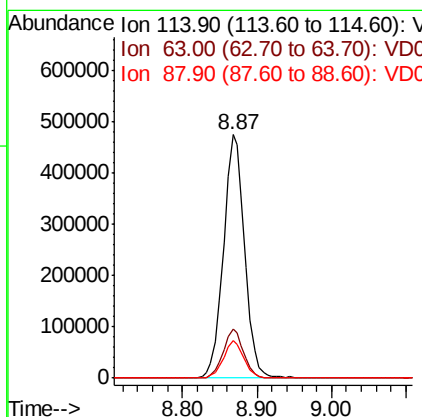
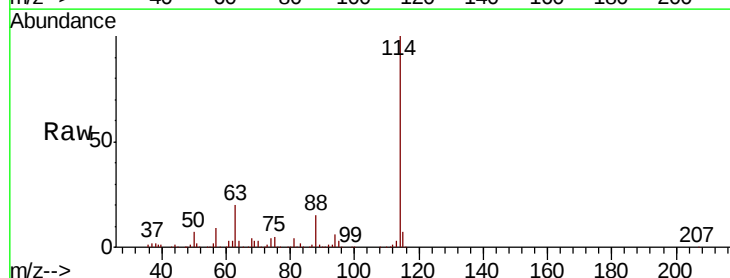
Instrument :
 MSVOA_D
 ClientSampleId :

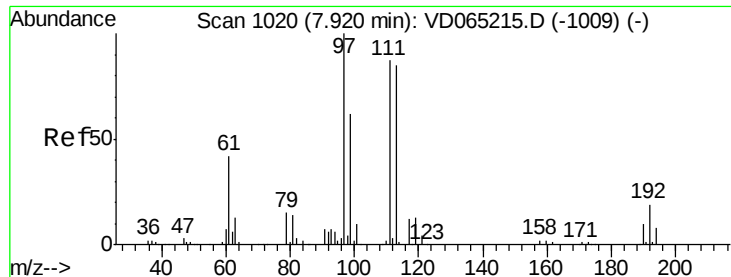
Tot Ion: 65 Resp: 279402
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065392.D
 Acq: 03 Mar 2020 14:08

Tgt Ion: 114 Resp: 934966
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 15.2 0.0 30.4

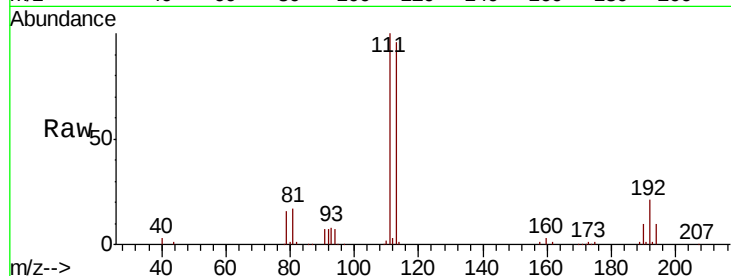




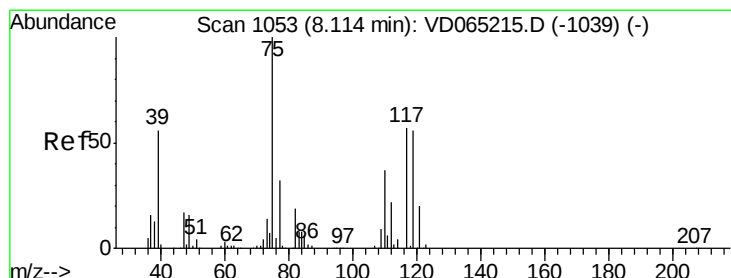
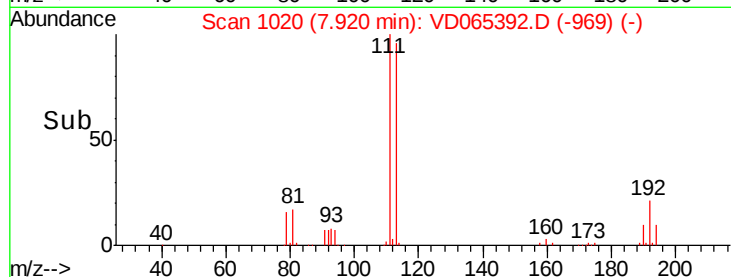
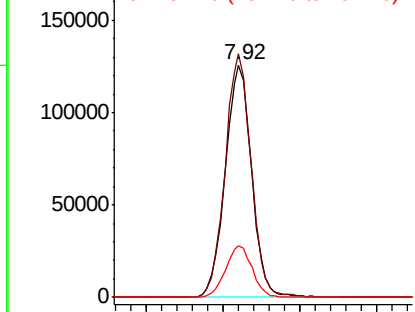
#35
 Dibromofluoromethane
 Concen: 52.680 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065392.D
 Acq: 03 Mar 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	22.3	17.3	25.9

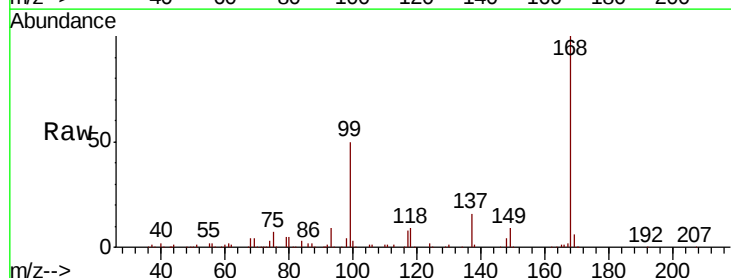


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

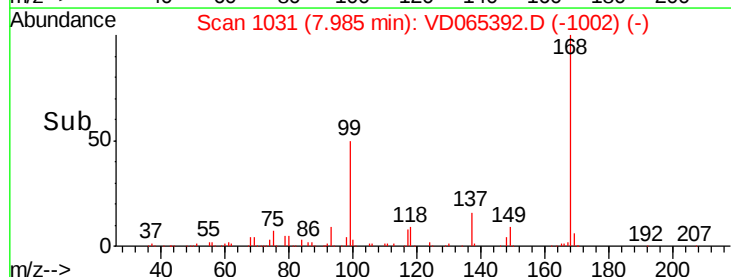
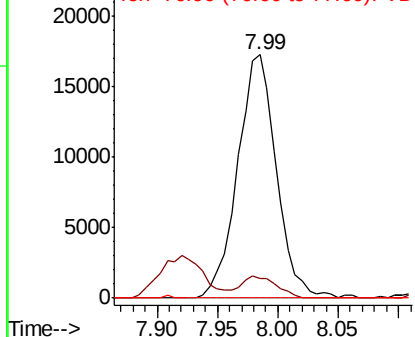


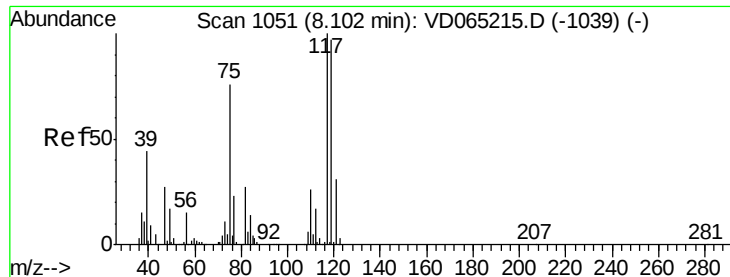
#36
 1,1-Dichloropropene
 Concen: 4.249 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065392.D
 Acq: 03 Mar 2020 14:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.9	53.7#
77	0.0	25.1	37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

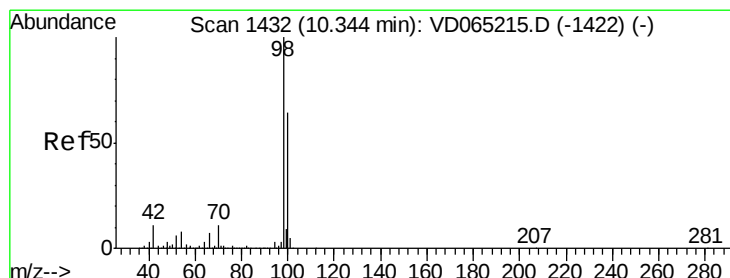
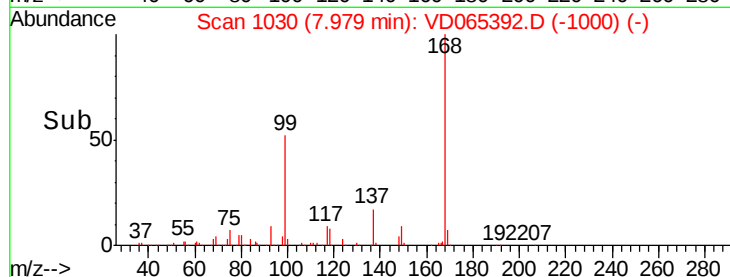
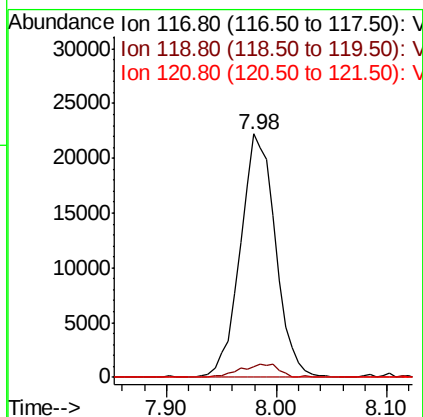
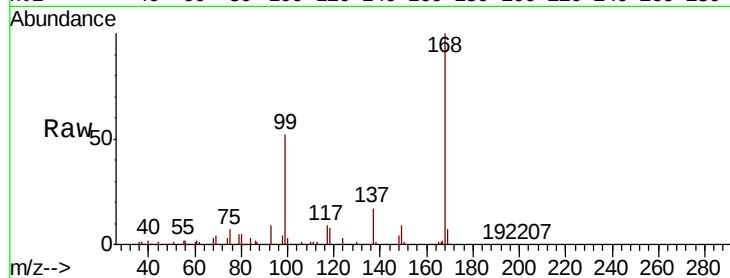




#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065392.D
Acq: 03 Mar 2020 14:08

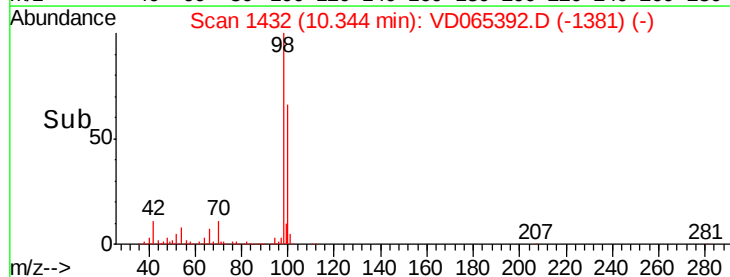
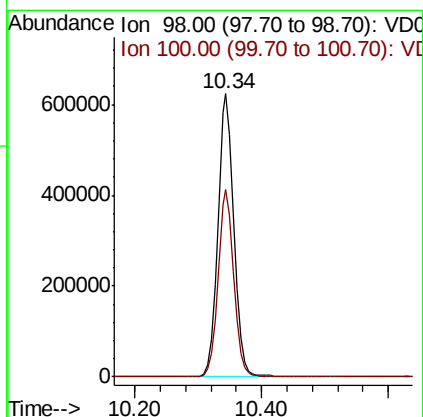
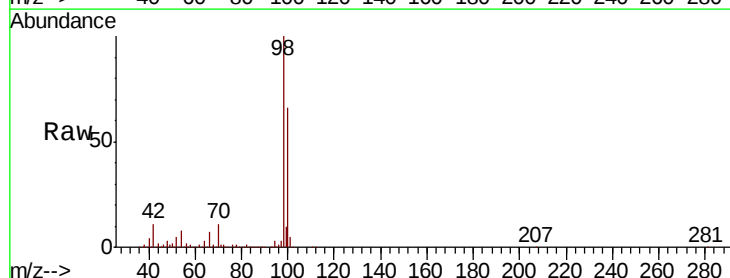
Instrument :
MSVOA_D
ClientSampleId :

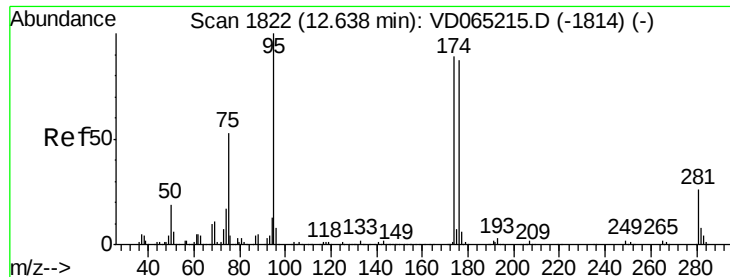
Tot Ion:117 Resp: 49693
Ion Ratio Lower Upper
117 100
119 4.5 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.336 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065392.D
Acq: 03 Mar 2020 14:08

Tgt Ion: 98 Resp: 1118807
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.074 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065392.D

Acq: 03 Mar 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

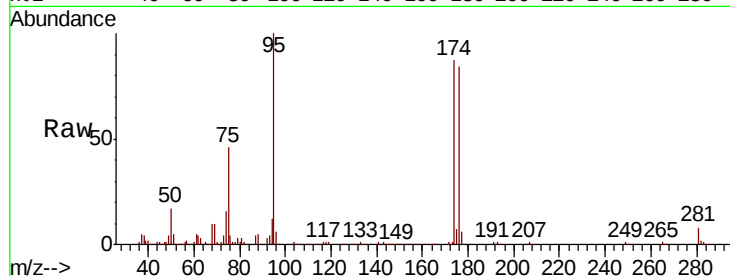
Tot Ion: 95 Resp: 325008

Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.0

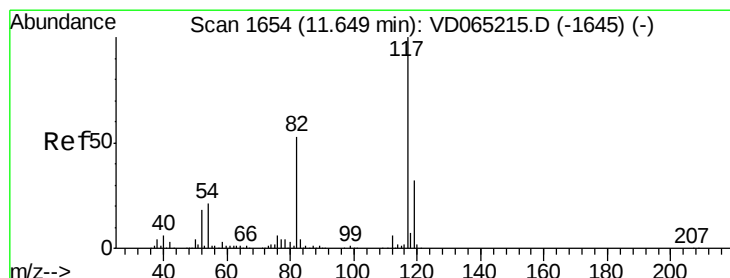
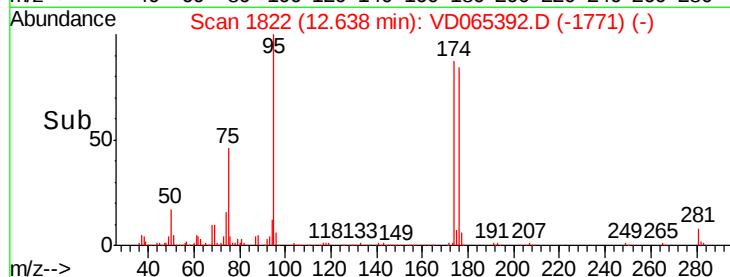
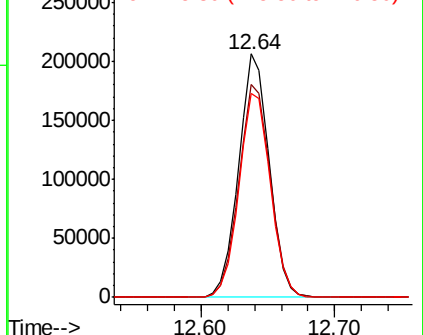
176 86.5 0.0 174.4



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: VD065392.D

Acq: 03 Mar 2020 14:08

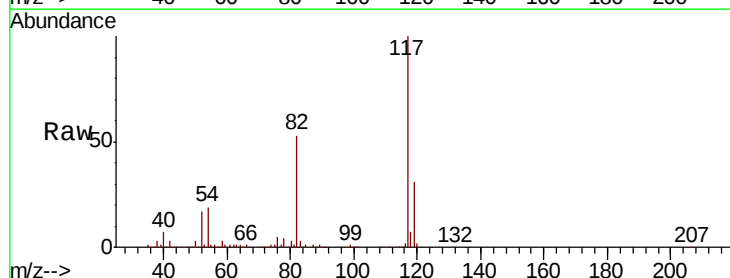
Tgt Ion: 117 Resp: 834347

Ion Ratio Lower Upper

117 100

82 52.8 42.7 64.1

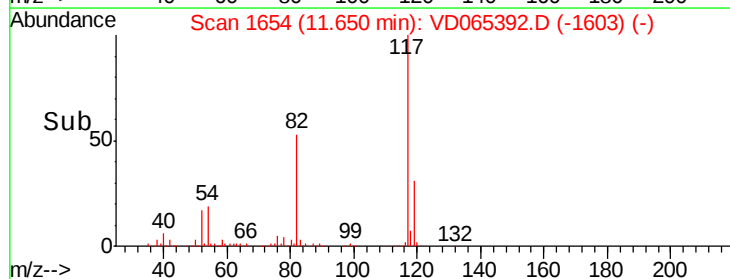
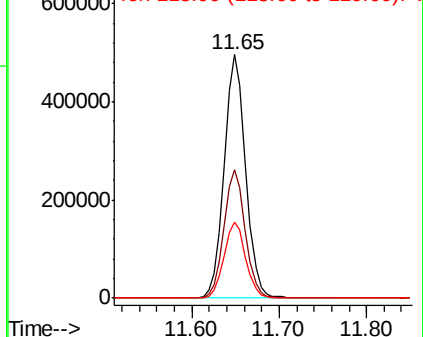
119 31.4 25.5 38.3

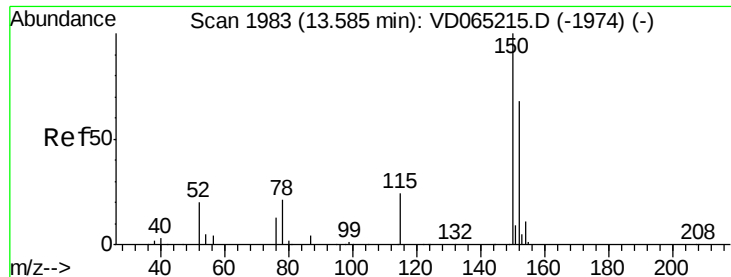


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065392.D

Acq: 03 Mar 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

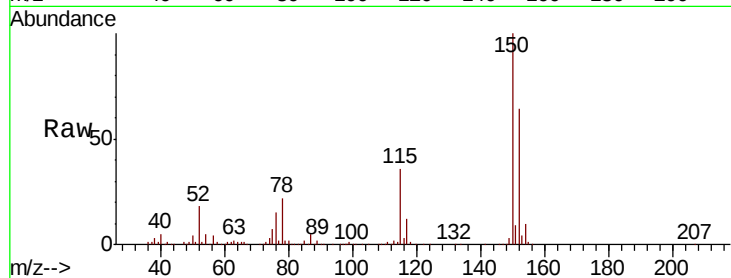
Tot Ion:152 Resp: 343228

Ion Ratio Lower Upper

152 100

115 55.7 27.6 82.8

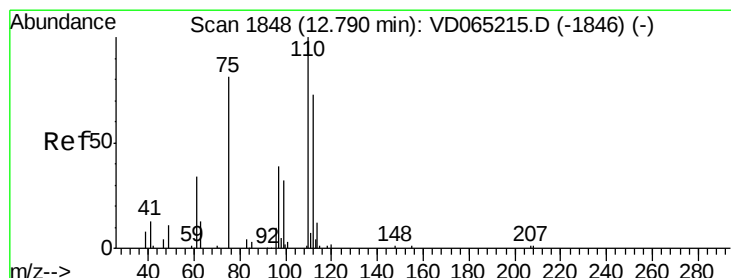
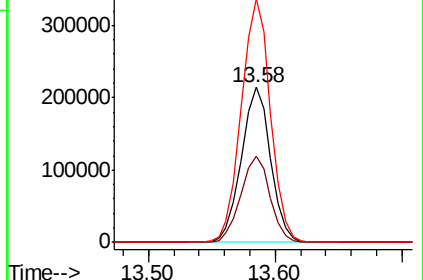
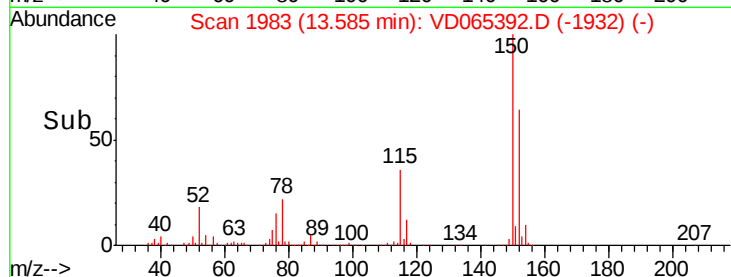
150 156.2 0.0 347.4



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: 54.324 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065392.D

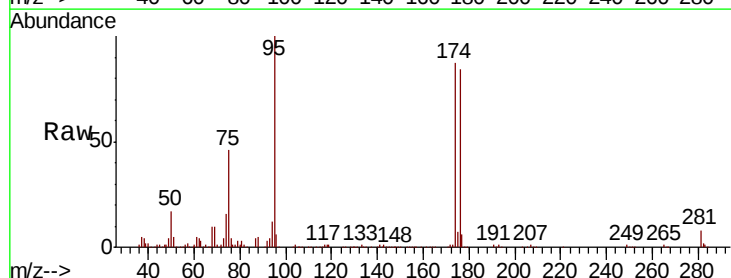
Acq: 03 Mar 2020 14:08

Tgt Ion: 75 Resp: 158641

Ion Ratio Lower Upper

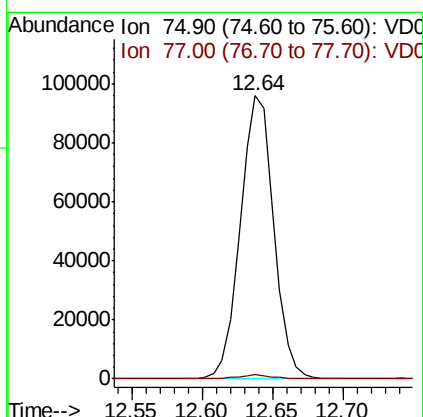
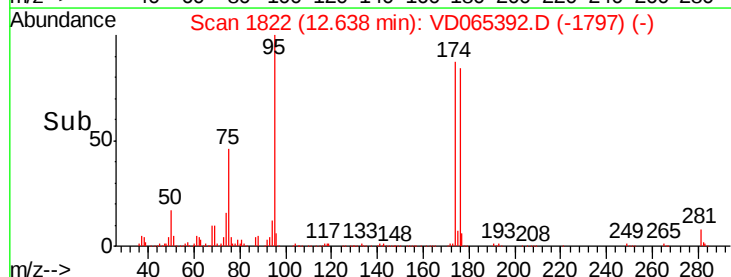
75 100

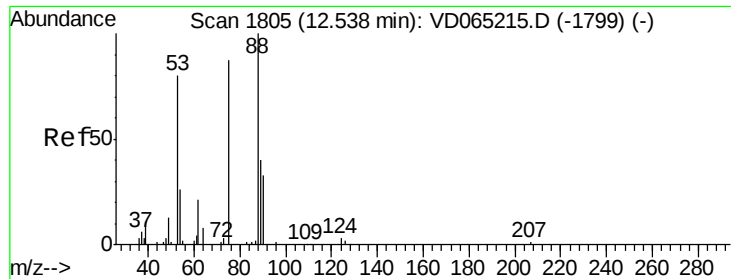
77 1.4 0.0 0.0#



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: 117.295 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065392.D

Acq: 03 Mar 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

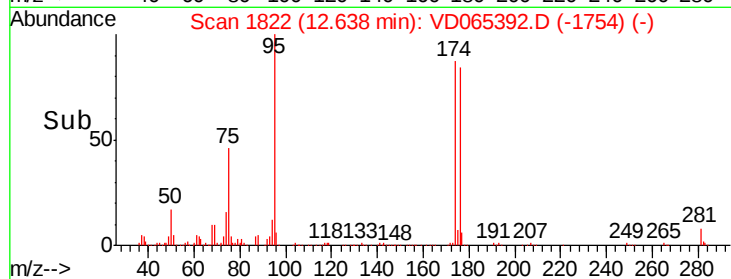
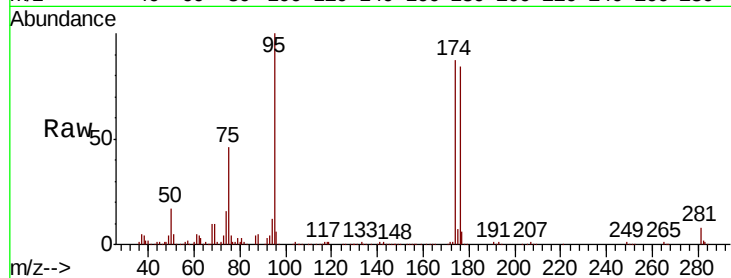
Tot Ion: 75 Resp: 158641

Ion Ratio Lower Upper

75 100

53 0.0 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

