

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065095.D
 Acq On : 06 Feb 2020 19:15
 Operator : VA/SY
 Sample : L1393-08RE
 Misc : 6.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 07 06:10:36 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

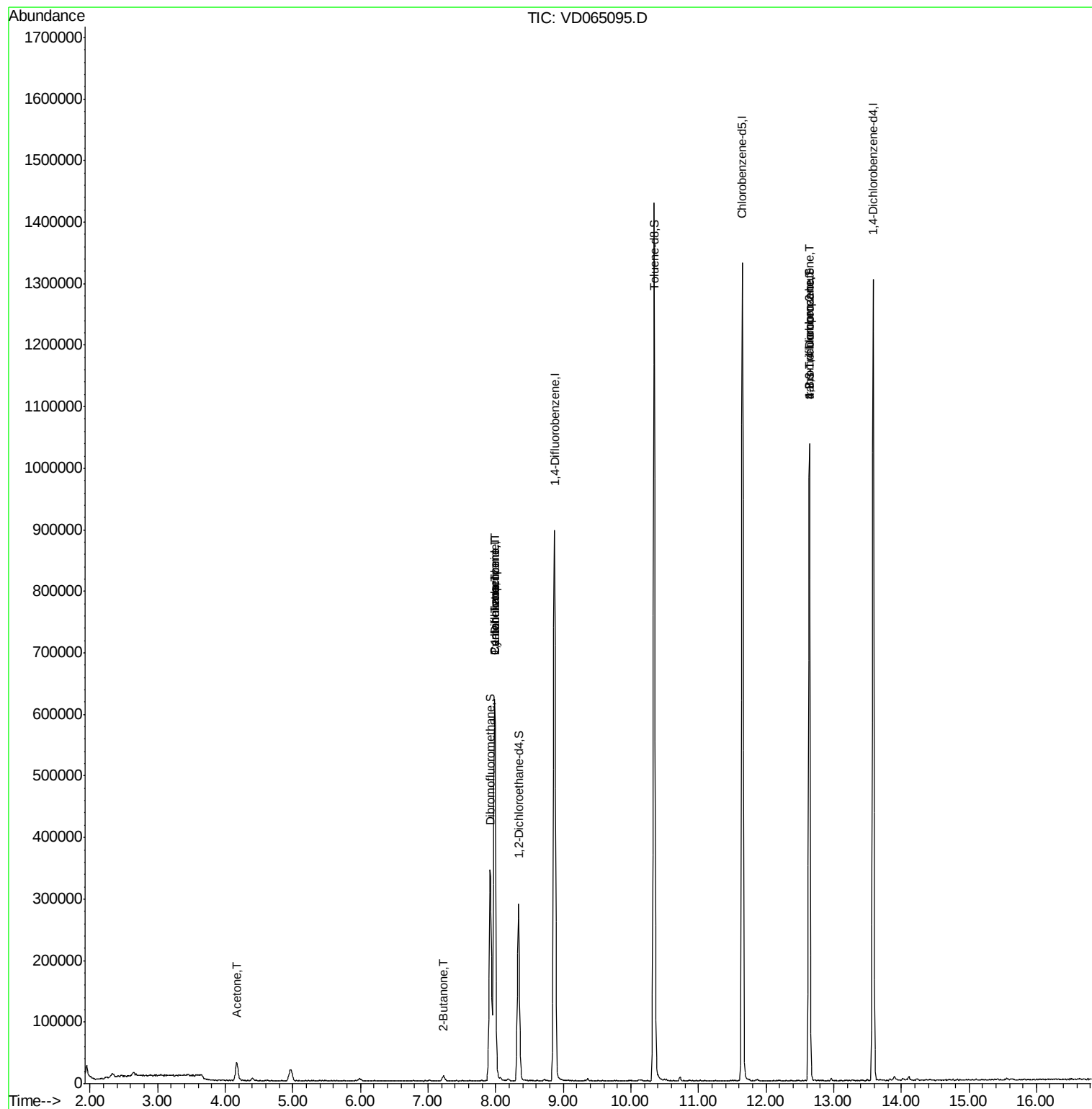
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	480308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	784882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	766460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	226883	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
35) Dibromofluoromethane	7.92	113	240971	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
50) Toluene-d8	10.34	98	951477	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
62) 4-Bromofluorobenzene	12.64	95	320773	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
Target Compounds						
16) Acetone	4.17	43	51794	50.747	ug/l	99
20) Methylene Chloride	4.97	84	14449	Below Cal		90
25) 2-Butanone	7.23	43	13899	11.416	ug/l	93
31) Cyclohexane	7.98	56	10020	1.234	ug/l #	34
36) 1,1-Dichloropropene	7.98	75	34803	4.769	ug/l #	47
38) Carbon Tetrachloride	7.98	117	44605	5.984	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	167408	63.777	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	167408	127.549	ug/l #	10

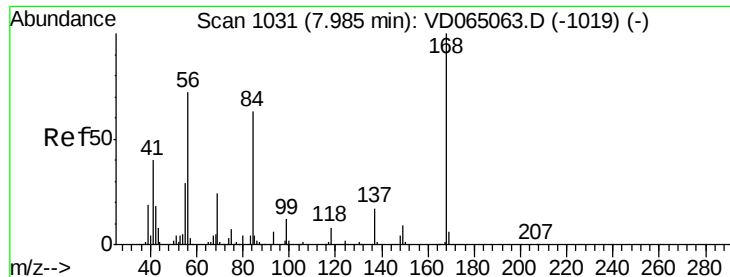
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065095.D

Acq: 06 Feb 2020 19:15

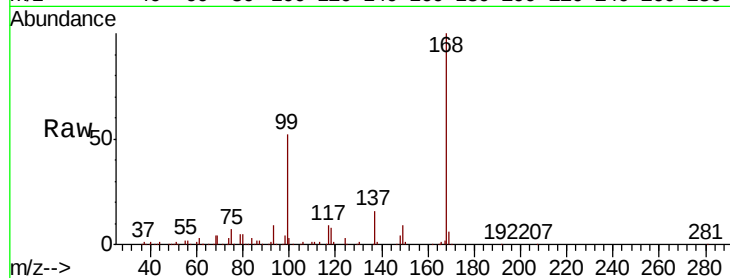
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 480308

Ion Ratio Lower Upper

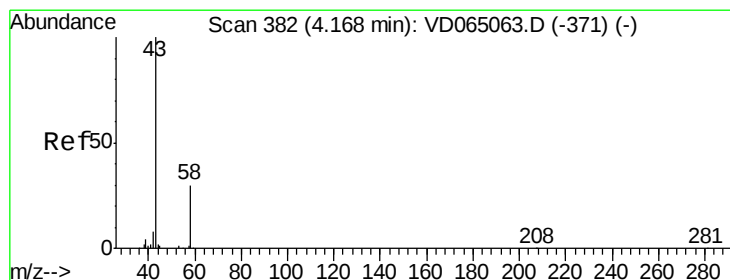
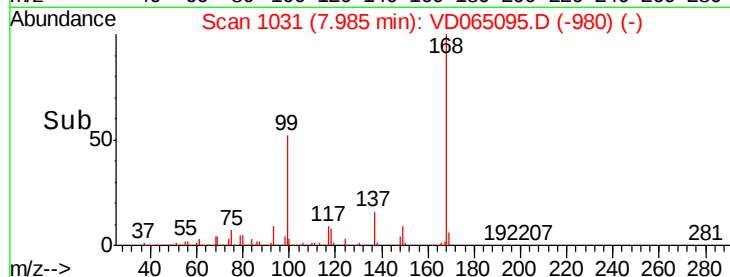
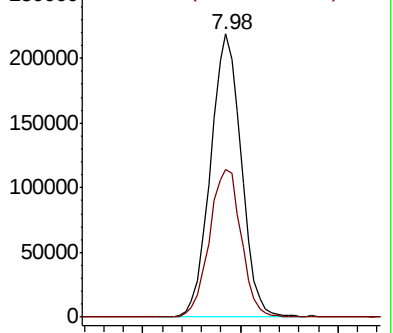
168 100

99 52.2 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: 50.747 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065095.D

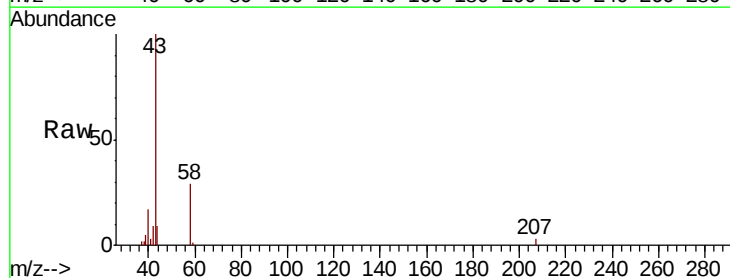
Acq: 06 Feb 2020 19:15

Tgt Ion: 43 Resp: 51794

Ion Ratio Lower Upper

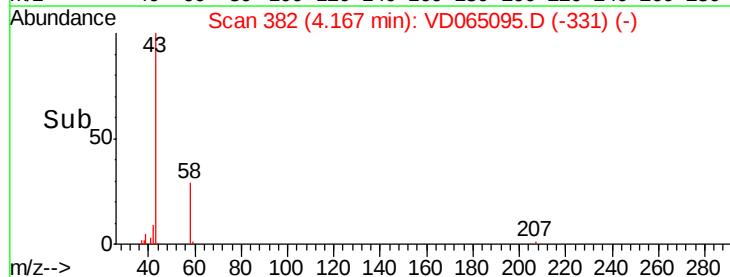
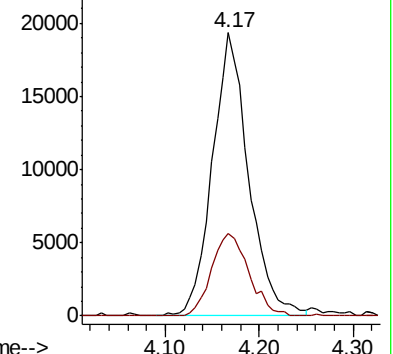
43 100

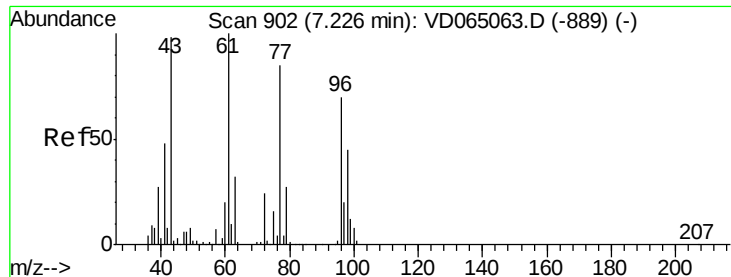
58 28.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 11.416 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD065095.D

Acq: 06 Feb 2020 19:15

Instrument :

MSVOA_D

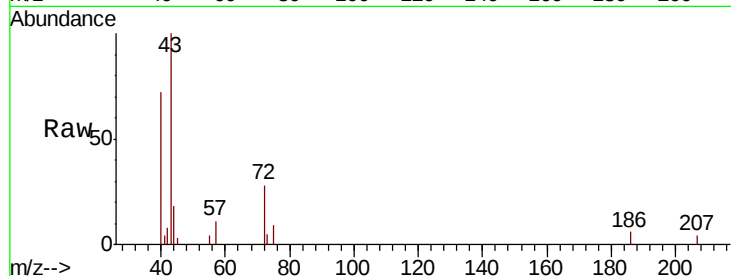
ClientSampled :

Tot Ion: 43 Resp: 13899

Ion Ratio Lower Upper

43 100

72 28.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.23

5000

4000

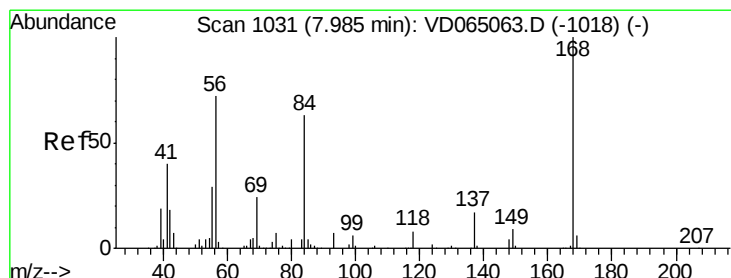
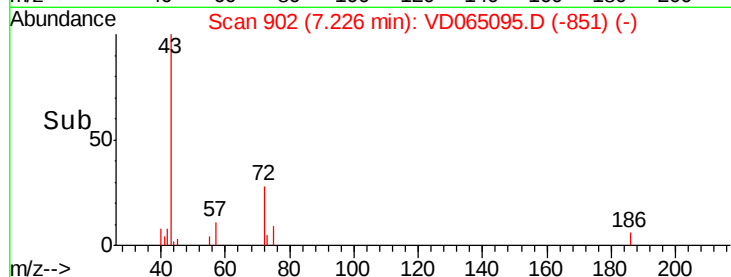
3000

2000

1000

0

Time--> 7.10 7.20 7.30



#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065095.D

Acq: 06 Feb 2020 19:15

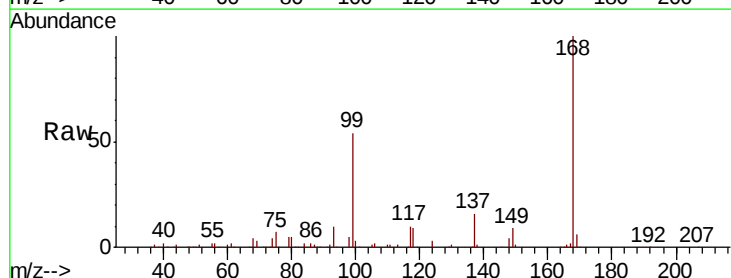
Tgt Ion: 56 Resp: 10020

Ion Ratio Lower Upper

56 100

69 150.4 26.6 40.0#

84 100.6 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

10000

8000

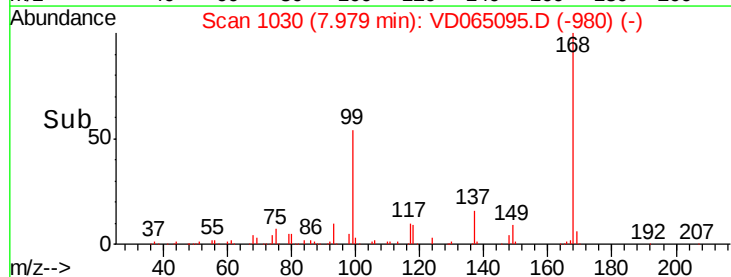
6000

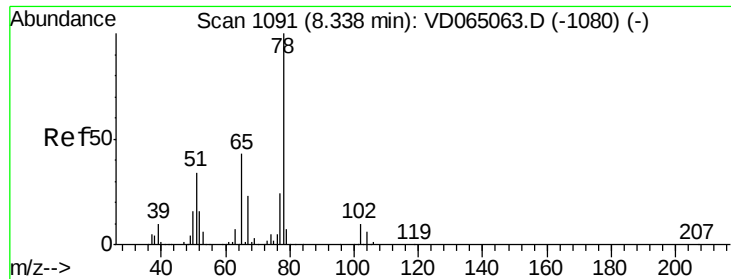
4000

2000

0

Time--> 7.90 7.95 8.00 8.05

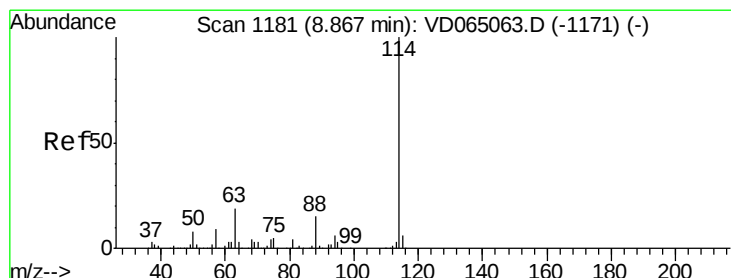
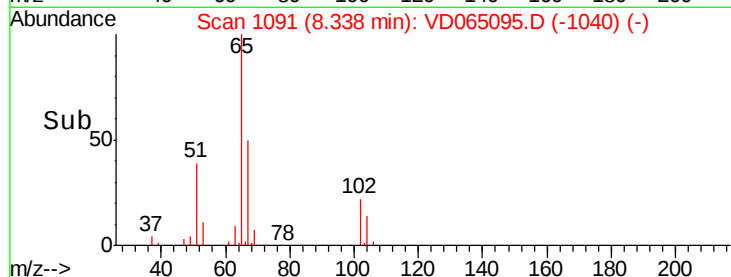
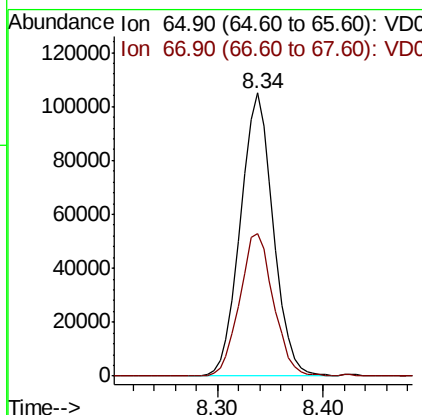
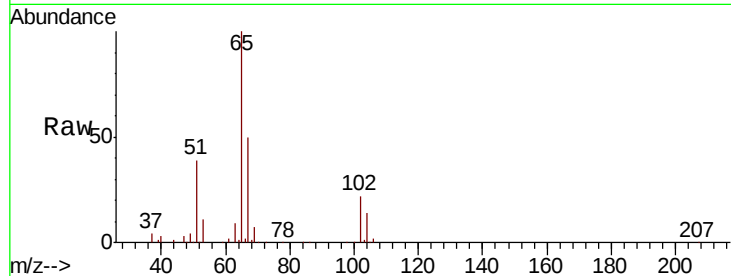




#33
 1,2-Dichloroethane-d4
 Concen: 55.579 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065095.D
 Acq: 06 Feb 2020 19:15

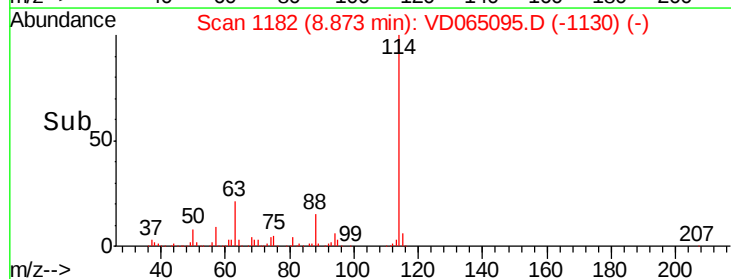
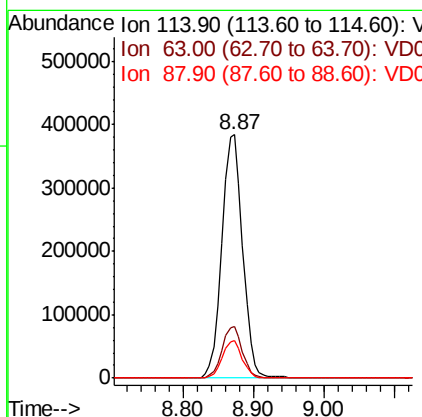
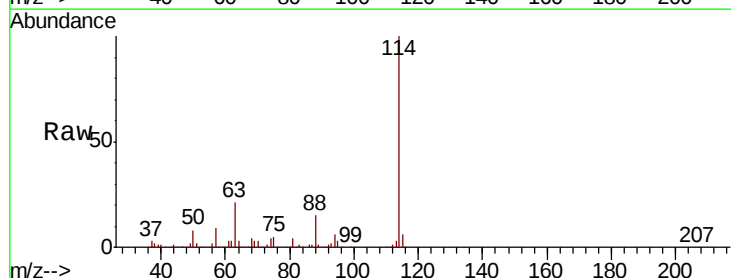
Instrument :
 MSVOA_D
 ClientSampled :

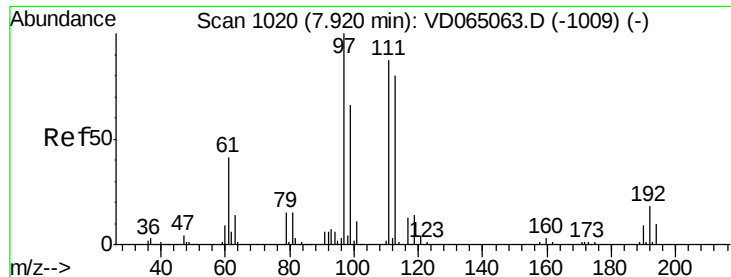
Tot Ion: 65 Resp: 226883
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065095.D
 Acq: 06 Feb 2020 19:15

Tgt Ion: 114 Resp: 784882
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 38.8
 88 15.3 0.0 29.6

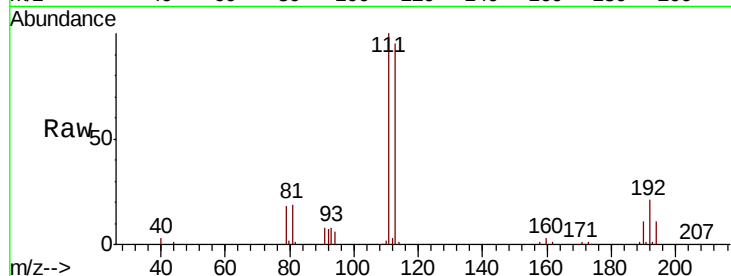




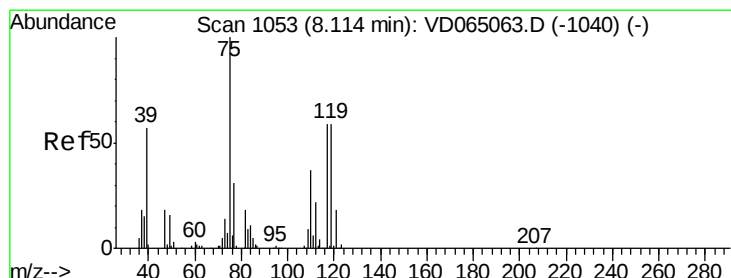
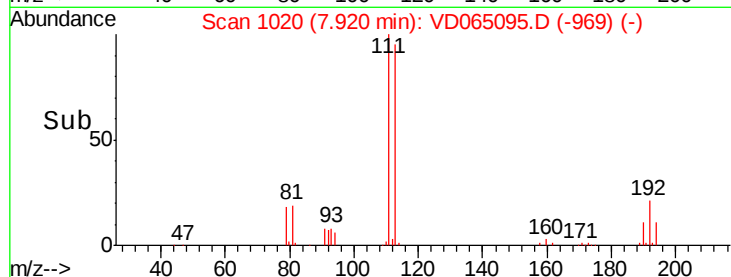
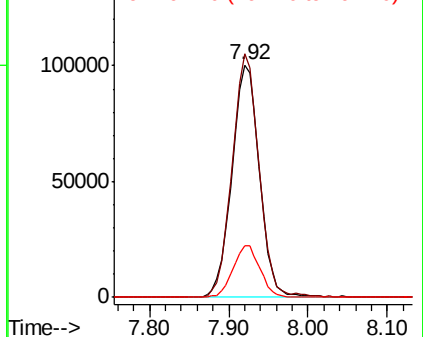
#35
Dibromofluoromethane
Concen: 55.027 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.1	124.7
192	21.9	18.1	27.1

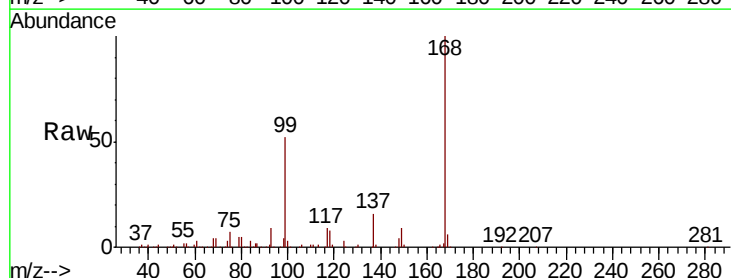


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

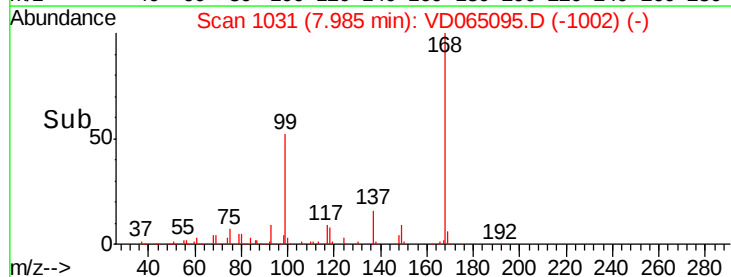
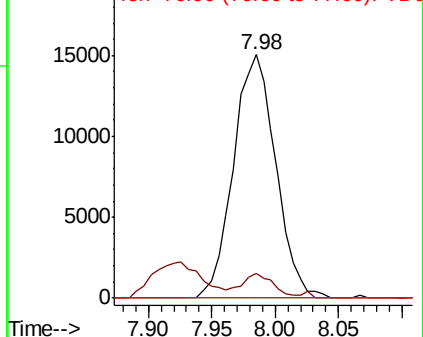


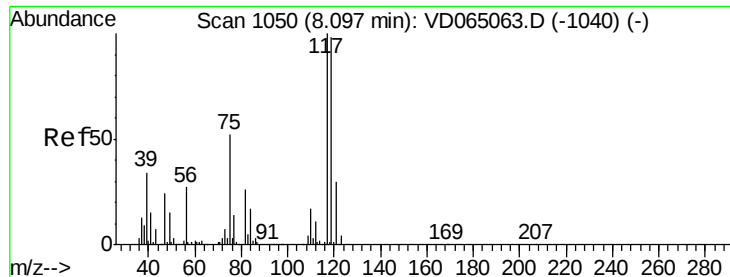
#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.13 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.5	18.1	54.3#
77	0.0	24.7	37.1#



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

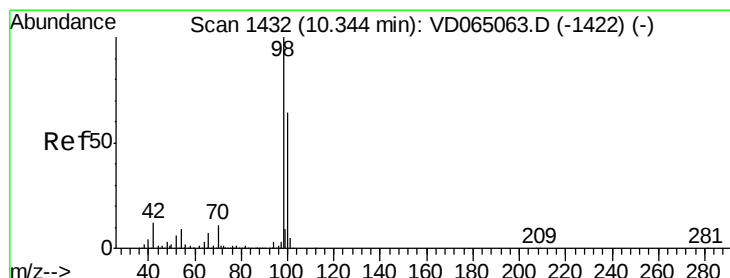
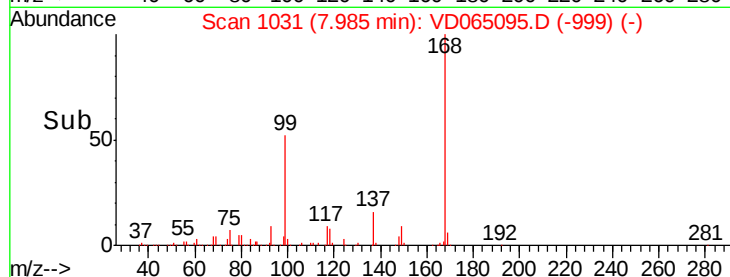
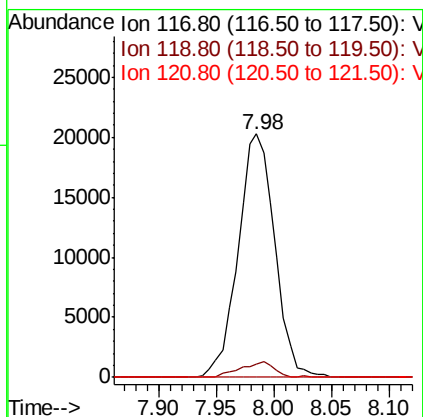
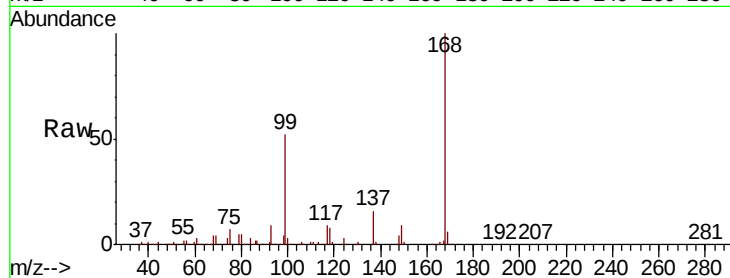




#38
Carbon Tetrachloride
Concen: 5.984 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

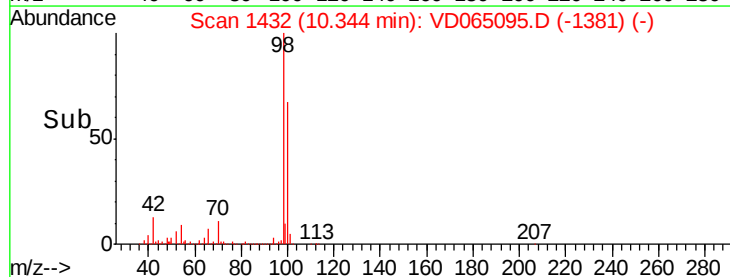
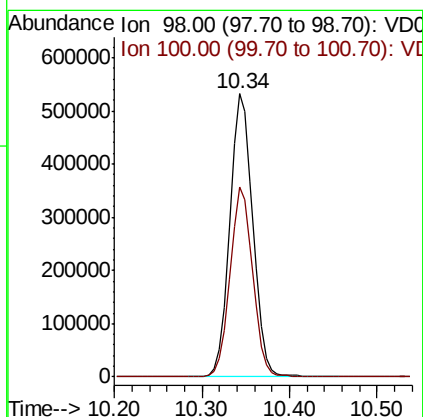
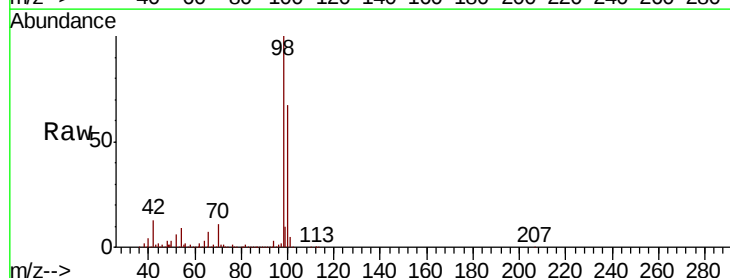
Instrument :
MSVOA_D
ClientSampled :

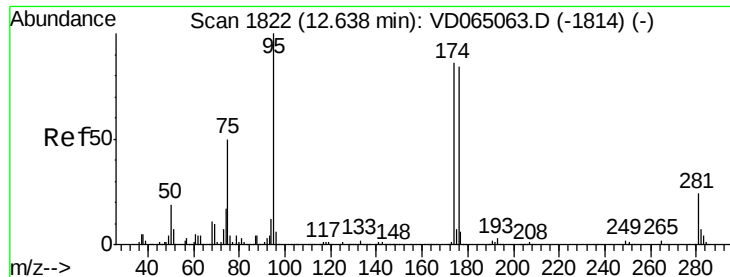
Tot Ion:117 Resp: 44605
Ion Ratio Lower Upper
117 100
119 5.4 78.5 117.7#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 54.587 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Tgt Ion: 98 Resp: 951477
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

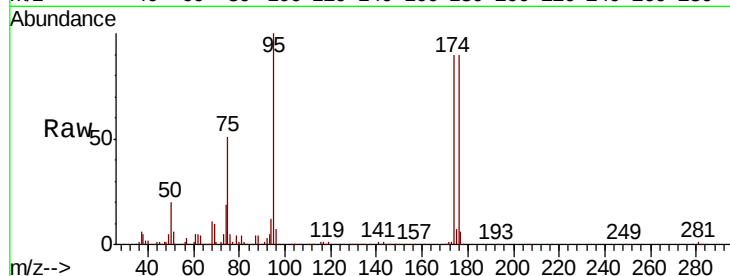




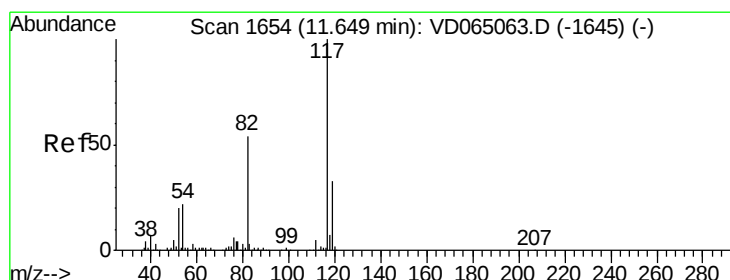
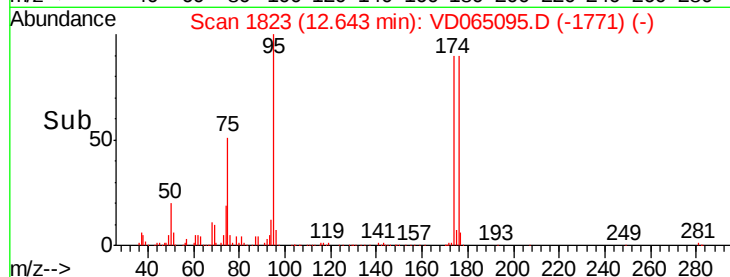
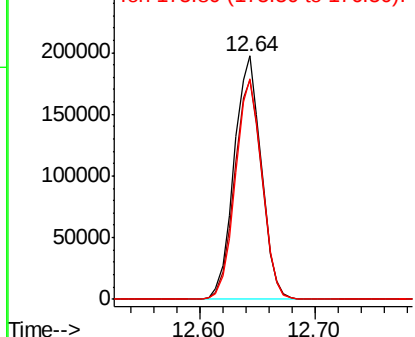
#62
4-Bromofluorobenzene
Concen: 58.079 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 320773
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.0
176 88.6 0.0 173.2

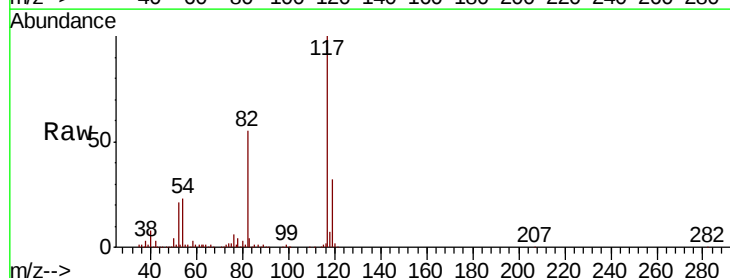


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

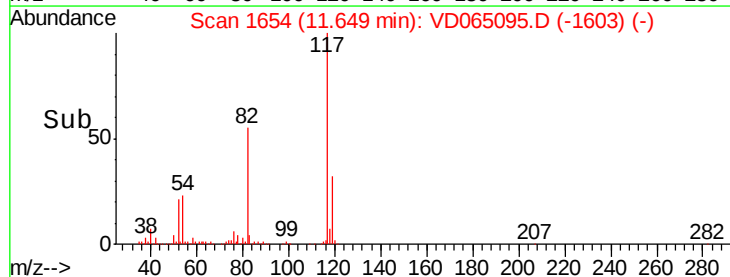
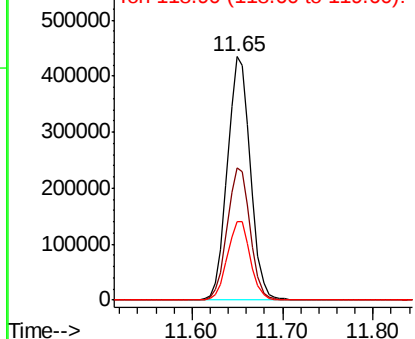


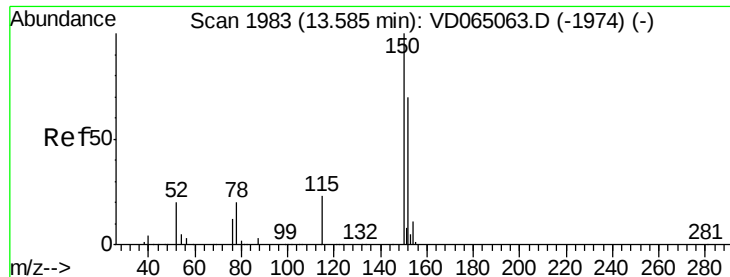
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Tgt Ion: 117 Resp: 766460
Ion Ratio Lower Upper
117 100
82 54.6 43.1 64.7
119 32.2 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



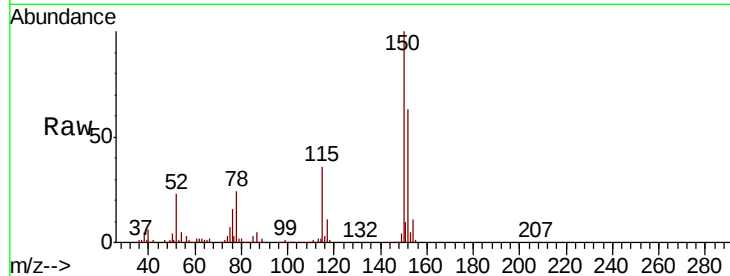


#72

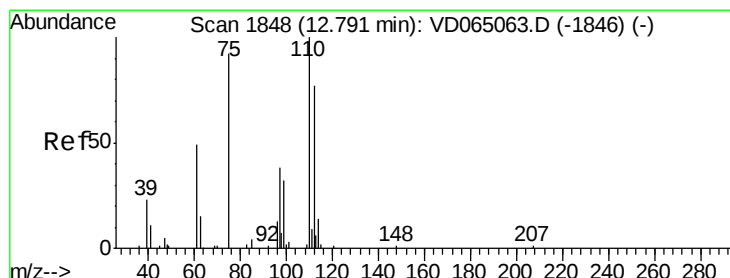
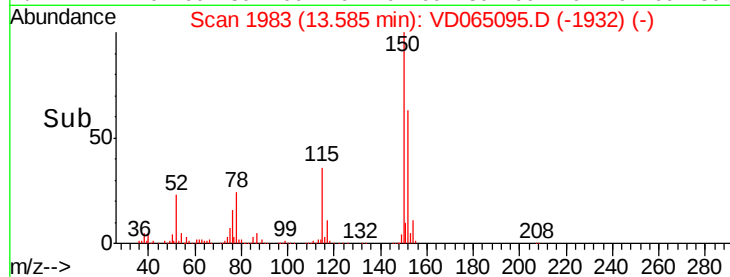
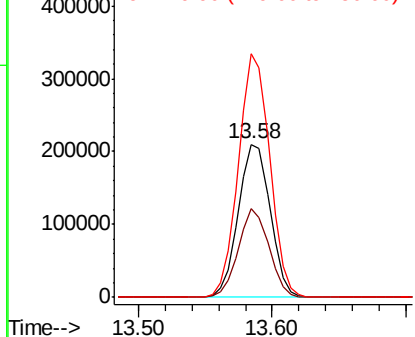
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 346701
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.4
150 156.3 0.0 343.2



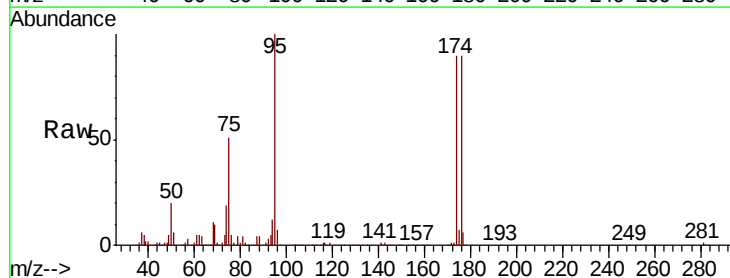
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



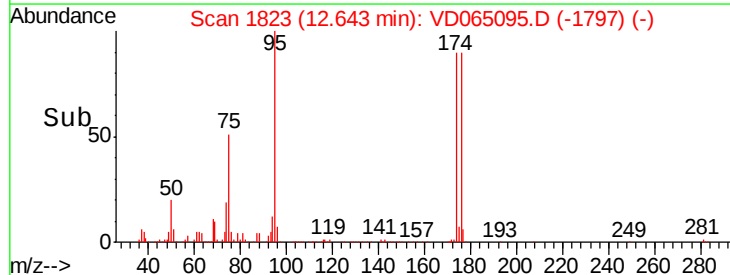
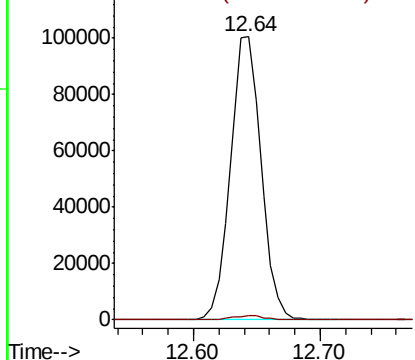
#76

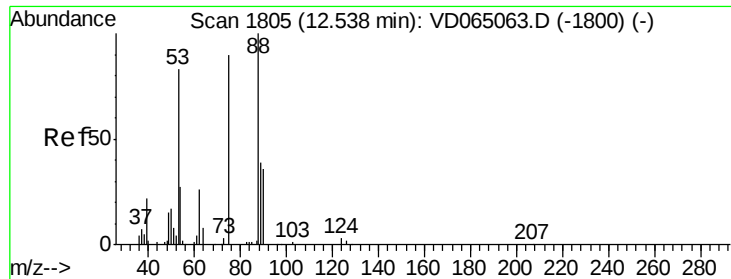
1,2,3-Trichloropropane
Concen: 63.777 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Tgt Ion: 75 Resp: 167408
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: 127.549 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065095.D

Acq: 06 Feb 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

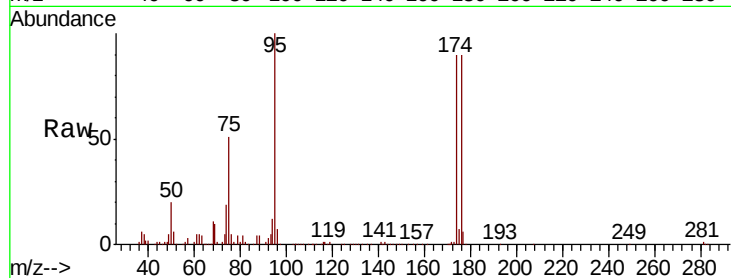
Tot Ion: 75 Resp: 167408

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

