

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065167.D
 Acq On : 12 Feb 2020 17:14
 Operator : VA/SY
 Sample : L1510-03RE
 Misc : 6.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 13 06:01:04 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

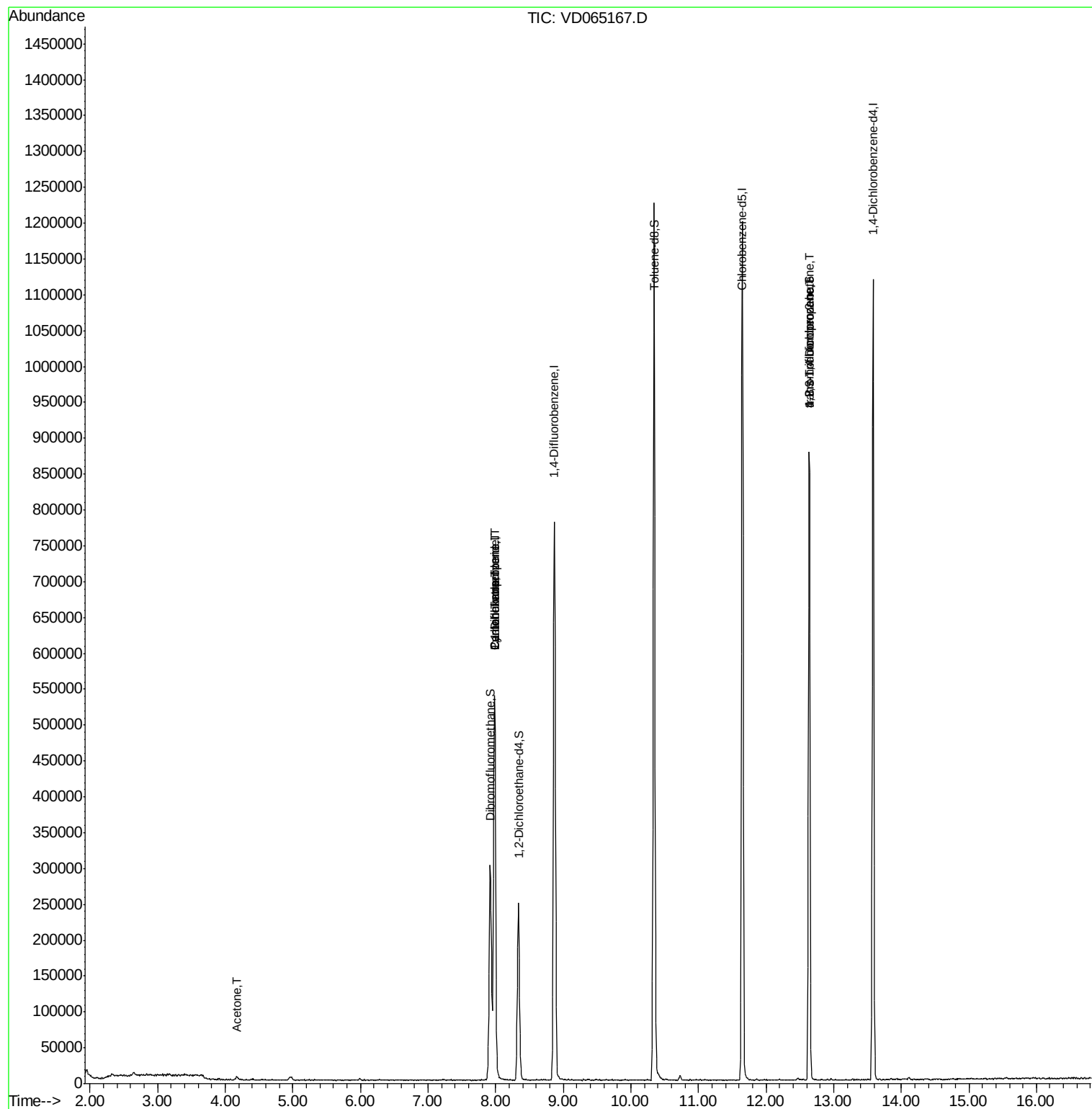
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	416475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	682869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	679231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	198434	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
35) Dibromofluoromethane	7.92	113	214152	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
50) Toluene-d8	10.34	98	818938	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.64	95	277196	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.38%	
Target Compounds						
16) Acetone	4.17	43	6934	7.835	ug/l	89
20) Methylene Chloride	4.97	84	3525	Below Cal	#	95
31) Cyclohexane	7.98	56	8425	1.196	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	31252	4.922	ug/l #	49
38) Carbon Tetrachloride	7.98	117	38815	5.985	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	140992	64.093	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	140992	128.180	ug/l #	10

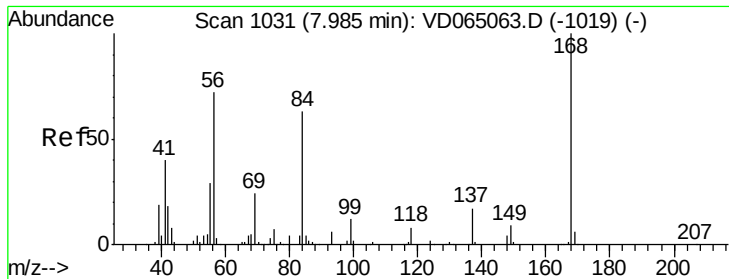
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065167.D

Acq: 12 Feb 2020 17:14

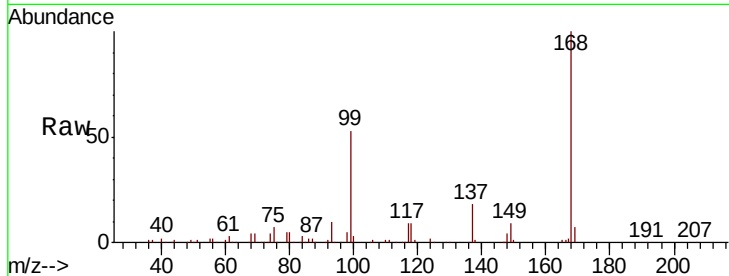
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 416475

Ion Ratio Lower Upper

168 100

99 52.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

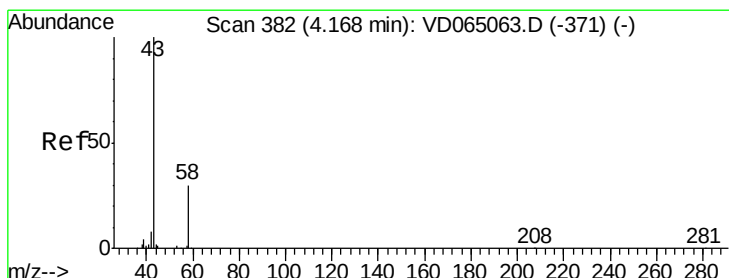
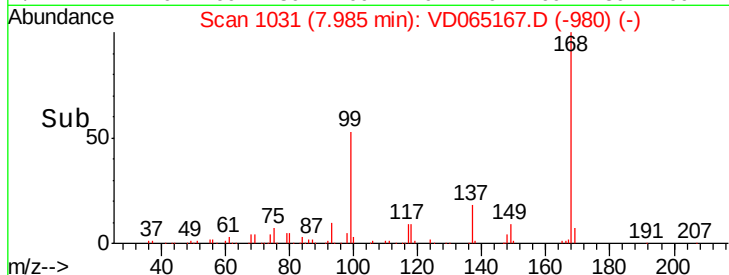
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.835 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065167.D

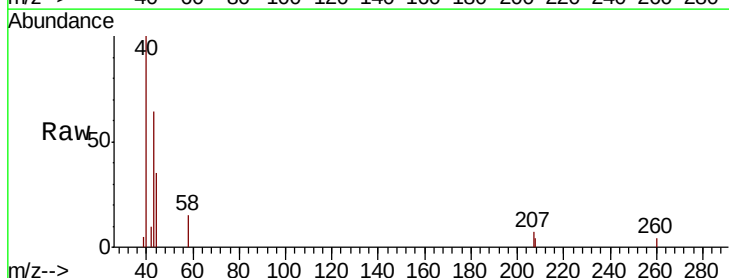
Acq: 12 Feb 2020 17:14

Tgt Ion: 43 Resp: 6934

Ion Ratio Lower Upper

43 100

58 23.7 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

3000

2500

2000

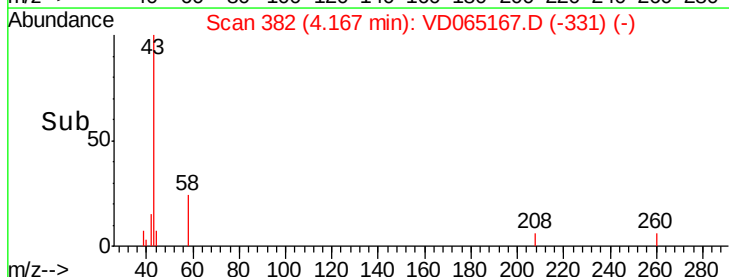
1500

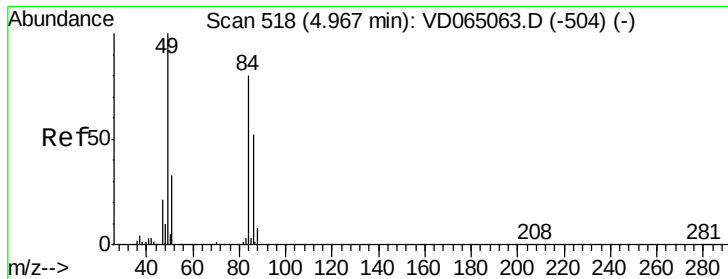
1000

500

0

Time-->



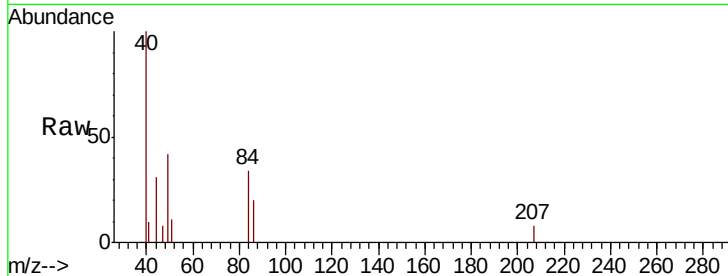


#20

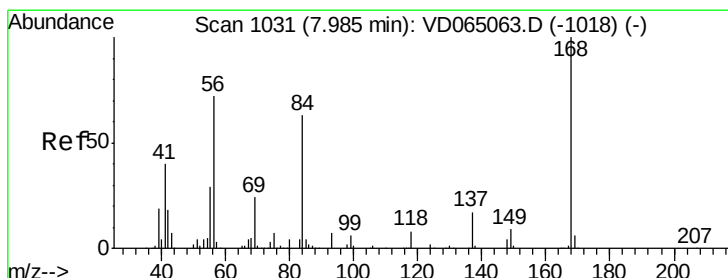
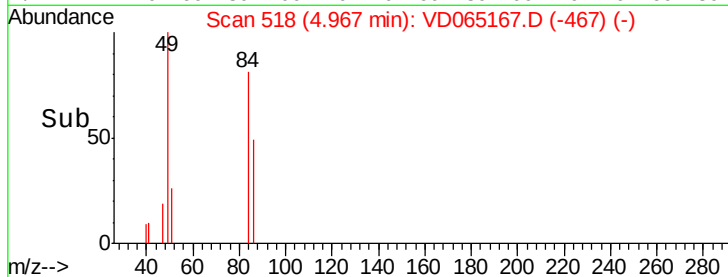
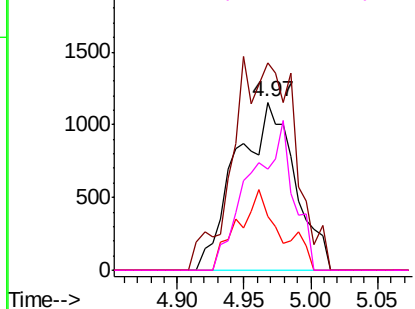
Methylene Chloride
 Concen: Below Cal
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD065167.D
 Acq: 12 Feb 2020 17:14

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 84 Resp: 3525
 Ion Ratio Lower Upper
 84 100
 49 123.3 100.4 150.6
 51 32.2 32.7 49.1#
 86 60.1 52.4 78.6



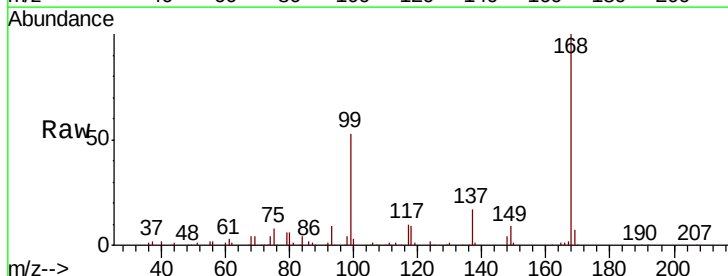
Abundance Ion 83.90 (83.60 to 84.60): VDC
 Ion 48.90 (48.60 to 49.60): VDC
 Ion 50.90 (50.60 to 51.60): VDC
 Ion 85.90 (85.60 to 86.60): VDC



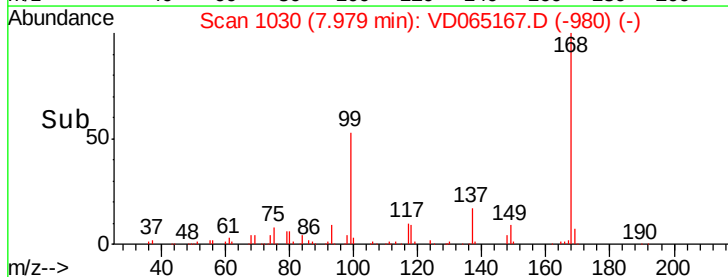
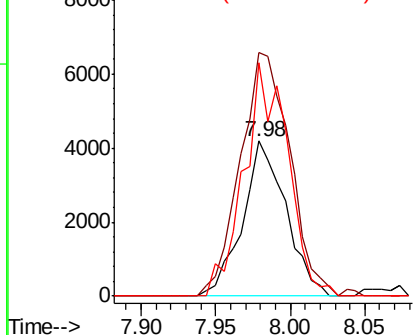
#31

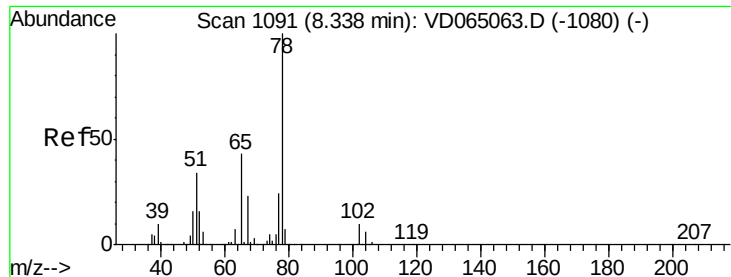
Cyclohexane
 Concen: 1.196 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VD065167.D
 Acq: 12 Feb 2020 17:14

Tgt Ion: 56 Resp: 8425
 Ion Ratio Lower Upper
 56 100
 69 157.3 26.6 40.0#
 84 150.6 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

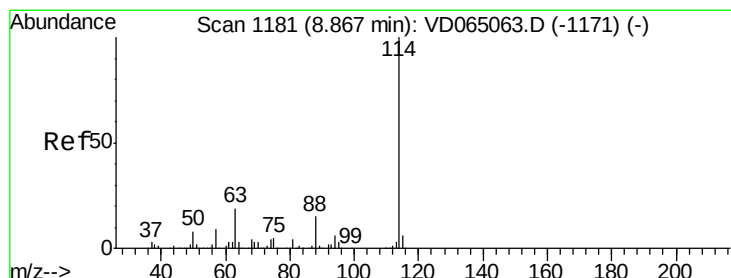
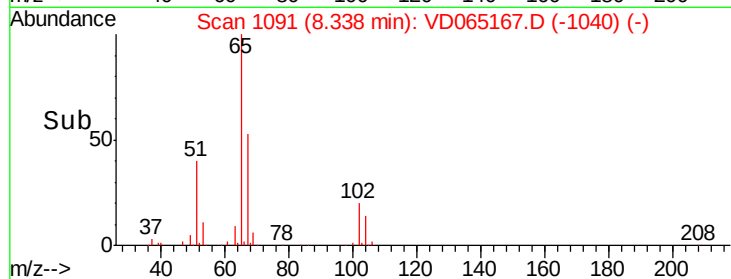
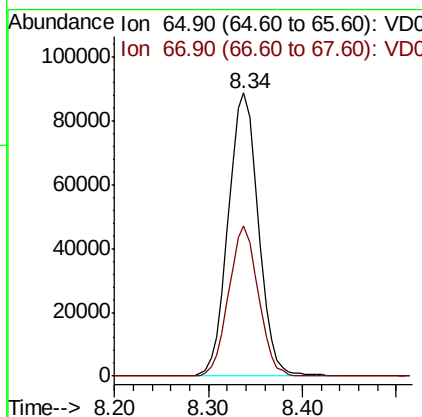
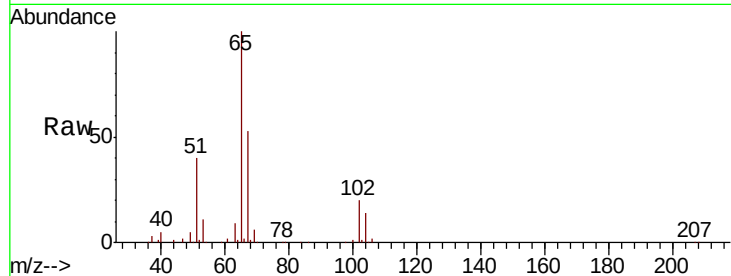




#33
 1,2-Dichloroethane-d4
 Concen: 56.060 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065167.D
 Acq: 12 Feb 2020 17:14

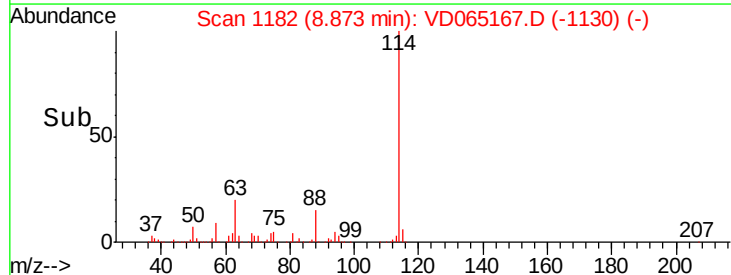
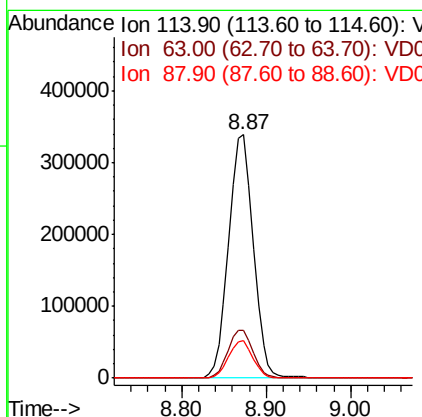
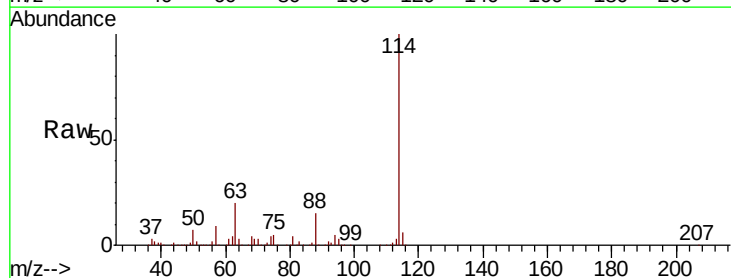
Instrument :
 MSVOA_D
 ClientSampleId :

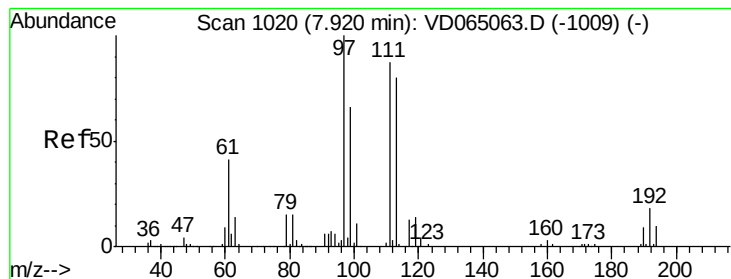
Tot Ion: 65 Resp: 198434
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065167.D
 Acq: 12 Feb 2020 17:14

Tgt Ion: 114 Resp: 682869
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 15.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 56.208 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065167.D

Acq: 12 Feb 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

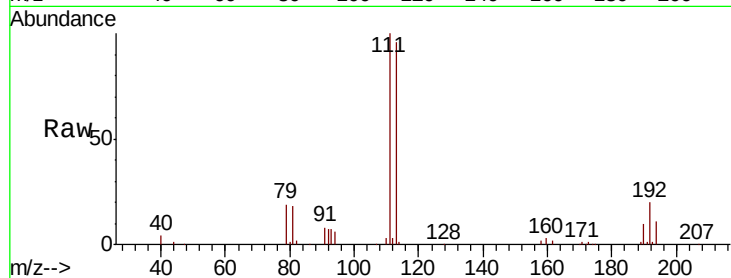
Tot Ion:113 Resp: 214152

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

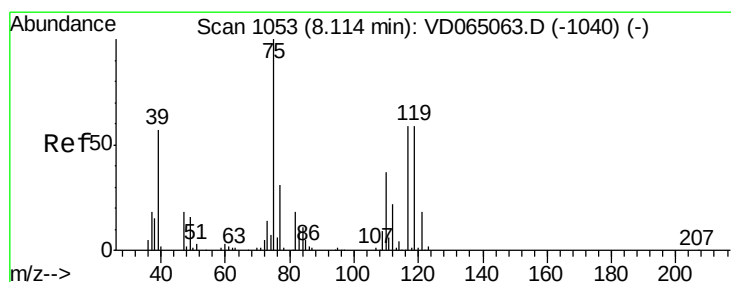
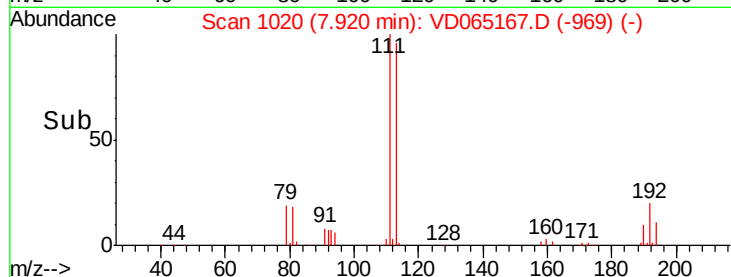
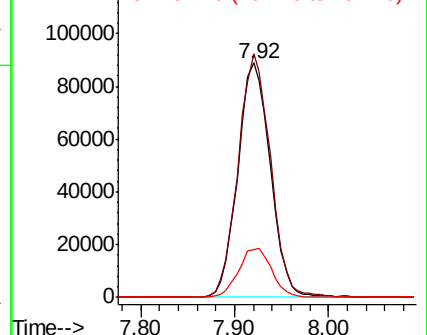
192 21.2 18.1 27.1



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: 4.922 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065167.D

Acq: 12 Feb 2020 17:14

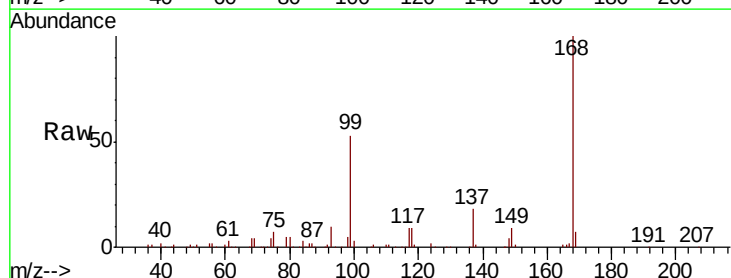
Tgt Ion: 75 Resp: 31252

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

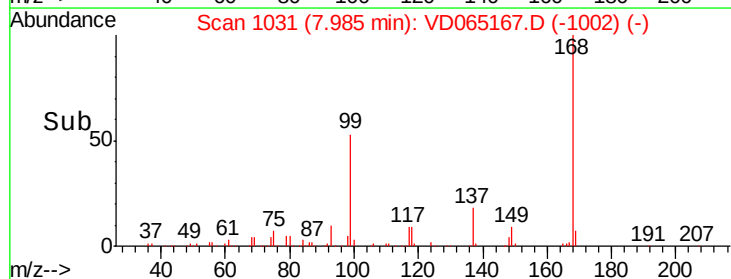
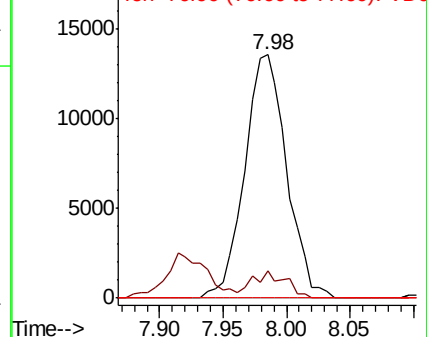
77 0.0 24.7 37.1#

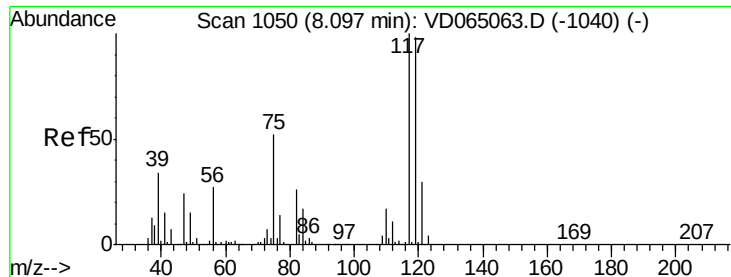


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

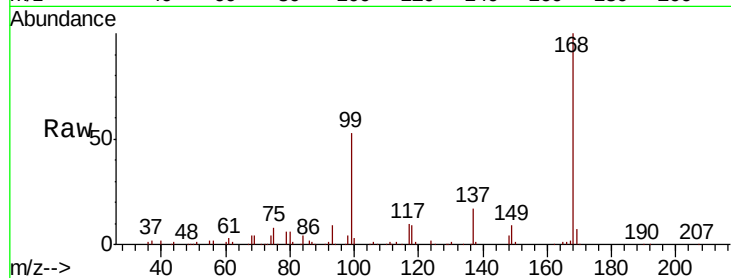




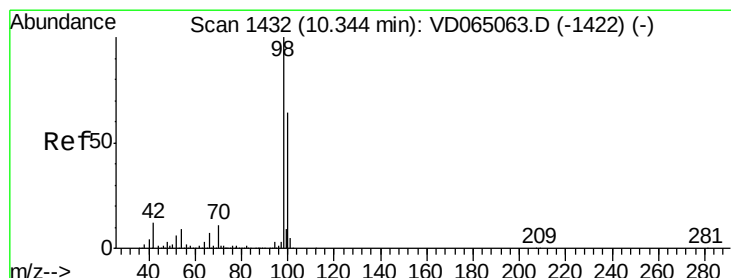
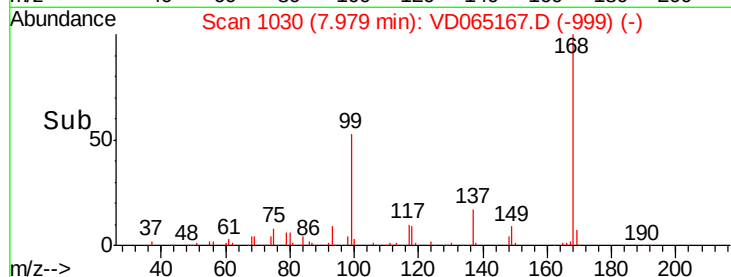
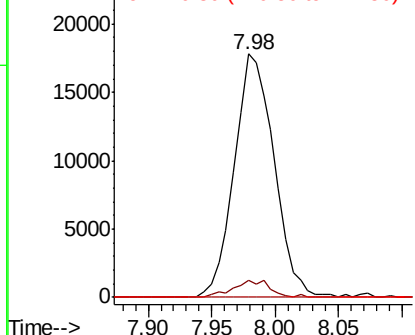
#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065167.D
Acq: 12 Feb 2020 17:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 38815
Ion Ratio Lower Upper
117 100
119 6.8 78.5 117.7#
121 0.0 23.8 35.6#

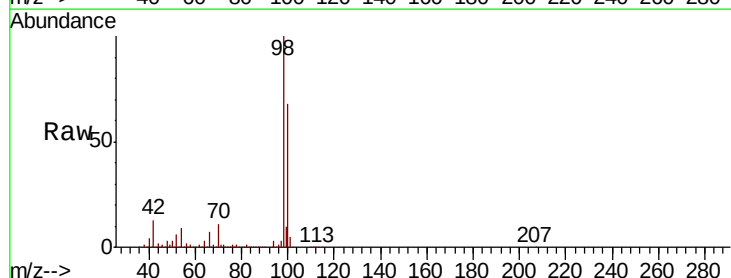


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

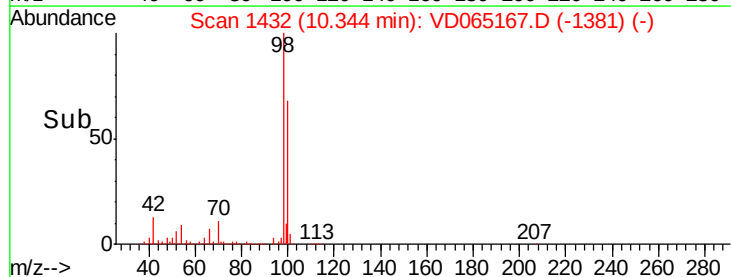
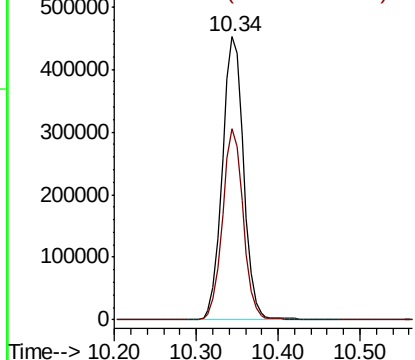


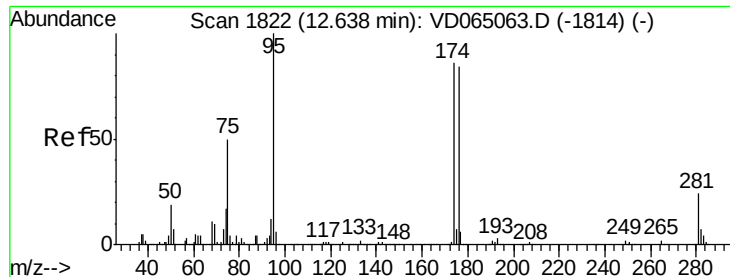
#50
Toluene-d8
Concen: 54.002 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065167.D
Acq: 12 Feb 2020 17:14

Tgt Ion: 98 Resp: 818938
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VD

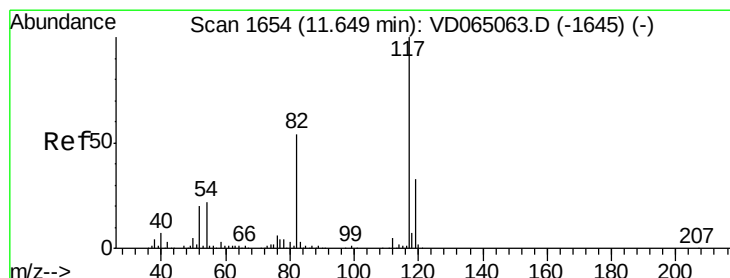
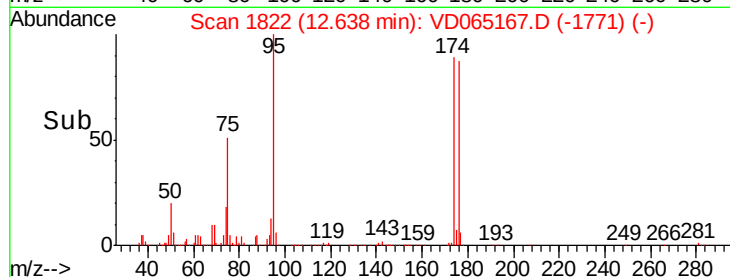
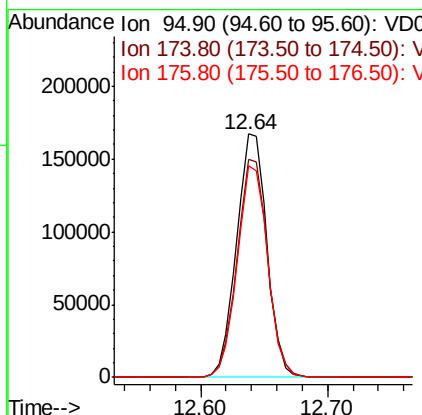
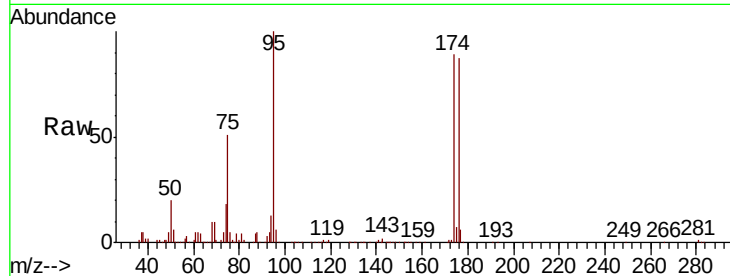




#62
4-Bromofluorobenzene
Concen: 57.687 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065167.D
Acq: 12 Feb 2020 17:14

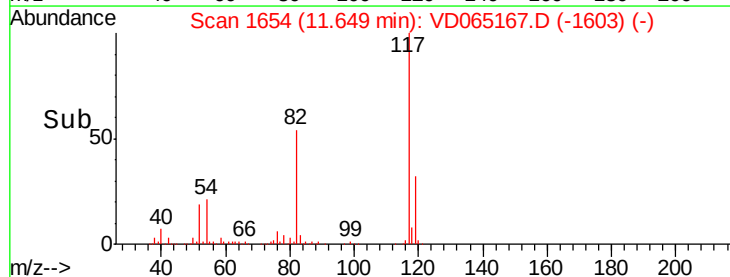
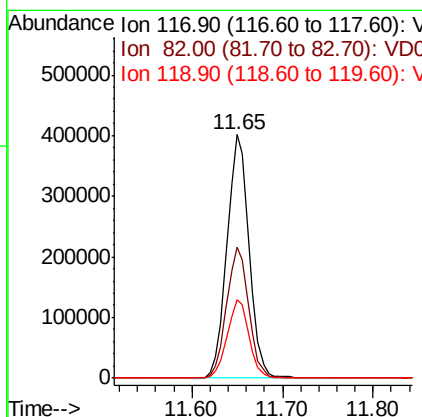
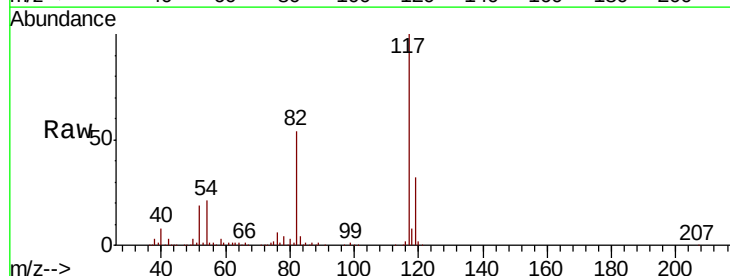
Instrument :
MSVOA_D
ClientSampled :

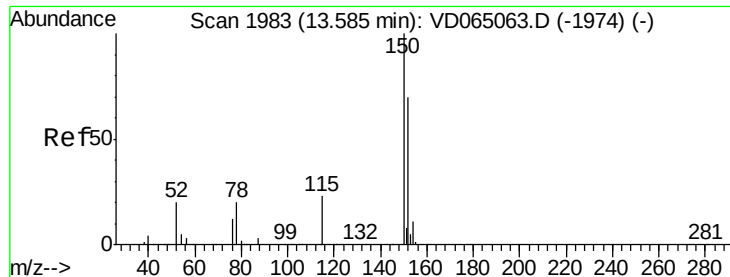
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	180.0
176	87.0	0.0	173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065167.D
Acq: 12 Feb 2020 17:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.1	64.7
119	32.3	26.0	39.0



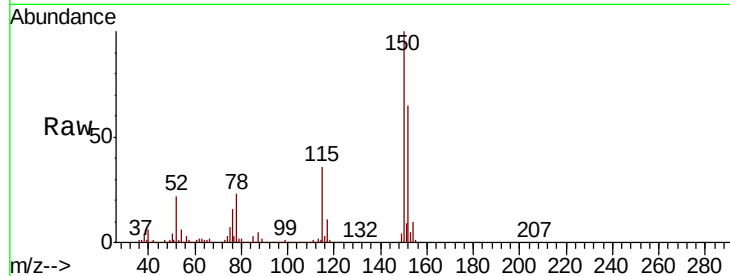


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065167.D
Acq: 12 Feb 2020 17:14

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.5	82.4
150	157.7	0.0	343.2

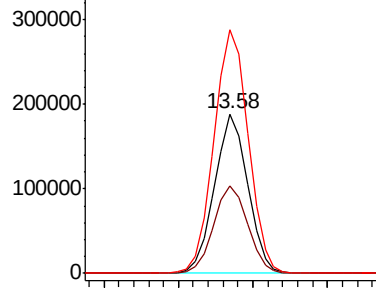


Abundance

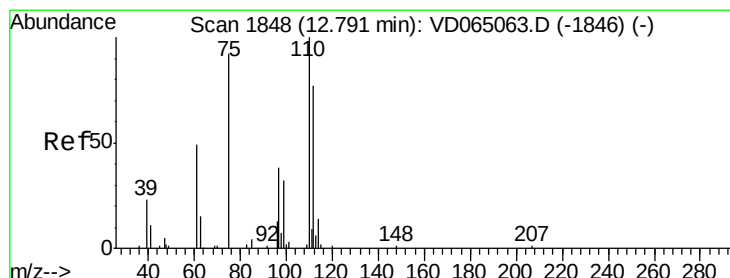
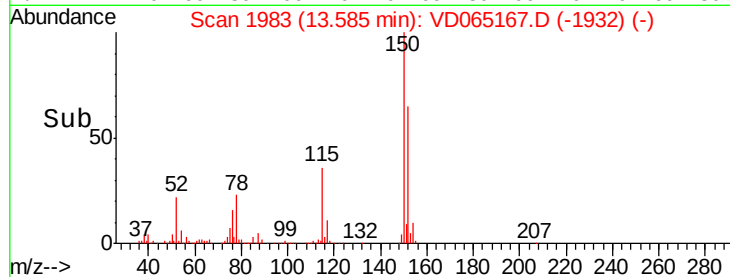
Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



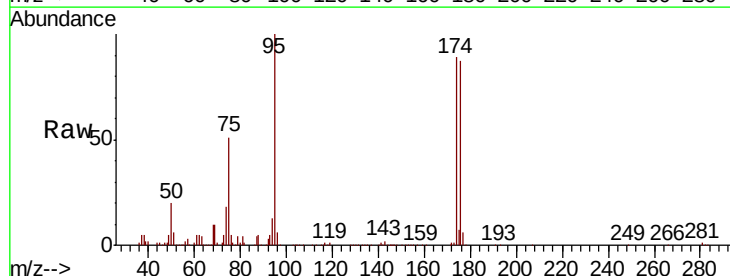
Time--> 13.50 13.55 13.60 13.65



#76

1,2,3-Trichloropropane
Concen: 64.093 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065167.D
Acq: 12 Feb 2020 17:14

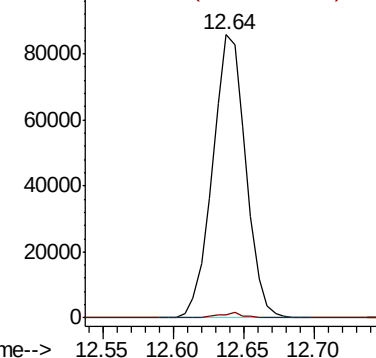
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



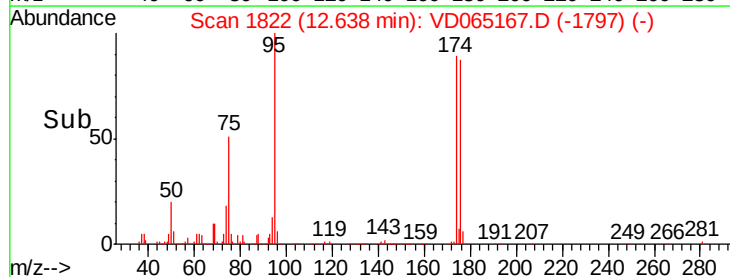
Abundance

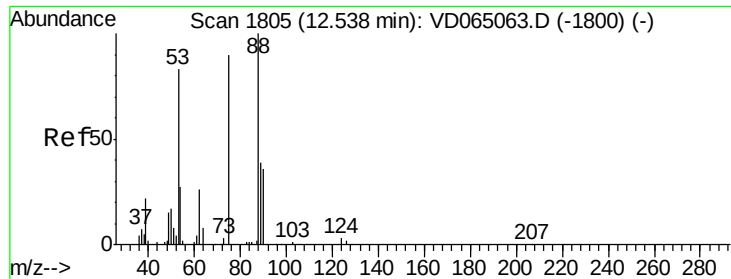
Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V



Time--> 12.55 12.60 12.65 12.70





#81

trans-1,4-Dichloro-2-butene

Concen: 128.180 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065167.D

Acq: 12 Feb 2020 17:14

Instrument :

MSVOA_D

ClientSampleId :

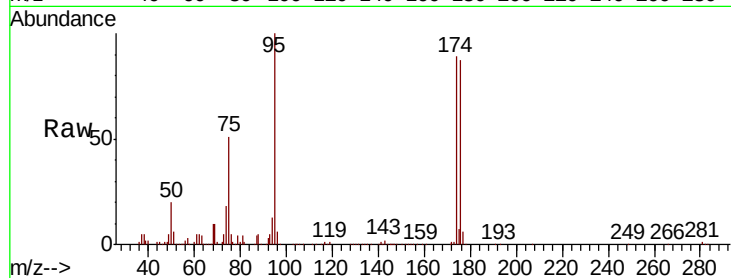
Tot Ion: 75 Resp: 140992

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.1 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

