

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065118.D
 Acq On : 07 Feb 2020 19:11
 Operator : VA/SY
 Sample : L1403-12
 Misc : 8.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:09:27 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

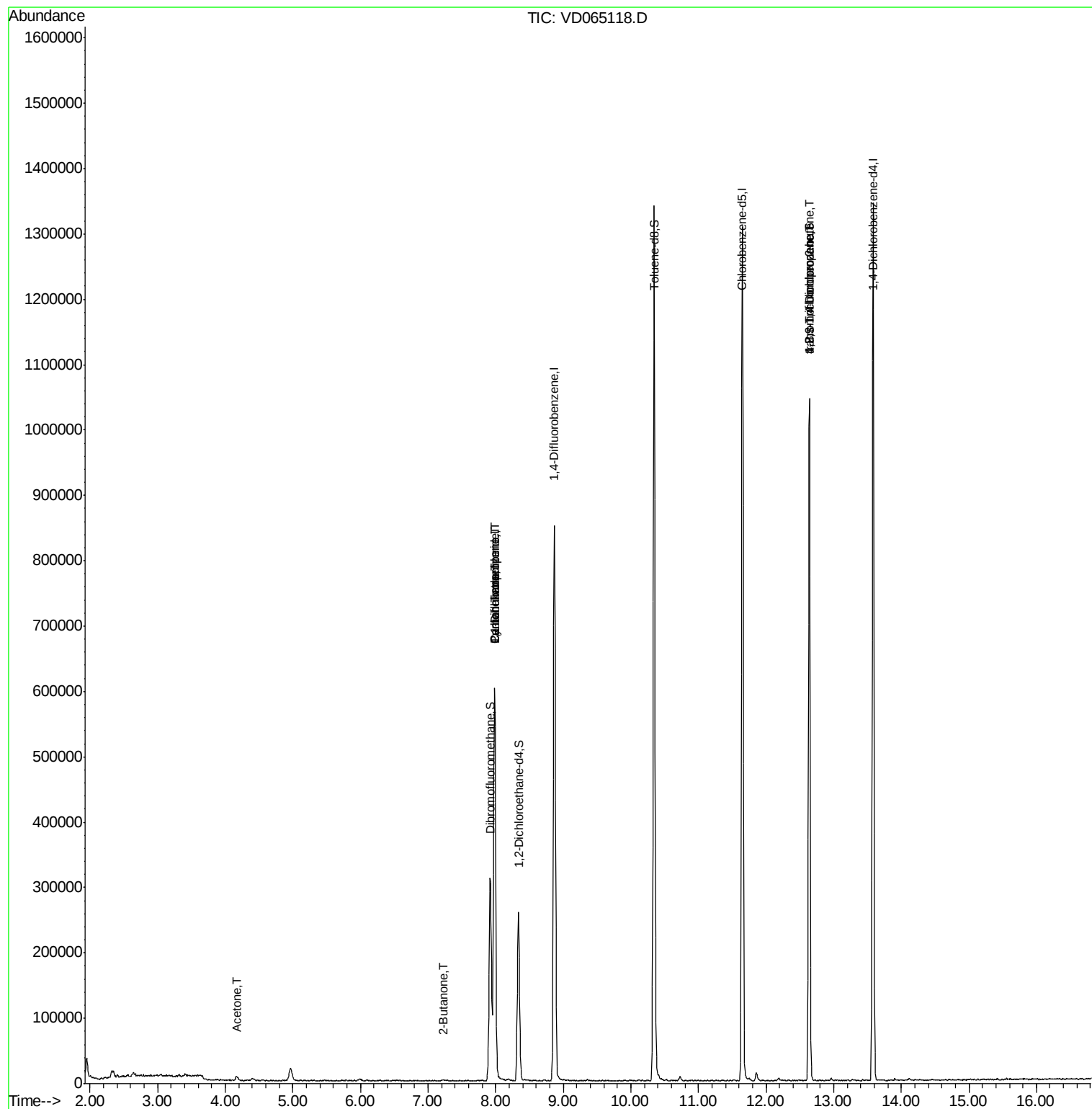
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	459513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	734445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	750071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	213019	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
35) Dibromofluoromethane	7.92	113	222489	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
50) Toluene-d8	10.34	98	902704	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
62) 4-Bromofluorobenzene	12.64	95	321350	62.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.36%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	10177	10.423	ug/l	100
20) Methylene Chloride	4.96	84	14577	Below Cal	#	82
25) 2-Butanone	7.23	43	1794	1.540	ug/l #	84
31) Cyclohexane	7.98	56	10493	1.351	ug/l #	10
36) 1,1-Dichloropropene	7.98	75	35254	5.162	ug/l #	48
38) Carbon Tetrachloride	7.98	117	44110	6.324	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	166999	62.358	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	166999	124.711	ug/l #	10

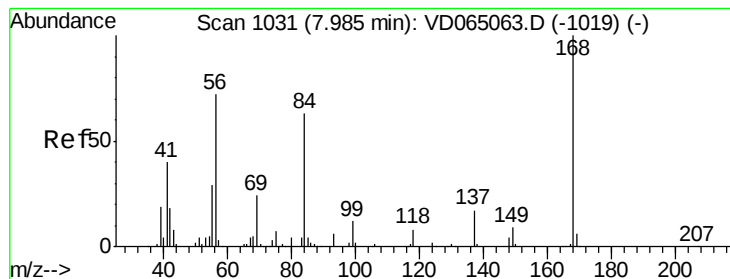
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 08 00:09:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
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: VD065118.D

Acq: 07 Feb 2020 19:11

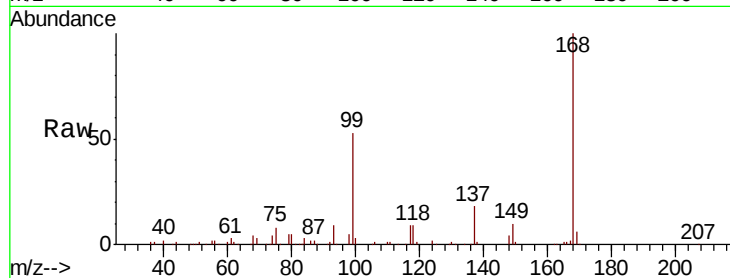
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 459513

Ion Ratio Lower Upper

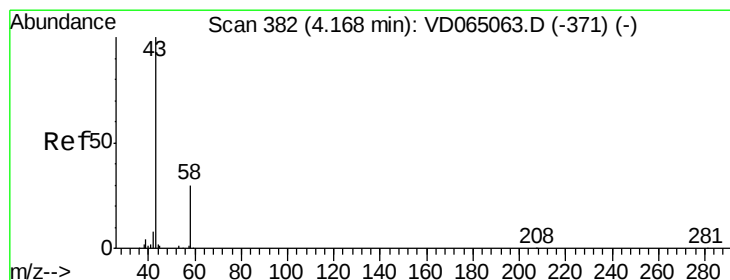
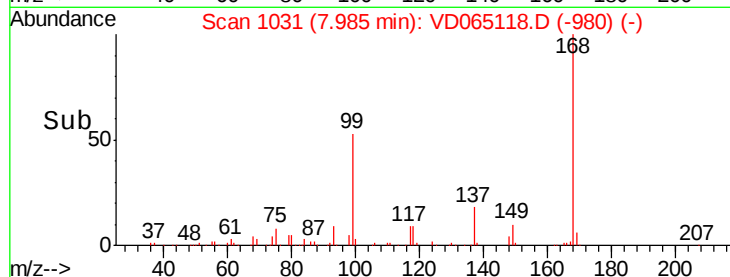
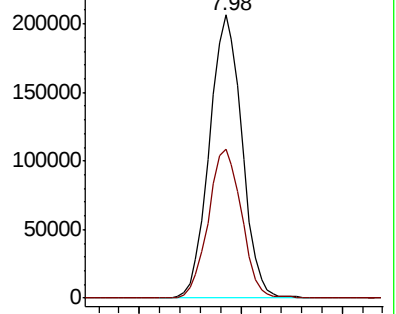
168 100

99 52.7 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: 10.423 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065118.D

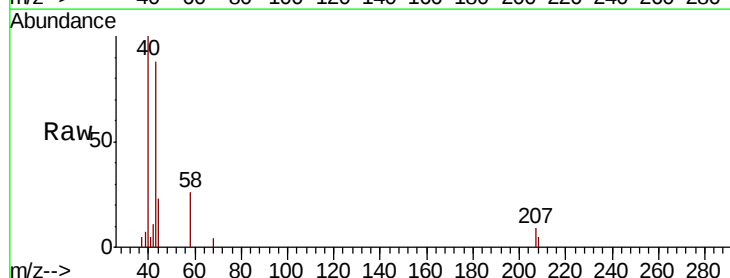
Acq: 07 Feb 2020 19:11

Tgt Ion: 43 Resp: 10177

Ion Ratio Lower Upper

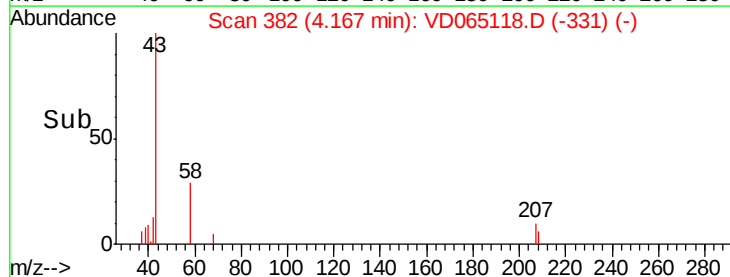
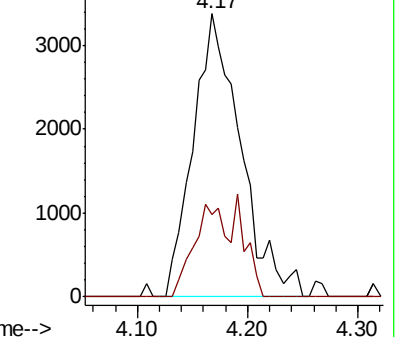
43 100

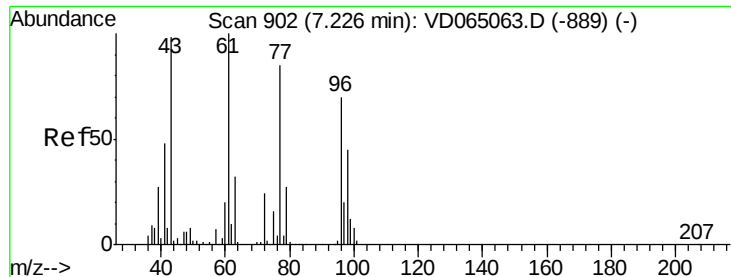
58 29.3 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

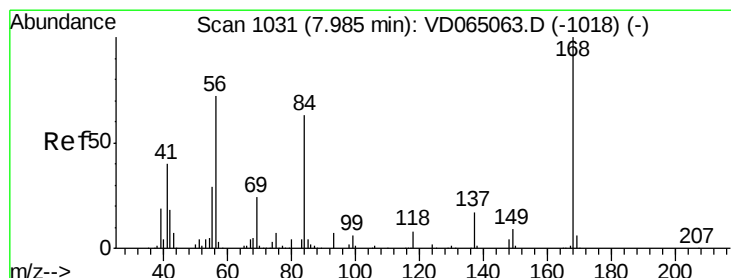
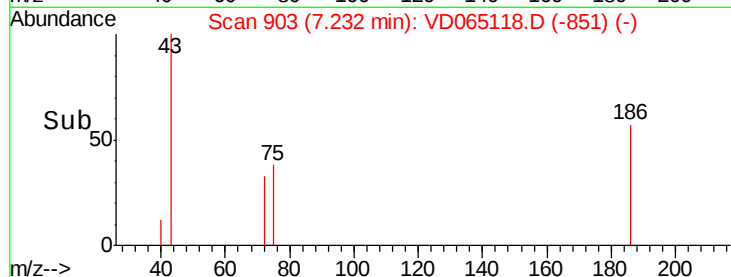
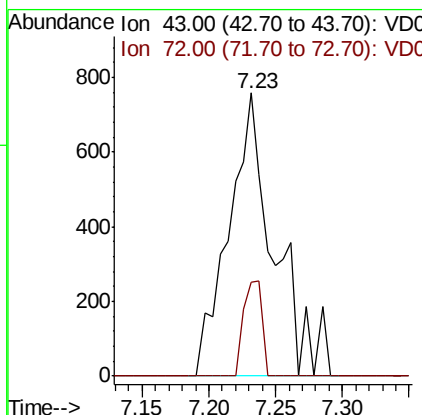
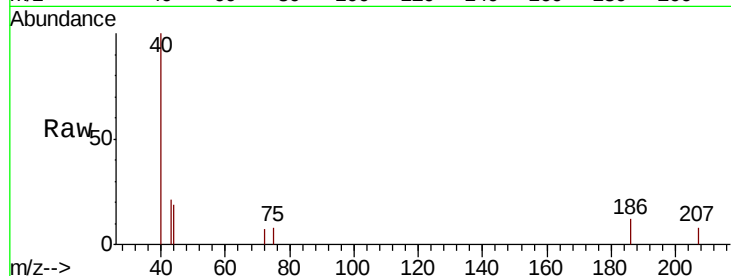




#25
2-Butanone
Concen: 1.540 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD065118.D
Acq: 07 Feb 2020 19:11

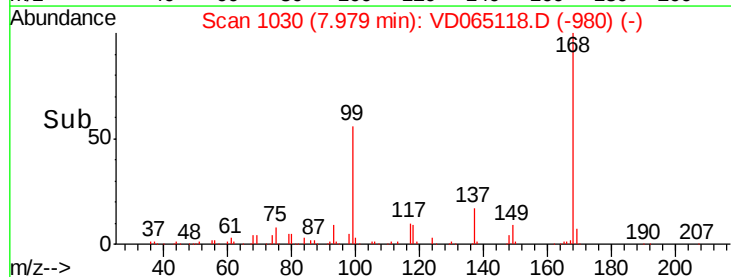
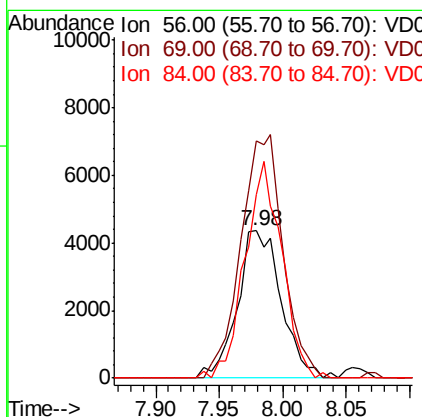
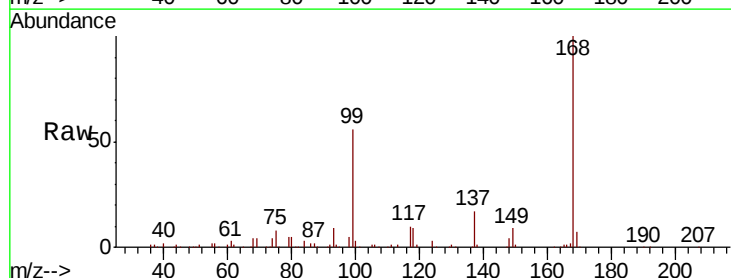
Instrument :
MSVOA_D
ClientSampled :

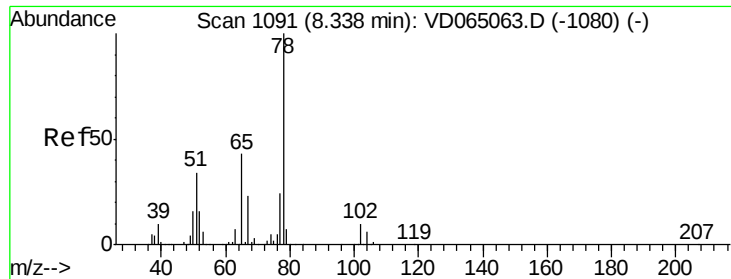
Tot Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
72 33.1 19.9 29.9#



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065118.D
Acq: 07 Feb 2020 19:11

Tgt Ion: 56 Resp: 10493
Ion Ratio Lower Upper
56 100
69 161.0 26.6 40.0#
84 124.4 70.6 106.0#





#33

1,2-Dichloroethane-d4

Concen: 54.544 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065118.D

Acq: 07 Feb 2020 19:11

Instrument :

MSVOA_D

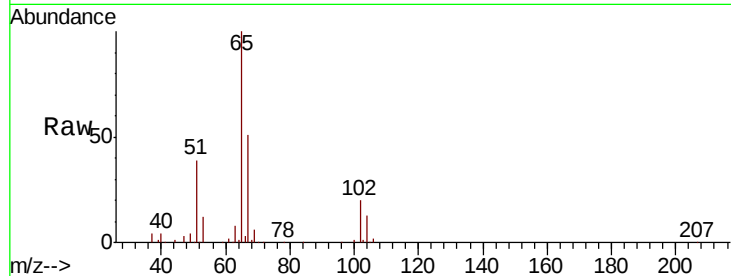
ClientSampleId :

Tot Ion: 65 Resp: 213019

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

60000

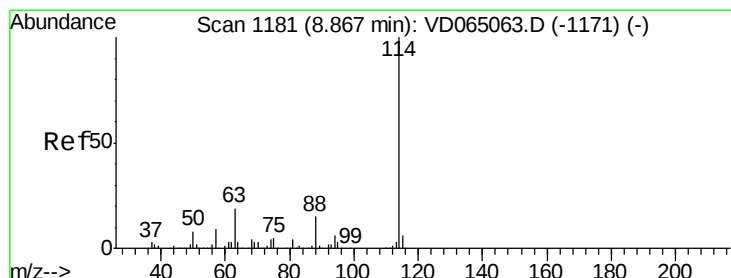
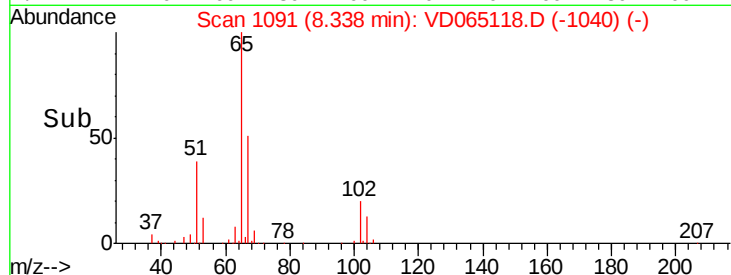
40000

20000

0

8.20 8.30 8.40 8.50

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065118.D

Acq: 07 Feb 2020 19:11

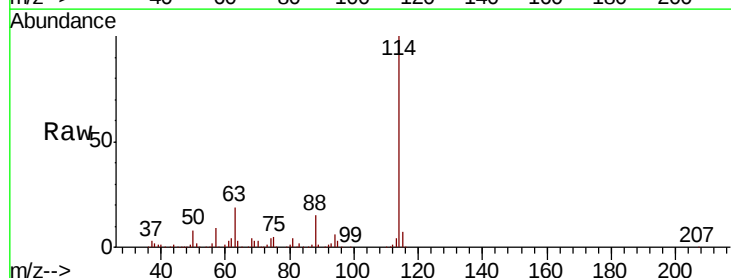
Tgt Ion: 114 Resp: 734445

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 14.8 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

300000

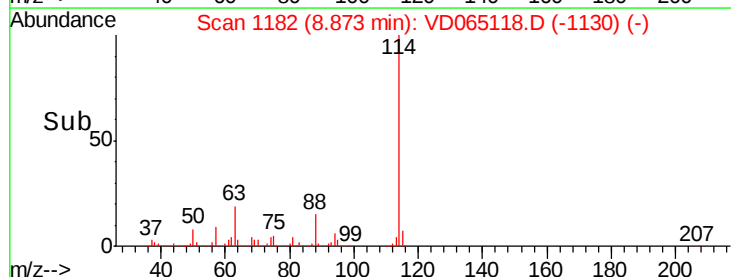
200000

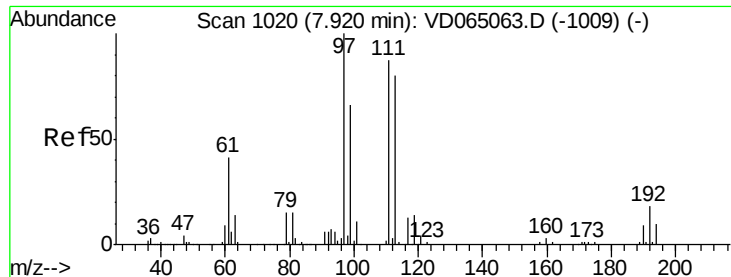
100000

0

8.80 8.90 9.00

Time-->

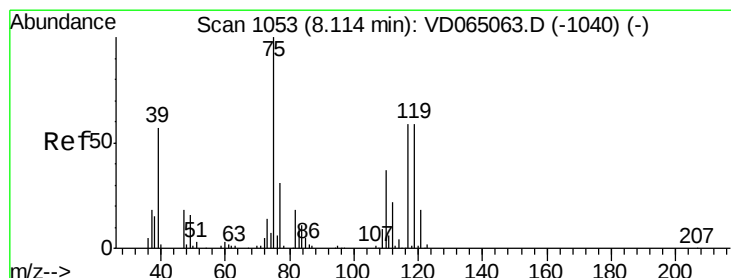
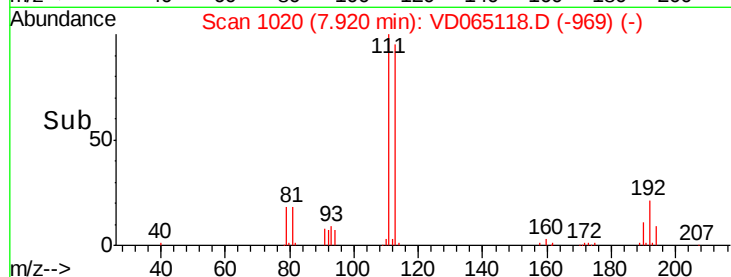
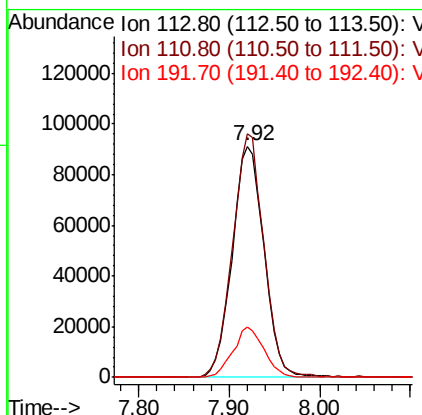
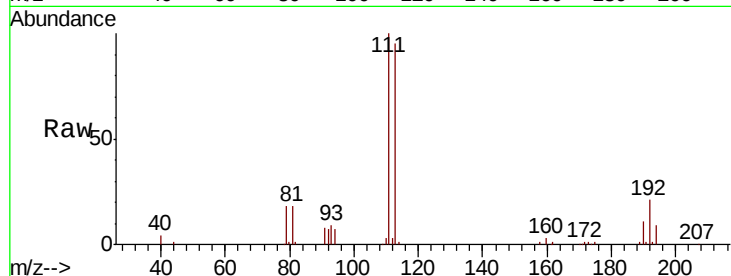




#35
 Dibromofluoromethane
 Concen: 54.295 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065118.D
 Acq: 07 Feb 2020 19:11

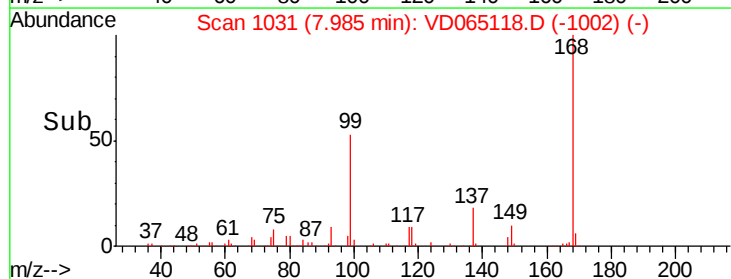
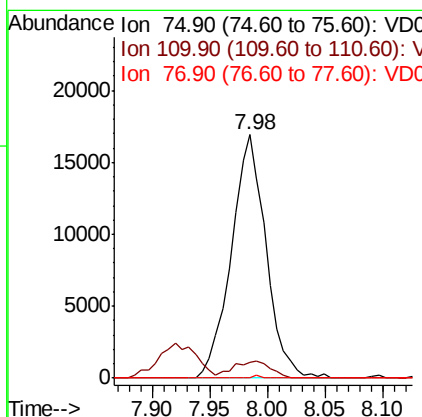
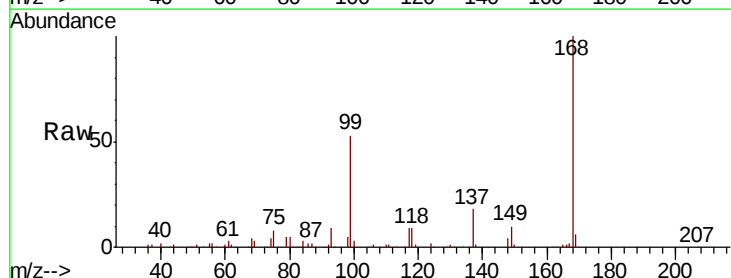
Instrument :
 MSVOA_D
 ClientSampleId :

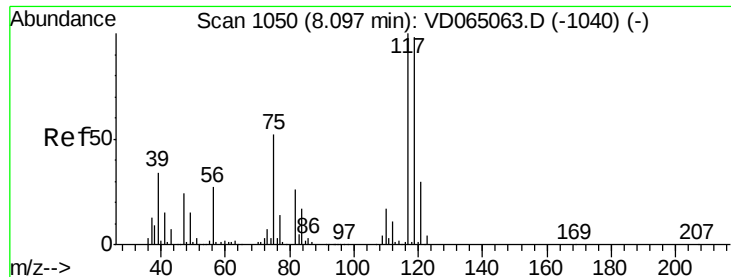
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	21.2	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 5.162 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065118.D
 Acq: 07 Feb 2020 19:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.3#
77	0.2	24.7	37.1#

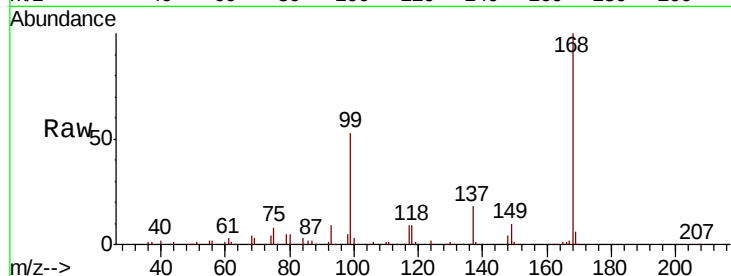




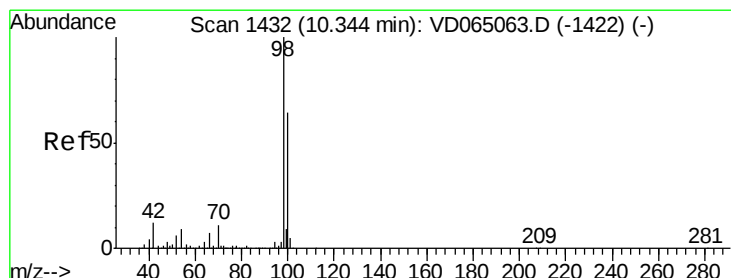
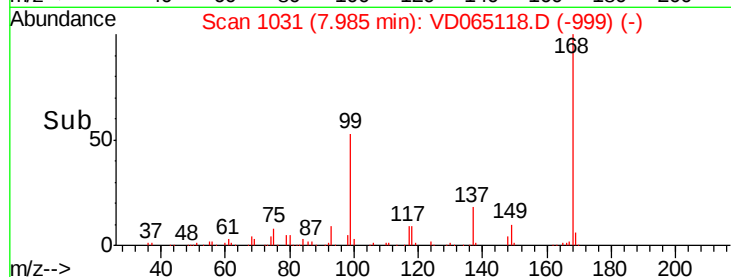
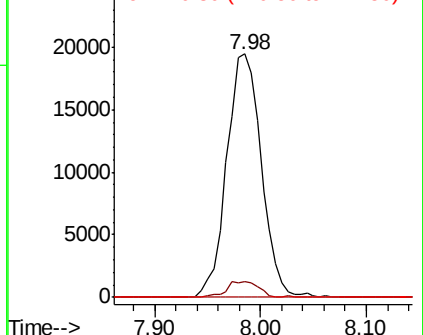
#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065118.D
Acq: 07 Feb 2020 19:11

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 44110
Ion Ratio Lower Upper
117 100
119 6.7 78.5 117.7#
121 0.0 23.8 35.6#

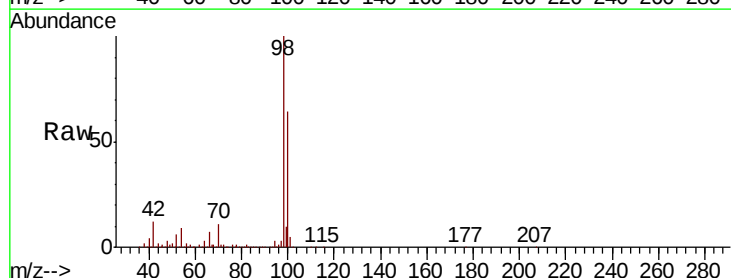


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

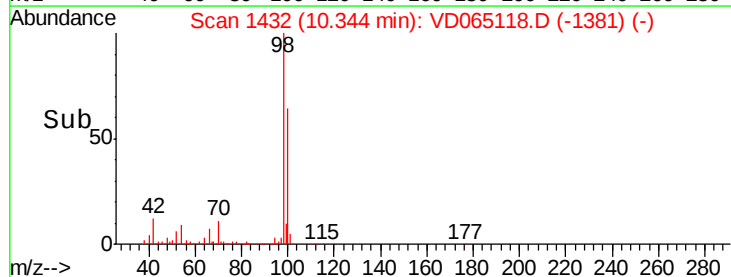
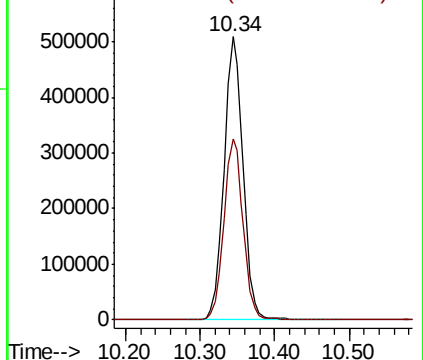


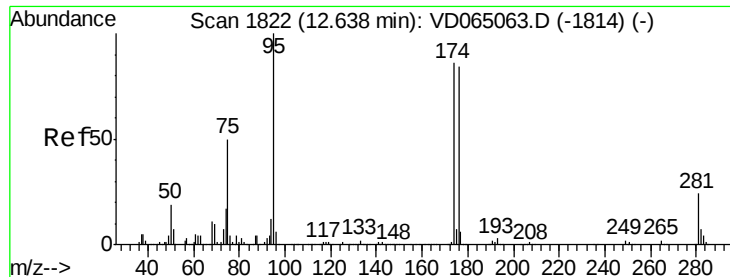
#50
Toluene-d8
Concen: 55.346 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065118.D
Acq: 07 Feb 2020 19:11

Tgt Ion: 98 Resp: 902704
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



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

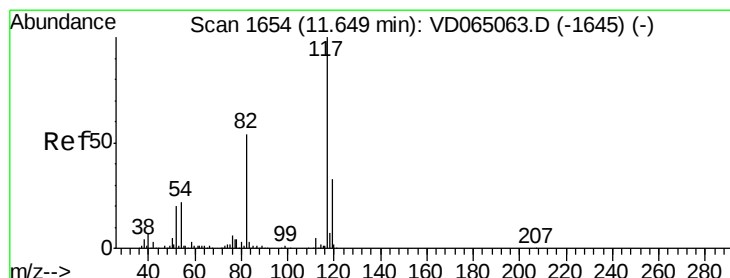
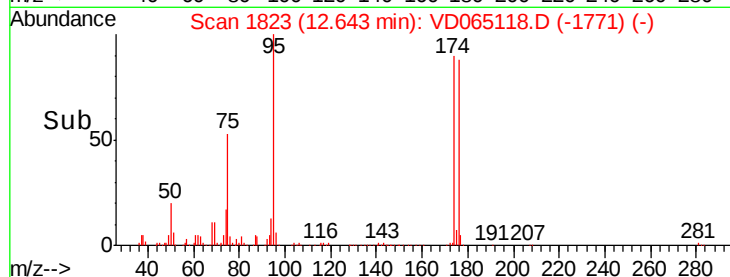
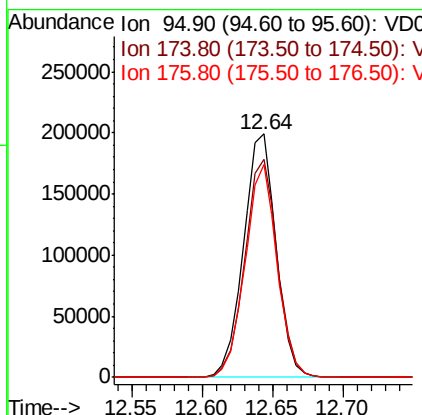
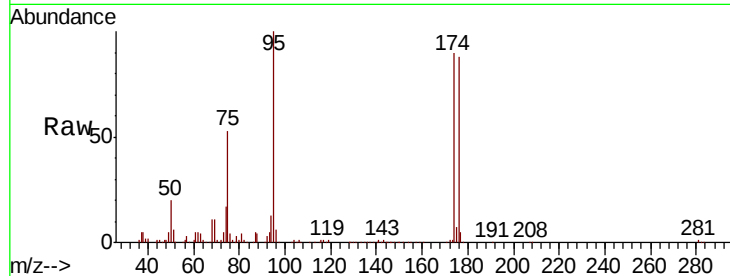




#62
4-Bromofluorobenzene
Concen: 62.179 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065118.D
Acq: 07 Feb 2020 19:11

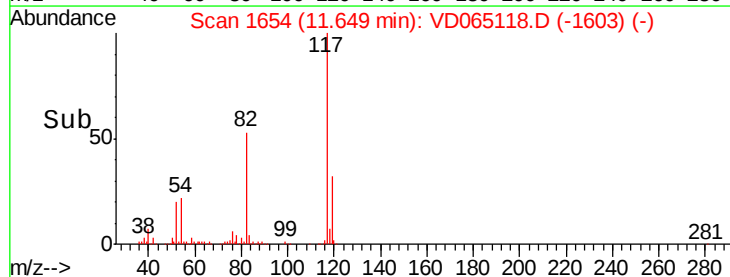
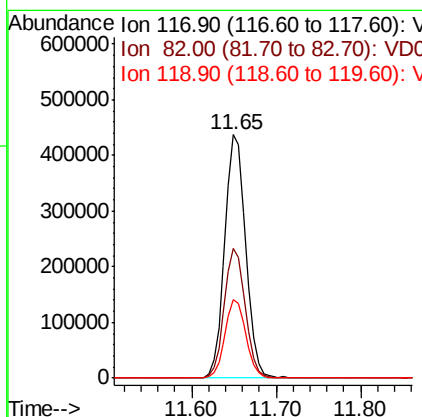
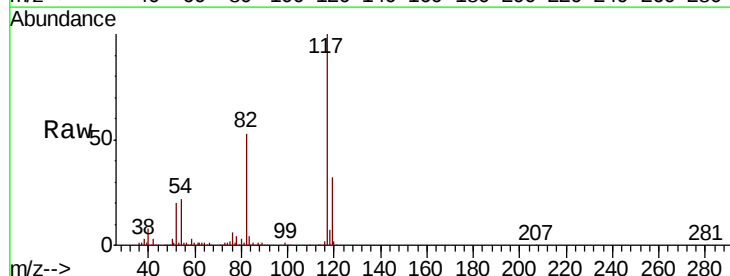
Instrument :
MSVOA_D
ClientSampleId :

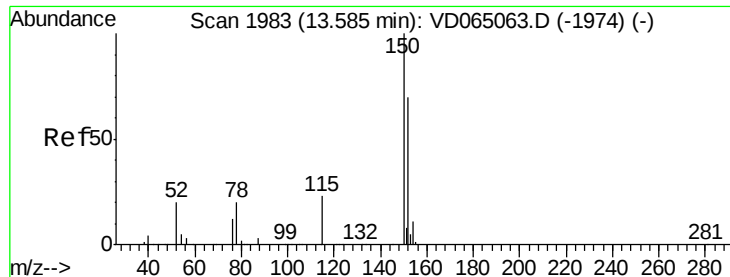
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	180.0
176	86.2	0.0	173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065118.D
Acq: 07 Feb 2020 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.1	64.7
119	32.4	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: VD065118.D

Acq: 07 Feb 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

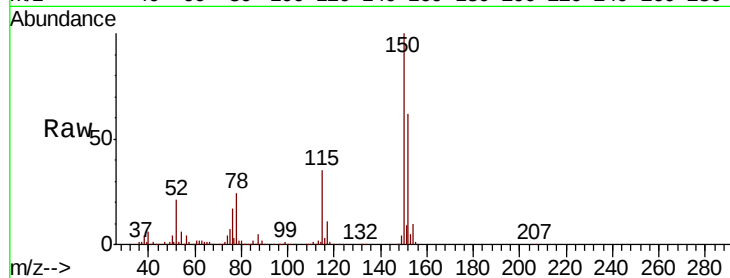
Tot Ion:152 Resp: 353726

Ion Ratio Lower Upper

152 100

115 55.2 27.5 82.4

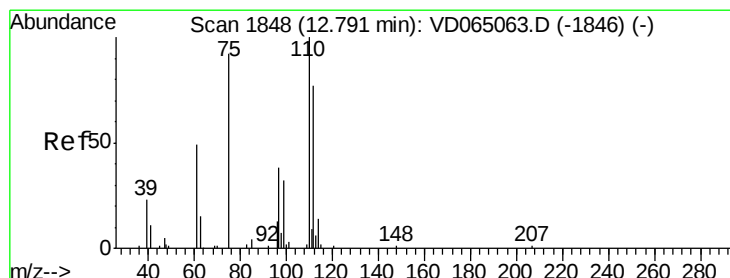
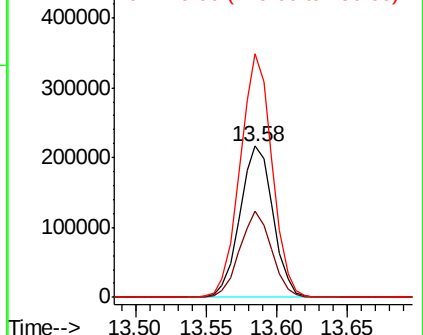
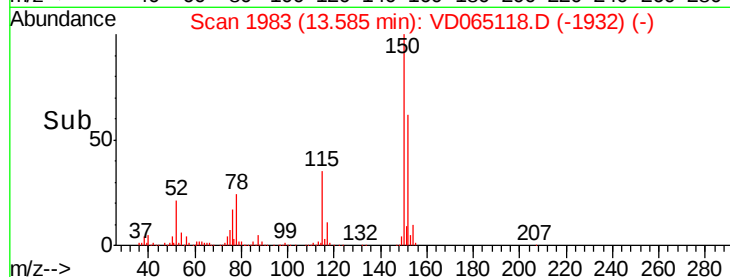
150 155.7 0.0 343.2



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



#76

1,2,3-Trichloropropane

Concen: 62.358 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065118.D

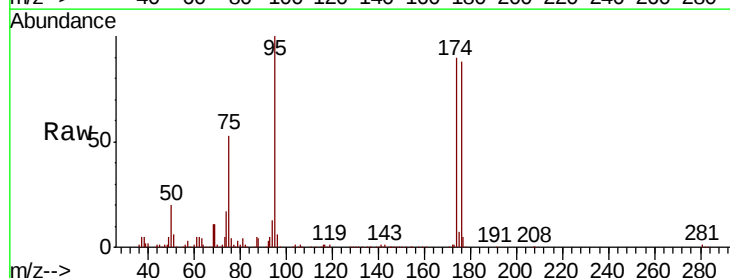
Acq: 07 Feb 2020 19:11

Tgt Ion: 75 Resp: 166999

Ion Ratio Lower Upper

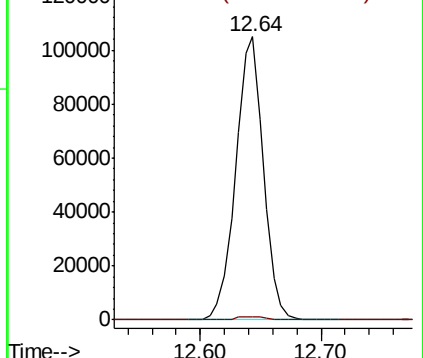
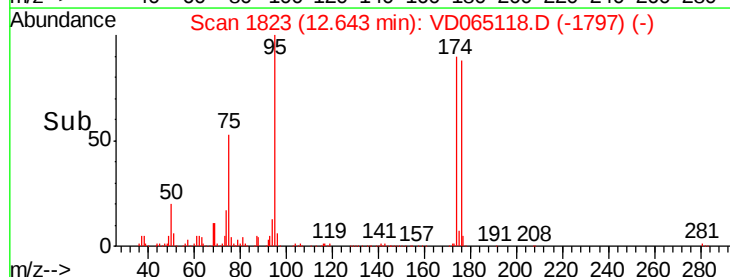
75 100

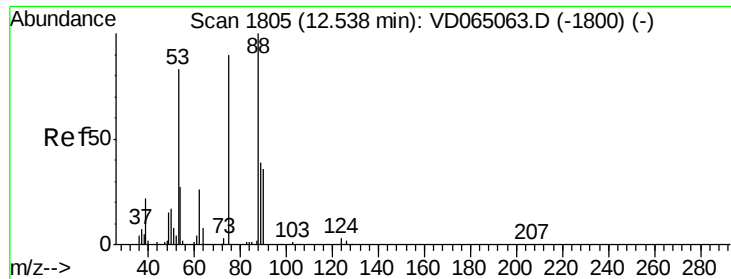
77 1.2 0.0 0.0#



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: 124.711 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065118.D

Acq: 07 Feb 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

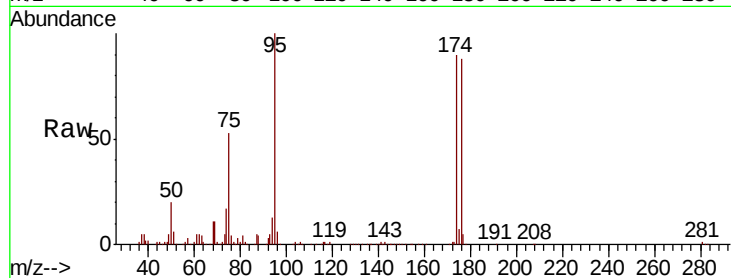
Tot Ion: 75 Resp: 166999

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

