

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065133.D
 Acq On : 10 Feb 2020 15:19
 Operator : VA/SY
 Sample : L1403-06RE
 Misc : 10.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 11 08:07:02 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

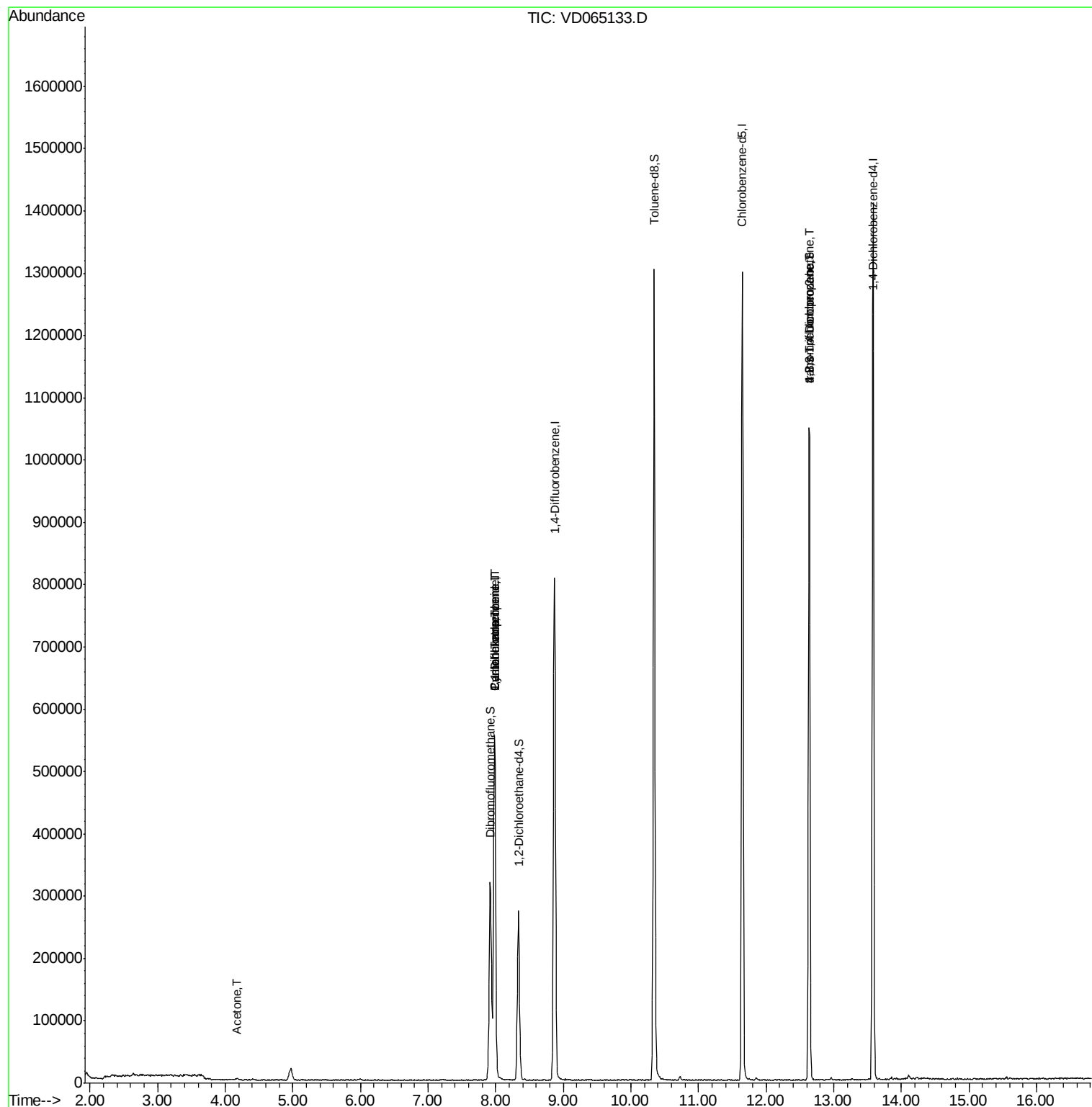
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	423997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	710134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	749459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	364320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	213366	59.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.42%	
35) Dibromofluoromethane	7.92	113	223179	56.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.66%	
50) Toluene-d8	10.34	98	870442	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
62) 4-Bromofluorobenzene	12.64	95	334957	67.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.06%	
Target Compounds						
16) Acetone	4.17	43	2966	3.292	ug/l	91
20) Methylene Chloride	4.97	84	15051	Below Cal		96
31) Cyclohexane	7.98	56	9762	1.362	ug/l #	27
36) 1,1-Dichloropropene	7.98	75	31129	4.714	ug/l #	50
38) Carbon Tetrachloride	7.98	117	40691	6.034	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	173212	62.797	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	173212	125.589	ug/l #	10

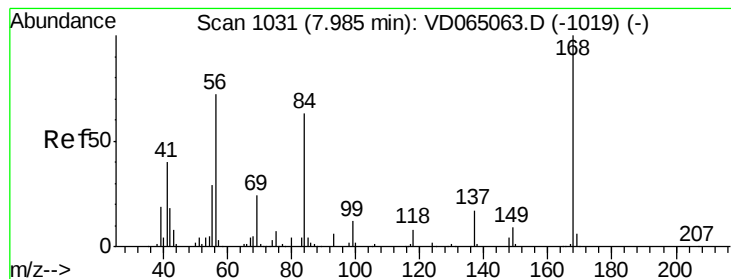
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021020\
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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: VD065133.D

Acq: 10 Feb 2020 15:19

Instrument :

MSVOA_D

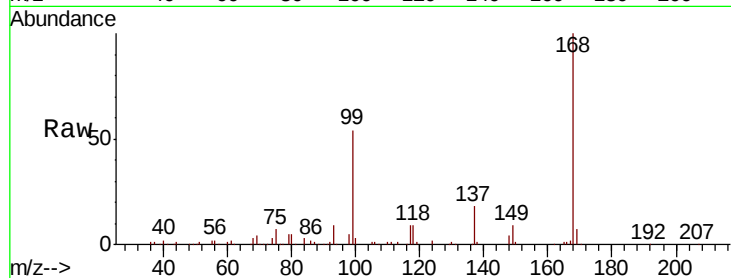
ClientSampleId :

Tot Ion:168 Resp: 423997

Ion Ratio Lower Upper

168 100

99 54.1 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

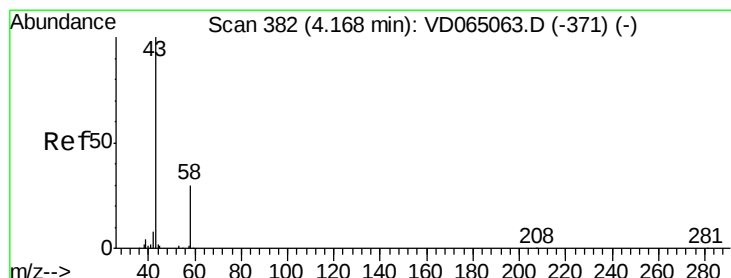
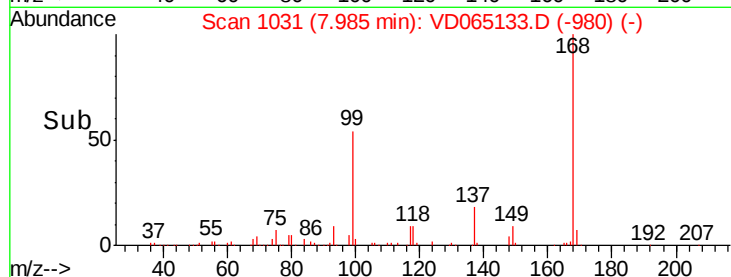
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 3.292 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065133.D

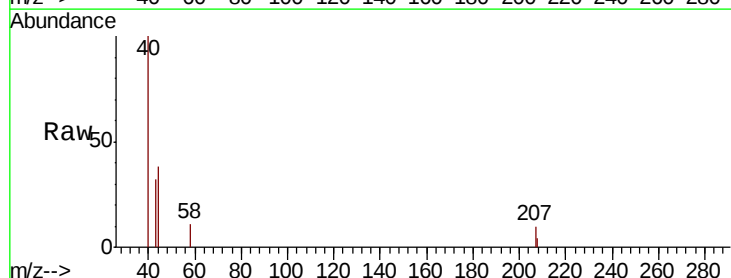
Acq: 10 Feb 2020 15:19

Tgt Ion: 43 Resp: 2966

Ion Ratio Lower Upper

43 100

58 34.1 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

1200

1000

800

600

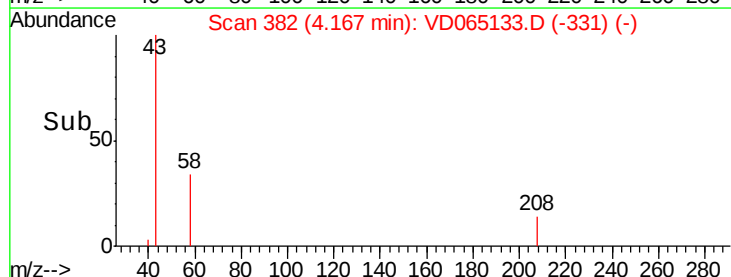
400

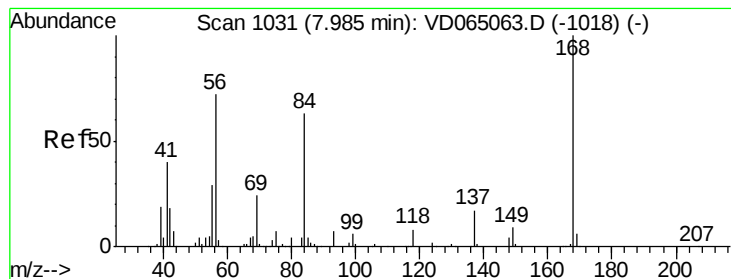
200

0

4.10 4.15 4.20 4.25

Time-->





#31

Cyclohexane

Concen: 1.362 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065133.D

Acq: 10 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

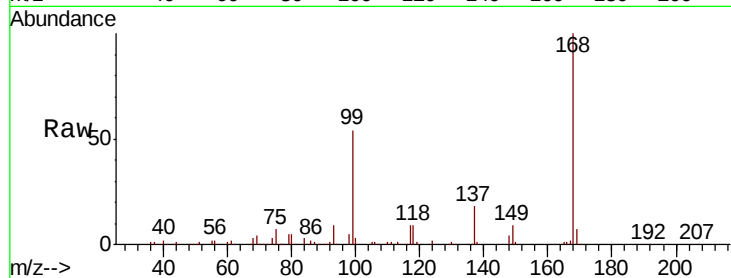
Tot Ion: 56 Resp: 9762

Ion Ratio Lower Upper

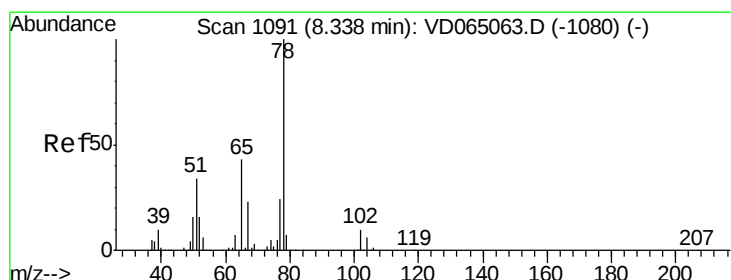
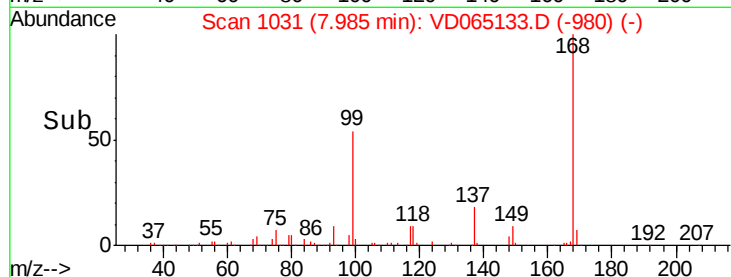
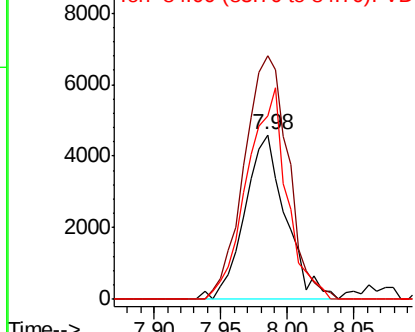
56 100

69 147.8 26.6 40.0#

84 111.7 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: 59.209 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065133.D

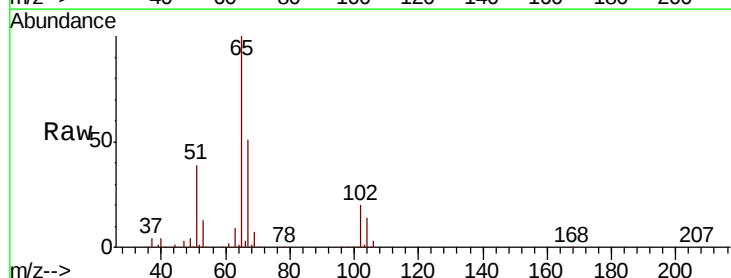
Acq: 10 Feb 2020 15:19

Tgt Ion: 65 Resp: 213366

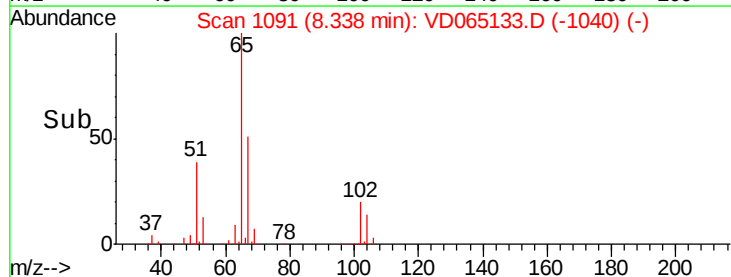
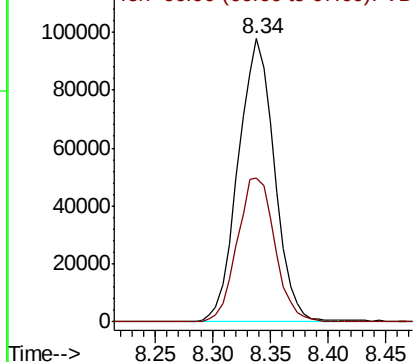
Ion Ratio Lower Upper

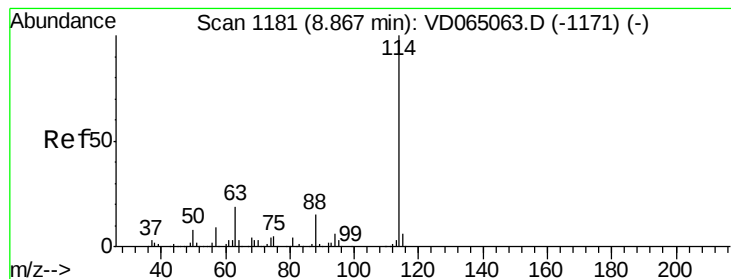
65 100

67 52.8 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065133.D

Acq: 10 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

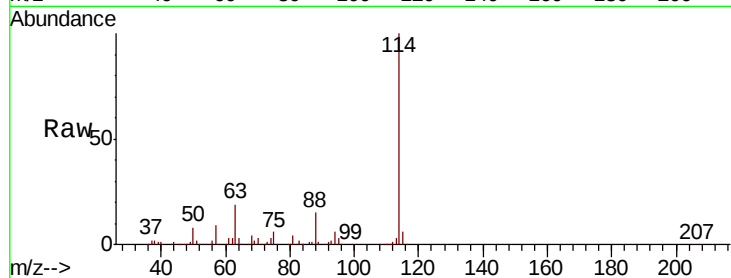
Tot Ion:114 Resp: 710134

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

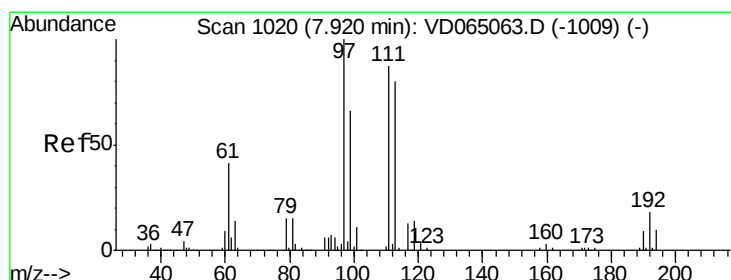
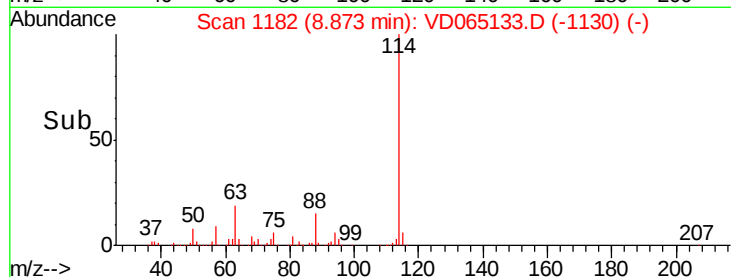
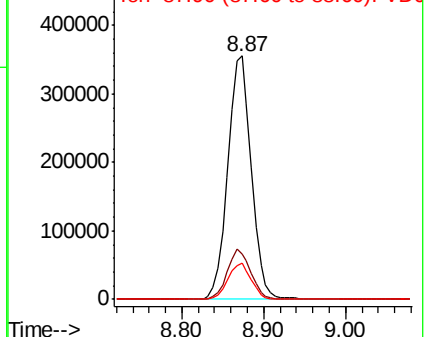
88 15.0 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 56.328 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065133.D

Acq: 10 Feb 2020 15:19

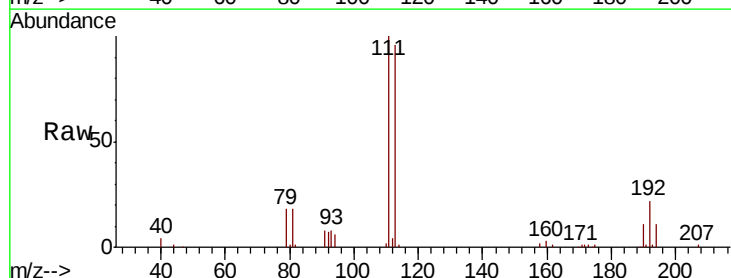
Tgt Ion:113 Resp: 223179

Ion Ratio Lower Upper

113 100

111 103.1 83.1 124.7

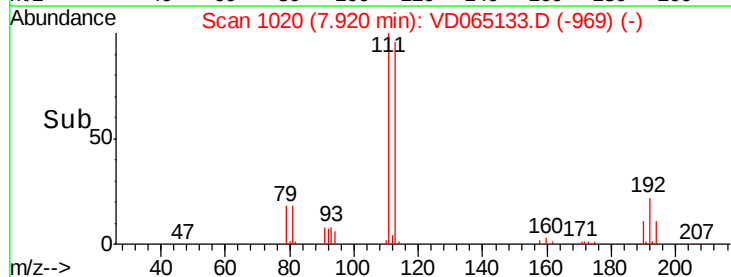
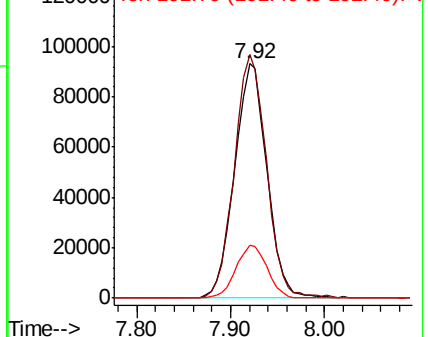
192 21.9 18.1 27.1

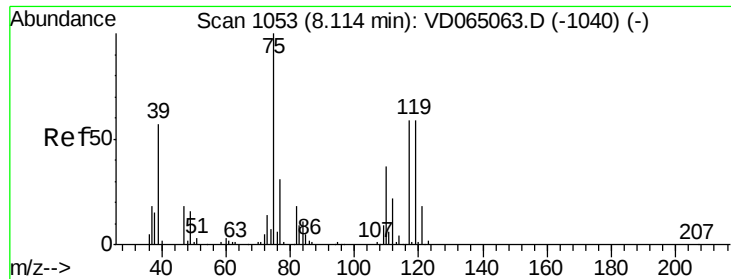


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

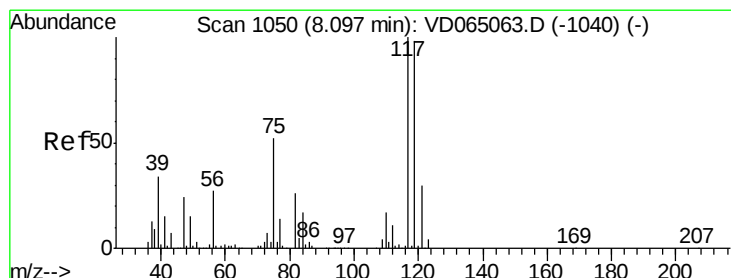
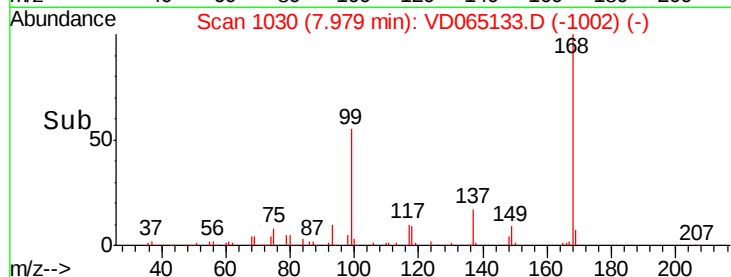
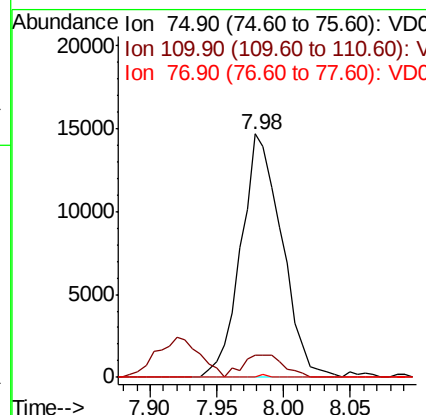
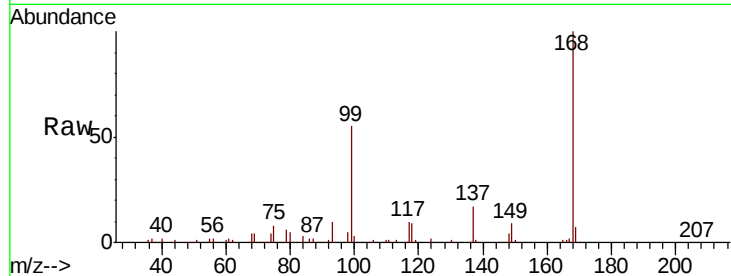




#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065133.D
 Acq: 10 Feb 2020 15:19

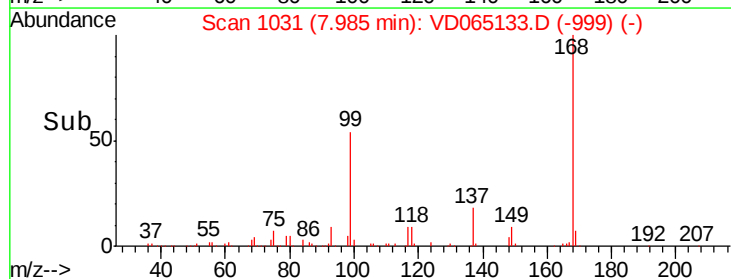
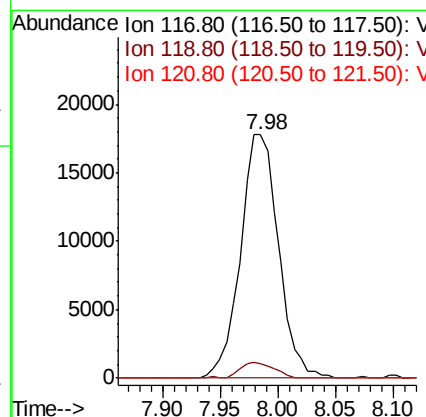
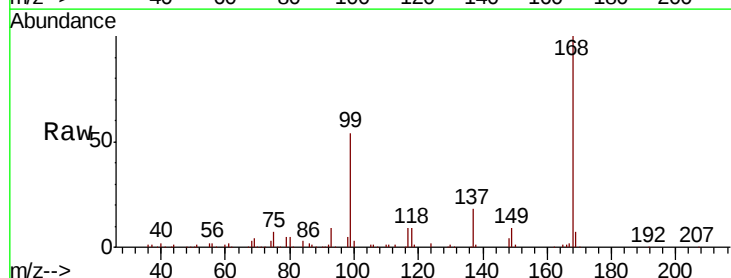
Instrument :
 MSVOA_D
 ClientSampleId :

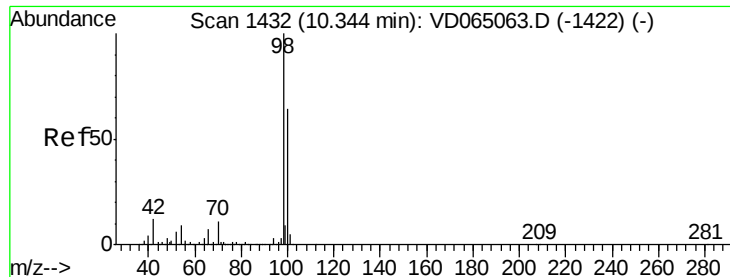
Tot Ion	75	Resp	31129
Ion Ratio	100	Lower	Upper
110	9.3	18.1	54.3#
77	0.2	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.034 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065133.D
 Acq: 10 Feb 2020 15:19

Tgt Ion	117	Resp	40691
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	5.8	78.5	117.7#
121	0.0	23.8	35.6#

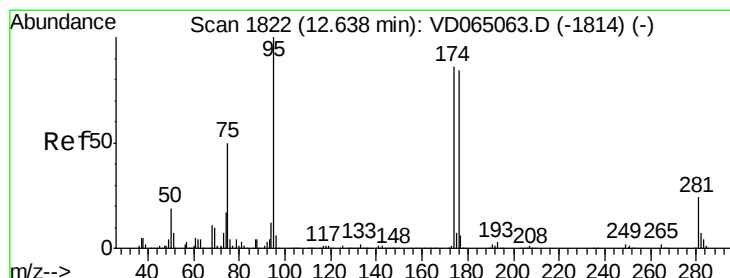
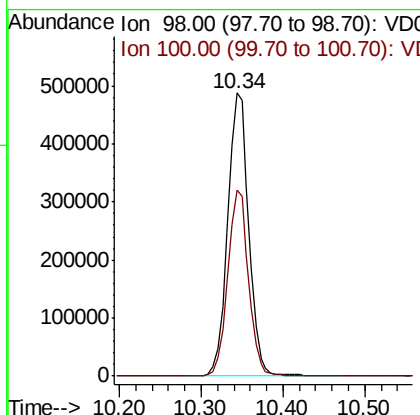
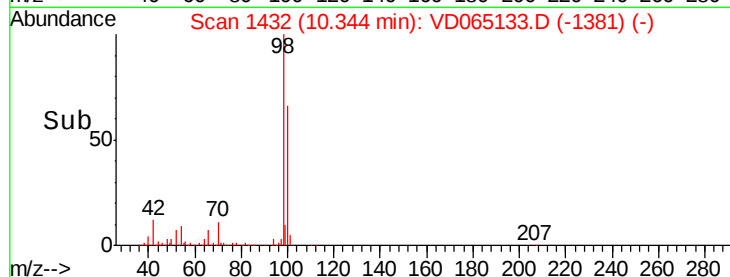
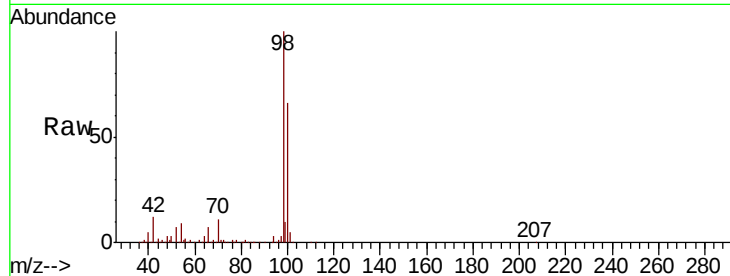




#50
Toluene-d8
Concen: 55.195 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065133.D
Acq: 10 Feb 2020 15:19

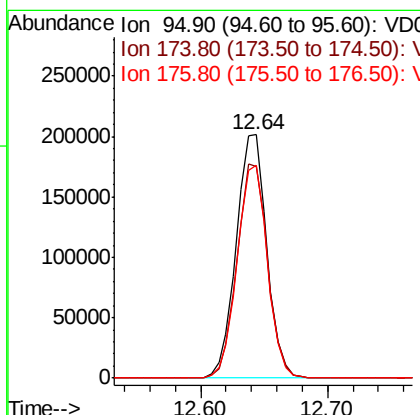
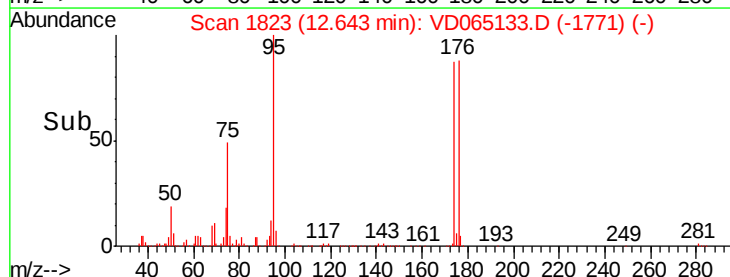
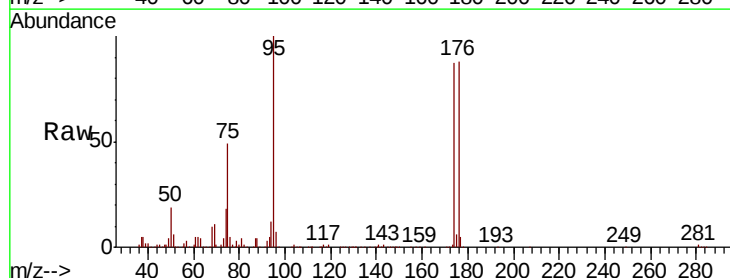
Instrument :
MSVOA_D
ClientSampleId :

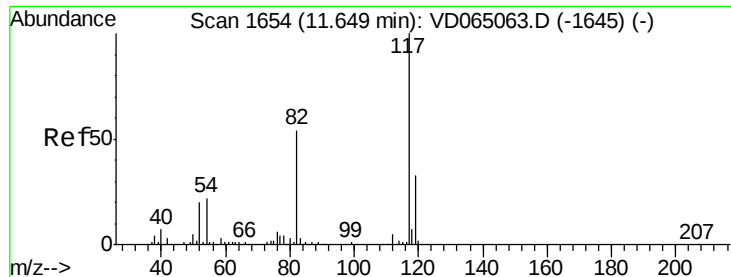
Tot Ion: 98 Resp: 870442
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 67.031 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065133.D
Acq: 10 Feb 2020 15:19

Tgt Ion: 95 Resp: 334957
Ion Ratio Lower Upper
95 100
174 88.1 0.0 180.0
176 86.5 0.0 173.2

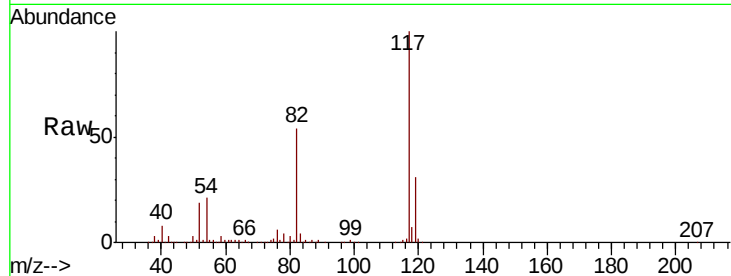




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065133.D
Acq: 10 Feb 2020 15:19

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.1	64.7
119	31.5	26.0	39.0

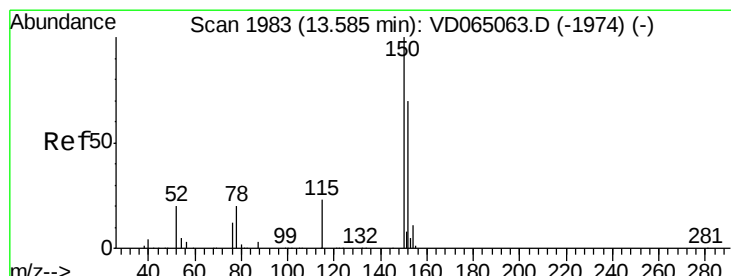
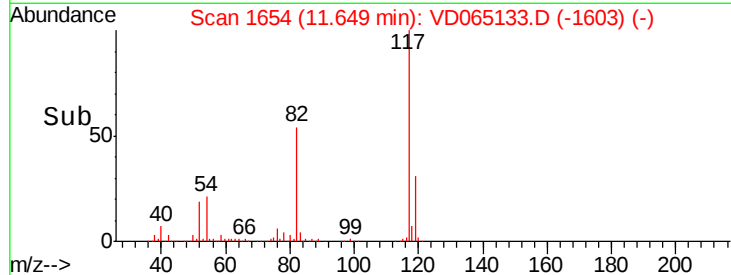
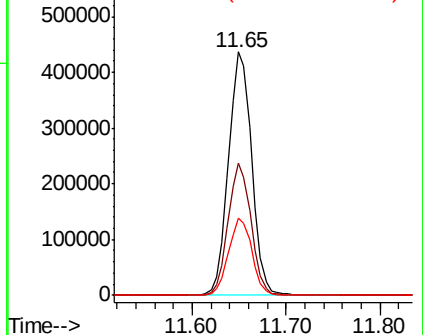


Abundance

Ion 116.90 (116.60 to 117.60): V

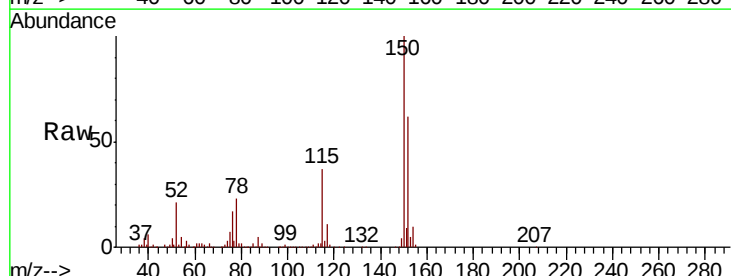
Ion 82.00 (81.70 to 82.70): V

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: VD065133.D
Acq: 10 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	27.5	82.4
150	160.1	0.0	343.2

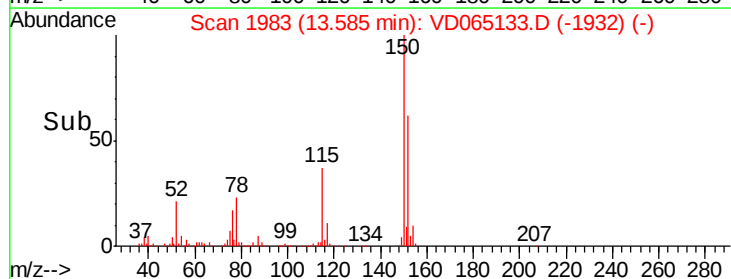
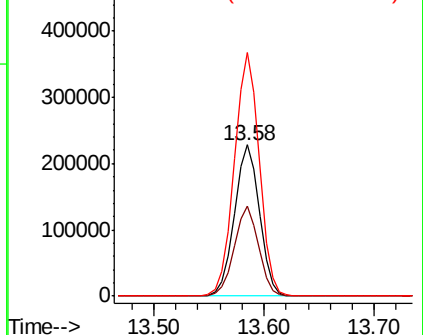


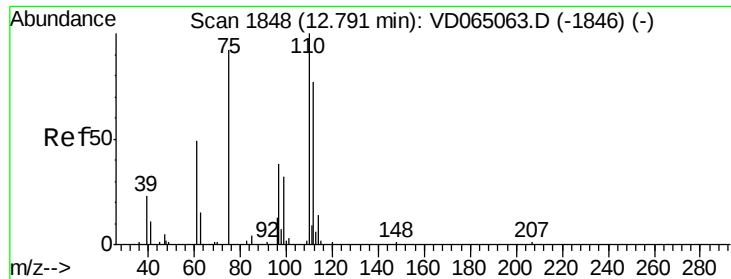
Abundance

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: 62.797 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065133.D

Acq: 10 Feb 2020 15:19

Instrument :

MSVOA_D

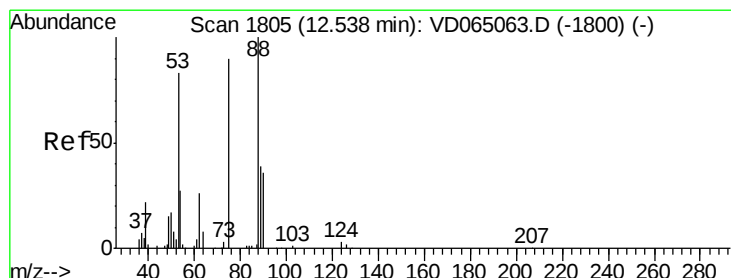
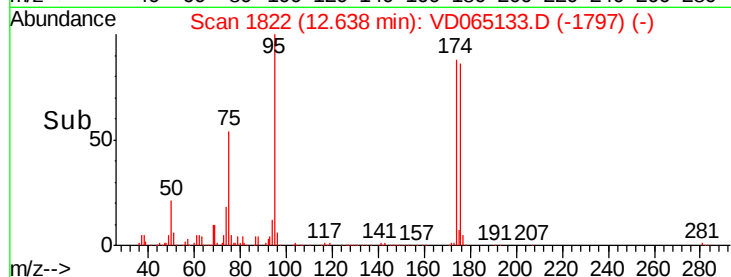
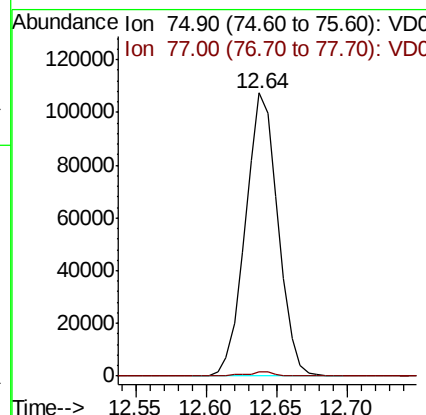
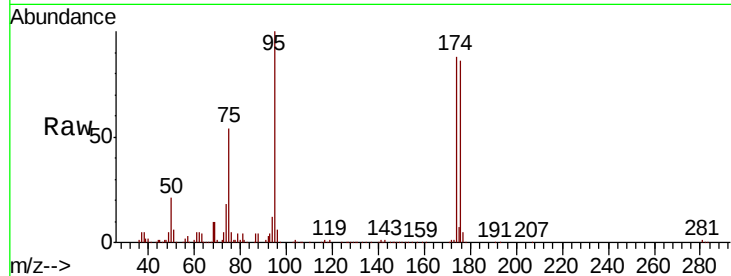
ClientSampleId :

Tot Ion: 75 Resp: 173212

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.589 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065133.D

Acq: 10 Feb 2020 15:19

Tgt Ion: 75 Resp: 173212

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.0 55.4#

