

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065282.D
 Acq On : 21 Feb 2020 18:26
 Operator : VA/SY
 Sample : L1635-10
 Misc : 5.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 22 02:25:43 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

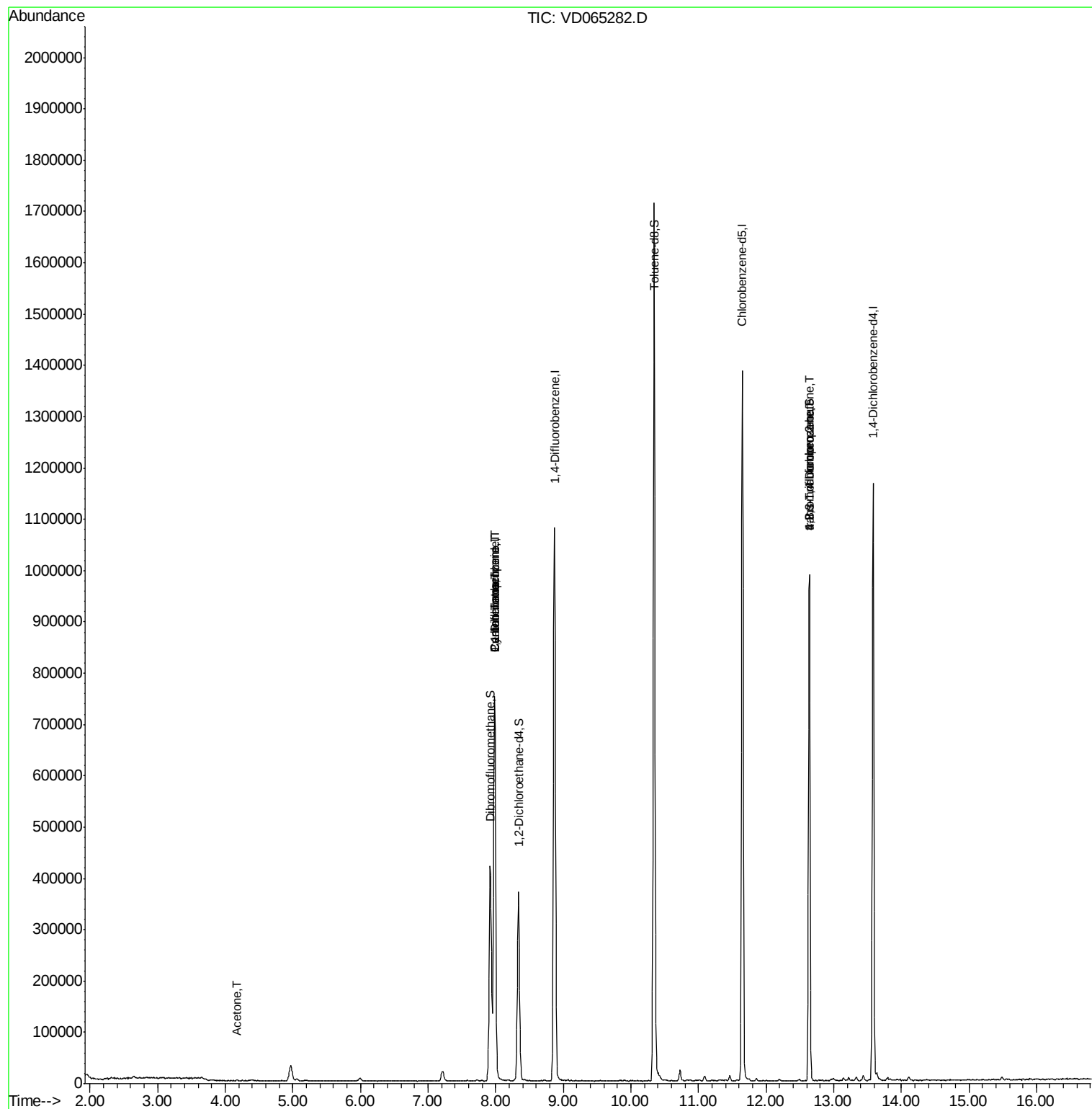
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	573289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	948663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	816331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	320155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	288246	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
35) Dibromofluoromethane	7.92	113	301895	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	10.34	98	1153865	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.64	95	311021	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	1754	1.391	ug/l #	85
20) Methylene Chloride	4.97	84	23218	Below Cal		99
31) Cyclohexane	7.98	56	12955	1.278	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	42496	4.604	ug/l #	50
38) Carbon Tetrachloride	7.98	117	56368	5.999	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	156941	57.615	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	156941	124.400	ug/l #	11

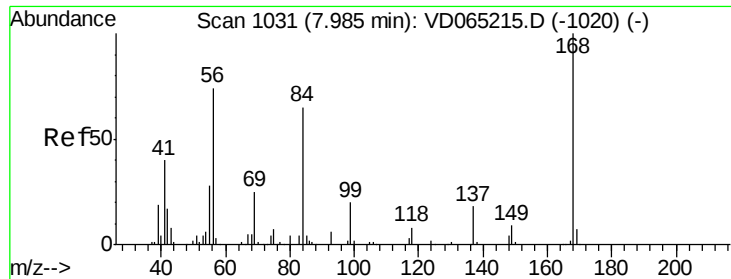
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022120\
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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: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065282.D

Acq: 21 Feb 2020 18:26

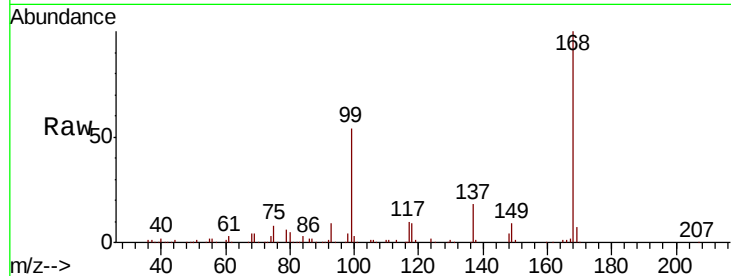
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 573289

Ion Ratio Lower Upper

168 100

99 54.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

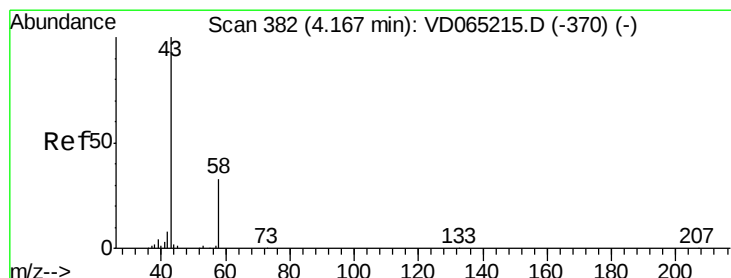
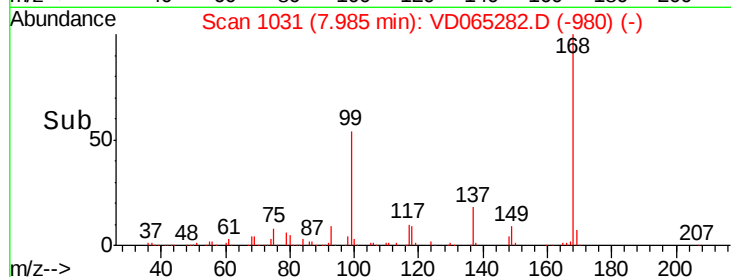
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.391 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065282.D

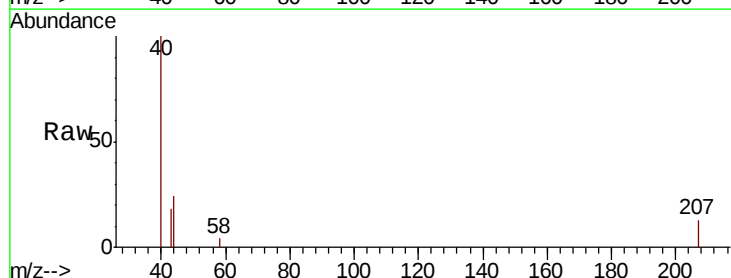
Acq: 21 Feb 2020 18:26

Tgt Ion: 43 Resp: 1754

Ion Ratio Lower Upper

43 100

58 24.3 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

800

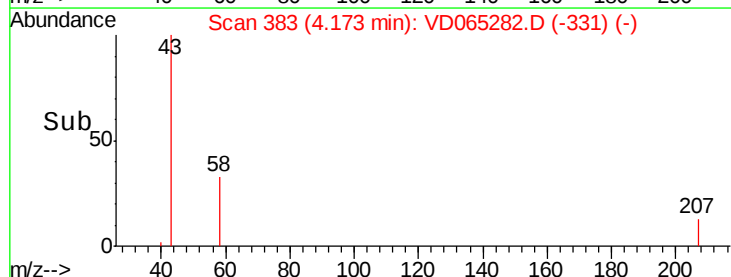
600

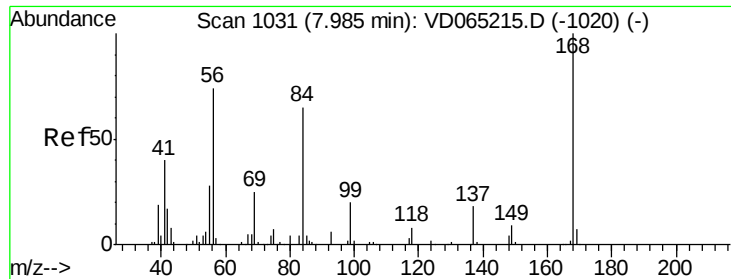
400

200

0

Time-->

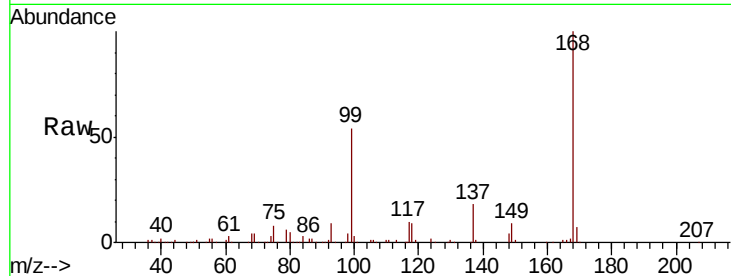




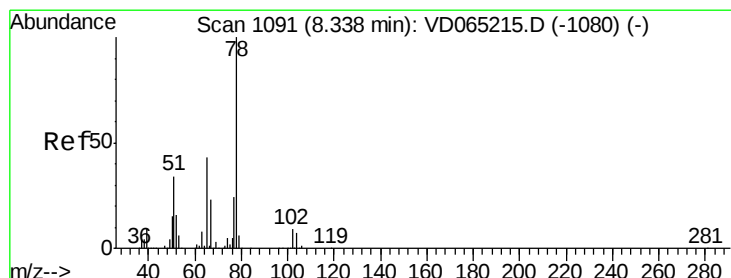
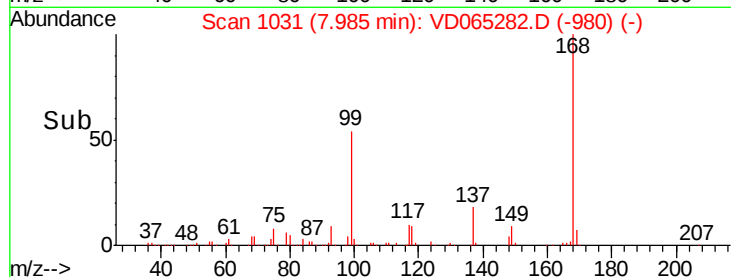
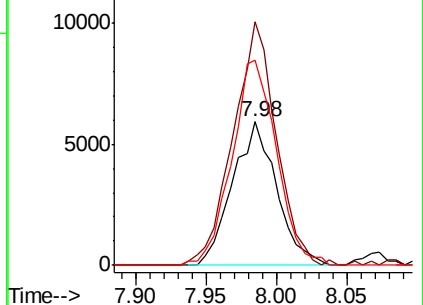
#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065282.D
Acq: 21 Feb 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 12955
Ion Ratio Lower Upper
56 100
69 169.5 27.4 41.0#
84 142.8 71.1 106.7#

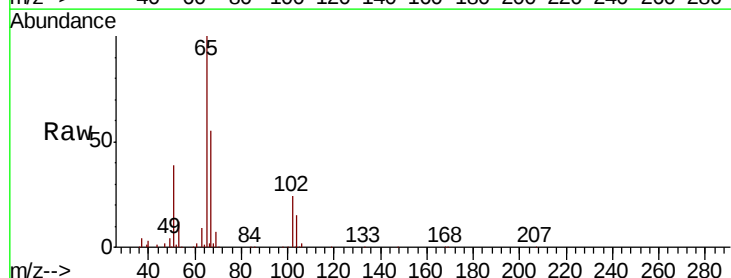


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

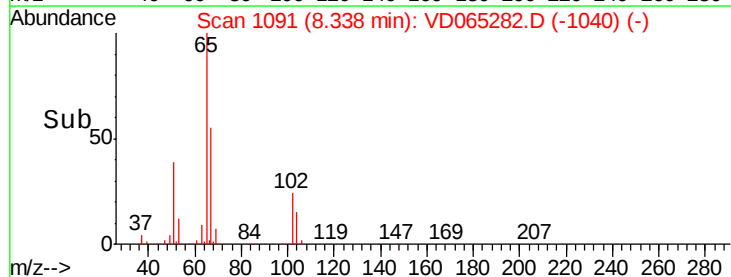
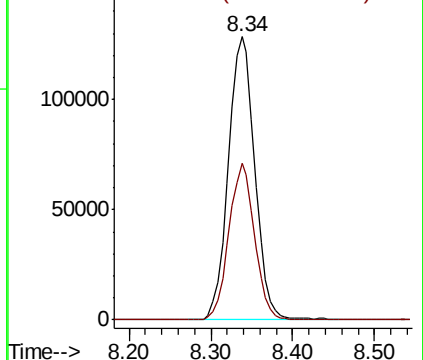


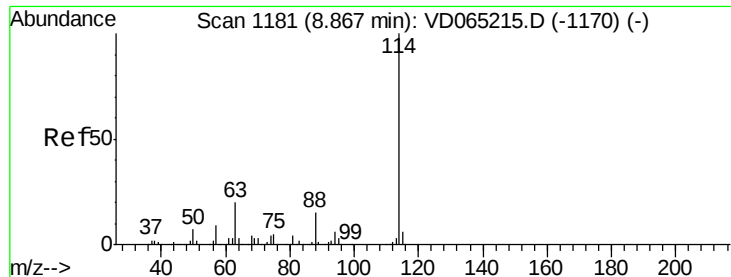
#33
1,2-Dichloroethane-d4
Concen: 55.890 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065282.D
Acq: 21 Feb 2020 18:26

Tgt Ion: 65 Resp: 288246
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.8



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: VD065282.D

Acq: 21 Feb 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

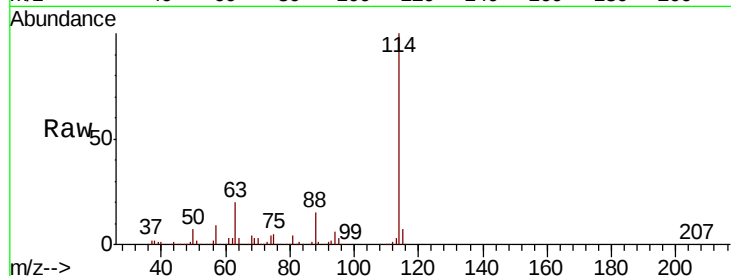
Tot Ion:114 Resp: 948663

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 15.2 0.0 30.4



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

600000

500000

400000

300000

200000

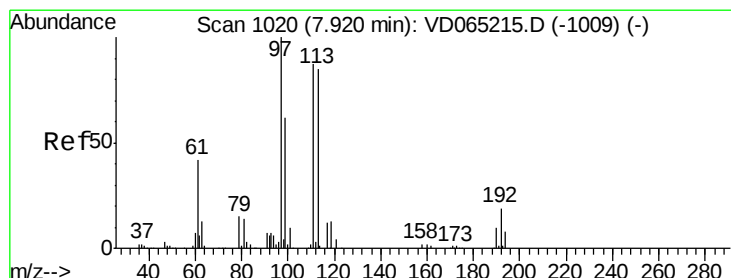
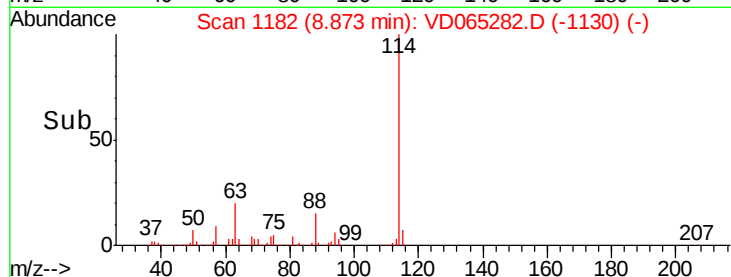
100000

0

8.87

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 52.191 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065282.D

Acq: 21 Feb 2020 18:26

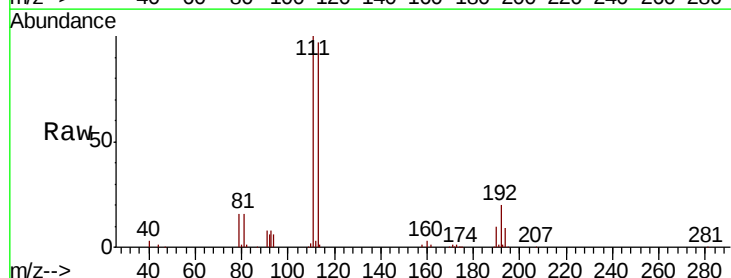
Tgt Ion:113 Resp: 301895

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 21.4 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

150000

100000

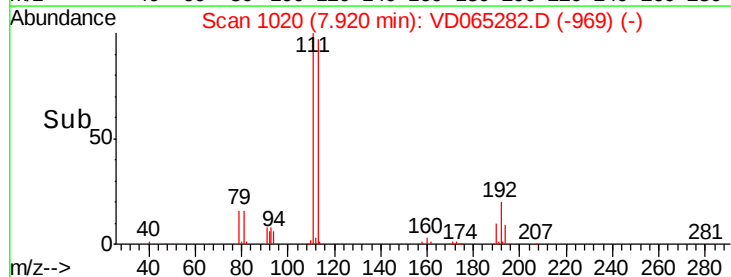
50000

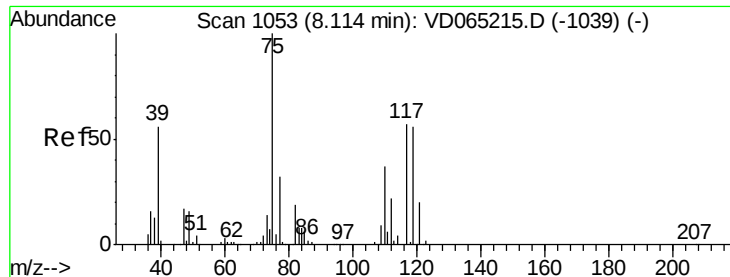
0

7.92

7.80 7.90 8.00 8.10

Time-->





#36

1,1-Dichloropropene

Concen: 4.604 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065282.D

Acq: 21 Feb 2020 18:26

Instrument :

MSVOA_D

ClientSampled :

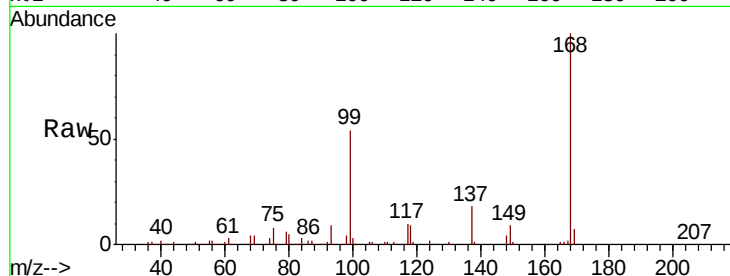
Tot Ion: 75 Resp: 42496

Ion Ratio Lower Upper

75 100

110 9.5 17.9 53.7#

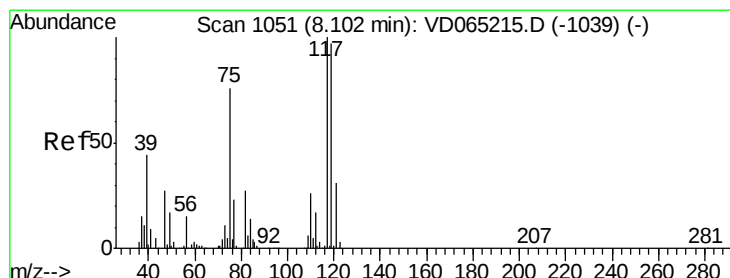
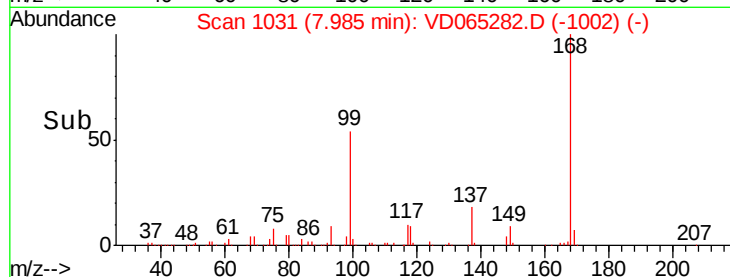
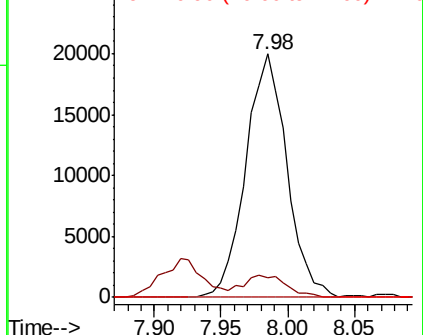
77 0.0 25.1 37.7#



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: 5.999 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD065282.D

Acq: 21 Feb 2020 18:26

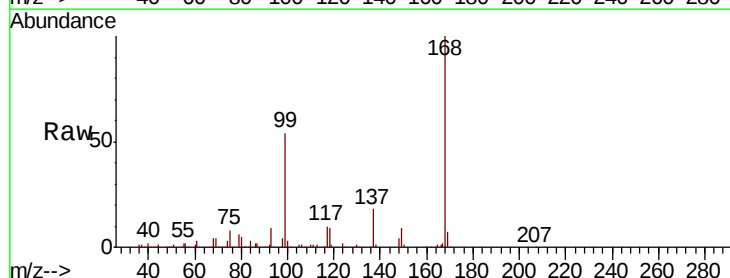
Tgt Ion: 117 Resp: 56368

Ion Ratio Lower Upper

117 100

119 6.2 77.6 116.4#

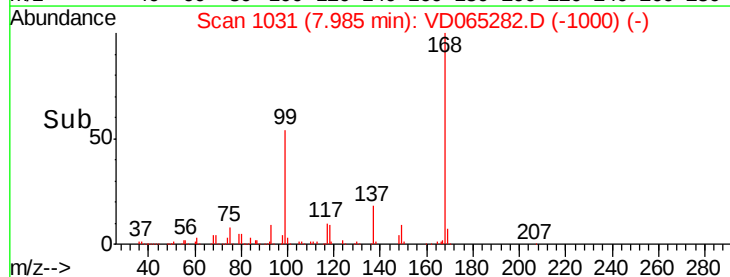
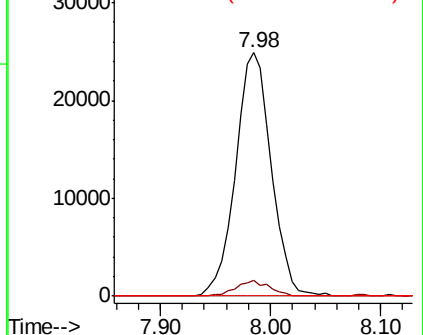
121 0.0 24.8 37.2#

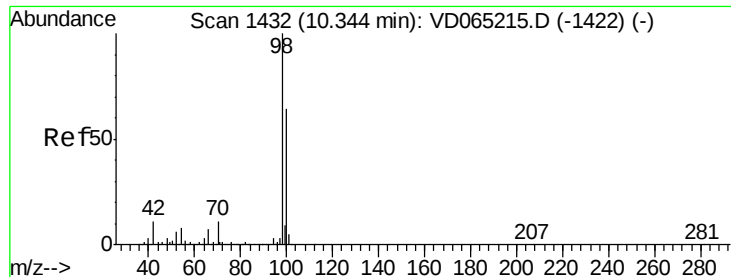


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

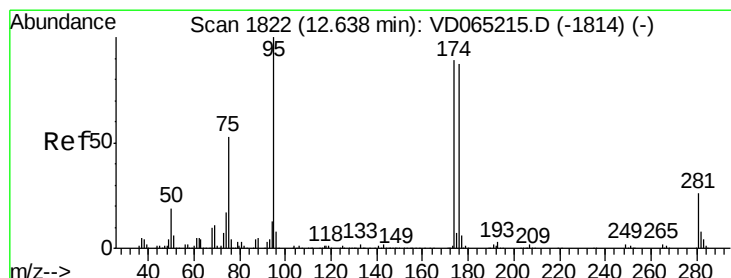
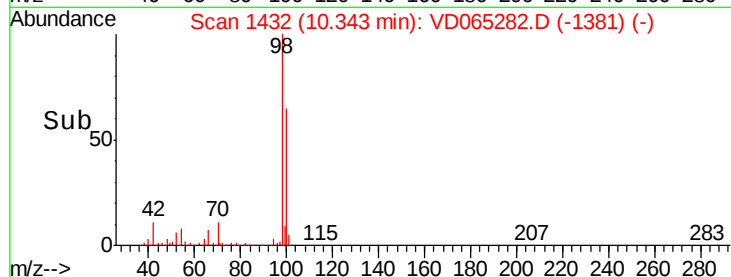
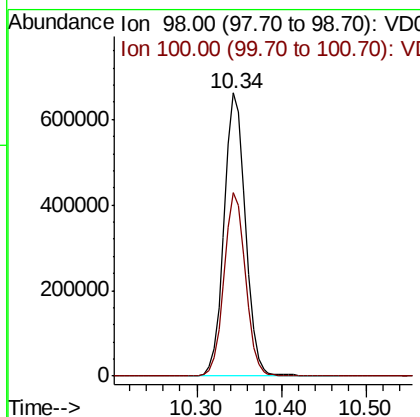
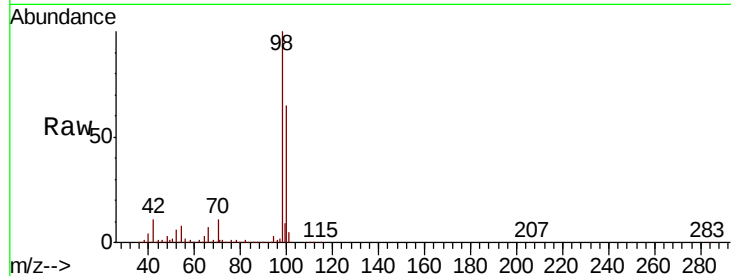




#50
Toluene-d8
Concen: 52.180 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065282.D
Acq: 21 Feb 2020 18:26

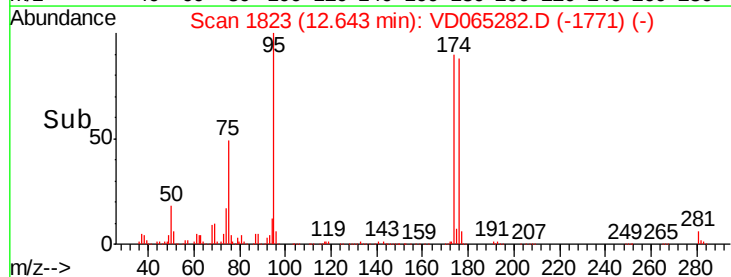
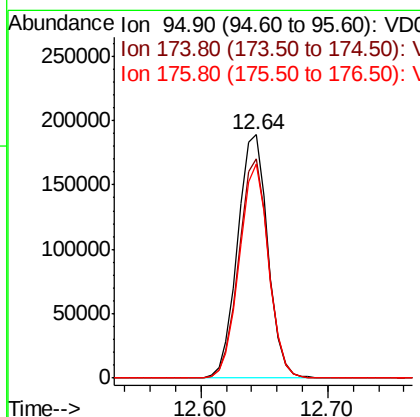
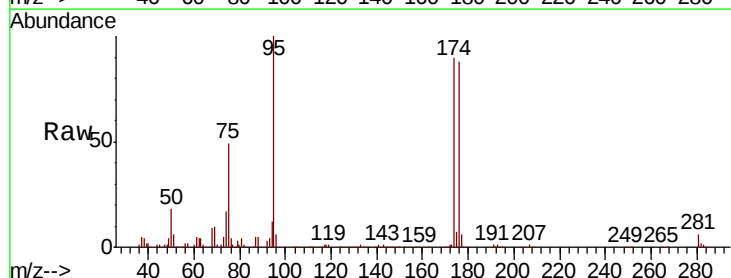
Instrument :
MSVOA_D
ClientSampleId :

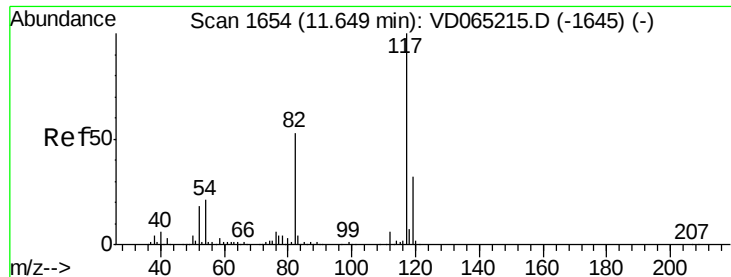
Tot Ion: 98 Resp: 1153865
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.398 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065282.D
Acq: 21 Feb 2020 18:26

Tgt Ion: 95 Resp: 311021
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.0
176 85.5 0.0 174.4

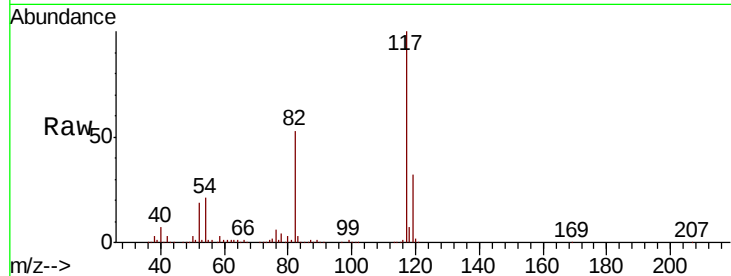




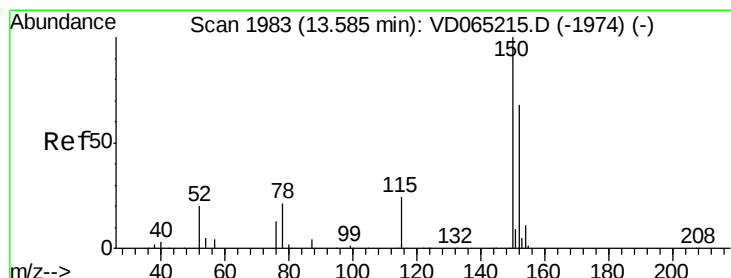
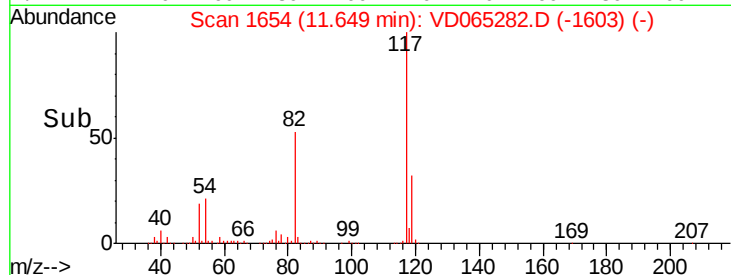
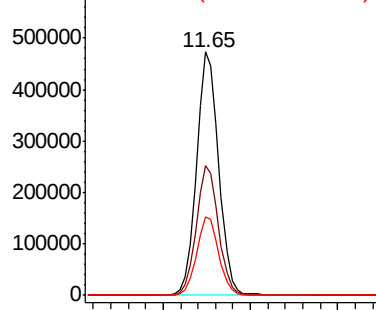
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065282.D
Acq: 21 Feb 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 816331
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 32.1 25.5 38.3

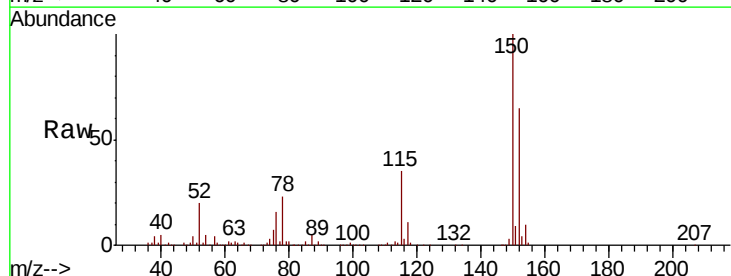


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

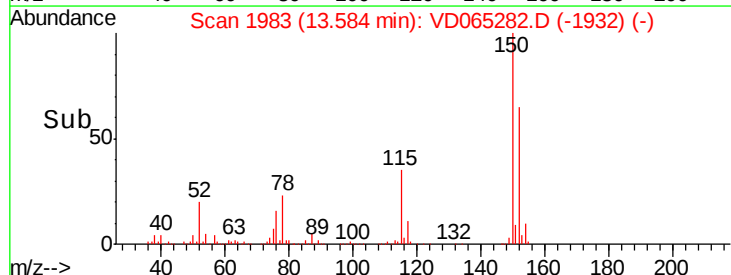
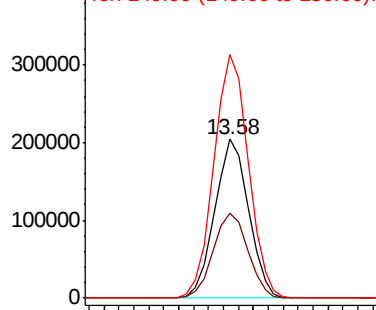


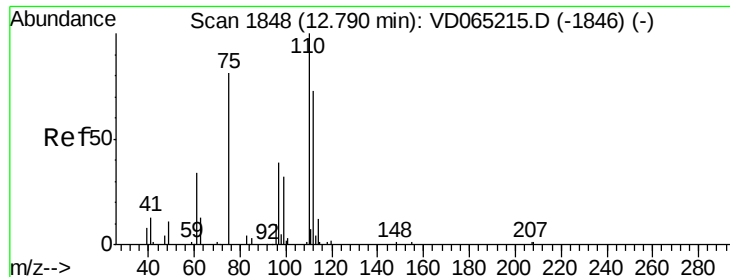
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065282.D
Acq: 21 Feb 2020 18:26

Tgt Ion:152 Resp: 320155
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 156.3 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: 57.615 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065282.D

Acq: 21 Feb 2020 18:26

Instrument :

MSVOA_D

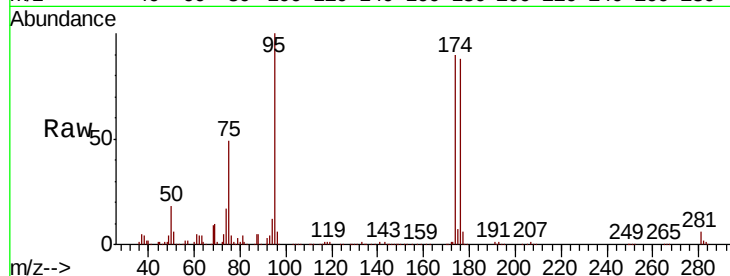
ClientSampled :

Tot Ion: 75 Resp: 156941

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

100000

80000

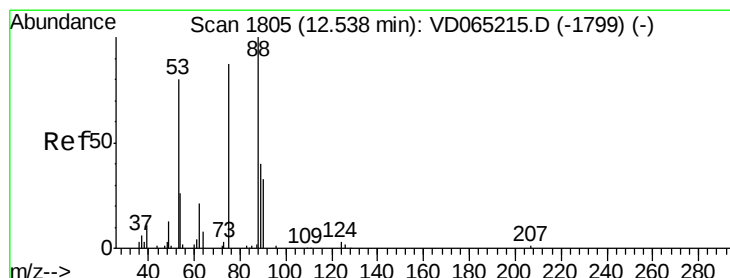
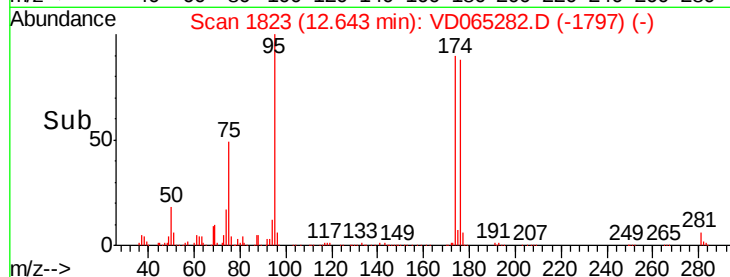
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 124.400 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065282.D

Acq: 21 Feb 2020 18:26

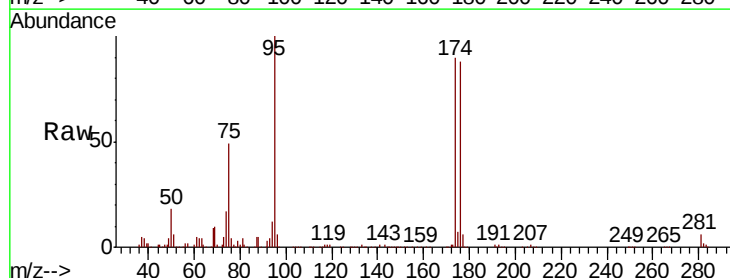
Tgt Ion: 75 Resp: 156941

Ion Ratio Lower Upper

75 100

53 0.1 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

12.64

120000

100000

80000

60000

40000

20000

0

Time-->

