

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065164.D
 Acq On : 12 Feb 2020 15:48
 Operator : VA/SY
 Sample : L1505-01
 Misc : 6.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 13 06:00:36 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

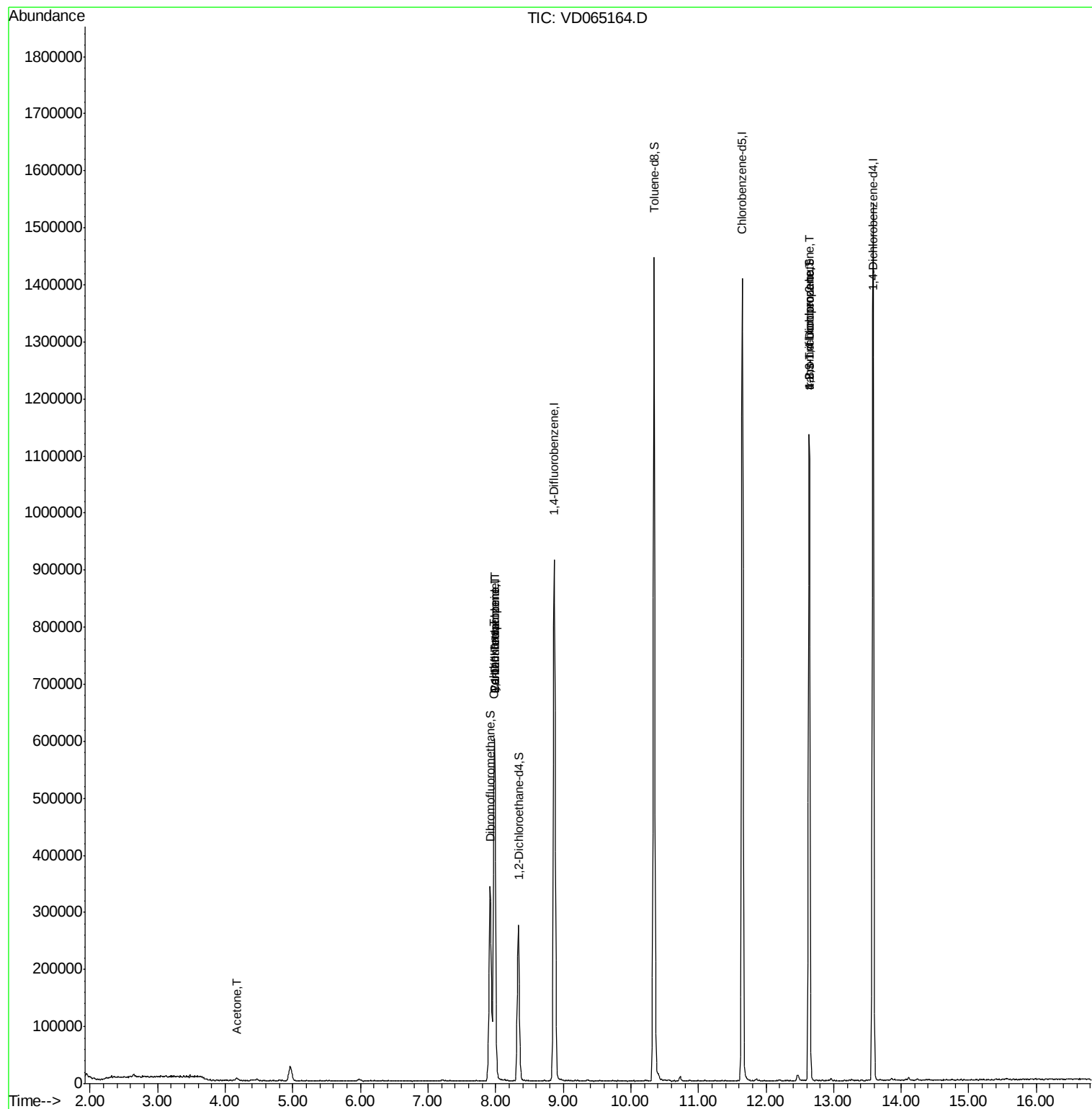
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	467203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	783592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	815547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	402737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	218170	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
35) Dibromofluoromethane	7.92	113	239878	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
50) Toluene-d8	10.34	98	962075	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.64	95	357887	64.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.82%	
Target Compounds						
16) Acetone	4.17	43	7750	7.806	ug/l	93
31) Cyclohexane	7.97	56	10006	1.267	ug/l #	9
36) 1,1-Dichloropropene	7.98	75	36263	4.977	ug/l #	48
38) Carbon Tetrachloride	7.98	117	44716	6.009	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	183505	60.182	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	183505	120.360	ug/l #	10

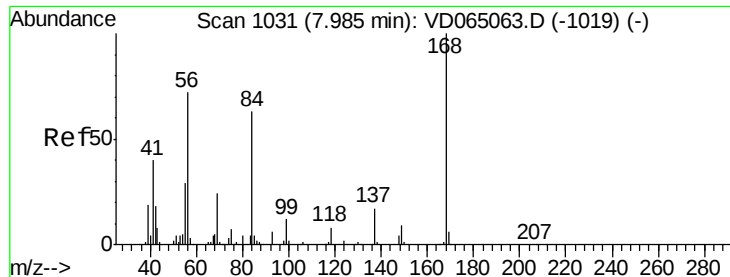
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021220\
Data File : VD065164.D
Acq On : 12 Feb 2020 15:48
Operator : VA/SY
Sample : L1505-01
Misc : 6.68G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 13 06:00:36 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: VD065164.D

Acq: 12 Feb 2020 15:48

Instrument :

MSVOA_D

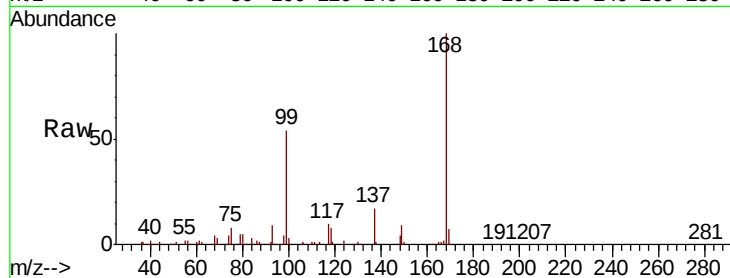
ClientSampleId :

Tot Ion:168 Resp: 467203

Ion Ratio Lower Upper

168 100

99 53.6 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

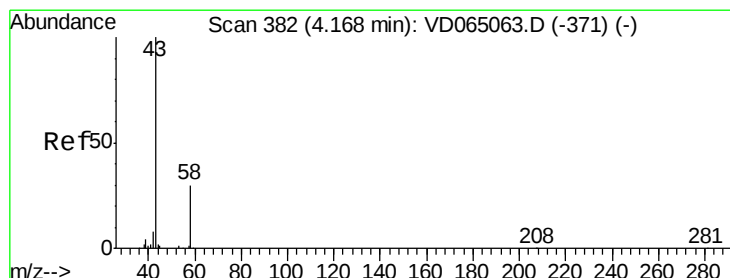
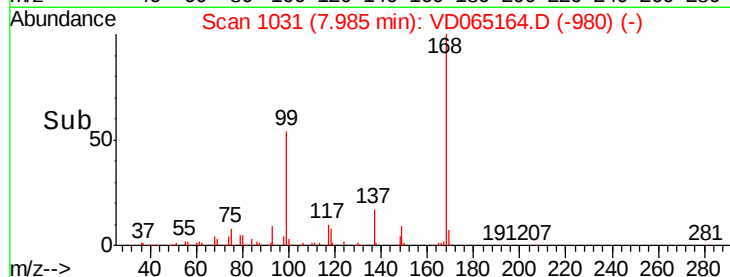
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.806 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065164.D

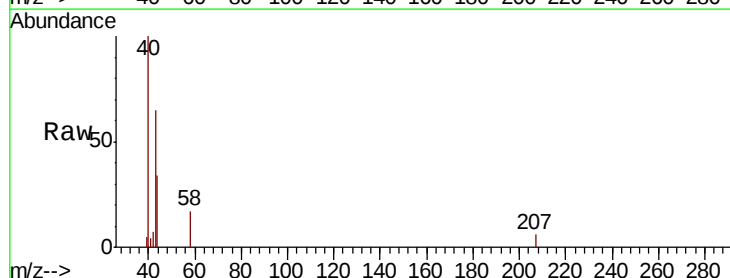
Acq: 12 Feb 2020 15:48

Tgt Ion: 43 Resp: 7750

Ion Ratio Lower Upper

43 100

58 25.4 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

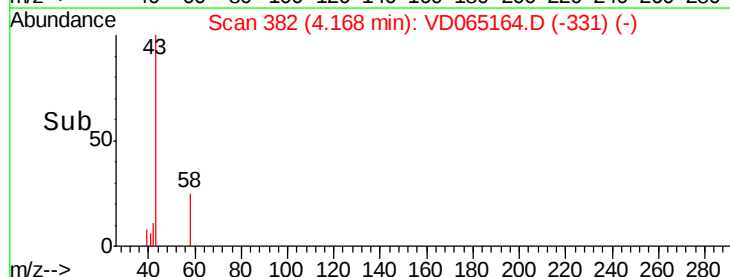
1500

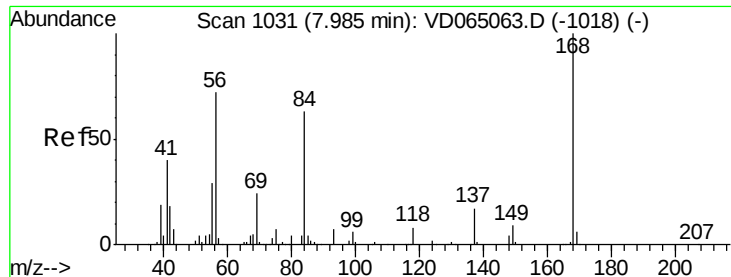
1000

500

0

Time-->

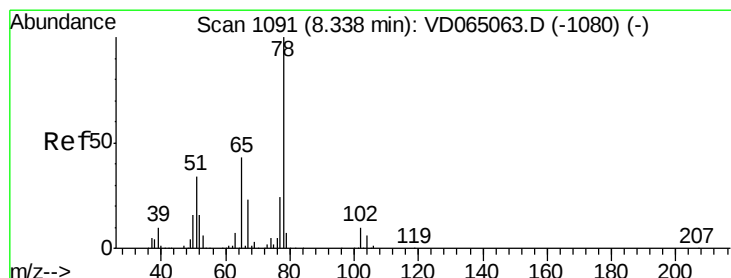
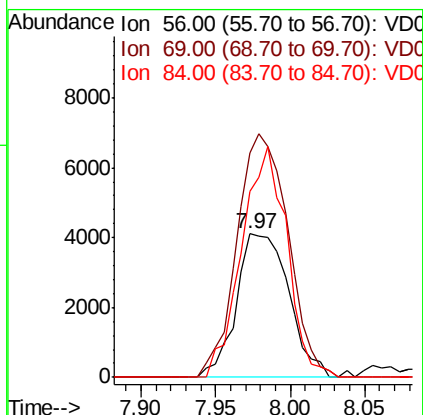
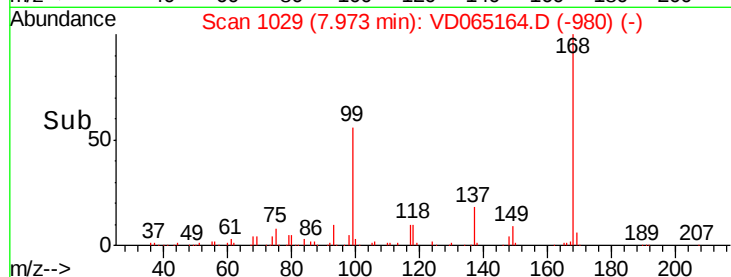
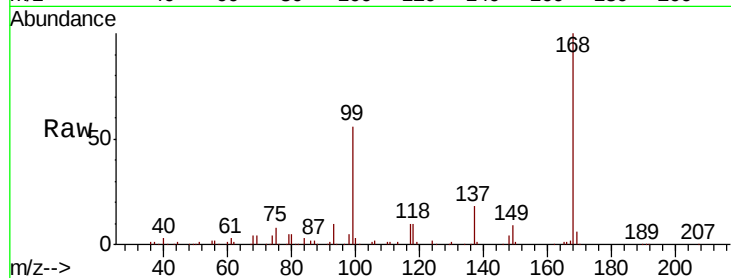




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD065164.D
Acq: 12 Feb 2020 15:48

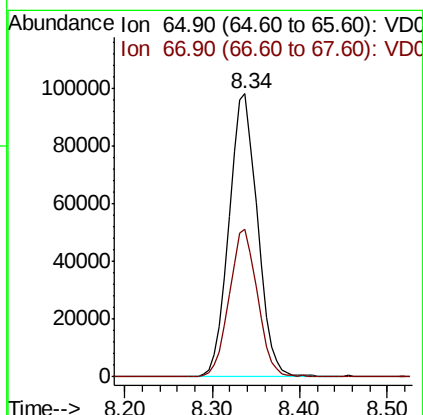
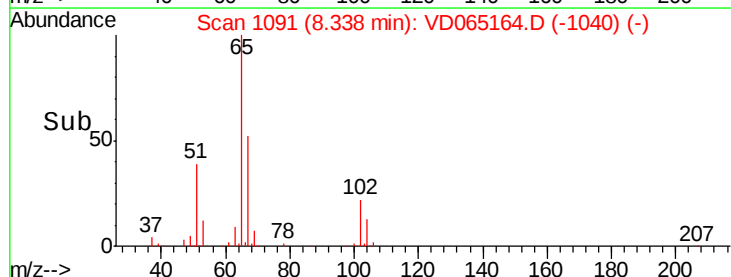
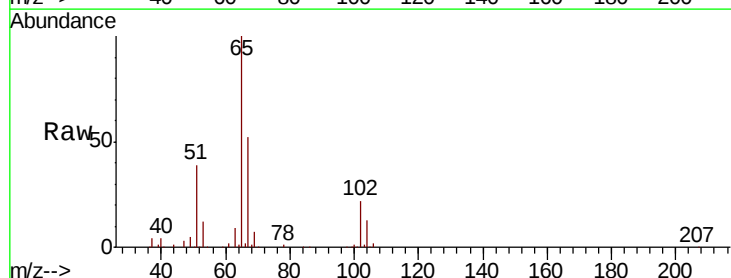
Instrument :
MSVOA_D
ClientSampleId :

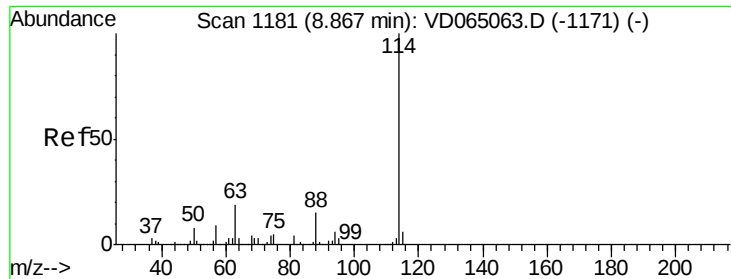
Tot Ion: 56 Resp: 10006
Ion Ratio Lower Upper
56 100
69 156.3 26.6 40.0#
84 129.5 70.6 106.0#



#33
1,2-Dichloroethane-d4
Concen: 54.943 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065164.D
Acq: 12 Feb 2020 15:48

Tgt Ion: 65 Resp: 218170
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.8

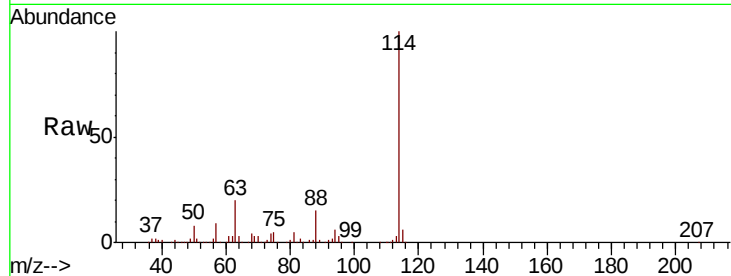




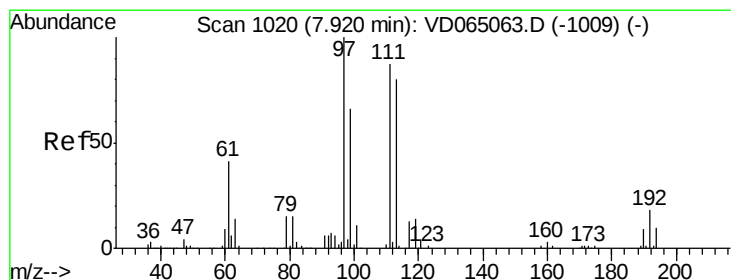
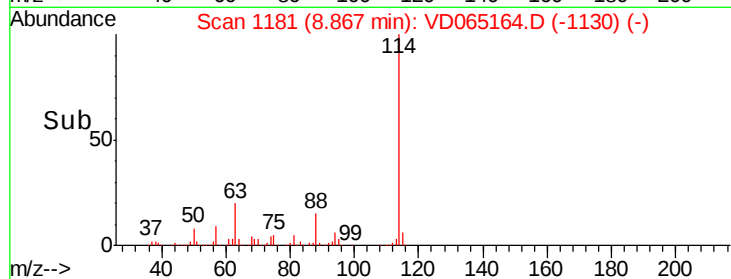
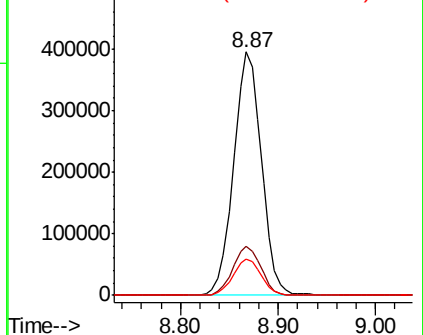
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065164.D
 Acq: 12 Feb 2020 15:48

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.8
88	14.8	0.0	29.6

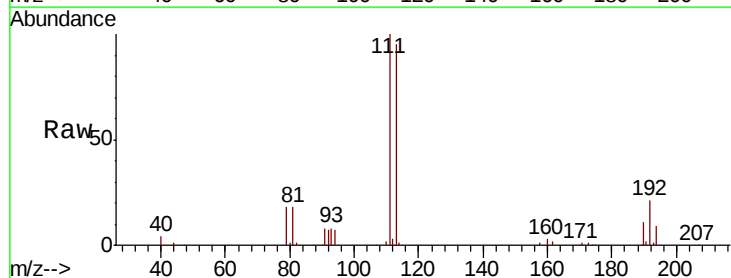


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

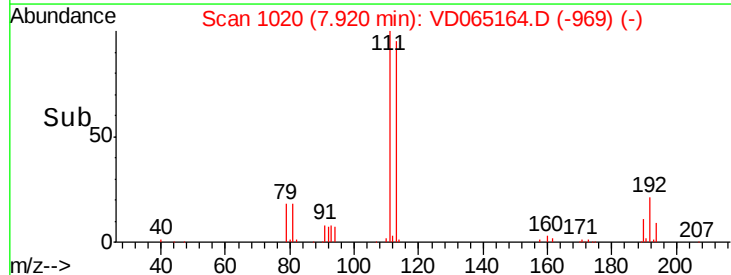
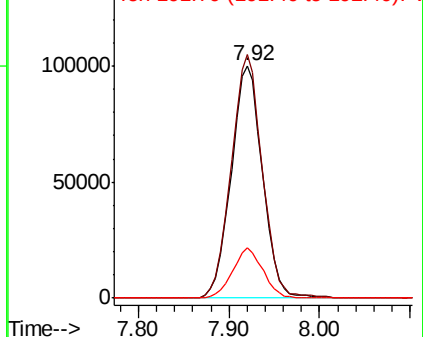


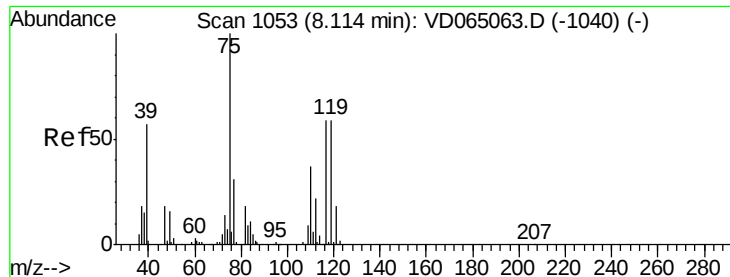
#35
 Dibromofluoromethane
 Concen: 54.867 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065164.D
 Acq: 12 Feb 2020 15:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	20.9	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: 4.977 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065164.D

Acq: 12 Feb 2020 15:48

Instrument :
MSVOA_D
ClientSampleId :

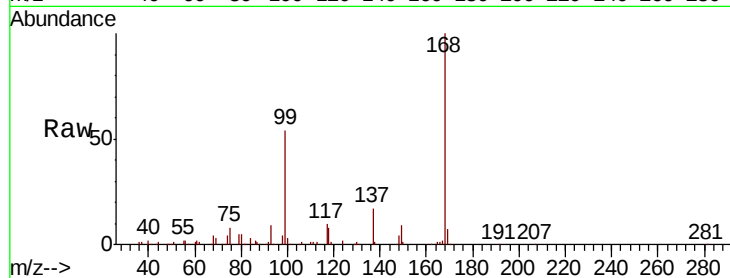
Tot Ion: 75 Resp: 36263

Ion Ratio Lower Upper

75 100

110 8.1 18.1 54.3#

77 0.0 24.7 37.1#

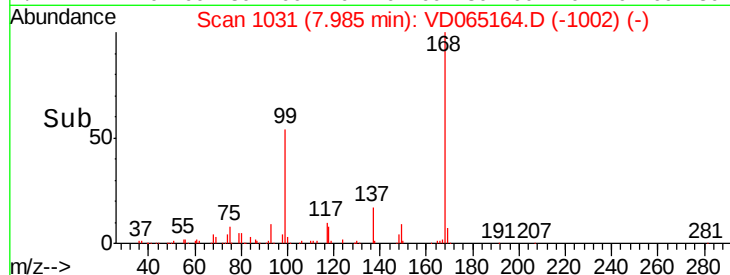


Abundance Ion 74.90 (74.60 to 75.60): VD065164.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VD065164.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VD065164.D (-1002) (-)

Time-->

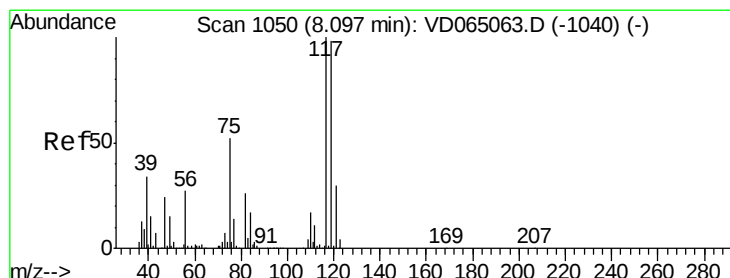


Abundance Ion 74.90 (74.60 to 75.60): VD065164.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VD065164.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VD065164.D (-1002) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.009 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065164.D

Acq: 12 Feb 2020 15:48

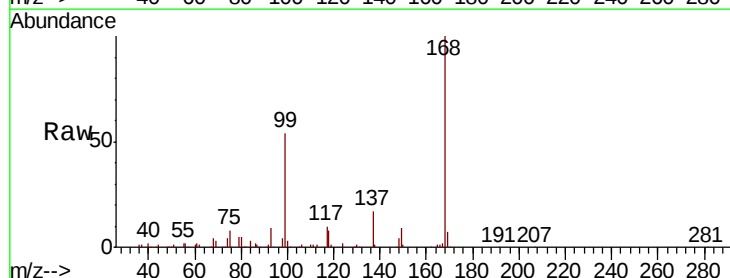
Tgt Ion: 117 Resp: 44716

Ion Ratio Lower Upper

117 100

119 6.6 78.5 117.7#

121 0.0 23.8 35.6#

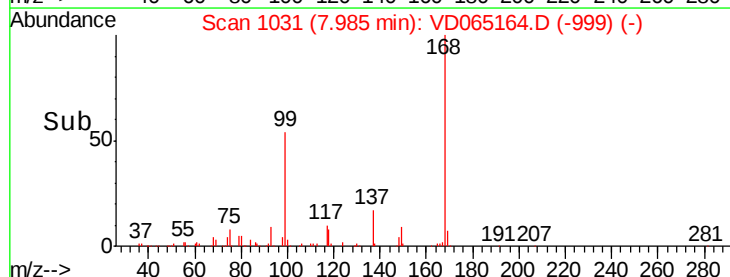


Abundance Ion 116.80 (116.50 to 117.50): VD065164.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD065164.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD065164.D (-999) (-)

Time-->

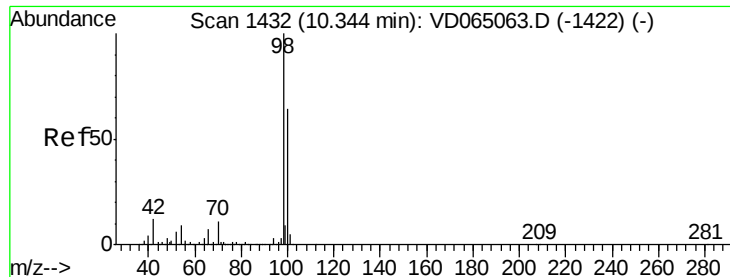


Abundance Ion 116.80 (116.50 to 117.50): VD065164.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD065164.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD065164.D (-999) (-)

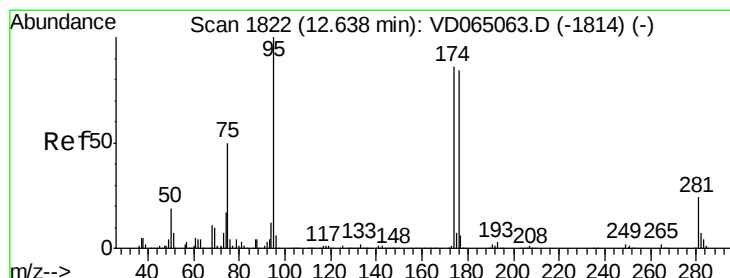
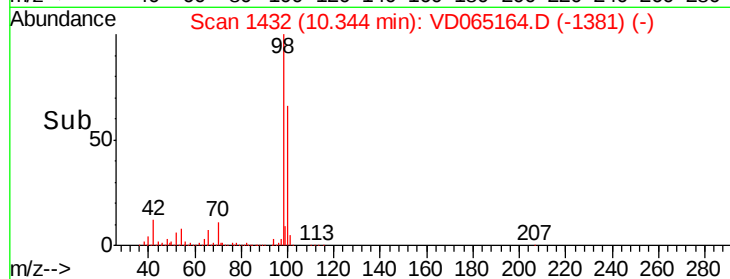
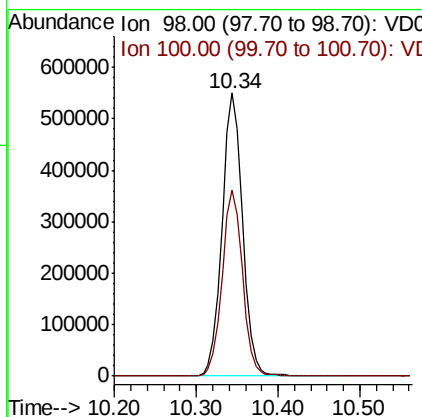
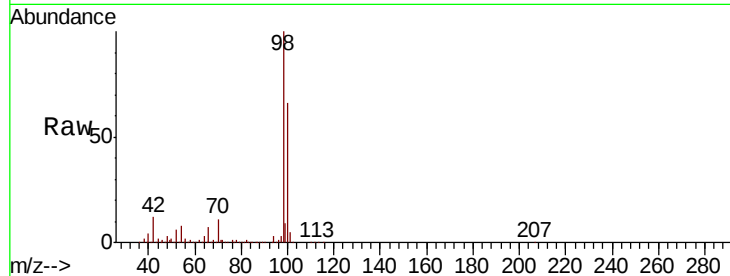
Time-->



#50
Toluene-d8
Concen: 55.286 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065164.D
Acq: 12 Feb 2020 15:48

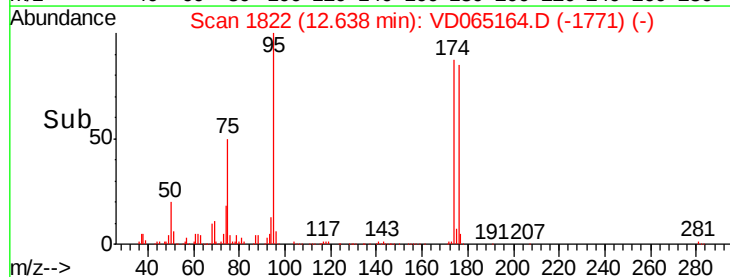
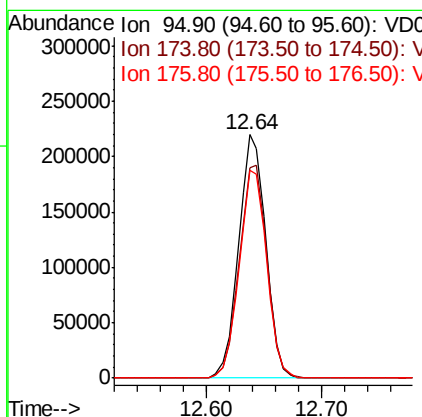
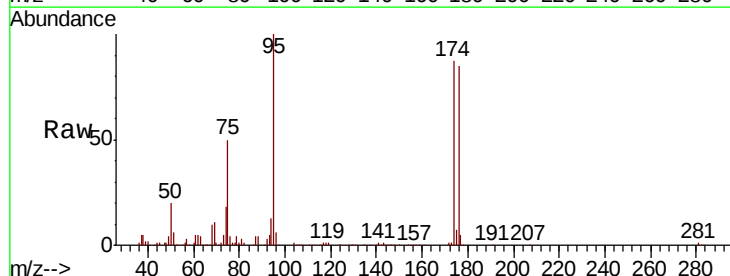
Instrument :
MSVOA_D
ClientSampleId :

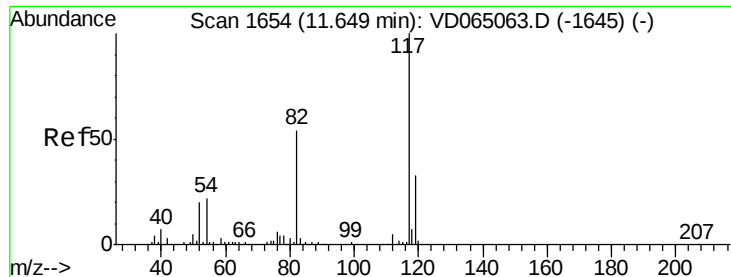
Tot Ion: 98 Resp: 962075
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 64.906 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065164.D
Acq: 12 Feb 2020 15:48

Tgt Ion: 95 Resp: 357887
Ion Ratio Lower Upper
95 100
174 89.1 0.0 180.0
176 86.3 0.0 173.2

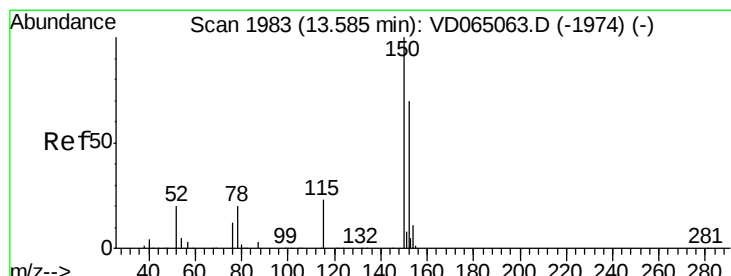
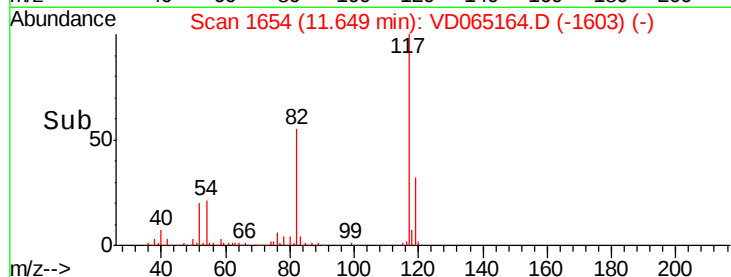
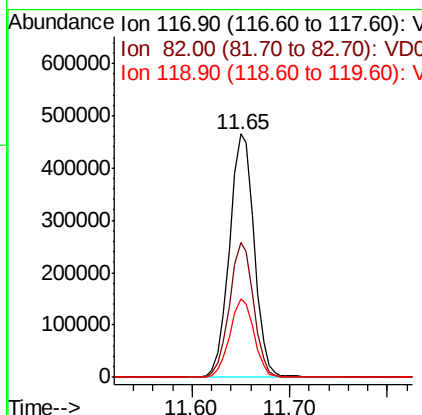
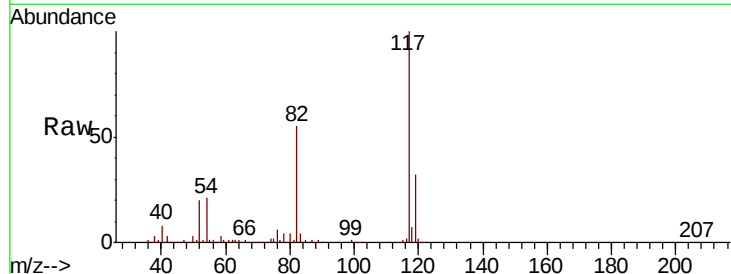




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065164.D
Acq: 12 Feb 2020 15:48

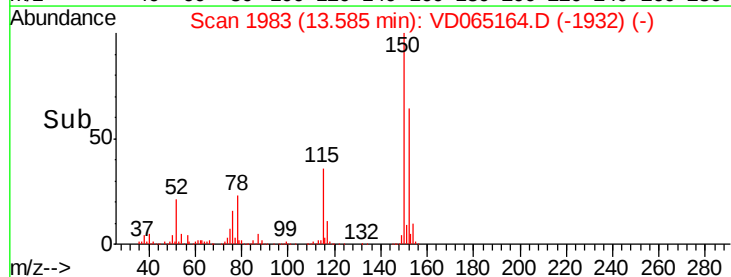
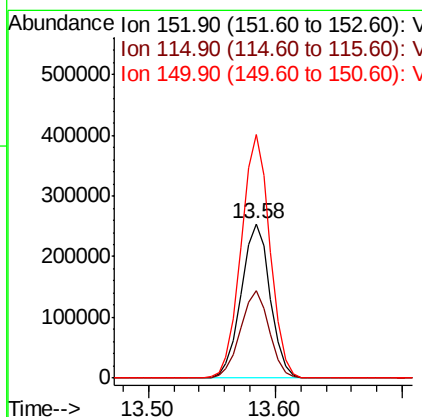
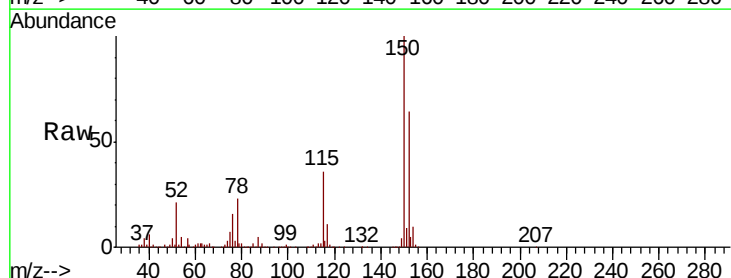
Instrument :
MSVOA_D
ClientSampleId :

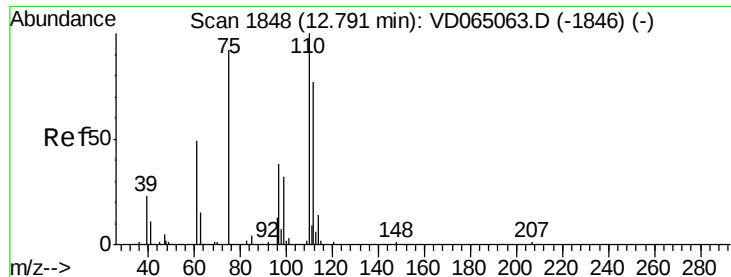
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.1	64.7
119	32.4	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065164.D
Acq: 12 Feb 2020 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.5	82.4
150	156.5	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 60.182 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065164.D

Acq: 12 Feb 2020 15:48

Instrument :

MSVOA_D

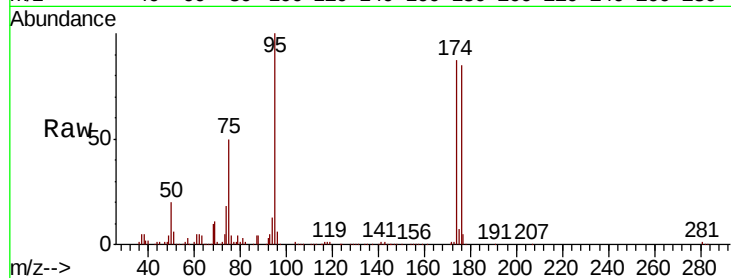
ClientSampleId :

Tot Ion: 75 Resp: 183505

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

120000

100000

80000

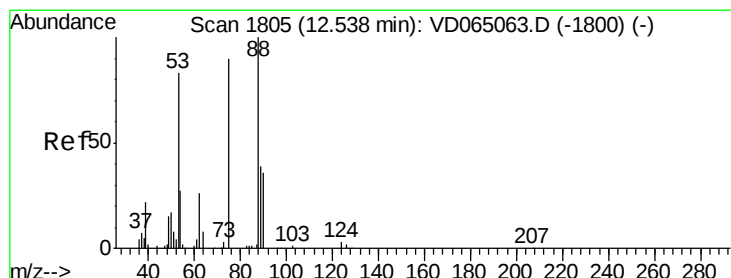
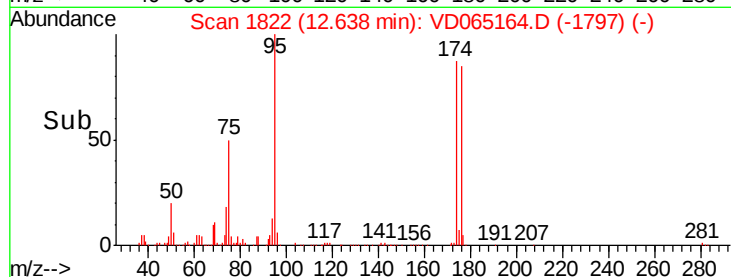
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 120.360 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065164.D

Acq: 12 Feb 2020 15:48

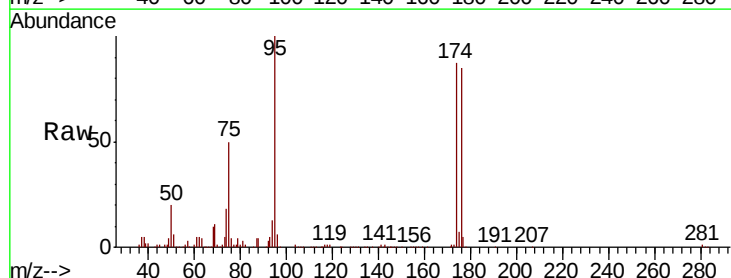
Tgt Ion: 75 Resp: 183505

Ion Ratio Lower Upper

75 100

53 0.0 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

150000

100000

50000

0

Time-->

