

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065398.D
 Acq On : 03 Mar 2020 17:00
 Operator : VA/SY
 Sample : L1775-07
 Misc : 8.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 04:53:43 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

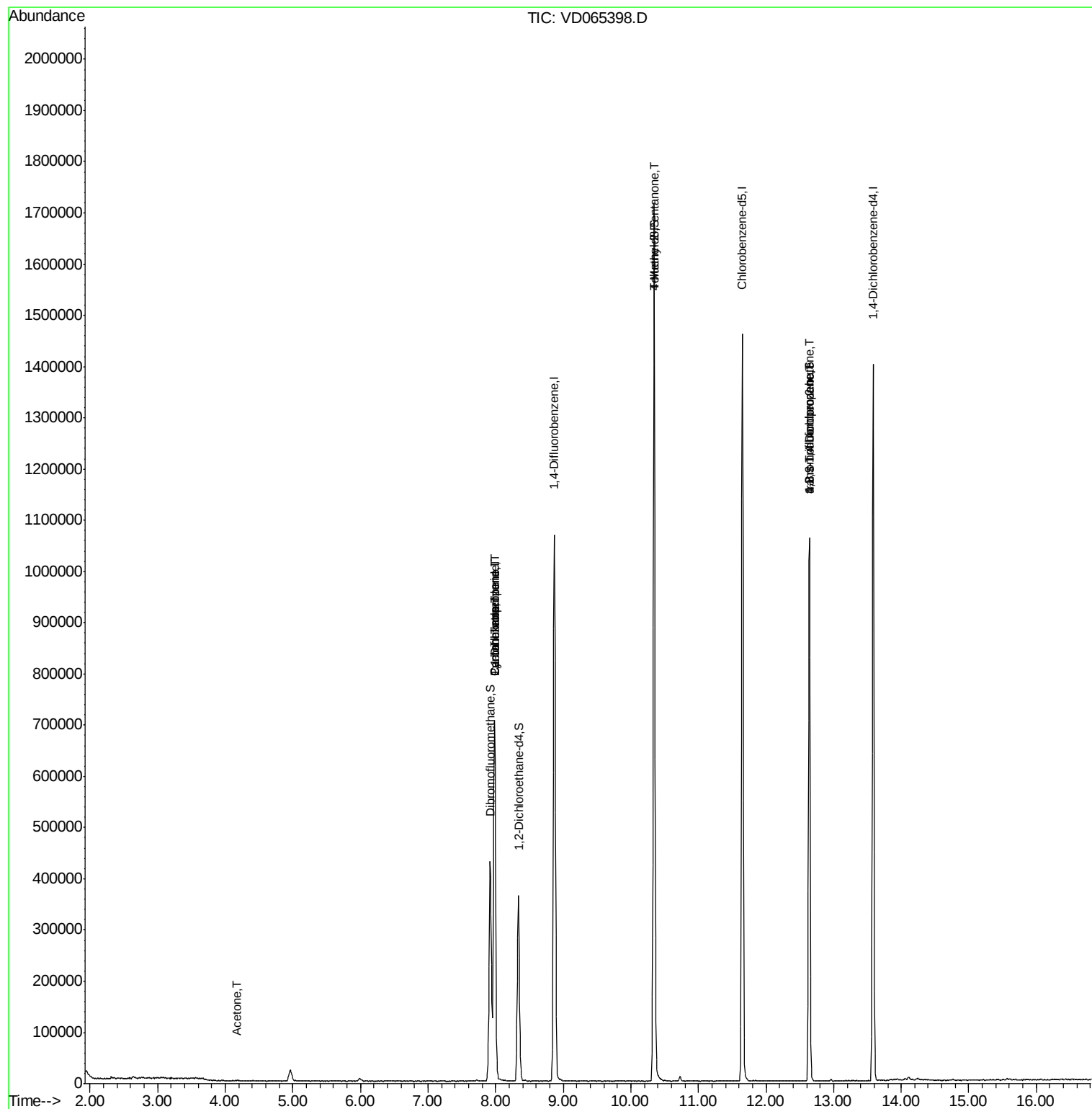
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	548300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	950468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	859366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	388999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	286298	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
35) Dibromofluoromethane	7.92	113	305904	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	10.34	98	1146644	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.64	95	344938	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	1345	1.115	ug/l #	86
20) Methylene Chloride	4.97	84	16937	Below Cal	#	77
31) Cyclohexane	7.98	56	10214	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	39445	4.265	ug/l #	49
38) Carbon Tetrachloride	7.98	117	52772	5.605	ug/l #	17
51) 4-Methyl-2-Pentanone	10.35	43	4206	1.178	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	166577	50.330	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	166577	108.671	ug/l #	11

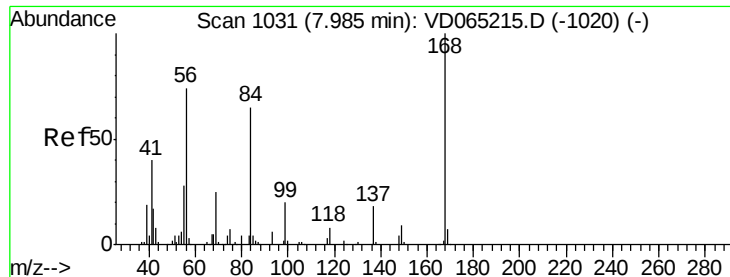
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065398.D

Acq: 03 Mar 2020 17:00

Instrument :

MSVOA_D

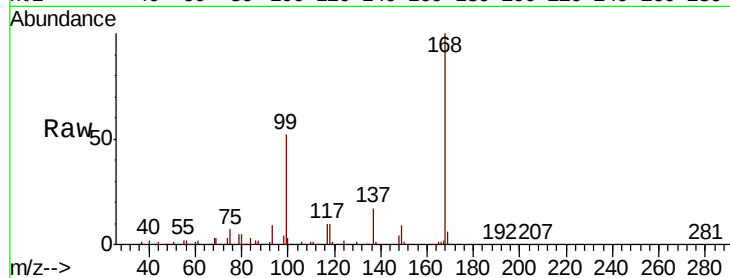
ClientSampleId :

Tot Ion:168 Resp: 548300

Ion Ratio Lower Upper

168 100

99 52.5 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

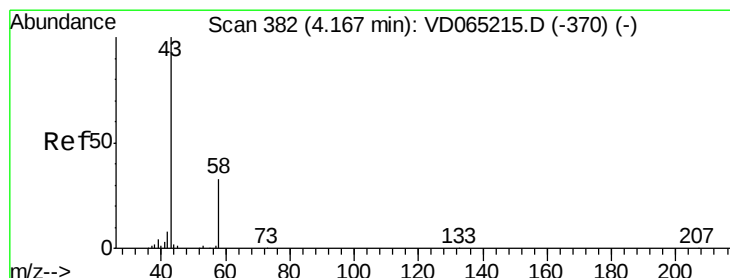
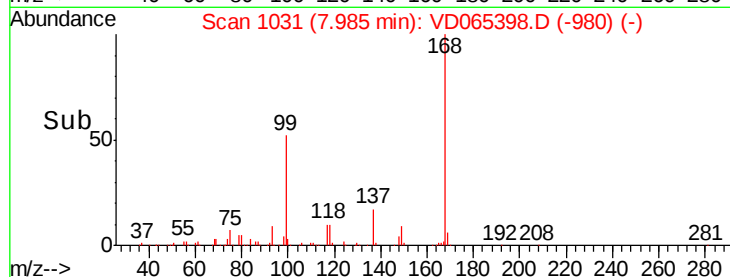
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.115 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065398.D

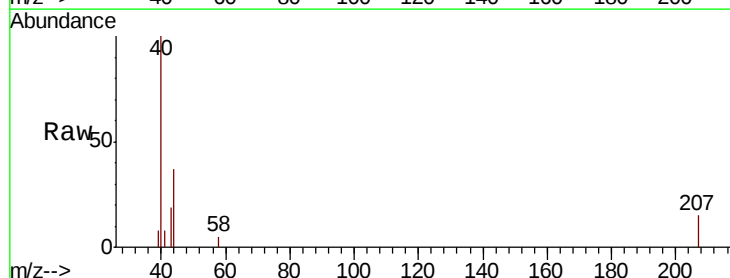
Acq: 03 Mar 2020 17:00

Tgt Ion: 43 Resp: 1345

Ion Ratio Lower Upper

43 100

58 25.0 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

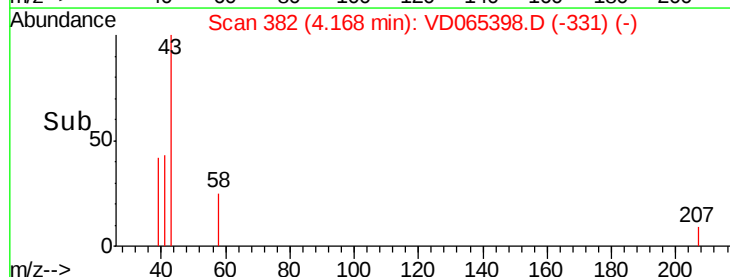
600

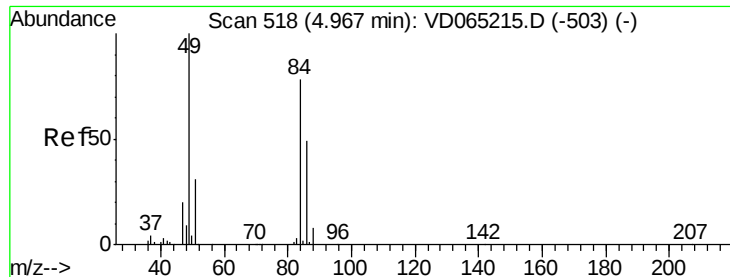
400

200

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065398.D

Acq: 03 Mar 2020 17:00

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 84 Resp: 16937

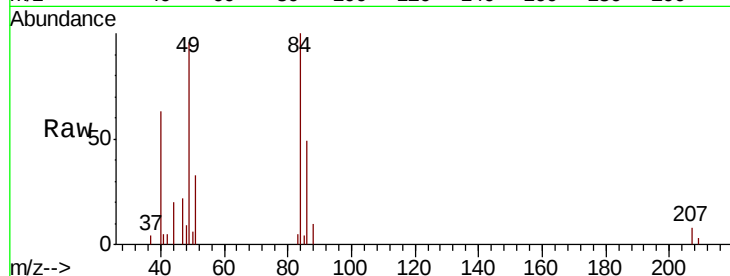
Ion Ratio Lower Upper

84 100

49 96.5 103.1 154.7#

51 33.0 31.7 47.5

86 48.7 50.9 76.3#

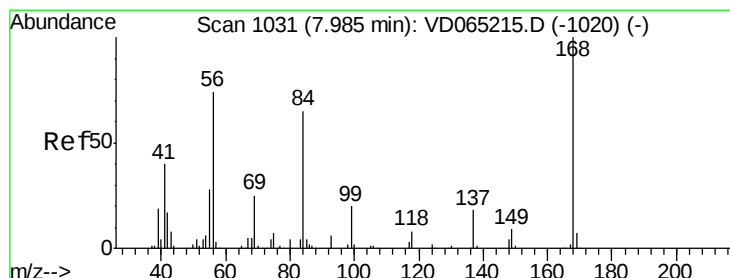
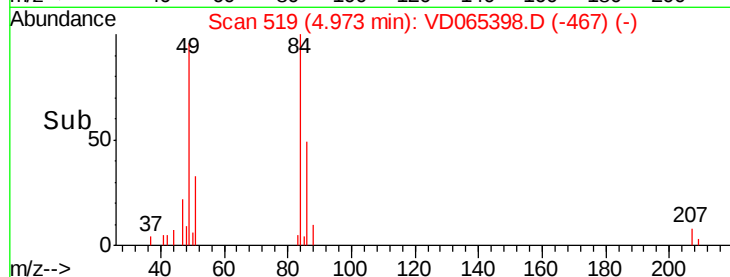
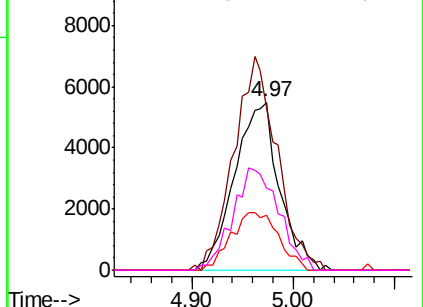


Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 1.053 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065398.D

Acq: 03 Mar 2020 17:00

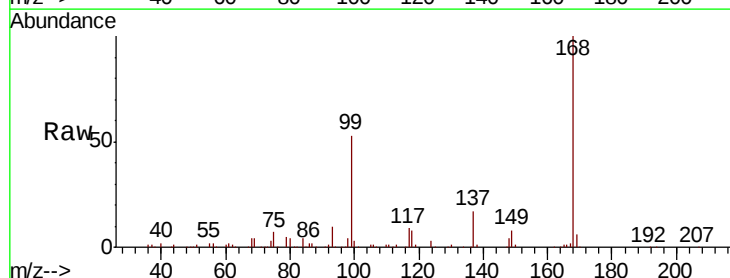
Tgt Ion: 56 Resp: 10214

Ion Ratio Lower Upper

56 100

69 194.7 27.4 41.0#

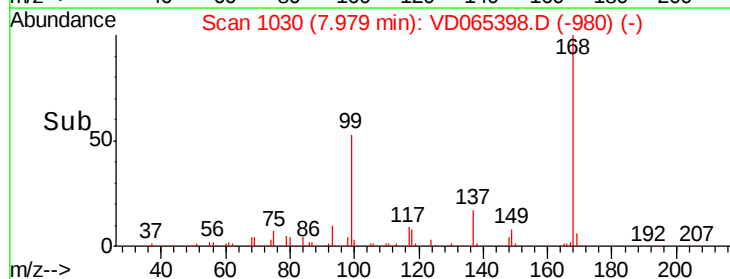
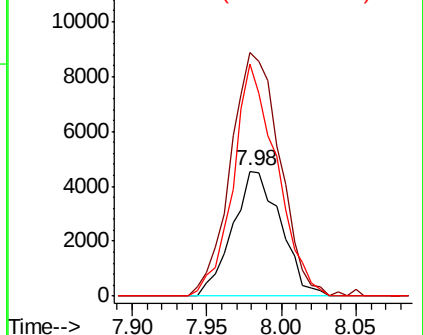
84 190.0 71.1 106.7#

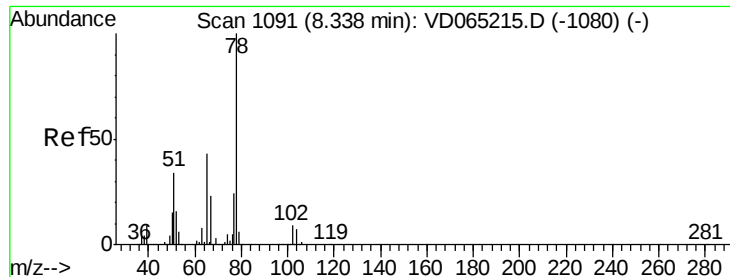


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

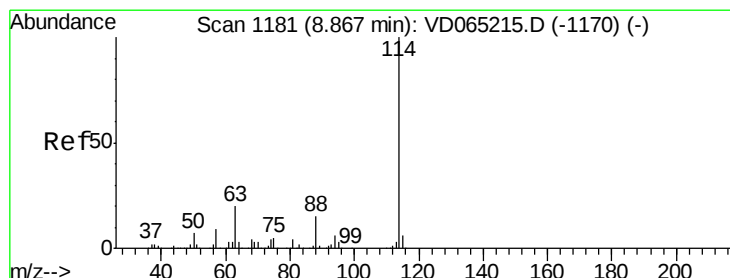
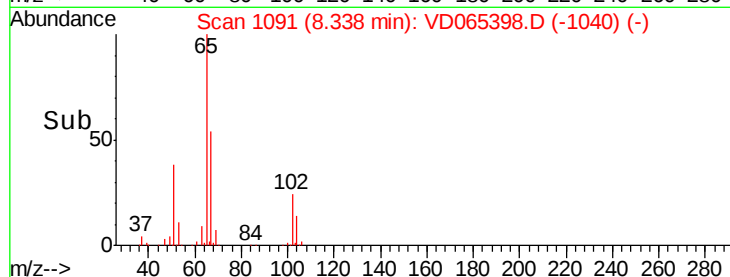
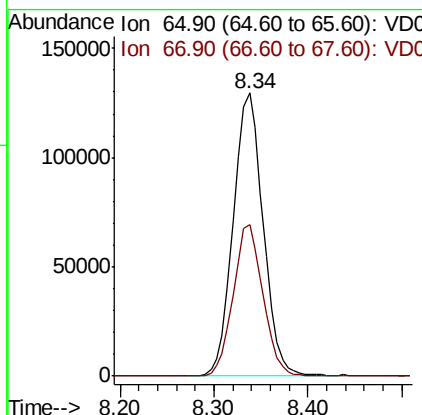
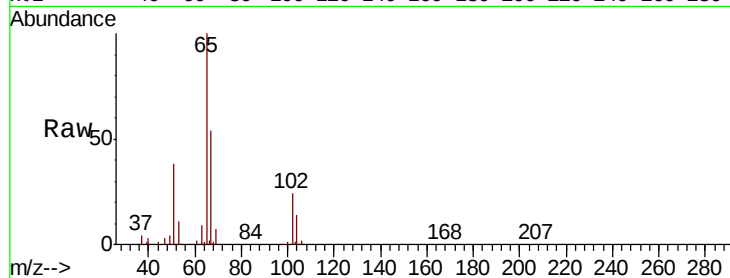




#33
 1,2-Dichloroethane-d4
 Concen: 58.042 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065398.D
 Acq: 03 Mar 2020 17:00

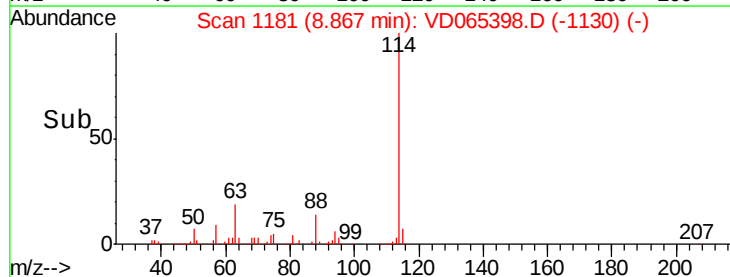
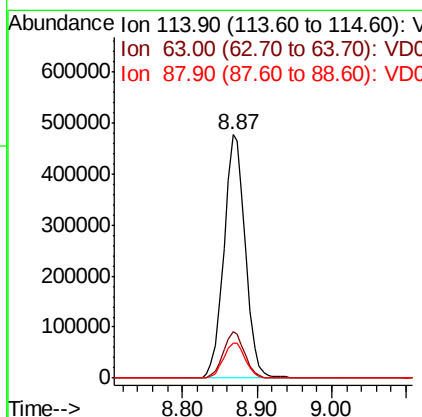
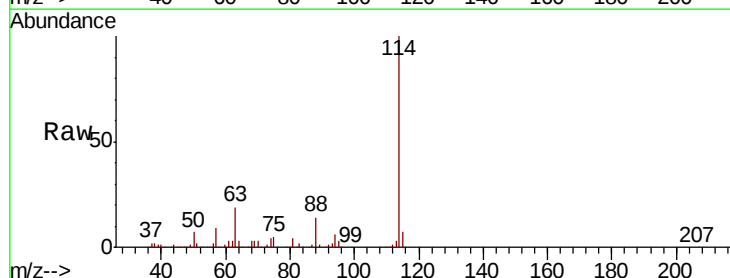
Instrument :
 MSVOA_D
 ClientSampleId :

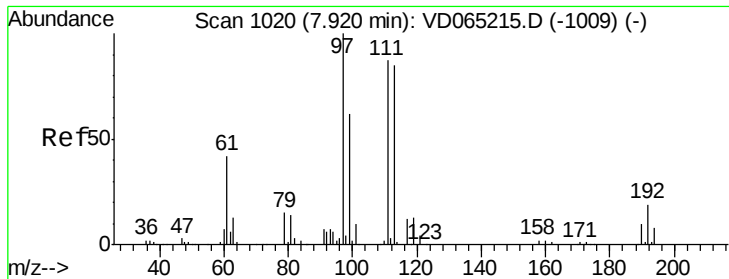
Tot Ion: 65 Resp: 286298
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065398.D
 Acq: 03 Mar 2020 17:00

Tgt Ion: 114 Resp: 950468
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.4
 88 14.4 0.0 30.4

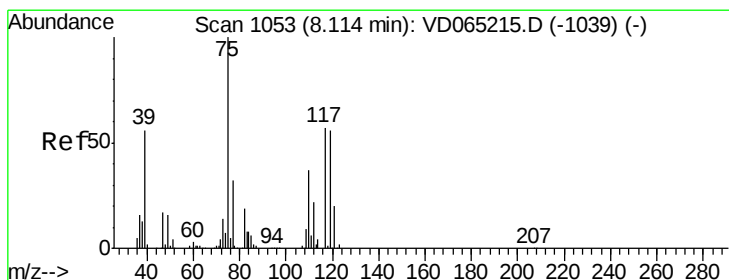
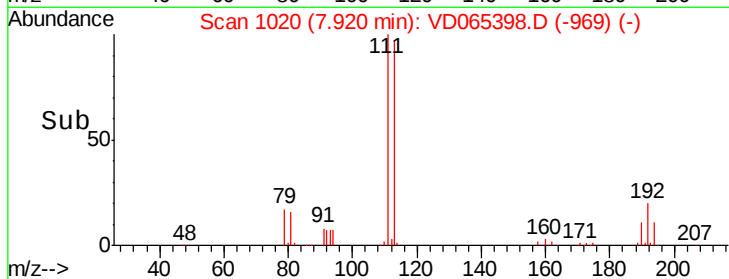
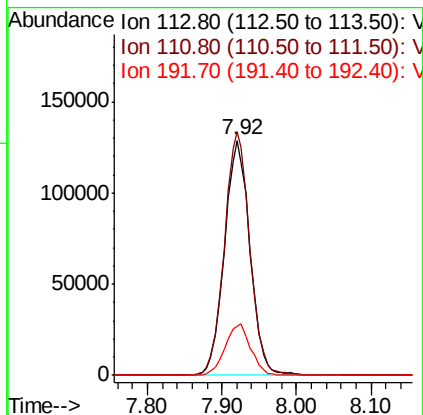
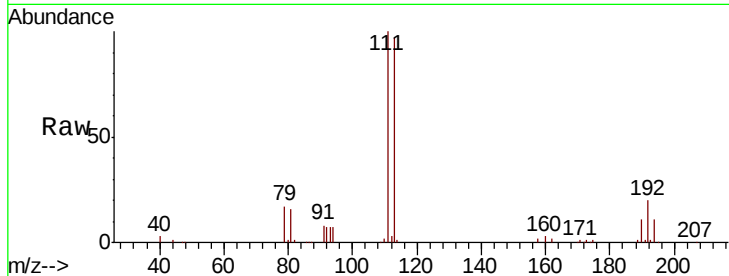




#35
 Dibromofluoromethane
 Concen: 52.784 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065398.D
 Acq: 03 Mar 2020 17:00

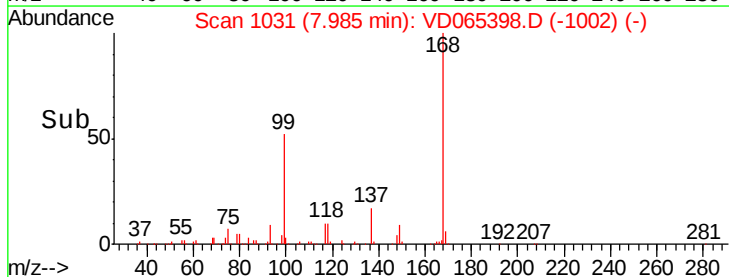
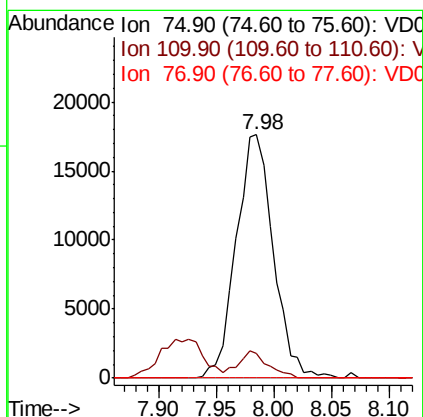
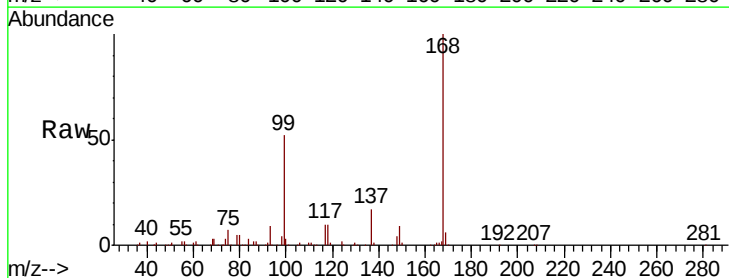
Instrument :
 MSVOA_D
 ClientSampleId :

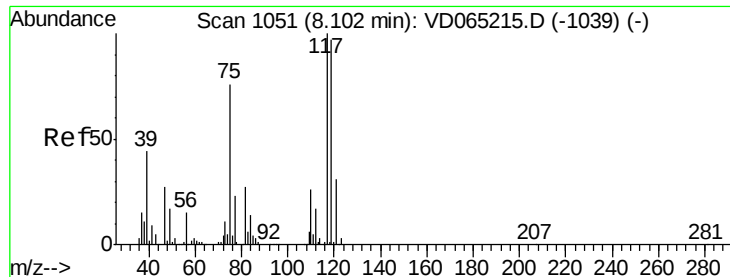
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	21.9	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.265 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065398.D
 Acq: 03 Mar 2020 17:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.9	53.7#
77	0.0	25.1	37.7#

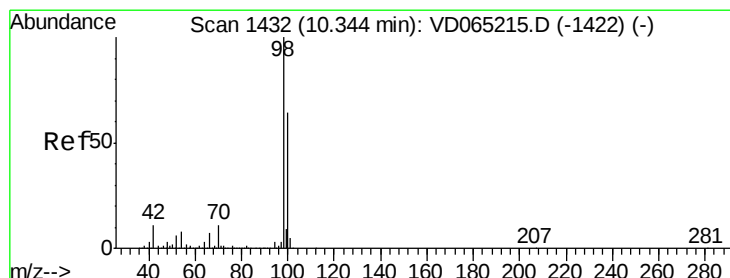
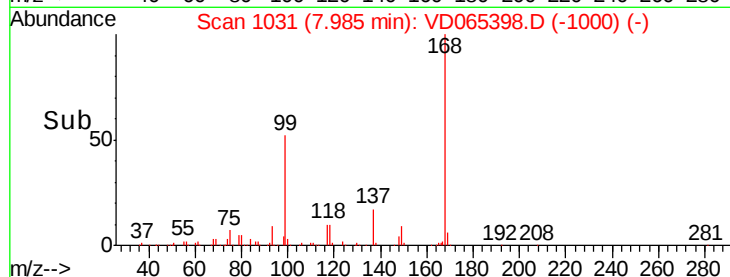
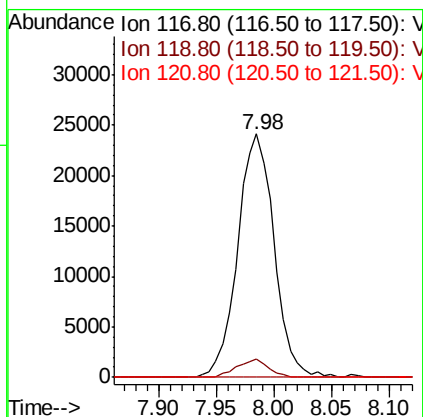
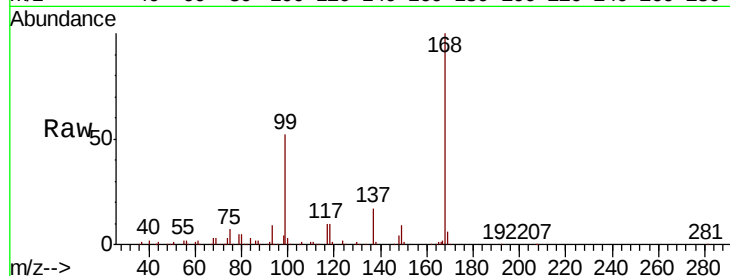




#38
Carbon Tetrachloride
Concen: 5.605 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065398.D
Acq: 03 Mar 2020 17:00

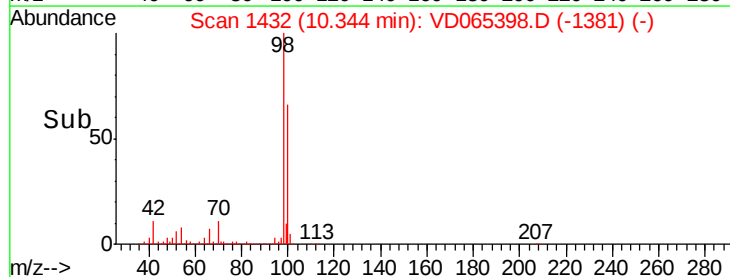
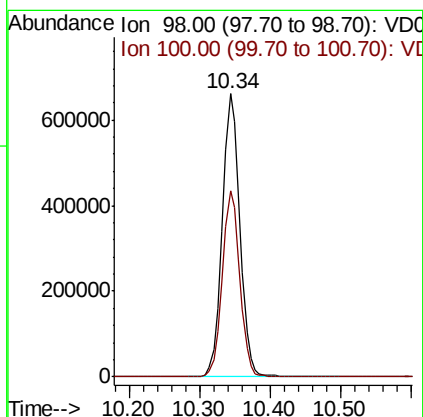
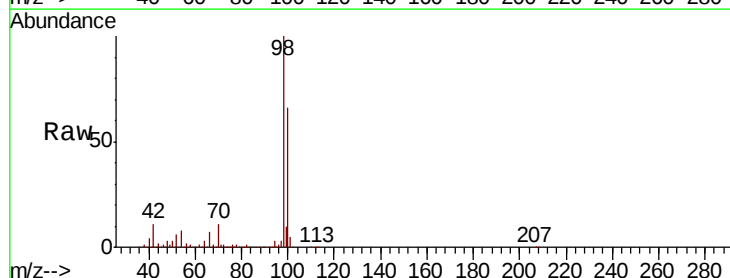
Instrument :
MSVOA_D
ClientSampleId :

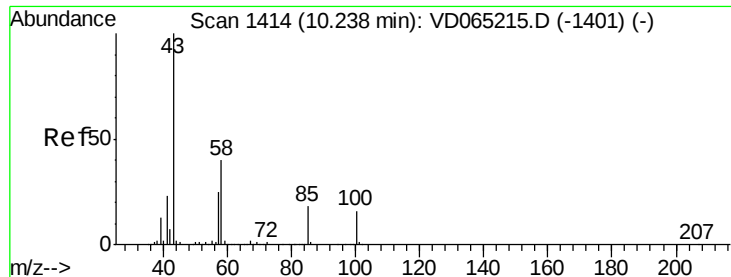
Tot Ion:117 Resp: 52772
Ion Ratio Lower Upper
117 100
119 7.4 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.755 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065398.D
Acq: 03 Mar 2020 17:00

Tgt Ion: 98 Resp: 1146644
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.178 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.11 min

Lab File: VD065398.D

Acq: 03 Mar 2020 17:00

Instrument :

MSVOA_D

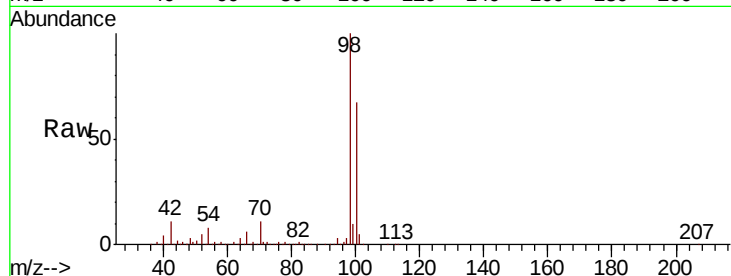
ClientSampleId :

Tot Ion: 43 Resp: 4206

Ion Ratio Lower Upper

43 100

58 207.6 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

6000

5000

4000

3000

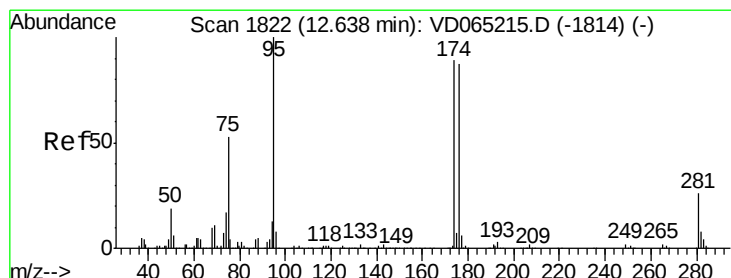
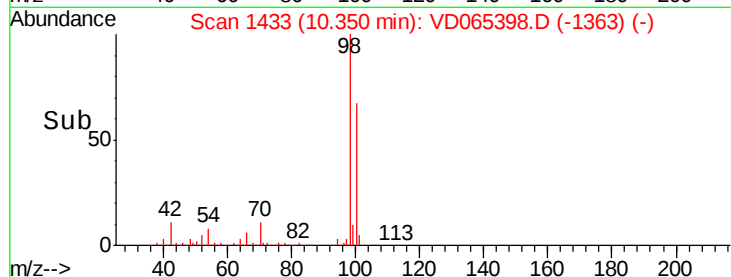
2000

1000

0

10.30 10.35 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 49.146 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065398.D

Acq: 03 Mar 2020 17:00

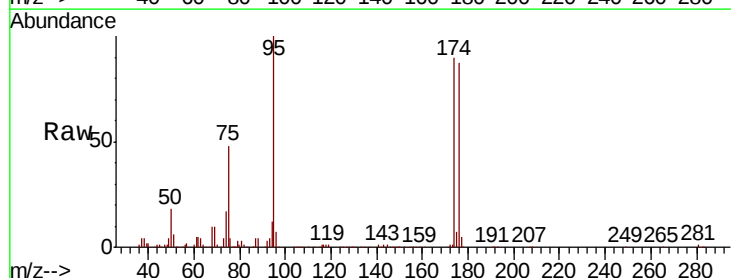
Tgt Ion: 95 Resp: 344938

Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.0

176 87.4 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

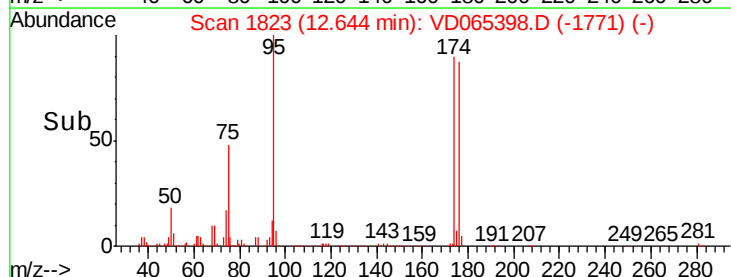
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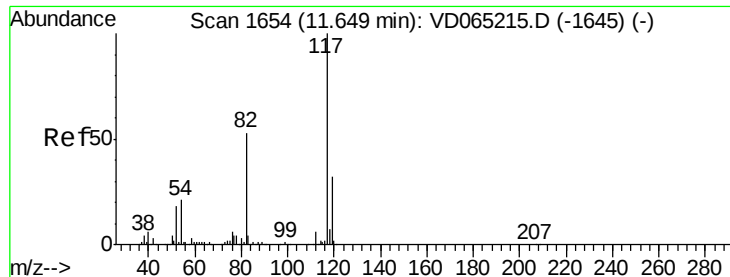
50000

0

12.60 12.64 12.70

Time-->

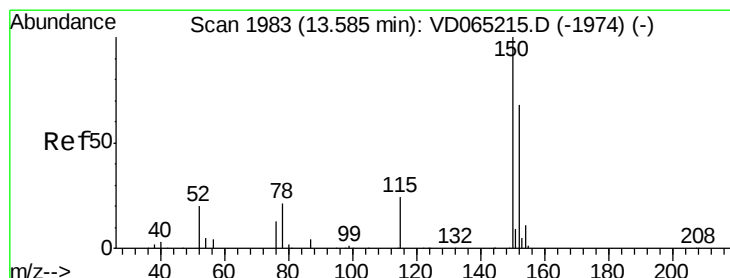
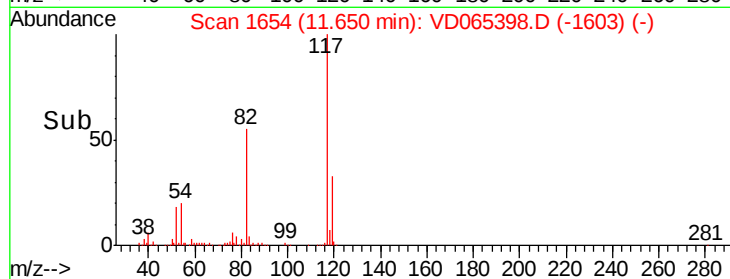
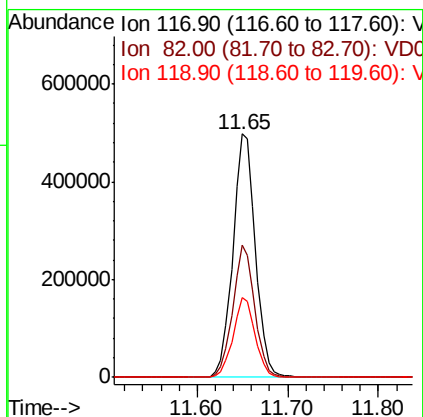
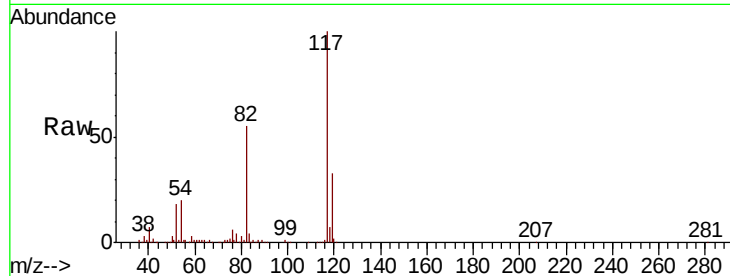




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065398.D
Acq: 03 Mar 2020 17:00

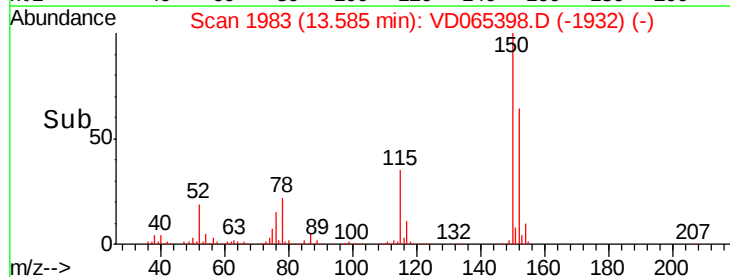
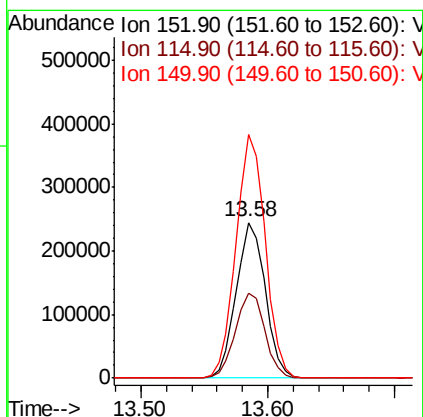
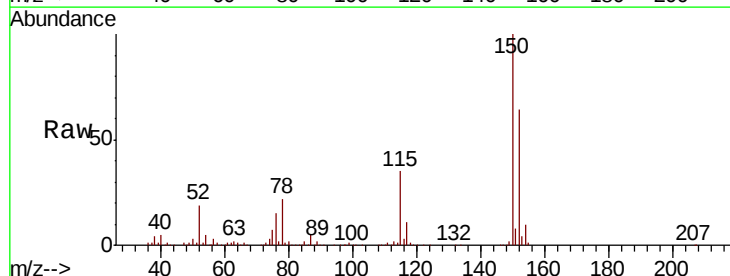
Instrument :
MSVOA_D
ClientSampleId :

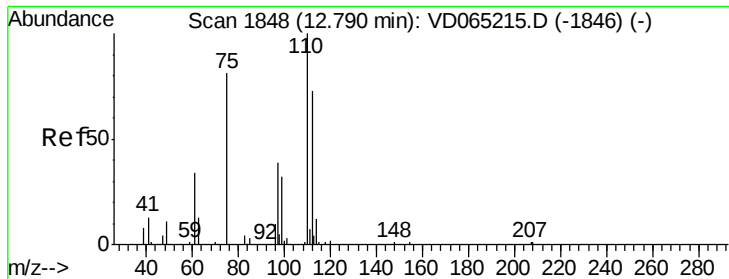
Tot Ion:117 Resp: 859366
Ion Ratio Lower Upper
117 100
82 54.5 42.7 64.1
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065398.D
Acq: 03 Mar 2020 17:00

Tgt Ion:152 Resp: 388999
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 157.4 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 50.330 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065398.D

Acq: 03 Mar 2020 17:00

Instrument :

MSVOA_D

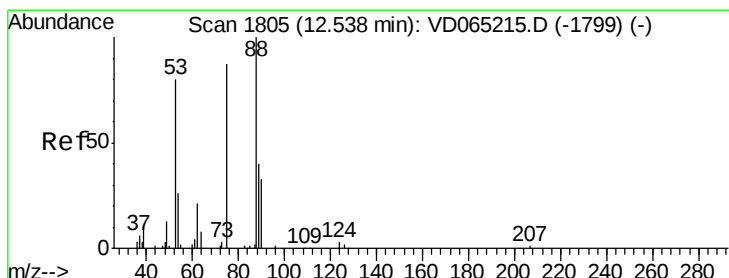
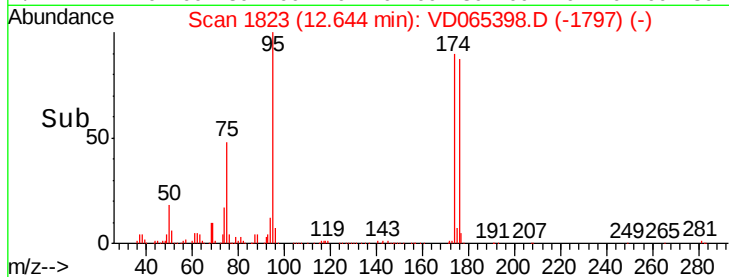
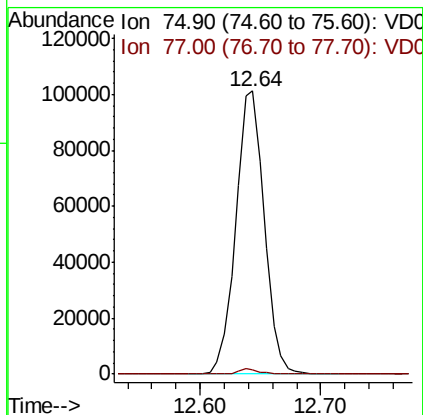
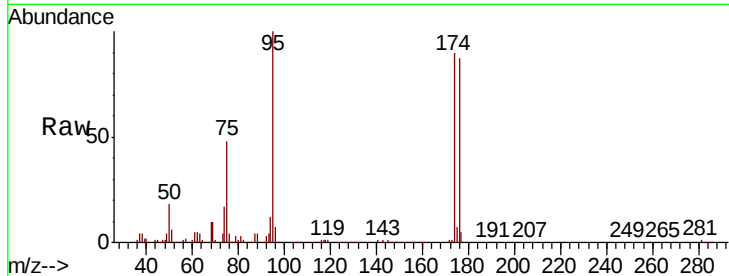
ClientSampled :

Tot Ion: 75 Resp: 166577

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.671 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065398.D

Acq: 03 Mar 2020 17:00

Tgt Ion: 75 Resp: 166577

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.0 37.2 55.8#

