

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065243.D
 Acq On : 19 Feb 2020 17:19
 Operator : VA/SY
 Sample : L1599-02
 Misc : 8.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 20 03:42:30 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

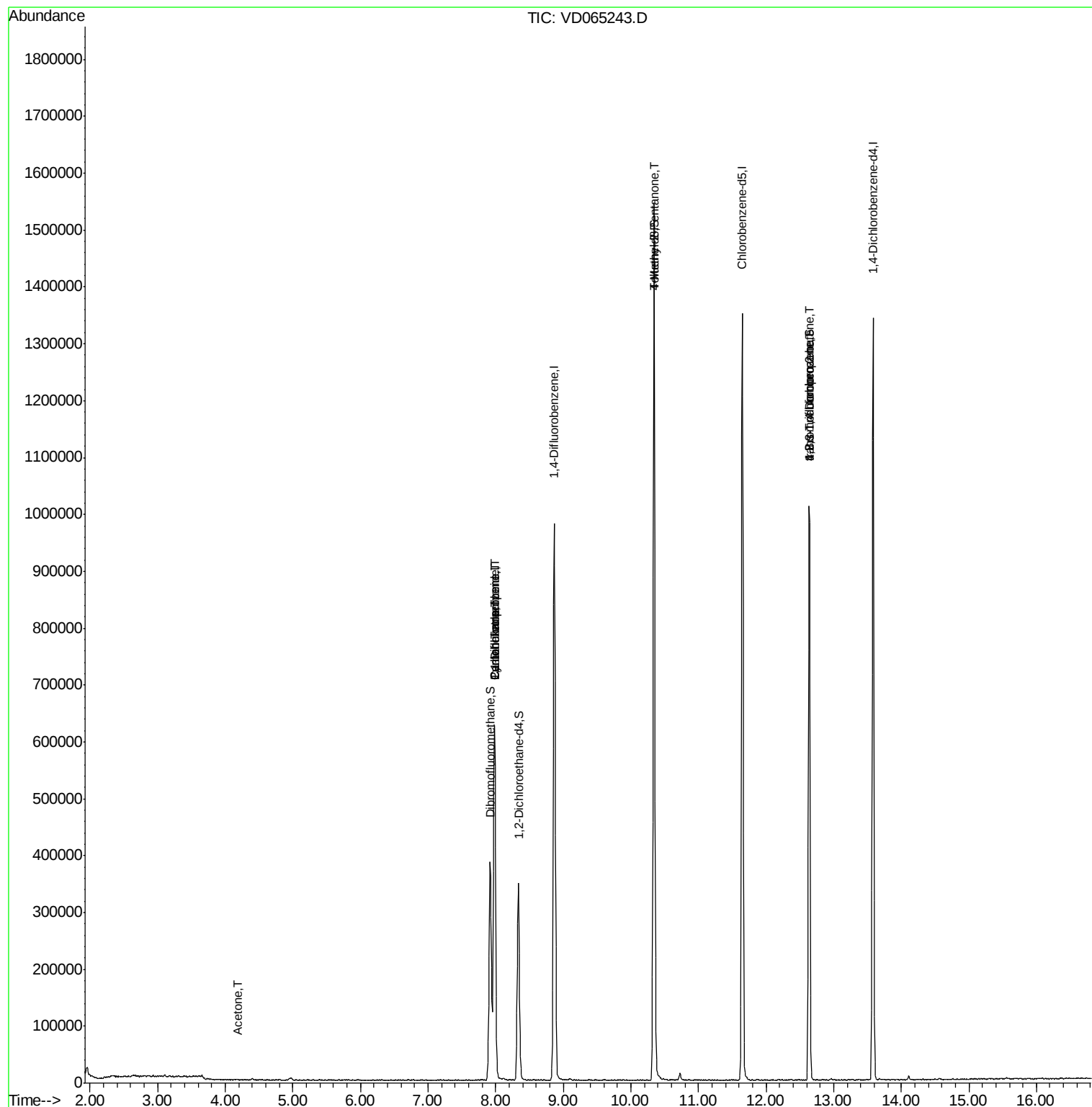
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	495993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	842825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	781864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	359117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	273636	61.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.66%	
35) Dibromofluoromethane	7.92	113	279097	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
50) Toluene-d8	10.34	98	1025251	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.64	95	316175	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	1347	1.235	ug/l #	42
20) Methylene Chloride	4.97	84	2292	Below Cal	#	77
31) Cyclohexane	7.98	56	9949	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	36685	4.473	ug/l #	49
38) Carbon Tetrachloride	7.98	117	46891	5.617	ug/l #	16
51) 4-Methyl-2-Pentanone	10.35	43	4179	1.320	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	159325	52.144	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	159325	112.588	ug/l #	11

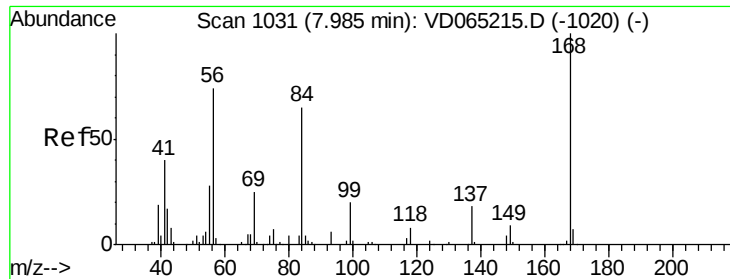
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065243.D

Acq: 19 Feb 2020 17:19

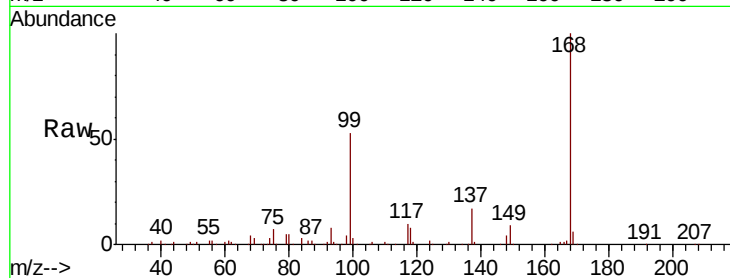
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 495993

Ion Ratio Lower Upper

168 100

99 53.4 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

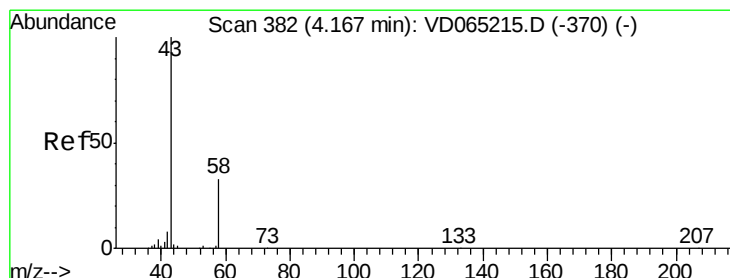
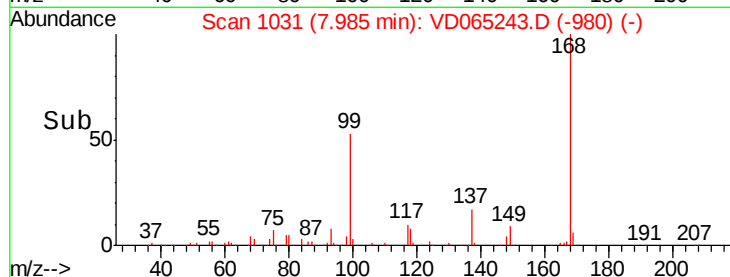
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.235 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065243.D

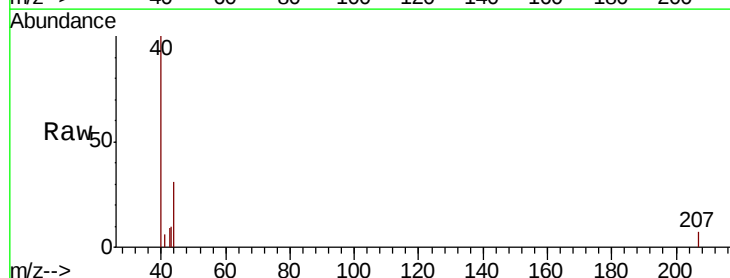
Acq: 19 Feb 2020 17:19

Tgt Ion: 43 Resp: 1347

Ion Ratio Lower Upper

43 100

58 0.0 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

800

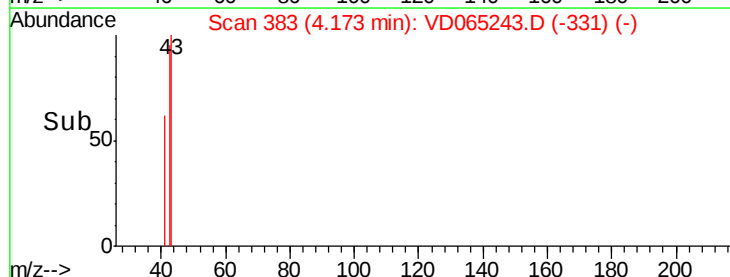
600

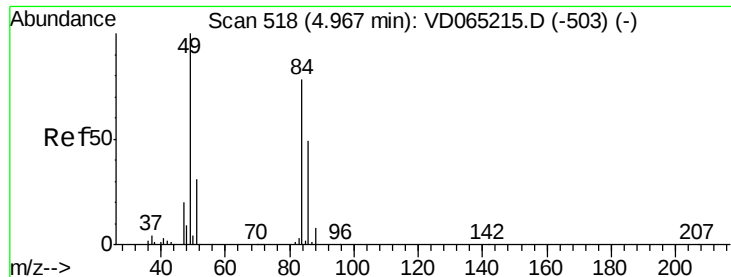
400

200

0

Time-->

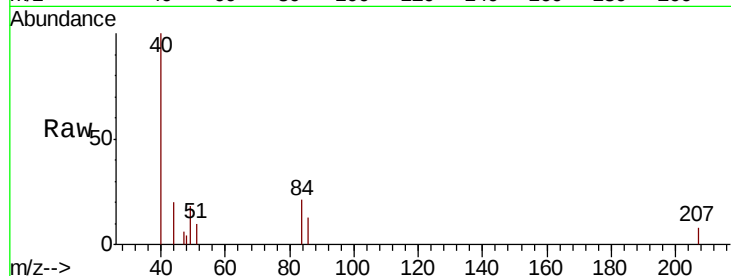




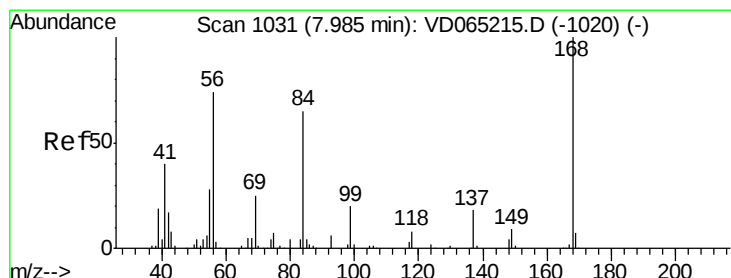
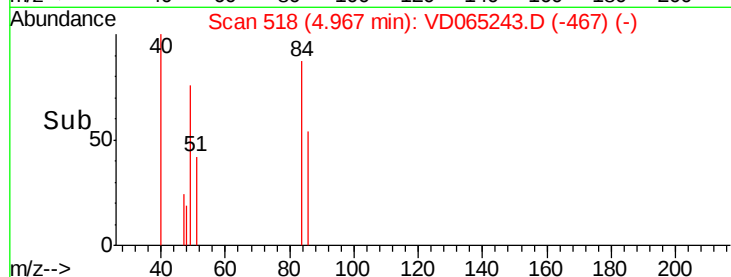
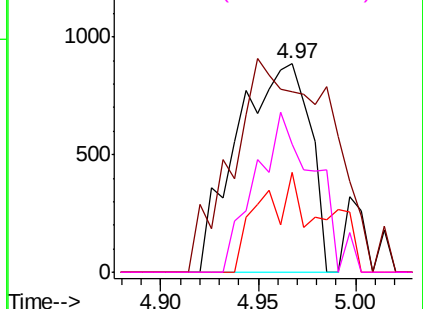
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065243.D
Acq: 19 Feb 2020 17:19

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 2292
Ion Ratio Lower Upper
84 100
49 86.7 103.1 154.7#
51 47.8 31.7 47.5#
86 61.7 50.9 76.3

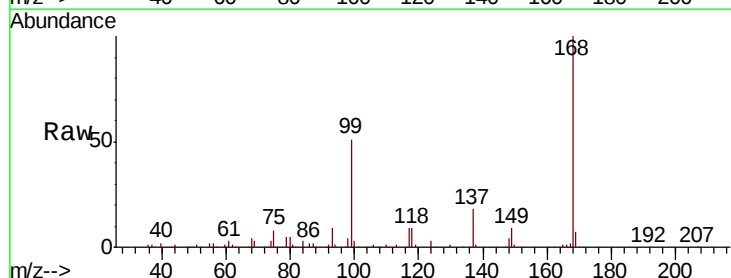


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

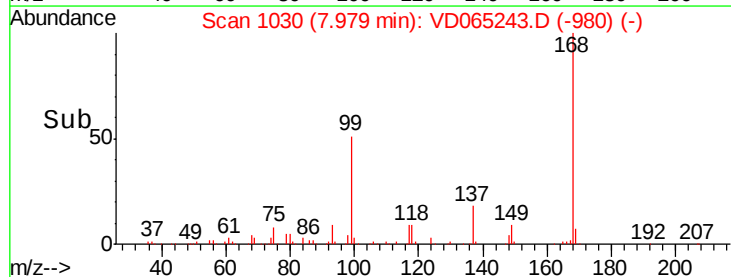
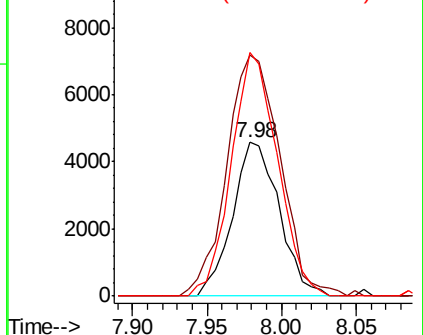


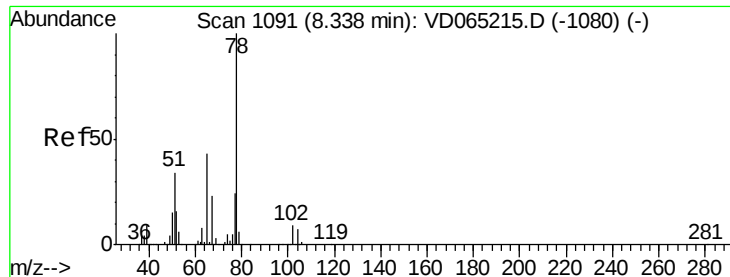
#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065243.D
Acq: 19 Feb 2020 17:19

Tgt Ion: 56 Resp: 9949
Ion Ratio Lower Upper
56 100
69 154.0 27.4 41.0#
84 158.6 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: 61.326 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065243.D

Acq: 19 Feb 2020 17:19

Instrument :

MSVOA_D

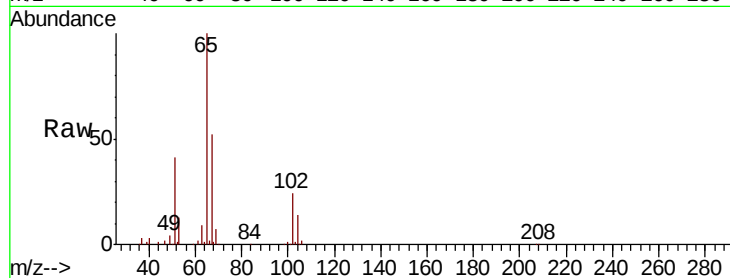
ClientSampleId :

Tot Ion: 65 Resp: 273636

Ion Ratio Lower Upper

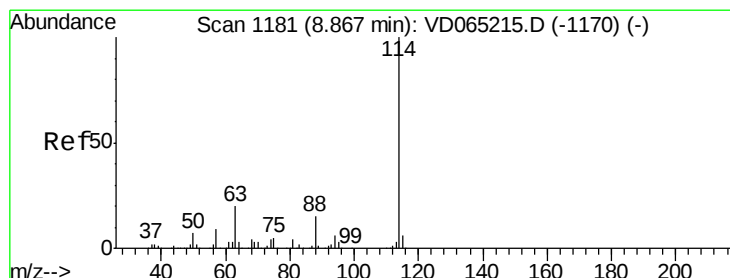
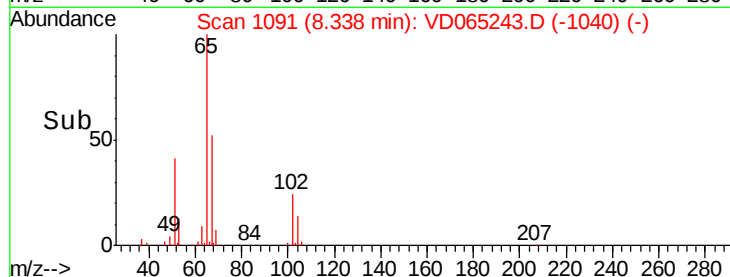
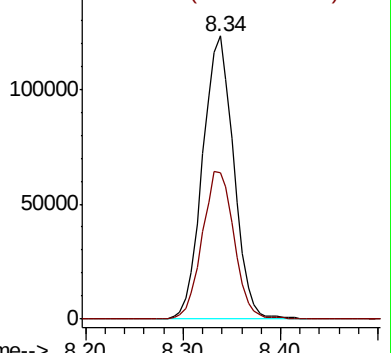
65 100

67 53.6 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# 1181

Delta R.T. -0.00 min

Lab File: VD065243.D

Acq: 19 Feb 2020 17:19

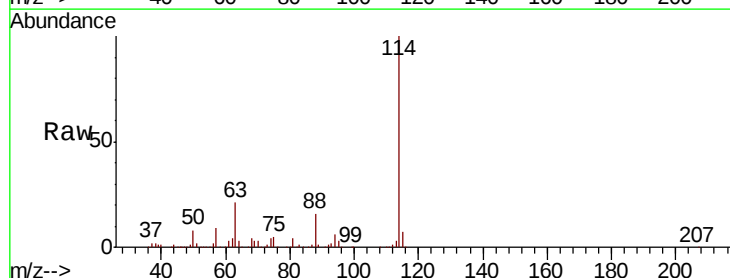
Tgt Ion: 114 Resp: 842825

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.4

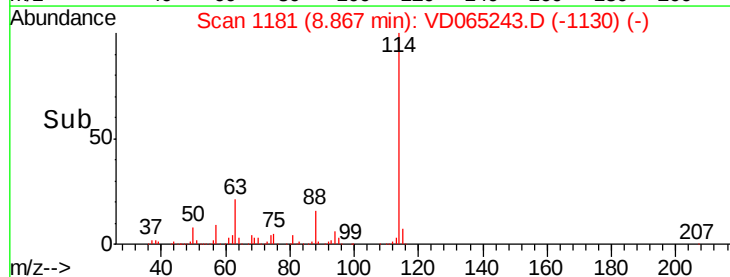
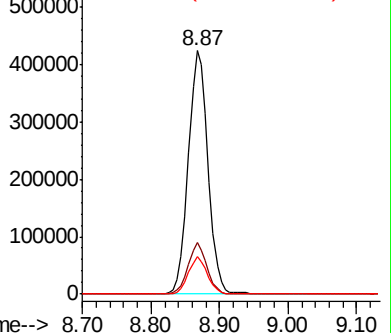
88 15.6 0.0 30.4

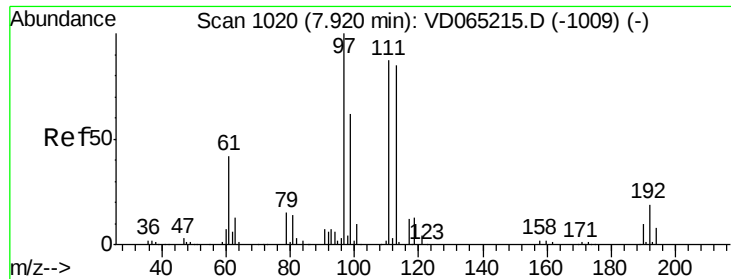


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

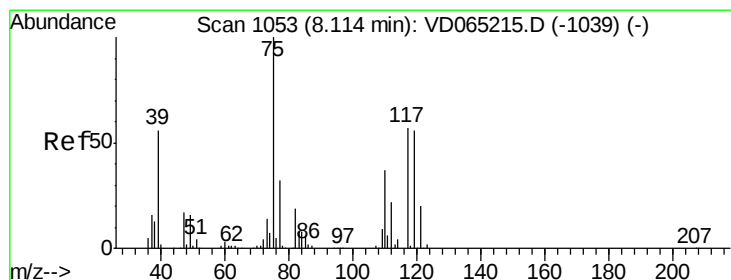
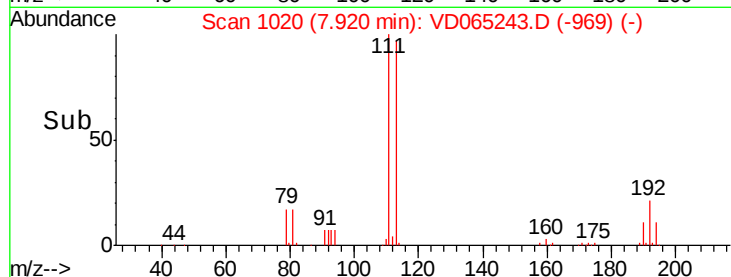
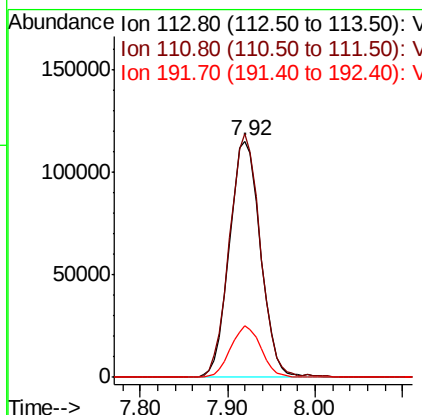
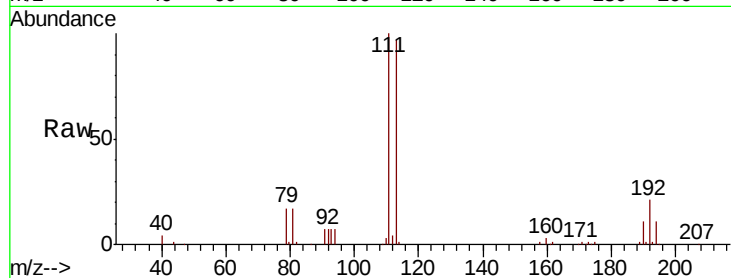




#35
Dibromofluoromethane
Concen: 54.309 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065243.D
Acq: 19 Feb 2020 17:19

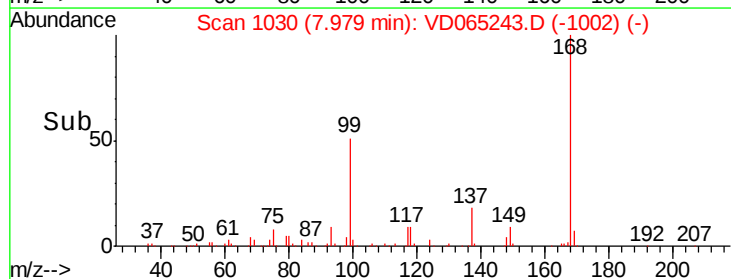
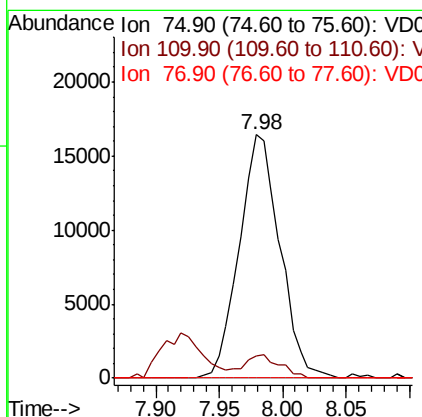
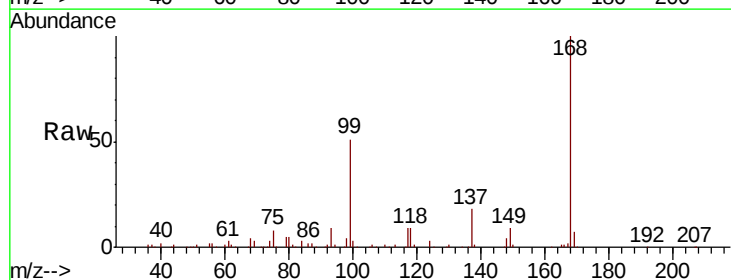
Instrument :
MSVOA_D
ClientSampleId :

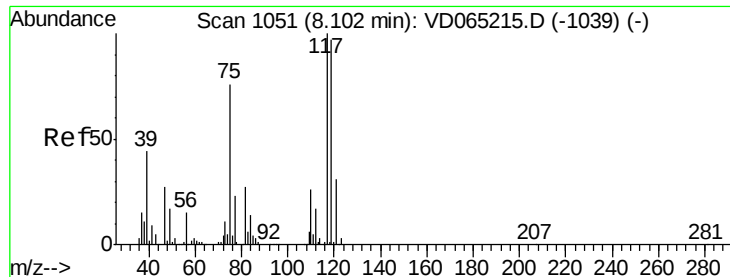
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	21.2	17.3	25.9



#36
1,1-Dichloropropene
Concen: 4.473 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD065243.D
Acq: 19 Feb 2020 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.9	53.7#
77	0.0	25.1	37.7#

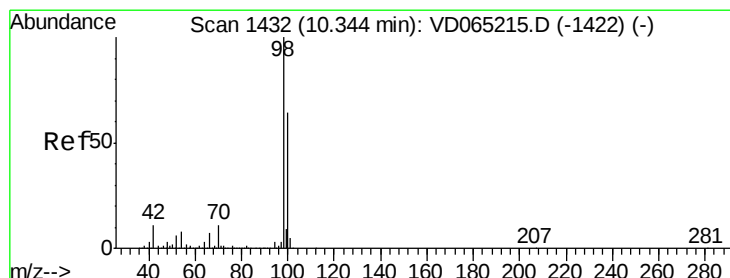
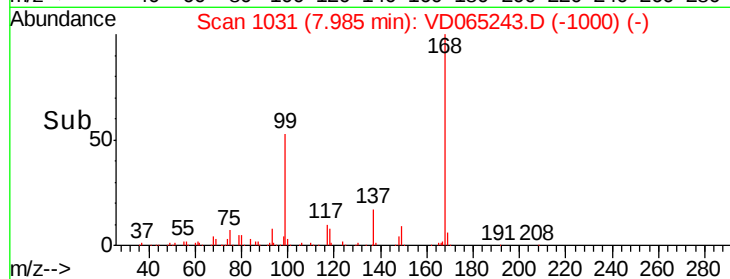
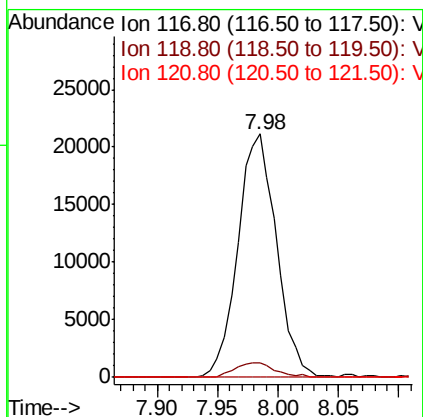
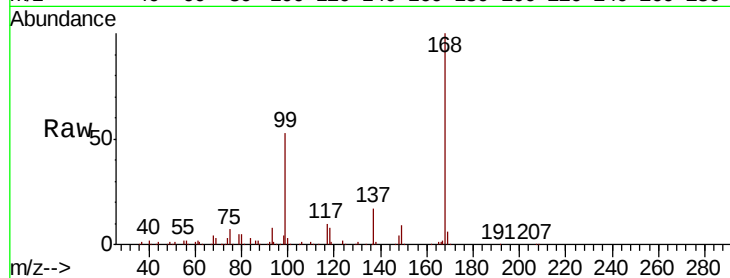




#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065243.D
Acq: 19 Feb 2020 17:19

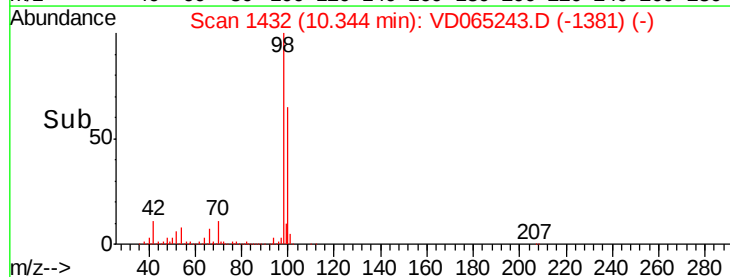
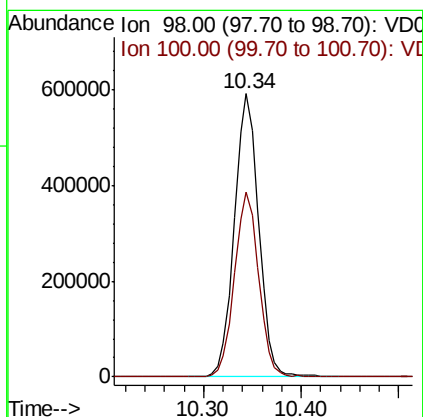
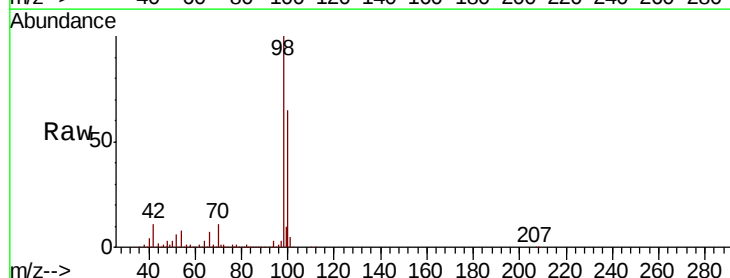
Instrument :
MSVOA_D
ClientSampleId :

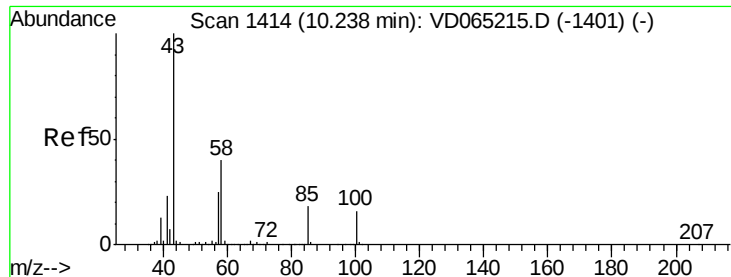
Tot Ion:117 Resp: 46891
Ion Ratio Lower Upper
117 100
119 6.2 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.186 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065243.D
Acq: 19 Feb 2020 17:19

Tgt Ion: 98 Resp: 1025251
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.320 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.11 min

Lab File: VD065243.D

Acq: 19 Feb 2020 17:19

Instrument :

MSVOA_D

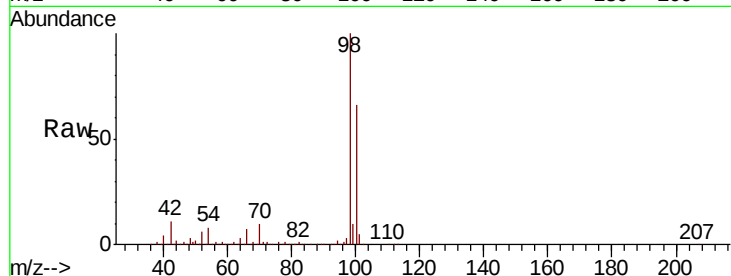
ClientSampled :

Tot Ion: 43 Resp: 4179

Ion Ratio Lower Upper

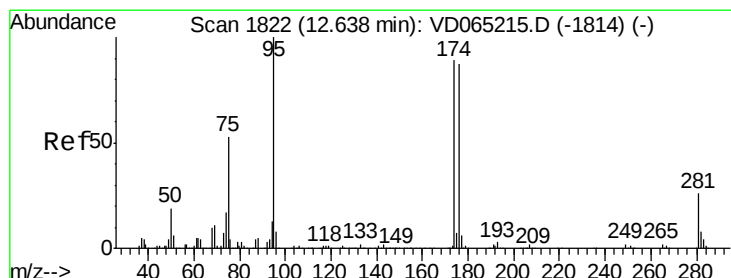
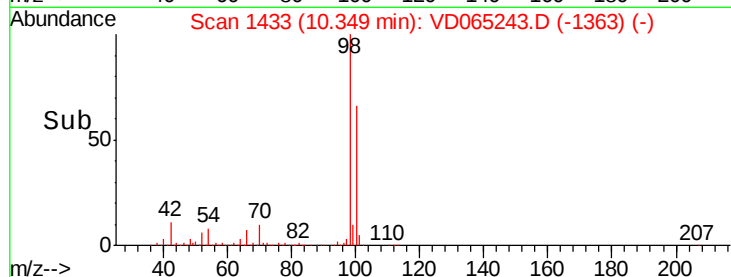
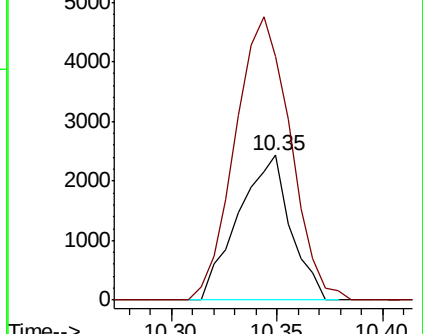
43 100

58 206.9 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.802 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065243.D

Acq: 19 Feb 2020 17:19

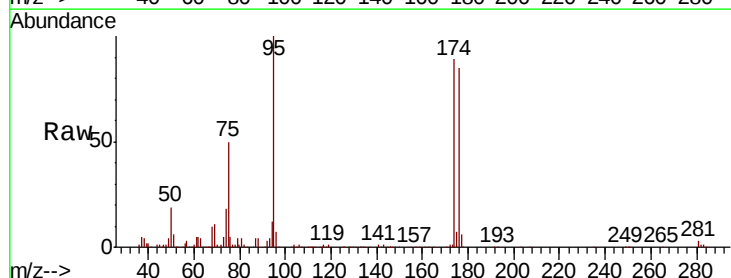
Tgt Ion: 95 Resp: 316175

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.0

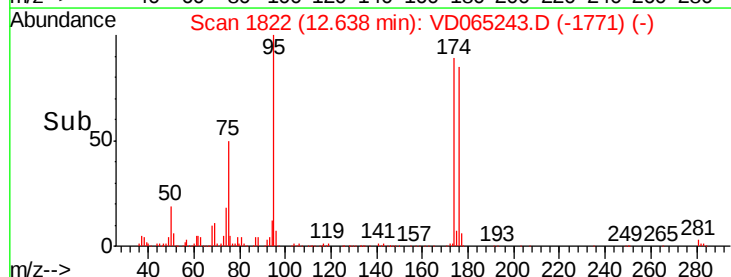
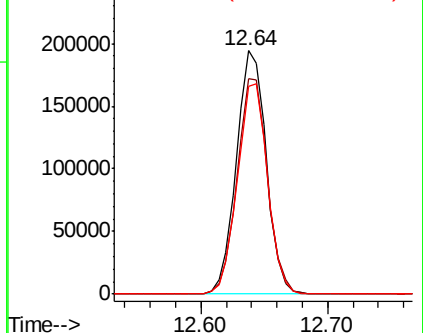
176 87.6 0.0 174.4

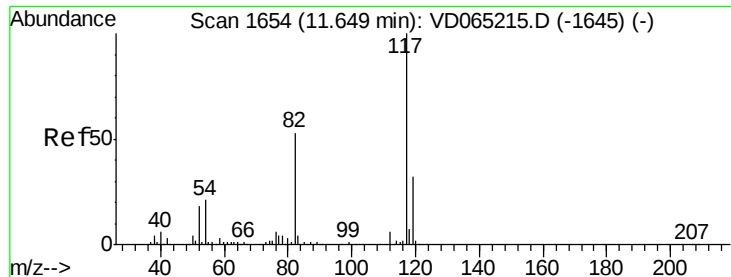


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

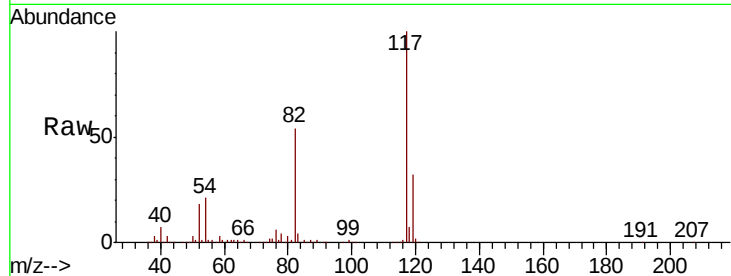




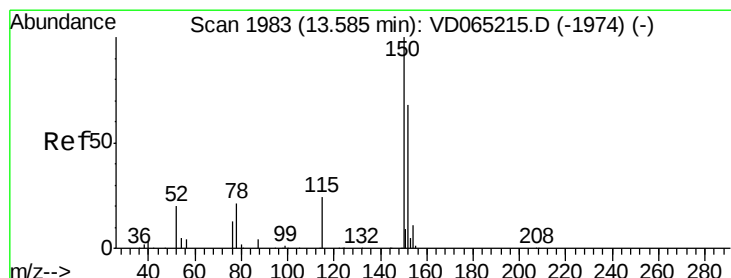
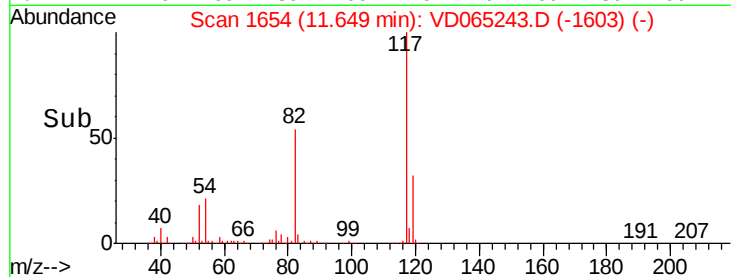
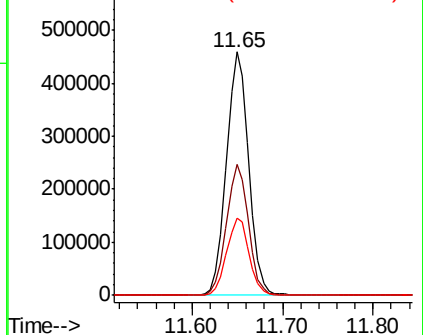
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065243.D
Acq: 19 Feb 2020 17:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.7	64.1
119	31.8	25.5	38.3

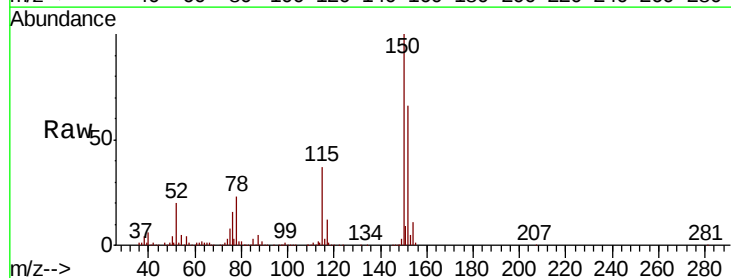


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

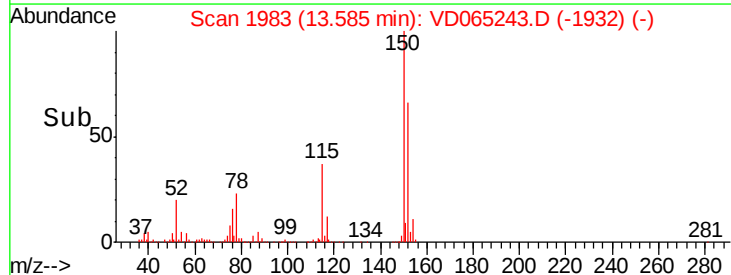
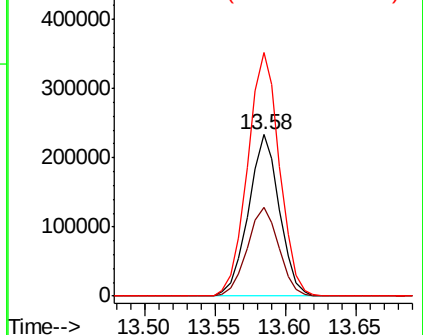


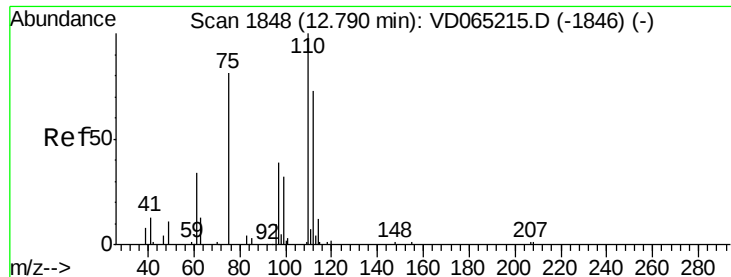
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065243.D
Acq: 19 Feb 2020 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.6	82.8
150	155.4	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: 52.144 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065243.D

Acq: 19 Feb 2020 17:19

Instrument :

MSVOA_D

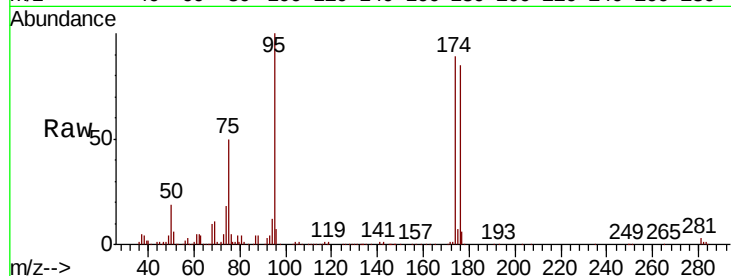
ClientSampled :

Tot Ion: 75 Resp: 159325

Ion Ratio Lower Upper

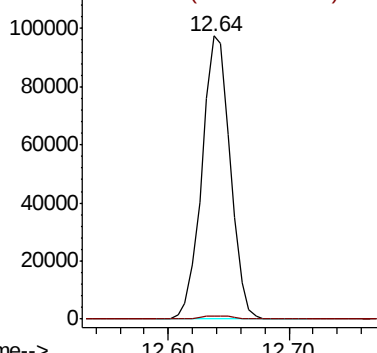
75 100

77 1.3 0.0 0.0#

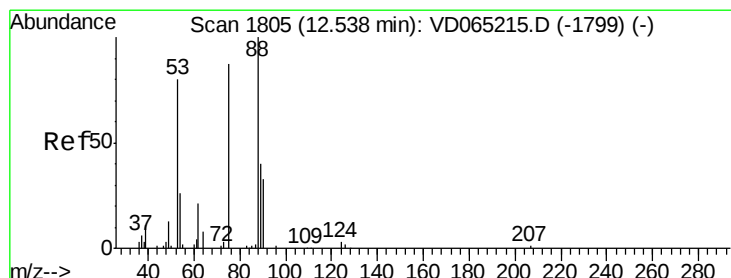
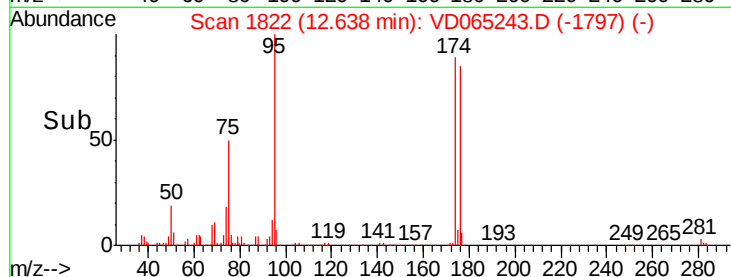


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 112.588 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065243.D

Acq: 19 Feb 2020 17:19

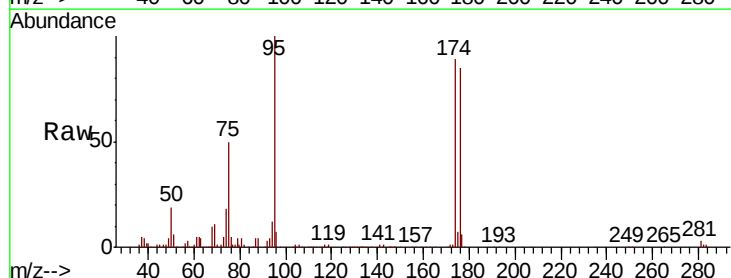
Tgt Ion: 75 Resp: 159325

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

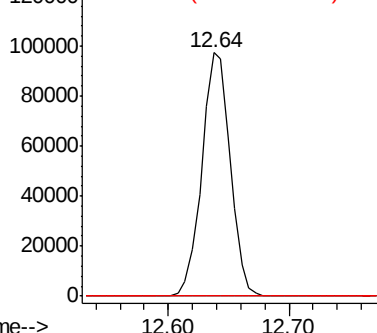
89 0.0 37.2 55.8#



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



Time-->

