

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065436.D
 Acq On : 05 Mar 2020 17:34
 Operator : VA/SY
 Sample : L1364-01
 Misc : 6.85G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 06 03:50:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	550894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	940827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	837684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	339947	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	283996	60.10	ug/l	0.00
Spiked Amount			Recovery	=	120.20%	
35) Dibromofluoromethane	7.92	113	301988	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
50) Toluene-d8	10.34	98	1133035	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.64	95	326613	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	

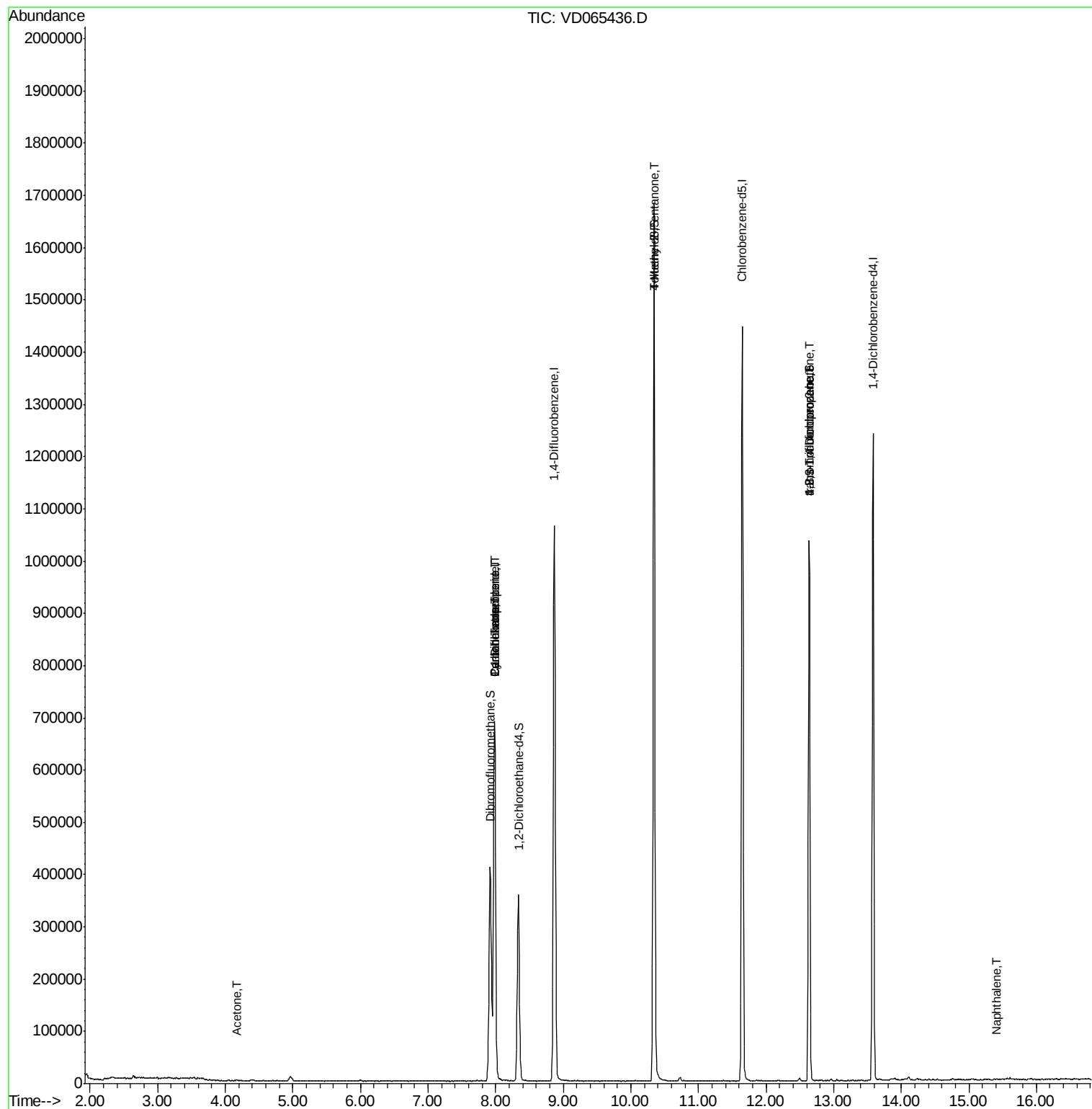
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	483	Below Cal	#	3
16) Acetone	4.17	43	2195	2.297	ug/l	93
20) Methylene Chloride	4.97	84	6390	Below Cal	#	83
31) Cyclohexane	7.98	56	10534	1.123	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	38558	4.275	ug/l #	49
38) Carbon Tetrachloride	7.98	117	52788	5.645	ug/l #	18
51) 4-Methyl-2-Pentanone	10.34	43	4884	1.508	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	158045	58.918	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	158045	124.334	ug/l #	14
95) Naphthalene	15.41	128	1489	4.531	ug/l #	81

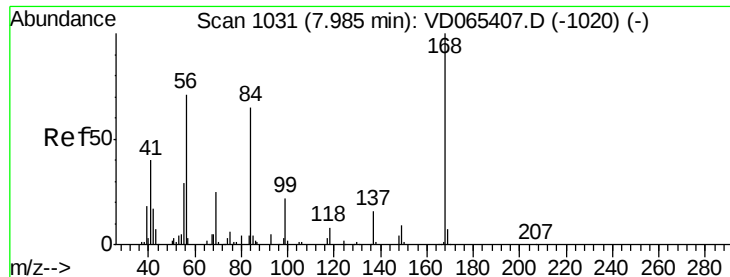
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030520\
Data File : VD065436.D
Acq On : 05 Mar 2020 17:34
Operator : VA/SY
Sample : L1364-01
Misc : 6.85G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Mar 06 03:50:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 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: VD065436.D

Acq: 05 Mar 2020 17:34

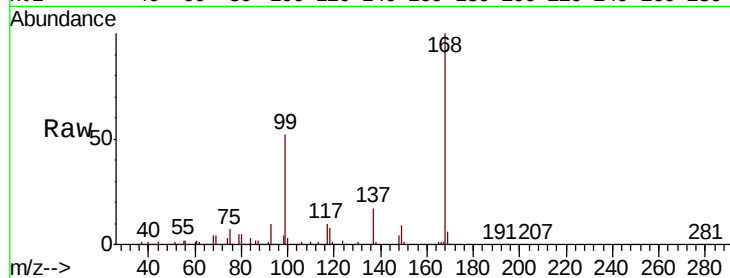
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 550894

Ion Ratio Lower Upper

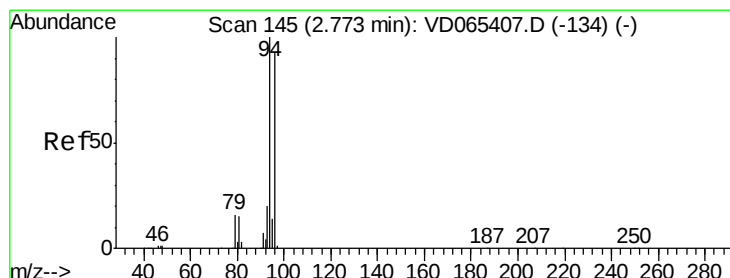
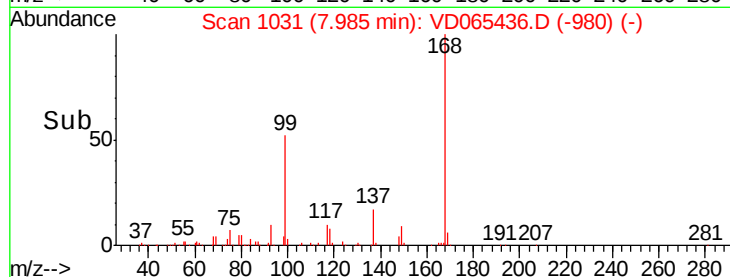
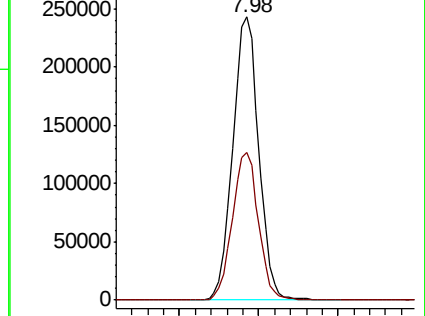
168 100

99 52.1 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD065436.D

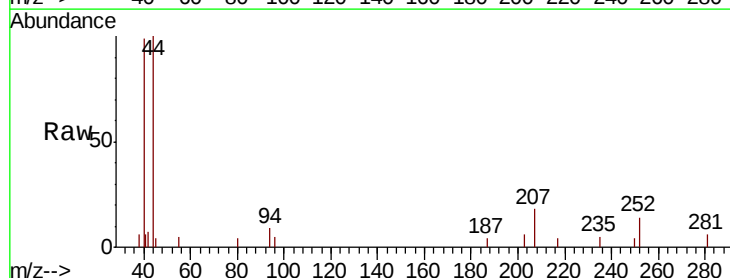
Acq: 05 Mar 2020 17:34

Tgt Ion: 94 Resp: 483

Ion Ratio Lower Upper

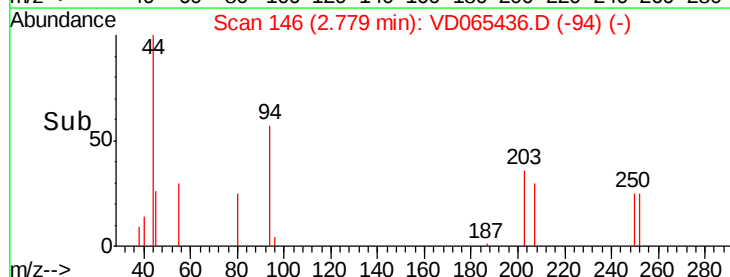
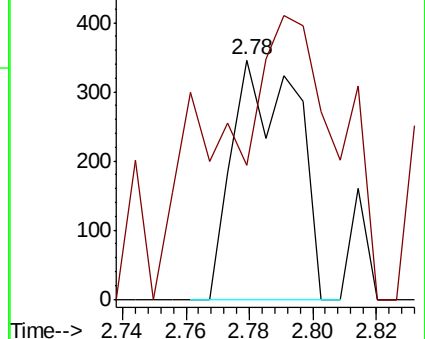
94 100

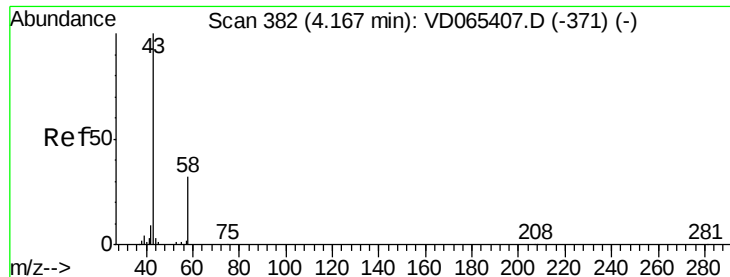
96 0.0 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 2.297 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065436.D

Acq: 05 Mar 2020 17:34

Instrument :

MSVOA_D

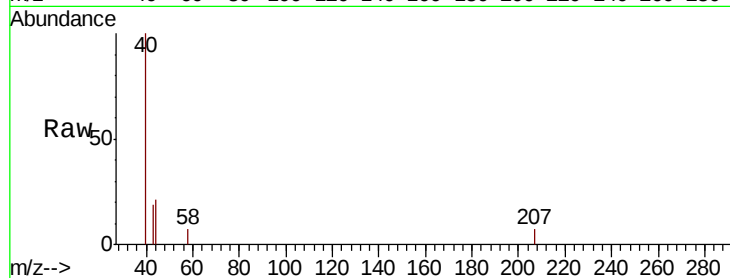
ClientSampleId :

Tot Ion: 43 Resp: 2195

Ion Ratio Lower Upper

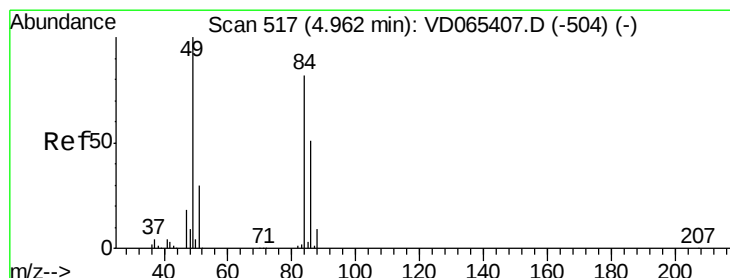
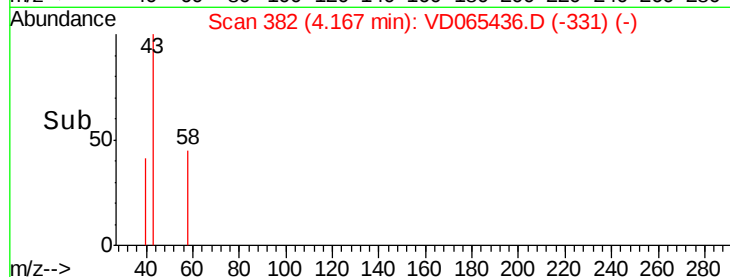
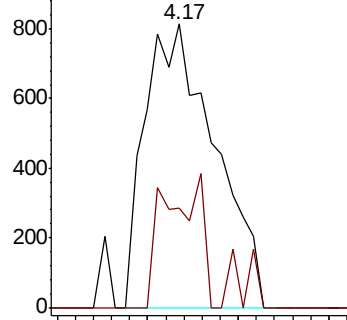
43 100

58 35.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD065436.D

Acq: 05 Mar 2020 17:34

Tgt Ion: 84 Resp: 6390

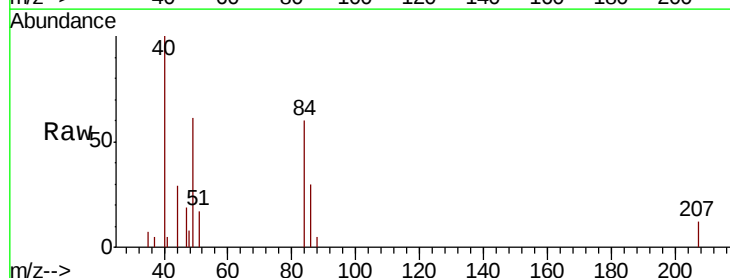
Ion Ratio Lower Upper

84 100

49 101.0 97.7 146.5

51 28.9 28.8 43.2

86 49.3 49.5 74.3#

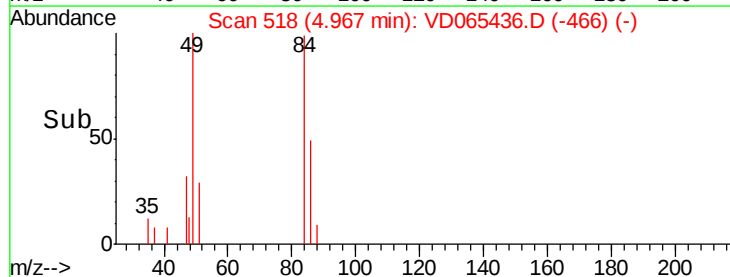
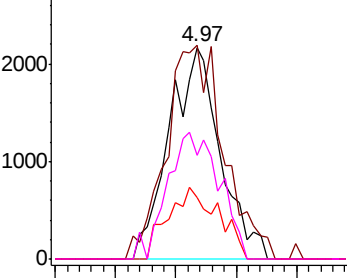


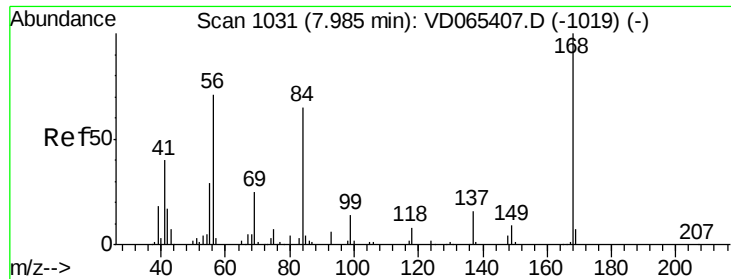
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

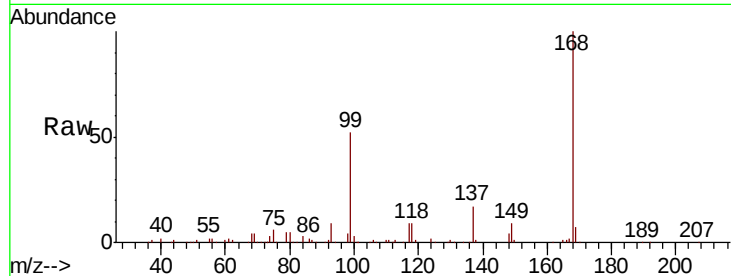




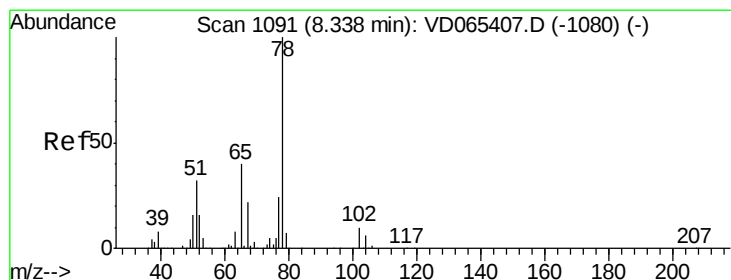
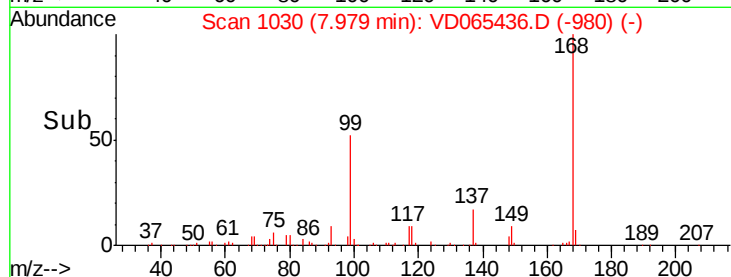
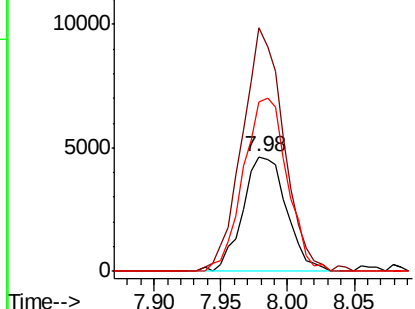
#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 10534
Ion Ratio Lower Upper
56 100
69 212.5 28.3 42.5#
84 147.3 73.1 109.7#

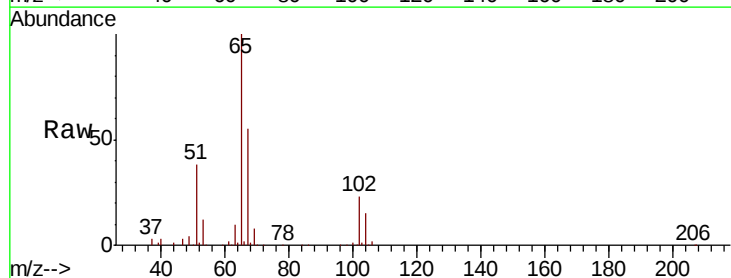


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

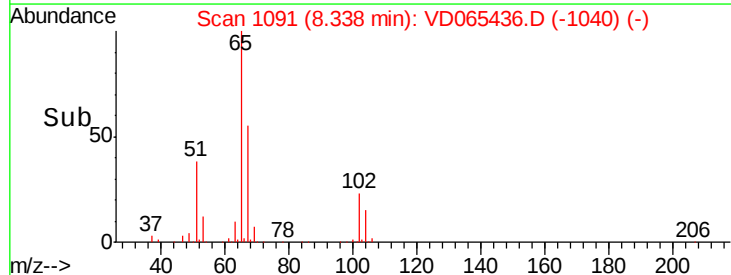
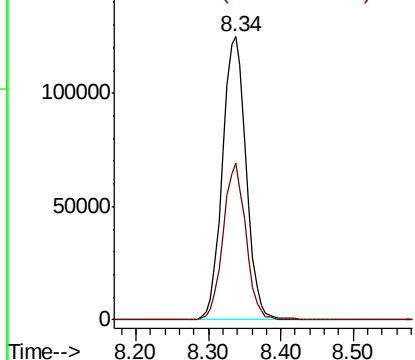


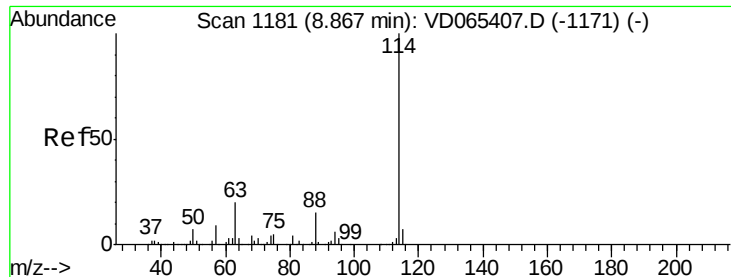
#33
1,2-Dichloroethane-d4
Concen: 60.098 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

Tgt Ion: 65 Resp: 283996
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



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: VD065436.D

Acq: 05 Mar 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

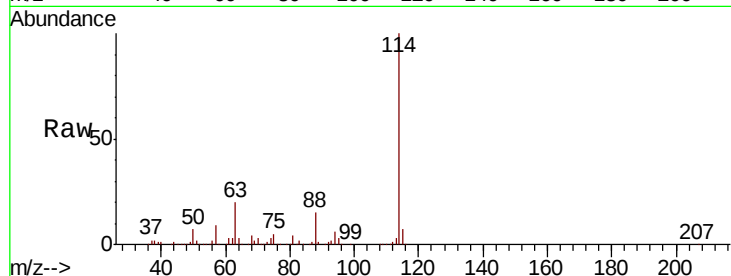
Tot Ion:114 Resp: 940827

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

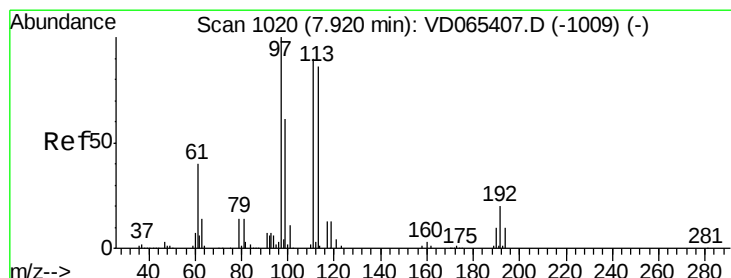
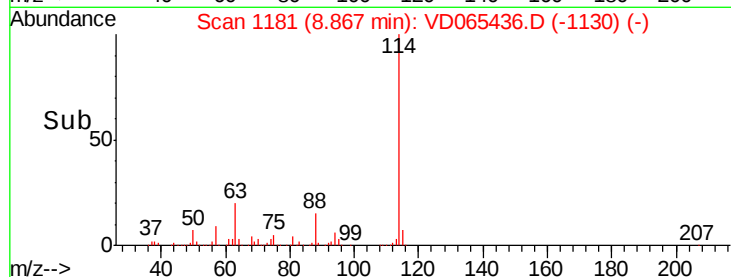
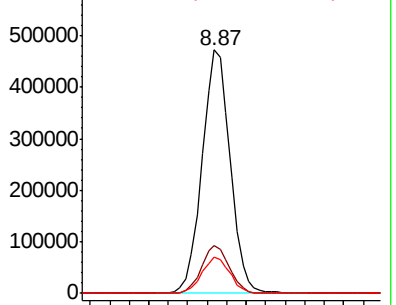
88 14.8 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 51.905 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065436.D

Acq: 05 Mar 2020 17:34

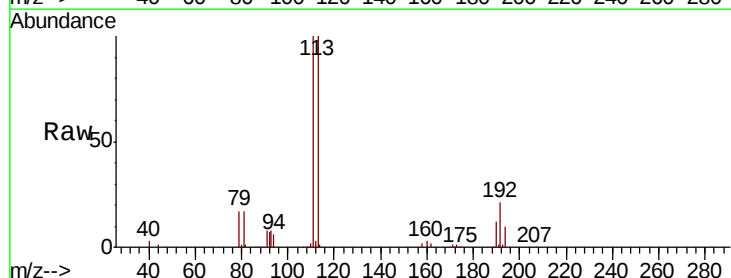
Tgt Ion:113 Resp: 301988

Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

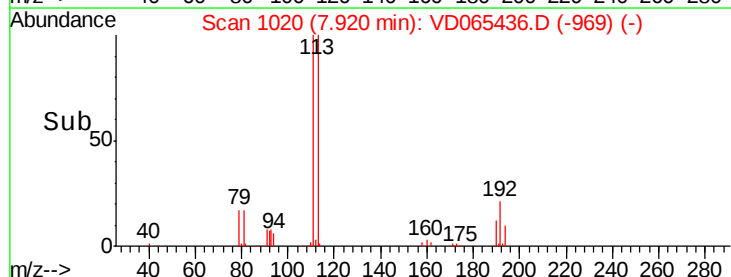
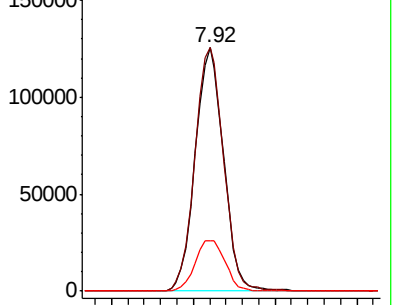
192 22.2 17.2 25.8

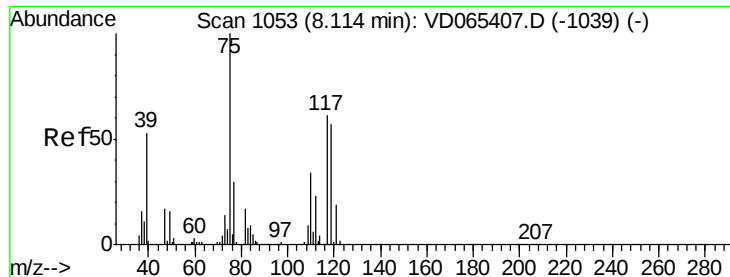


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.275 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065436.D

Acq: 05 Mar 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

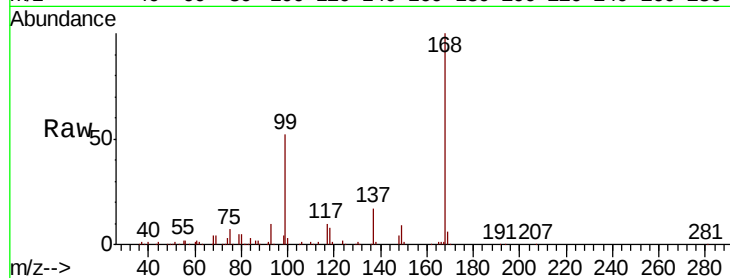
Tot Ion: 75 Resp: 38558

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.1#

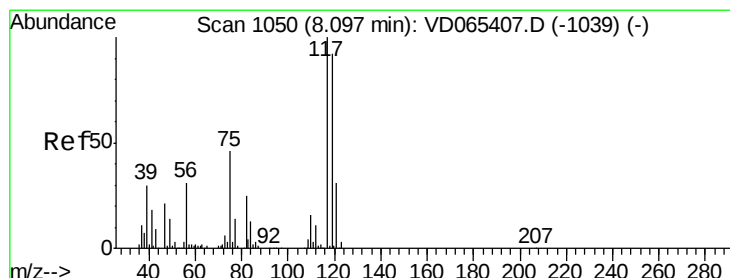
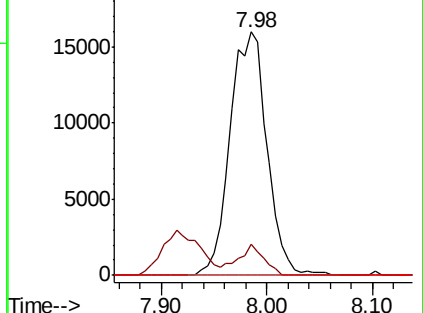
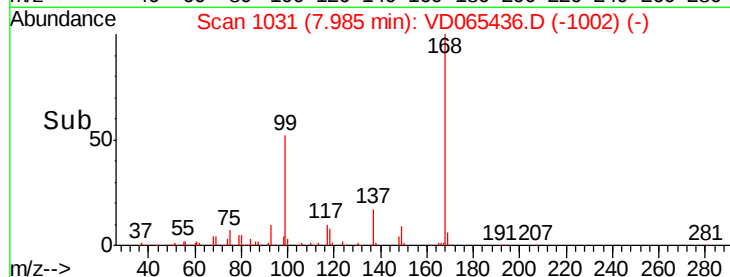
77 0.0 25.2 37.8#



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: 5.645 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065436.D

Acq: 05 Mar 2020 17:34

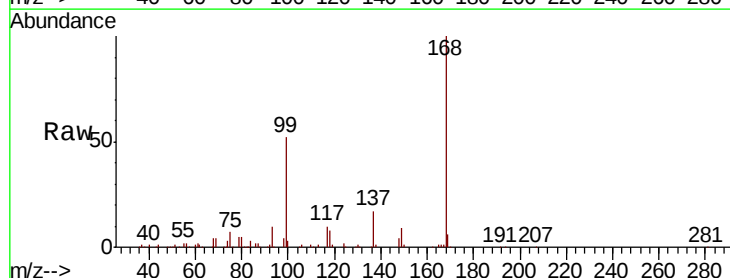
Tgt Ion: 117 Resp: 52788

Ion Ratio Lower Upper

117 100

119 5.3 73.3 109.9#

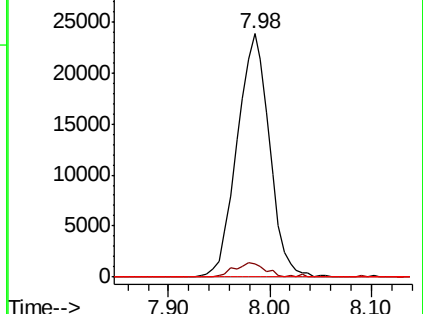
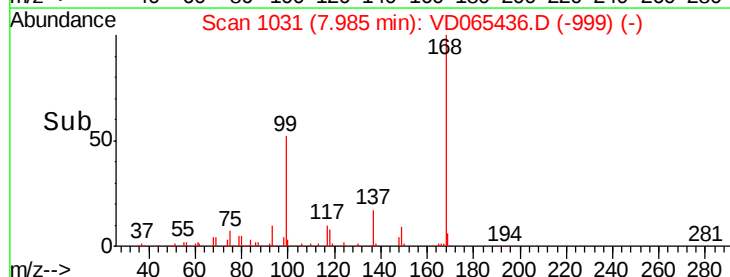
121 0.0 25.0 37.4#

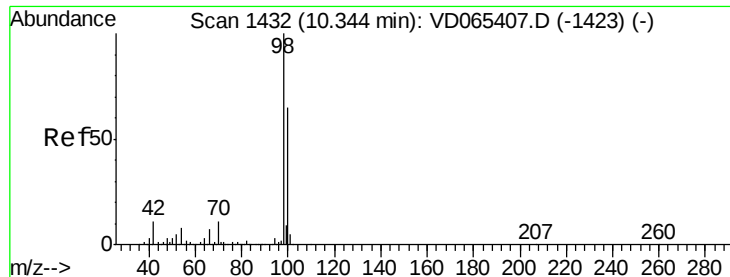


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

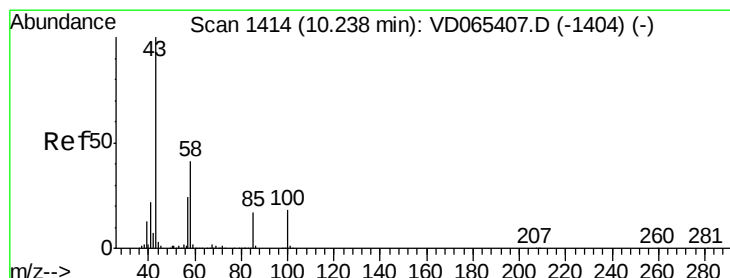
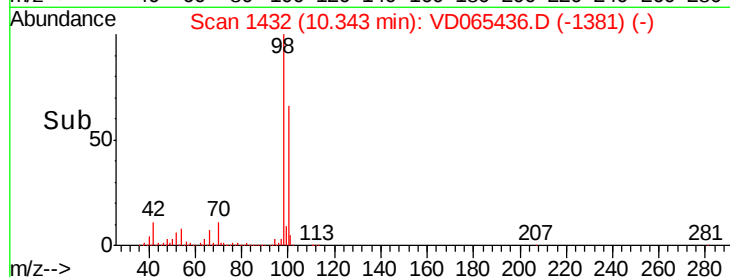
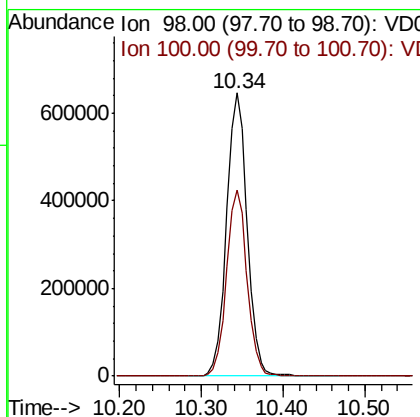
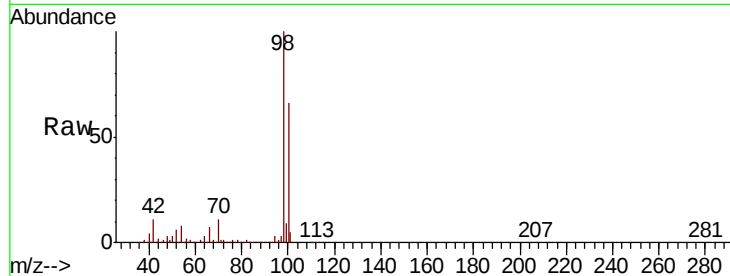




#50
Toluene-d8
Concen: 50.762 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

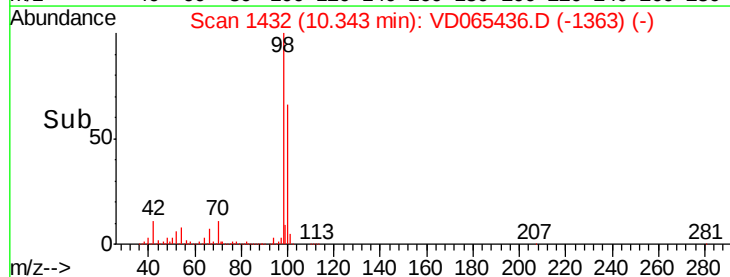
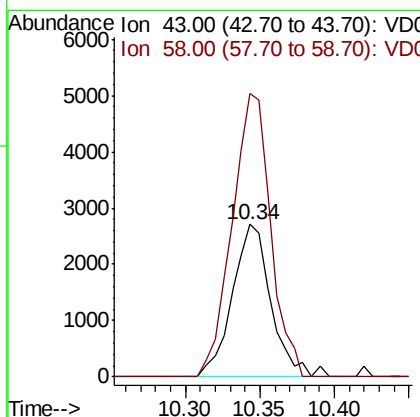
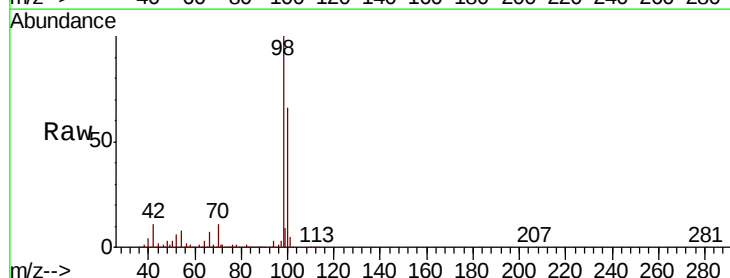
Instrument :
MSVOA_D
ClientSampleId :

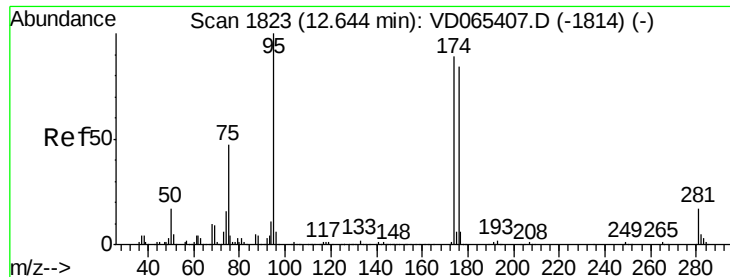
Tot Ion: 98 Resp: 1133035
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.508 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

Tgt Ion: 43 Resp: 4884
Ion Ratio Lower Upper
43 100
58 184.9 31.8 47.6#

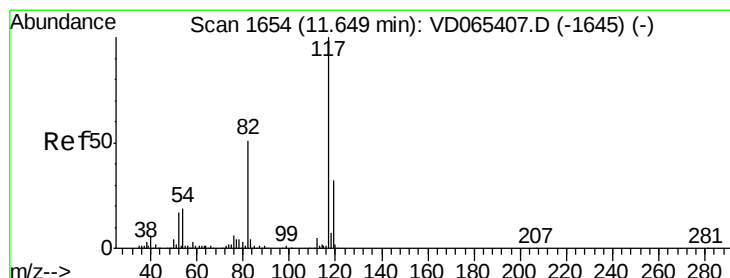
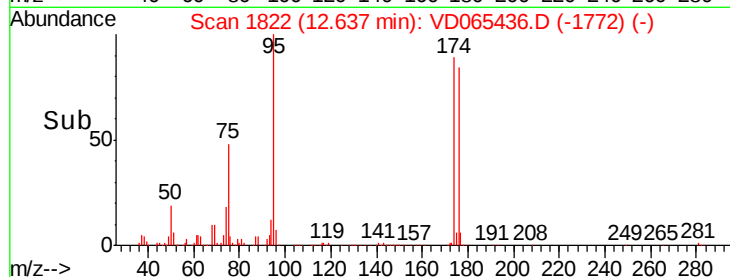
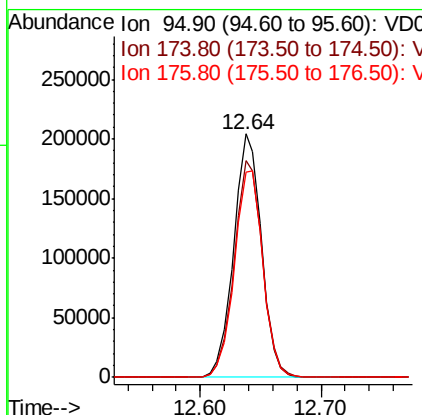
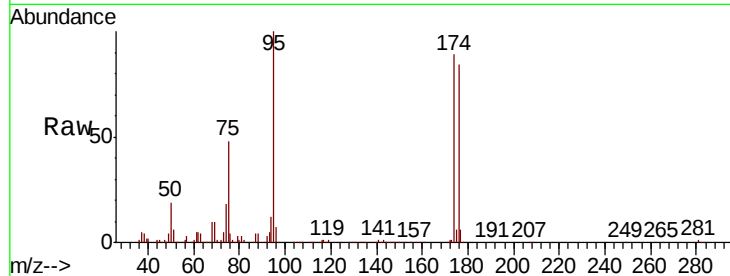




#62
4-Bromofluorobenzene
Concen: 47.400 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

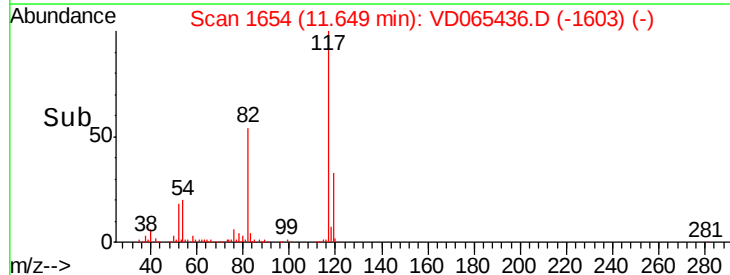
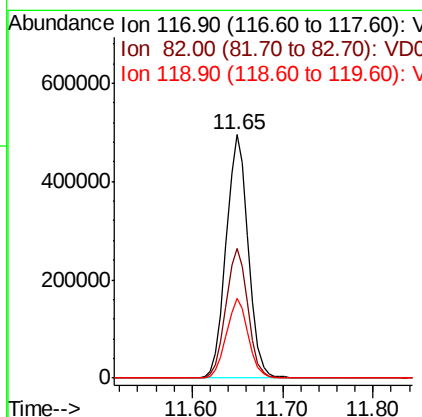
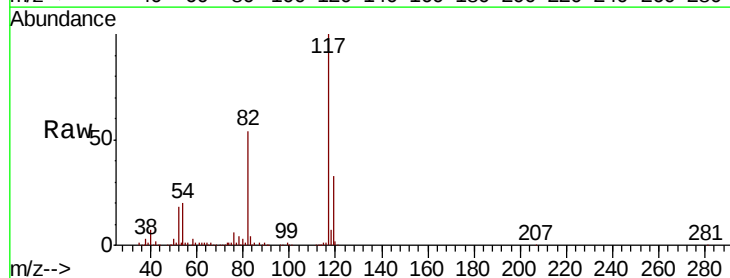
Instrument :
MSVOA_D
ClientSampleId :

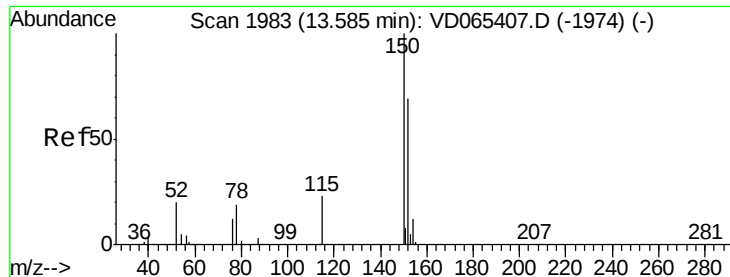
Tot Ion: 95 Resp: 326613
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.8
176 87.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

Tgt Ion: 117 Resp: 837684
Ion Ratio Lower Upper
117 100
82 53.5 40.6 60.8
119 32.8 25.4 38.2



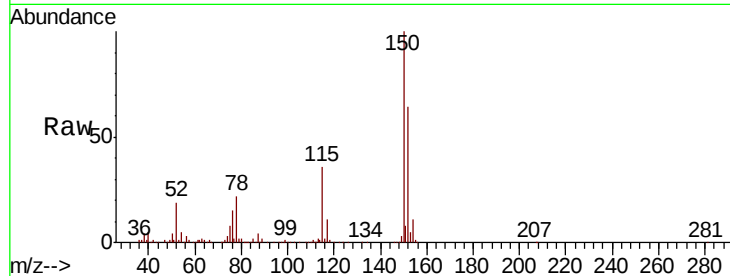


#72

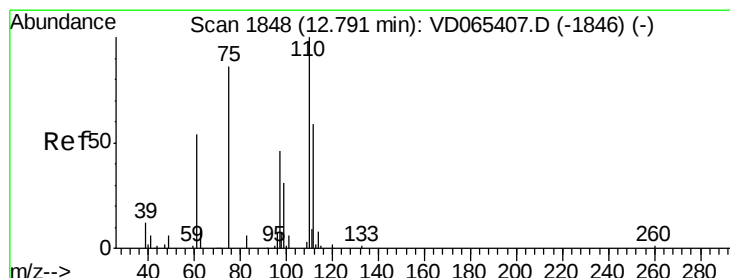
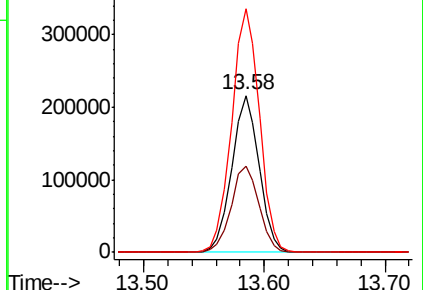
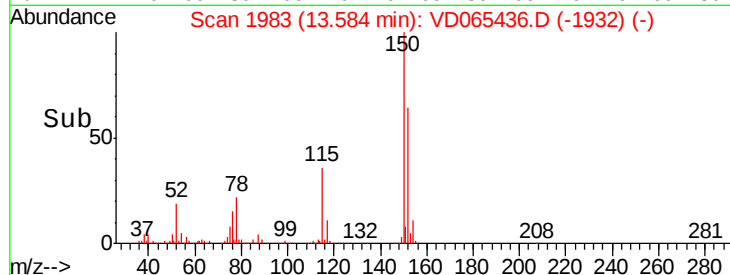
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 339947
Ion Ratio Lower Upper
152 100
115 56.2 27.6 82.8
150 158.4 0.0 345.0



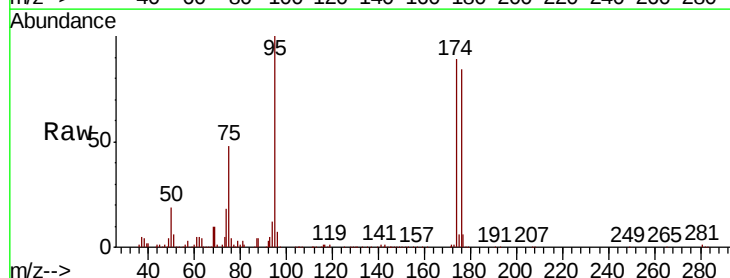
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



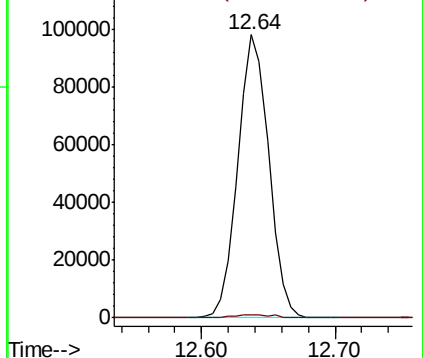
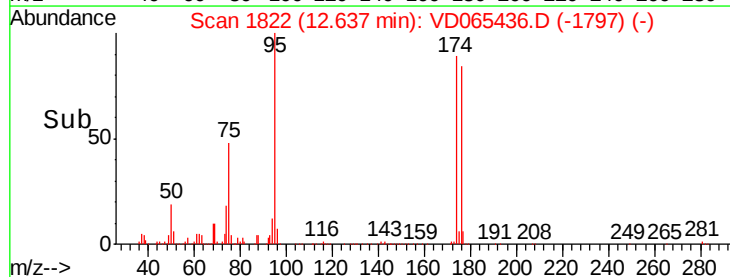
#76

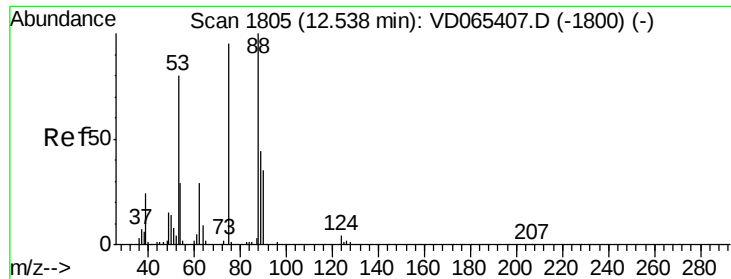
1,2,3-Trichloropropane
Concen: 58.918 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

Tgt Ion: 75 Resp: 158045
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC

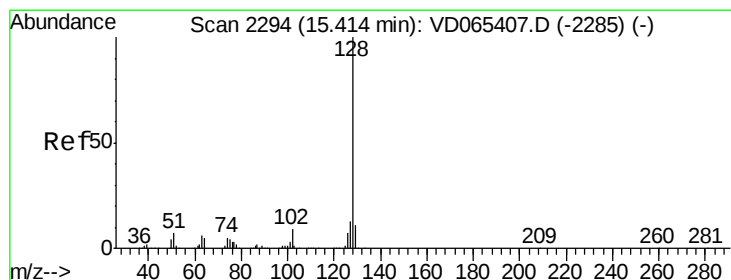
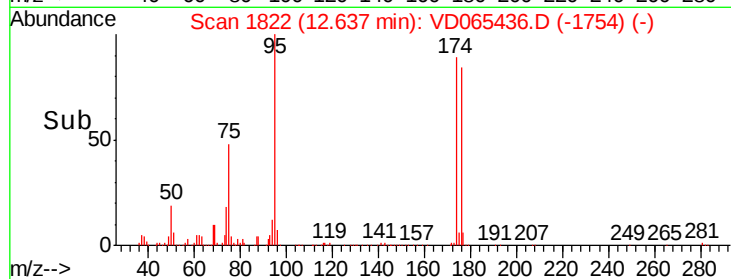
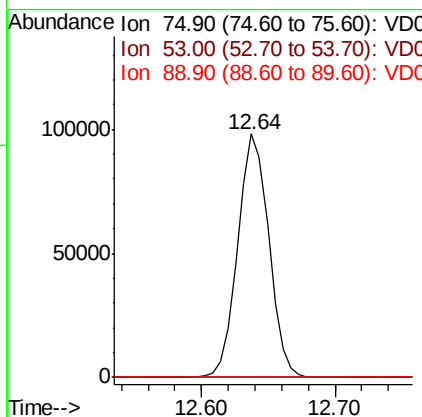
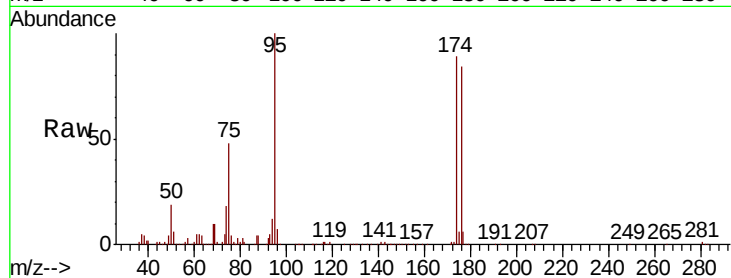




#81
trans-1,4-Dichloro-2-butene
Concen: 124.334 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 75 Resp: 158045
Ion Ratio Lower Upper
75 100
53 0.2 71.3 106.9#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 4.531 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD065436.D
Acq: 05 Mar 2020 17:34

Tgt Ion:128 Resp: 1489
Ion Ratio Lower Upper
128 100
127 4.6 10.6 16.0#
129 17.0 8.7 13.1#

