

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031320\
 Data File : VD065506.D
 Acq On : 13 Mar 2020 16:19
 Operator : VA/SY
 Sample : L1933-01RE
 Misc : 7.63G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 16 01:44:50 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

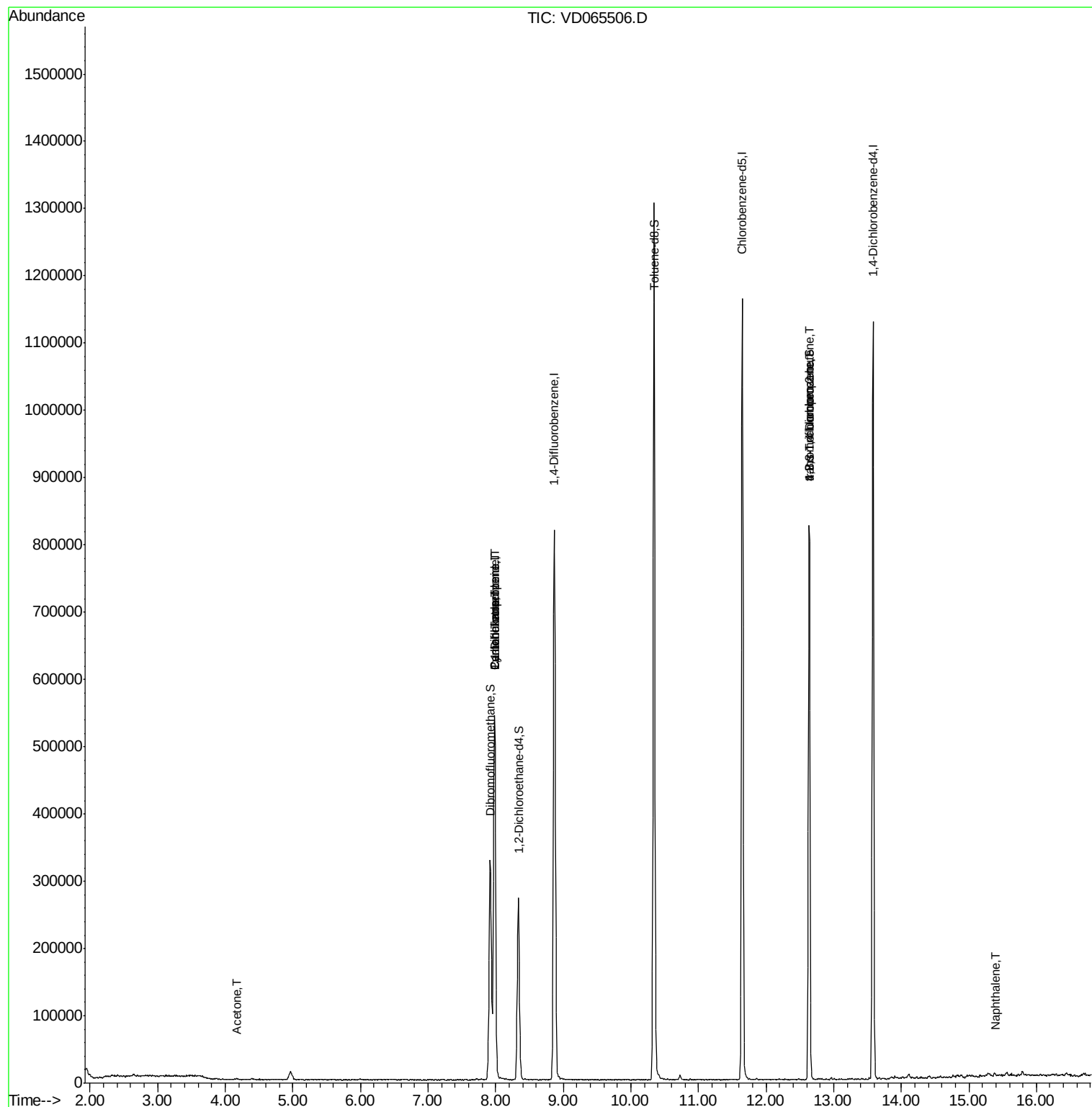
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	427907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	723607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	685050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	216577	59.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.00%	
35) Dibromofluoromethane	7.92	113	237048	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
50) Toluene-d8	10.34	98	884916	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.64	95	269742	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.77	94	58	Below Cal	#	20
16) Acetone	4.16	43	2469	3.326	ug/l #	83
20) Methylene Chloride	4.97	84	9875	Below Cal		93
31) Cyclohexane	7.98	56	8151	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	30530	4.402	ug/l #	49
38) Carbon Tetrachloride	7.98	117	38170	5.307	ug/l #	19
76) 1,2,3-Trichloropropane	12.64	75	128156	52.231	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	128156	110.223	ug/l #	14
95) Naphthalene	15.41	128	991	4.497	ug/l #	87

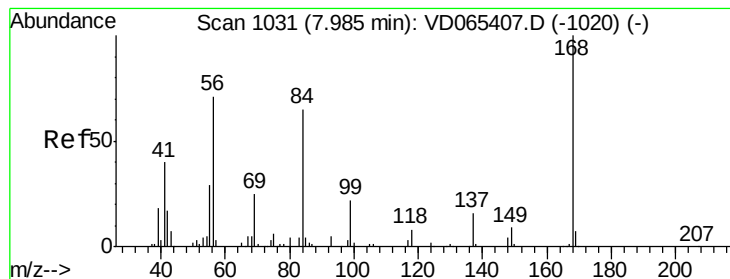
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031320\
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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: VD065506.D

Acq: 13 Mar 2020 16:19

Instrument :

MSVOA_D

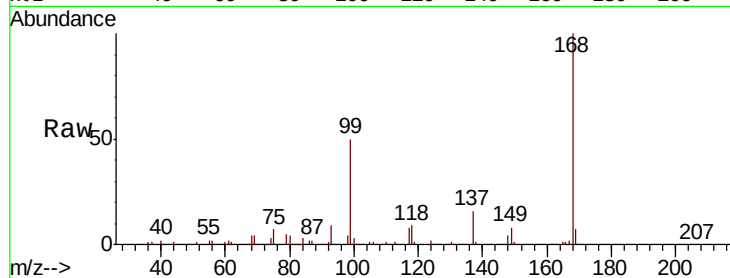
ClientSampled :

Tot Ion:168 Resp: 427907

Ion Ratio Lower Upper

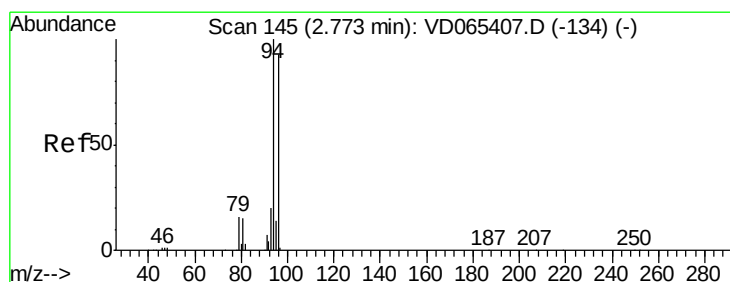
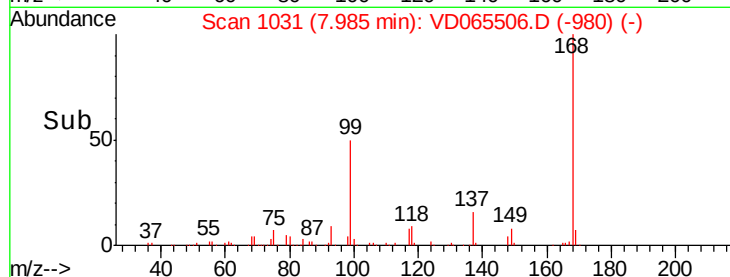
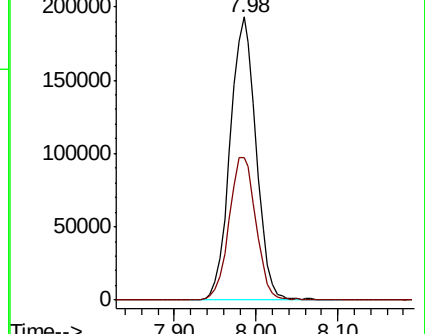
168 100

99 50.4 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: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065506.D

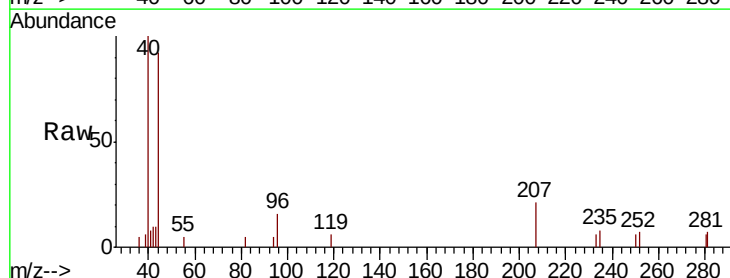
Acq: 13 Mar 2020 16:19

Tgt Ion: 94 Resp: 58

Ion Ratio Lower Upper

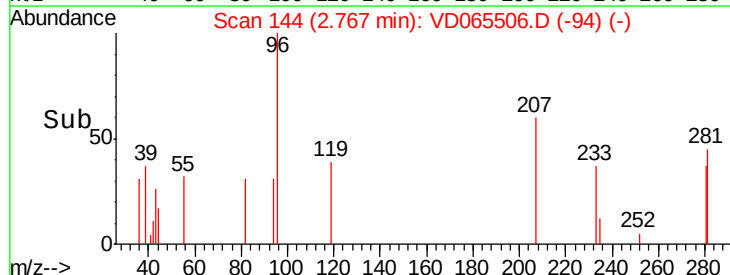
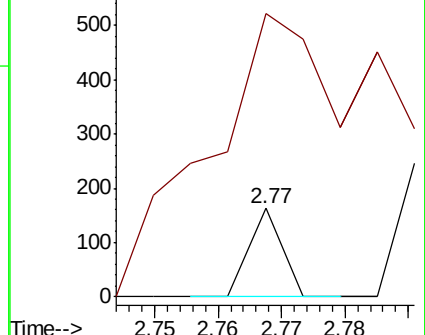
94 100

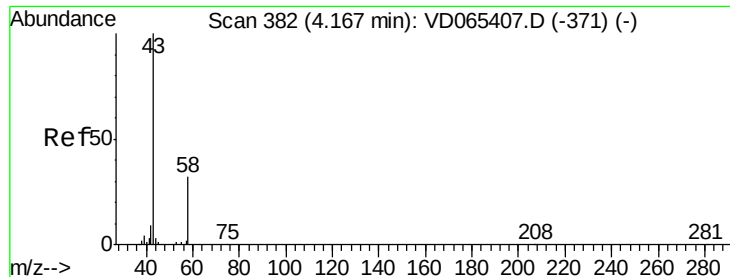
96 169.9 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

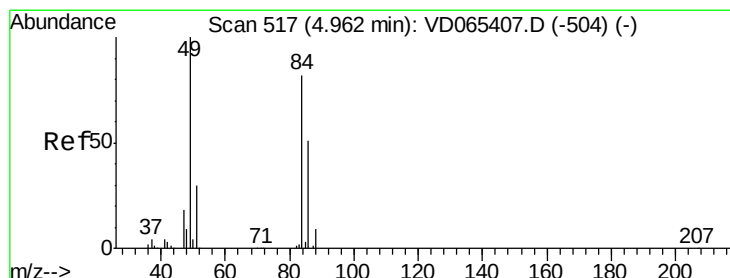
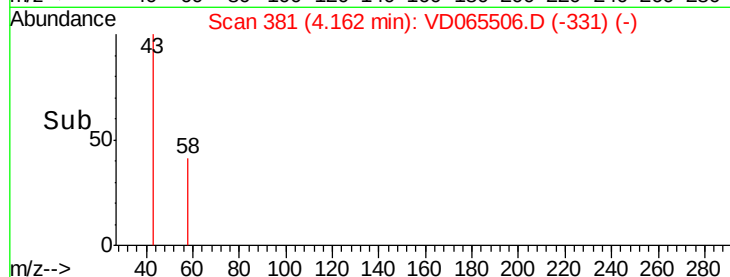
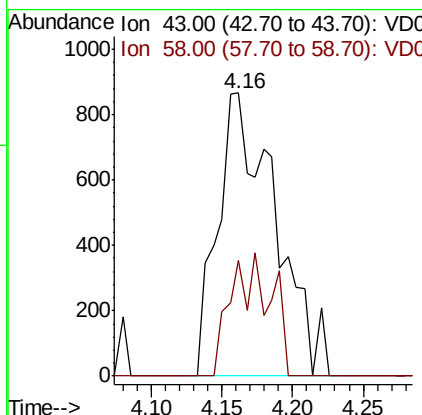
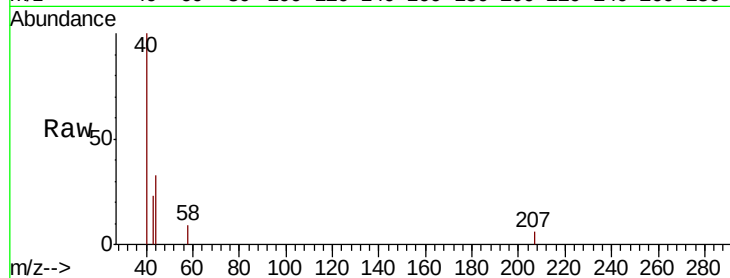




#16
Acetone
Concen: 3.326 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD065506.D
Acq: 13 Mar 2020 16:19

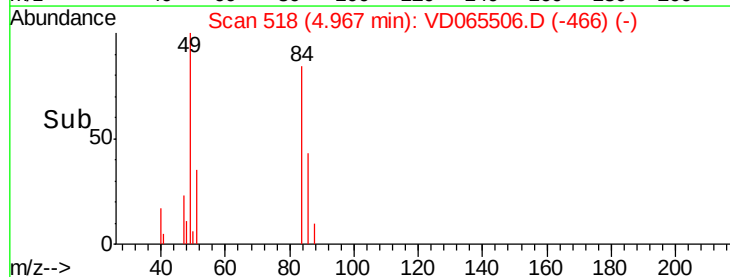
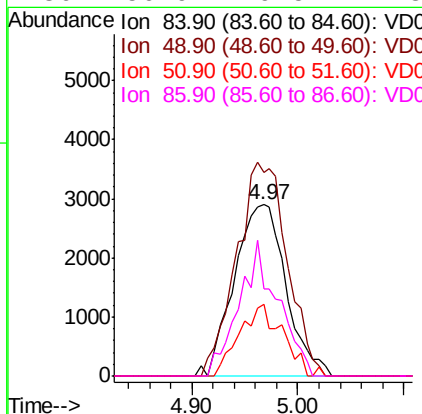
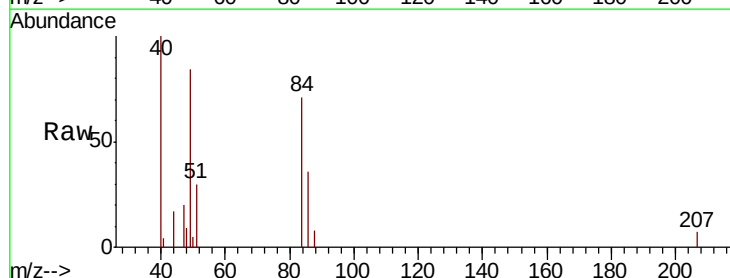
Instrument :
MSVOA_D
ClientSampleId :

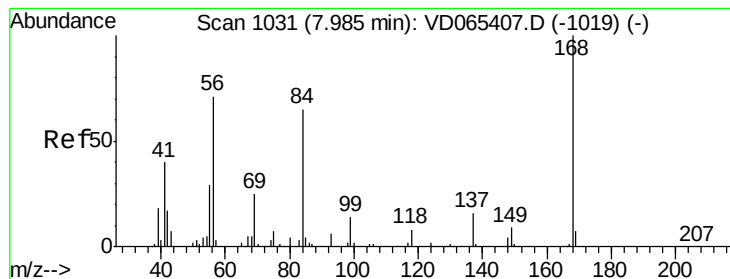
Tot Ion: 43 Resp: 2469
Ion Ratio Lower Upper
43 100
58 40.8 25.1 37.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065506.D
Acq: 13 Mar 2020 16:19

Tgt Ion: 84 Resp: 9875
Ion Ratio Lower Upper
84 100
49 119.2 97.7 146.5
51 42.0 28.8 43.2
86 50.9 49.5 74.3





#31

Cyclohexane

Concen: 1.118 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065506.D

Acq: 13 Mar 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

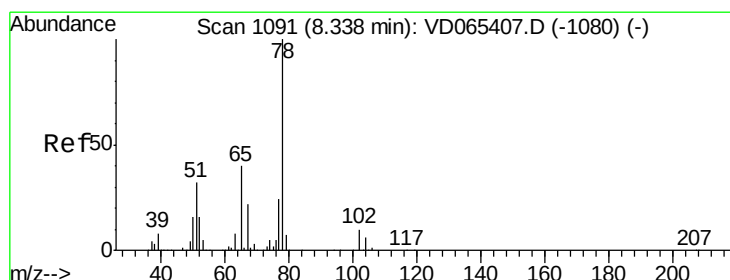
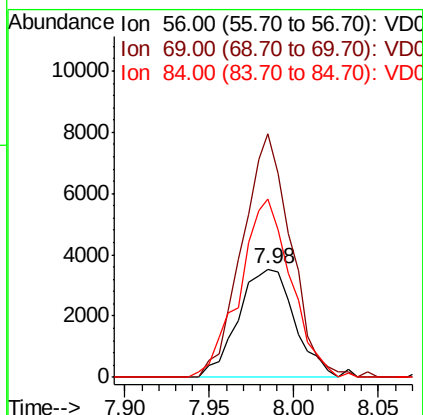
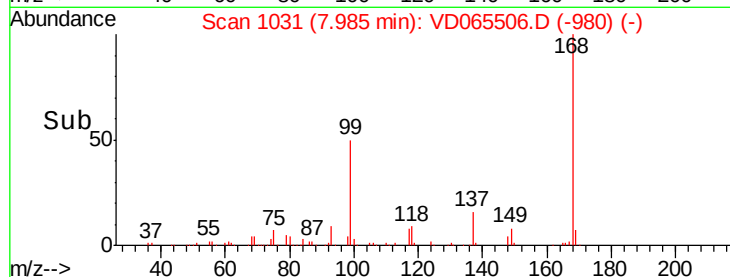
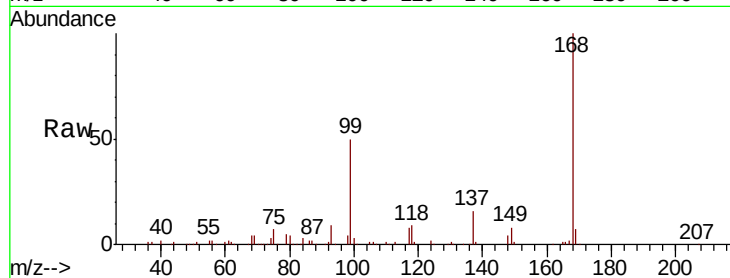
Tot Ion: 56 Resp: 8151

Ion Ratio Lower Upper

56 100

69 224.8 28.3 42.5#

84 164.1 73.1 109.7#



#33

1,2-Dichloroethane-d4

Concen: 59.003 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065506.D

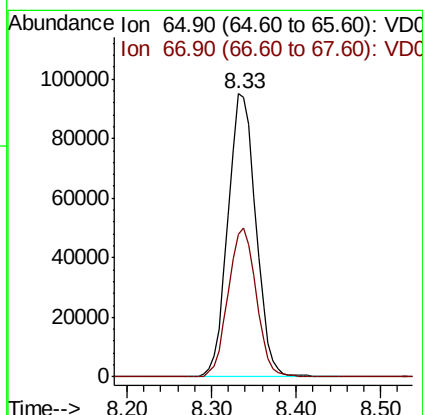
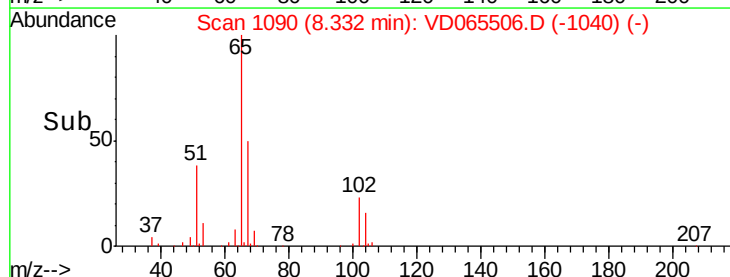
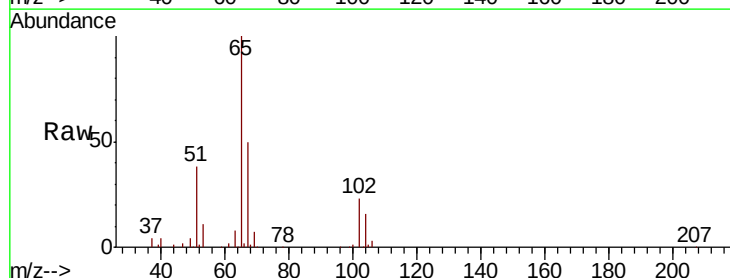
Acq: 13 Mar 2020 16:19

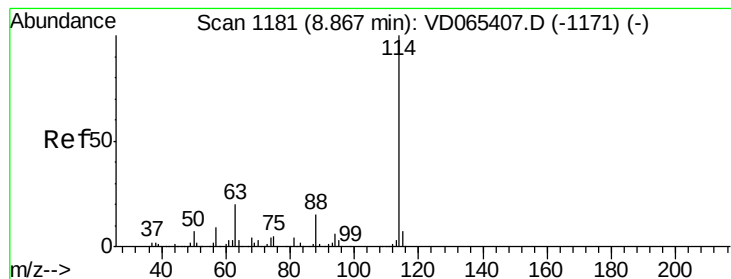
Tgt Ion: 65 Resp: 216577

Ion Ratio Lower Upper

65 100

67 52.6 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065506.D

Acq: 13 Mar 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

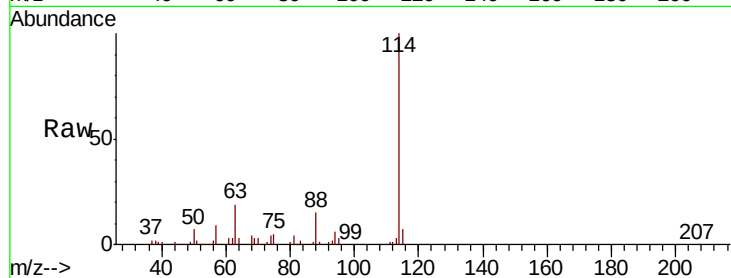
Tot Ion:114 Resp: 723607

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

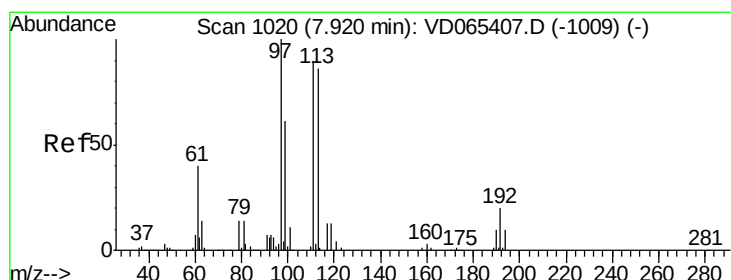
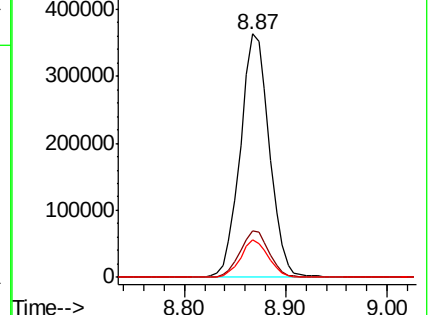
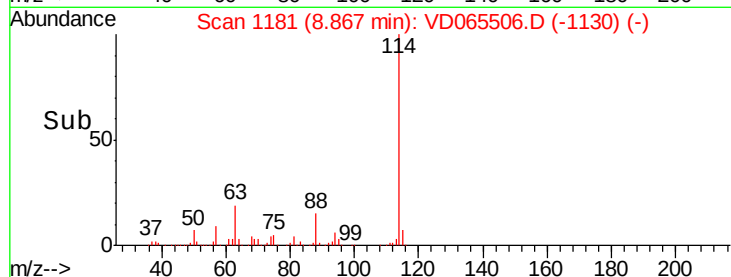
88 15.4 0.0 30.4



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: 52.974 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065506.D

Acq: 13 Mar 2020 16:19

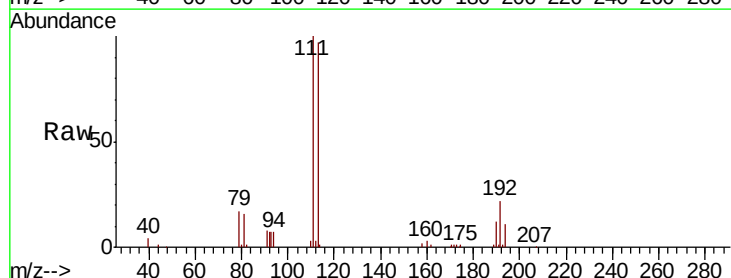
Tgt Ion:113 Resp: 237048

Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

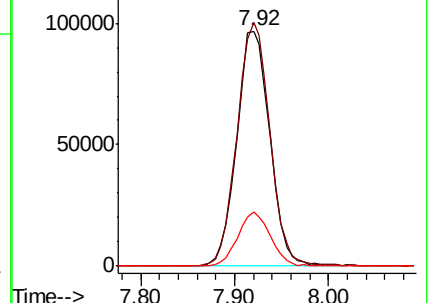
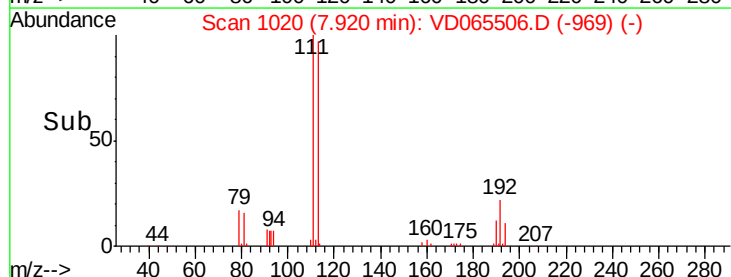
192 22.5 17.2 25.8

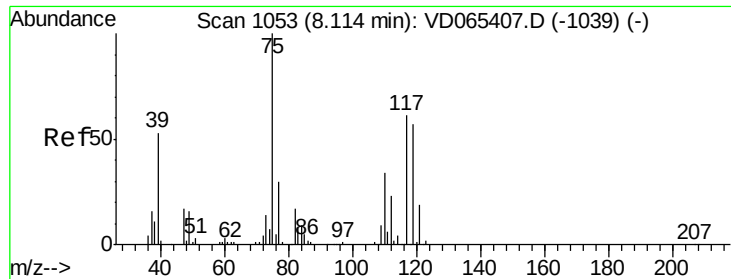


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

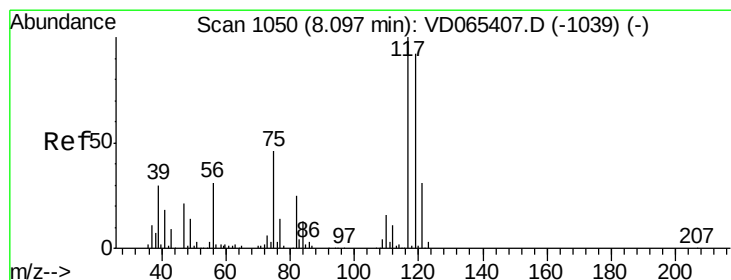
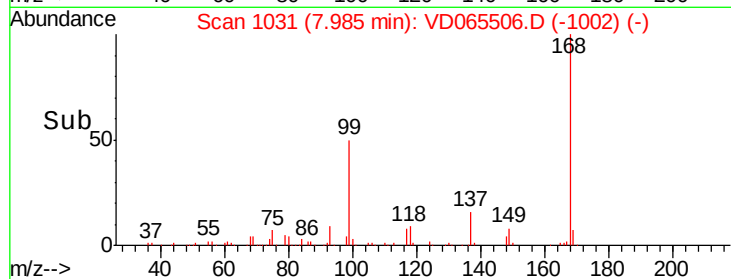
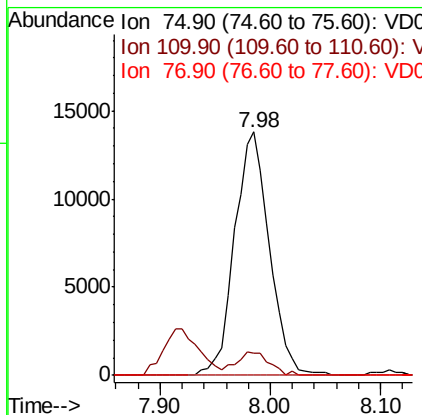
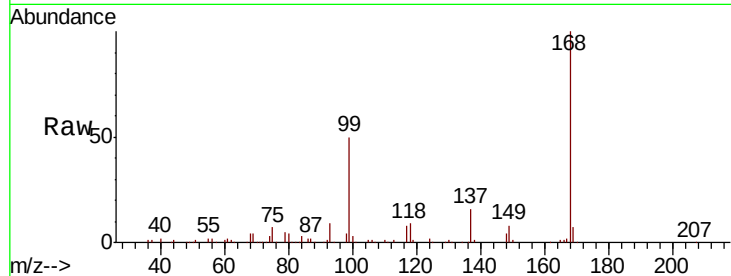




#36
 1,1-Dichloropropene
 Concen: 4.402 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065506.D
 Acq: 13 Mar 2020 16:19

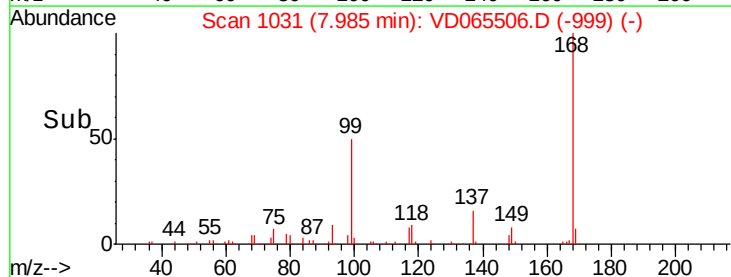
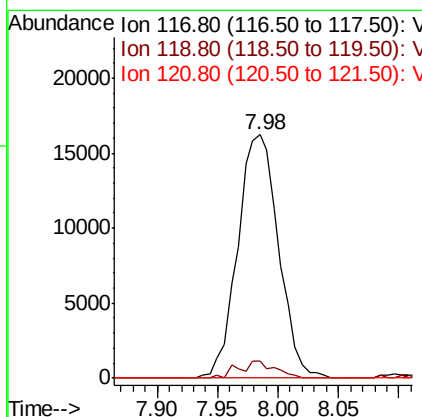
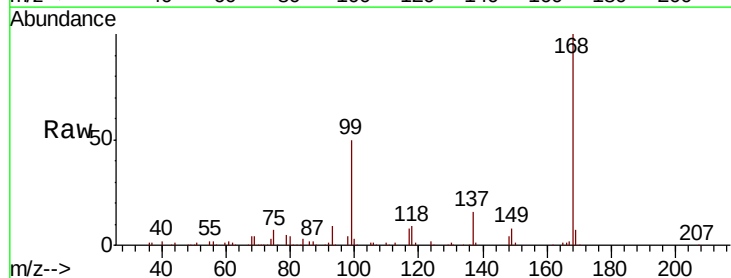
Instrument :
 MSVOA_D
 ClientSampled :

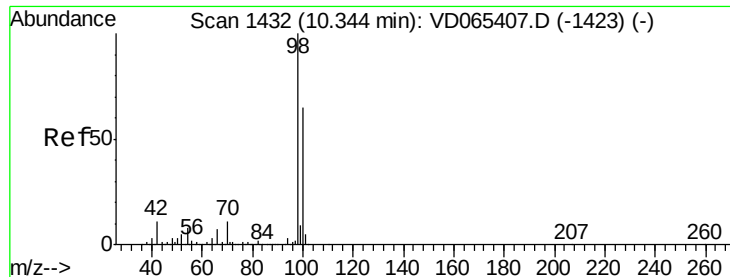
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.307 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065506.D
 Acq: 13 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	73.3	109.9#
121	0.0	25.0	37.4#

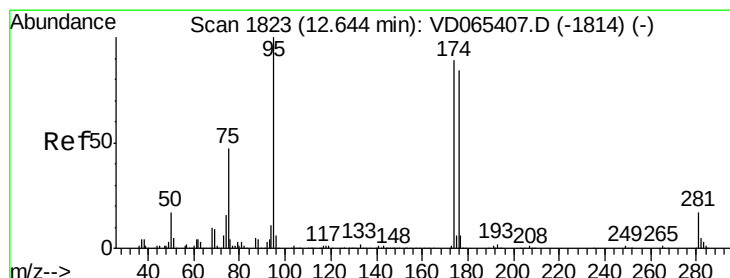
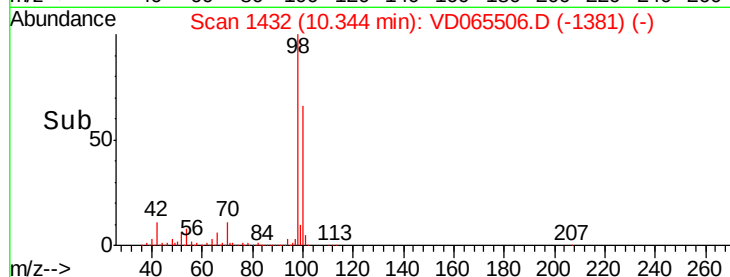
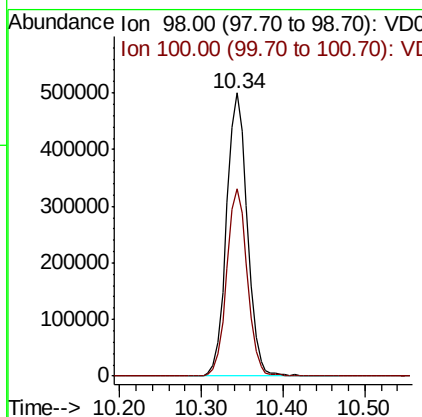
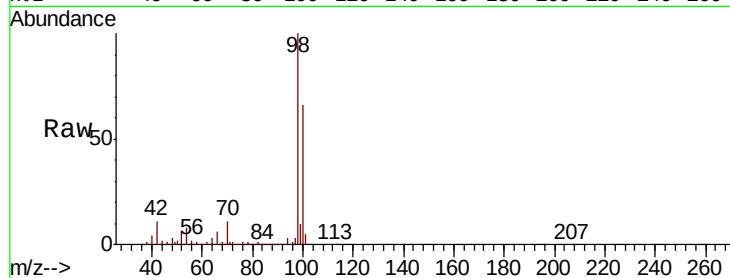




#50
Toluene-d8
Concen: 51.547 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065506.D
Acq: 13 Mar 2020 16:19

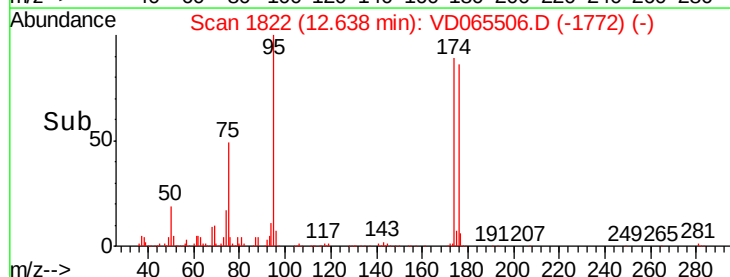
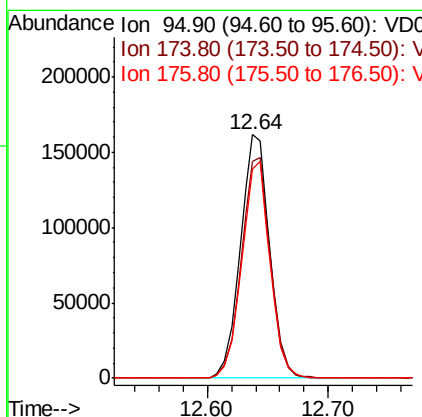
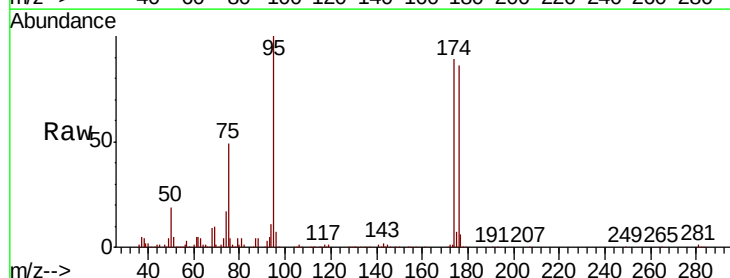
Instrument :
MSVOA_D
ClientSampled :

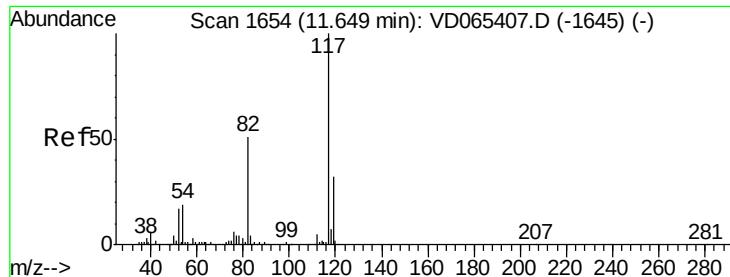
Tot Ion: 98 Resp: 884916
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.898 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065506.D
Acq: 13 Mar 2020 16:19

Tgt Ion: 95 Resp: 269742
Ion Ratio Lower Upper
95 100
174 90.9 0.0 176.8
176 86.6 0.0 171.4

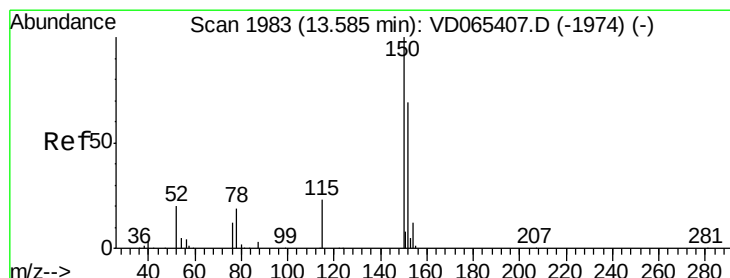
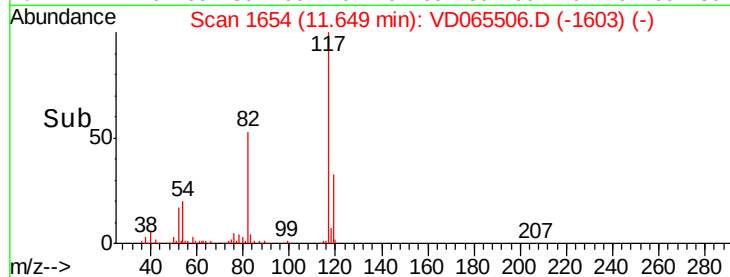
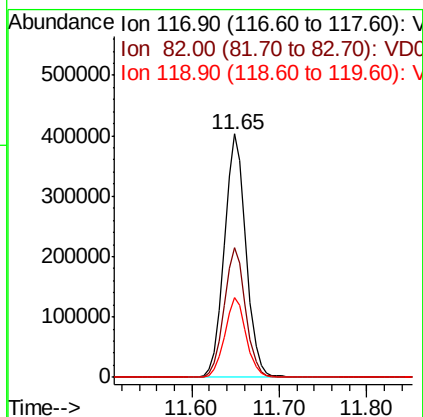
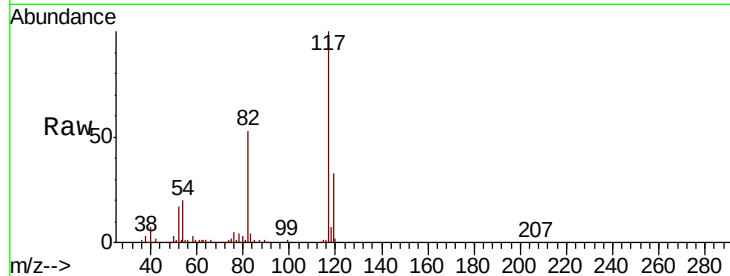




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065506.D
Acq: 13 Mar 2020 16:19

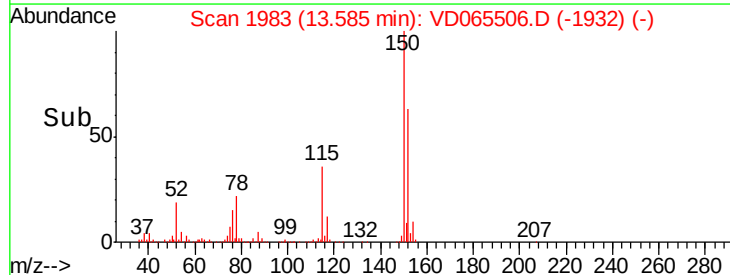
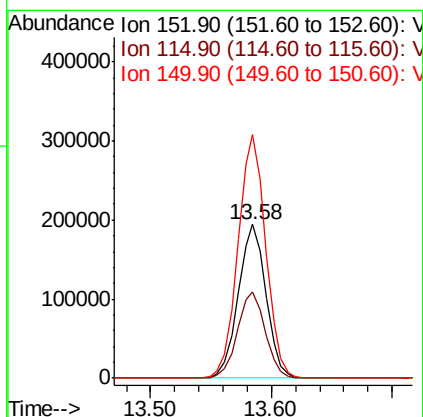
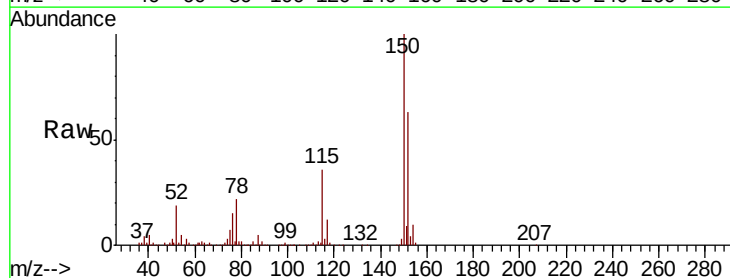
Instrument :
MSVOA_D
ClientSampleID :

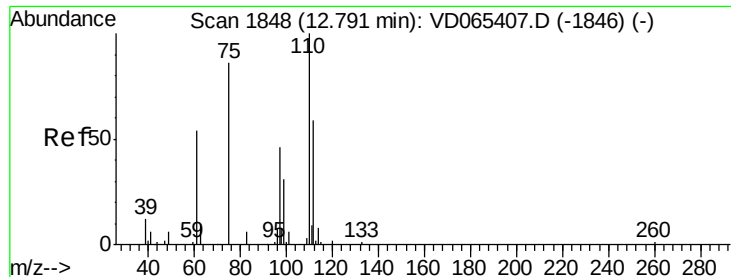
Tot Ion:117 Resp: 685050
Ion Ratio Lower Upper
117 100
82 53.3 40.6 60.8
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065506.D
Acq: 13 Mar 2020 16:19

Tgt Ion:152 Resp: 310949
Ion Ratio Lower Upper
152 100
115 56.3 27.6 82.8
150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 52.231 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065506.D

Acq: 13 Mar 2020 16:19

Instrument :

MSVOA_D

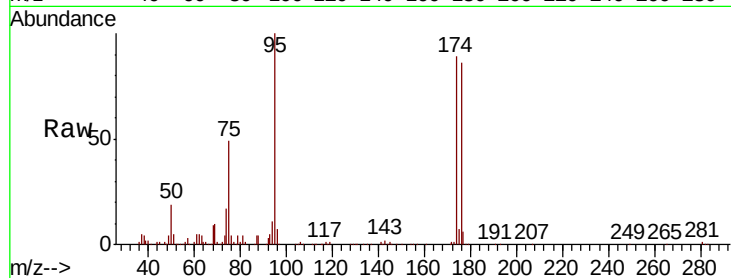
ClientSampleId :

Tot Ion: 75 Resp: 128156

Ion Ratio Lower Upper

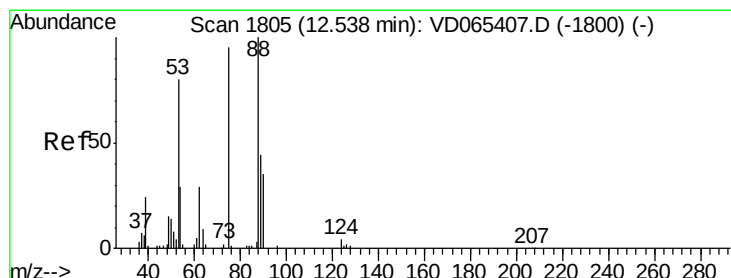
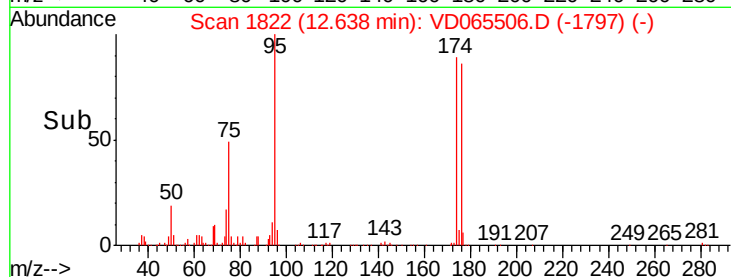
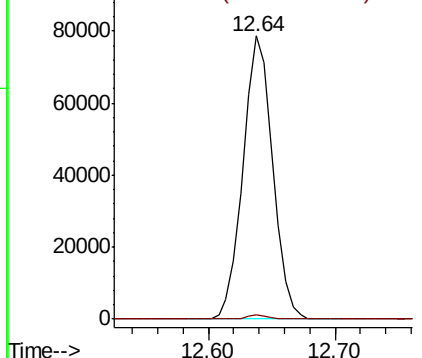
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 110.223 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065506.D

Acq: 13 Mar 2020 16:19

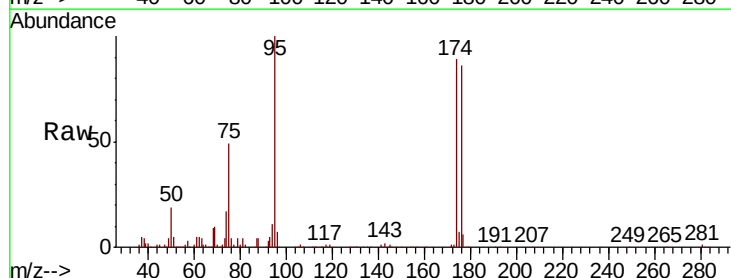
Tgt Ion: 75 Resp: 128156

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

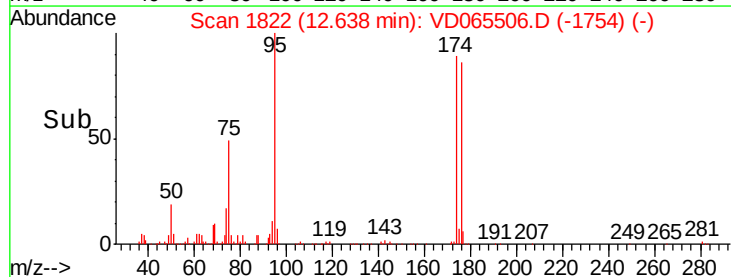
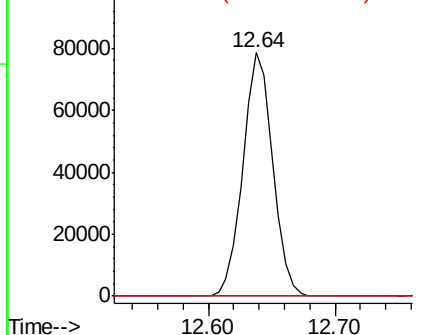
89 0.0 37.0 55.6#

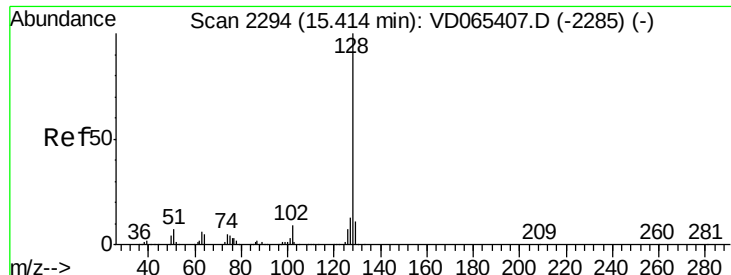


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

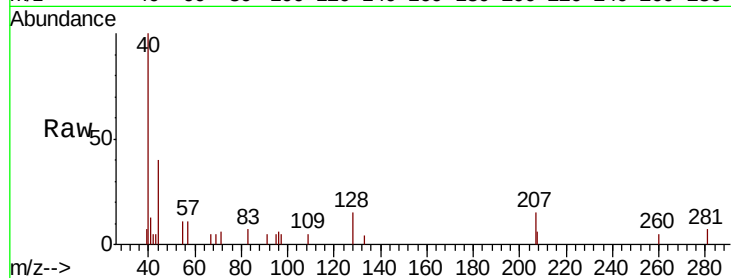




#95
 Naphthalene
 Concen: 4.497 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: VD065506.D
 Acq: 13 Mar 2020 16:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	0.0	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

