

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021020\
 Data File : VD065130.D
 Acq On : 10 Feb 2020 13:53
 Operator : VA/SY
 Sample : L1470-07
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 11 08:06:33 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	501984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	796781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	758212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297518	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	217623	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
35) Dibromofluoromethane	7.92	113	241820	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
50) Toluene-d8	10.34	98	960836	54.30	ug/l	0.00
Spiked Amount			Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.64	95	301381	53.75	ug/l	0.00
Spiked Amount			Recovery	=	107.50%	

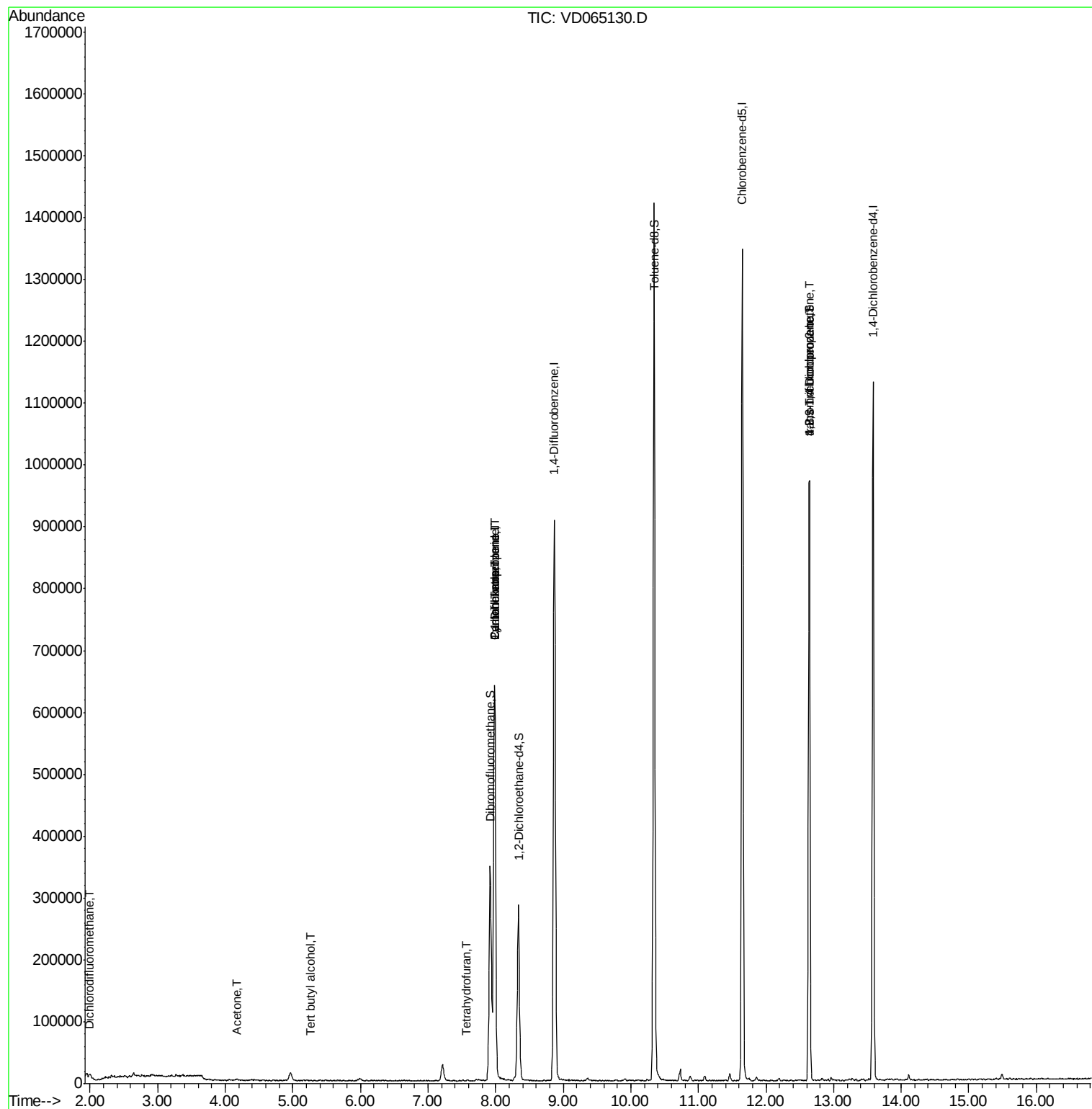
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	5392	1.291	ug/l	90
11) Tert butyl alcohol	5.25	59	477	1.830	ug/l #	71
16) Acetone	4.17	43	2456	2.302	ug/l	99
20) Methylene Chloride	4.97	84	8878	Below Cal	#	92
29) Tetrahydrofuran	7.57	42	941	1.223	ug/l #	55
31) Cyclohexane	7.98	56	11475	1.352	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	38327	5.173	ug/l #	49
38) Carbon Tetrachloride	7.98	117	46733	6.176	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	155264	68.929	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	155264	137.852	ug/l #	10

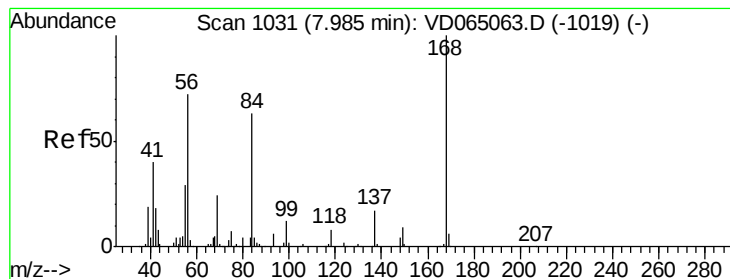
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021020\
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Quant Time: Feb 11 08:06:33 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: VD065130.D

Acq: 10 Feb 2020 13:53

Instrument :

MSVOA_D

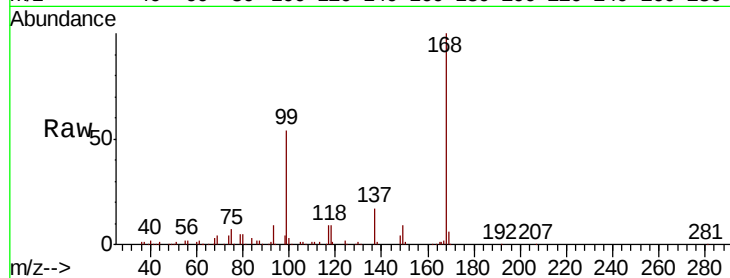
ClientSampleId :

Tot Ion:168 Resp: 501984

Ion Ratio Lower Upper

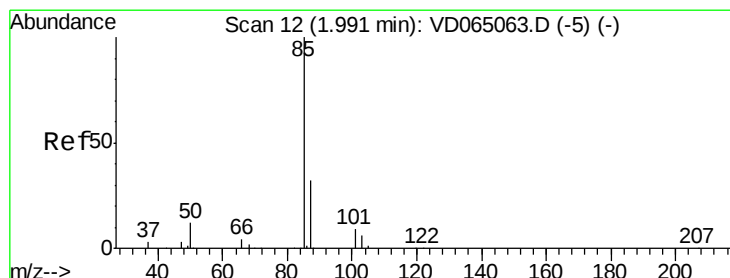
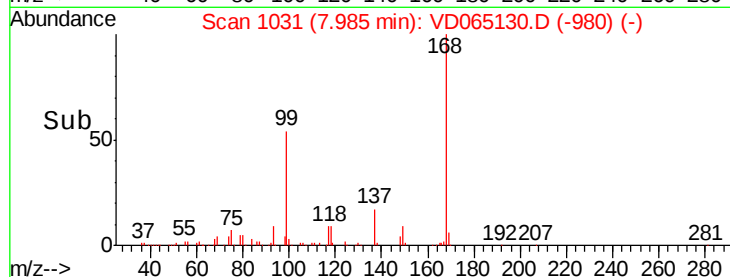
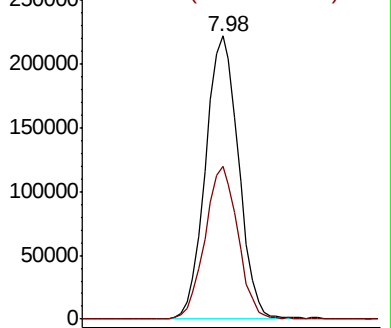
168 100

99 54.1 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 1.291 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065130.D

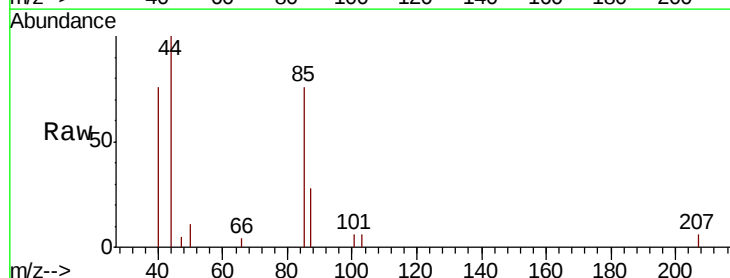
Acq: 10 Feb 2020 13:53

Tgt Ion: 85 Resp: 5392

Ion Ratio Lower Upper

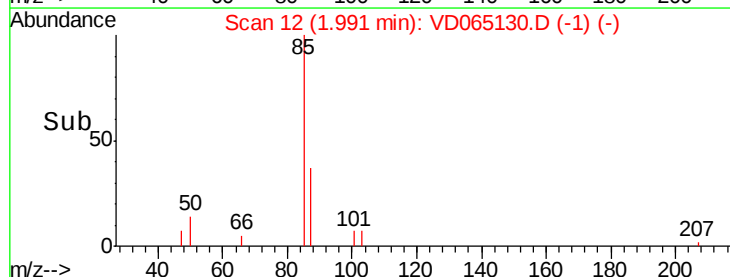
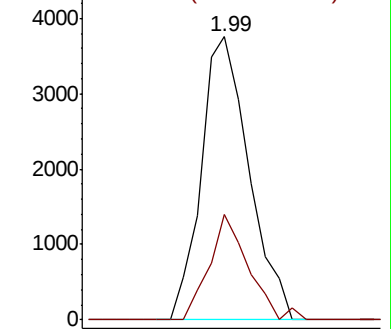
85 100

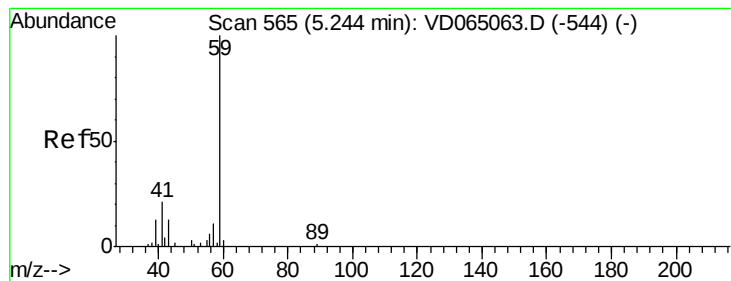
87 37.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



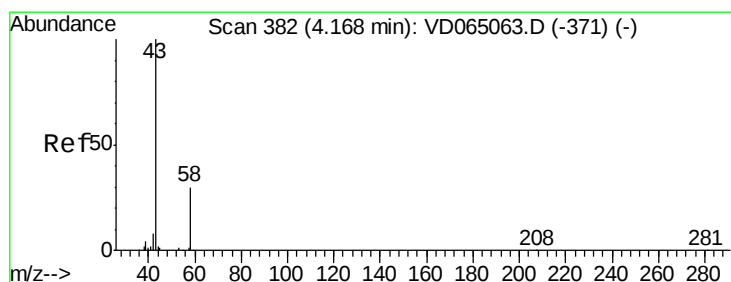
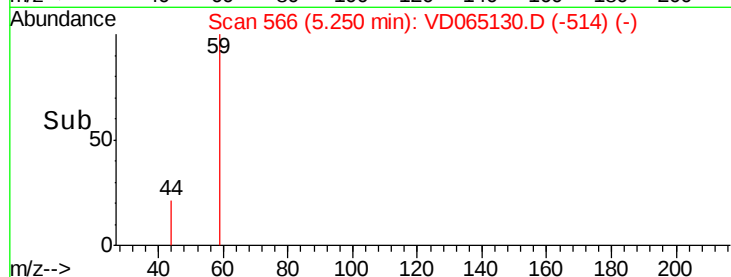
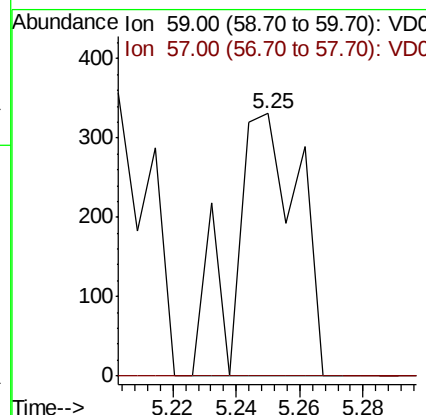
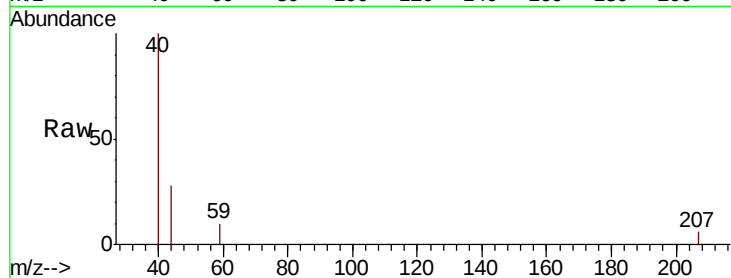


#11

Tert butyl alcohol
 Concen: 1.830 ug/l
 RT: 5.25 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VD065130.D
 Acq: 10 Feb 2020 13:53

Instrument :
 MSVOA_D
 ClientSampleId :

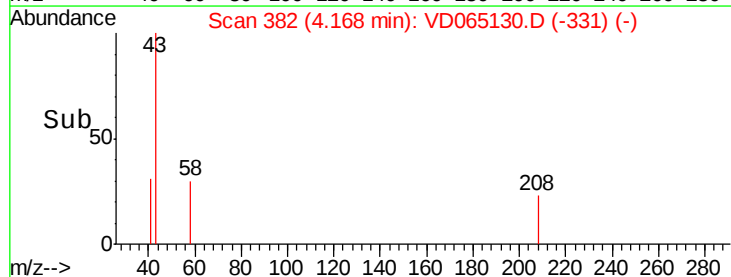
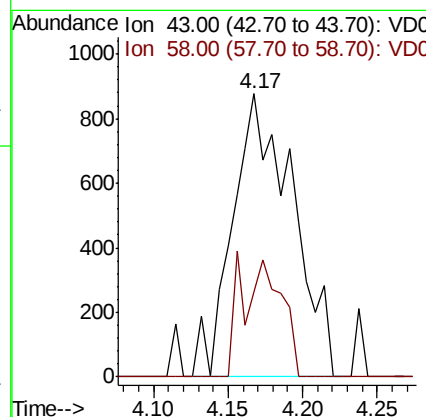
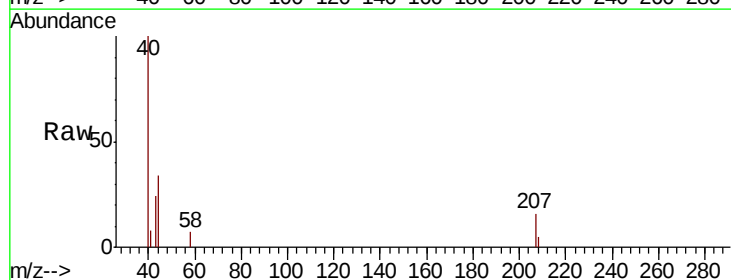
Tot Ion: 59 Resp: 477
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

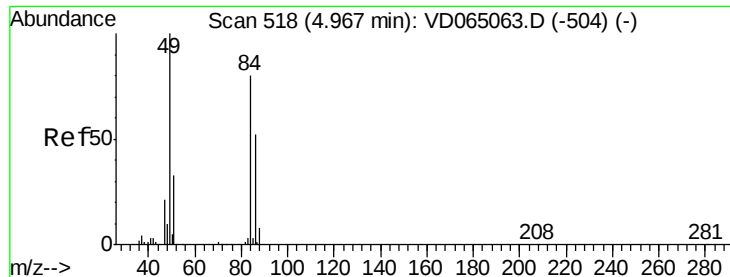


#16

Acetone
 Concen: 2.302 ug/l
 RT: 4.17 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VD065130.D
 Acq: 10 Feb 2020 13:53

Tgt Ion: 43 Resp: 2456
 Ion Ratio Lower Upper
 43 100
 58 29.9 23.5 35.3

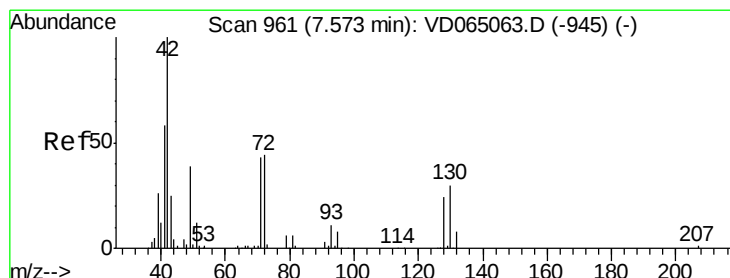
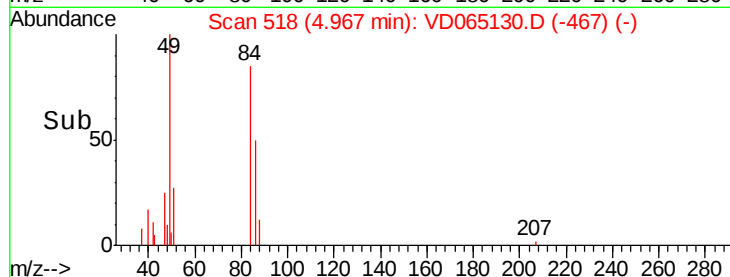
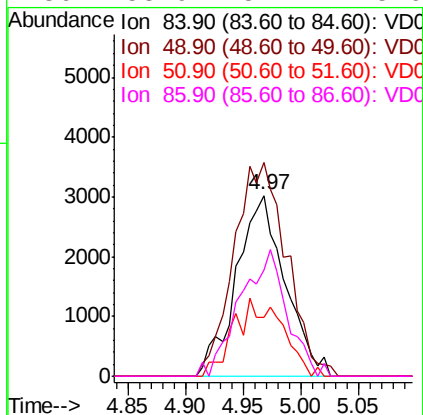
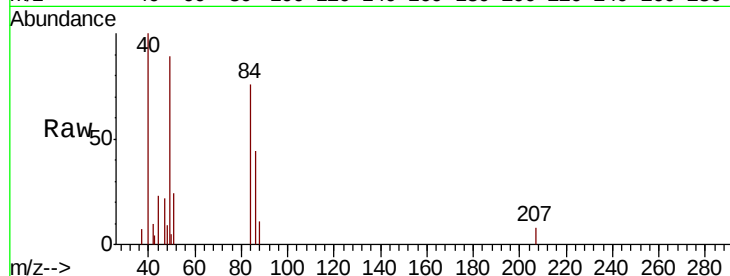




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

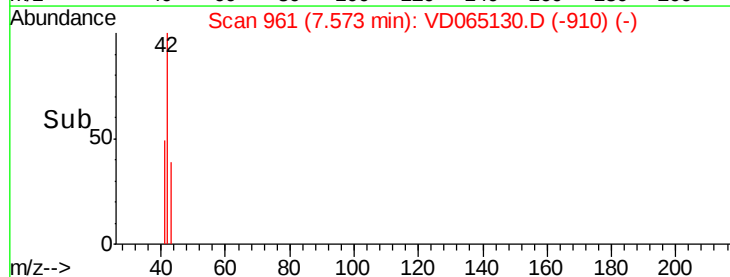
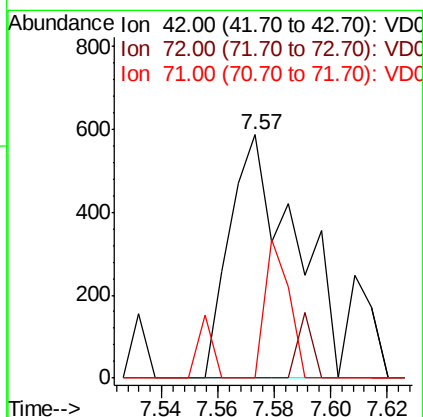
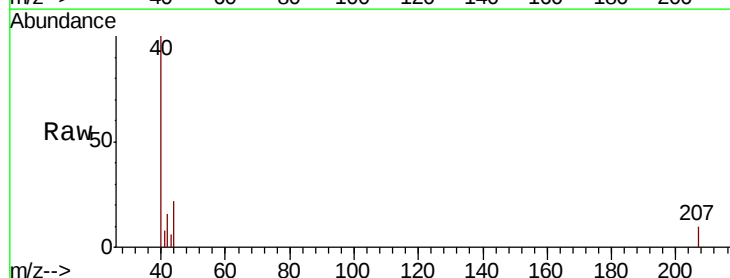
Instrument :
MSVOA_D
ClientSampled :

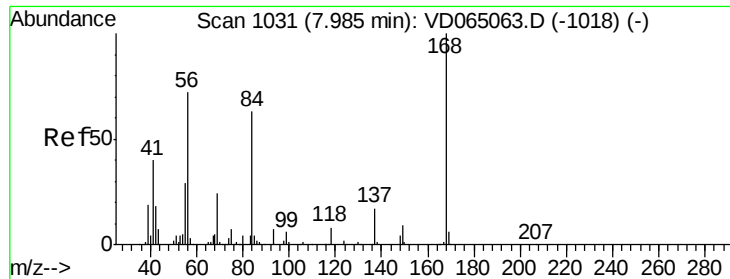
Tot Ion: 84 Resp: 8878
Ion Ratio Lower Upper
84 100
49 117.9 100.4 150.6
51 32.4 32.7 49.1#
86 58.9 52.4 78.6



#29
Tetrahydrofuran
Concen: 1.223 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

Tgt Ion: 42 Resp: 941
Ion Ratio Lower Upper
42 100
72 6.0 34.2 51.4#
71 20.8 31.8 47.6#

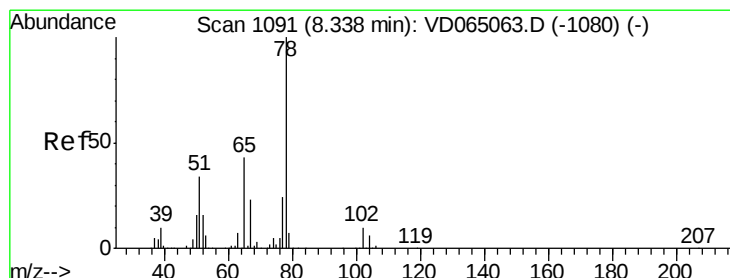
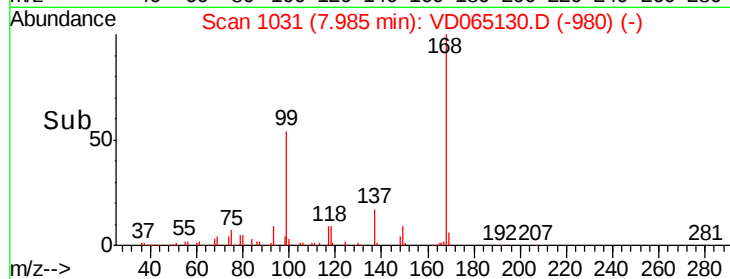
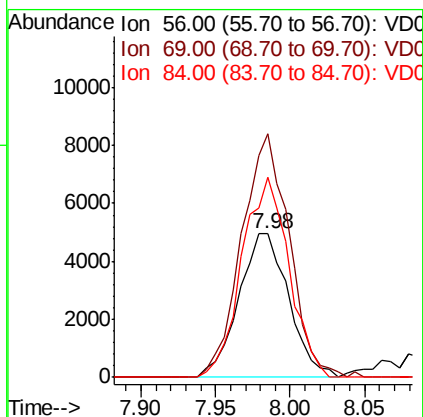
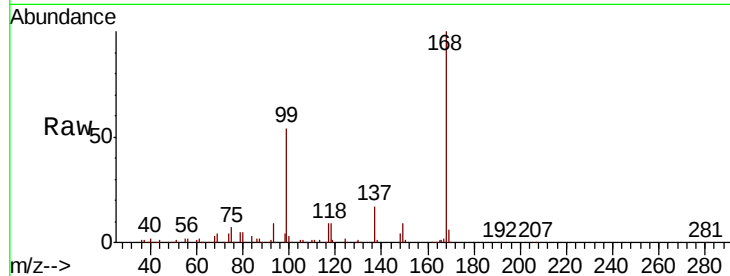




#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

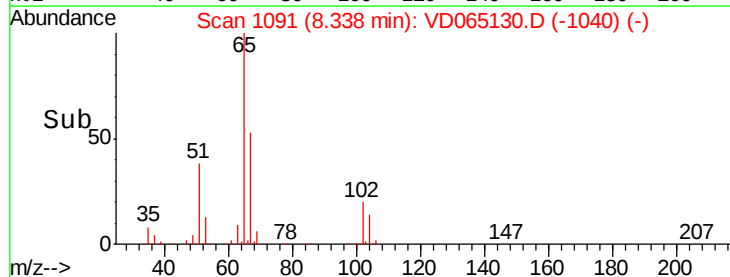
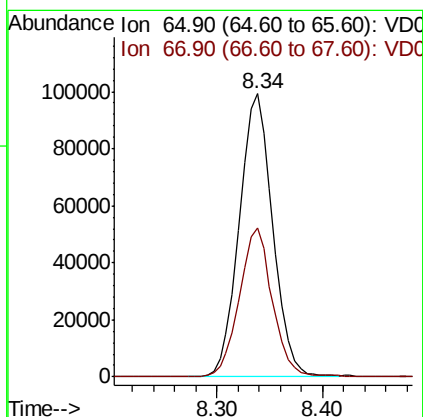
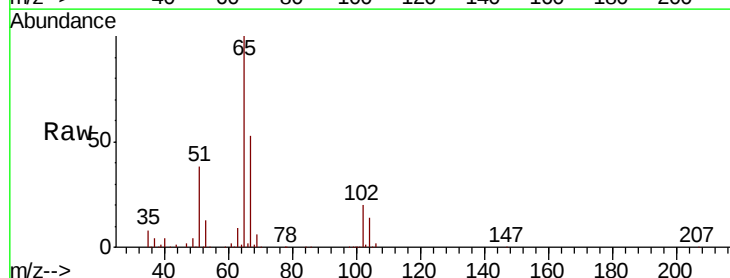
Instrument :
MSVOA_D
ClientSampleId :

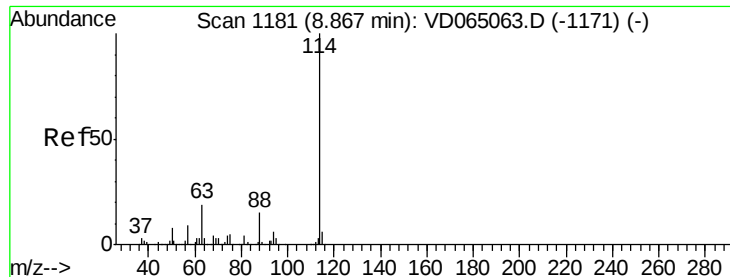
Tot Ion: 56 Resp: 11475
Ion Ratio Lower Upper
56 100
69 169.4 26.6 40.0#
84 138.9 70.6 106.0#



#33
1,2-Dichloroethane-d4
Concen: 51.008 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

Tgt Ion: 65 Resp: 217623
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.8

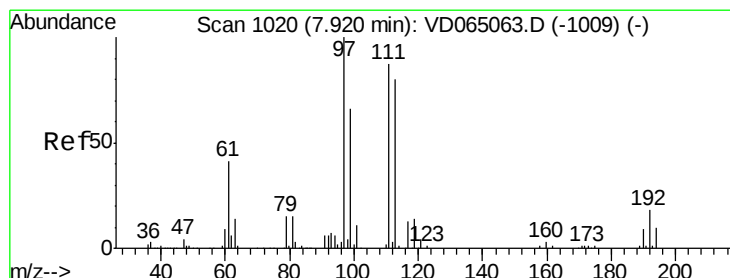
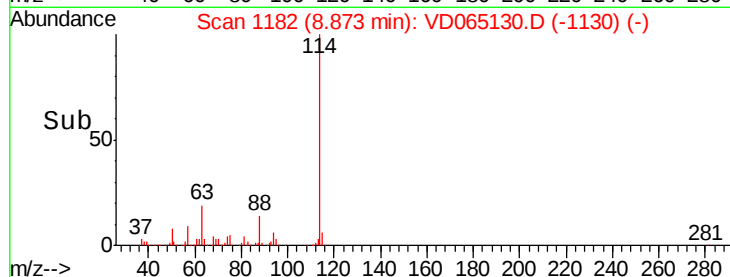
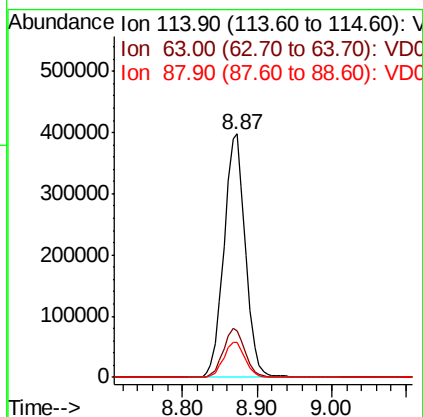
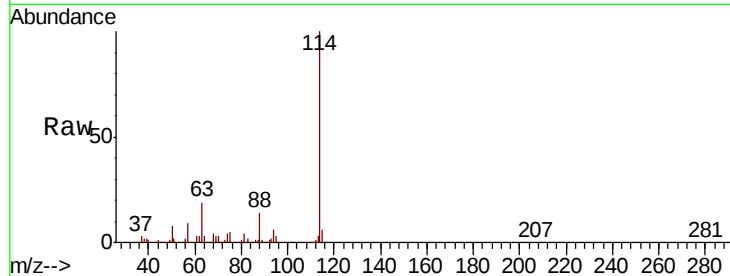




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065130.D
 Acq: 10 Feb 2020 13:53

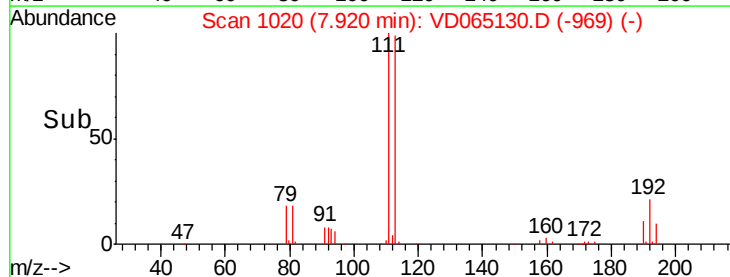
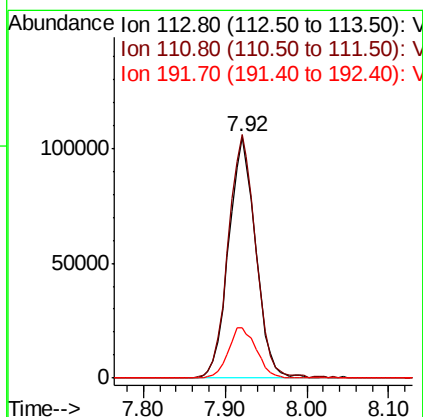
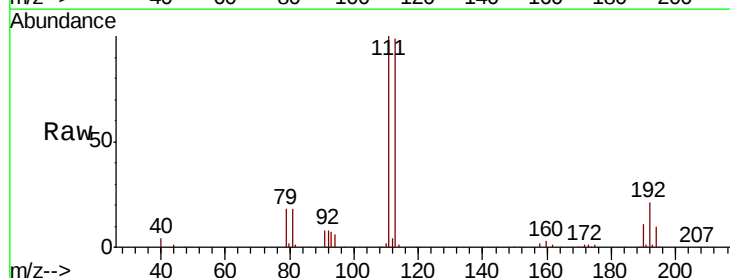
Instrument :
 MSVOA_D
 ClientSampleId :

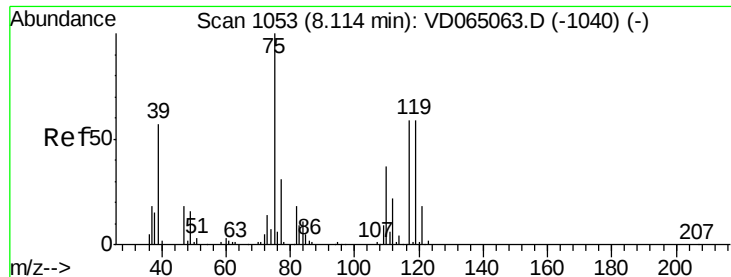
Tot Ion:114 Resp: 796781
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 14.3 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 54.396 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065130.D
 Acq: 10 Feb 2020 13:53

Tgt Ion:113 Resp: 241820
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.1 124.7
 192 21.7 18.1 27.1





#36

1,1-Dichloropropene

Concen: 5.173 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

Instrument :

MSVOA_D

ClientSampleId :

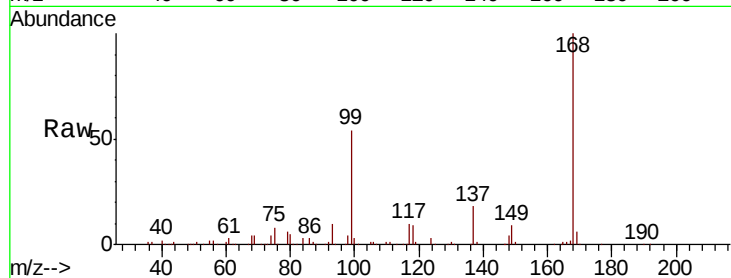
Tot Ion: 75 Resp: 38327

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.3#

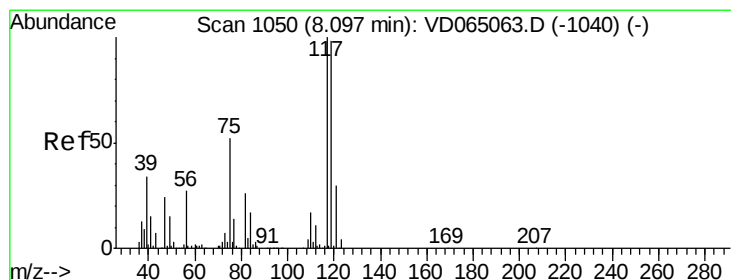
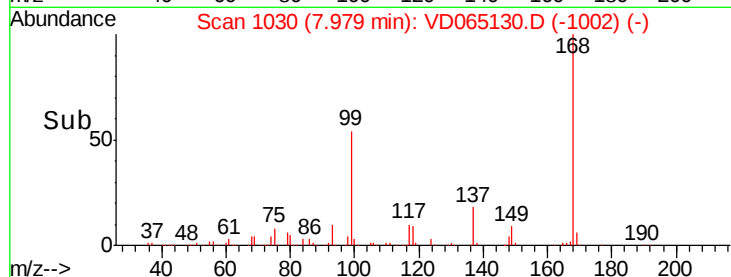
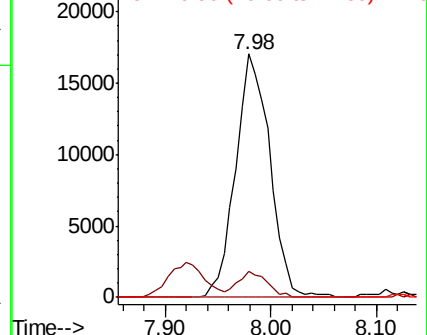
77 0.0 24.7 37.1#



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: 6.176 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

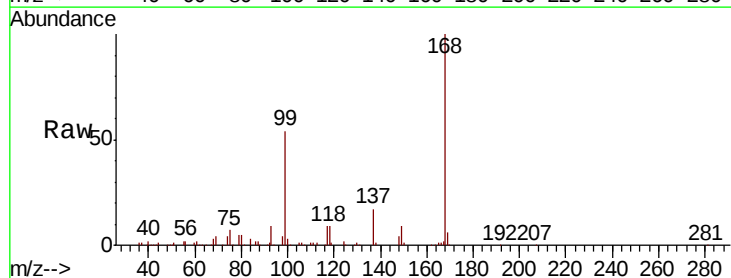
Tgt Ion: 117 Resp: 46733

Ion Ratio Lower Upper

117 100

119 6.6 78.5 117.7#

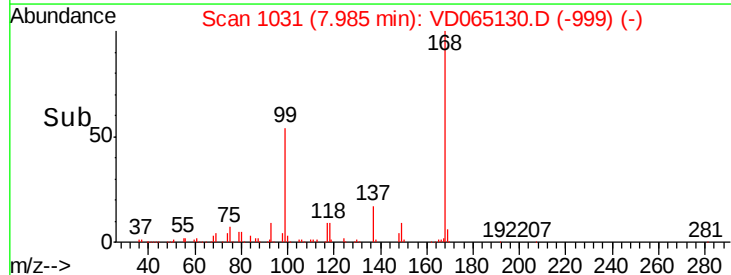
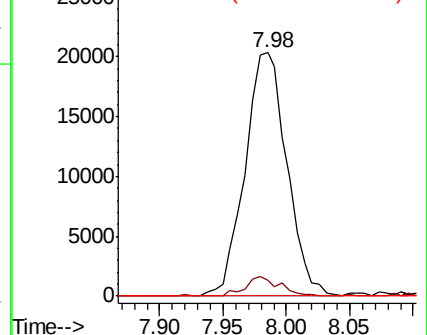
121 0.0 23.8 35.6#

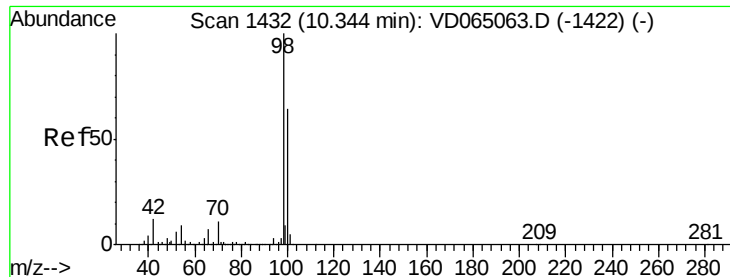


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

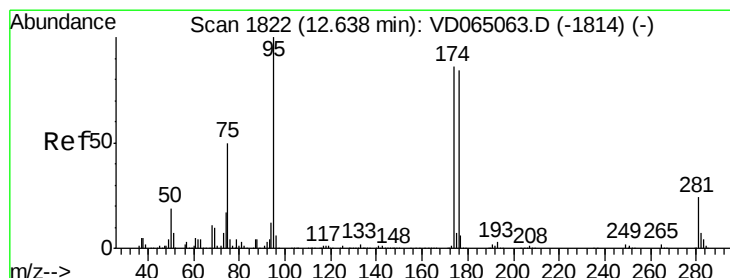
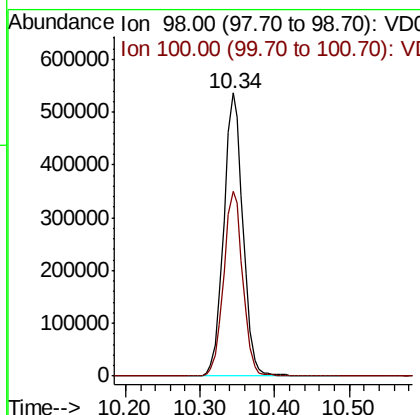
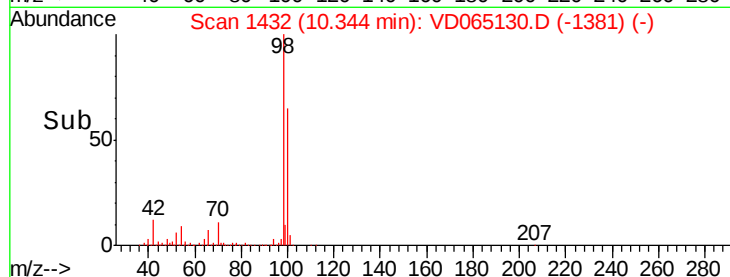
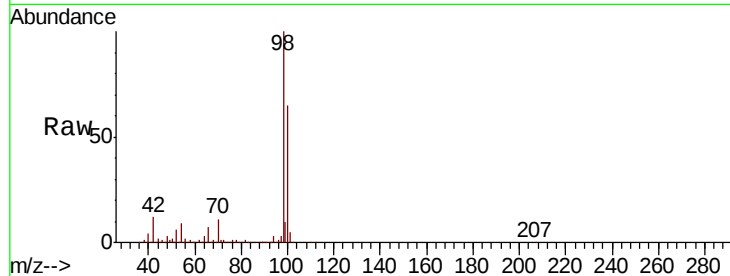




#50
Toluene-d8
Concen: 54.301 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

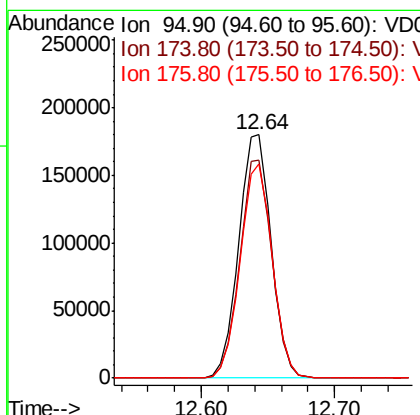
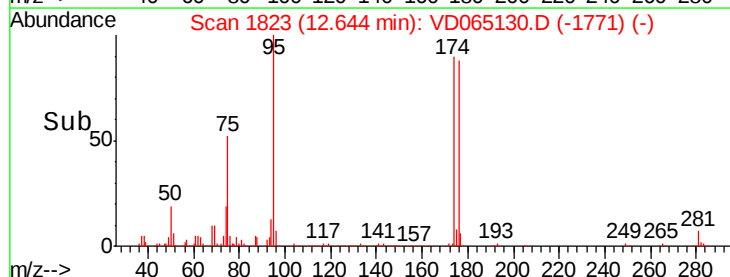
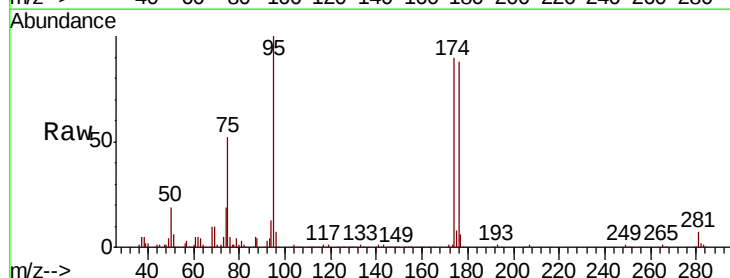
Instrument :
MSVOA_D
ClientSampleId :

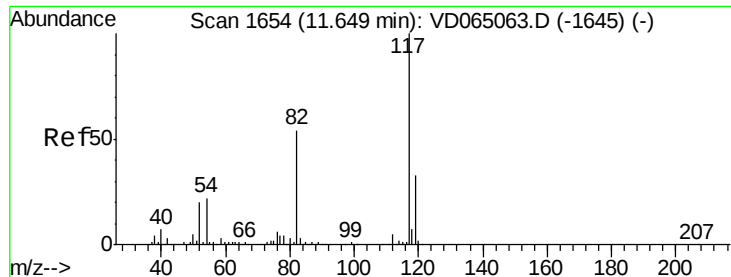
Tot Ion: 98 Resp: 960836
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 53.753 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

Tgt Ion: 95 Resp: 301381
Ion Ratio Lower Upper
95 100
174 88.8 0.0 180.0
176 86.8 0.0 173.2

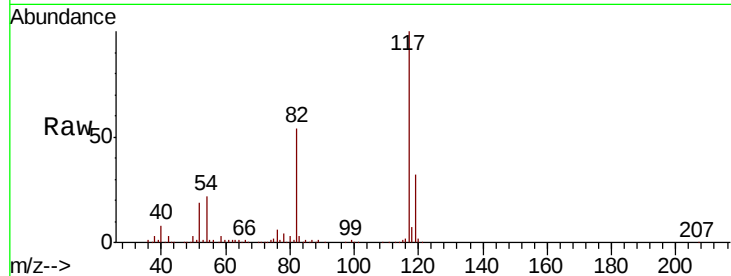




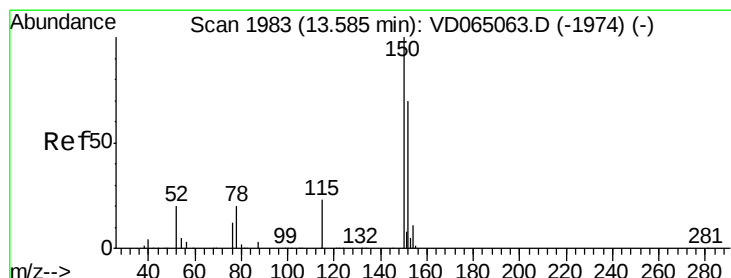
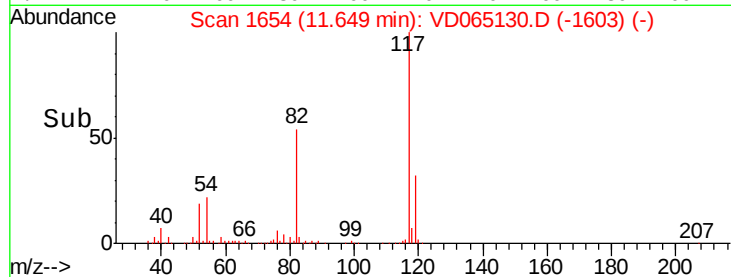
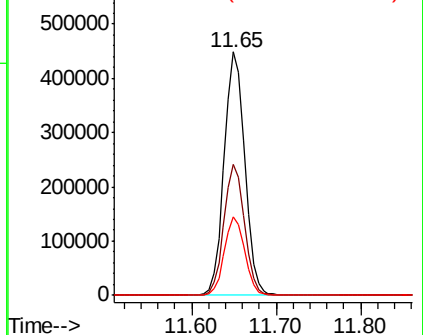
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

Instrument :
MSVOA_D
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.1	64.7
119	32.5	26.0	39.0

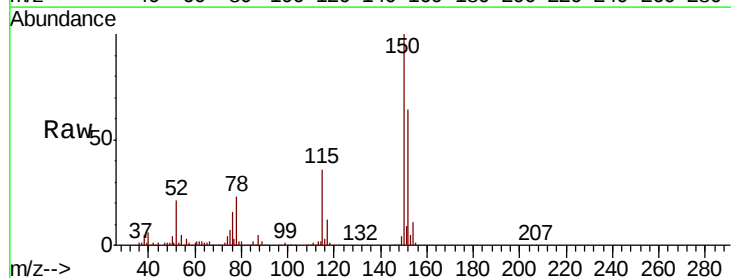


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

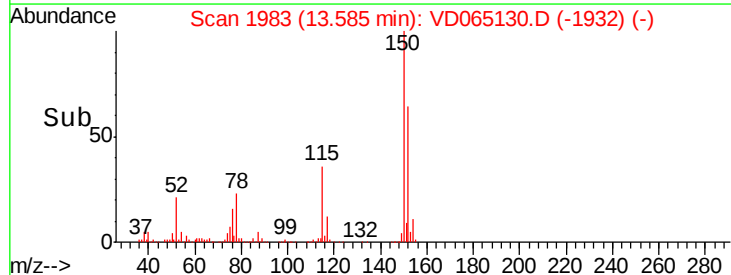
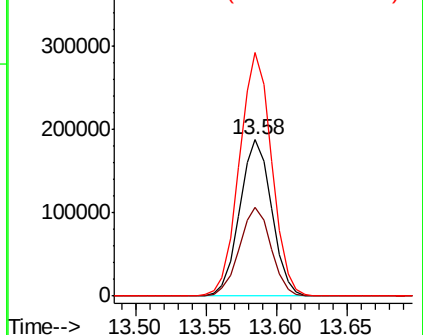


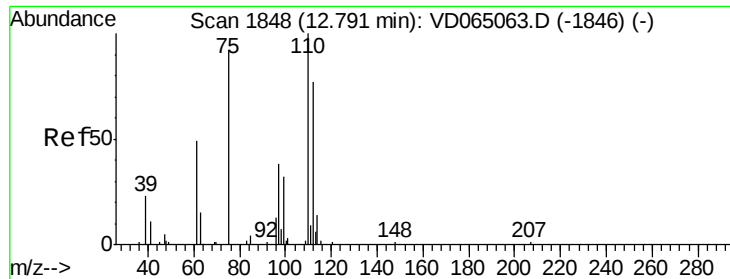
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065130.D
Acq: 10 Feb 2020 13:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.5	82.4
150	157.0	0.0	343.2



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: 68.929 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

Instrument :

MSVOA_D

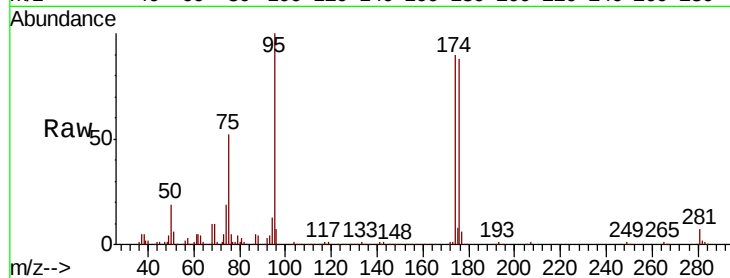
ClientSampled :

Tot Ion: 75 Resp: 155264

Ion Ratio Lower Upper

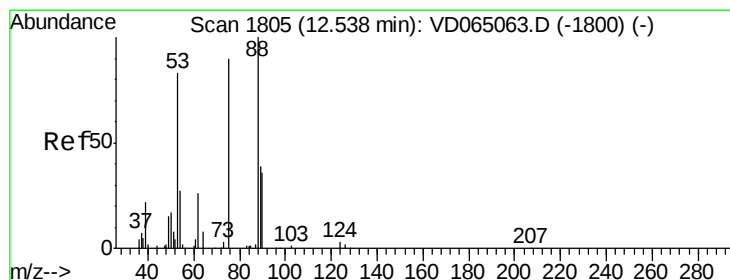
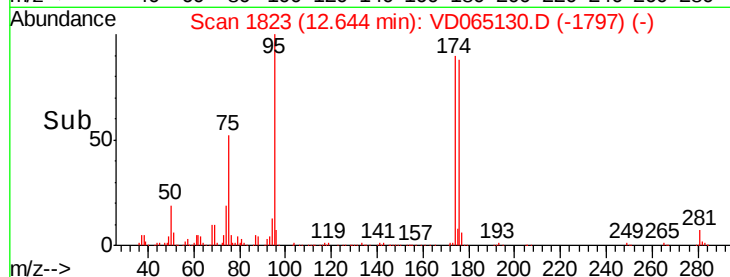
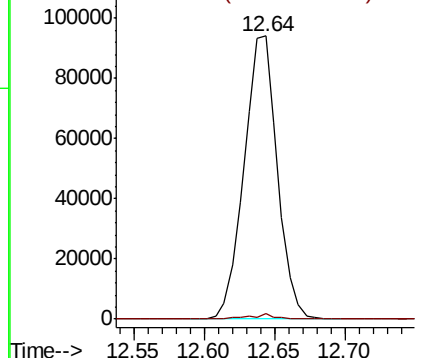
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 137.852 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065130.D

Acq: 10 Feb 2020 13:53

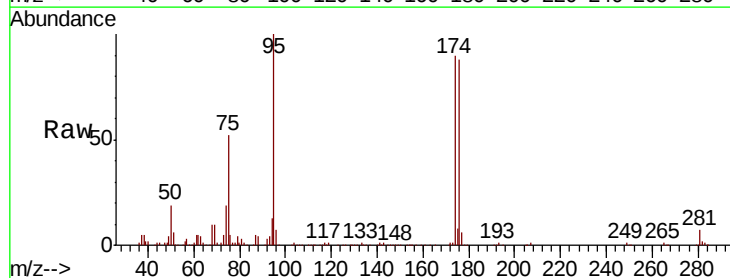
Tgt Ion: 75 Resp: 155264

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

