

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065158.D
 Acq On : 12 Feb 2020 10:53
 Operator : VA/SY
 Sample : VD0212SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 13 05:58:37 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

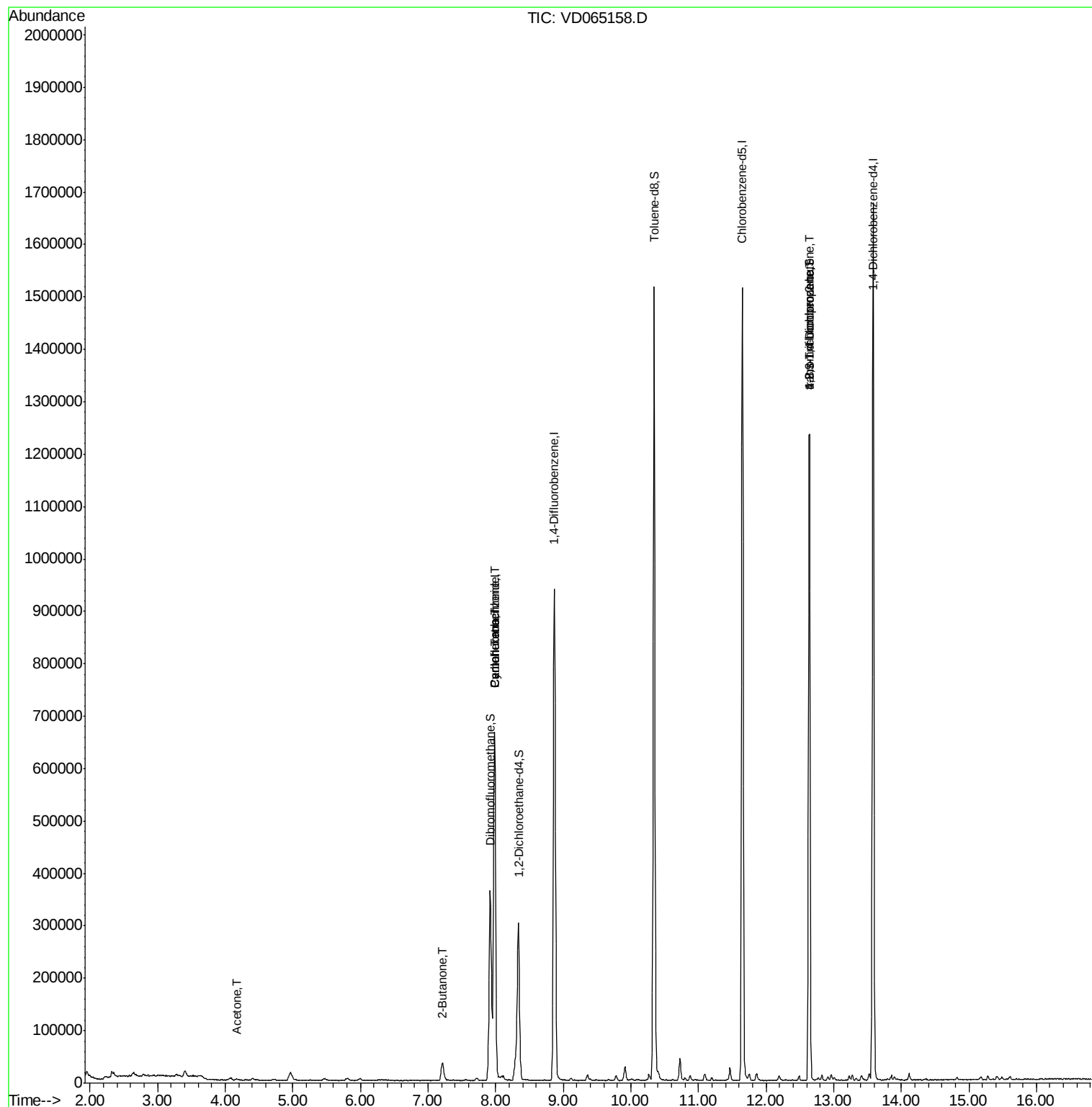
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	509534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	825778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	878304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	437520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	239839	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
35) Dibromofluoromethane	7.92	113	253801	55.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.18%	
50) Toluene-d8	10.34	98	1027421	56.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.06%	
62) 4-Bromofluorobenzene	12.64	95	390815	67.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.52%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	4107	3.793	ug/l #	88
20) Methylene Chloride	4.97	84	10640	Below Cal		97
25) 2-Butanone	7.22	43	2530	1.959	ug/l #	50
31) Cyclohexane	7.98	56	13809	1.603	ug/l #	8
38) Carbon Tetrachloride	7.98	117	46491	5.928	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.93	63	54	Below Cal	#	46
76) 1,2,3-Trichloropropane	12.64	75	195533	59.029	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	195533	118.053	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021220\
Data File : VD065158.D
Acq On : 12 Feb 2020 10:53
Operator : VA/SY
Sample : VD0212SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 13 05:58:37 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: VD065158.D

Acq: 12 Feb 2020 10:53

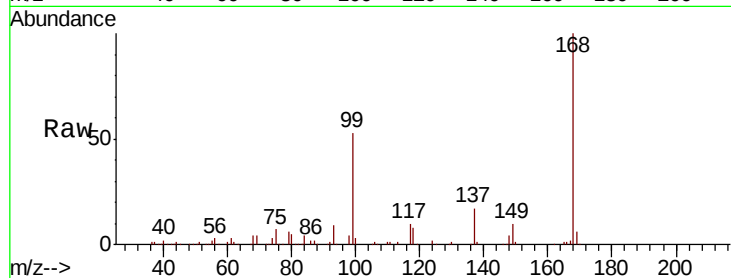
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 509534

Ion Ratio Lower Upper

168 100

99 52.3 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

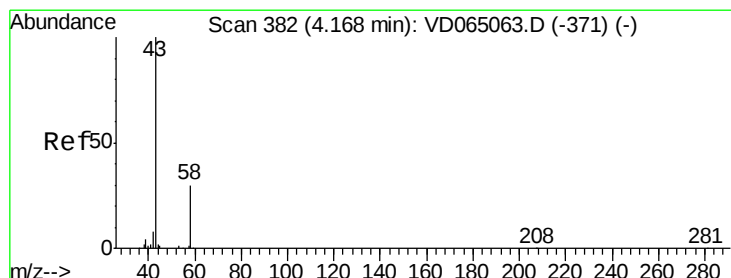
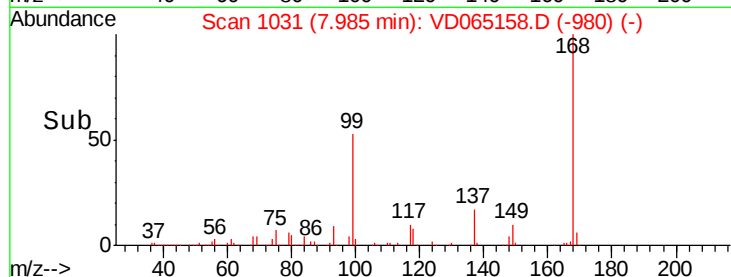
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.793 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065158.D

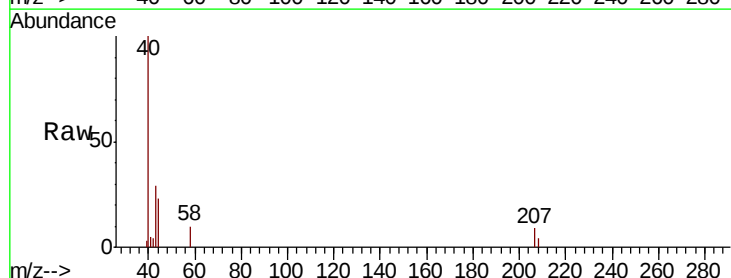
Acq: 12 Feb 2020 10:53

Tgt Ion: 43 Resp: 4107

Ion Ratio Lower Upper

43 100

58 35.7 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

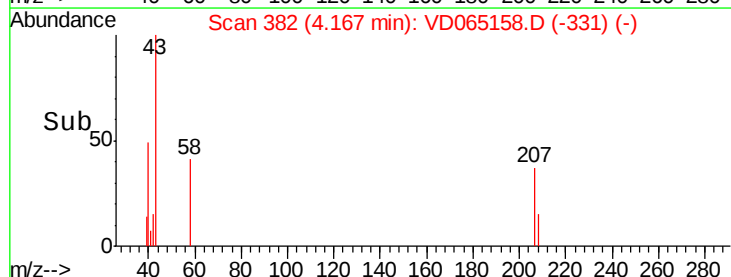
1500

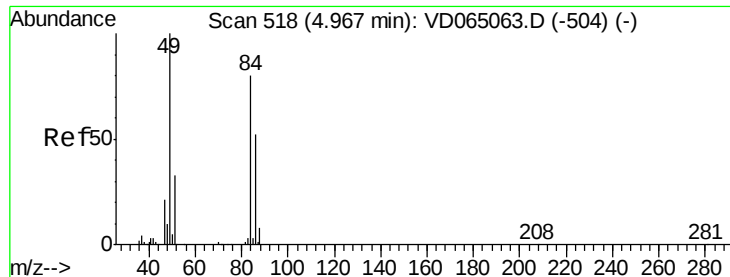
1000

500

0

Time-->

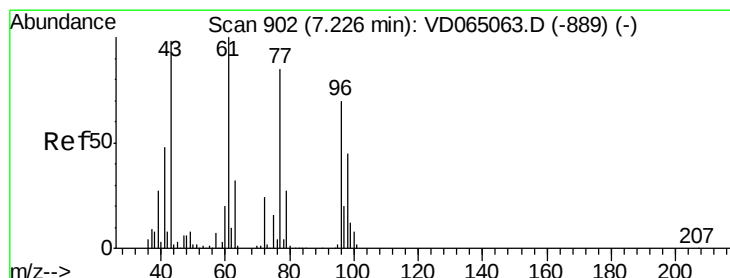
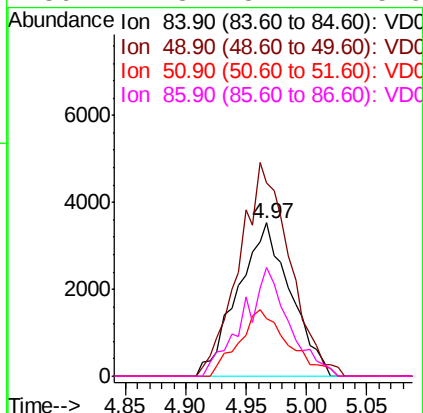
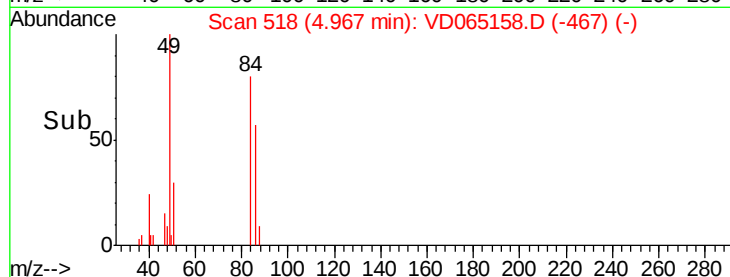
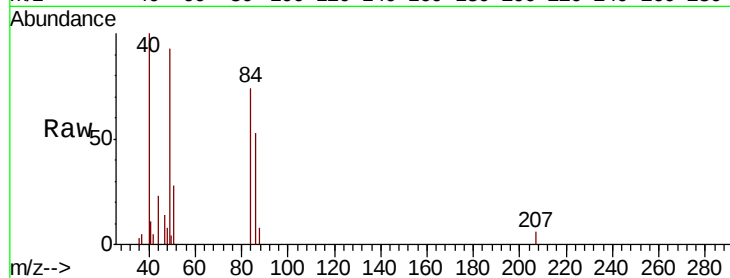




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065158.D
Acq: 12 Feb 2020 10:53

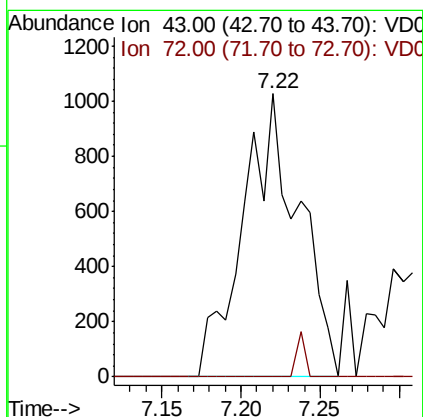
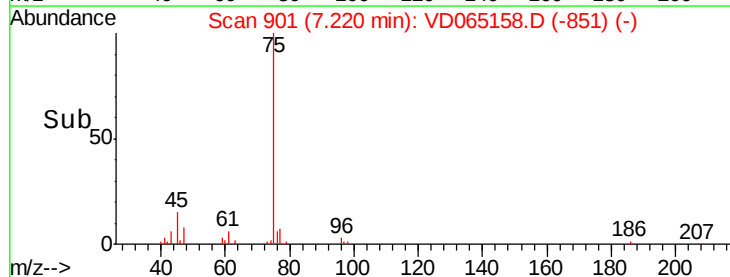
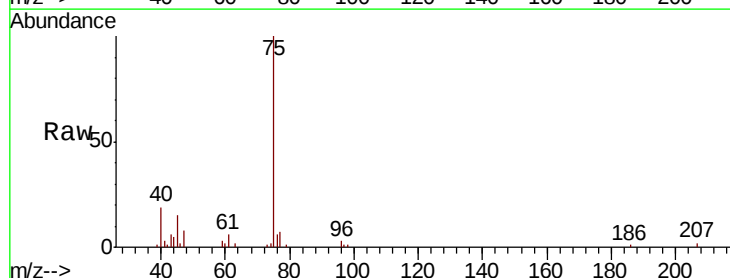
Instrument :
MSVOA_D
ClientSampleId :

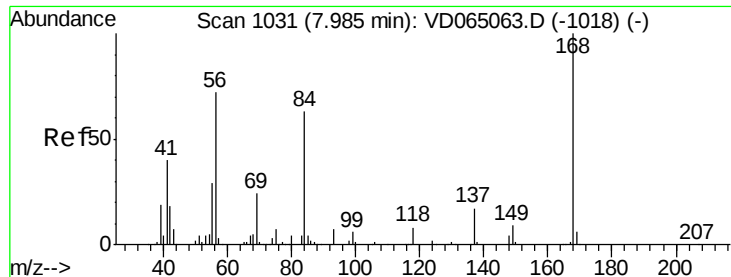
Tot Ion: 84 Resp: 10640
Ion Ratio Lower Upper
84 100
49 125.6 100.4 150.6
51 37.7 32.7 49.1
86 71.3 52.4 78.6



#25
2-Butanone
Concen: 1.959 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD065158.D
Acq: 12 Feb 2020 10:53

Tgt Ion: 43 Resp: 2530
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

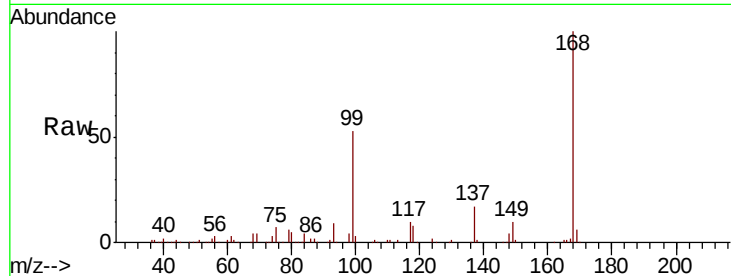




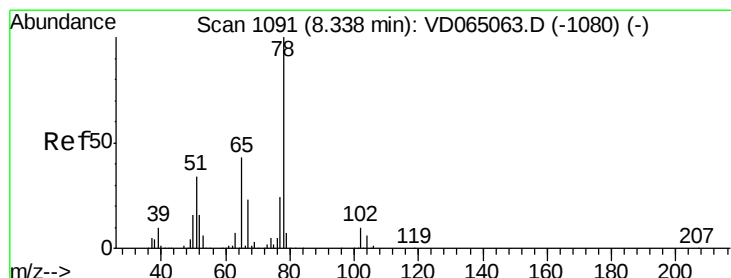
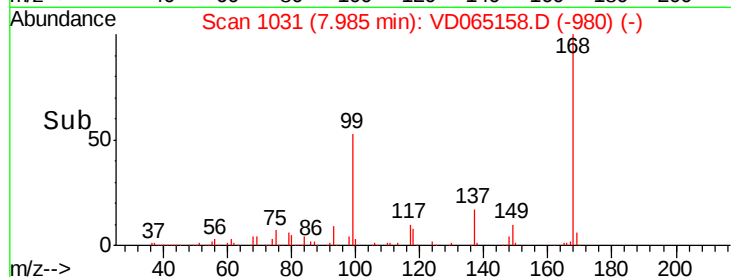
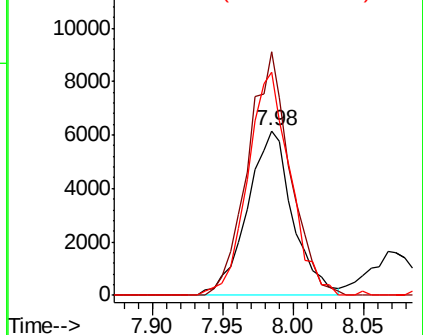
#31
Cyclohexane
Concen: 1.603 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065158.D
Acq: 12 Feb 2020 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 13809
Ion Ratio Lower Upper
56 100
69 148.0 26.6 40.0#
84 135.6 70.6 106.0#

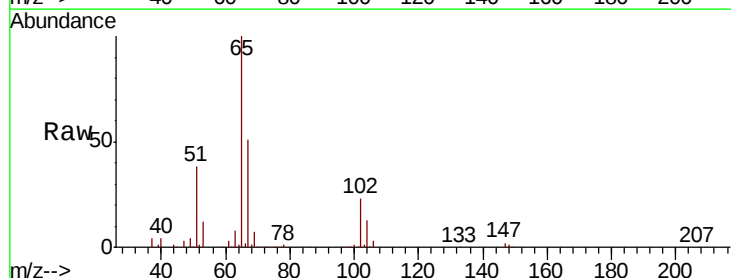


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

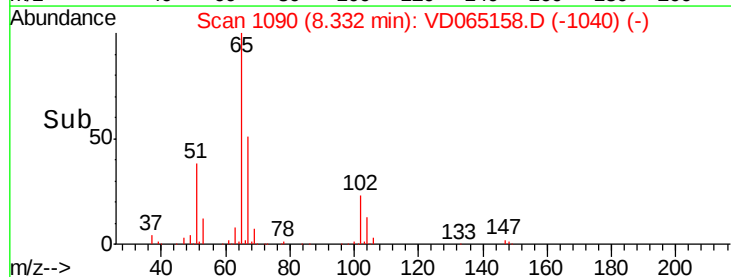
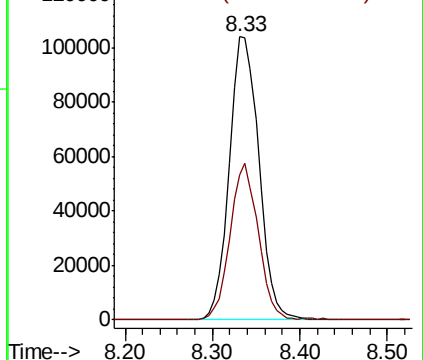


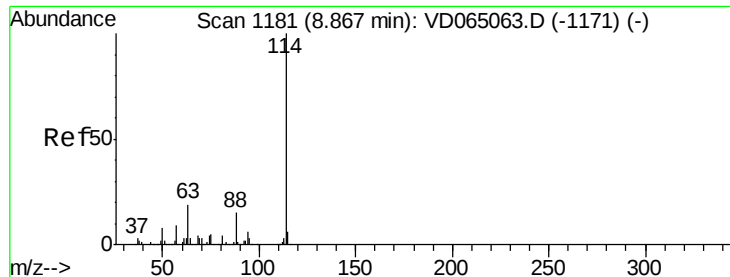
#33
1,2-Dichloroethane-d4
Concen: 55.382 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065158.D
Acq: 12 Feb 2020 10:53

Tgt Ion: 65 Resp: 239839
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

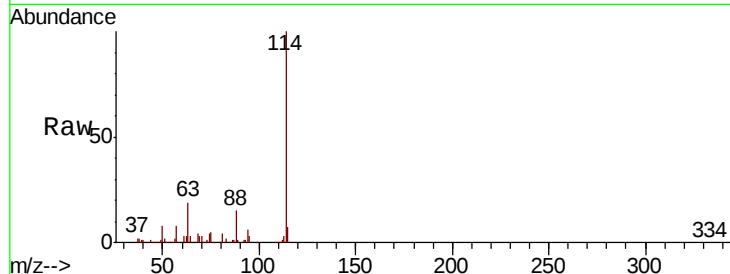




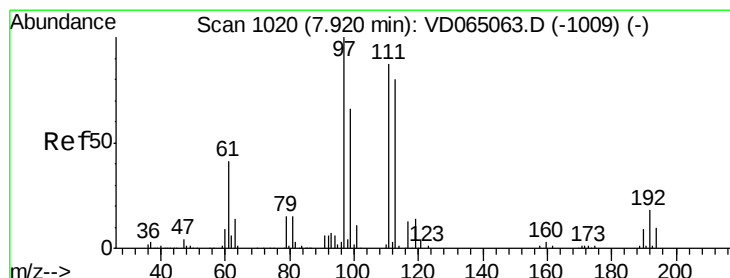
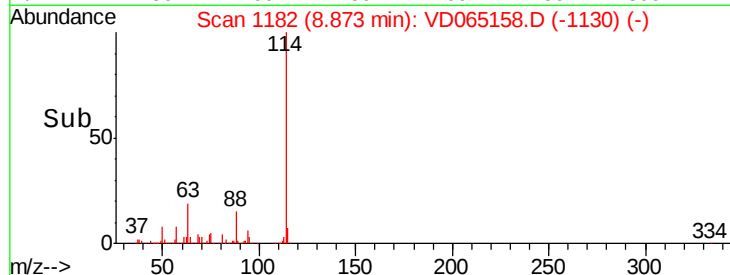
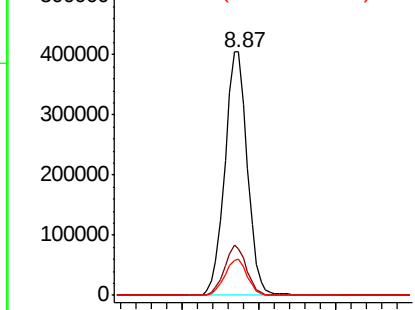
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD065158.D
Acq: 12 Feb 2020 10:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:114 Resp: 825778
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.8
88 14.9 0.0 29.6

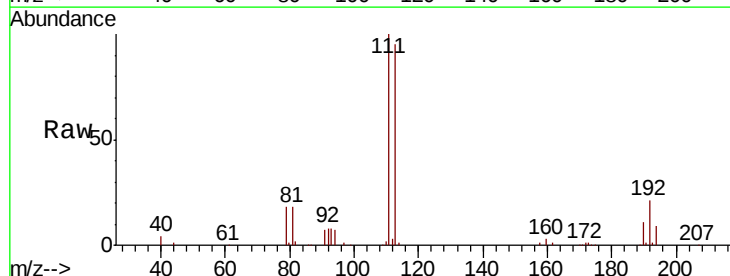


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

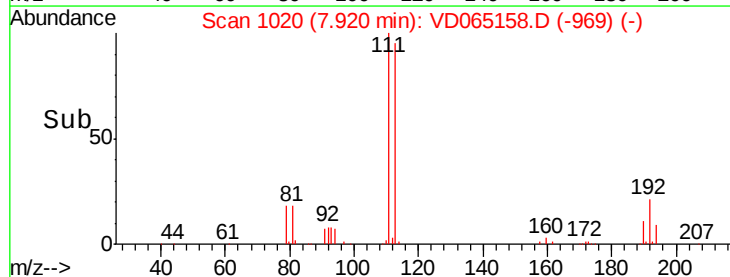
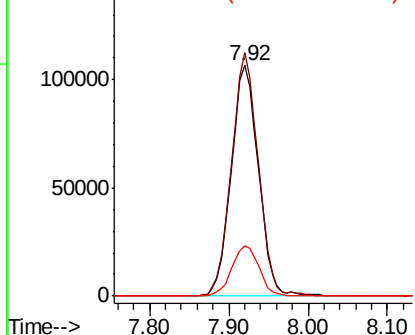


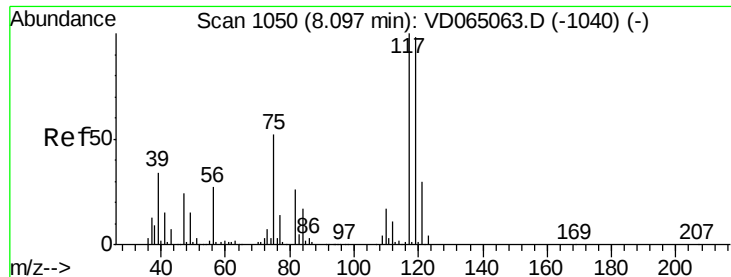
#35
Dibromofluoromethane
Concen: 55.086 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065158.D
Acq: 12 Feb 2020 10:53

Tgt Ion:113 Resp: 253801
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 21.8 18.1 27.1



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





#38

Carbon Tetrachloride

Concen: 5.928 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065158.D

Acq: 12 Feb 2020 10:53

Instrument :

MSVOA_D

ClientSampleId :

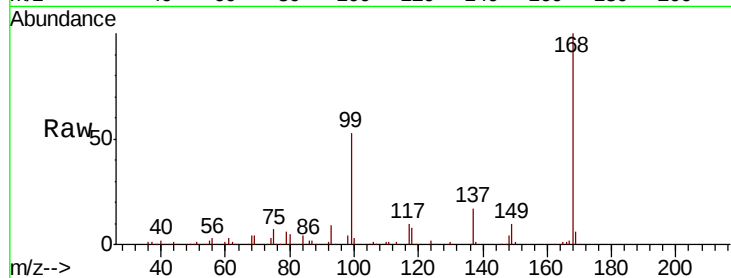
Tot Ion:117 Resp: 46491

Ion Ratio Lower Upper

117 100

119 5.1 78.5 117.7#

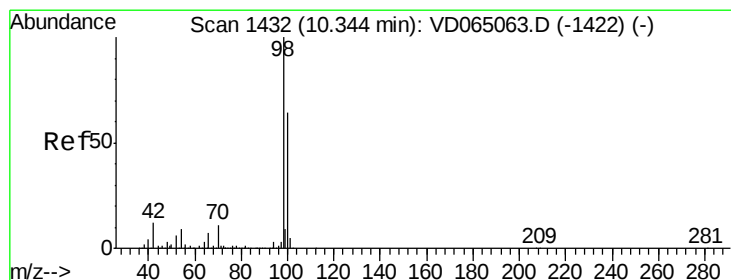
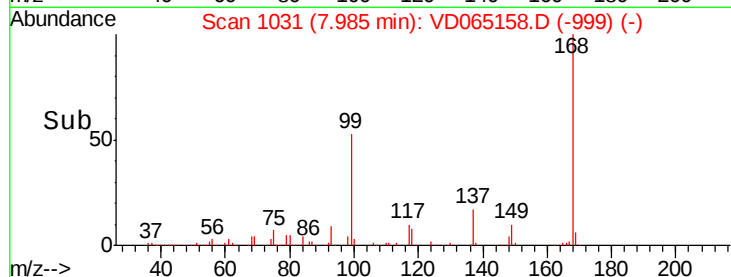
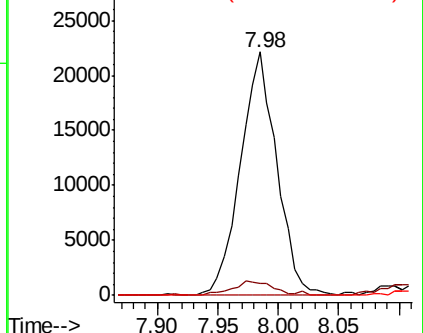
121 0.0 23.8 35.6#



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: 56.025 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065158.D

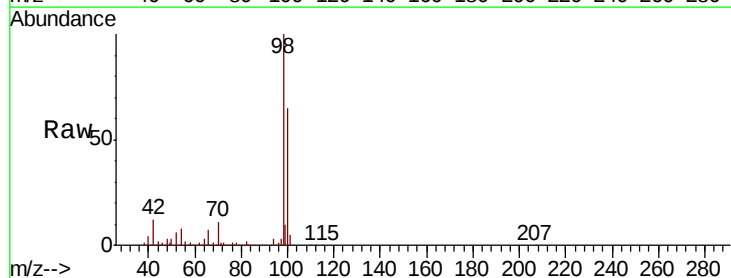
Acq: 12 Feb 2020 10:53

Tgt Ion: 98 Resp: 1027421

Ion Ratio Lower Upper

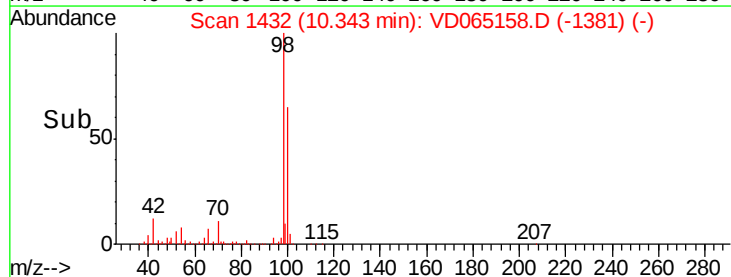
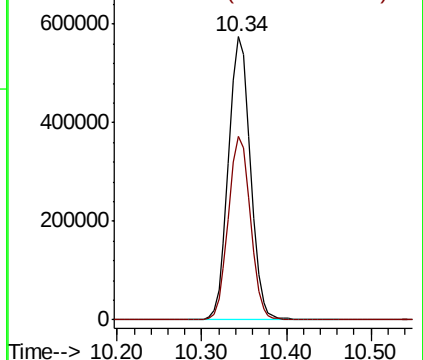
98 100

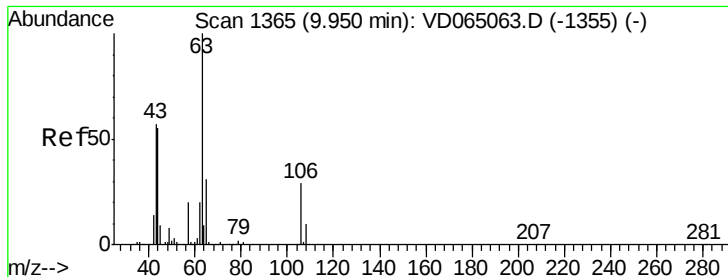
100 65.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

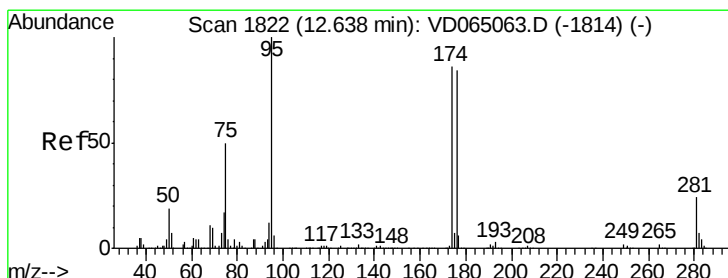
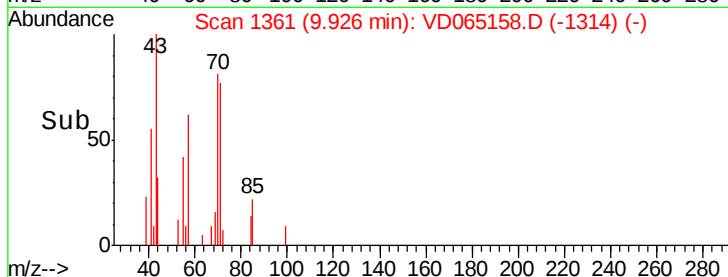
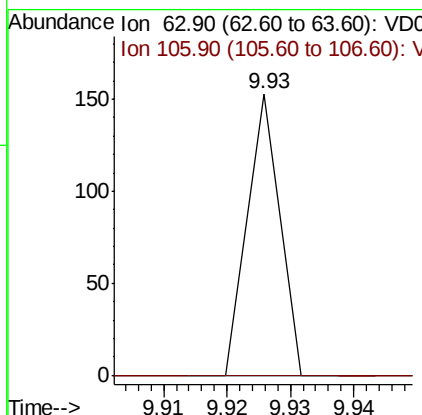
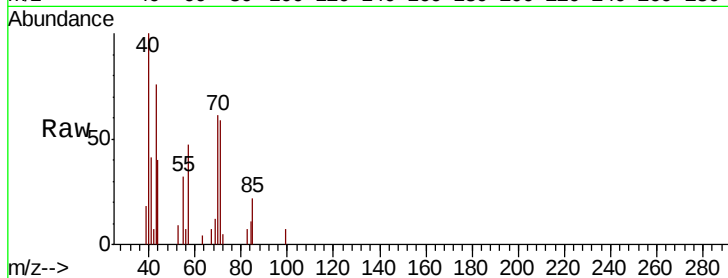




#58
 2-Chloroethyl Vinyl ether
 Concen: Below Cal
 RT: 9.93 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: VD065158.D
 Acq: 12 Feb 2020 10:53

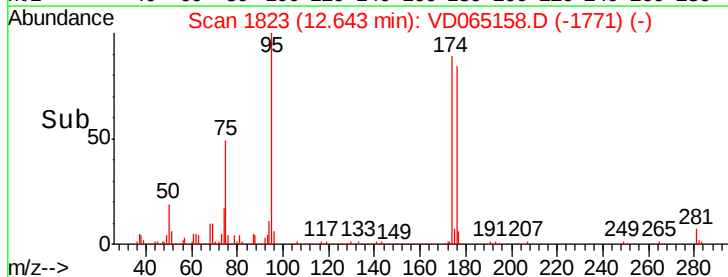
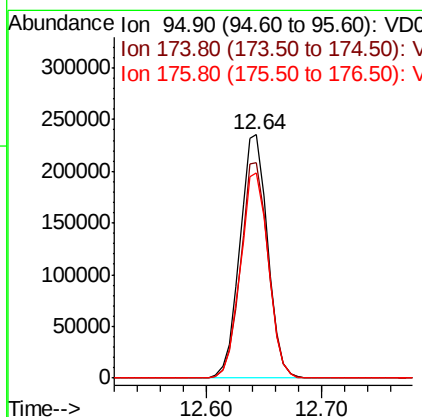
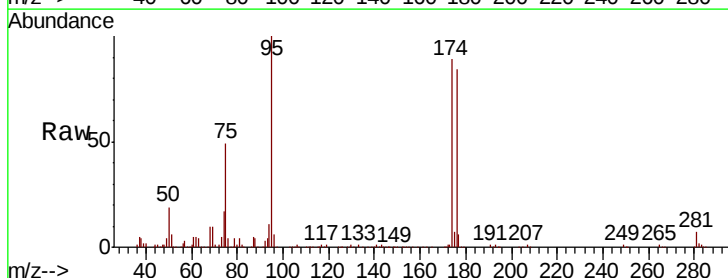
Instrument :
 MSVOA_D
 ClientSampleId :

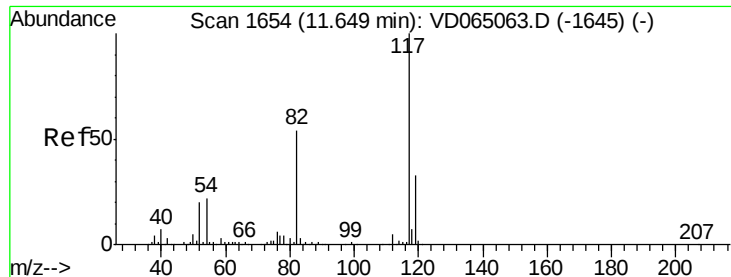
Tot Ion: 63 Resp: 54
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.3 34.9#



#62
 4-Bromofluorobenzene
 Concen: 67.257 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: VD065158.D
 Acq: 12 Feb 2020 10:53

Tgt Ion: 95 Resp: 390815
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 180.0
 176 85.2 0.0 173.2

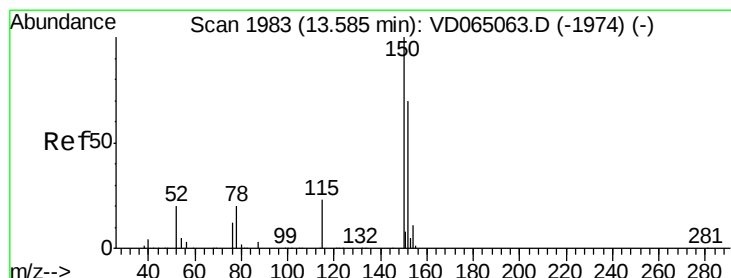
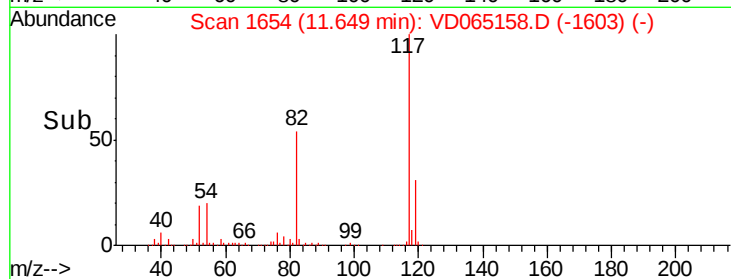
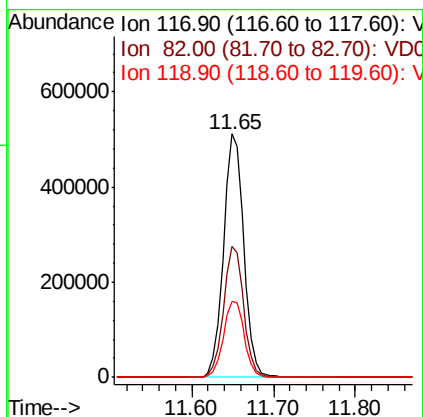
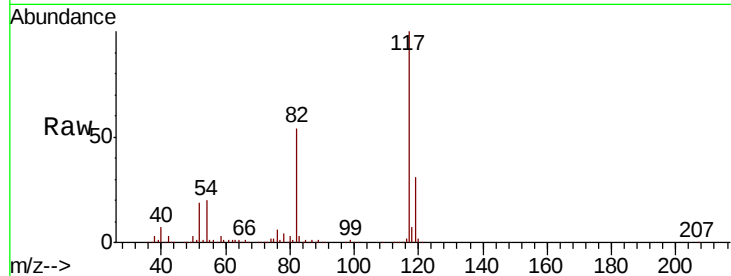




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065158.D
Acq: 12 Feb 2020 10:53

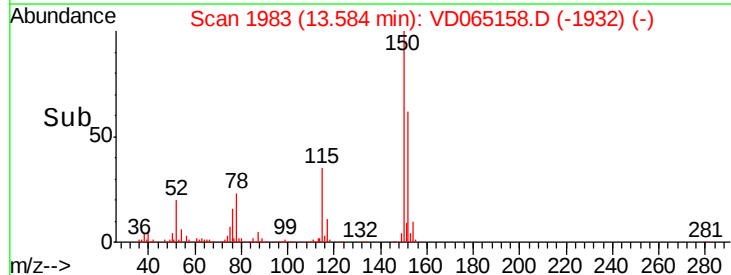
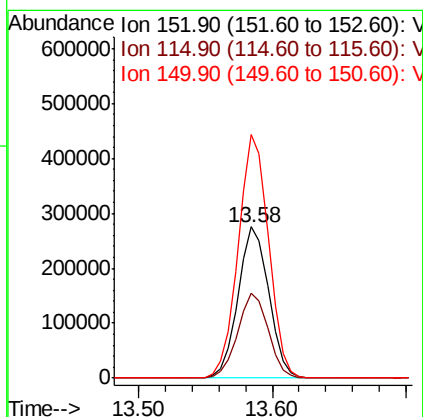
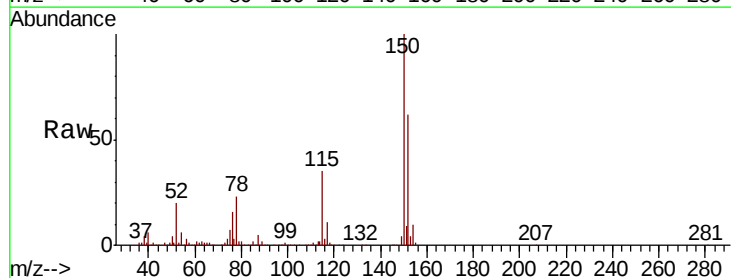
Instrument :
MSVOA_D
ClientSampleId :

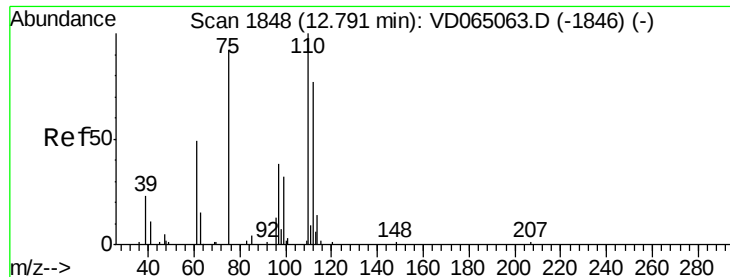
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.1	64.7
119	31.1	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065158.D
Acq: 12 Feb 2020 10:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.5	82.4
150	159.0	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 59.029 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065158.D

Acq: 12 Feb 2020 10:53

Instrument :

MSVOA_D

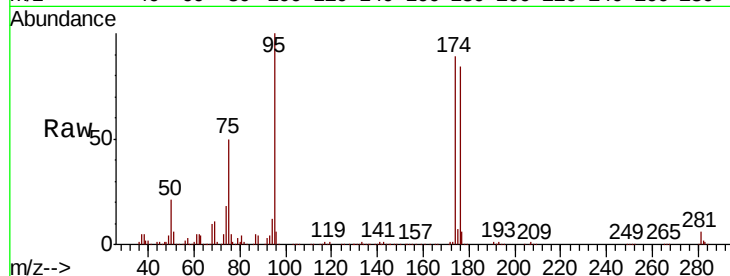
ClientSampled :

Tot Ion: 75 Resp: 195533

Ion Ratio Lower Upper

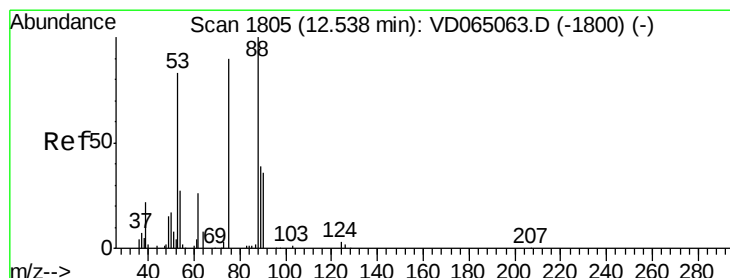
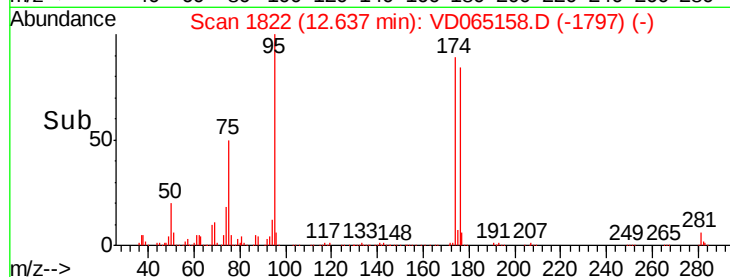
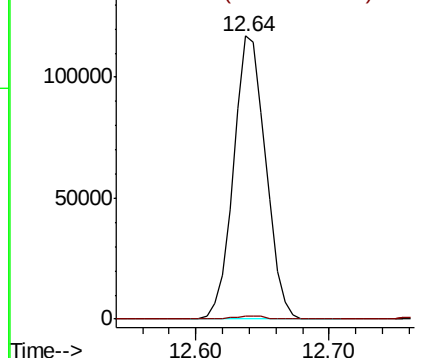
75 100

77 1.1 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: 118.053 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065158.D

Acq: 12 Feb 2020 10:53

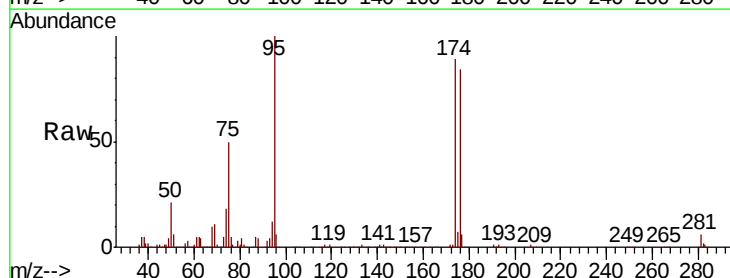
Tgt Ion: 75 Resp: 195533

Ion Ratio Lower Upper

75 100

53 0.1 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

