

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064053.D
 Acq On : 24 Oct 2019 18:42
 Operator : VA/SY
 Sample : K5497-10-RE
 Misc : 4.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

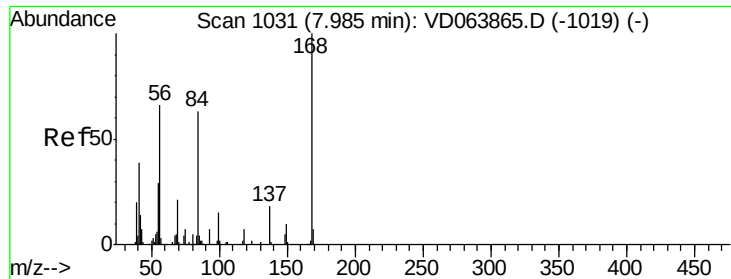
Quant Time: Oct 25 03:59:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	8400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	13725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	14181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	6322	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	7453	91.13	ug/l	0.00
Spiked Amount			Recovery	=	182.26%	
35) Dibromofluoromethane	7.91	113	5240	62.47	ug/l	0.00
Spiked Amount			Recovery	=	124.94%	
50) Toluene-d8	10.34	98	16463	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.64	95	5358	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	121	Below Cal	#	2
8) Diethyl Ether	3.86	74	66	1.615	ug/l	88
11) Tert butyl alcohol	5.25	59	133	15.899	ug/l #	71
12) 1,1-Dichloroethene	3.85	96	119	1.690	ug/l #	1
13) Acrolein	3.91	56	87	11.911	ug/l	95
15) Acrylonitrile	5.44	53	60	3.331	ug/l #	17
16) Acetone	4.16	43	63	2.959	ug/l #	42
18) Methyl Acetate	4.75	43	119	2.858	ug/l #	49
20) Methylene Chloride	4.95	84	147	Below Cal	#	47
25) 2-Butanone	7.24	43	60	2.378	ug/l #	51
28) Bromochloromethane	7.56	49	56	2.827	ug/l #	10
29) Tetrahydrofuran	7.59	42	139	9.438	ug/l #	31
31) Cyclohexane	7.99	56	84	Below Cal	#	76
36) 1,1-Dichloropropene	8.00	75	652	5.196	ug/l #	41
37) Ethyl Acetate	7.33	43	65	Below Cal	#	1
38) Carbon Tetrachloride	8.01	117	128	1.009	ug/l #	15
41) Methacrylonitrile	7.54	41	90	3.093	ug/l #	71
43) Isopropyl Acetate	8.48	43	109	1.036	ug/l #	49
45) 1,2-Dichloropropane	9.28	63	162	1.840	ug/l #	52
46) Dibromomethane	9.54	93	60	1.197	ug/l #	3
48) Methyl methacrylate	9.47	41	277	5.493	ug/l #	34
49) 1,4-Dioxane	9.34	88	59	86.223	ug/l #	24
51) 4-Methyl-2-Pentanone	10.28	43	145	2.657	ug/l	91
55) 1,1,2-Trichloroethane	10.64	97	88	1.243	ug/l #	33
56) Ethyl methacrylate	10.74	69	123	1.372	ug/l #	1
59) 2-Hexanone	10.87	43	95	2.406	ug/l	69
75) 1,1,2,2-Tetrachloroethane	12.61	83	75	1.014	ug/l #	26
76) 1,2,3-Trichloropropane	12.79	75	354	8.360	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	3372	140.923	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.57	75	71	3.914	ug/l #	1

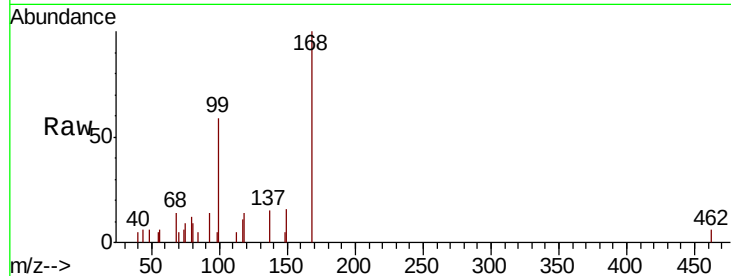
(#) = qualifier out of range (m) = manual integration (+) = signals summed



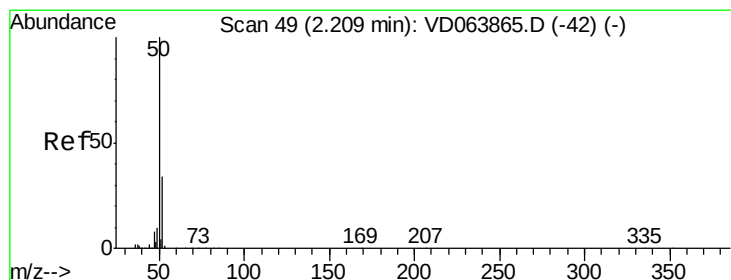
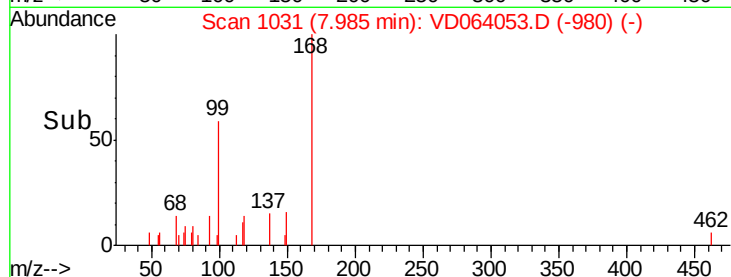
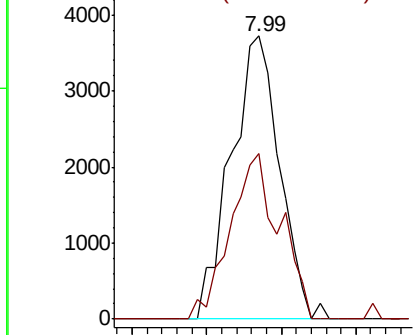
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 8400
Ion Ratio Lower Upper
168 100
99 58.7 43.0 64.4

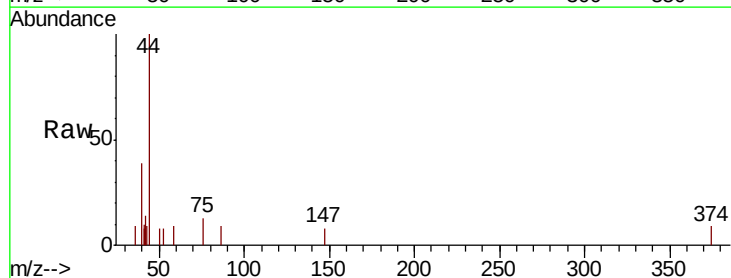


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

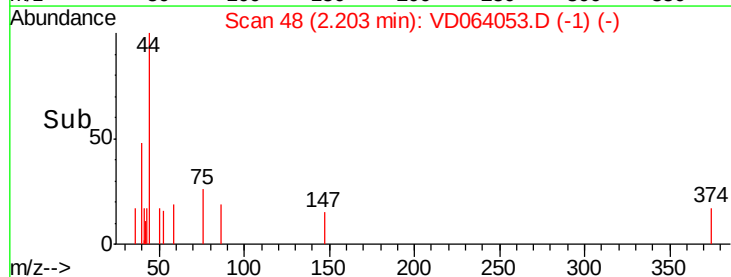
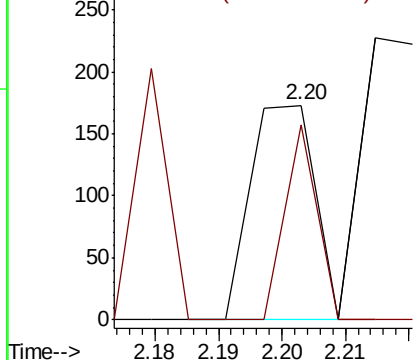


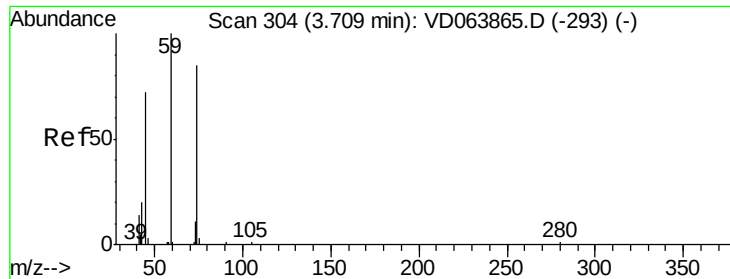
#3
Chloromethane
Concen: Below Cal
RT: 2.20 min Scan# 48
Delta R.T. -0.01 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Tgt Ion: 50 Resp: 121
Ion Ratio Lower Upper
50 100
52 90.8 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VDC
Ion 51.90 (51.60 to 52.60): VDC





#8

Diethyl Ether

Concen: 1.615 ug/l

RT: 3.86 min Scan# 329

Delta R.T. 0.15 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Instrument :

MSVOA_D

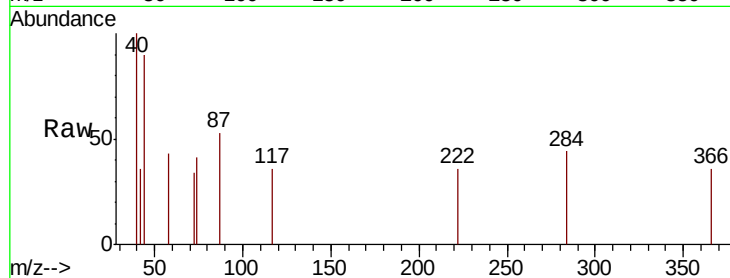
ClientSampled :

Tot Ion: 74 Resp: 66

Ion Ratio Lower Upper

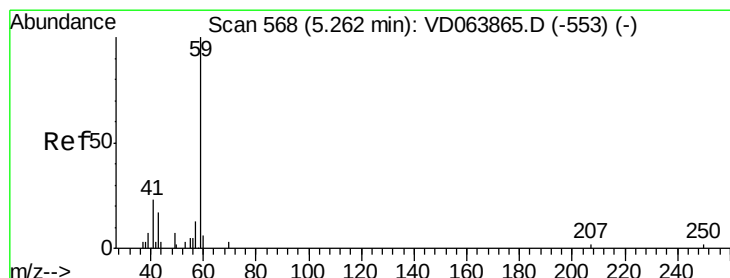
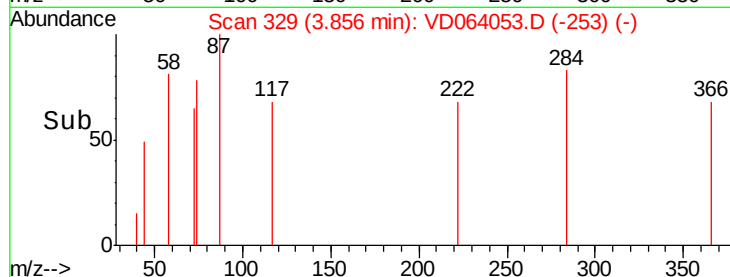
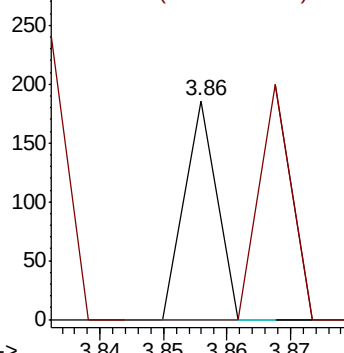
74 100

45 107.6 48.1 144.4



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC



#11

Tert butyl alcohol

Concen: 15.899 ug/l

RT: 5.25 min Scan# 566

Delta R.T. -0.01 min

Lab File: VD064053.D

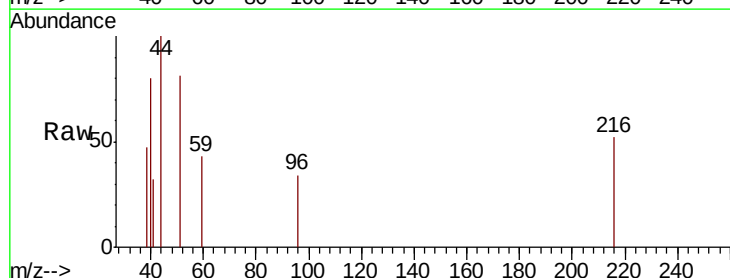
Acq: 24 Oct 2019 18:42

Tgt Ion: 59 Resp: 133

Ion Ratio Lower Upper

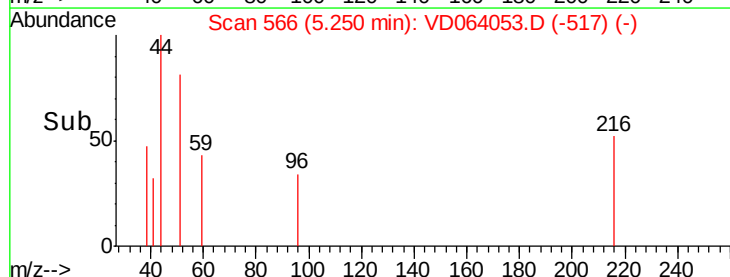
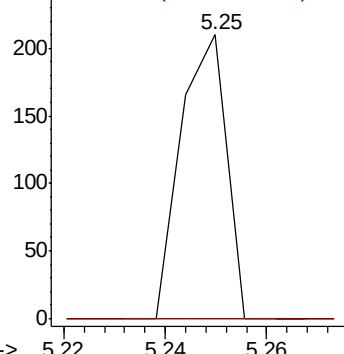
59 100

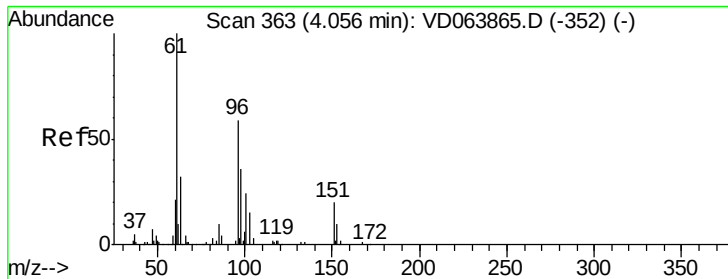
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

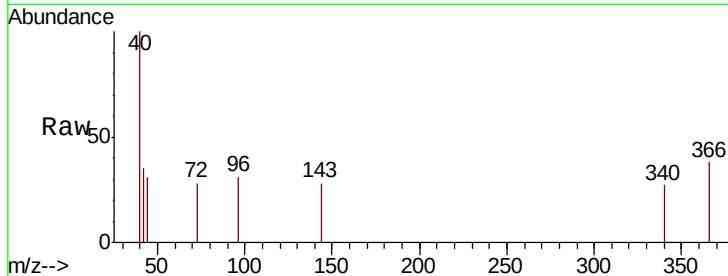




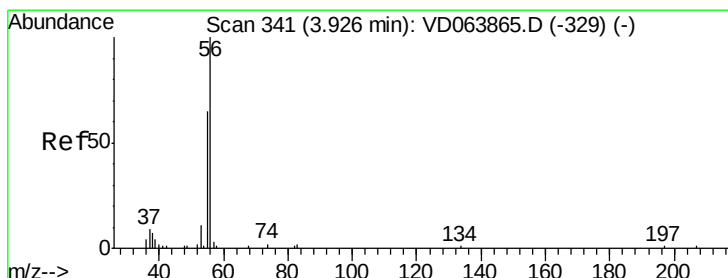
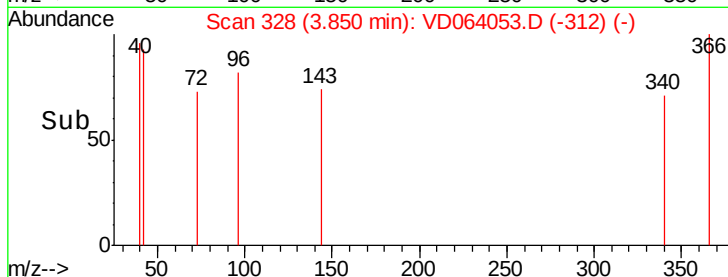
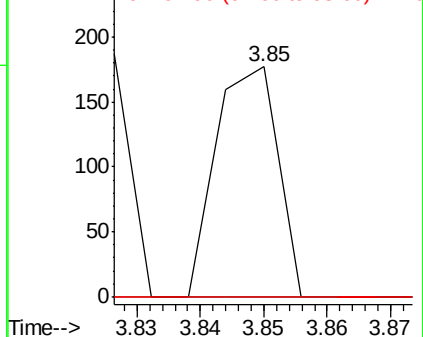
#12
 1,1-Dichloroethene
 Concen: 1.690 ug/l
 RT: 3.85 min Scan# 328
 Delta R.T. -0.21 min
 Lab File: VD064053.D
 Acq: 24 Oct 2019 18:42

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	135.6	203.4#
98	0.0	49.2	73.8#

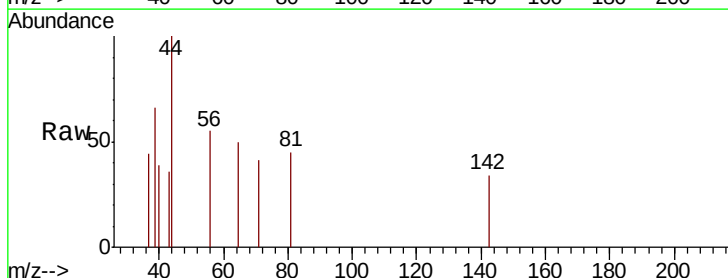


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC

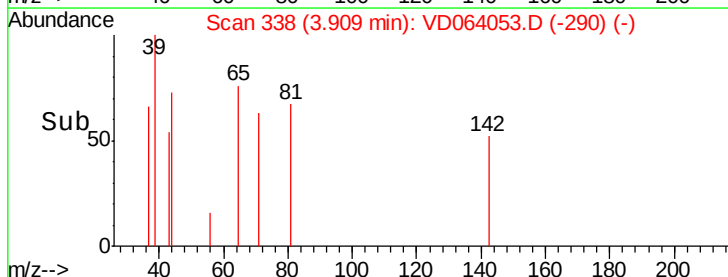
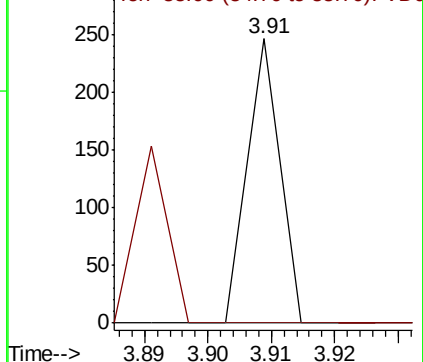


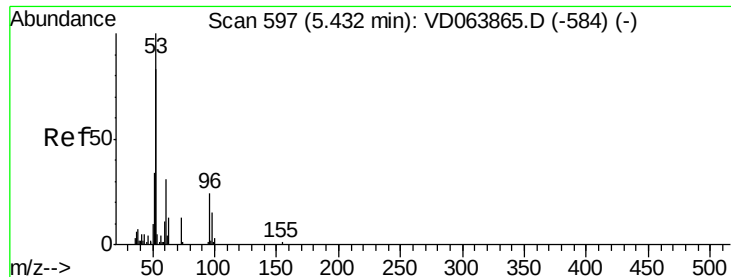
#13
 Acrolein
 Concen: 11.911 ug/l
 RT: 3.91 min Scan# 338
 Delta R.T. -0.02 min
 Lab File: VD064053.D
 Acq: 24 Oct 2019 18:42

Tgt Ion	Ratio	Lower	Upper
56	100		
55	62.1	53.0	79.6



Abundance Ion 56.00 (55.70 to 56.70): VDC
 Ion 55.00 (54.70 to 55.70): VDC





#15

Acrylonitrile

Concen: 3.331 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

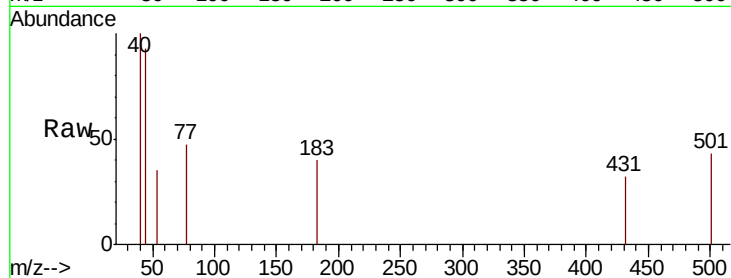
Tot Ion: 53 Resp: 60

Ion Ratio Lower Upper

53 100

52 0.0 67.3 100.9#

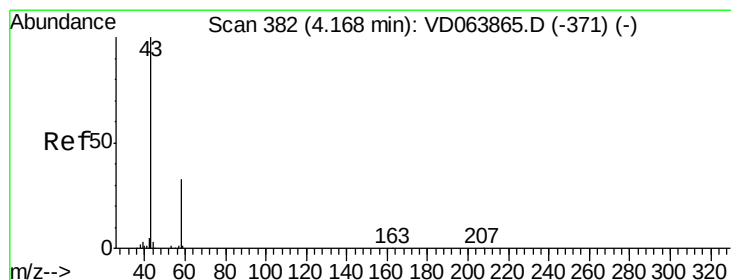
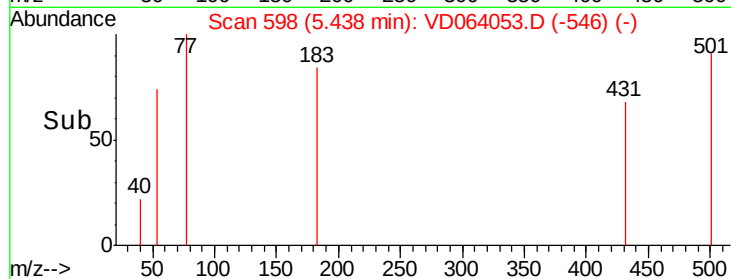
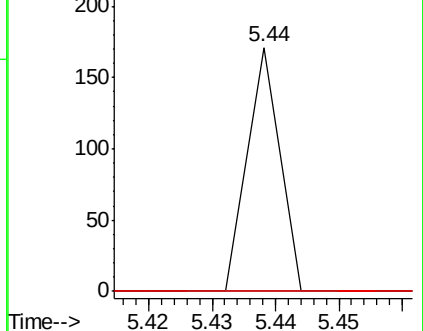
51 0.0 30.5 45.7#



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 2.959 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD064053.D

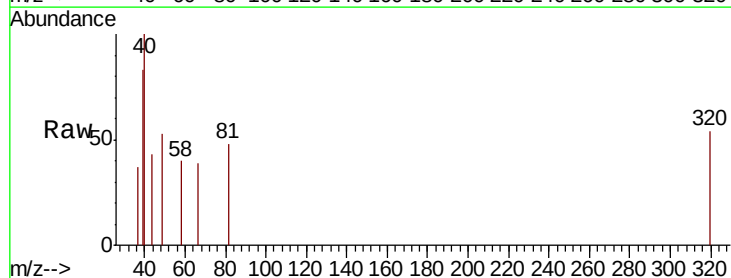
Acq: 24 Oct 2019 18:42

Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

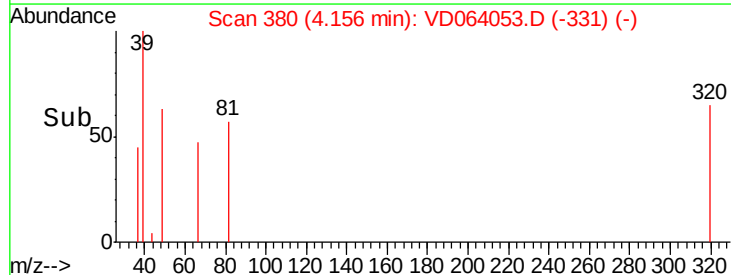
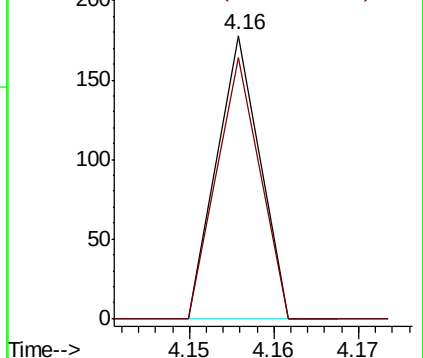
43 100

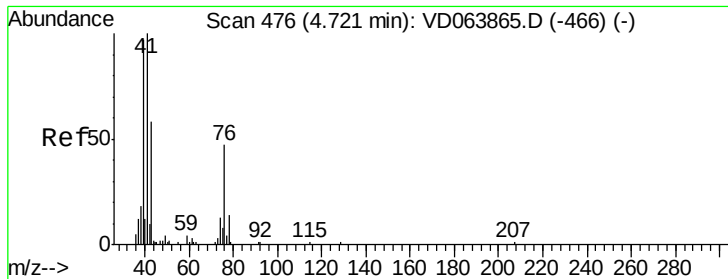
58 0.0 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

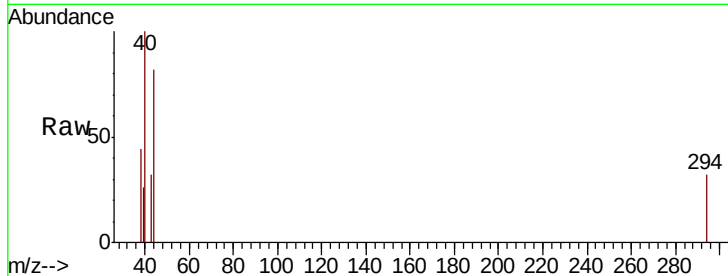




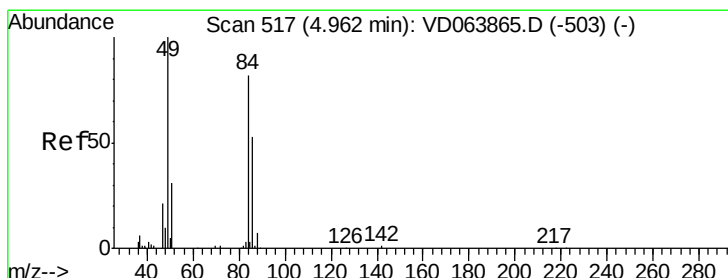
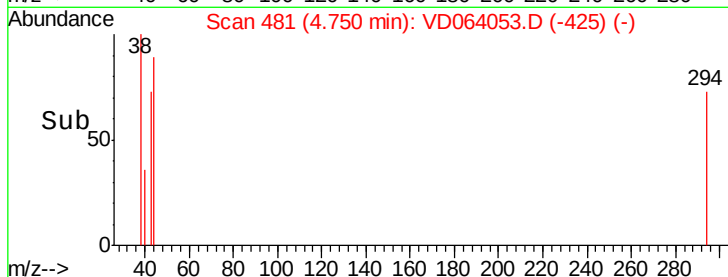
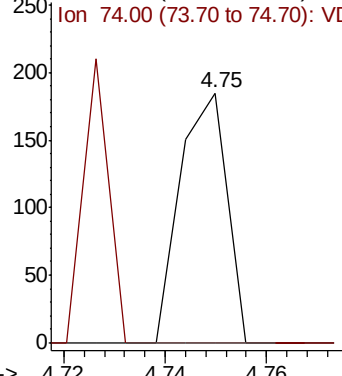
#18
Methyl Acetate
Concen: 2.858 ug/l
RT: 4.75 min Scan# 481
Delta R.T. 0.03 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#

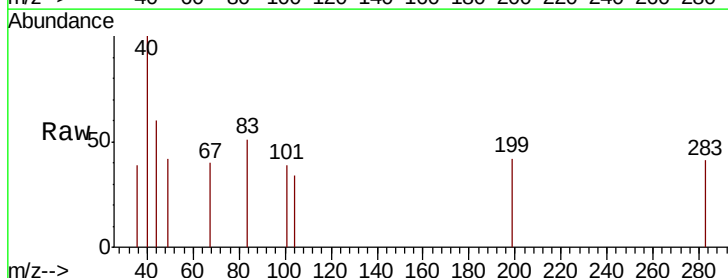


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

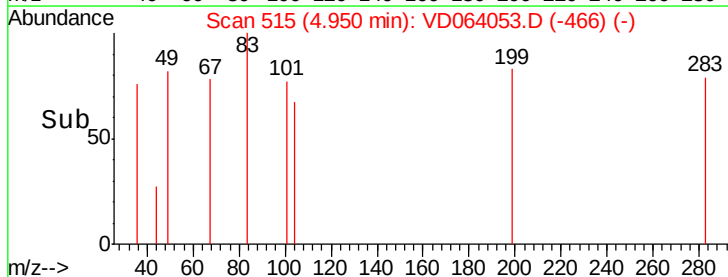
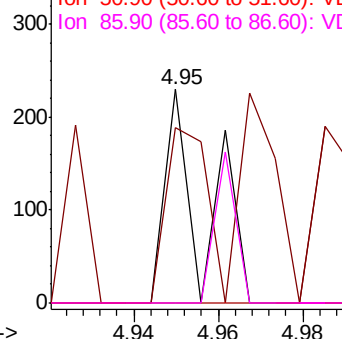


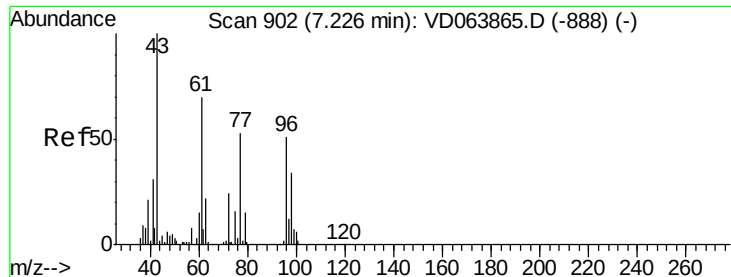
#20
Methylene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Tgt Ion: 84 Resp: 147
Ion Ratio Lower Upper
84 100
49 82.2 97.3 145.9#
51 0.0 30.1 45.1#
86 0.0 51.4 77.2#



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

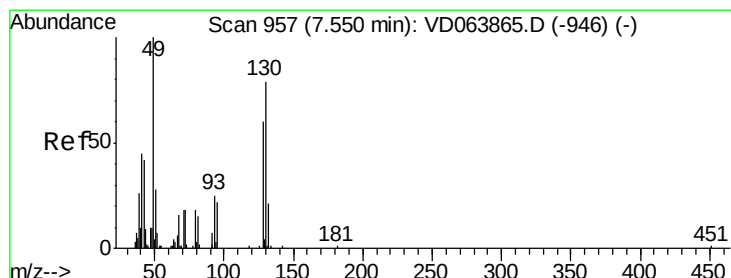
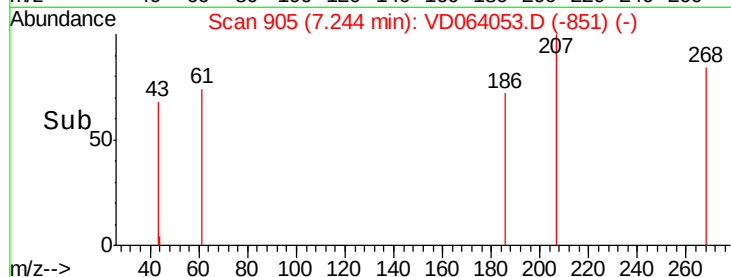
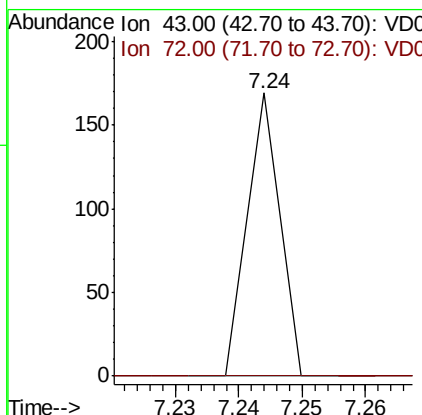
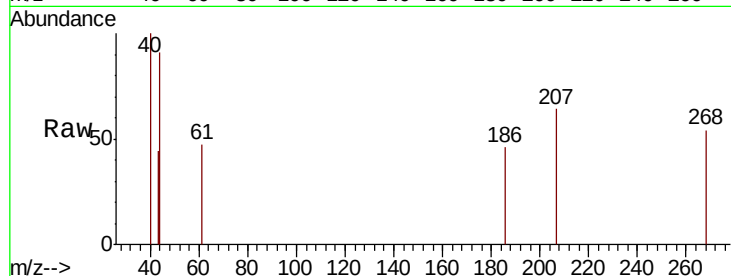




#25
2-Butanone
Concen: 2.378 ug/l
RT: 7.24 min Scan# 905
Delta R.T. 0.02 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

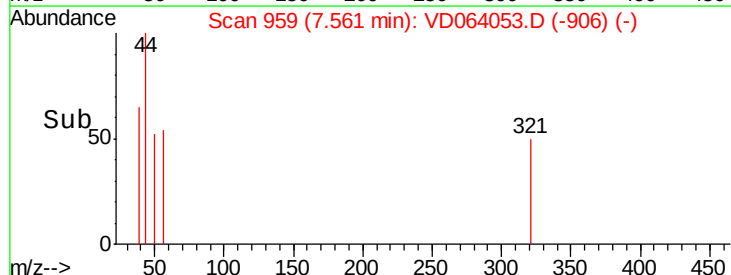
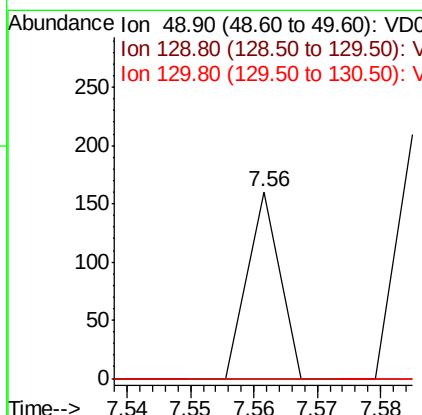
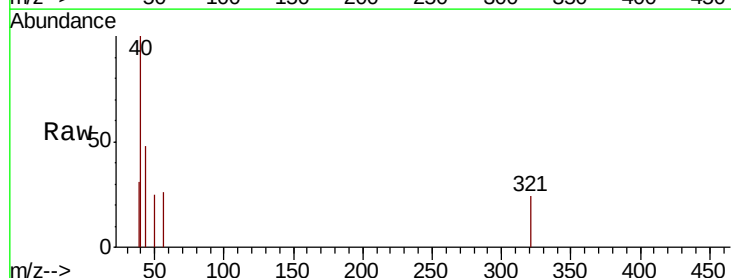
Instrument :
MSVOA_D
ClientSampled :

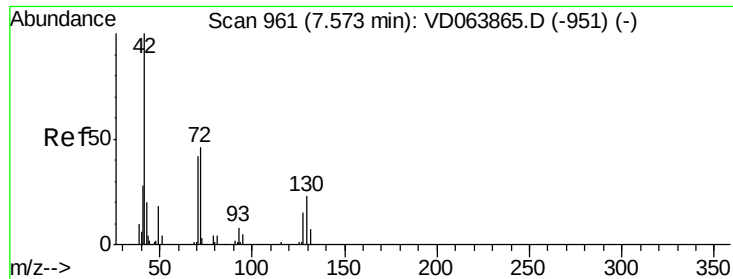
Tot Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#



#28
Bromochloromethane
Concen: 2.827 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Tgt Ion: 49 Resp: 56
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.6
130 0.0 66.8 100.2#

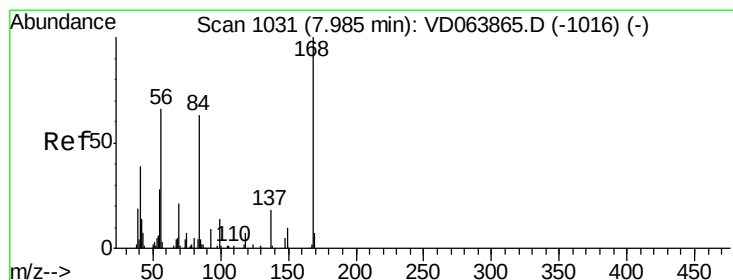
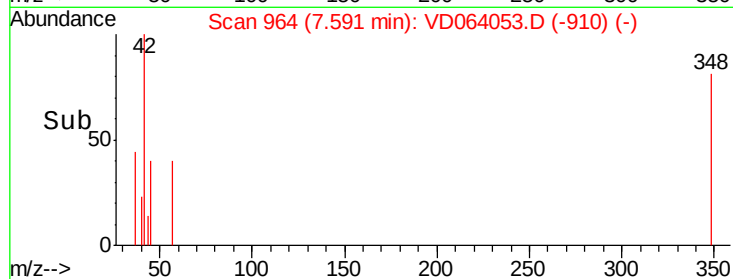
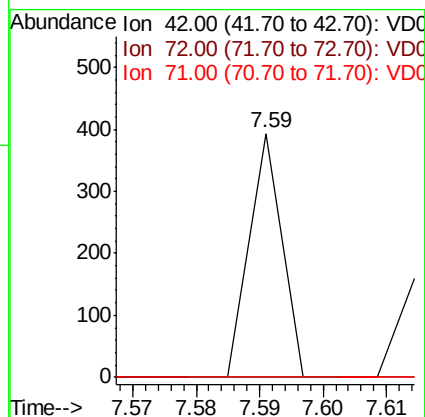
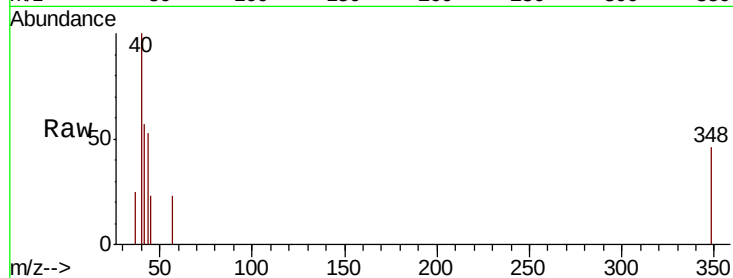




#29
Tetrahydrofuran
Concen: 9.438 ug/l
RT: 7.59 min Scan# 964
Delta R.T. 0.02 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

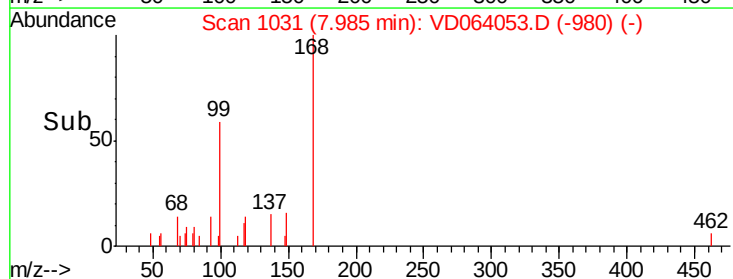
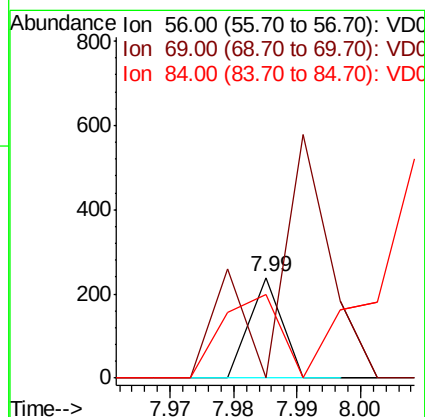
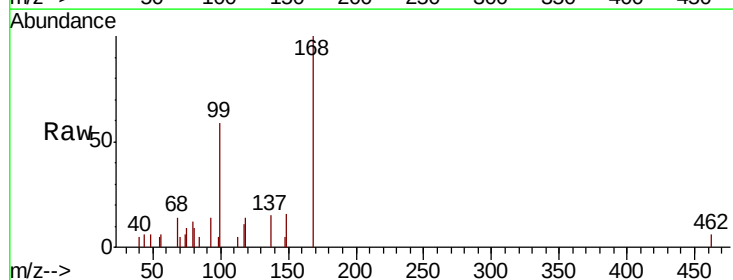
Instrument :
MSVOA_D
ClientSampled :

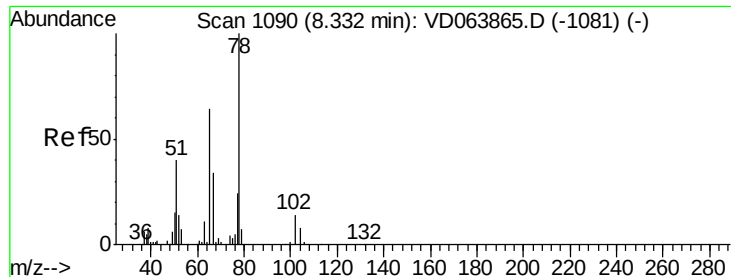
Tot Ion: 42 Resp: 139
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 0.0 35.0 52.6#



#31
Cyclohexane
Concen: Below Cal
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
69 0.0 25.0 37.4#
84 82.8 76.3 114.5





#33

1,2-Dichloroethane-d4

Concen: 91.134 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Instrument :

MSVOA_D

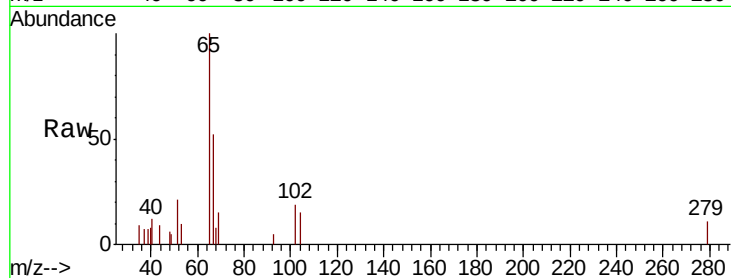
ClientSampleId :

Tot Ion: 65 Resp: 7453

Ion Ratio Lower Upper

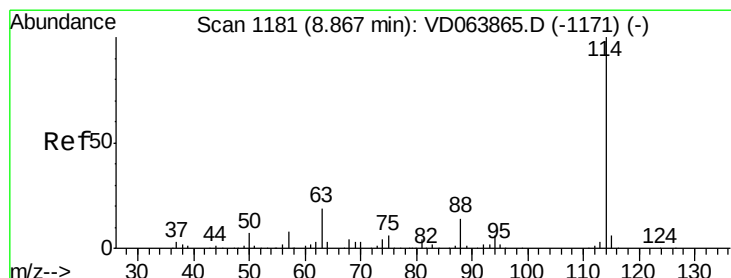
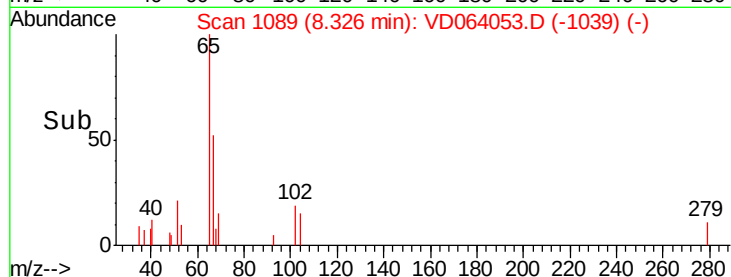
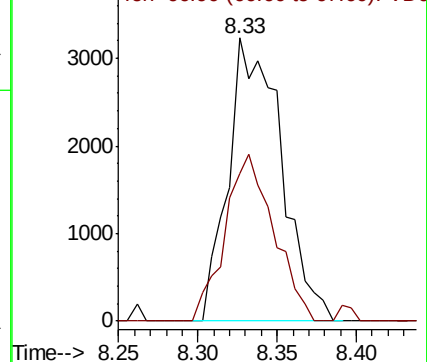
65 100

67 54.6 0.0 106.4



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: VD064053.D

Acq: 24 Oct 2019 18:42

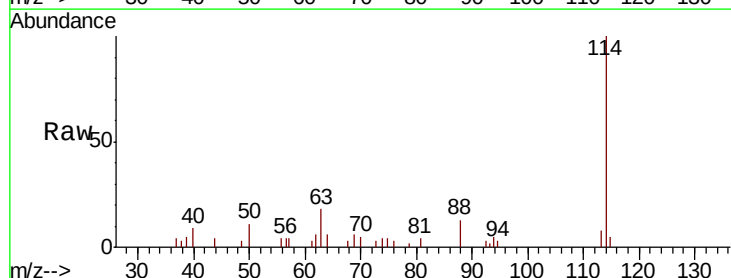
Tgt Ion: 114 Resp: 13725

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

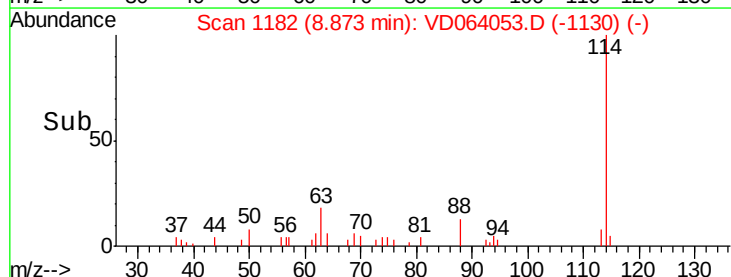
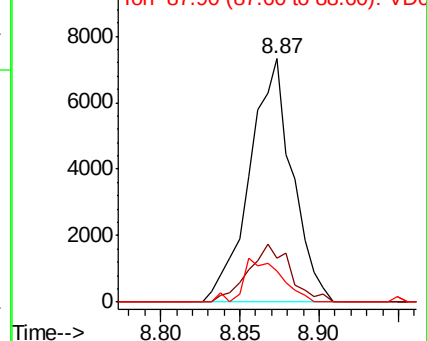
88 12.6 0.0 27.4

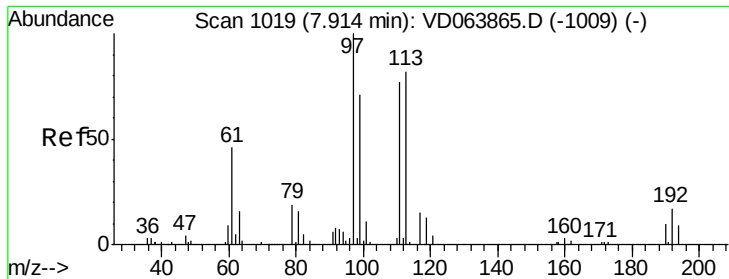


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

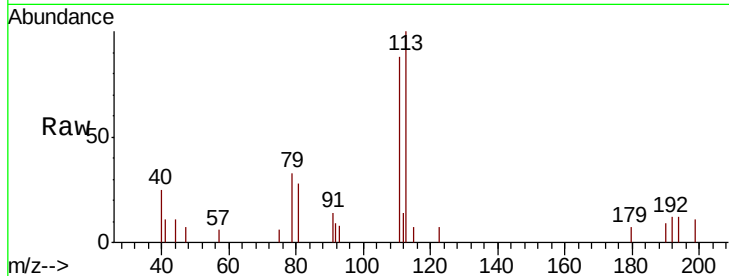




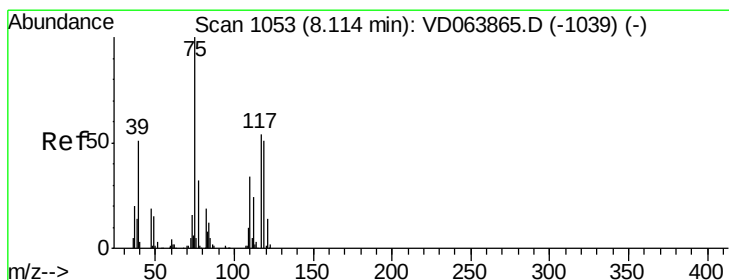
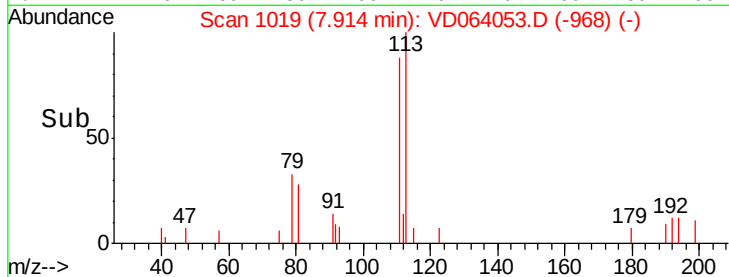
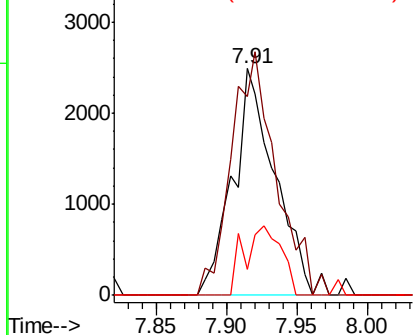
#35
 Dibromofluoromethane
 Concen: 62.472 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD064053.D
 Acq: 24 Oct 2019 18:42

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 5240
 Ion Ratio Lower Upper
 113 100
 111 113.2 82.6 123.8
 192 26.7 17.1 25.7#

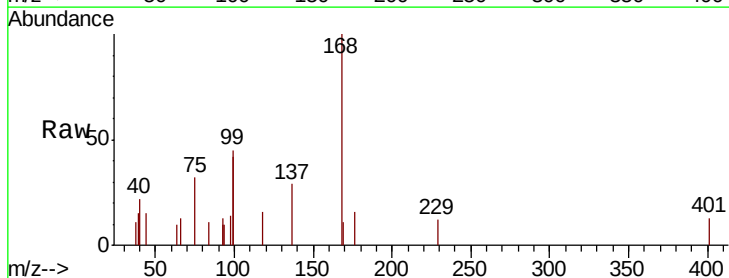


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

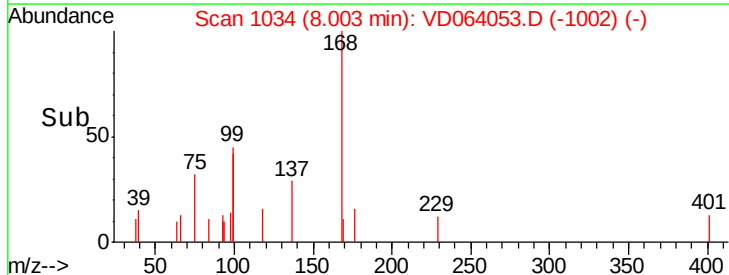
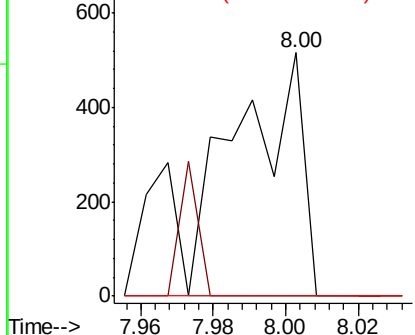


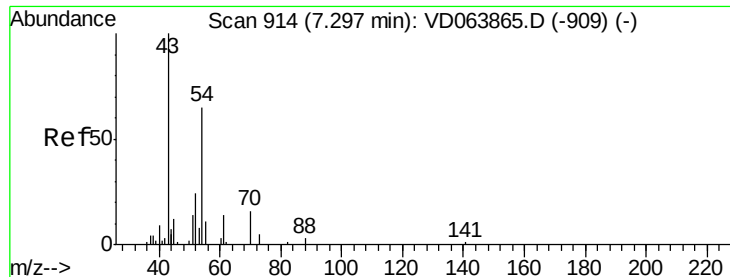
#36
 1,1-Dichloropropene
 Concen: 5.196 ug/l
 RT: 8.00 min Scan# 1034
 Delta R.T. -0.11 min
 Lab File: VD064053.D
 Acq: 24 Oct 2019 18:42

Tgt Ion: 75 Resp: 652
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 25.4 38.0#



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

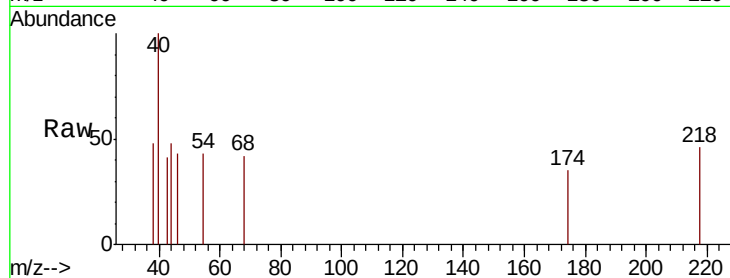




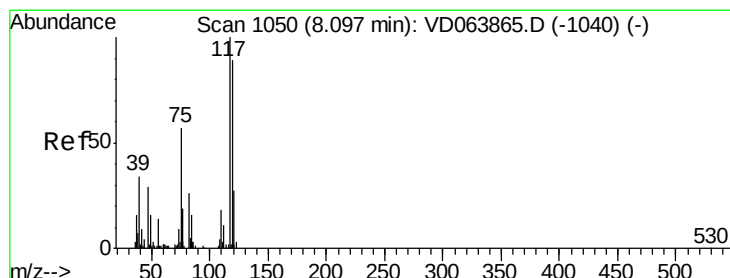
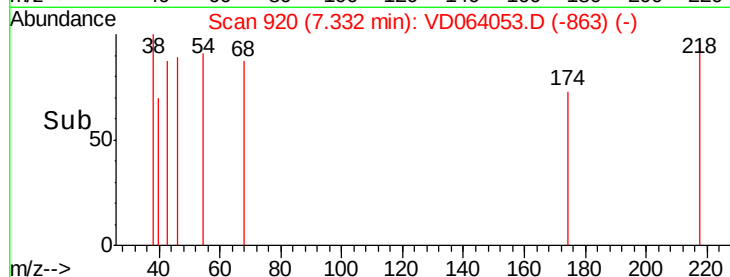
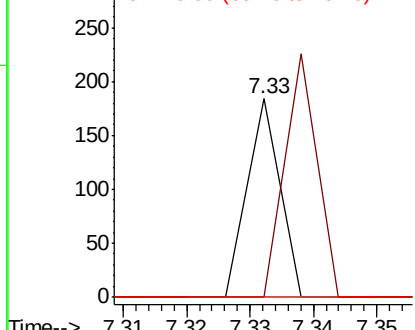
#37
Ethyl Acetate
Concen: Below Cal
RT: 7.33 min Scan# 920
Delta R.T. 0.04 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
61 123.1 11.5 17.3#
70 0.0 8.2 12.4#

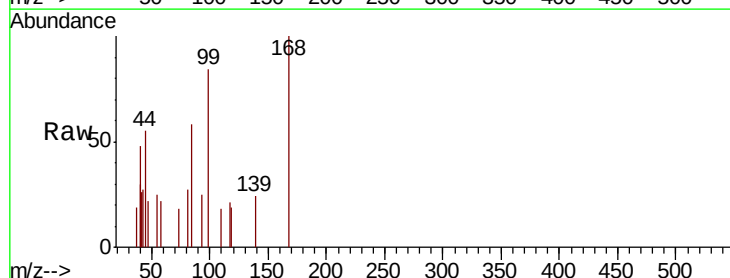


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

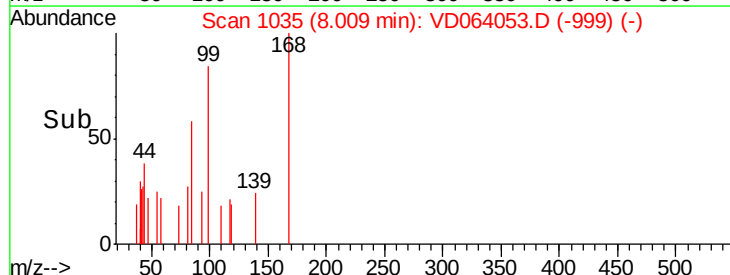
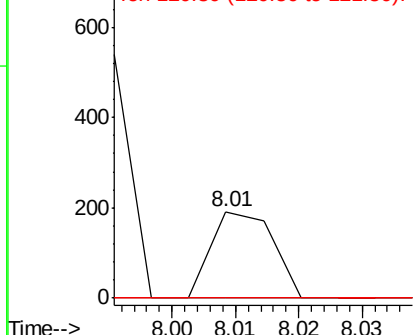


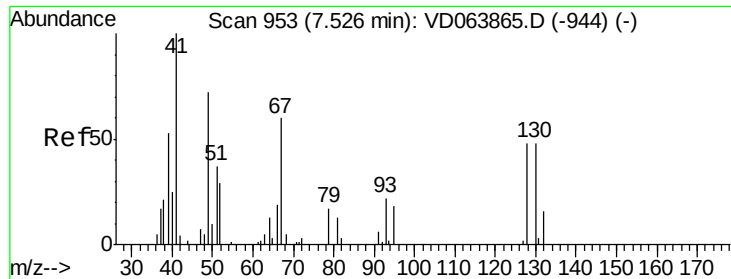
#38
Carbon Tetrachloride
Concen: 1.009 ug/l
RT: 8.01 min Scan# 1035
Delta R.T. -0.09 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Tgt Ion: 117 Resp: 128
Ion Ratio Lower Upper
117 100
119 0.0 70.8 106.2#
121 0.0 21.4 32.0#



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





#41

Methacrylonitrile

Concen: 3.093 ug/l

RT: 7.54 min Scan# 956

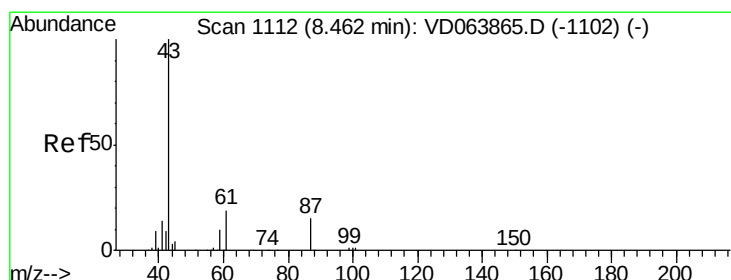
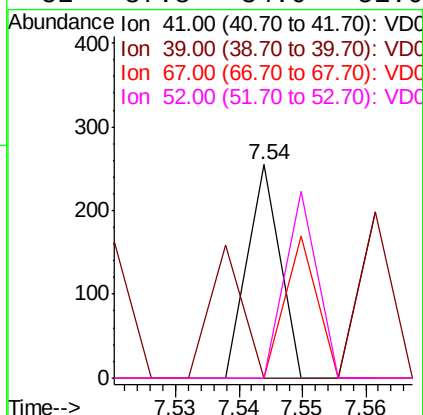
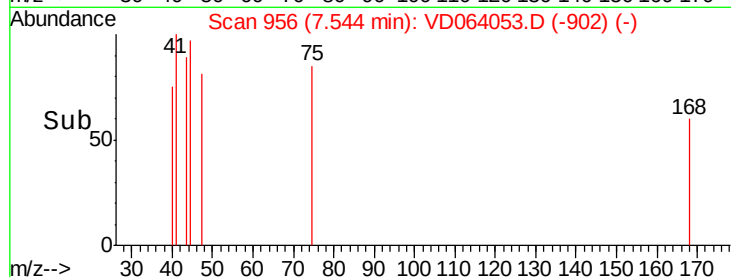
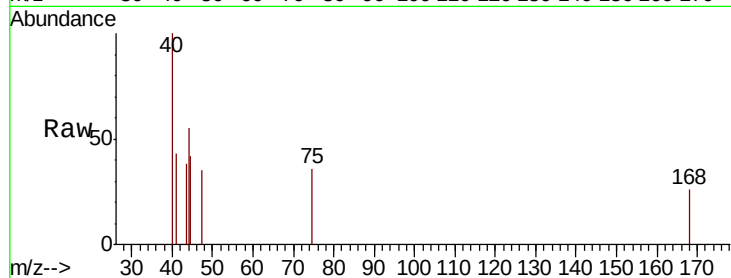
Delta R.T. 0.02 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	41	Resp:	90
Ion	Ratio	Lower	Upper
41	100		
39	62.2	52.6	78.8
67	66.7	74.2	111.2#
52	87.8	34.0	51.0#



#43

Isopropyl Acetate

Concen: 1.036 ug/l

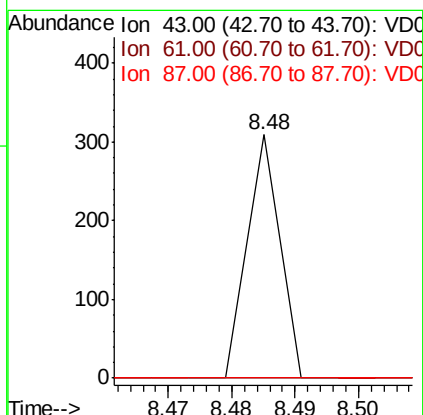
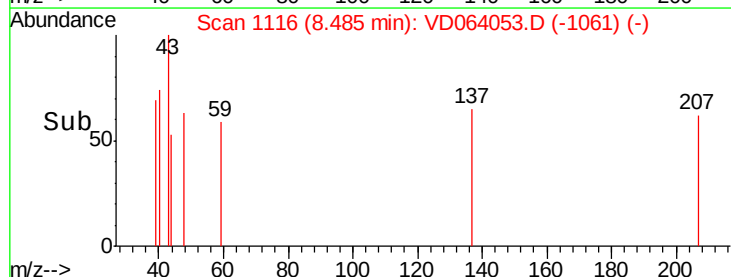
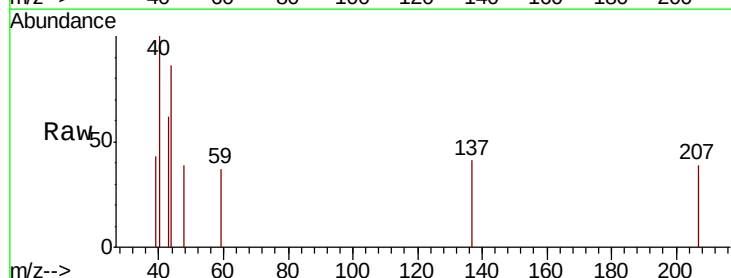
RT: 8.48 min Scan# 1116

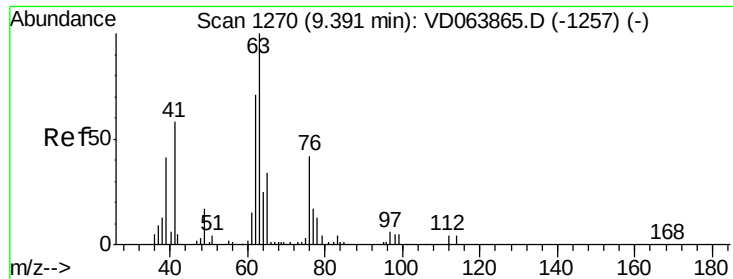
Delta R.T. 0.02 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Tgt Ion:	43	Resp:	109
Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.7	38.5#
87	0.0	11.6	17.4#





#45

1,2-Dichloropropane

Concen: 1.840 ug/l

RT: 9.28 min Scan# 1252

Delta R.T. -0.11 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Instrument :

MSVOA_D

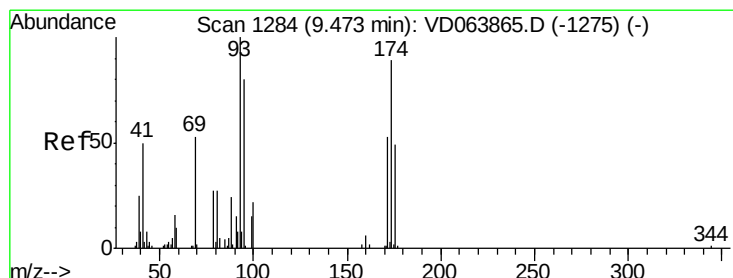
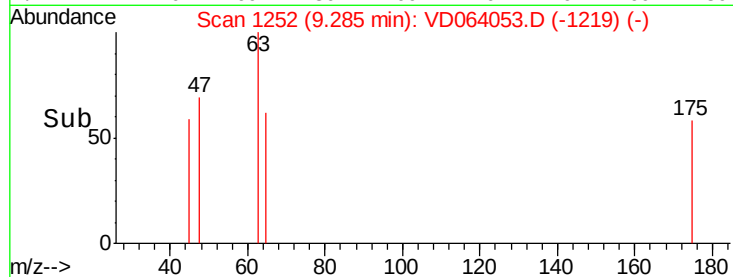
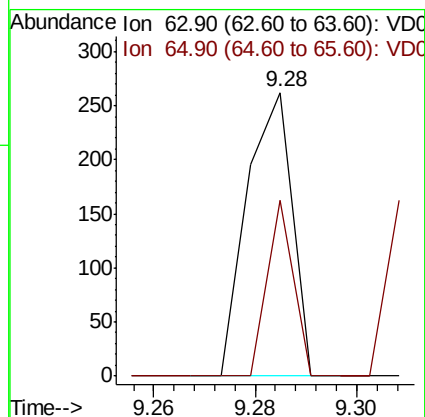
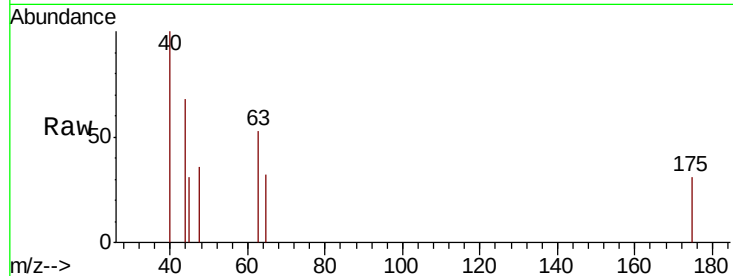
ClientSampleId :

Tot Ion: 63 Resp: 162

Ion Ratio Lower Upper

63 100

65 61.8 27.3 40.9#



#46

Dibromomethane

Concen: 1.197 ug/l

RT: 9.54 min Scan# 1295

Delta R.T. 0.06 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

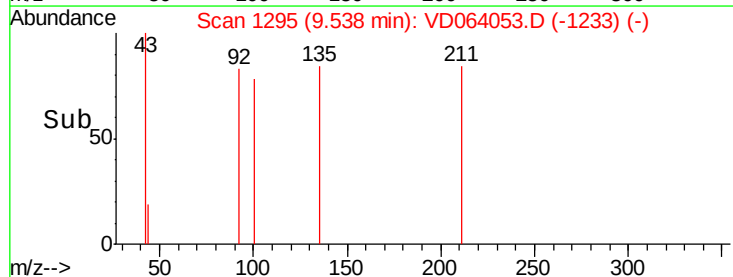
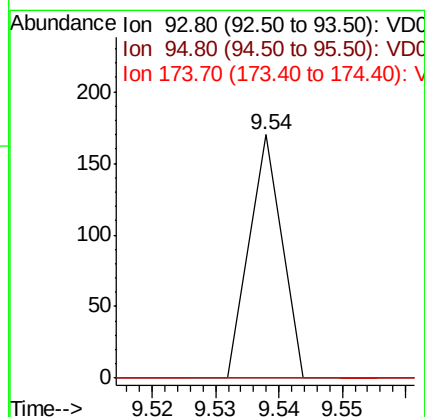
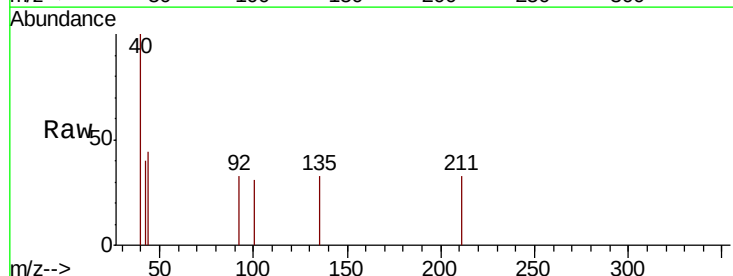
Tgt Ion: 93 Resp: 60

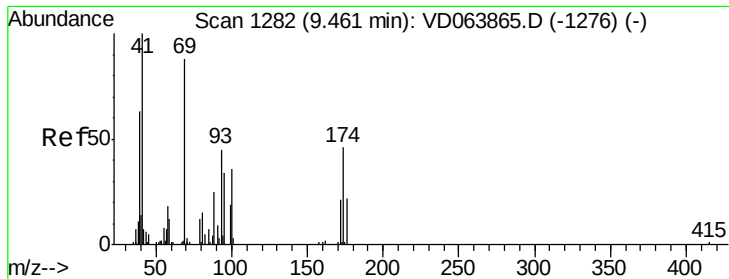
Ion Ratio Lower Upper

93 100

95 0.0 66.0 99.0#

174 0.0 83.4 125.0#

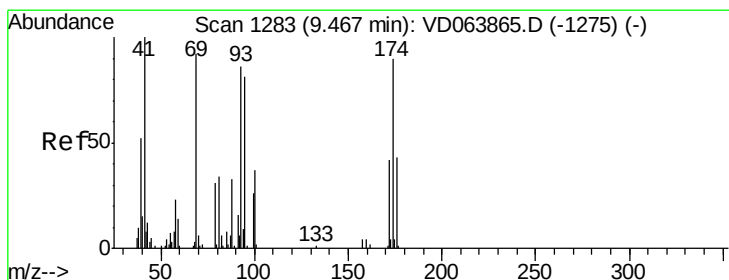
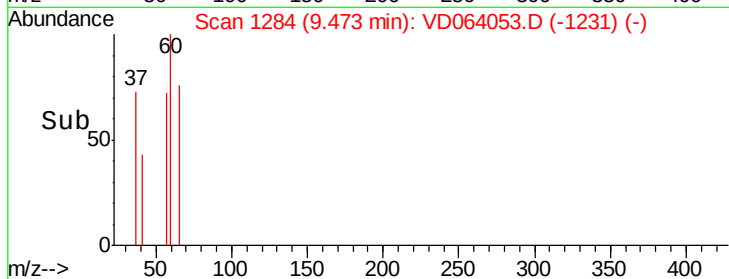
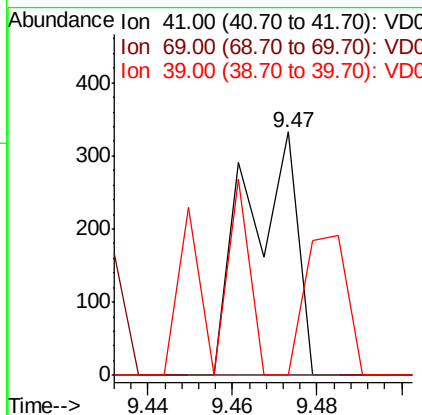
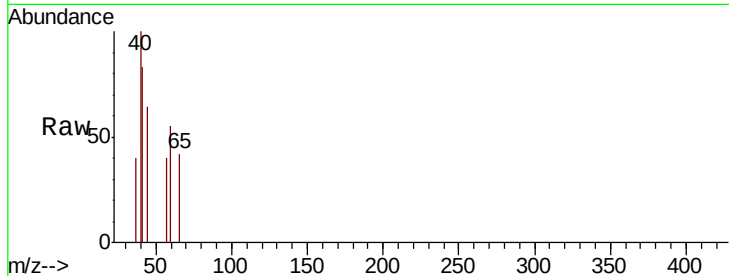




#48
Methvl methacrylate
Concen: 5.493 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

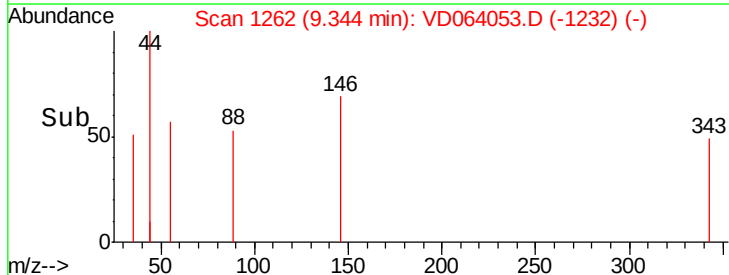
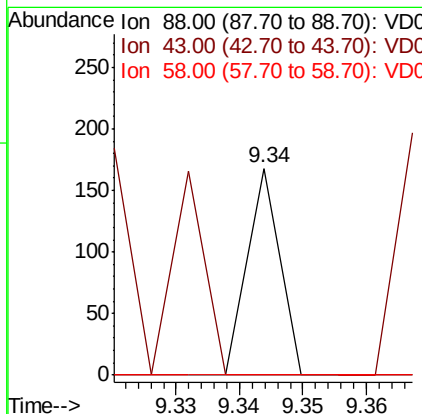
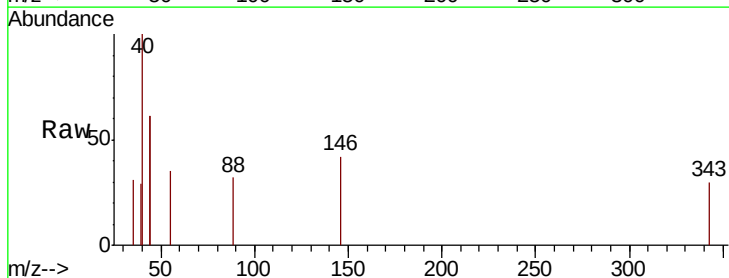
Instrument :
MSVOA_D
ClientSampleId :

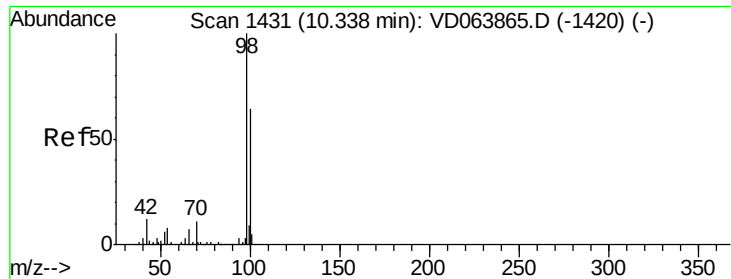
Tot Ion: 41 Resp: 277
Ion Ratio Lower Upper
41 100
69 0.0 75.1 112.7#
39 47.7 50.2 75.2#



#49
1,4-Dioxane
Concen: 86.223 ug/l
RT: 9.34 min Scan# 1262
Delta R.T. -0.12 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 27.6 41.4#
58 0.0 54.1 81.1#

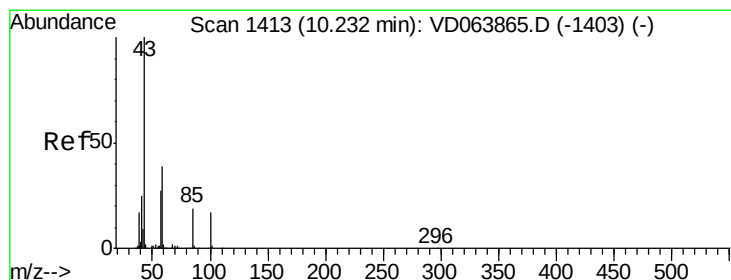
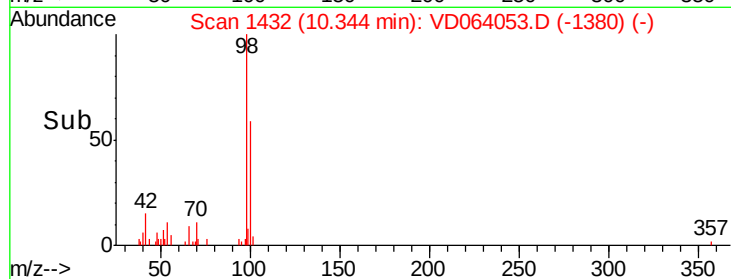
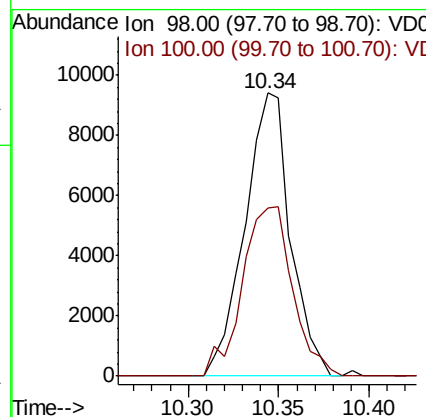
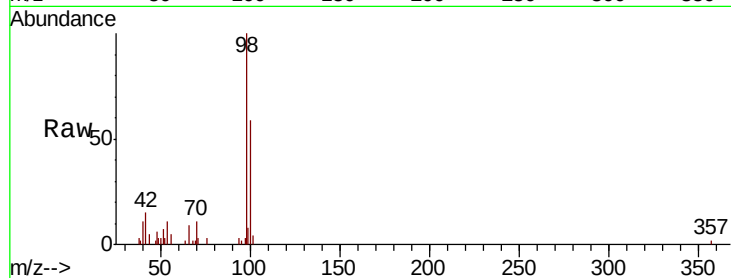




#50
Toluene-d8
Concen: 48.357 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

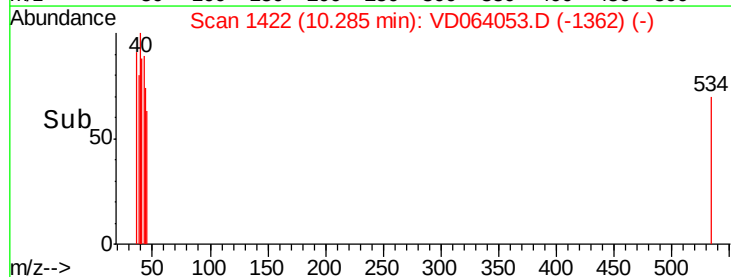
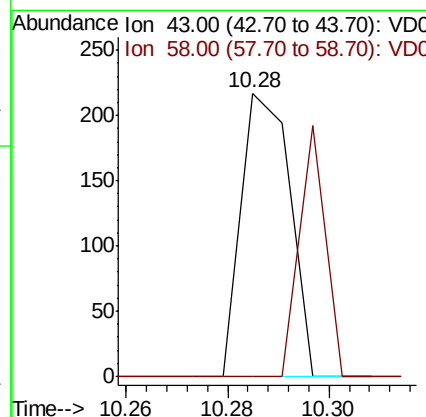
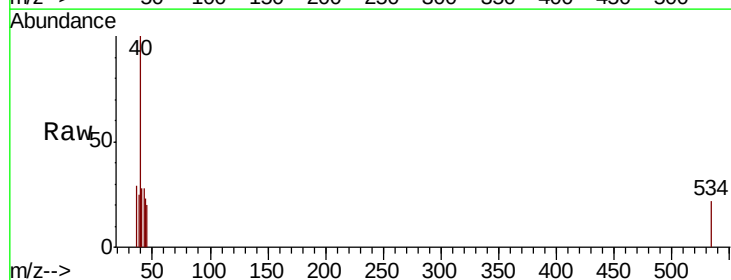
Instrument :
MSVOA_D
ClientSampled :

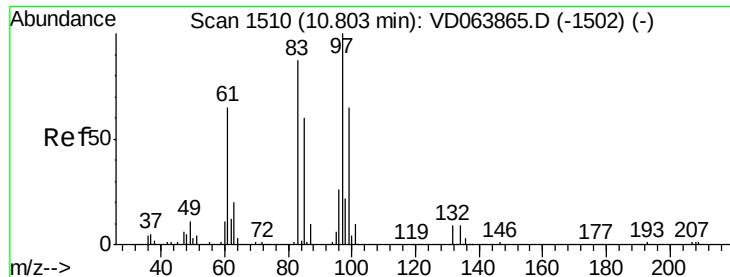
Tot Ion: 98 Resp: 16463
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 2.657 ug/l
RT: 10.28 min Scan# 1422
Delta R.T. 0.05 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
58 46.9 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 1.243 ug/l

RT: 10.64 min Scan# 1482

Delta R.T. -0.16 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 88

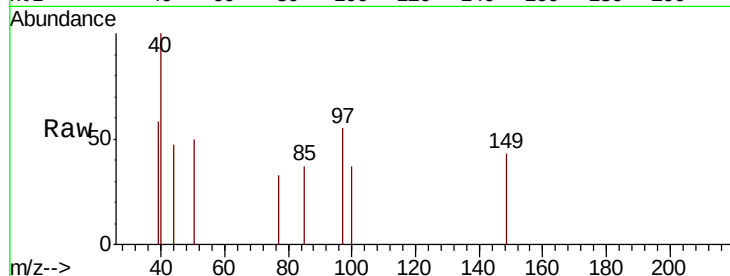
Ion Ratio Lower Upper

97 100

83 0.0 69.7 104.5#

85 68.4 48.1 72.1

99 0.0 51.9 77.9#

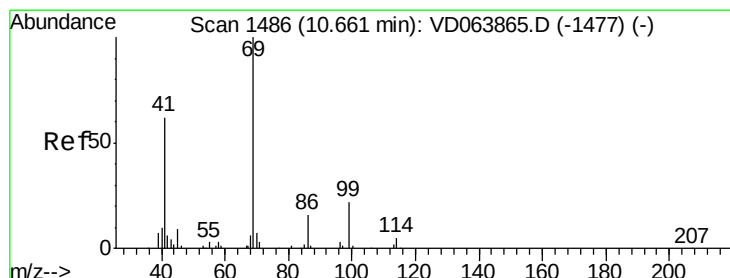
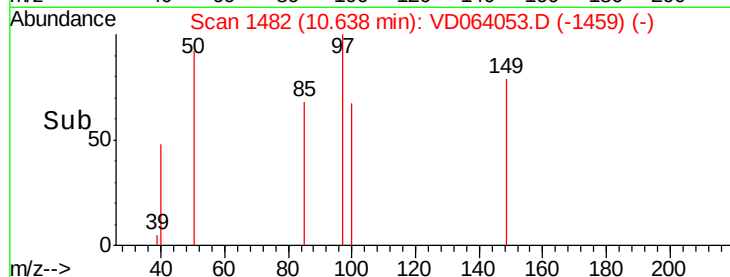
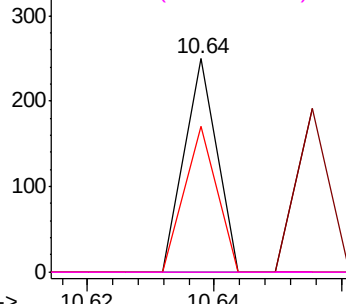


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 1.372 ug/l

RT: 10.74 min Scan# 1500

Delta R.T. 0.08 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

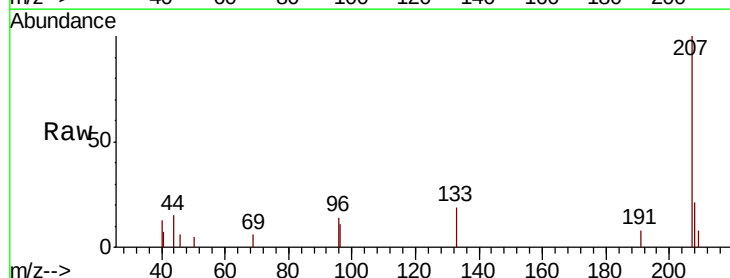
Tgt Ion: 69 Resp: 123

Ion Ratio Lower Upper

69 100

41 199.2 51.3 76.9#

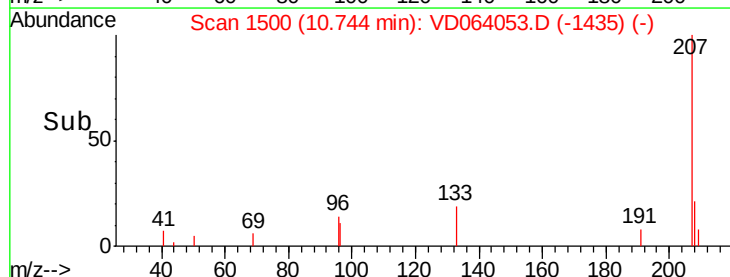
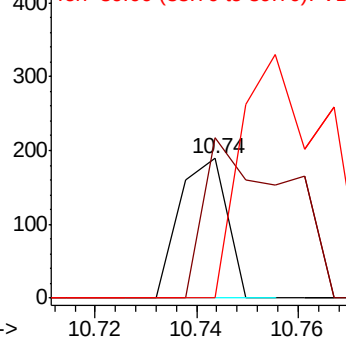
39 353.7 28.0 42.0#

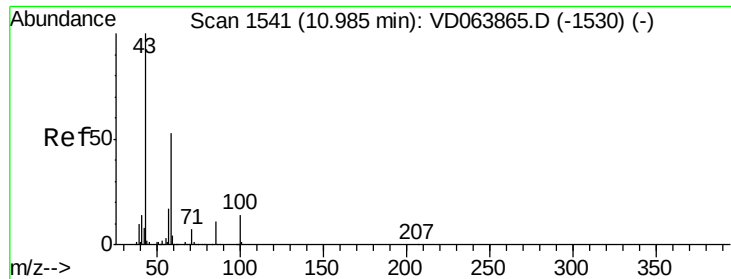


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

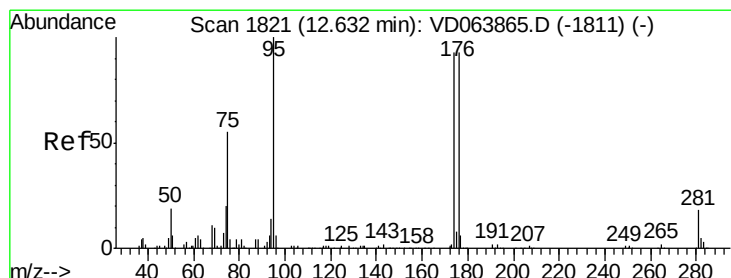
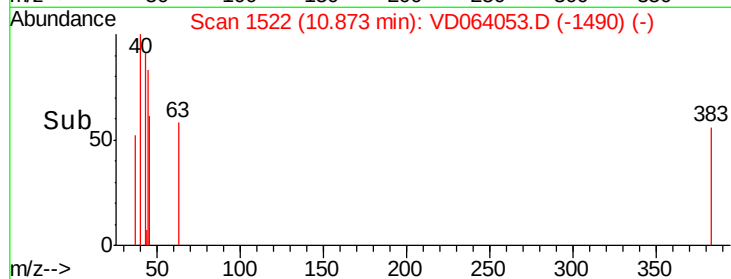
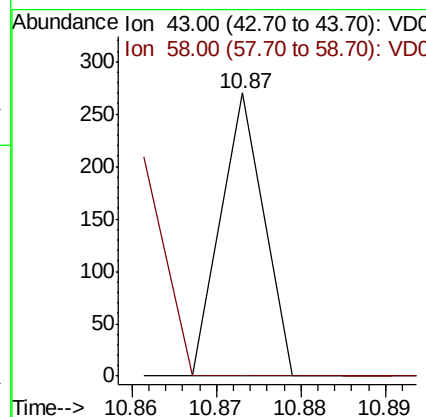
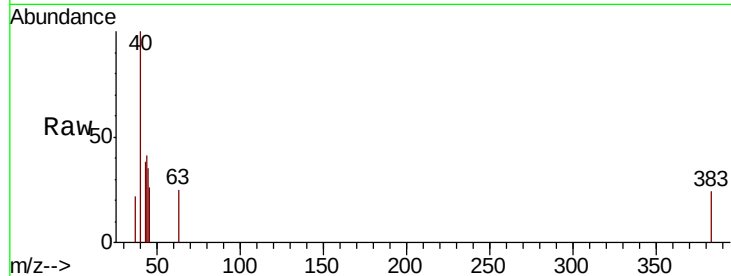




#59
2-Hexanone
Concen: 2.406 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.11 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

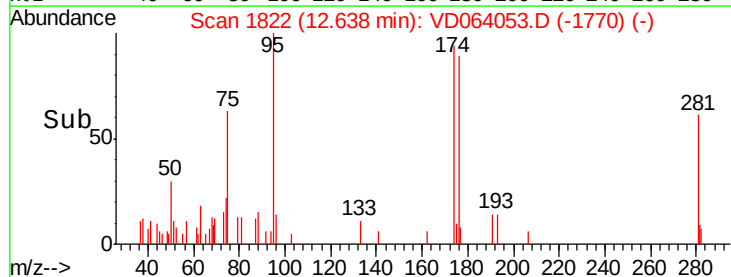
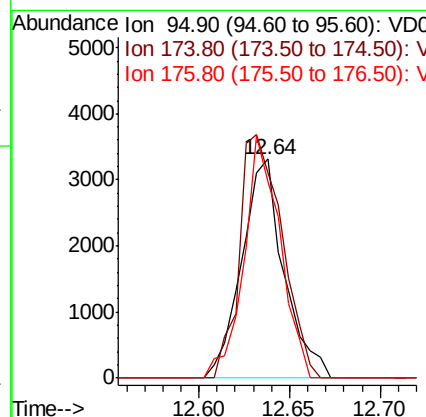
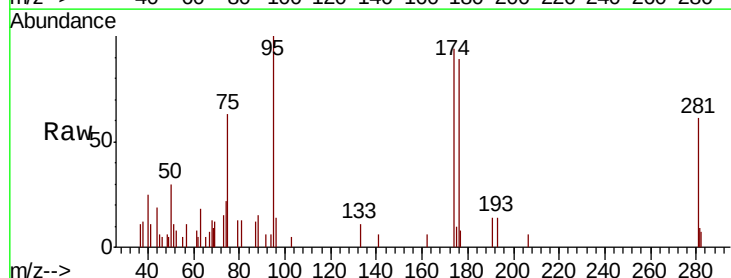
Instrument :
MSVOA_D
ClientSampleId :

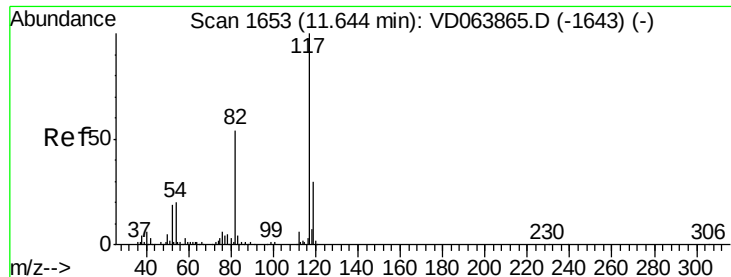
Tot Ion: 43 Resp: 95
Ion Ratio Lower Upper
43 100
58 77.9 27.7 83.0



#62
4-Bromofluorobenzene
Concen: 45.290 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064053.D
Acq: 24 Oct 2019 18:42

Tgt Ion: 95 Resp: 5358
Ion Ratio Lower Upper
95 100
174 112.4 0.0 186.4
176 94.4 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Instrument :

MSVOA_D

ClientSampled :

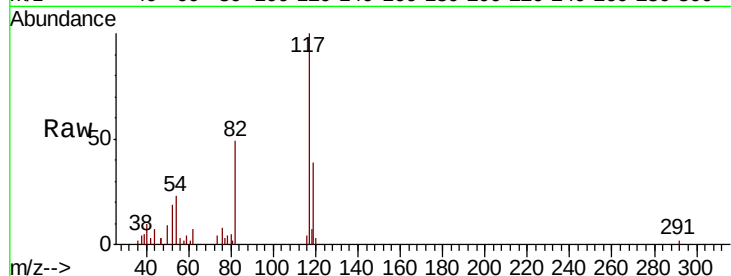
Tot Ion:117 Resp: 14181

Ion Ratio Lower Upper

117 100

82 48.6 42.8 64.2

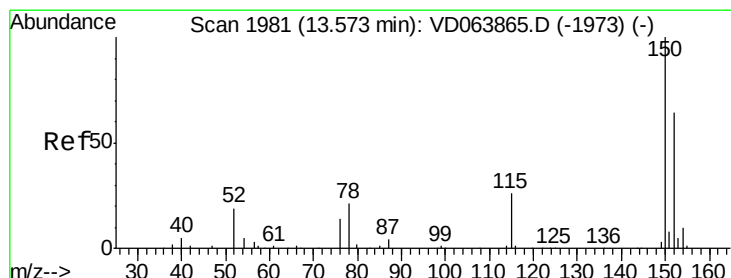
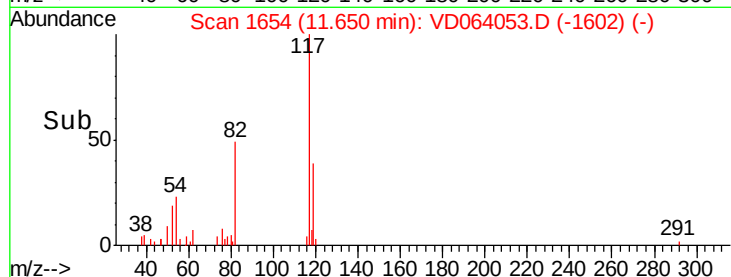
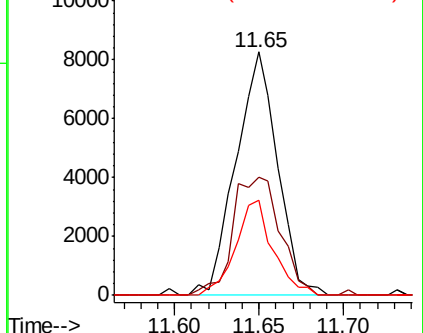
119 38.9 24.4 36.6#



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# 1982

Delta R.T. 0.01 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

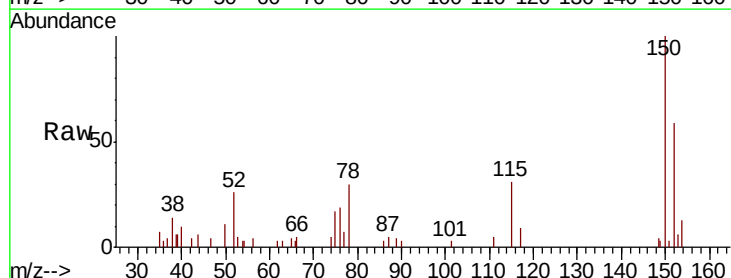
Tgt Ion:152 Resp: 6322

Ion Ratio Lower Upper

152 100

115 56.5 25.9 77.7

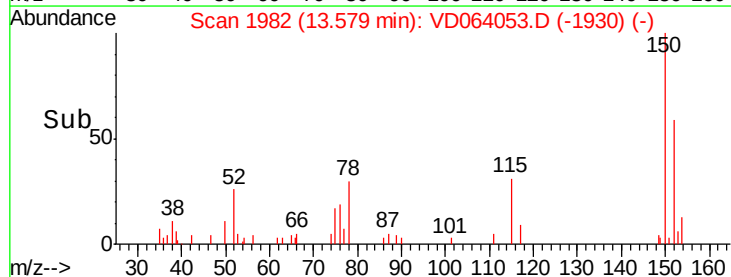
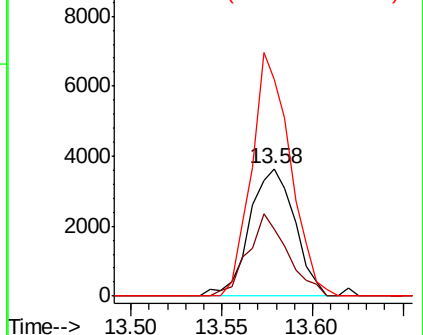
150 163.0 0.0 344.2

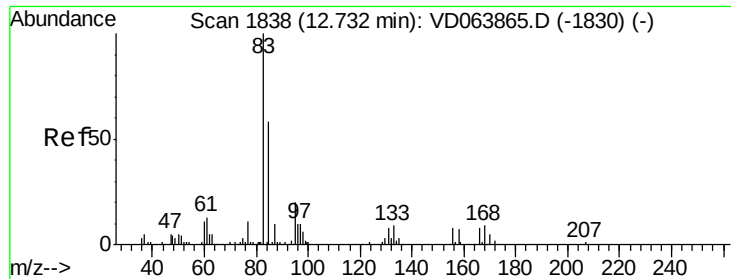


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1.014 ug/l

RT: 12.61 min Scan# 1817

Delta R.T. -0.12 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Instrument :

MSVOA_D

ClientSampled :

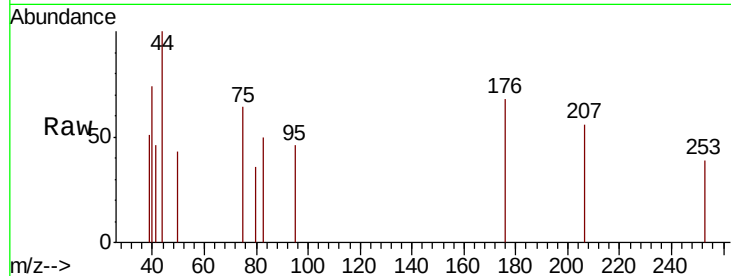
Tot Ion: 83 Resp: 75

Ion Ratio Lower Upper

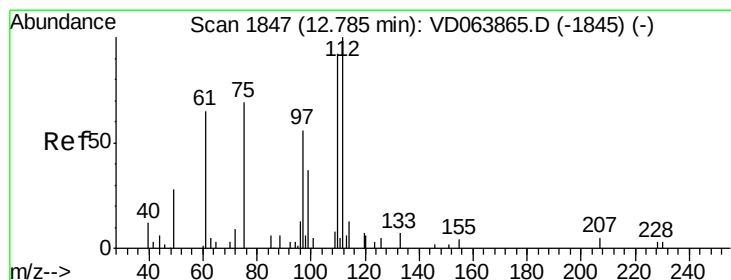
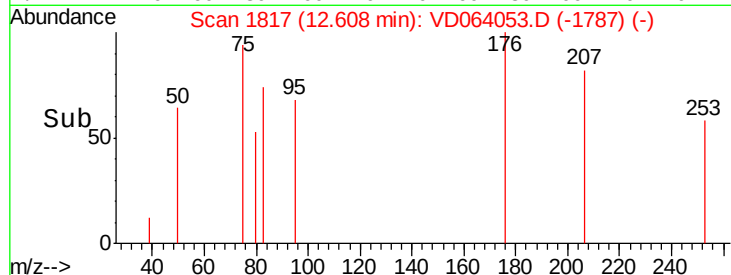
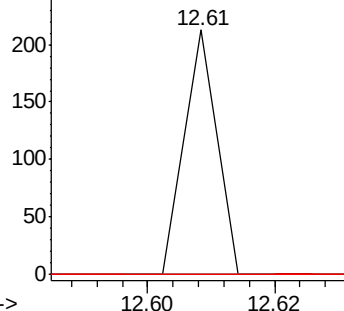
83 100

131 0.0 5.6 16.8#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 8.360 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064053.D

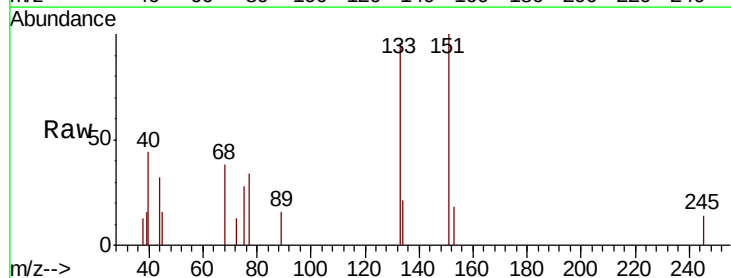
Acq: 24 Oct 2019 18:42

Tgt Ion: 75 Resp: 354

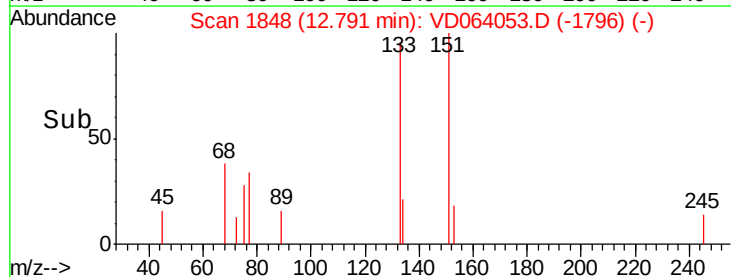
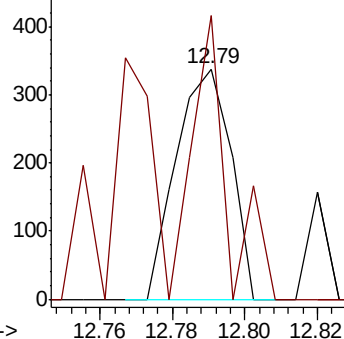
Ion Ratio Lower Upper

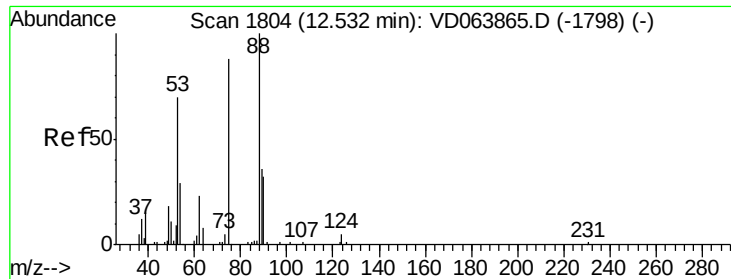
75 100

77 78.8 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: 140.923 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

Instrument :

MSVOA_D

ClientSampled :

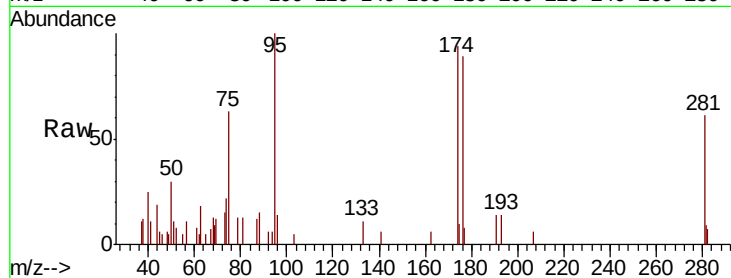
Tot Ion: 75 Resp: 3372

Ion Ratio Lower Upper

75 100

53 0.0 75.0 112.6#

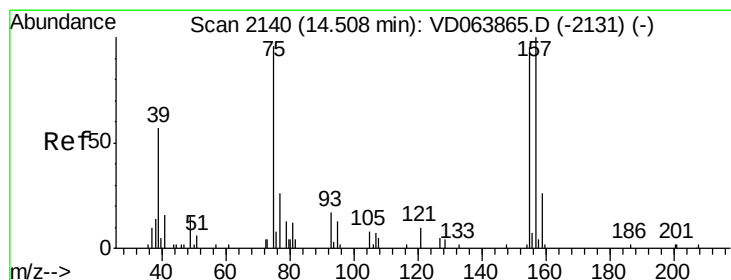
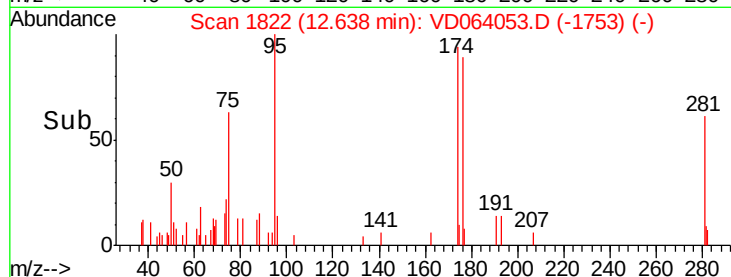
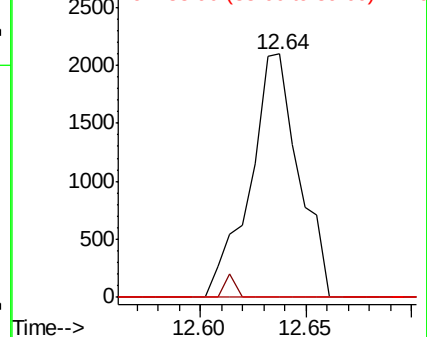
89 0.0 38.2 57.4#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.914 ug/l

RT: 14.57 min Scan# 2151

Delta R.T. 0.06 min

Lab File: VD064053.D

Acq: 24 Oct 2019 18:42

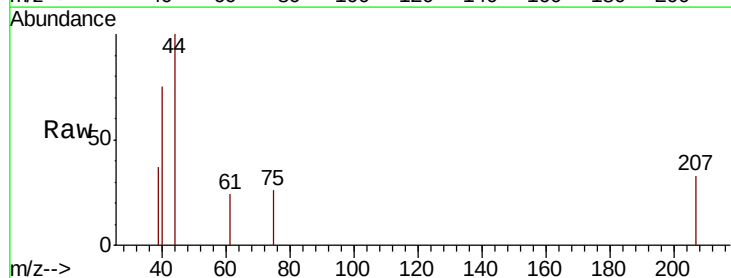
Tgt Ion: 75 Resp: 71

Ion Ratio Lower Upper

75 100

155 0.0 43.9 131.6#

157 0.0 56.0 167.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

