

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063588.D
 Acq On : 14 Aug 2019 21:41
 Operator : JC/SY
 Sample : K4324-05RE
 Misc : 5.52g/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 12:03:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	32366	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	54489	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	37339	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	12718	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	39237	113.41	ug/l	-0.01
Spiked Amount			Recovery	=	226.82%	
35) Dibromofluoromethane	6.92	113	29526	64.34	ug/l	-0.01
Spiked Amount			Recovery	=	128.68%	
50) Toluene-d8	10.41	98	34396	34.09	ug/l	-0.01
Spiked Amount			Recovery	=	68.18%	
62) 4-Bromofluorobenzene	13.55	95	14359	31.40	ug/l	-0.01
Spiked Amount			Recovery	=	62.80%	

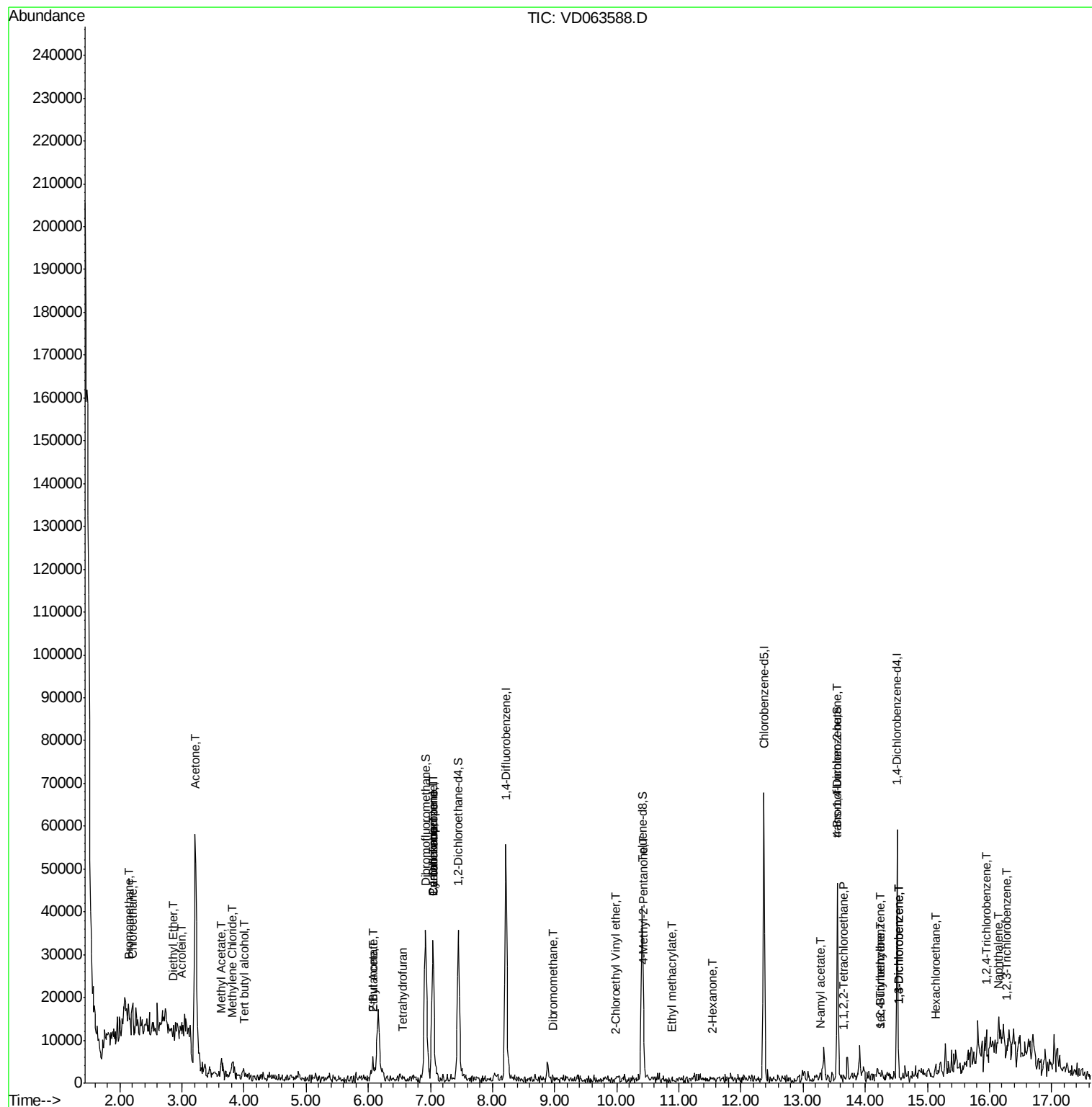
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.15	94	2076	14.486	ug/l #	11
6) Chloroethane	2.22	64	239	1.721	ug/l #	1
8) Diethyl Ether	2.87	74	443	5.267	ug/l	58
11) Tert butyl alcohol	4.00	59	2020	134.124	ug/l #	71
13) Acrolein	3.00	56	254	17.134	ug/l #	18
16) Acetone	3.21	43	102601	1458.884	ug/l	100
18) Methyl Acetate	3.64	43	6288	47.203	ug/l #	69
20) Methylene Chloride	3.80	84	1850	6.083	ug/l #	77
25) 2-Butanone	6.08	43	8737	125.787	ug/l #	83
29) Tetrahydrofuran	6.55	42	210	6.488	ug/l #	35
31) Cyclohexane	7.04	56	486	1.556	ug/l #	13
36) 1,1-Dichloropropene	7.04	75	2334	4.845	ug/l #	42
37) Ethyl Acetate	6.08	43	8737	43.286	ug/l #	73
38) Carbon Tetrachloride	7.04	117	2792	3.846	ug/l #	13
46) Dibromomethane	8.98	93	211	1.001	ug/l #	3
51) 4-Methyl-2-Pentanone	10.44	43	188	1.016	ug/l #	40
56) Ethyl methacrylate	10.90	69	263	1.051	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.98	63	209	1.581	ug/l #	49
59) 2-Hexanone	11.54	43	379	2.816	ug/l #	30
74) N-amyl acetate	13.28	43	916	4.511	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	13.65	83	213	1.586	ug/l #	26
81) trans-1,4-Dichloro-2-buten	13.55	75	6606	168.390	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.24	105	795	1.216	ug/l #	31
85) sec-Butylbenzene	14.24	105	795	1.006	ug/l #	62
87) 1,3-Dichlorobenzene	14.54	146	413	1.033	ug/l #	23
88) 1,4-Dichlorobenzene	14.54	146	413	1.076	ug/l #	25
90) Hexachloroethane	15.13	117	190	1.000	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.94	180	289	1.158	ug/l #	73
95) Naphthalene	16.13	128	731	1.932	ug/l #	71
96) 1,2,3-Trichlorobenzene	16.28	180	727	3.605	ug/l #	12

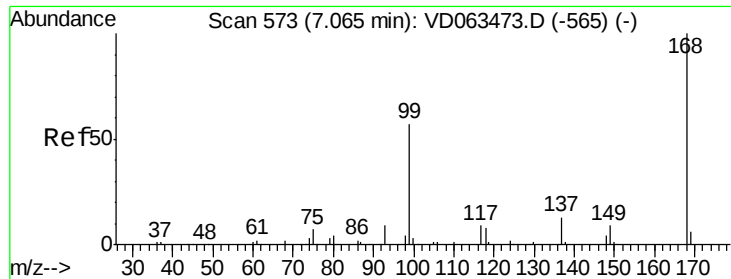
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

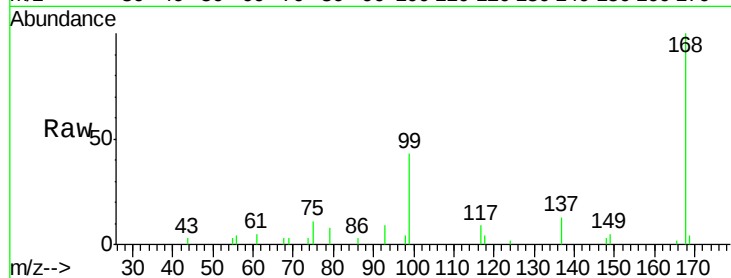
ClientSampleId :

Tot Ion:168 Resp: 32366

Ion Ratio Lower Upper

168 100

99 42.8 46.7 70.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

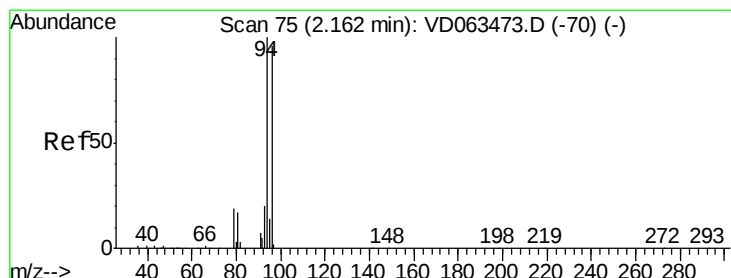
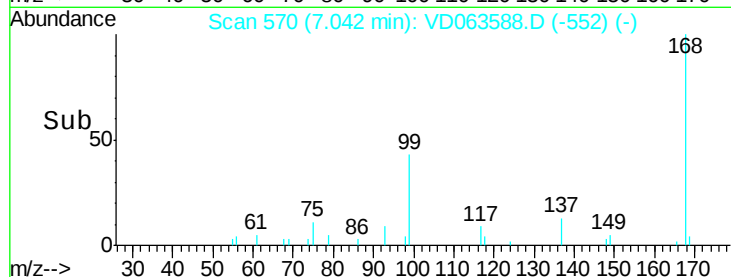
15000

10000

5000

0

Time-->



#5

Bromomethane

Concen: 14.486 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

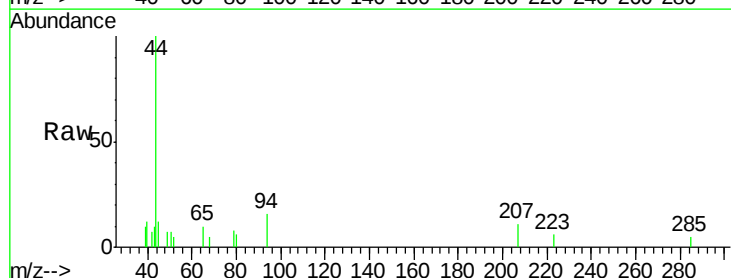
Tgt Ion: 94 Resp: 2076

Ion Ratio Lower Upper

94 100

96 0.0 76.5 114.7#

93 0.0 15.8 23.8#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

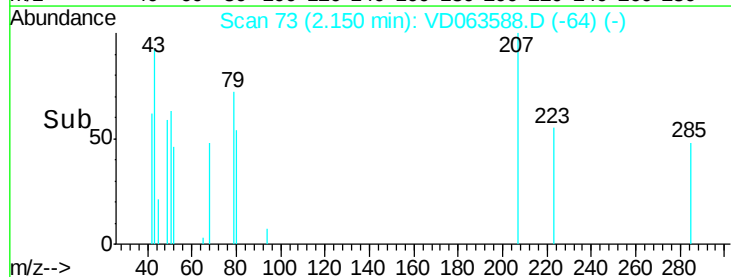
1500

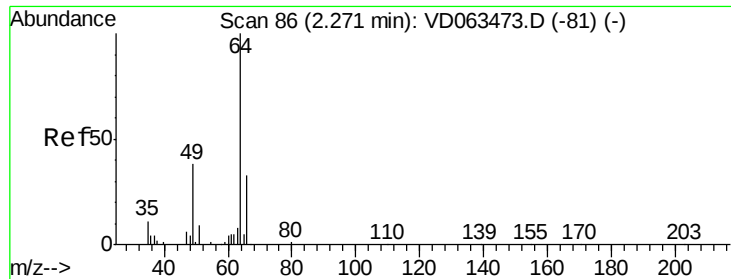
1000

500

0

Time-->





#6

Chloroethane

Concen: 1.721 ug/l

RT: 2.22 min Scan# 80

Delta R.T. -0.05 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

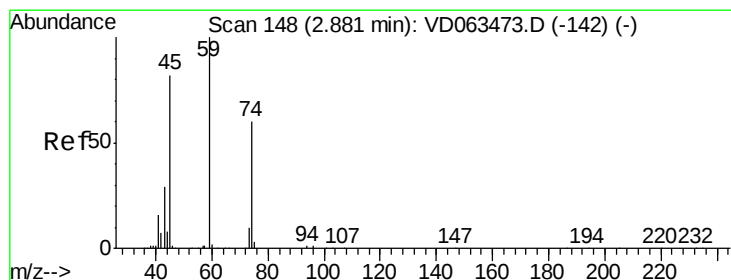
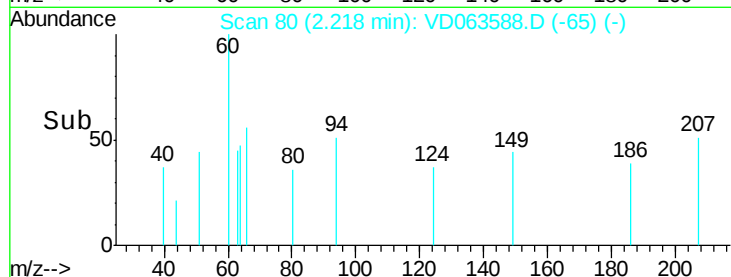
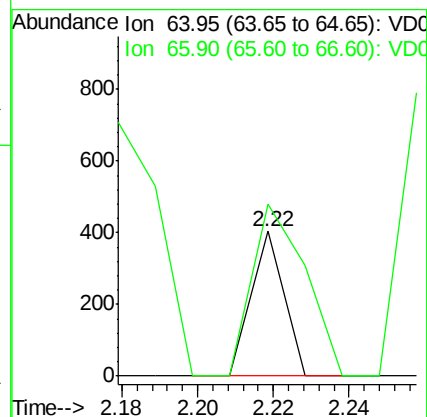
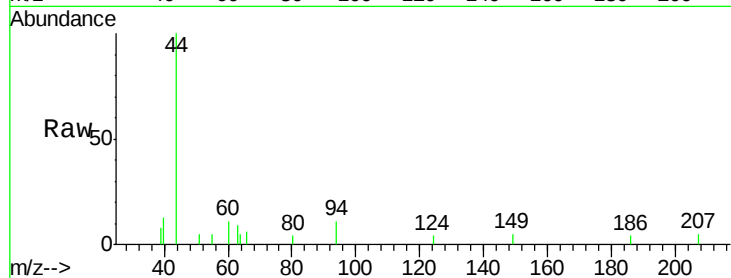
ClientSampleId :

Tot Ion: 64 Resp: 239

Ion Ratio Lower Upper

64 100

66 118.6 26.3 39.5#



#8

Diethyl Ether

Concen: 5.267 ug/l

RT: 2.87 min Scan# 146

Delta R.T. -0.01 min

Lab File: VD063588.D

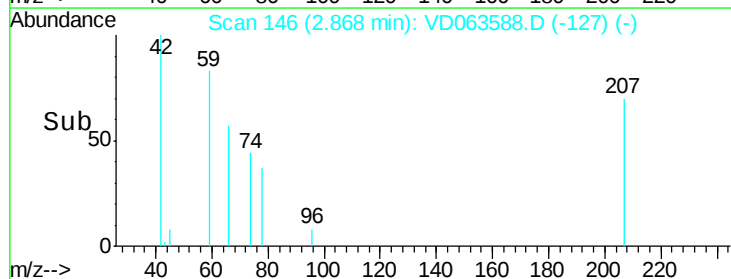
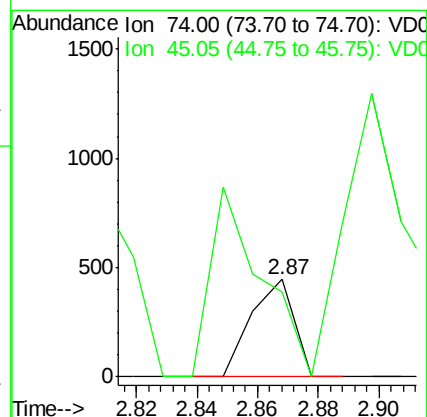
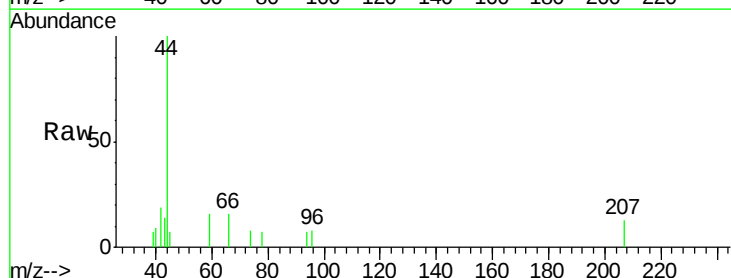
Acq: 14 Aug 2019 21:41

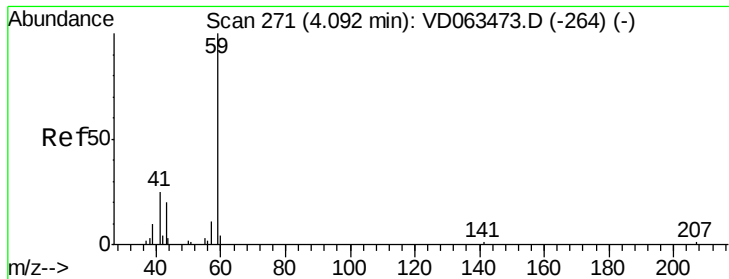
Tgt Ion: 74 Resp: 443

Ion Ratio Lower Upper

74 100

45 86.6 68.5 205.5



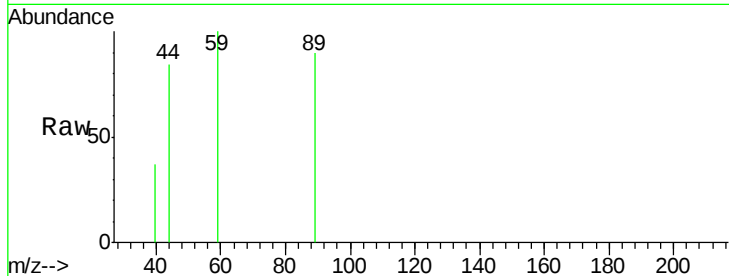


#11

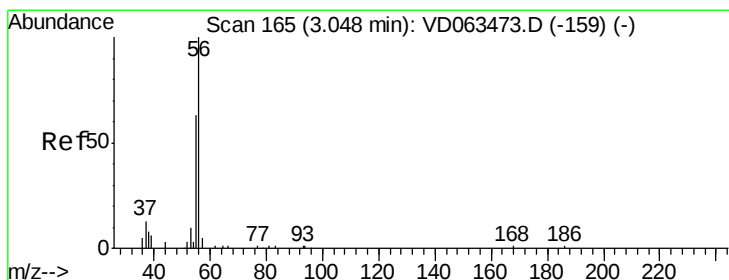
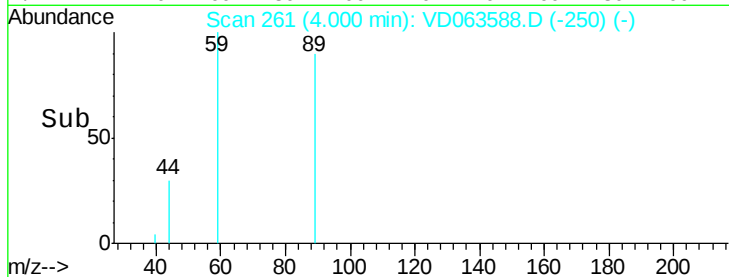
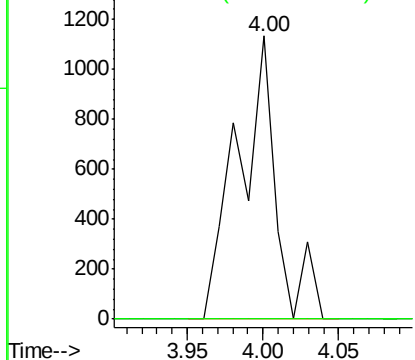
Tert butyl alcohol
 Concen: 134.124 ug/l
 RT: 4.00 min Scan# 261
 Delta R.T. -0.09 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 59 Resp: 2020
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#



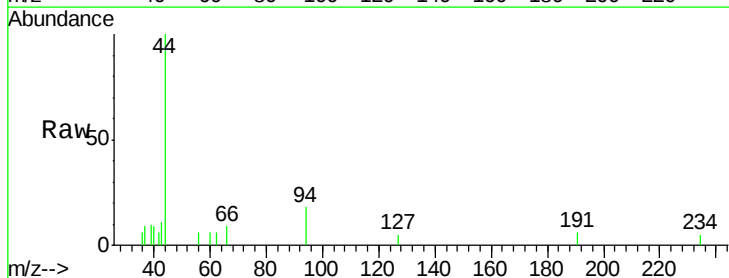
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



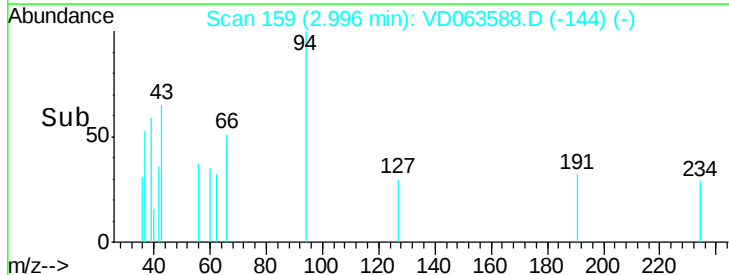
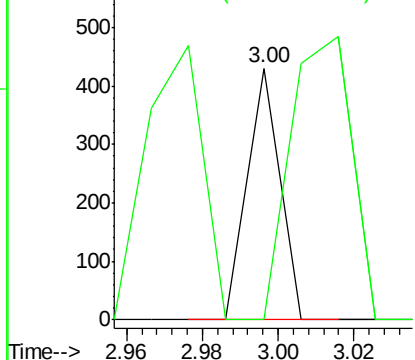
#13

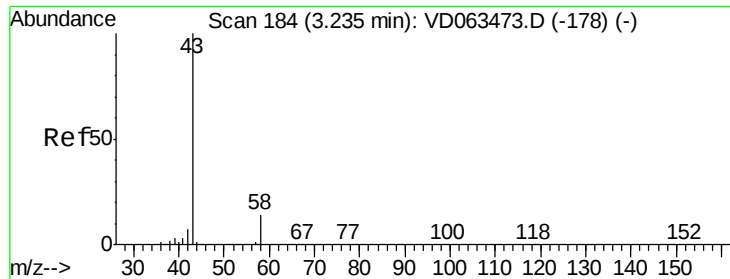
Acrolein
 Concen: 17.134 ug/l
 RT: 3.00 min Scan# 159
 Delta R.T. -0.05 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Tgt Ion: 56 Resp: 254
 Ion Ratio Lower Upper
 56 100
 55 0.0 51.3 76.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC
 Ion 55.00 (54.70 to 55.70): VDC

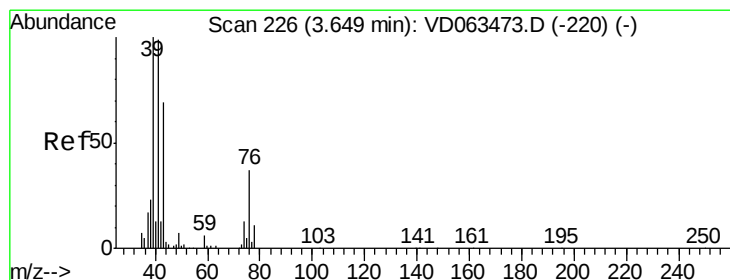
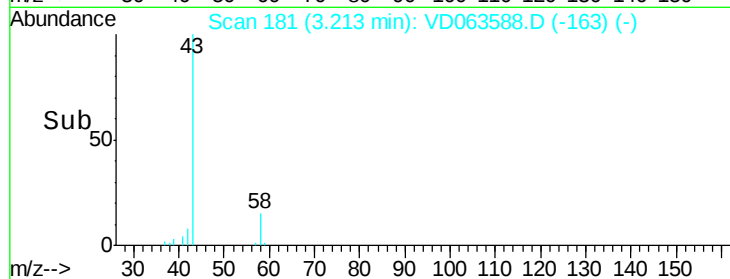
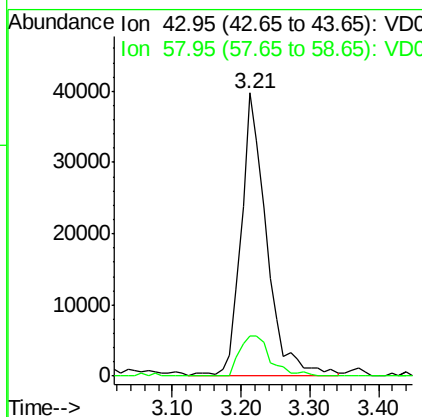
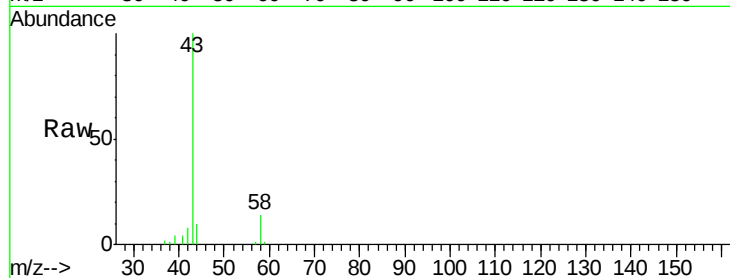




#16
Acetone
Concen: 1458.884 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

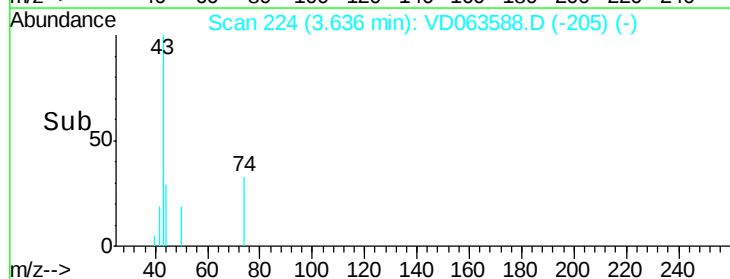
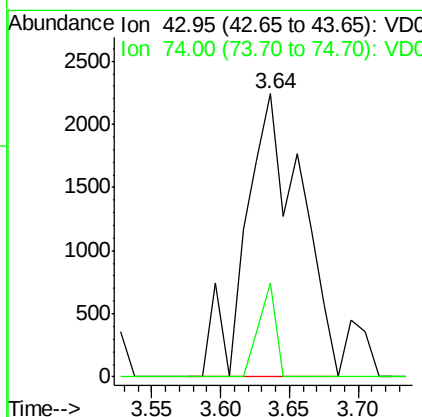
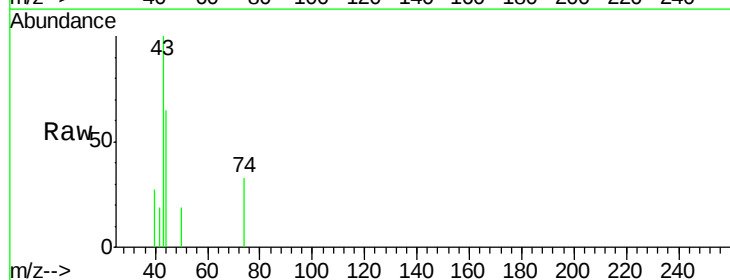
Instrument :
MSVOA_D
ClientSampleId :

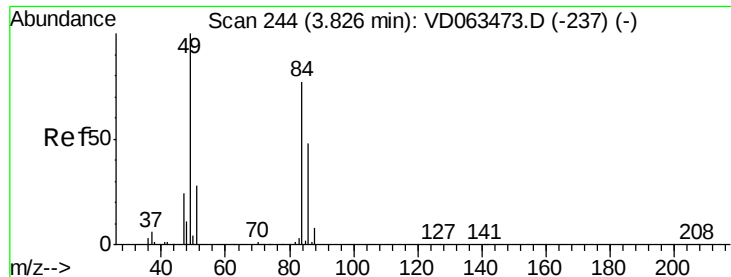
Tot Ion: 43 Resp: 102601
Ion Ratio Lower Upper
43 100
58 14.4 11.4 17.2



#18
Methyl Acetate
Concen: 47.203 ug/l
RT: 3.64 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Tgt Ion: 43 Resp: 6288
Ion Ratio Lower Upper
43 100
74 33.2 15.4 23.2#

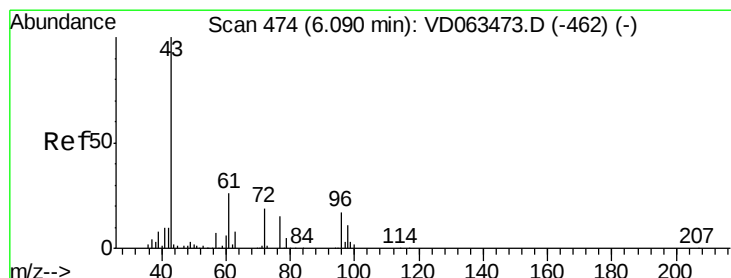
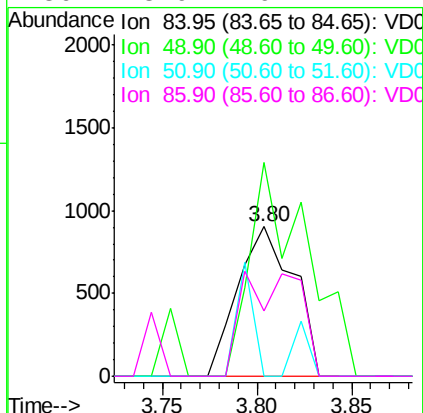
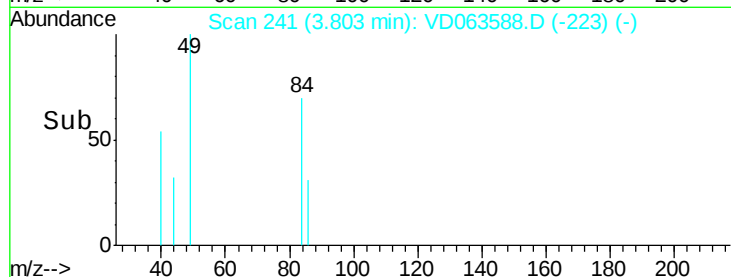
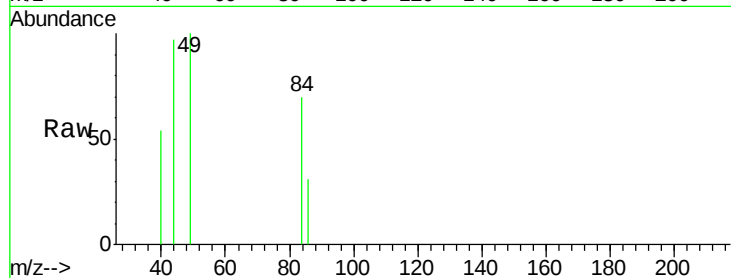




#20
Methylene Chloride
Concen: 6.083 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

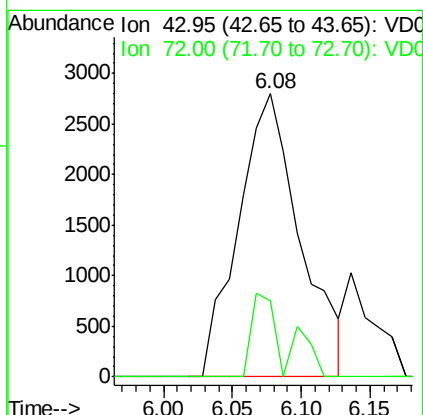
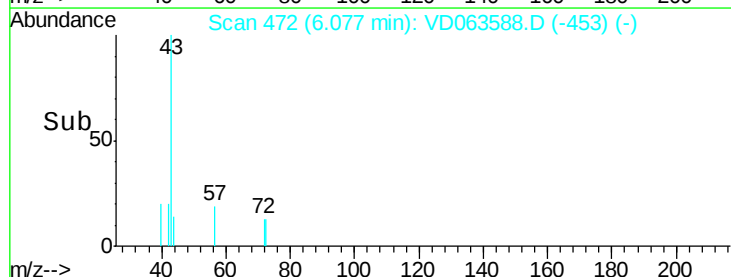
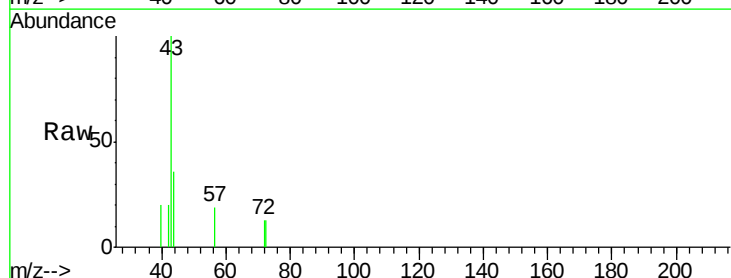
Instrument :
MSVOA_D
ClientSampleId :

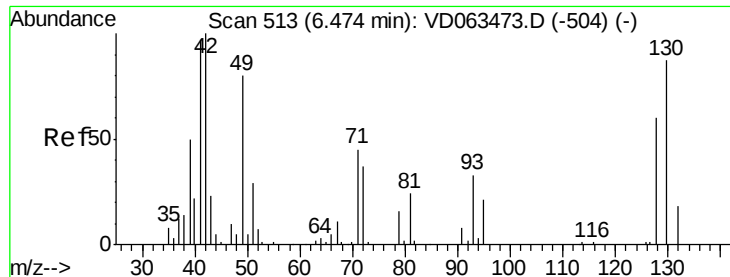
Tot Ion: 84 Resp: 1850
Ion Ratio Lower Upper
84 100
49 142.9 103.4 155.2
51 0.0 28.5 42.7#
86 43.9 49.4 74.2#



#25
2-Butanone
Concen: 125.787 ug/l
RT: 6.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Tgt Ion: 43 Resp: 8737
Ion Ratio Lower Upper
43 100
72 26.7 15.1 22.7#





#29

Tetrahydrofuran

Concen: 6.488 ug/l

RT: 6.55 min Scan# 520

Delta R.T. 0.08 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

ClientSampleId :

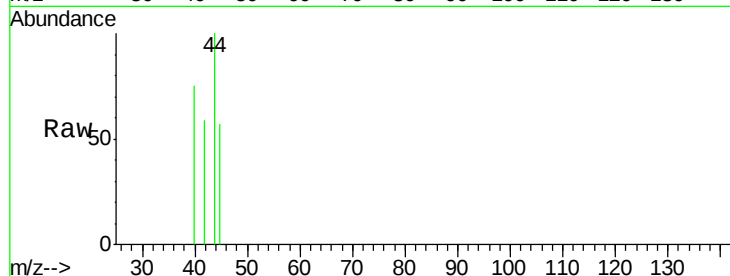
Tot Ion: 42 Resp: 210

Ion Ratio Lower Upper

42 100

72 0.0 31.5 47.3#

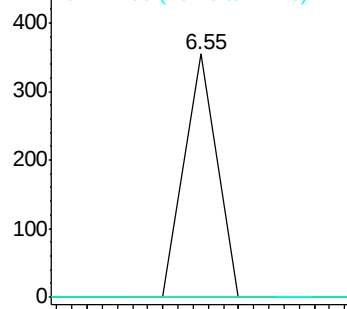
71 0.0 33.8 50.8#



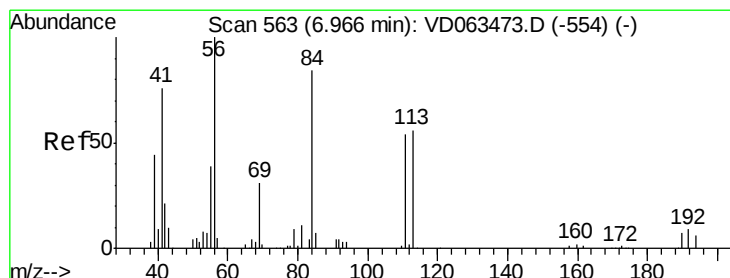
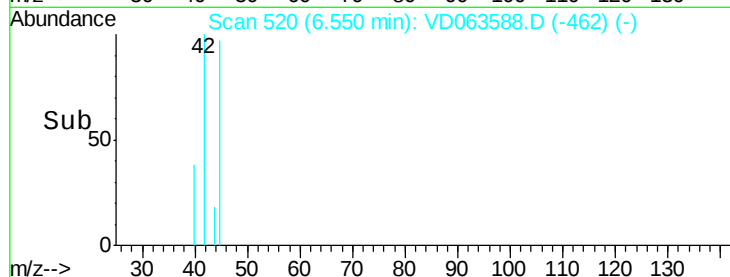
Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



Time-->



#31

Cyclohexane

Concen: 1.556 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.08 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

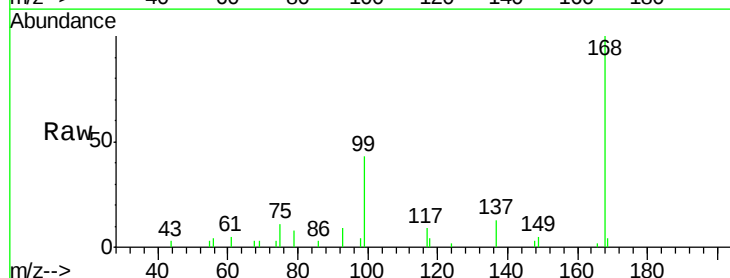
Tgt Ion: 56 Resp: 486

Ion Ratio Lower Upper

56 100

69 69.0 25.0 37.6#

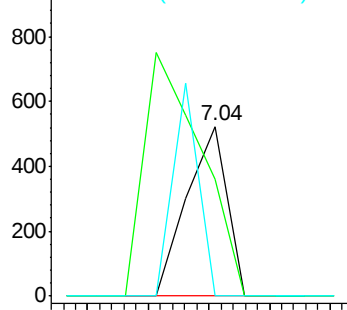
84 0.0 69.7 104.5#



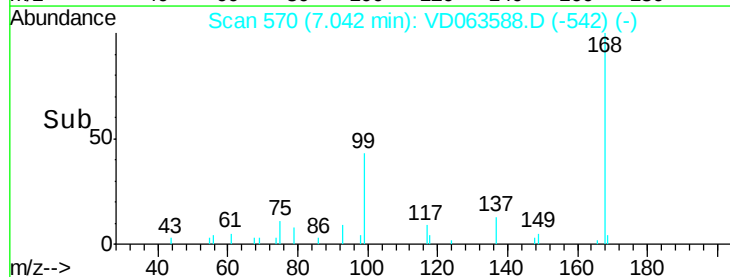
Abundance Ion 55.95 (55.65 to 56.65): VDC

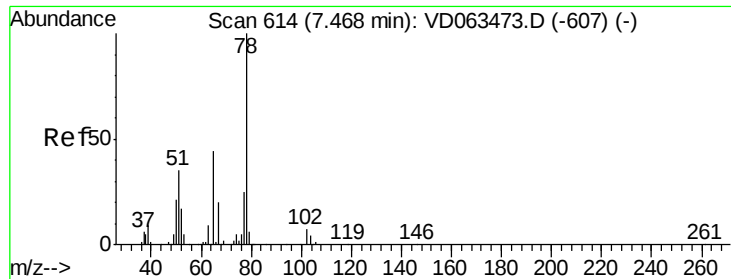
Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



Time-->

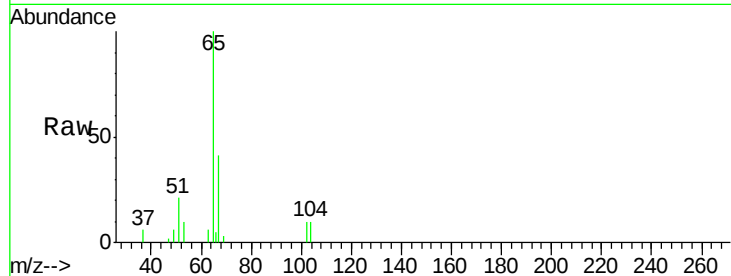




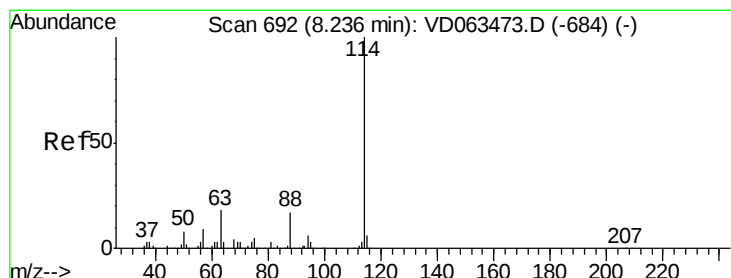
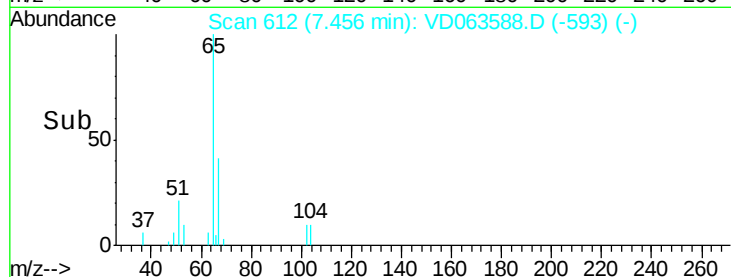
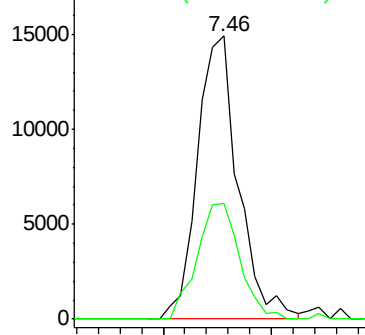
#33
 1,2-Dichloroethane-d4
 Concen: 113.412 ug/l
 RT: 7.46 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 39237
 Ion Ratio Lower Upper
 65 100
 67 40.8 0.0 89.2

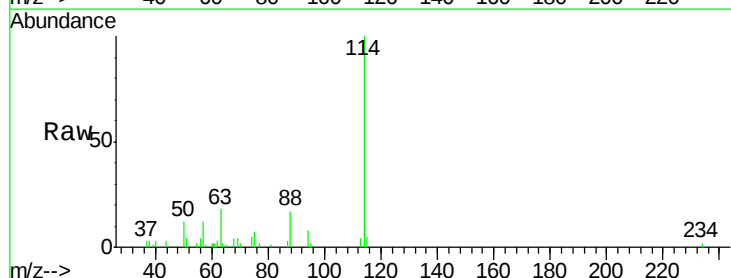


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

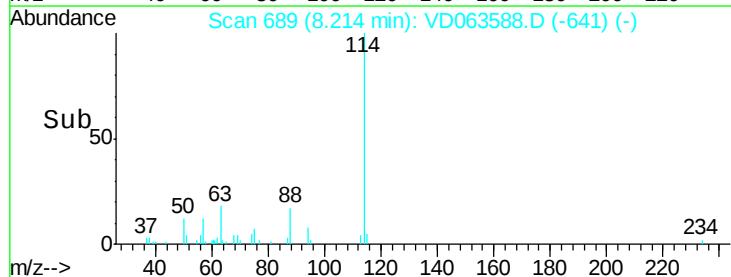
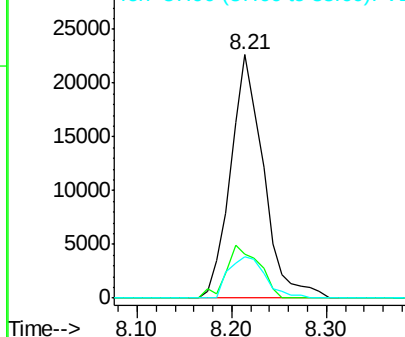


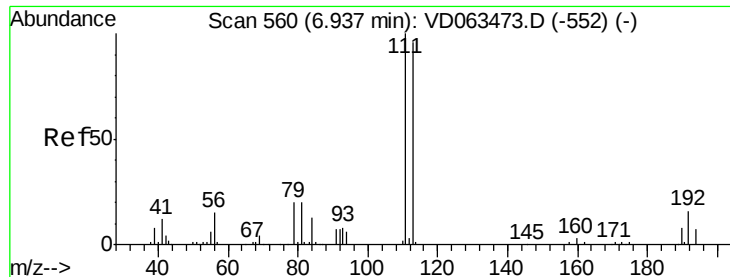
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Tgt Ion: 114 Resp: 54489
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.2
 88 17.1 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): VDC
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

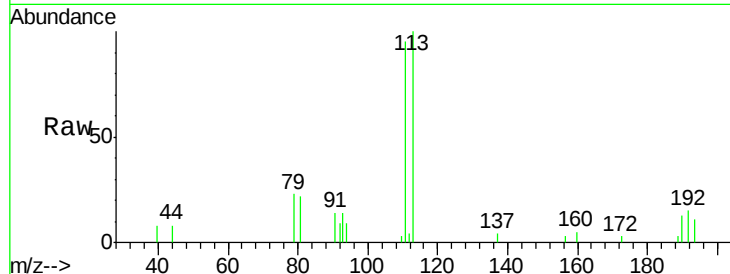




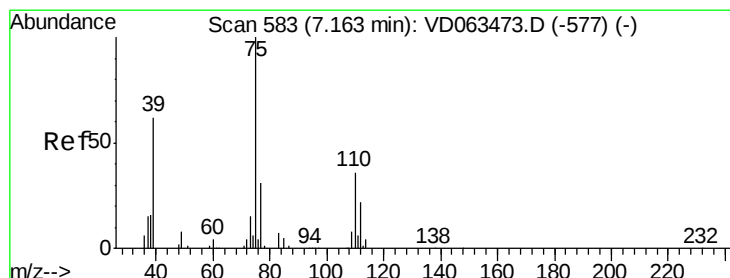
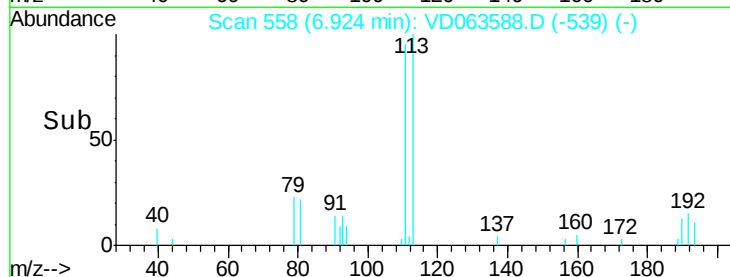
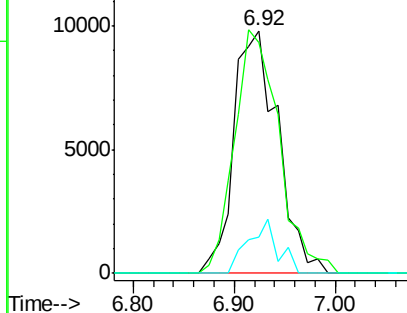
#35
Dibromofluoromethane
Concen: 64.339 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:113 Resp: 29526
Ion Ratio Lower Upper
113 100
111 95.1 83.1 124.7
192 14.8 13.1 19.7

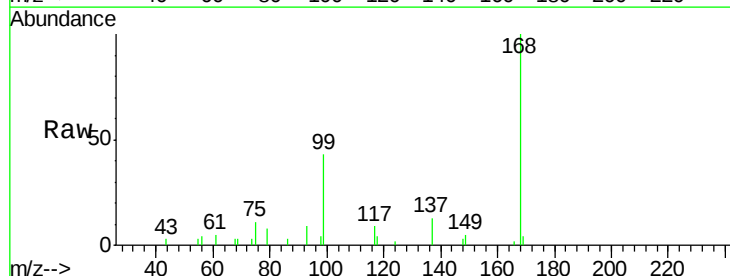


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

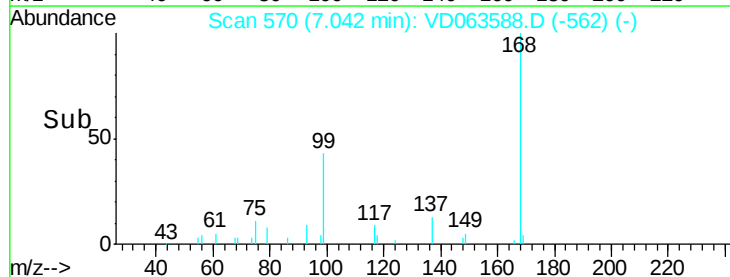
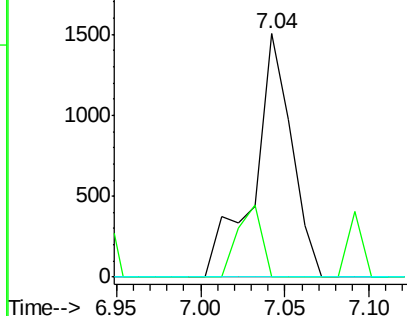


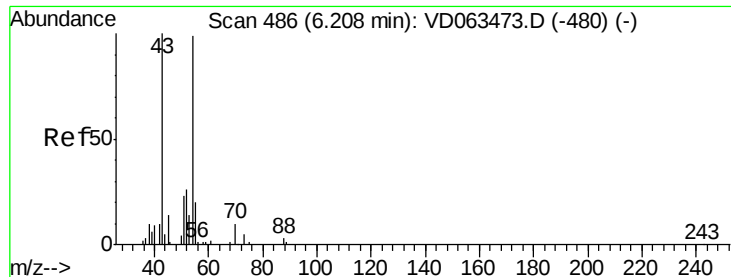
#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.12 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Tgt Ion: 75 Resp: 2334
Ion Ratio Lower Upper
75 100
110 0.0 17.6 52.8#
77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

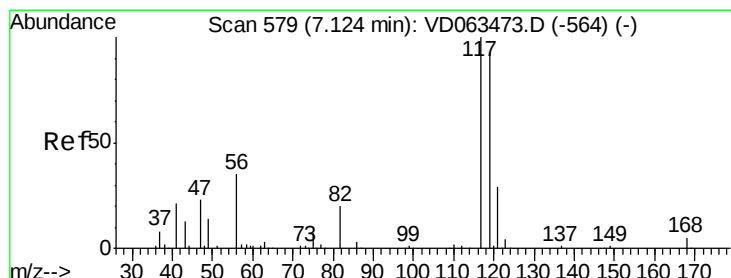
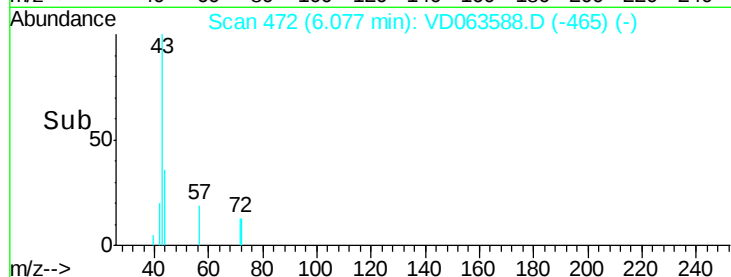
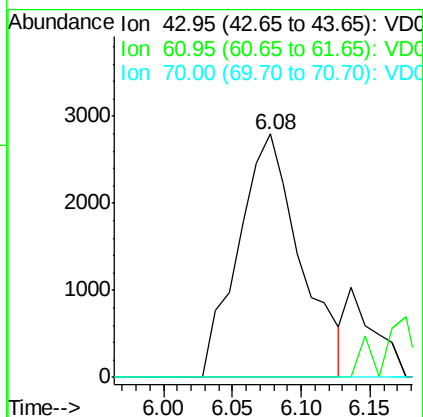
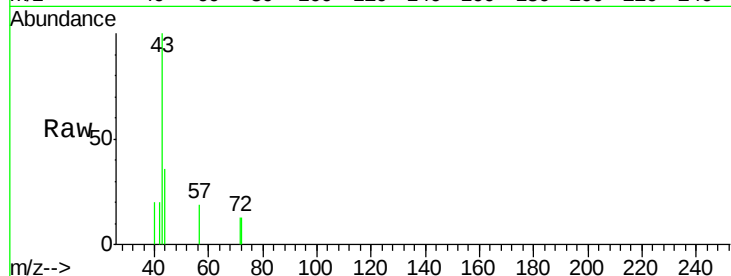




#37
Ethyl Acetate
Concen: 43.286 ug/l
RT: 6.08 min Scan# 472
Delta R.T. -0.13 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

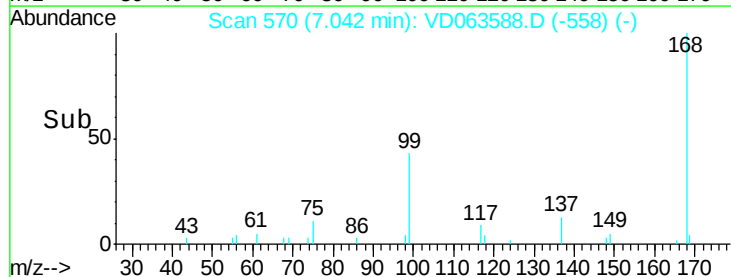
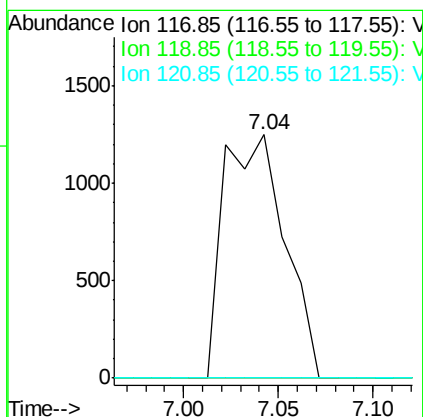
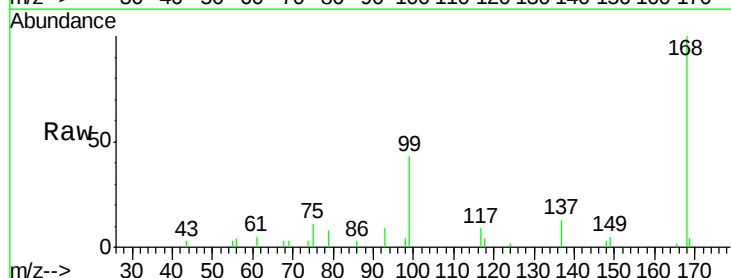
Instrument :
MSVOA_D
ClientSampleId :

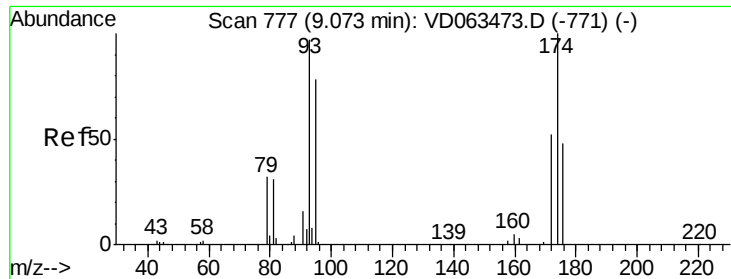
Tot Ion: 43 Resp: 8737
Ion Ratio Lower Upper
43 100
61 0.0 9.0 13.6#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 3.846 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Tgt Ion: 117 Resp: 2792
Ion Ratio Lower Upper
117 100
119 0.0 74.2 111.2#
121 0.0 23.1 34.7#

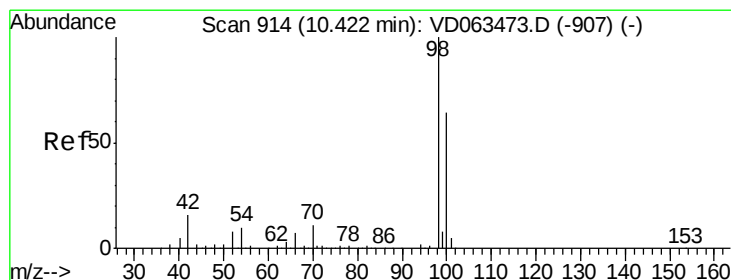
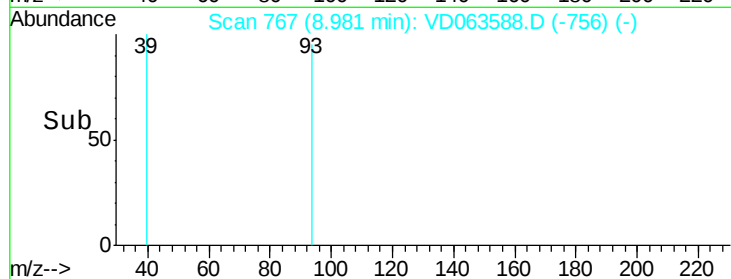
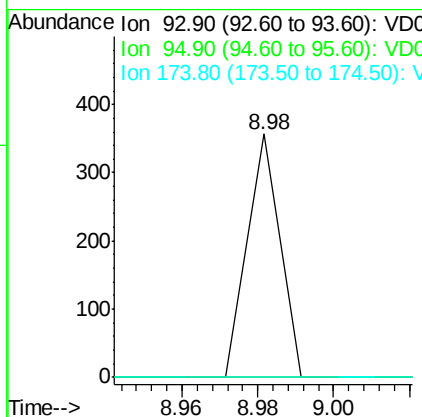
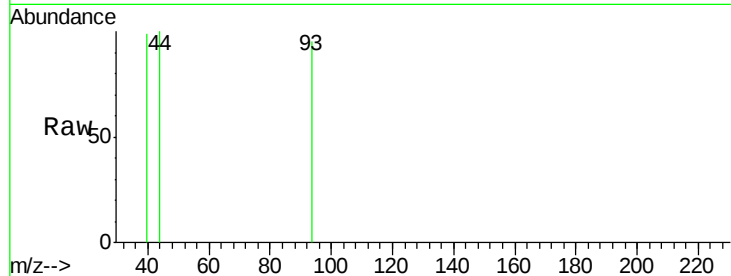




#46
Dibromomethane
Concen: 1.001 ug/l
RT: 8.98 min Scan# 767
Delta R.T. -0.09 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

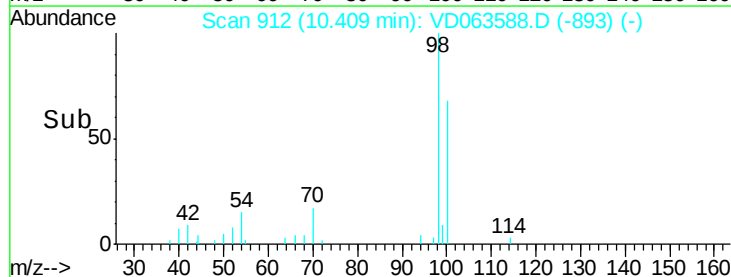
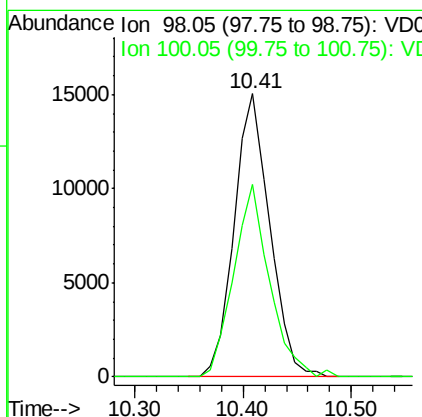
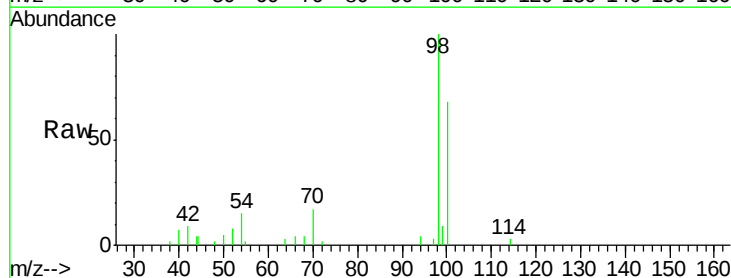
Instrument :
MSVOA_D
ClientSampleId :

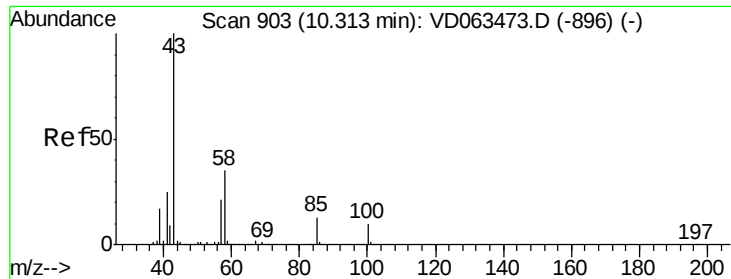
Tot Ion: 93 Resp: 211
Ion Ratio Lower Upper
93 100
95 0.0 64.2 96.2#
174 0.0 82.1 123.1#



#50
Toluene-d8
Concen: 34.091 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Tgt Ion: 98 Resp: 34396
Ion Ratio Lower Upper
98 100
100 67.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.016 ug/l

RT: 10.44 min Scan# 915

Delta R.T. 0.12 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

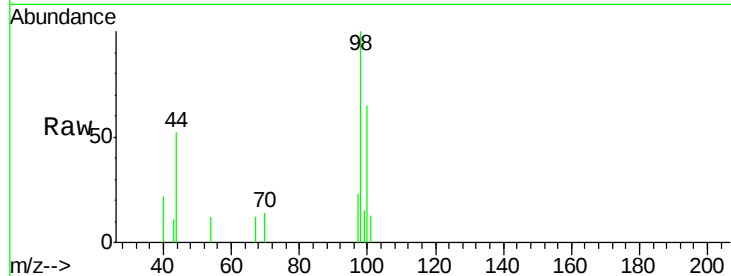
ClientSampleId :

Tot Ion: 43 Resp: 188

Ion Ratio Lower Upper

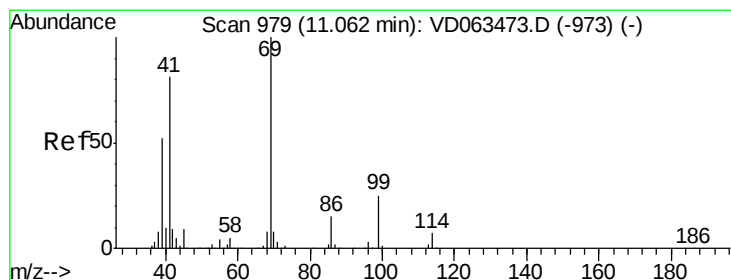
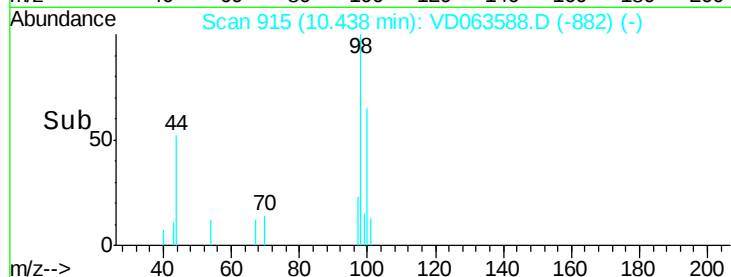
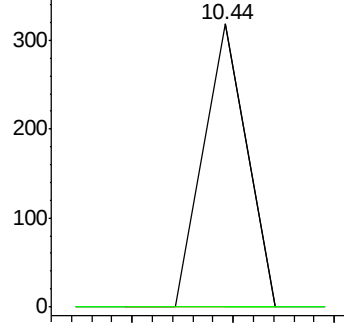
43 100

58 0.0 28.0 42.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#56

Ethyl methacrylate

Concen: 1.051 ug/l

RT: 10.90 min Scan# 962

Delta R.T. -0.16 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

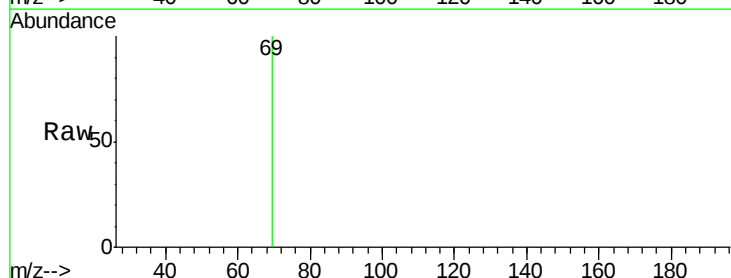
Tgt Ion: 69 Resp: 263

Ion Ratio Lower Upper

69 100

41 0.0 64.8 97.2#

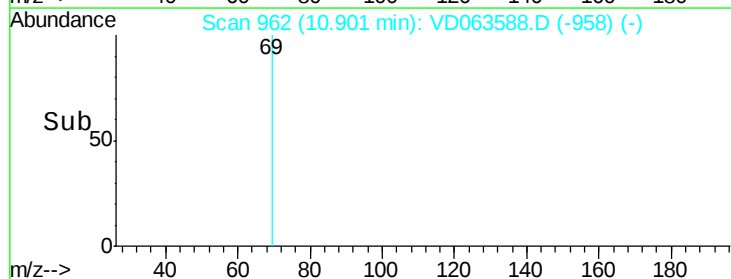
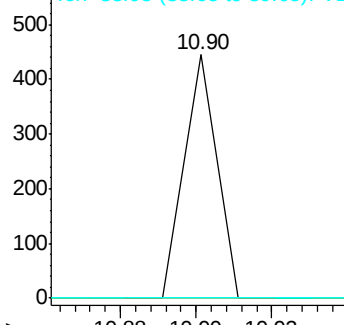
39 0.0 42.4 63.6#

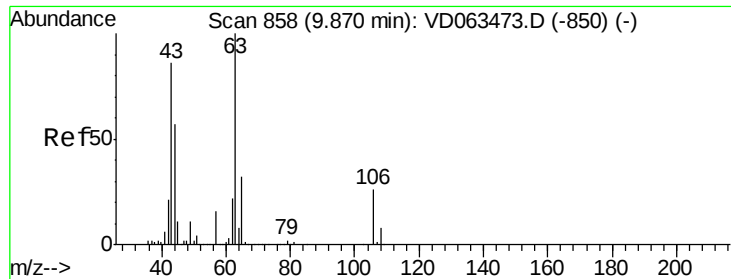


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

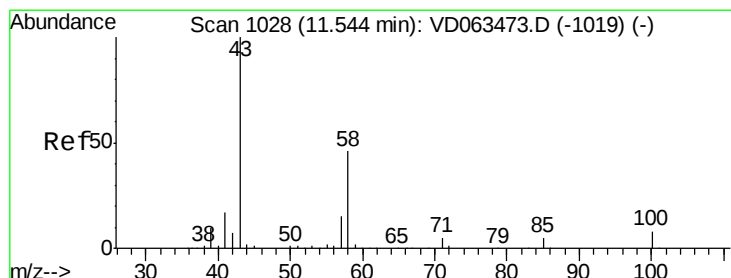
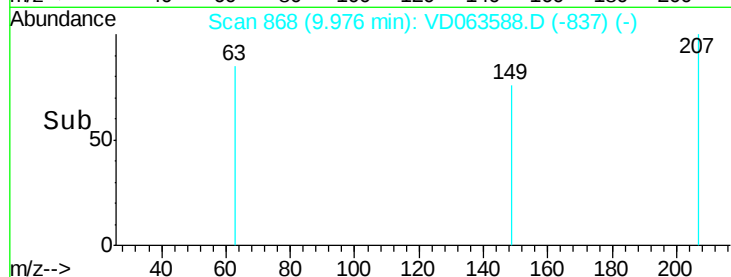
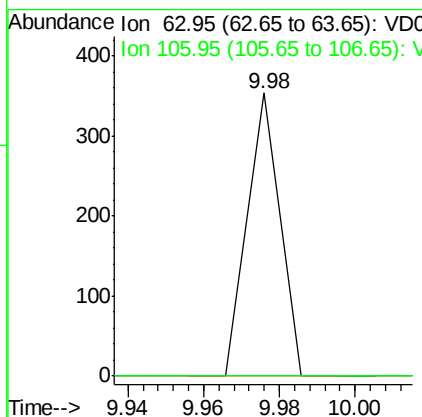
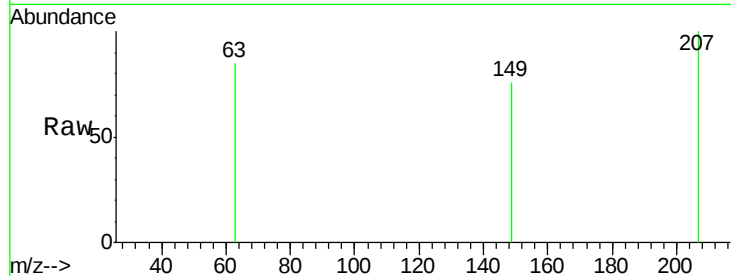




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.581 ug/l
 RT: 9.98 min Scan# 868
 Delta R.T. 0.11 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

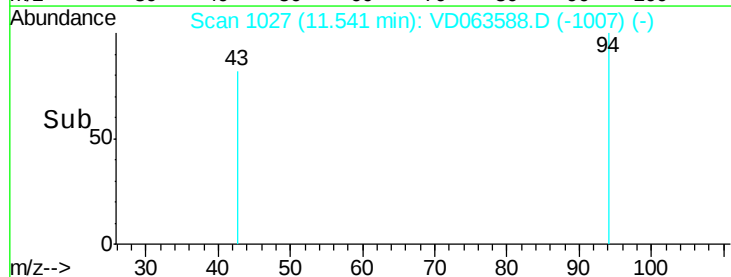
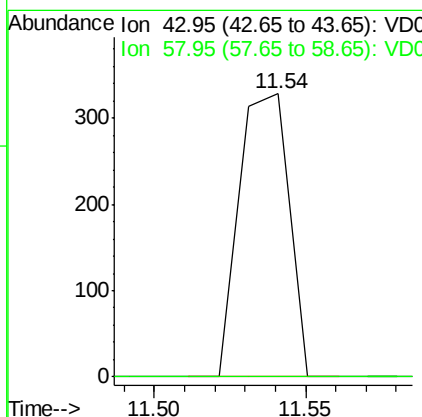
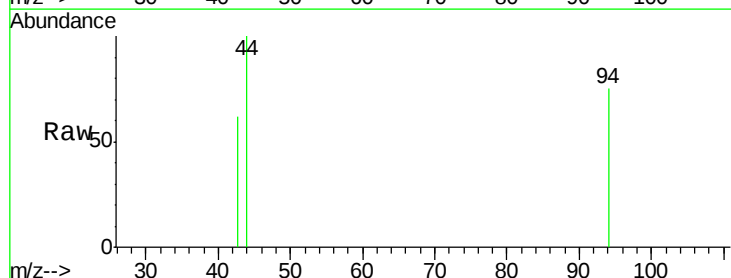
Instrument :
 MSVOA_D
 ClientSampleId :

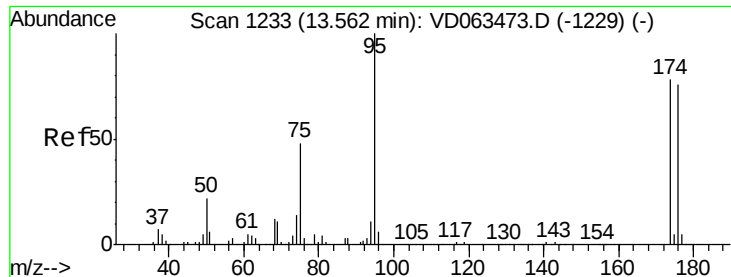
Tot Ion: 63 Resp: 209
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.8 31.2#



#59
 2-Hexanone
 Concen: 2.816 ug/l
 RT: 11.54 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Tgt Ion: 43 Resp: 379
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.1 69.2#

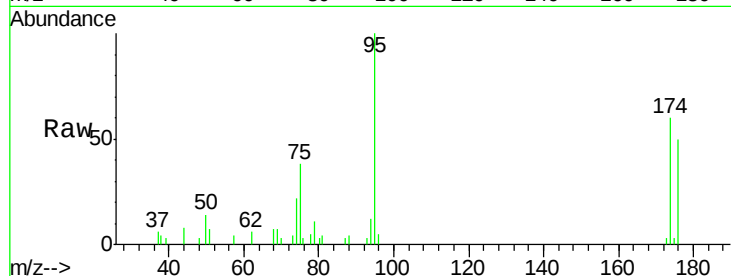




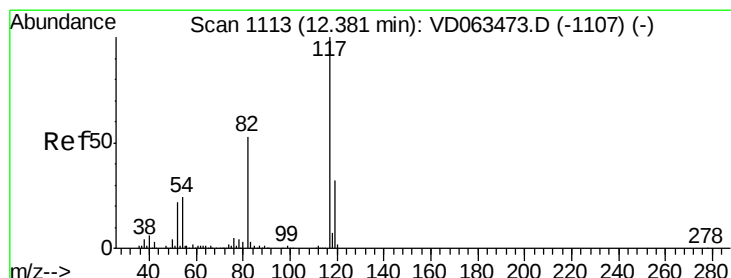
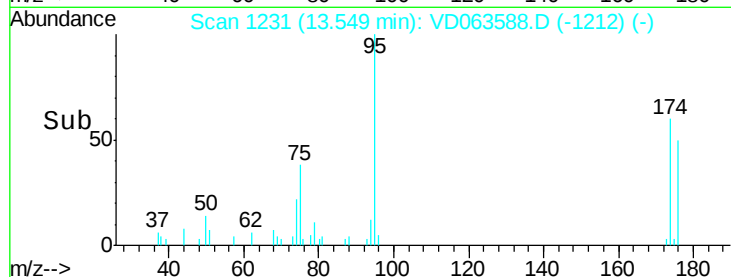
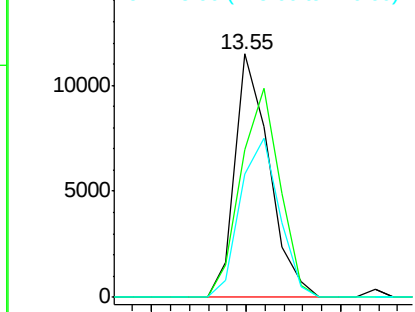
#62
4-Bromofluorobenzene
Concen: 31.400 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 14359
Ion Ratio Lower Upper
95 100
174 60.5 0.0 155.4
176 50.4 0.0 152.4

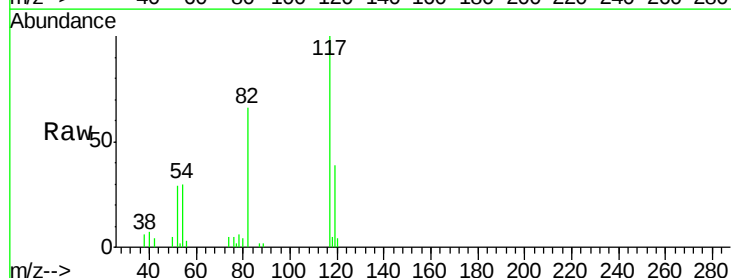


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

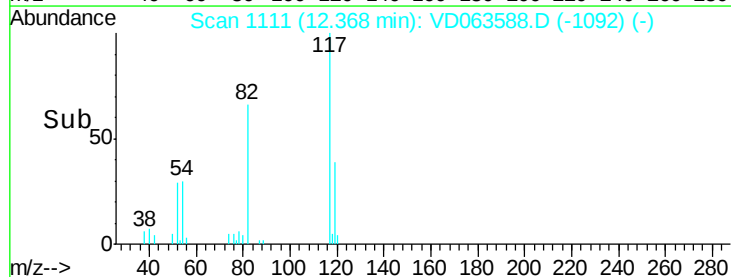
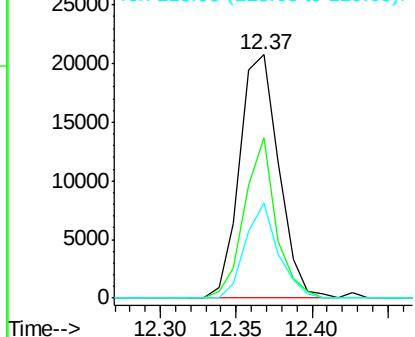


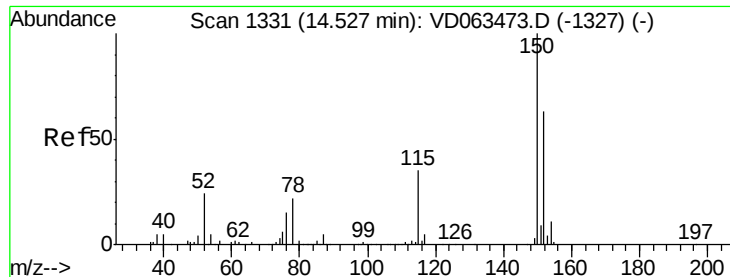
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Tgt Ion: 117 Resp: 37339
Ion Ratio Lower Upper
117 100
82 66.1 42.0 63.0#
119 39.1 25.4 38.0#



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



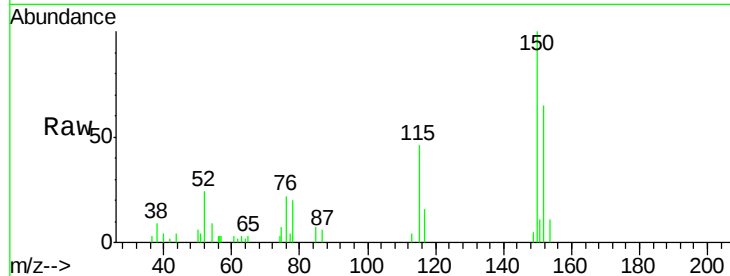


#72

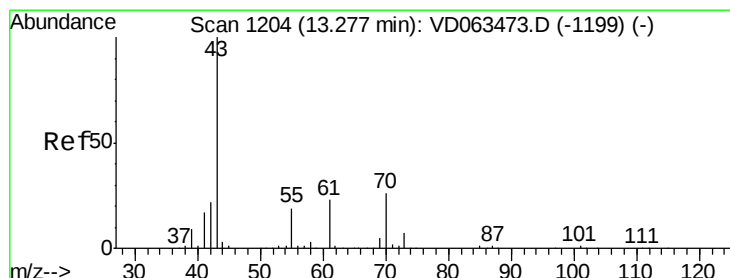
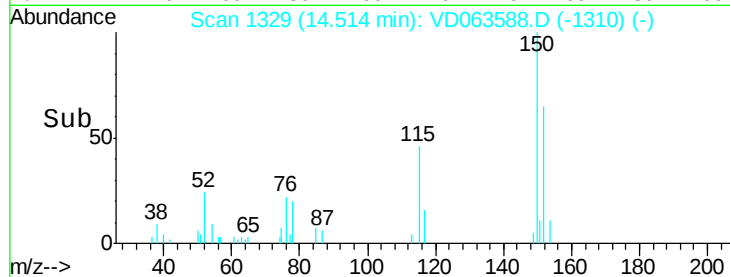
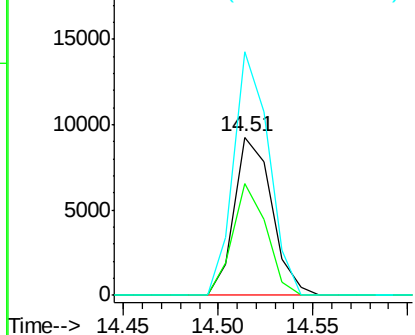
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 12718
Ion Ratio Lower Upper
152 100
115 70.5 30.9 92.7
150 153.9 0.0 318.6



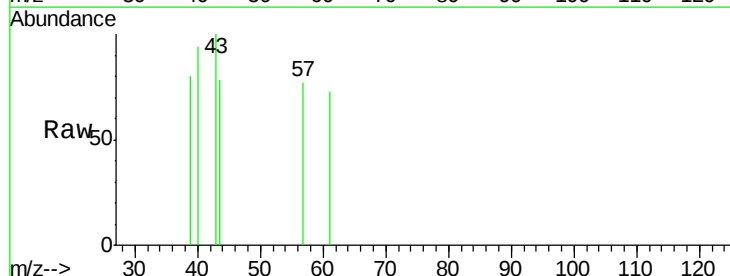
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



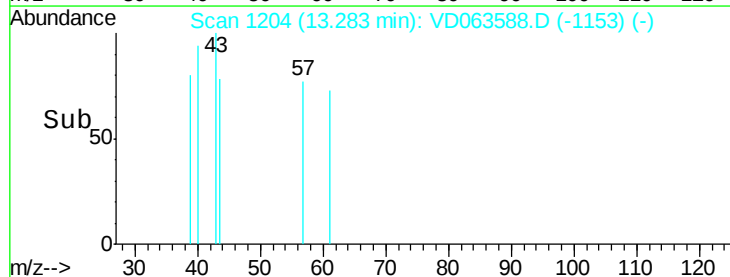
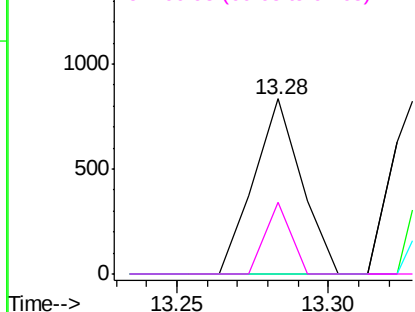
#74

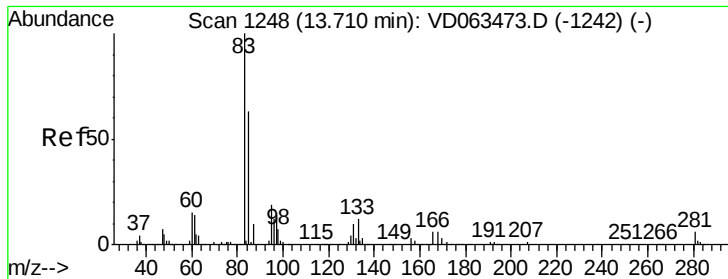
N-ethyl acetate
Concen: 4.511 ug/l
RT: 13.28 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
70 0.0 21.1 31.7#
55 0.0 15.4 23.0#
61 41.2 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 70.00 (69.70 to 70.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 1.586 ug/l

RT: 13.65 min Scan# 1241

Delta R.T. -0.06 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

ClientSampleId :

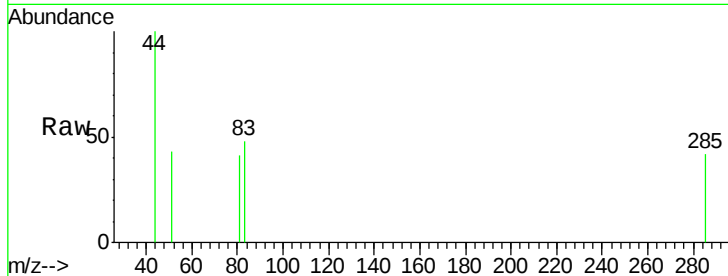
Tot Ion: 83 Resp: 213

Ion Ratio Lower Upper

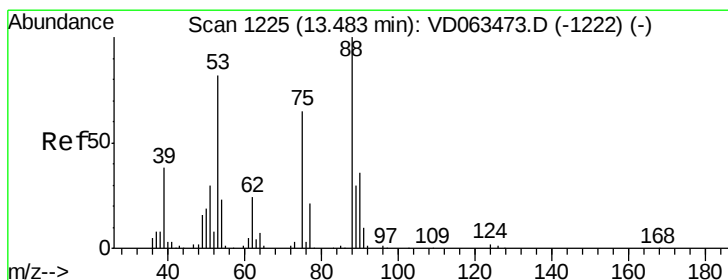
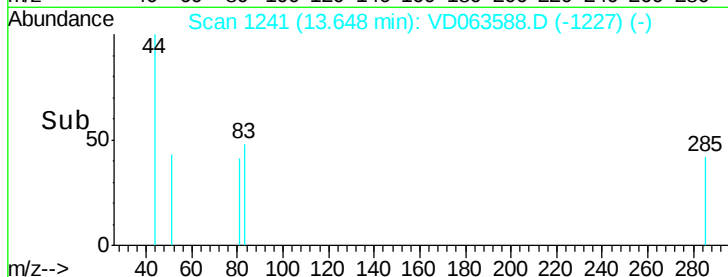
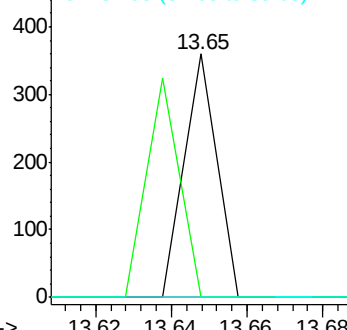
83 100

131 0.0 5.3 15.8#

85 0.0 31.4 94.3#



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 168.390 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

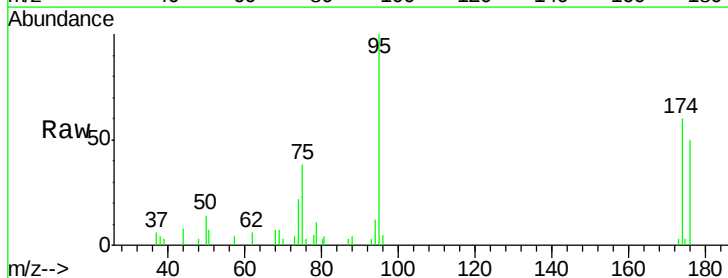
Tgt Ion: 75 Resp: 6606

Ion Ratio Lower Upper

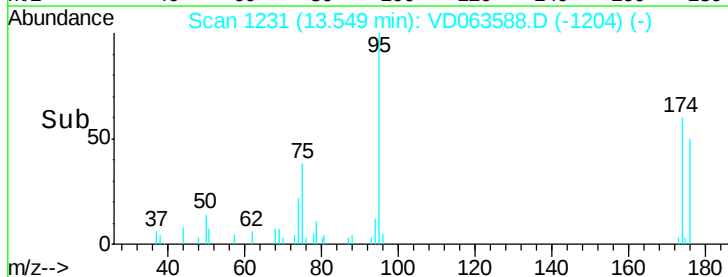
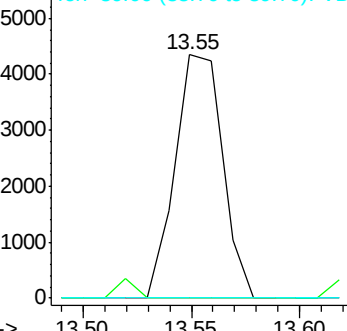
75 100

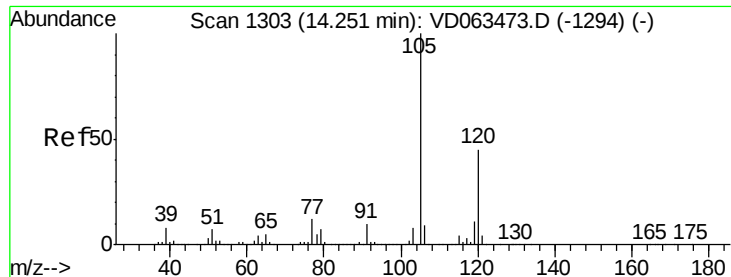
53 0.0 101.0 151.4#

89 0.0 37.0 55.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

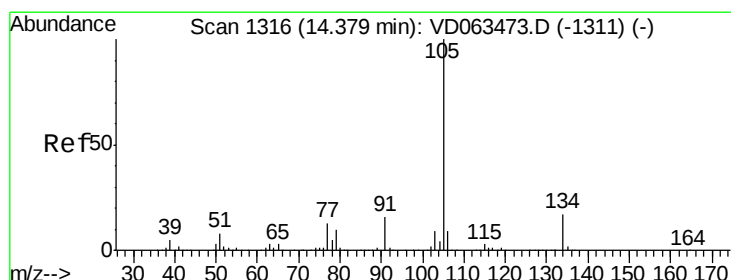
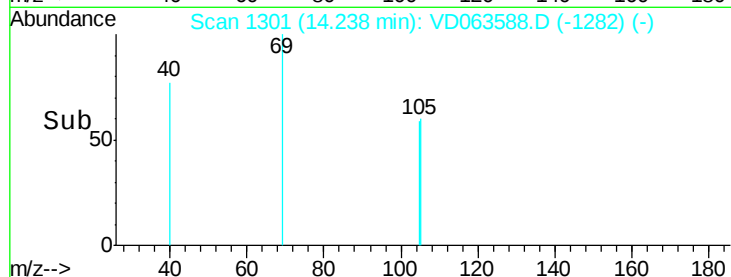
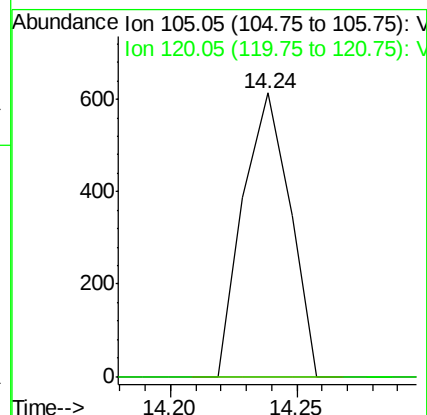
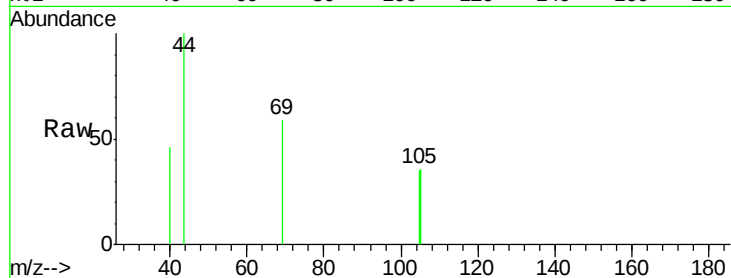




#84
 1,2,4-Trimethylbenzene
 Concen: 1.216 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

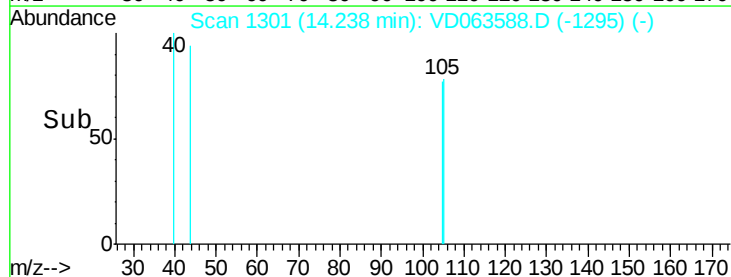
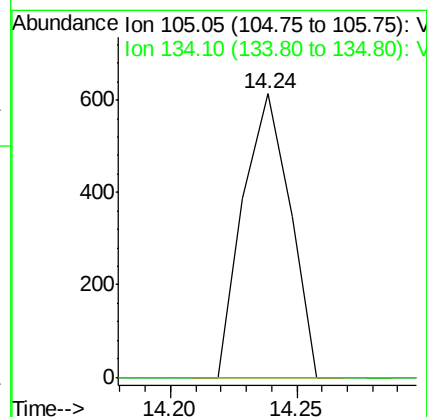
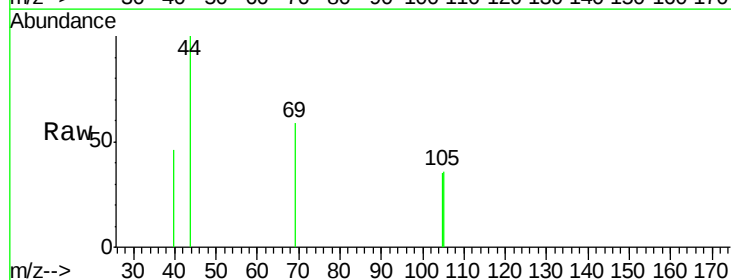
Instrument :
 MSVOA_D
 ClientSampleId :

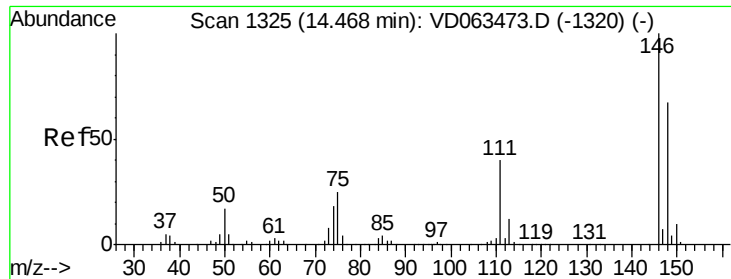
Tot Ion:105 Resp: 795
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.7 68.1#



#85
 sec-Butylbenzene
 Concen: 1.006 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.14 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Tgt Ion:105 Resp: 795
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.3 24.8#

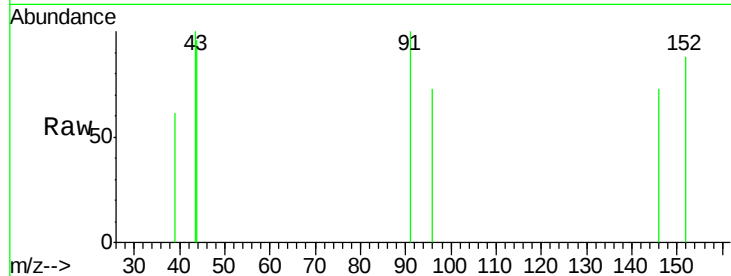




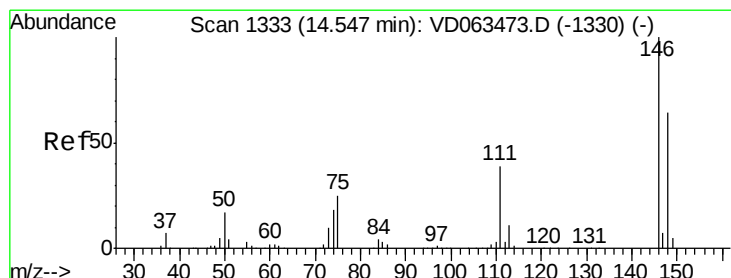
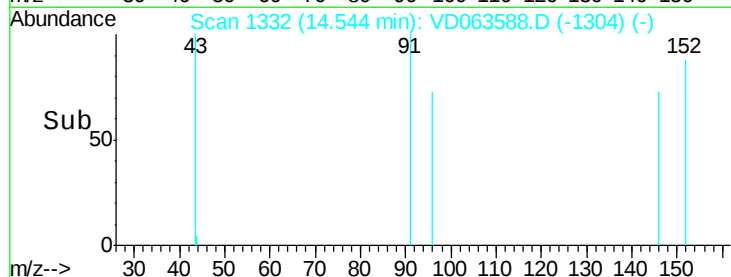
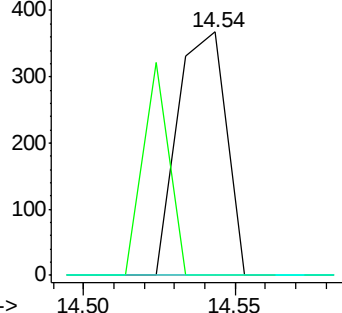
#87
 1,3-Dichlorobenzene
 Concen: 1.033 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.08 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 413
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 60.0#
 148 0.0 33.6 100.6#

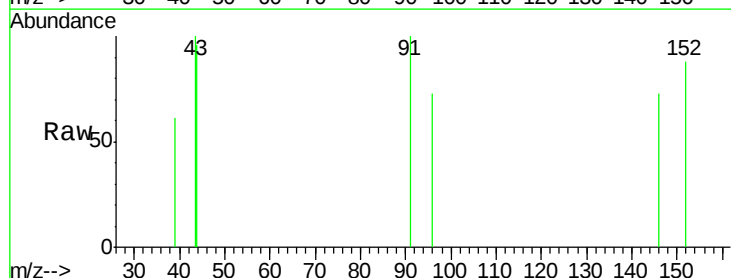


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

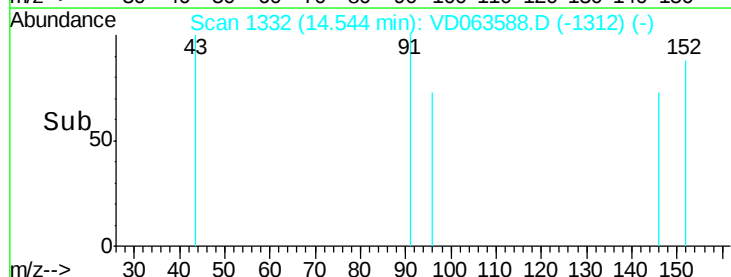
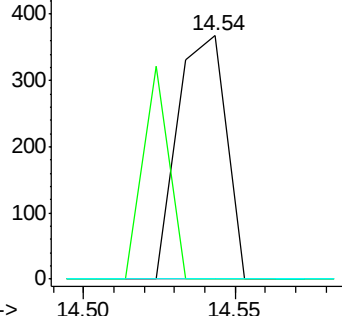


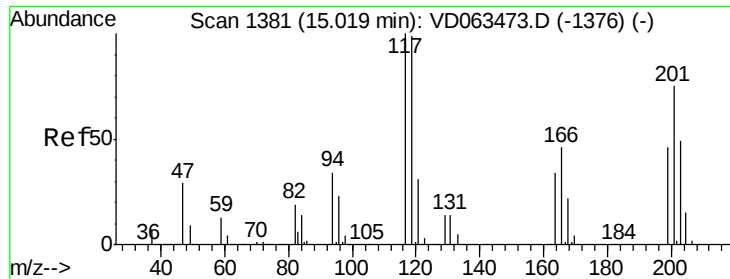
#88
 1,4-Dichlorobenzene
 Concen: 1.076 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Tgt Ion:146 Resp: 413
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.7 59.0#
 148 0.0 32.1 96.3#



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 1.000 ug/l

RT: 15.13 min Scan# 1392

Delta R.T. 0.12 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

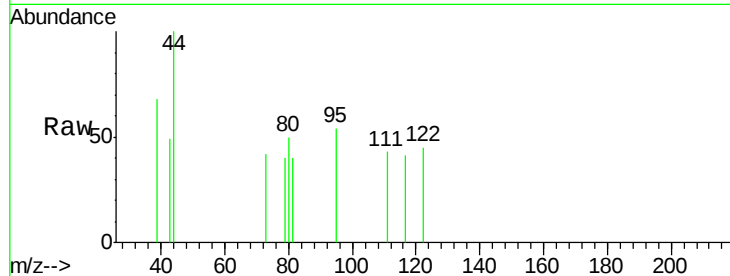
ClientSampleId :

Tot Ion:117 Resp: 190

Ion Ratio Lower Upper

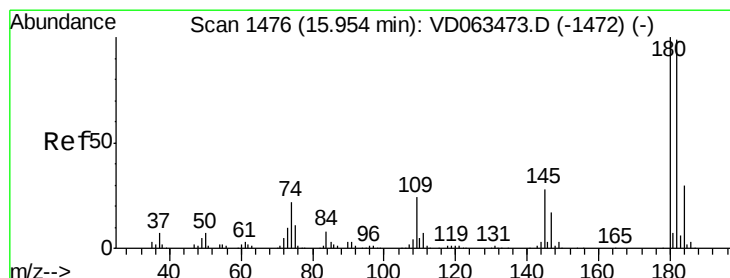
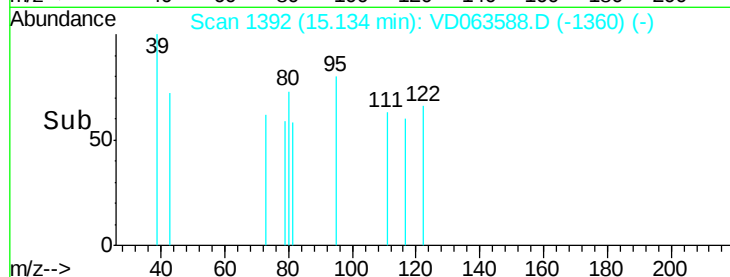
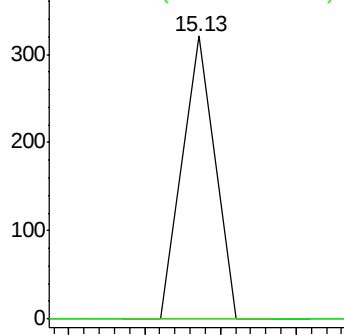
117 100

201 0.0 37.5 112.5#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#93

1,2,4-Trichlorobenzene

Concen: 1.158 ug/l

RT: 15.94 min Scan# 1474

Delta R.T. -0.01 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

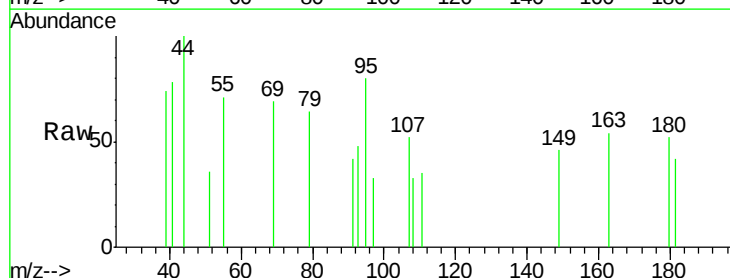
Tgt Ion:180 Resp: 289

Ion Ratio Lower Upper

180 100

182 79.4 49.7 149.1

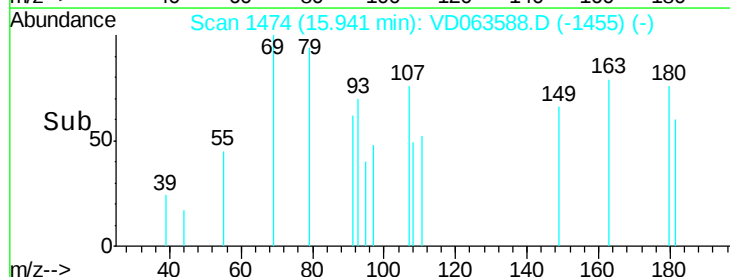
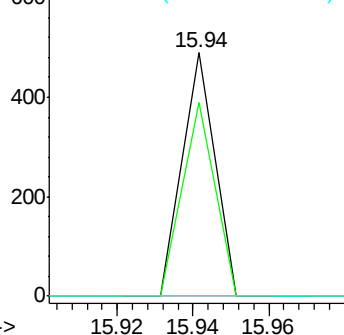
145 0.0 14.1 42.2#

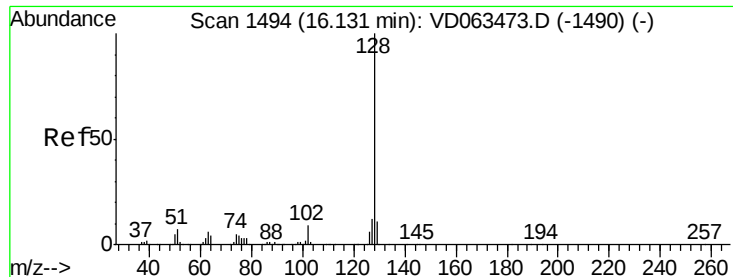


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V





#95

Naphthalene

Concen: 1.932 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD063588.D

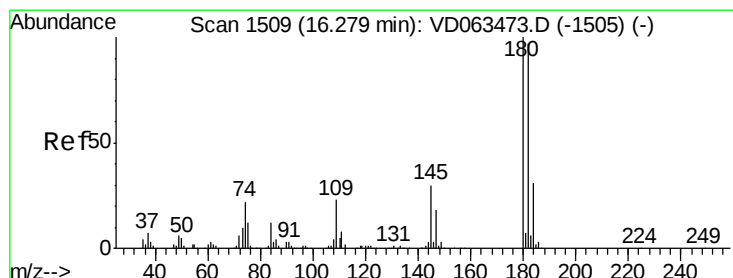
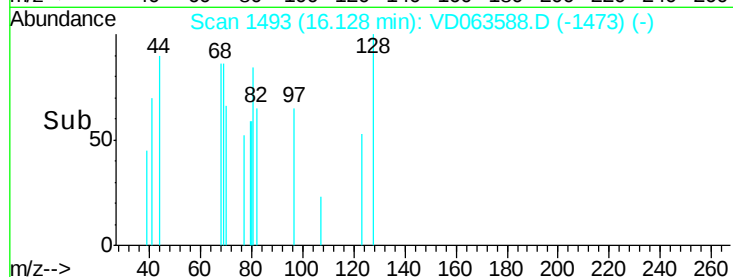
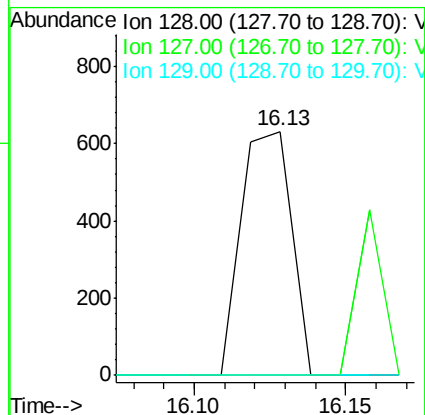
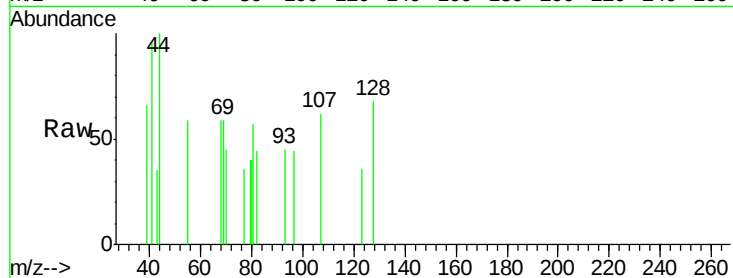
Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:	128	Resp:	731
Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.4	14.0#
129	0.0	8.5	12.7#



#96

1,2,3-Trichlorobenzene

Concen: 3.605 ug/l

RT: 16.28 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

Tgt Ion:	180	Resp:	727
Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.4	145.2#
145	0.0	14.9	44.9#

