

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063915.D
 Acq On : 10 Oct 2019 17:34
 Operator : VA/SY
 Sample : K5297-04
 Misc : 6.00G/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 11 07:40:36 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	33898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	62379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	61763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	32125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	23259	70.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.96%	
35) Dibromofluoromethane	7.93	113	19846	52.06	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	10.34	98	78806	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.64	95	26294	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

					Qvalue
3) Chloromethane	2.21	50	119	Below Cal	# 40
11) Tert butyl alcohol	5.24	59	777	26.727	ug/l # 92
13) Acrolein	3.69	56	190	6.446	ug/l # 51
16) Acetone	4.16	43	2610	30.376	ug/l 99
18) Methyl Acetate	4.73	43	435	2.588	ug/l # 49
19) Methyl tert-butyl Ether	5.49	73	2031	2.761	ug/l # 80
20) Methylene Chloride	4.96	84	273	Below Cal	# 33
25) 2-Butanone	7.23	43	1650	16.204	ug/l # 51
28) Bromochloromethane	7.54	49	85	2.226	ug/l # 10
29) Tetrahydrofuran	7.49	42	76	1.279	ug/l # 42
31) Cyclohexane	7.97	56	1256	Below Cal	# 78
37) Ethyl Acetate	7.29	43	192	Below Cal	# 62
38) Carbon Tetrachloride	7.98	117	3813	6.616	ug/l # 15
39) Methylcyclohexane	9.36	83	1292	1.842	ug/l # 43
41) Methacrylonitrile	7.55	41	158	1.195	ug/l # 57
48) Methyl methacrylate	9.48	41	345	1.505	ug/l # 22
49) 1,4-Dioxane	9.49	88	73	23.473	ug/l # 1
59) 2-Hexanone	11.24	43	216	1.204	ug/l 63
67) Ethyl Benzene	11.75	91	3092	1.382	ug/l # 80
68) m/p-Xylenes	11.84	106	1802	2.087	ug/l 94
73) Isopropylbenzene	12.48	105	3703	1.715	ug/l 88
76) 1,2,3-Trichloropropane	12.63	75	14253	66.242	ug/l # 100
78) n-propylbenzene	12.82	91	15334	6.049	ug/l 97
79) 2-Chlorotoluene	12.92	91	1536	1.099	ug/l # 38
80) 1,3,5-Trimethylbenzene	12.96	105	5411	3.003	ug/l 95
81) trans-1,4-Dichloro-2-buten	12.63	75	14253	117.222	ug/l # 12
83) tert-Butylbenzene	13.27	119	2789	1.739	ug/l # 65
84) 1,2,4-Trimethylbenzene	13.27	105	20068	10.804	ug/l 92
85) sec-Butylbenzene	13.40	105	3397	1.569	ug/l # 36
86) p-Isopropyltoluene	13.53	119	2134	1.041	ug/l # 50
89) n-Butylbenzene	13.84	91	13242	6.943	ug/l # 70
90) Hexachloroethane	14.12	117	15758	42.758	ug/l # 9
92) 1,2-Dibromo-3-Chloropropan	14.52	75	279	2.441	ug/l # 1
95) Naphthalene	15.40	128	93144	78.392	ug/l 98

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration

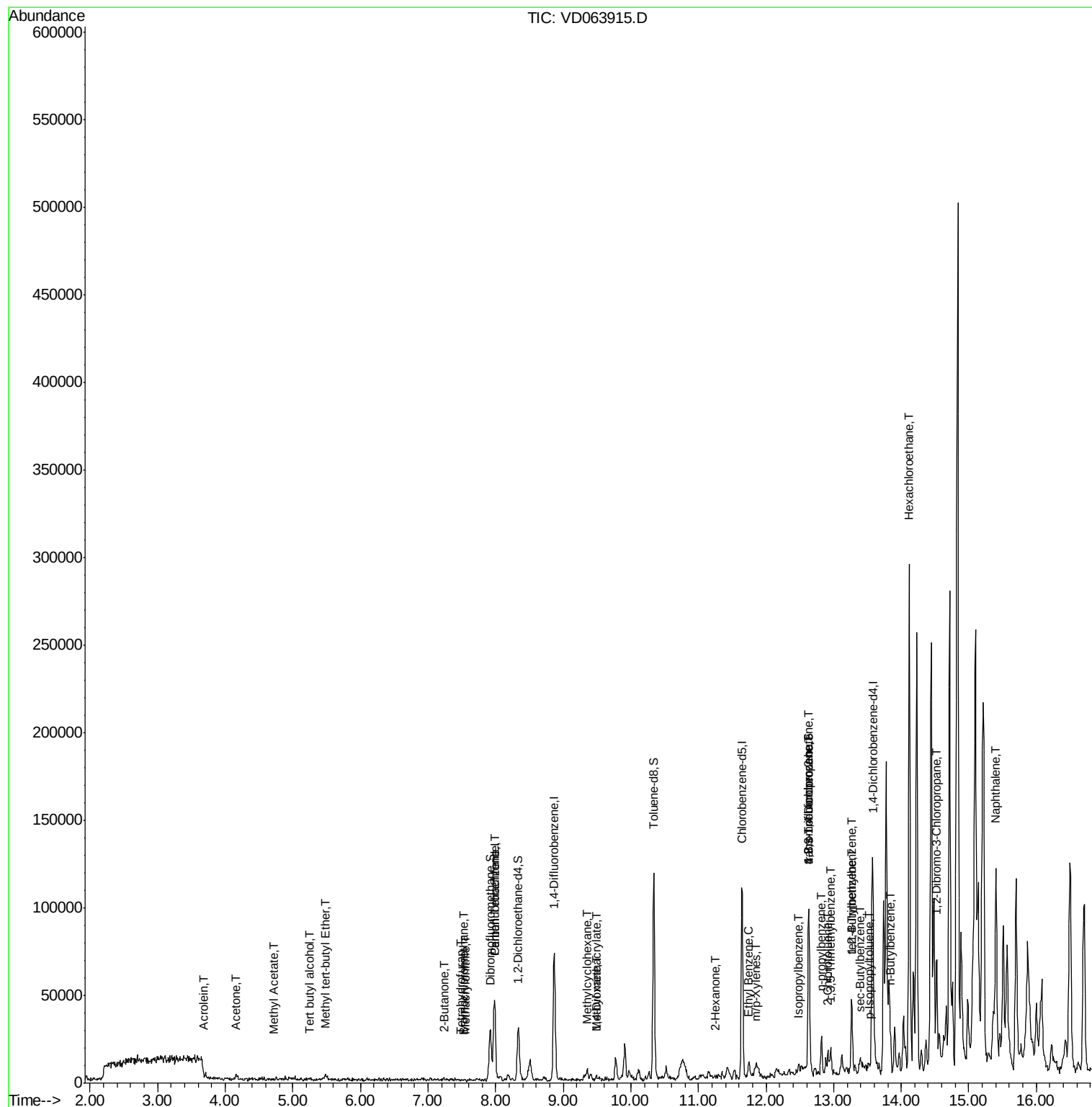
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

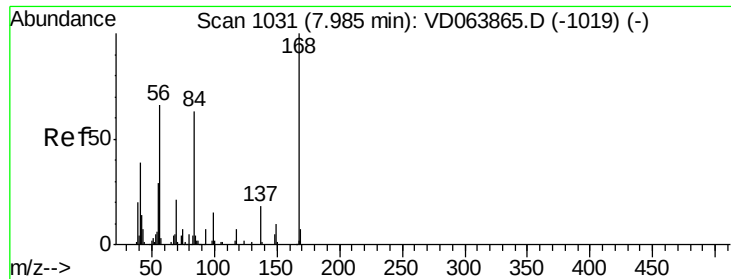
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

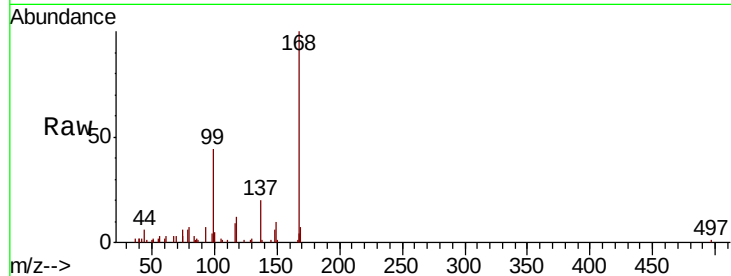
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 33898

Ion Ratio Lower Upper

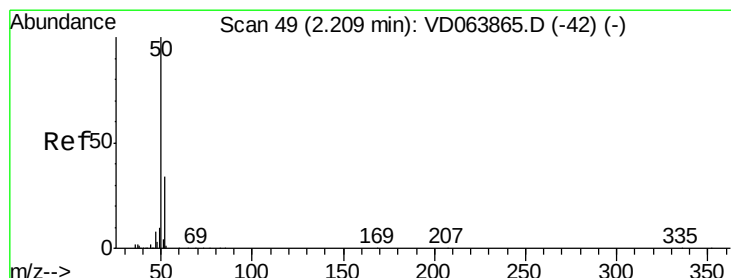
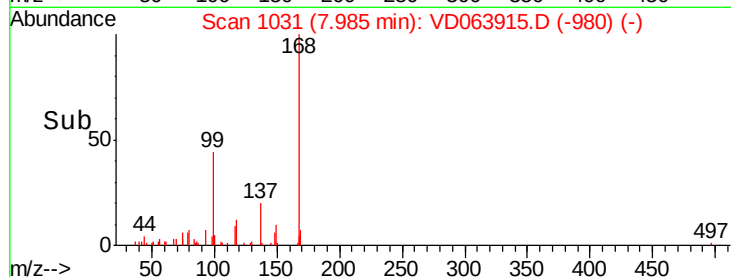
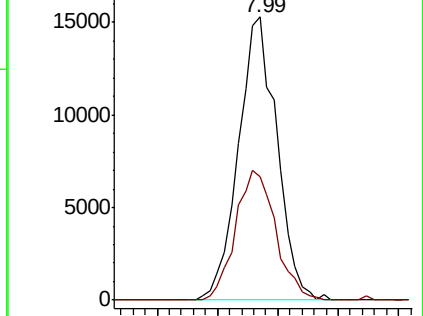
168 100

99 43.5 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: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD063915.D

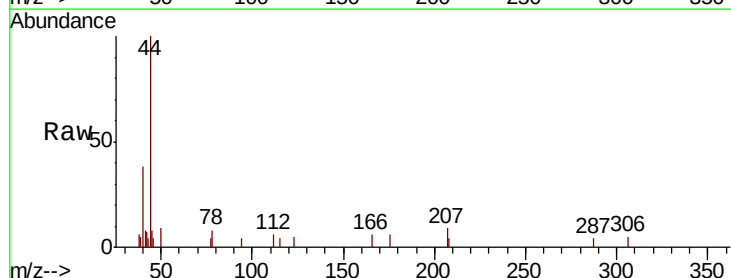
Acq: 10 Oct 2019 17:34

Tgt Ion: 50 Resp: 119

Ion Ratio Lower Upper

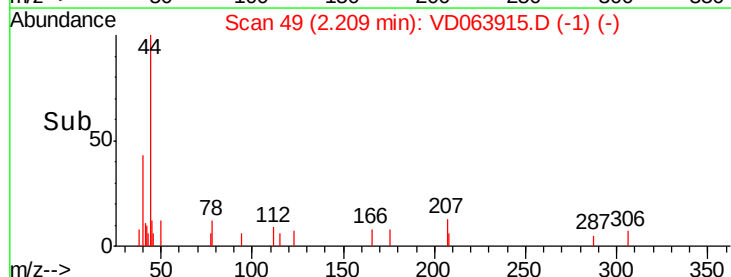
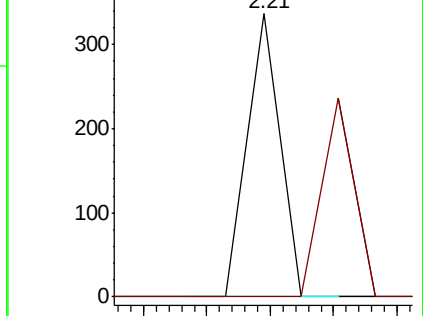
50 100

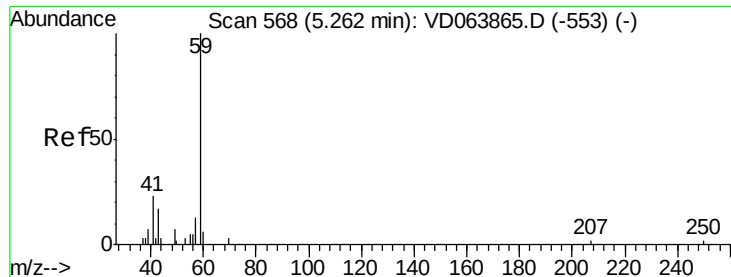
52 0.0 27.5 41.3#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

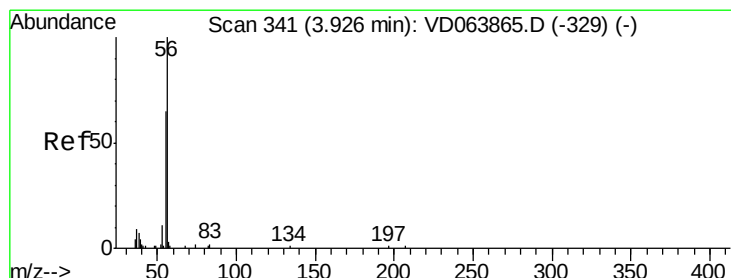
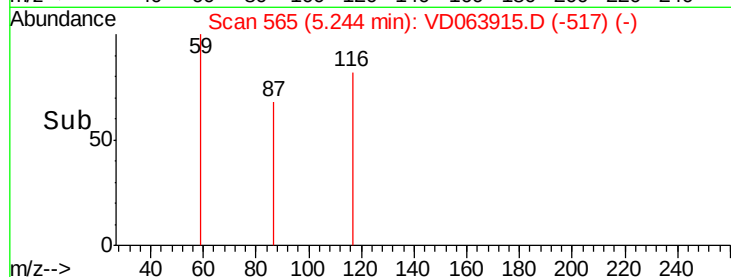
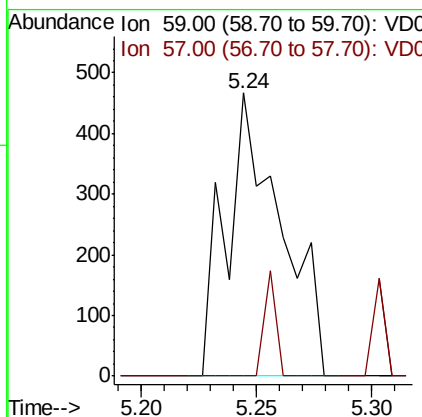
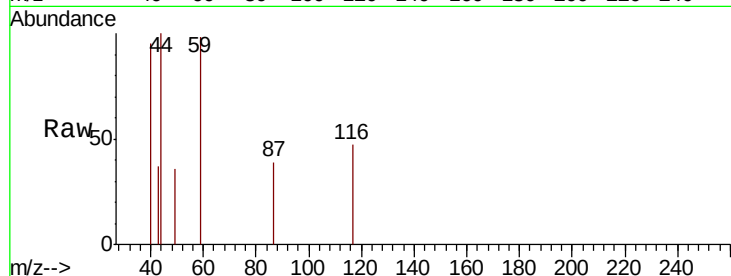




#11
Tert butyl alcohol
Concen: 26.727 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.02 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

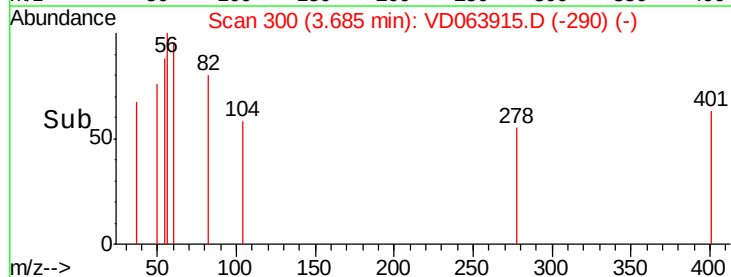
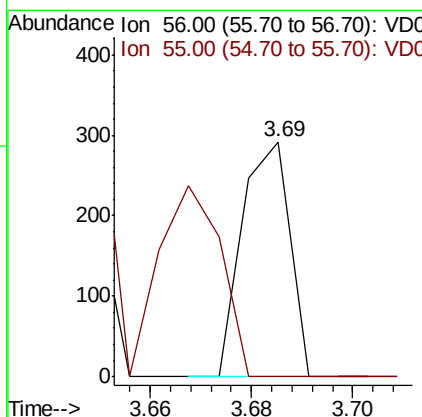
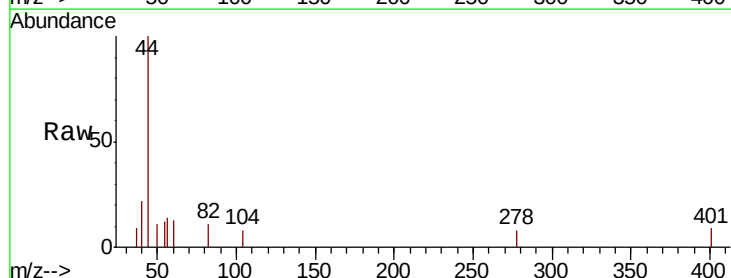
Instrument :
MSVOA_D
ClientSampled :

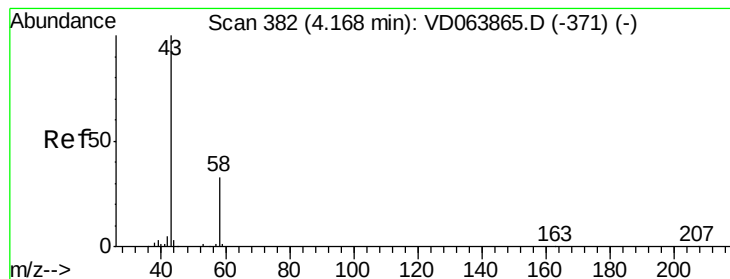
Tot Ion: 59 Resp: 777
Ion Ratio Lower Upper
59 100
57 7.9 8.8 13.2#



#13
Acrolein
Concen: 6.446 ug/l
RT: 3.69 min Scan# 300
Delta R.T. -0.24 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 105.3 53.0 79.6#





#16

Acetone

Concen: 30.376 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :

MSVOA_D

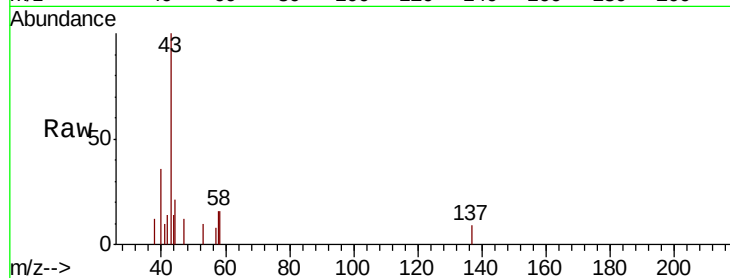
ClientSampled :

Tot Ion: 43 Resp: 2610

Ion Ratio Lower Upper

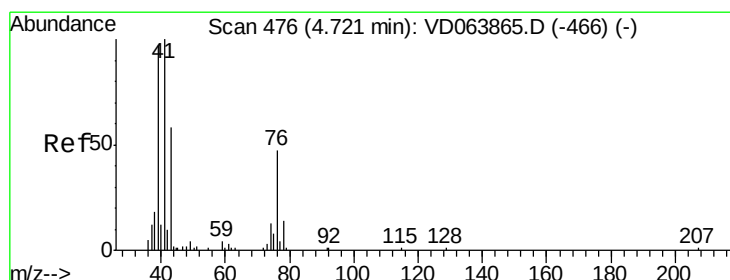
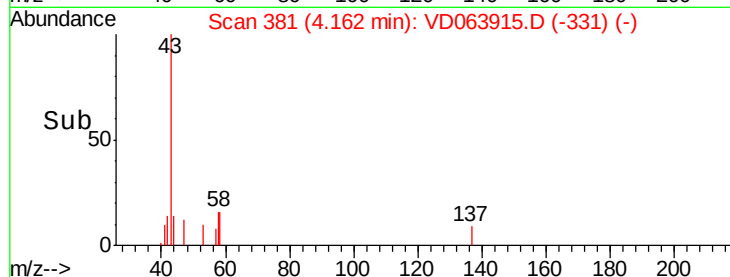
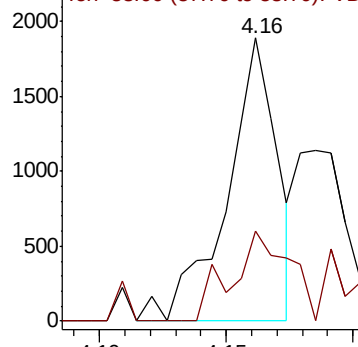
43 100

58 32.0 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: 2.588 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD063915.D

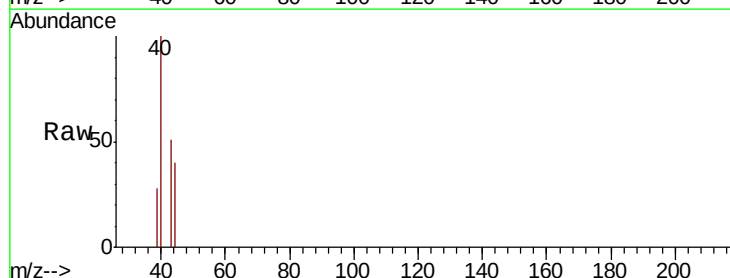
Acq: 10 Oct 2019 17:34

Tgt Ion: 43 Resp: 435

Ion Ratio Lower Upper

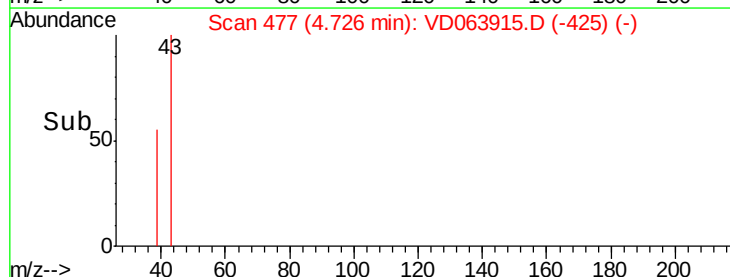
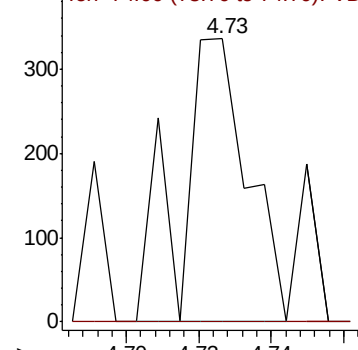
43 100

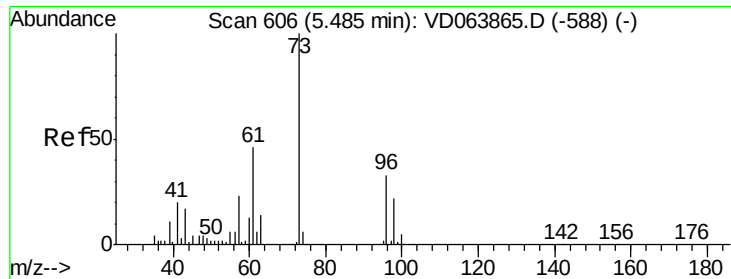
74 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



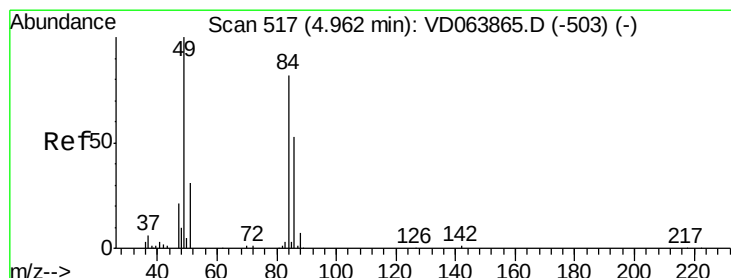
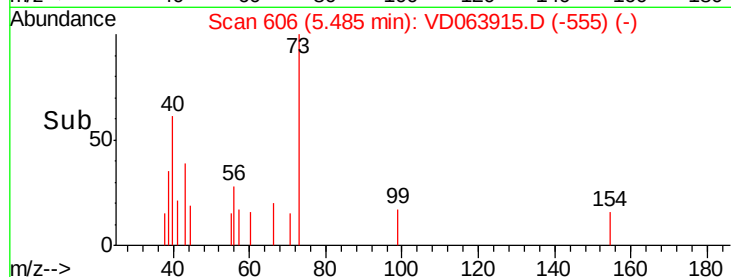
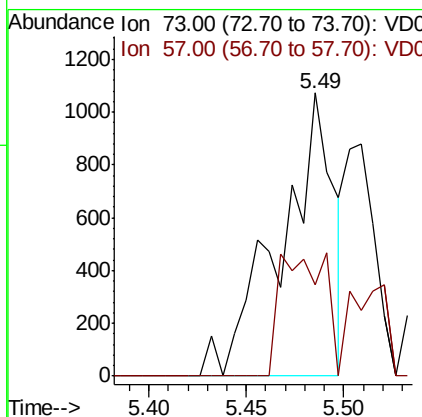
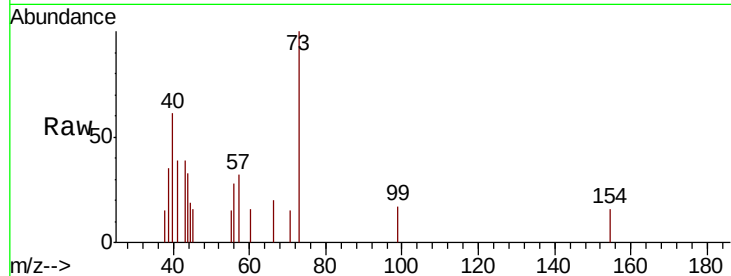


#19

Methyl tert-butyl Ether
 Concen: 2.761 ug/l
 RT: 5.49 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VD063915.D
 Acq: 10 Oct 2019 17:34

Instrument :
 MSVOA_D
 ClientSampleID :

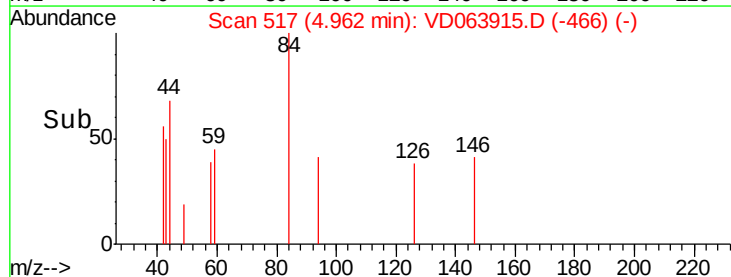
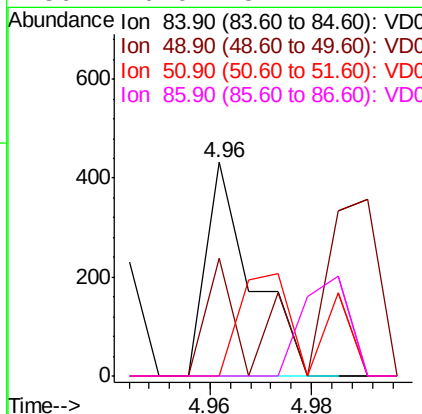
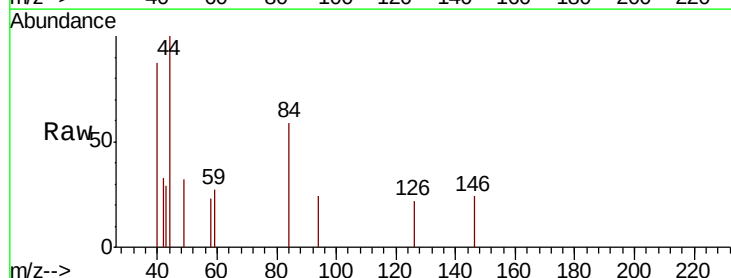
Tot Ion: 73 Resp: 2031
 Ion Ratio Lower Upper
 73 100
 57 32.5 18.1 27.1#

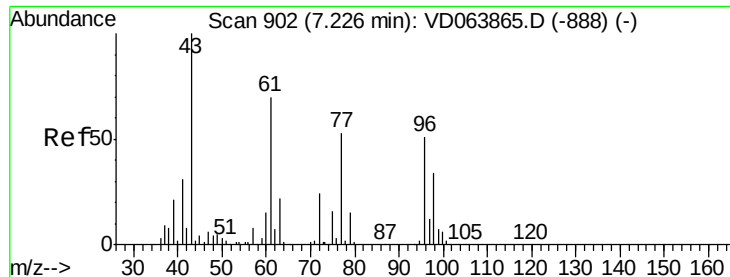


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD063915.D
 Acq: 10 Oct 2019 17:34

Tgt Ion: 84 Resp: 273
 Ion Ratio Lower Upper
 84 100
 49 54.9 97.3 145.9#
 51 0.0 30.1 45.1#
 86 0.0 51.4 77.2#





#25

2-Butanone

Concen: 16.204 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :

MSVOA_D

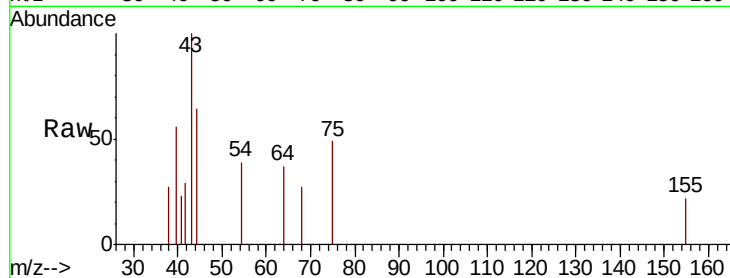
ClientSampled :

Tot Ion: 43 Resp: 1650

Ion Ratio Lower Upper

43 100

72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.23

600

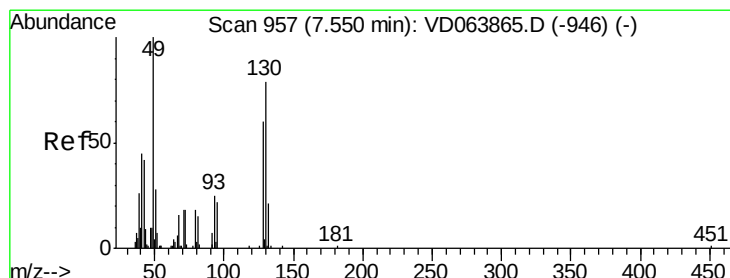
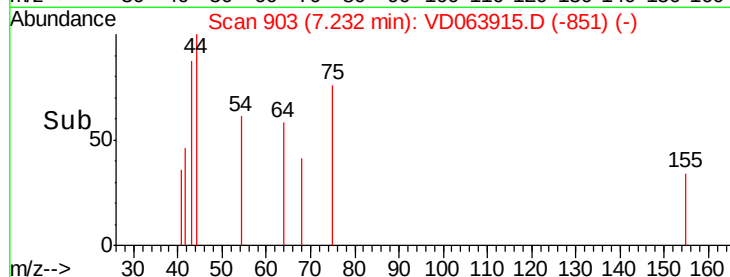
400

200

0

7.15 7.20 7.25

Time-->



#28

Bromochloromethane

Concen: 2.226 ug/l

RT: 7.54 min Scan# 955

Delta R.T. -0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

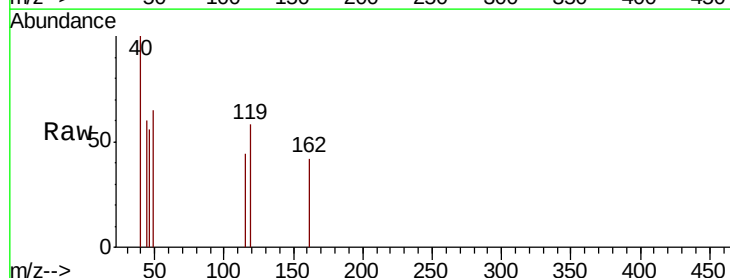
Tgt Ion: 49 Resp: 85

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.6

130 0.0 66.8 100.2#



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

300

250

200

150

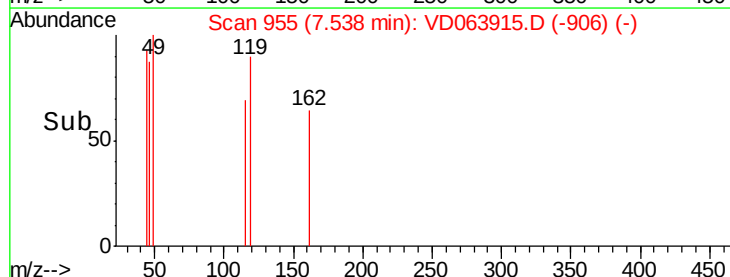
100

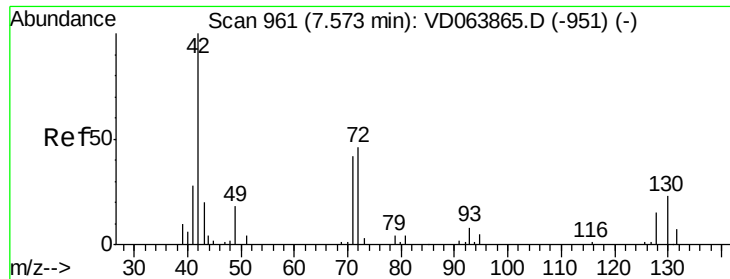
50

0

7.52 7.53 7.54 7.55

Time-->

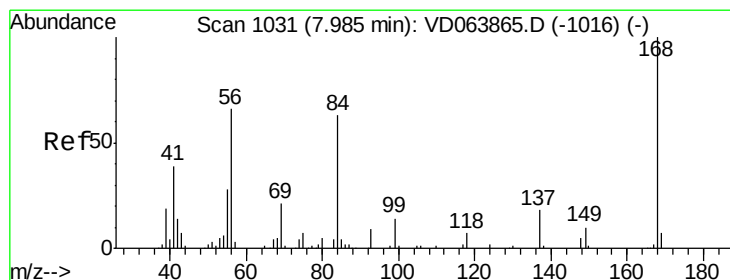
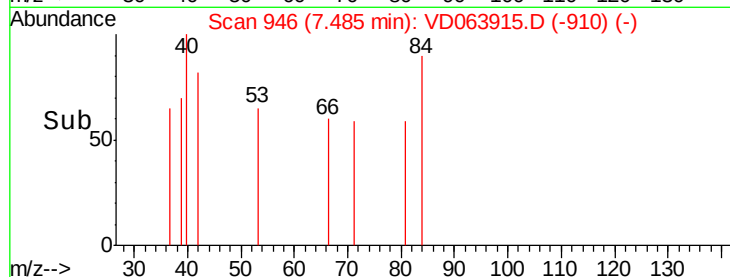
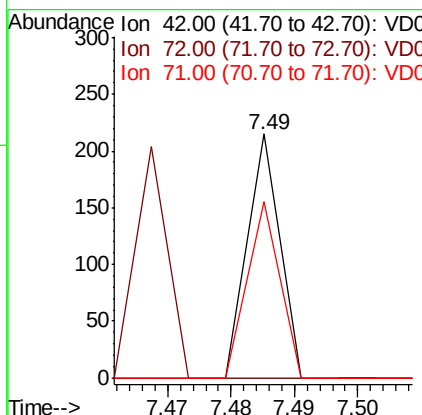
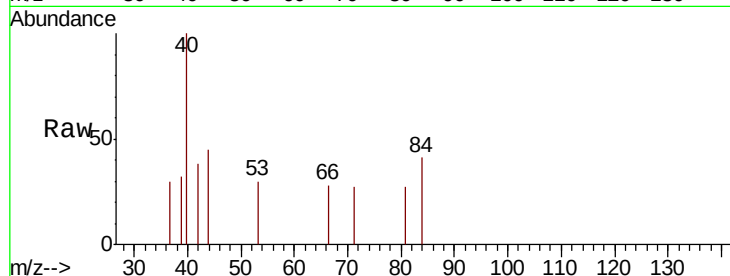




#29
Tetrahydrofuran
Concen: 1.279 ug/l
RT: 7.49 min Scan# 946
Delta R.T. -0.09 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

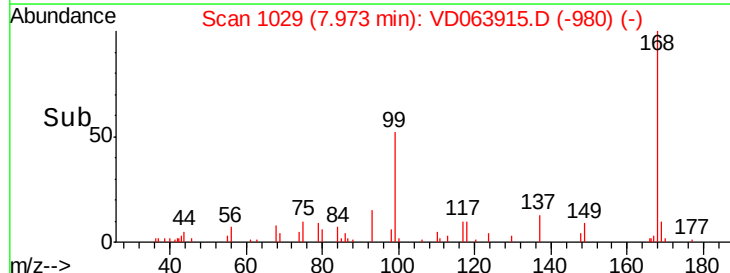
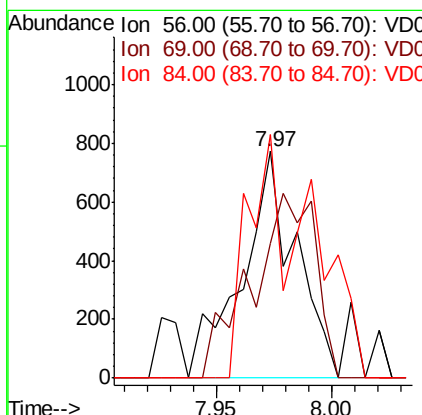
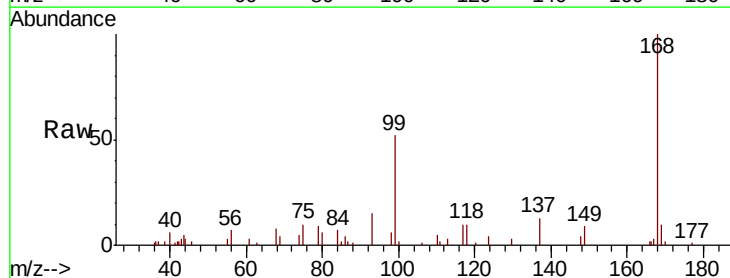
Instrument :
MSVOA_D
ClientSampled :

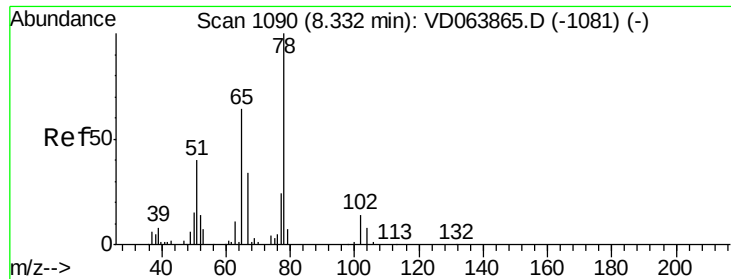
Tot Ion: 42 Resp: 76
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 72.4 35.0 52.6#



#31
Cyclohexane
Concen: Below Cal
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

Tgt Ion: 56 Resp: 1256
Ion Ratio Lower Upper
56 100
69 59.2 25.0 37.4#
84 107.4 76.3 114.5

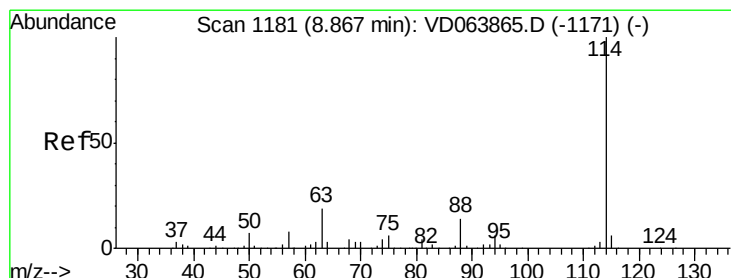
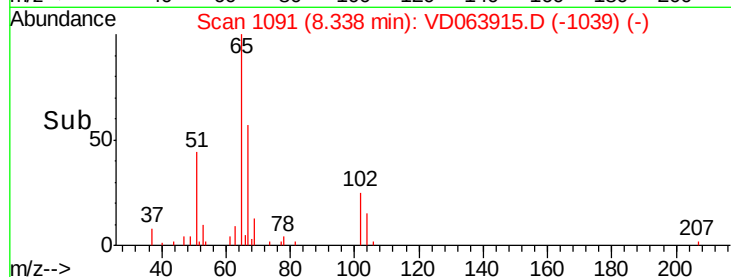
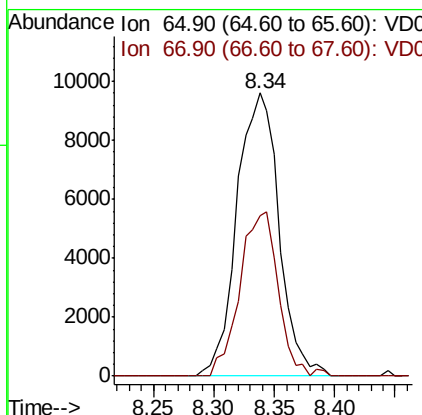
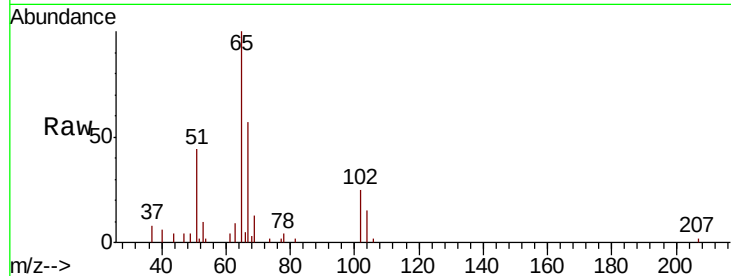




#33
 1,2-Dichloroethane-d4
 Concen: 70.477 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD063915.D
 Acq: 10 Oct 2019 17:34

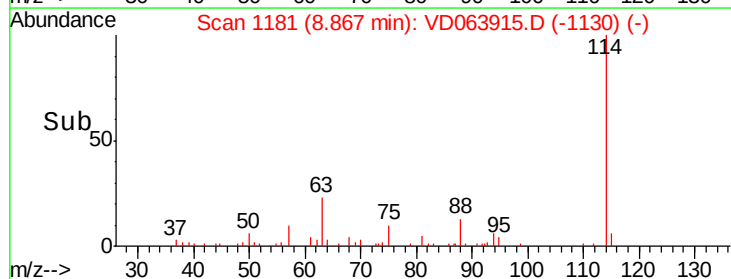
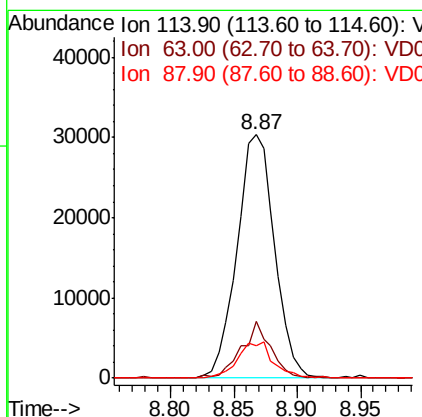
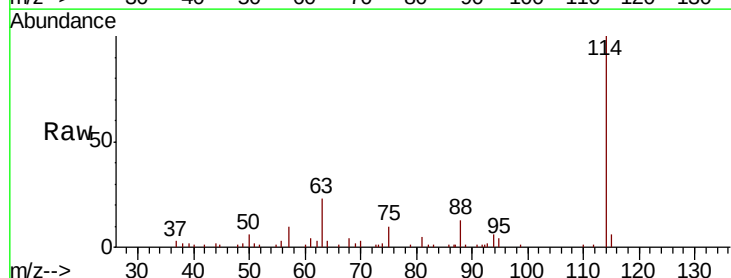
Instrument :
 MSVOA_D
 ClientSampleId :

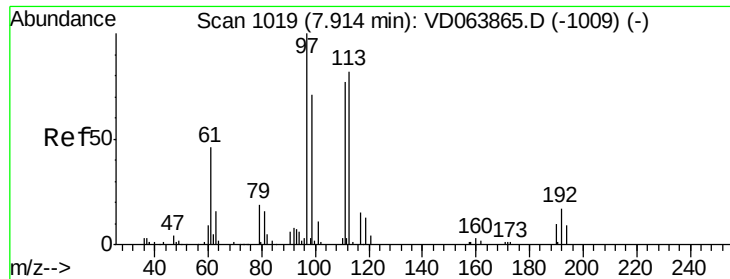
Tot Ion: 65 Resp: 23259
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD063915.D
 Acq: 10 Oct 2019 17:34

Tgt Ion: 114 Resp: 62379
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 38.4
 88 13.3 0.0 27.4





#35

Dibromofluoromethane

Concen: 52.060 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :
MSVOA_D
ClientSampleId :

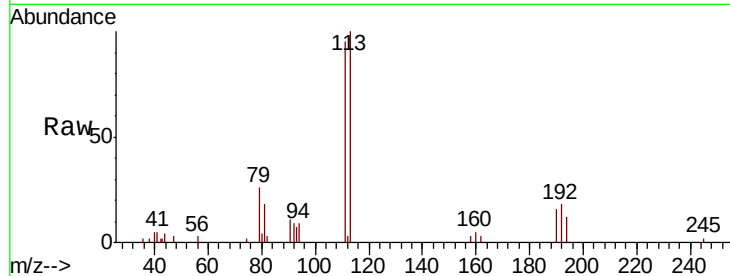
Tot Ion:113 Resp: 19846

Ion Ratio Lower Upper

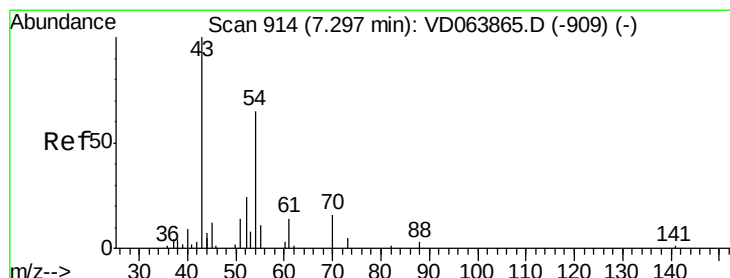
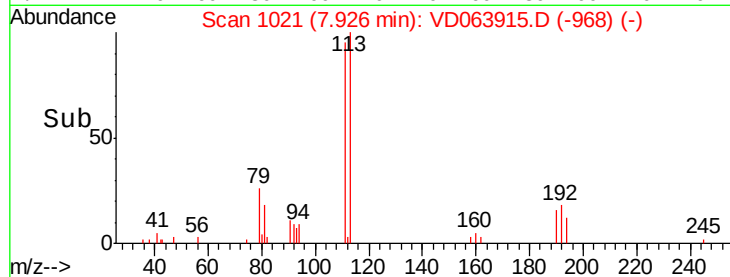
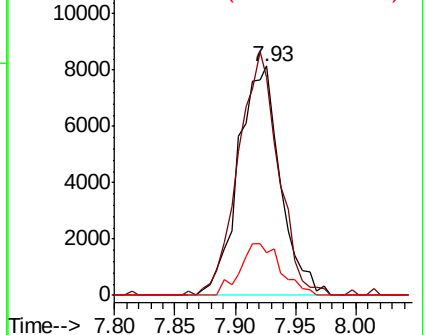
113 100

111 101.7 82.6 123.8

192 21.7 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



#37

Ethyl Acetate

Concen: Below Cal

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

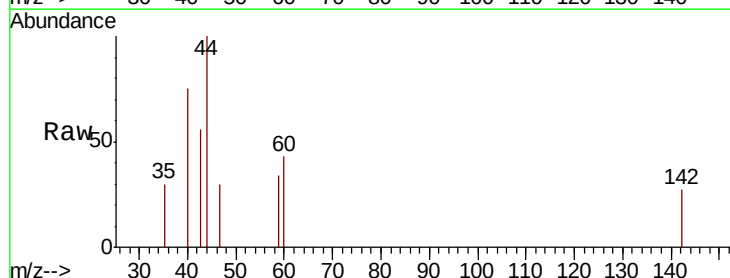
Tgt Ion: 43 Resp: 192

Ion Ratio Lower Upper

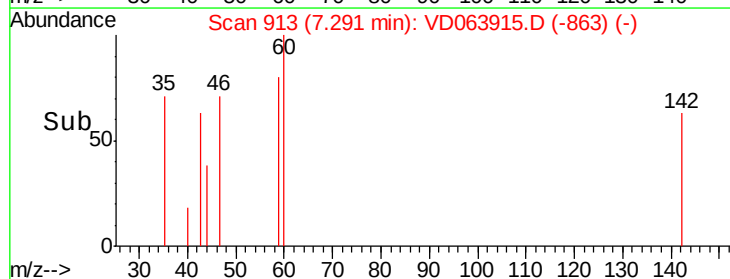
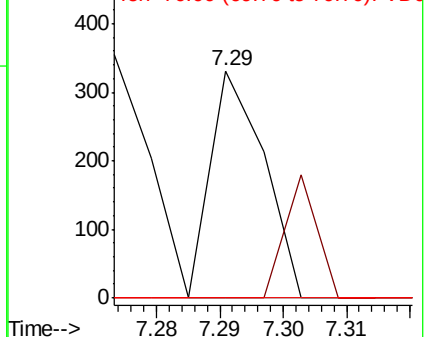
43 100

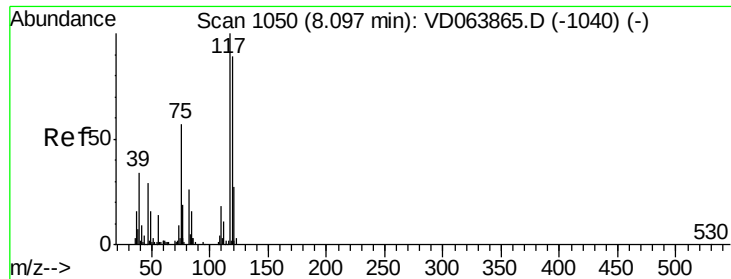
61 32.8 11.5 17.3#

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

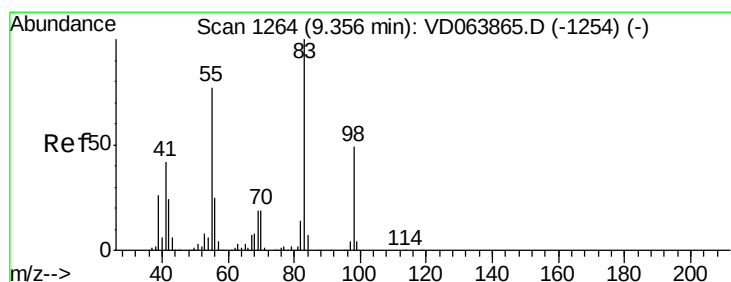
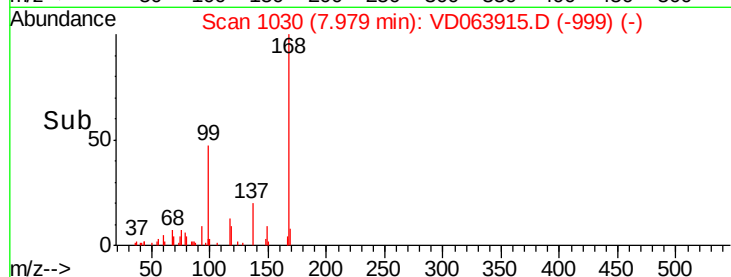
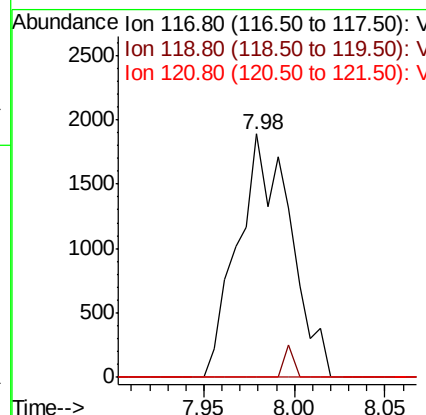
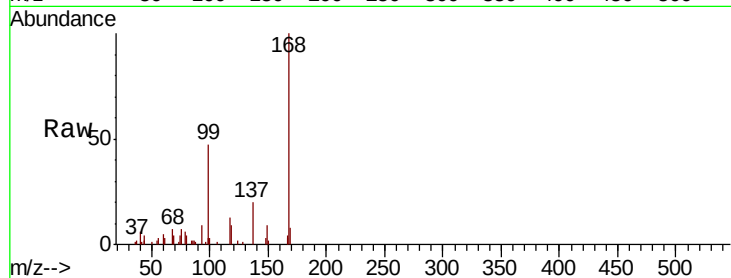




#38
Carbon Tetrachloride
Concen: 6.616 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

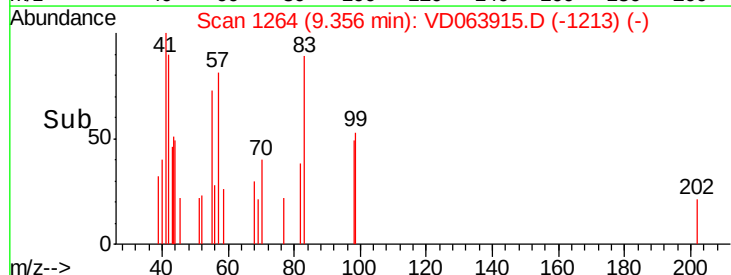
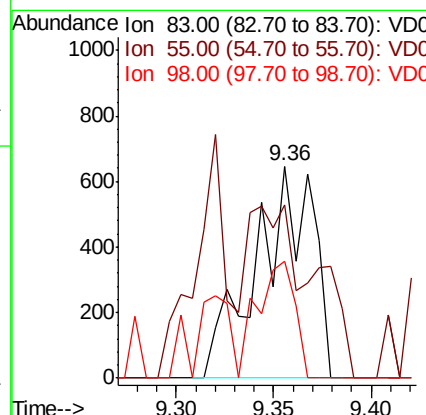
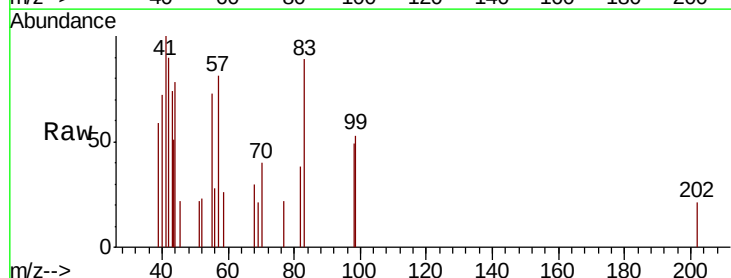
Instrument :
MSVOA_D
ClientSampleId :

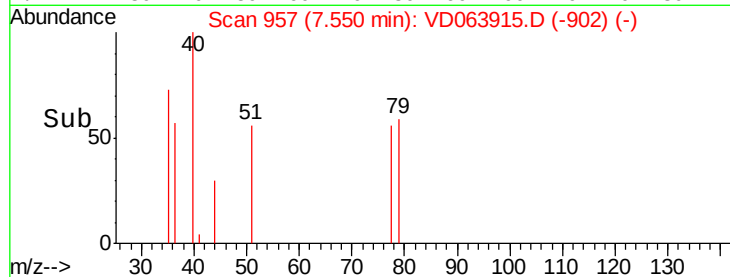
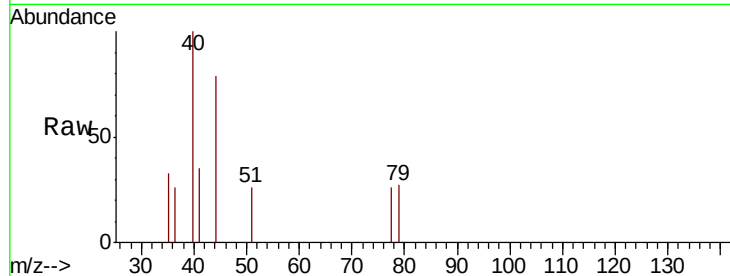
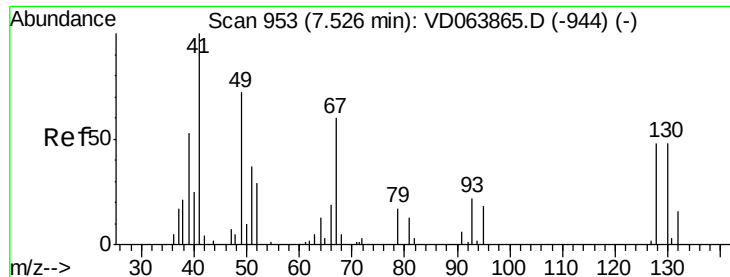
Tot Ion:117 Resp: 3813
Ion Ratio Lower Upper
117 100
119 0.0 70.8 106.2#
121 0.0 21.4 32.0#



#39
Methylcyclohexane
Concen: 1.842 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

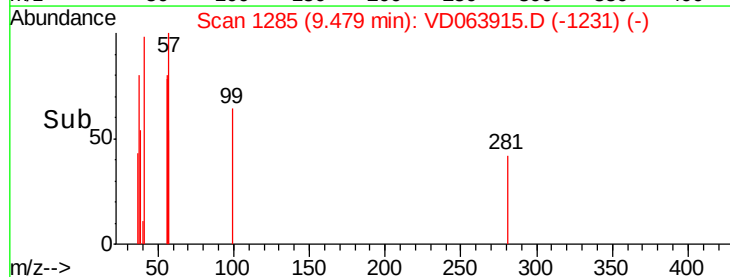
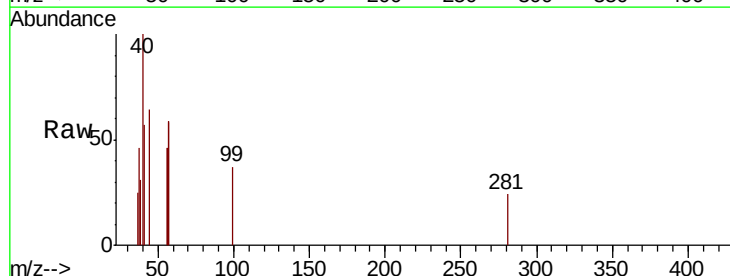
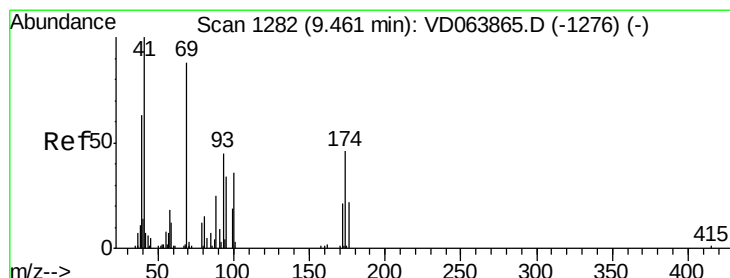
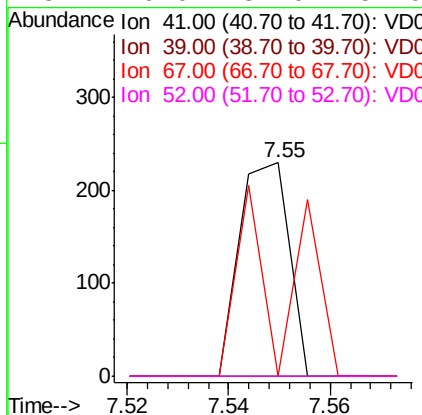
Tgt Ion: 83 Resp: 1292
Ion Ratio Lower Upper
83 100
55 48.8 61.3 91.9#
98 114.6 39.3 58.9#





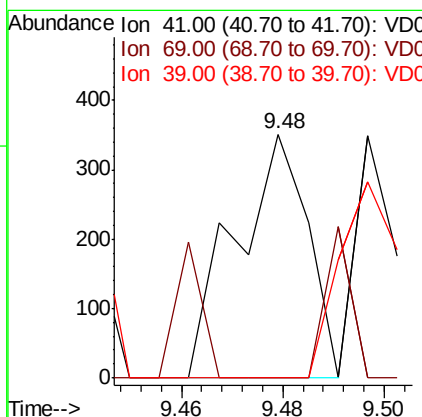
#41
Methacrylonitrile
Concen: 1.195 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.02 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

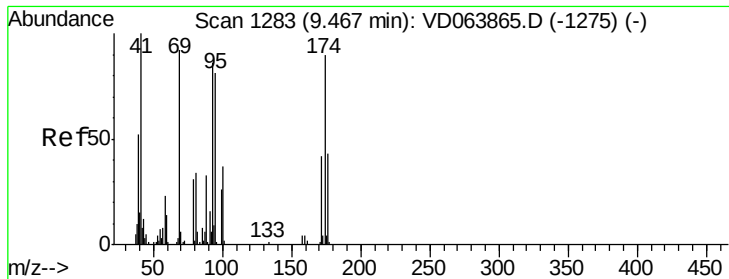
Tot Ion: 41 Resp: 158
Ion Ratio Lower Upper
41 100
39 0.0 52.6 78.8#
67 88.6 74.2 111.2
52 0.0 34.0 51.0#



#48
Methyl methacrylate
Concen: 1.505 ug/l
RT: 9.48 min Scan# 1285
Delta R.T. 0.02 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

Tgt Ion: 41 Resp: 345
Ion Ratio Lower Upper
41 100
69 20.0 75.1 112.7#
39 0.0 50.2 75.2#





#49

1,4-Dioxane

Concen: 23.473 ug/l

RT: 9.49 min Scan# 1287

Delta R.T. 0.02 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :
MSVOA_D
ClientSampleId :

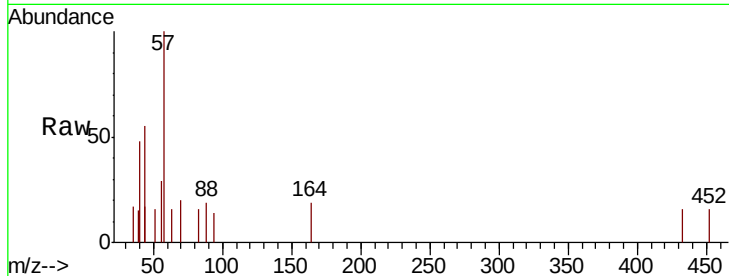
Tot Ion: 88 Resp: 73

Ion Ratio Lower Upper

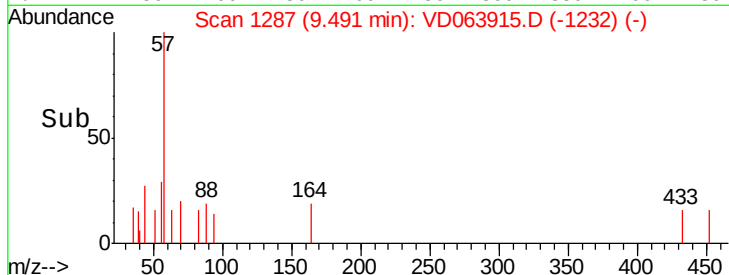
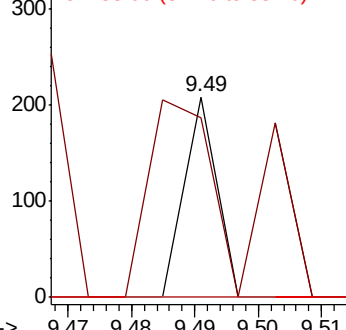
88 100

43 276.7 27.6 41.4#

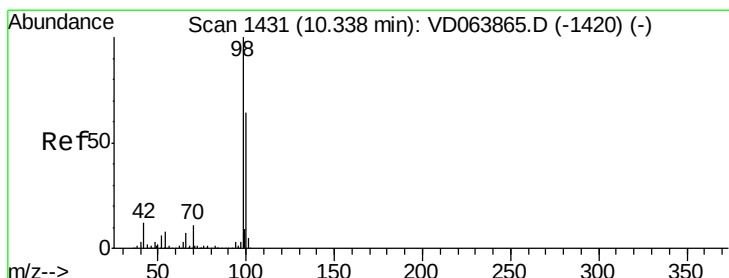
58 0.0 54.1 81.1#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



Time-->



#50

Toluene-d8

Concen: 50.931 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD063915.D

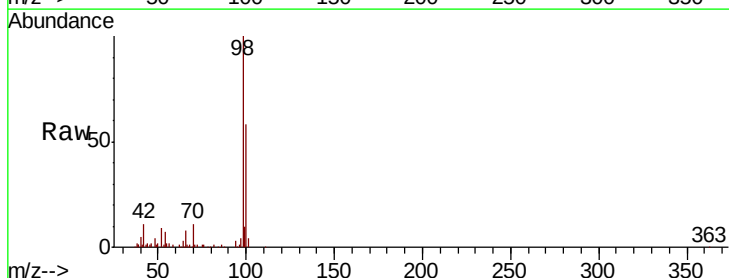
Acq: 10 Oct 2019 17:34

Tgt Ion: 98 Resp: 78806

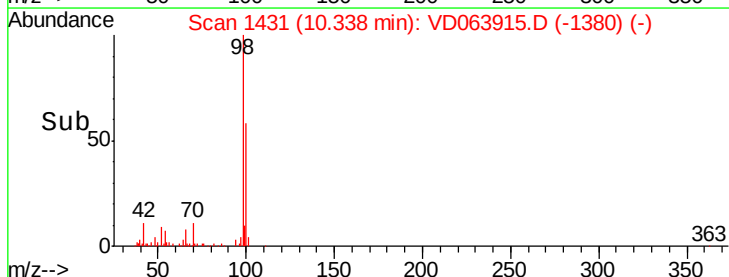
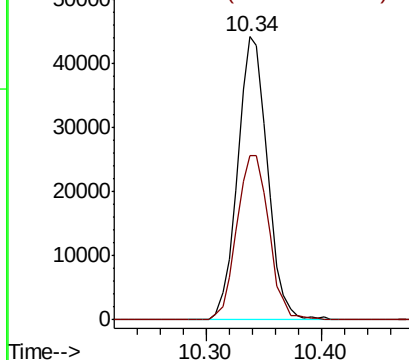
Ion Ratio Lower Upper

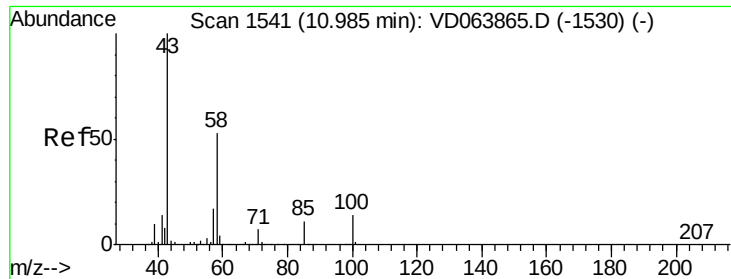
98 100

100 62.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#59

2-Hexanone

Concen: 1.204 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. 0.26 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :

MSVOA_D

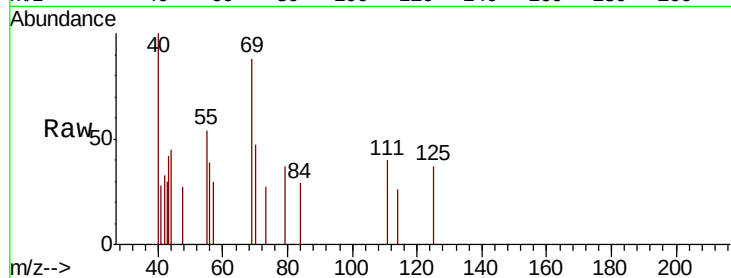
ClientSampled :

Tot Ion: 43 Resp: 216

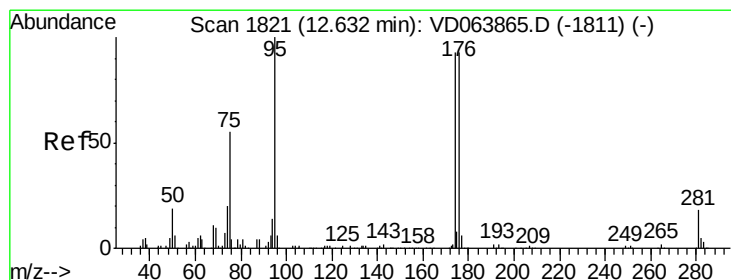
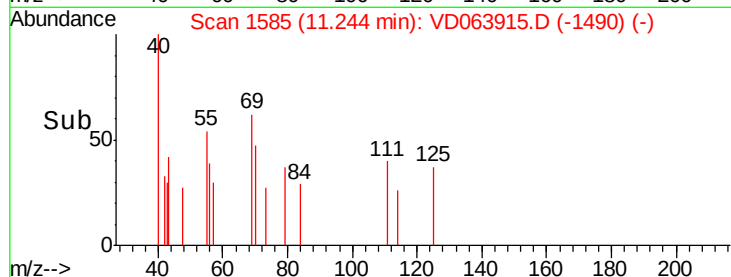
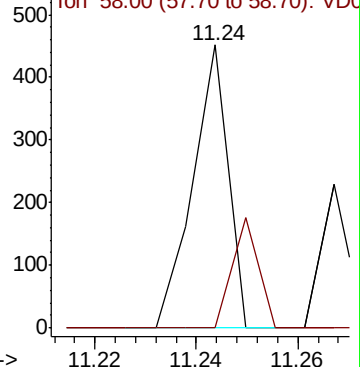
Ion Ratio Lower Upper

43 100

58 28.7 27.7 83.0



Abundance Ion 43.00 (42.70 to 43.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.902 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

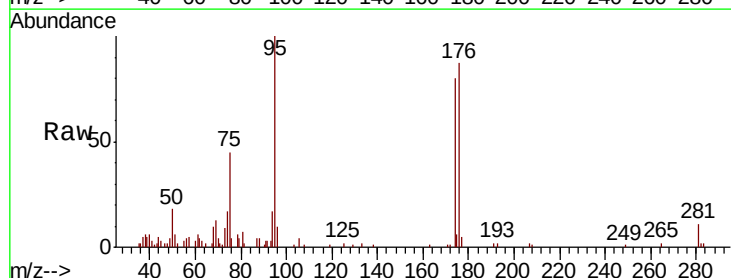
Tgt Ion: 95 Resp: 26294

Ion Ratio Lower Upper

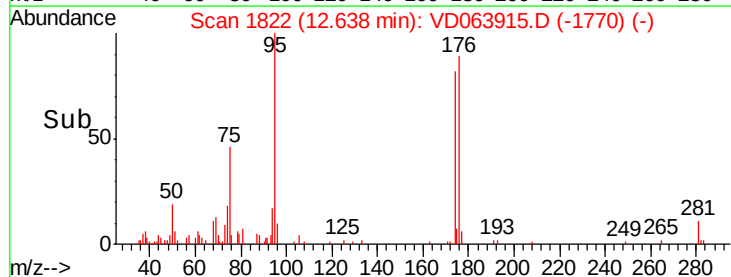
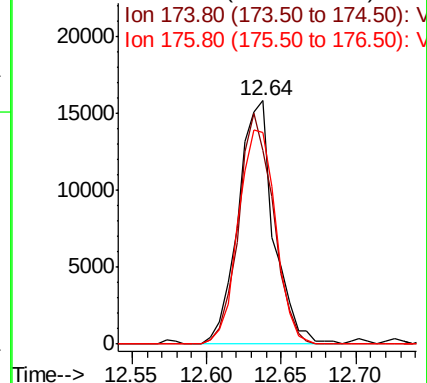
95 100

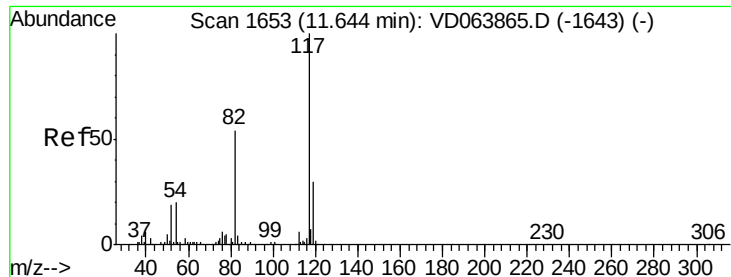
174 92.2 0.0 186.4

176 92.0 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

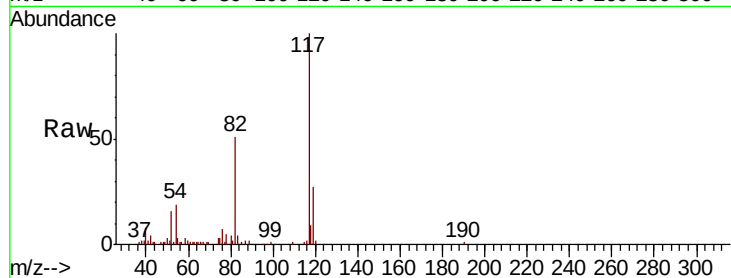
Tot Ion:117 Resp: 61763

Ion Ratio Lower Upper

117 100

82 50.9 42.8 64.2

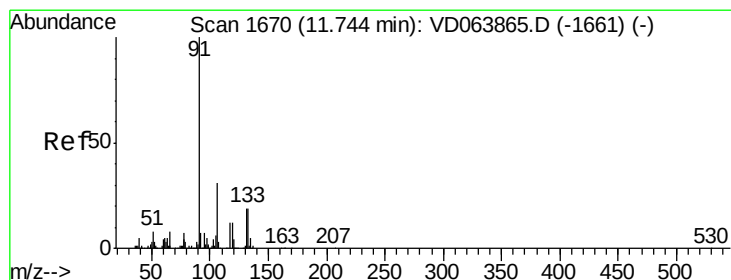
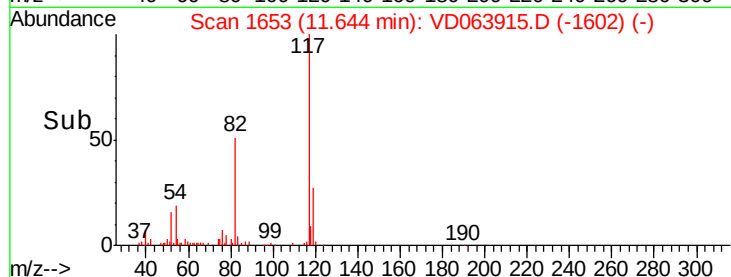
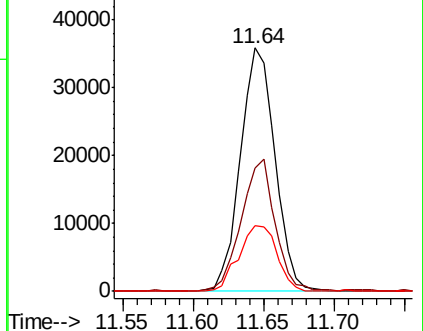
119 26.9 24.4 36.6



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



#67

Ethyl Benzene

Concen: 1.382 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VD063915.D

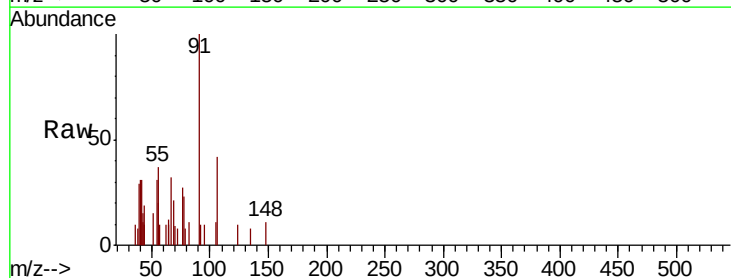
Acq: 10 Oct 2019 17:34

Tgt Ion: 91 Resp: 3092

Ion Ratio Lower Upper

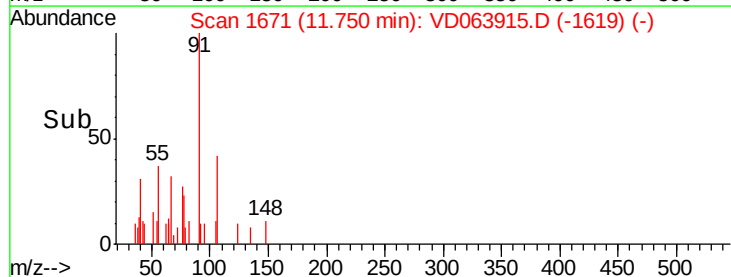
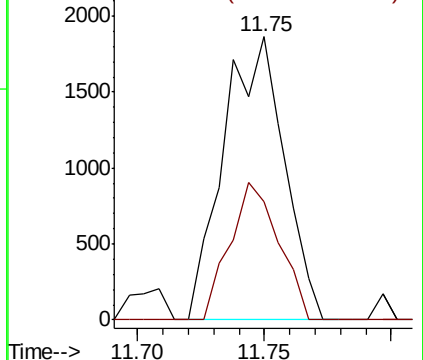
91 100

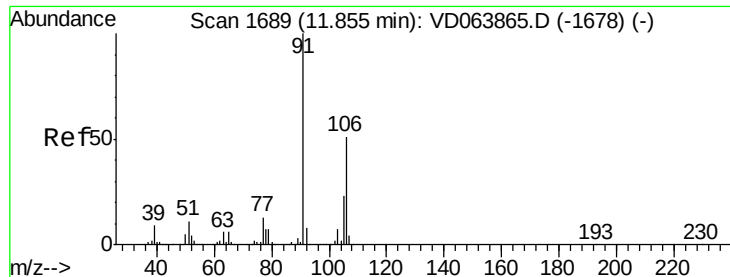
106 41.8 24.6 37.0#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

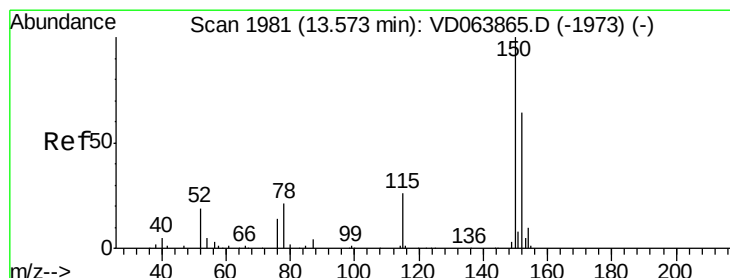
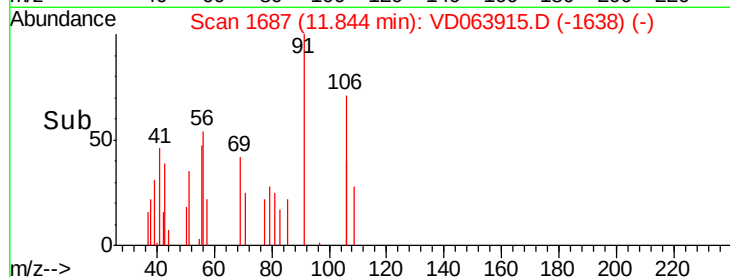
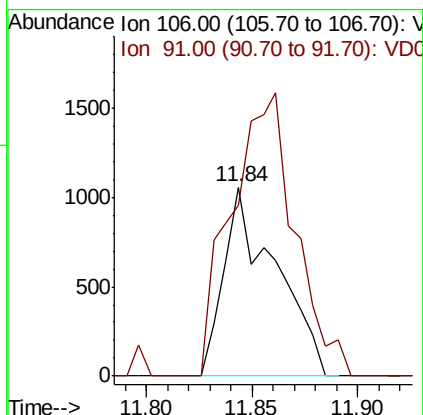
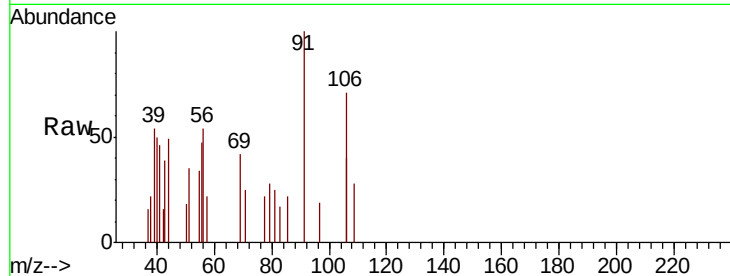




#68
m/p-Xylenes
Concen: 2.087 ug/l
RT: 11.84 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

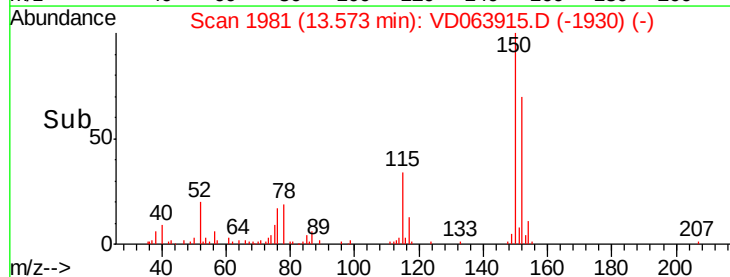
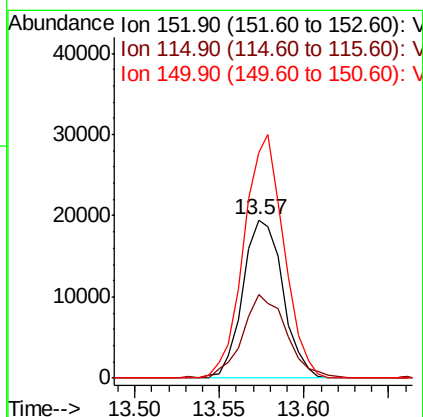
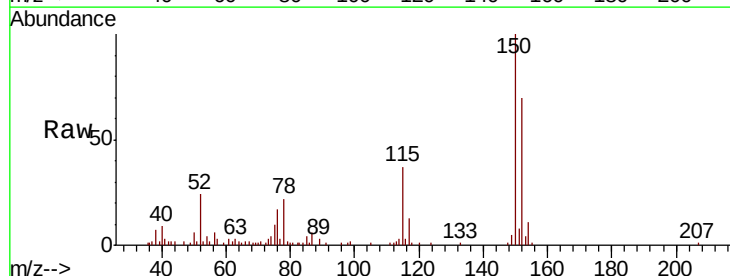
Instrument :
MSVOA_D
ClientSampled :

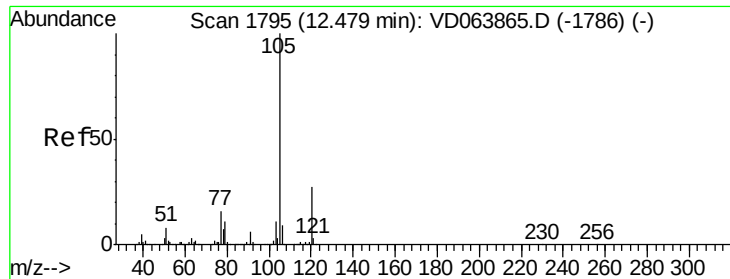
Tot Ion:106 Resp: 1802
Ion Ratio Lower Upper
106 100
91 184.8 154.8 232.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

Tgt Ion:152 Resp: 32125
Ion Ratio Lower Upper
152 100
115 57.7 25.9 77.7
150 153.0 0.0 344.2





#73

Isopropylbenzene

Concen: 1.715 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :

MSVOA_D

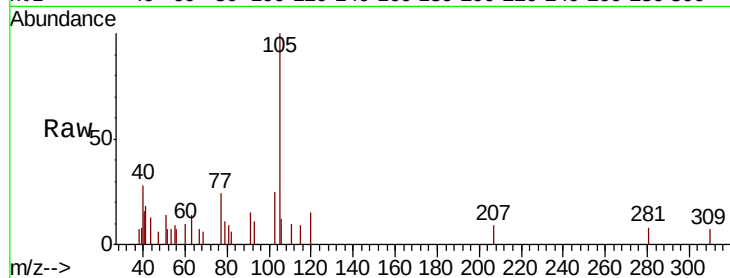
ClientSampleId :

Tot Ion:105 Resp: 3703

Ion Ratio Lower Upper

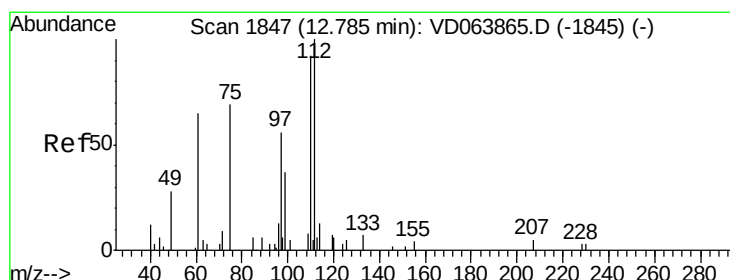
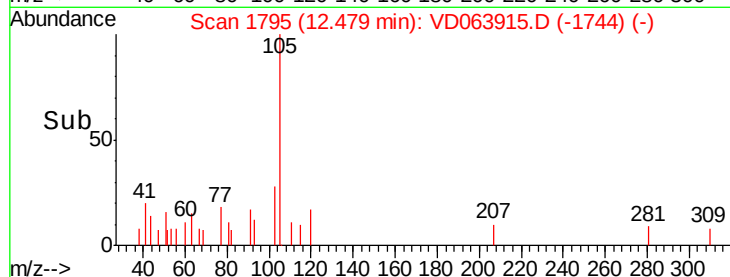
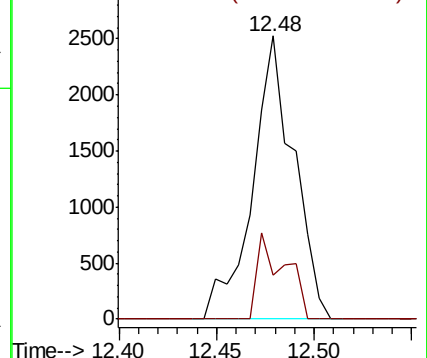
105 100

120 20.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 66.242 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD063915.D

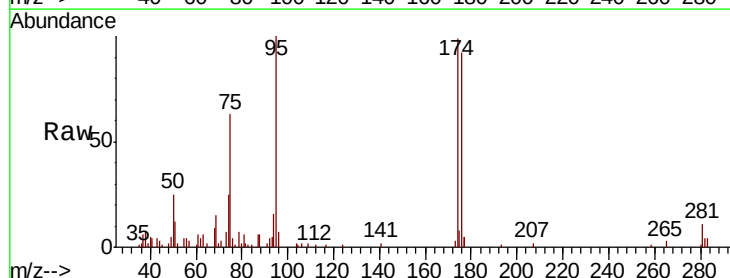
Acq: 10 Oct 2019 17:34

Tgt Ion: 75 Resp: 14253

Ion Ratio Lower Upper

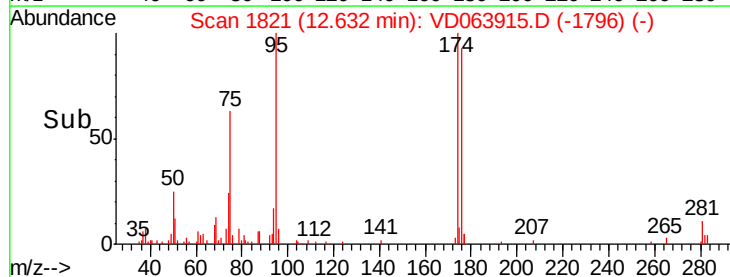
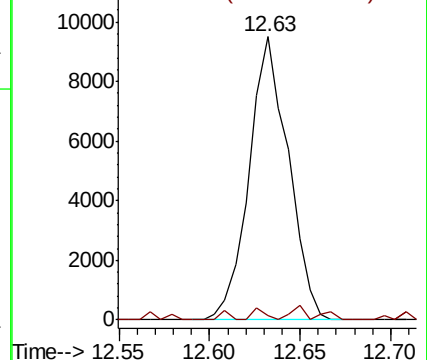
75 100

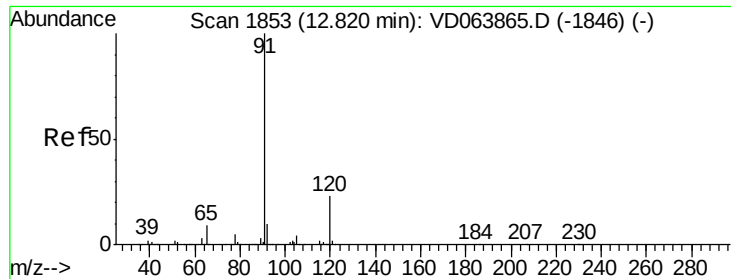
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 6.049 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :

MSVOA_D

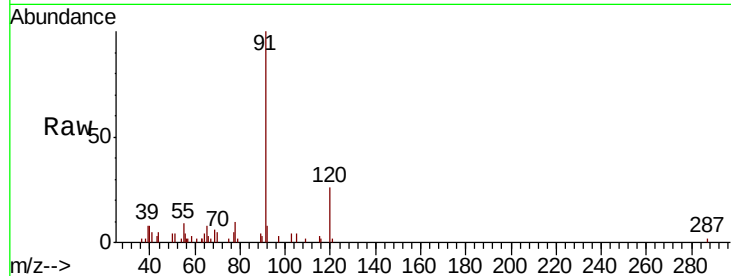
ClientSampled :

Tot Ion: 91 Resp: 15334

Ion Ratio Lower Upper

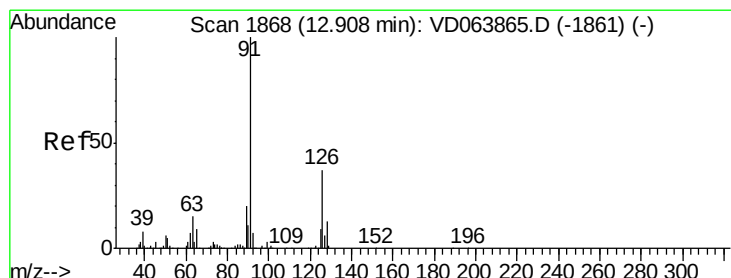
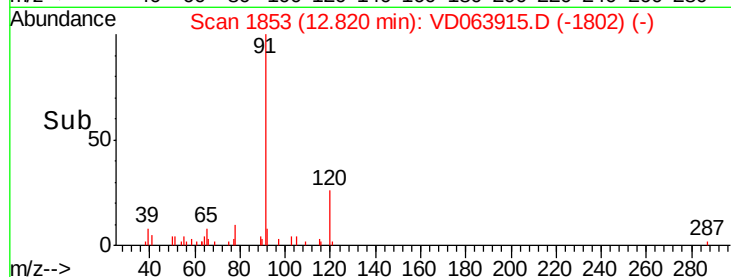
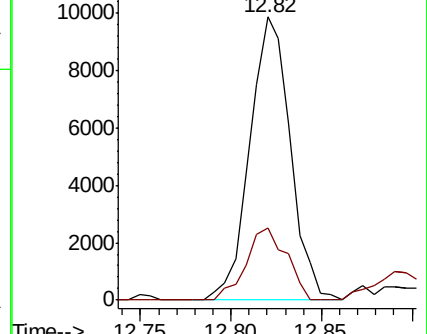
91 100

120 25.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC



#79

2-Chlorotoluene

Concen: 1.099 ug/l

RT: 12.92 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VD063915.D

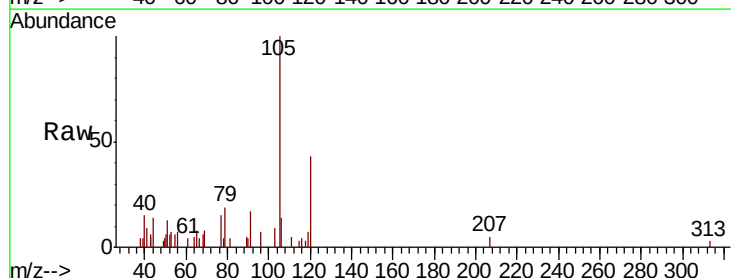
Acq: 10 Oct 2019 17:34

Tgt Ion: 91 Resp: 1536

Ion Ratio Lower Upper

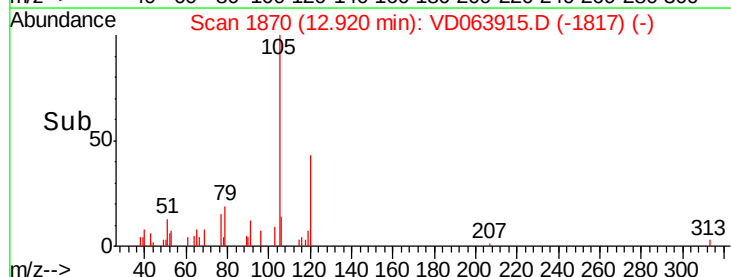
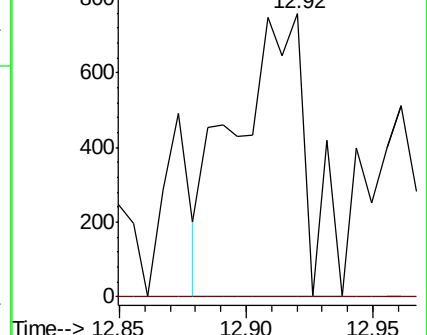
91 100

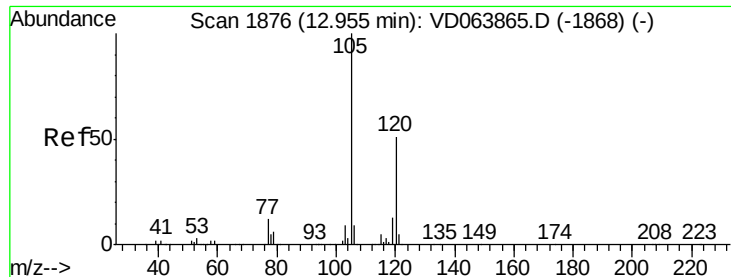
126 0.0 18.4 55.2#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): VDC





#80

1,3,5-Trimethylbenzene

Concen: 3.003 ug/l

RT: 12.96 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :

MSVOA_D

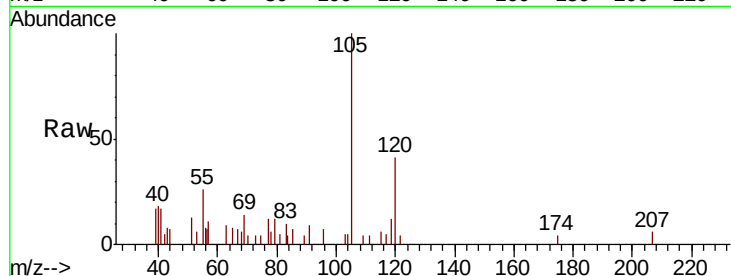
ClientSampled :

Tot Ion:105 Resp: 5411

Ion Ratio Lower Upper

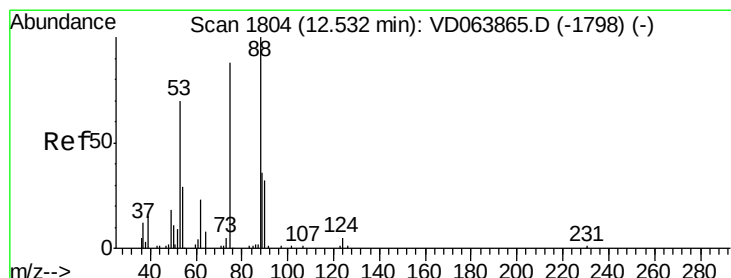
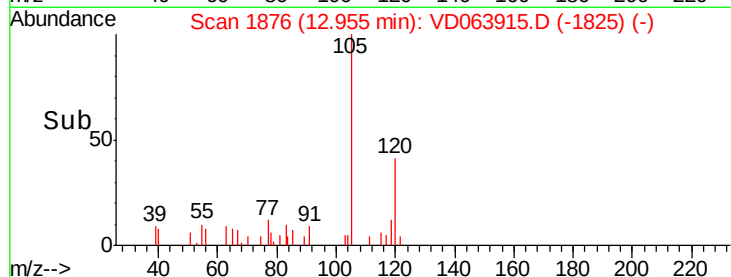
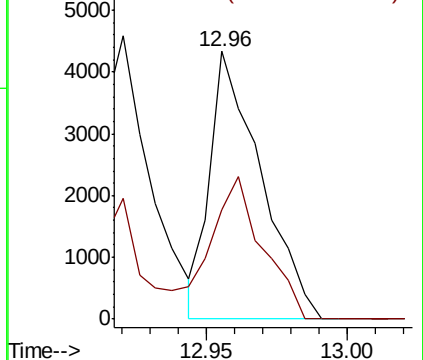
105 100

120 55.5 25.9 77.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 117.222 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

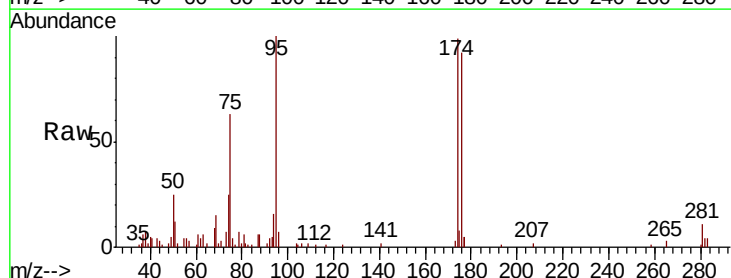
Tgt Ion: 75 Resp: 14253

Ion Ratio Lower Upper

75 100

53 1.0 75.0 112.6#

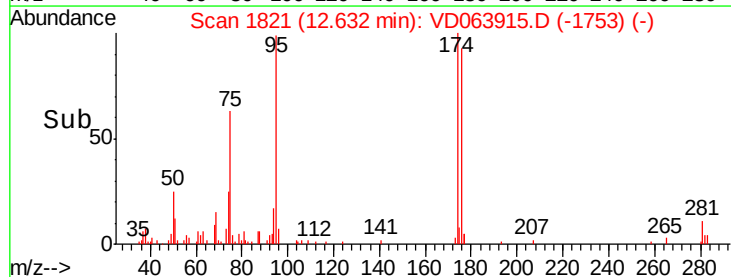
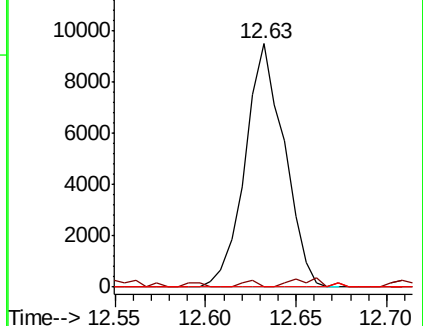
89 0.0 38.2 57.4#

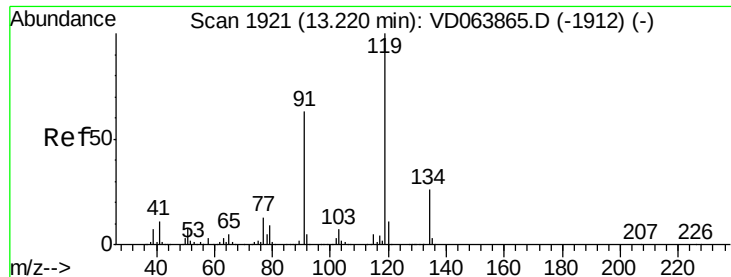


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

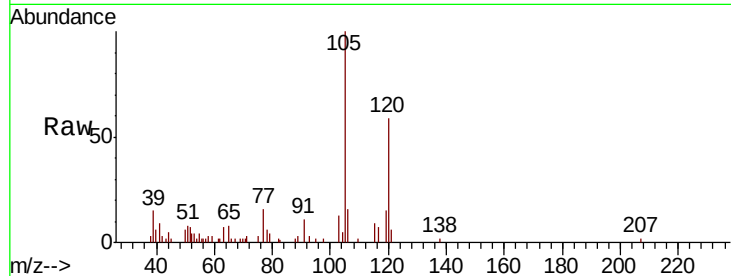




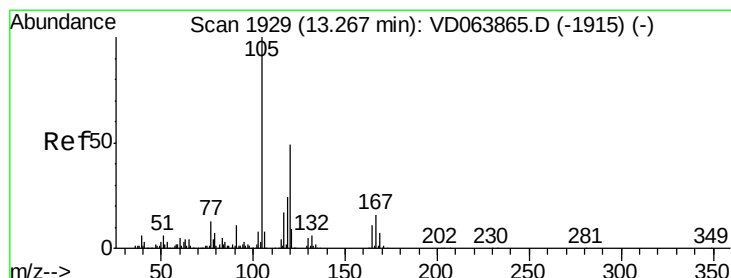
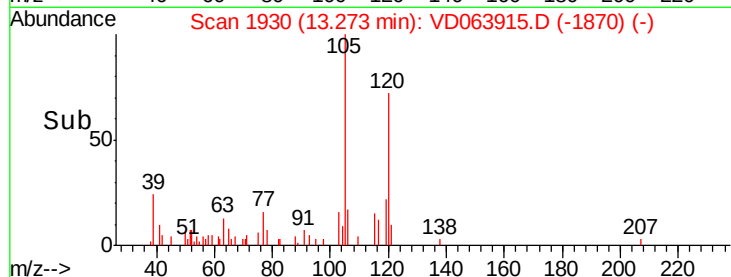
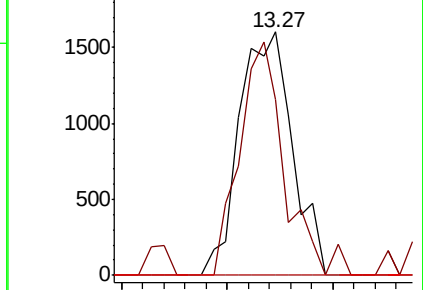
#83
tert-Butylbenzene
Concen: 1.739 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.05 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 2789
Ion Ratio Lower Upper
119 100
91 81.8 30.0 90.0
134 0.0 13.0 38.9#

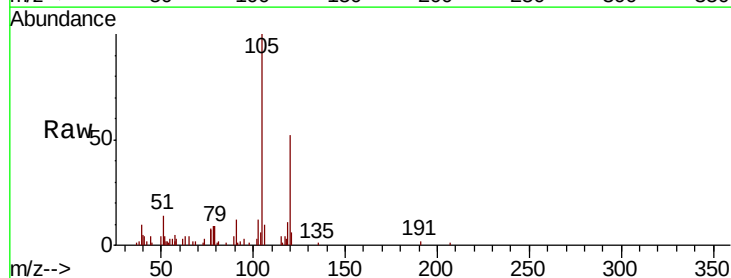


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

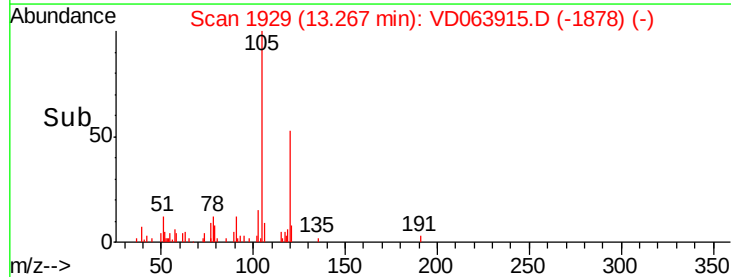
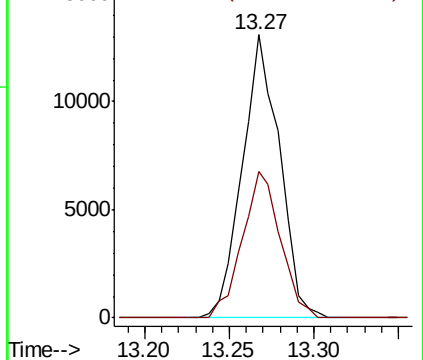


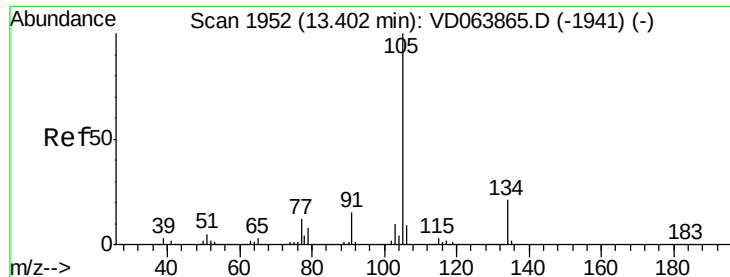
#84
1,2,4-Trimethylbenzene
Concen: 10.804 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

Tgt Ion:105 Resp: 20068
Ion Ratio Lower Upper
105 100
120 52.9 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.569 ug/l

RT: 13.40 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :

MSVOA_D

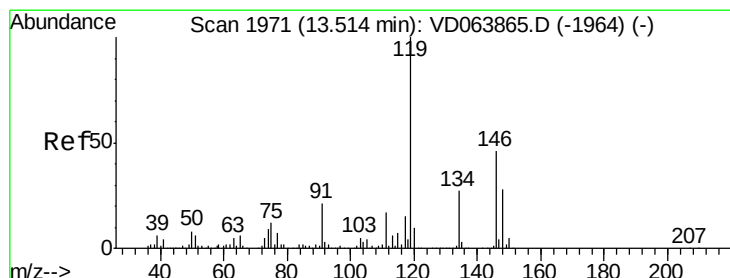
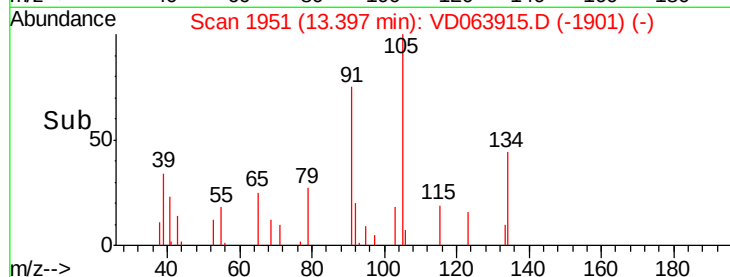
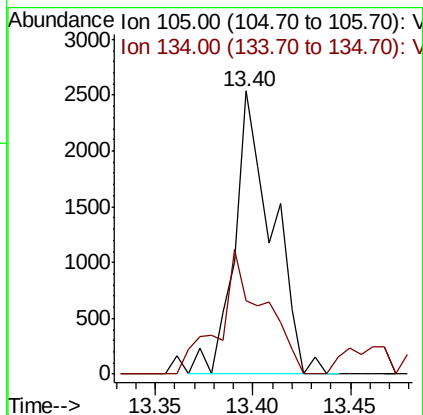
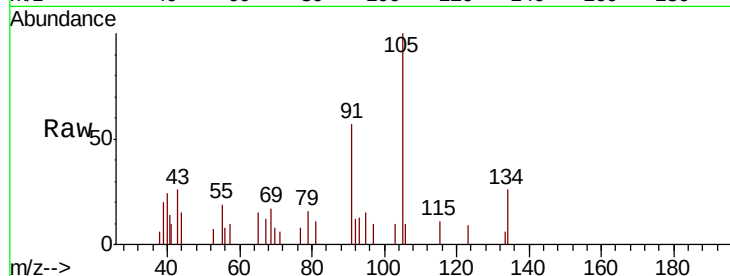
ClientSampleId :

Tot Ion:105 Resp: 3397

Ion Ratio Lower Upper

105 100

134 51.3 10.6 31.8#



#86

p-Isopropyltoluene

Concen: 1.041 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

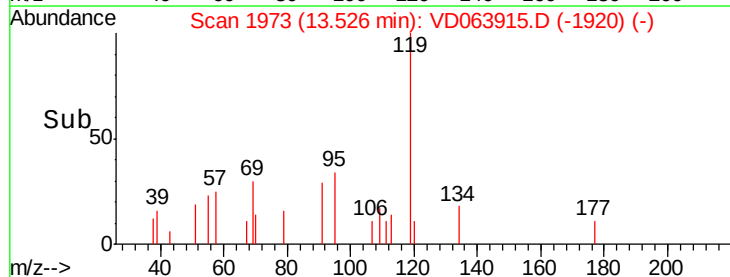
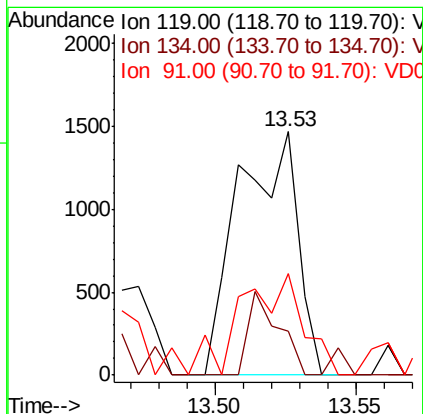
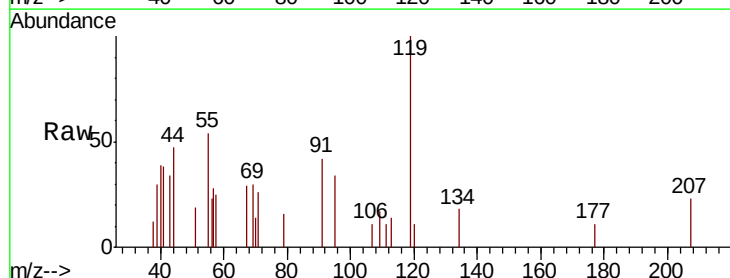
Tgt Ion:119 Resp: 2134

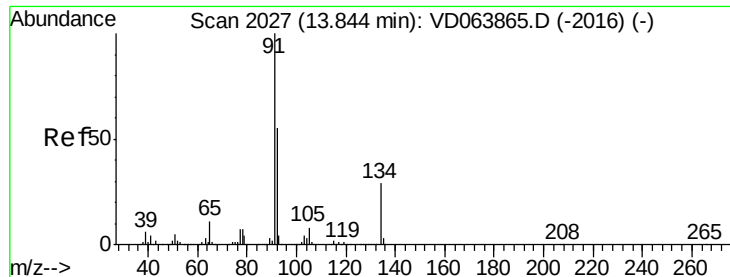
Ion Ratio Lower Upper

119 100

134 0.0 13.9 41.6#

91 44.2 11.2 33.5#

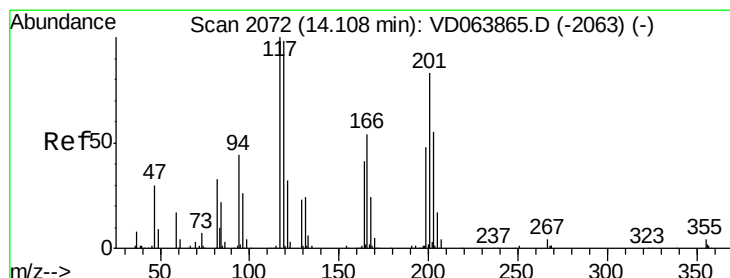
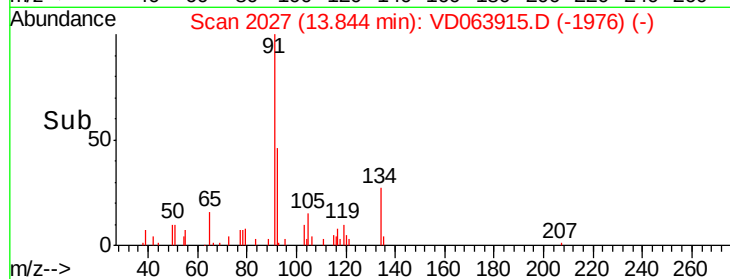
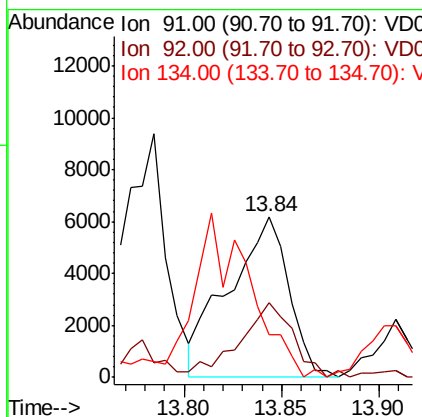
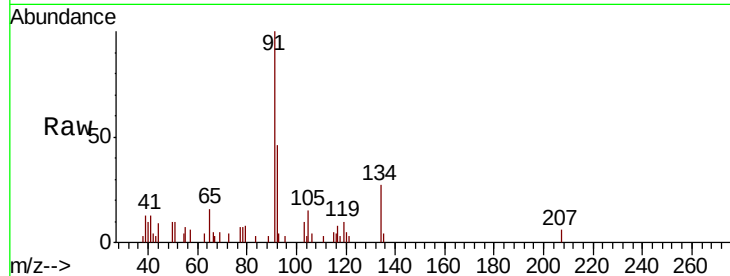




#89
n-Butylbenzene
Concen: 6.943 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

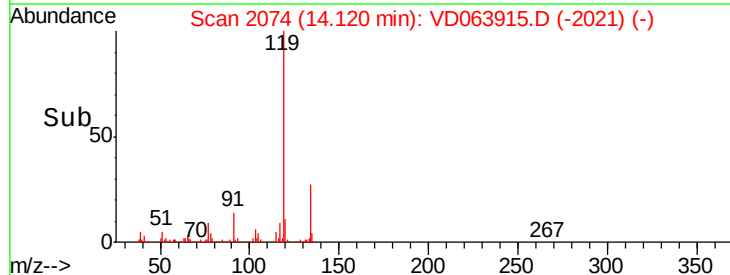
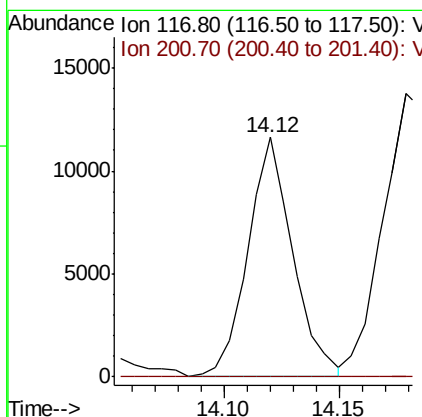
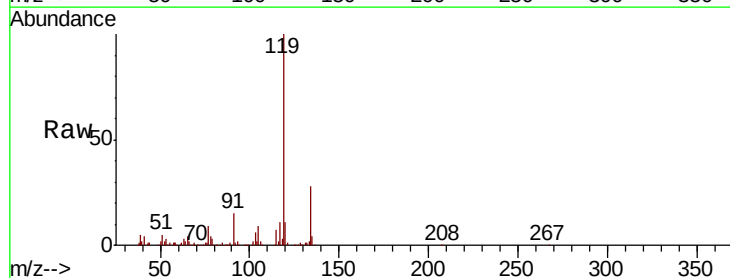
Instrument :
MSVOA_D
ClientSampleID :

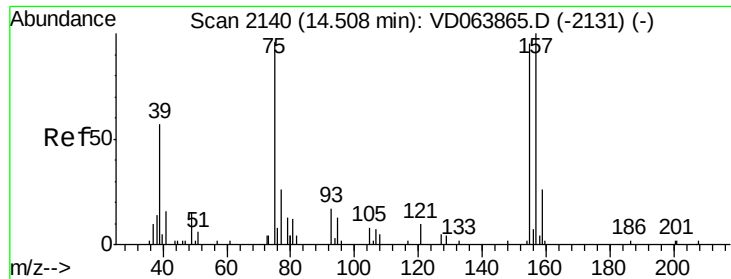
Tot Ion: 91 Resp: 13242
Ion Ratio Lower Upper
91 100
92 41.1 26.8 80.3
134 0.0 14.4 43.0#



#90
Hexachloroethane
Concen: 42.758 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD063915.D
Acq: 10 Oct 2019 17:34

Tgt Ion: 117 Resp: 15758
Ion Ratio Lower Upper
117 100
201 0.0 40.6 121.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.441 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

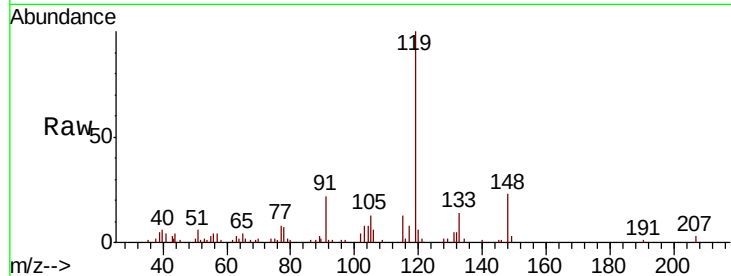
Tot Ion: 75 Resp: 279

Ion Ratio Lower Upper

75 100

155 0.0 43.9 131.6#

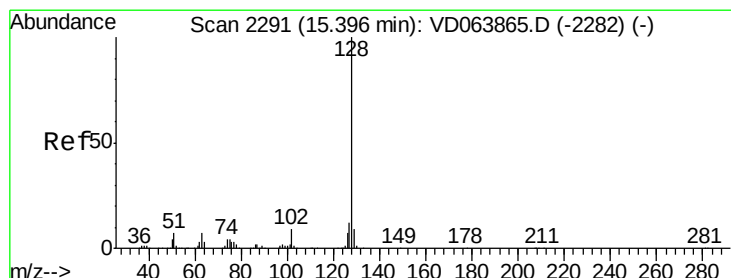
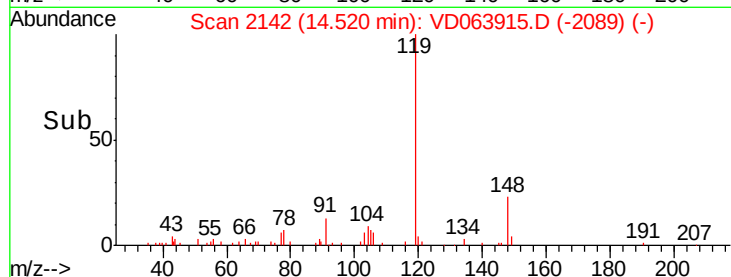
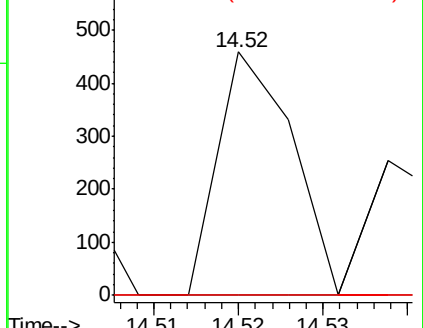
157 0.0 56.0 167.9#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 78.392 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.01 min

Lab File: VD063915.D

Acq: 10 Oct 2019 17:34

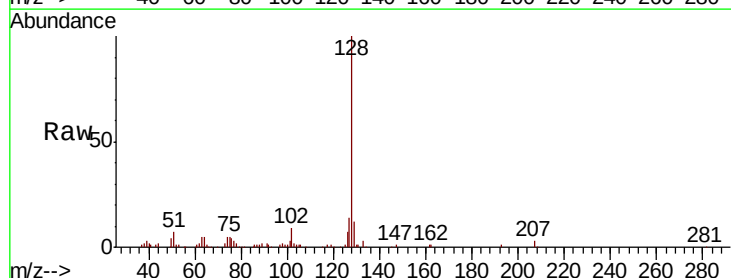
Tgt Ion: 128 Resp: 93144

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

