

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112119\
 Data File : VD064335.D
 Acq On : 21 Nov 2019 20:18
 Operator : VA/SY
 Sample : K5972-01
 Misc : 5.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 00:44:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	868562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1255883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1095832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	523192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	355460	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	7.92	113	377102	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	10.34	98	1460405	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.64	95	464163	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

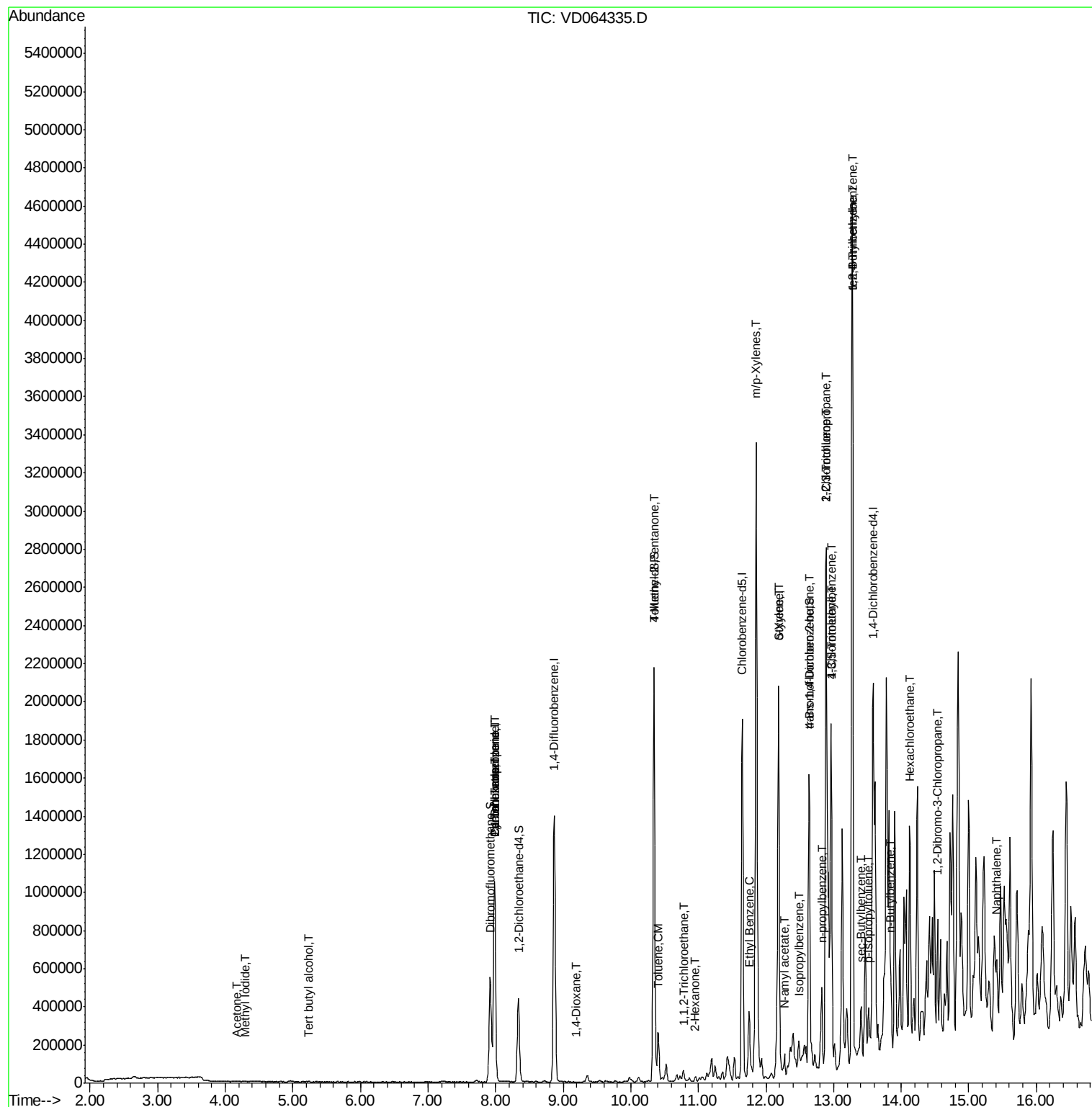
						Qvalue
10) Methyl Iodide	4.29	142	237	2.057	ug/l #	41
11) Tert butyl alcohol	5.24	59	714	1.431	ug/l #	69
16) Acetone	4.18	43	2181	1.289	ug/l #	45
31) Cyclohexane	7.98	56	17186	1.226	ug/l #	20
36) 1,1-Dichloropropene	7.99	75	56678	4.890	ug/l #	49
38) Carbon Tetrachloride	7.99	117	78351	6.317	ug/l #	16
49) 1,4-Dioxane	9.20	88	71	1.432	ug/l #	71
51) 4-Methyl-2-Pentanone	10.34	43	9249	1.916	ug/l #	1
52) Toluene	10.41	92	111536	5.355	ug/l	99
55) 1,1,2-Trichloroethane	10.78	97	24313	4.342	ug/l #	21
59) 2-Hexanone	10.96	43	11484	3.343	ug/l #	32
67) Ethyl Benzene	11.75	91	230522	5.719	ug/l	97
68) m/p-Xylenes	11.86	106	982267	63.577	ug/l	98
69) o-Xylene	12.18	106	558295	38.963	ug/l	99
70) Styrene	12.18	104	28909	1.156	ug/l #	1
73) Isopropylbenzene	12.48	105	90836	2.365	ug/l	99
74) N-amyl acetate	12.27	43	25100	2.768	ug/l #	58
76) 1,2,3-Trichloropropane	12.89	75	15035	3.568	ug/l #	100
78) n-propylbenzene	12.83	91	325265	7.413	ug/l	100
79) 2-Chlorotoluene	12.89	91	278234	11.232	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.97	105	681649	21.602	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.64	75	238464	112.403	ug/l #	10
82) 4-Chlorotoluene	12.97	91	75347	2.916	ug/l #	41
83) tert-Butylbenzene	13.27	119	330549	11.880	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.27	105	2573442	82.606	ug/l	99
85) sec-Butylbenzene	13.41	105	157316	4.210	ug/l	89
86) p-Isopropyltoluene	13.53	119	92921	2.615	ug/l	99
89) n-Butylbenzene	13.85	91	157346	4.902	ug/l #	75
90) Hexachloroethane	14.13	117	57820	8.806	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.54	75	1259	1.217	ug/l #	16
95) Naphthalene	15.41	128	196774	10.616	ug/l #	94

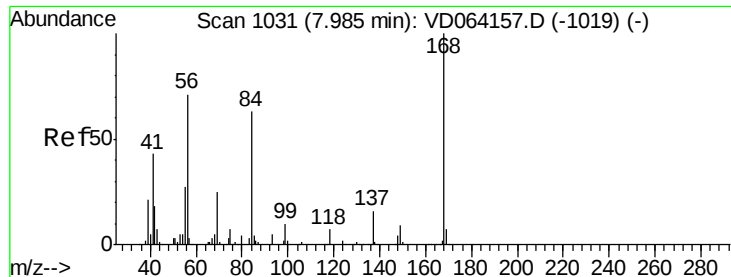
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

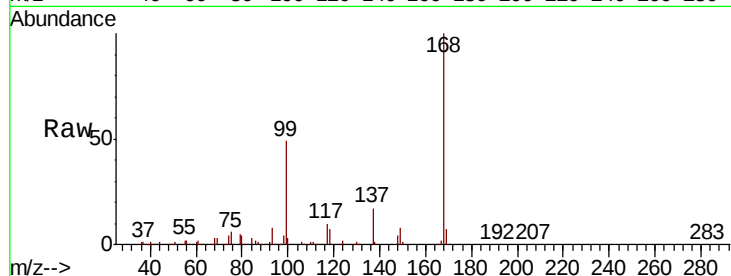
ClientSampleId :

Tot Ion:168 Resp: 868562

Ion Ratio Lower Upper

168 100

99 48.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VD

7.99

400000

300000

200000

100000

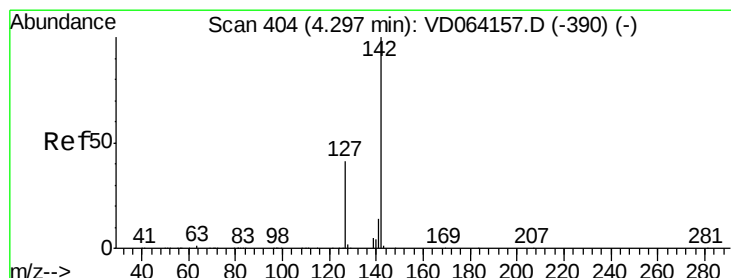
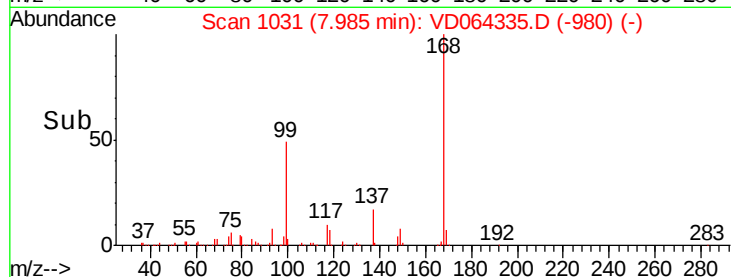
0

Time-->

7.90

8.00

8.10



#10

Methyl Iodide

Concen: 2.057 ug/l

RT: 4.29 min Scan# 402

Delta R.T. -0.01 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

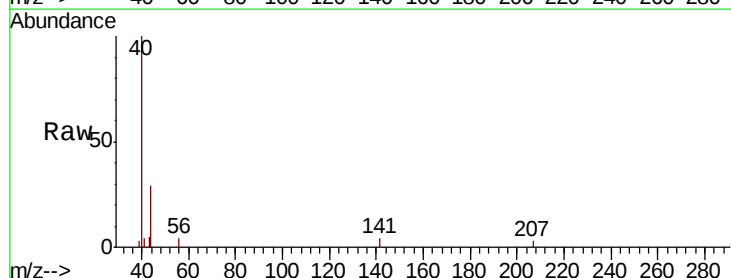
Tgt Ion:142 Resp: 237

Ion Ratio Lower Upper

142 100

127 0.0 34.4 51.6#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.29

250

200

150

100

50

0

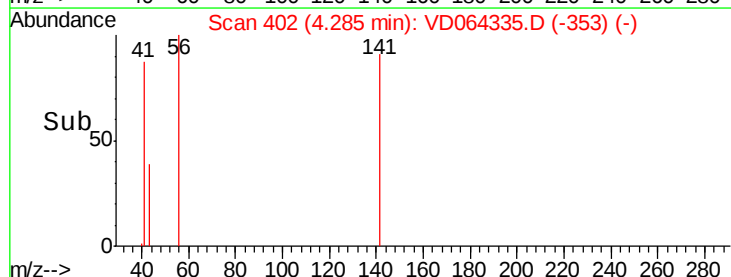
Time-->

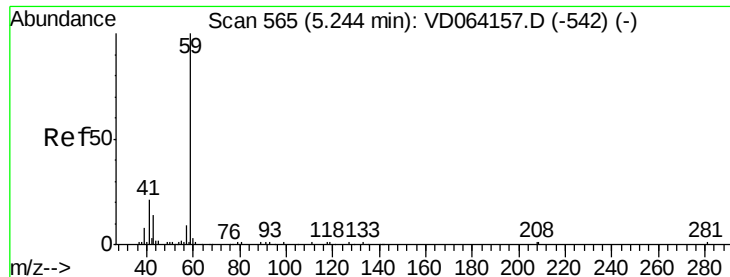
4.26

4.28

4.30

4.32

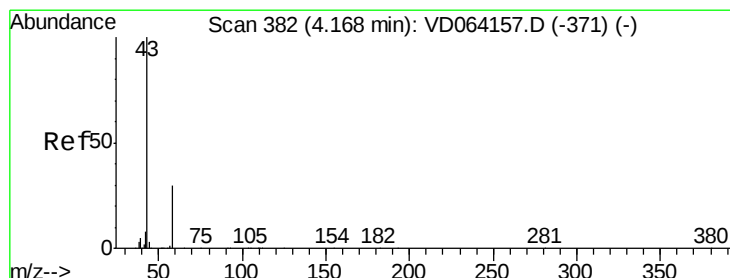
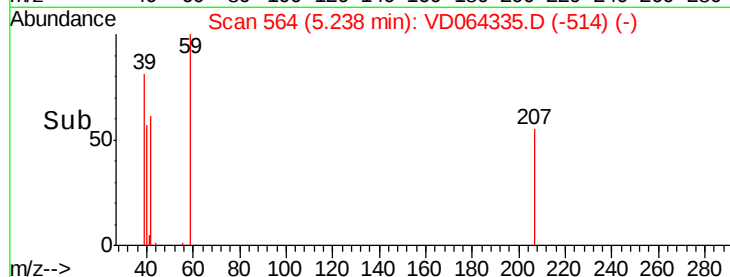
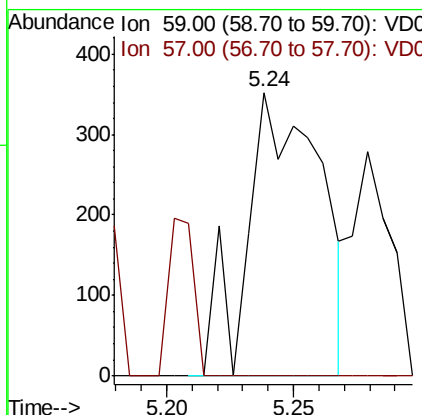
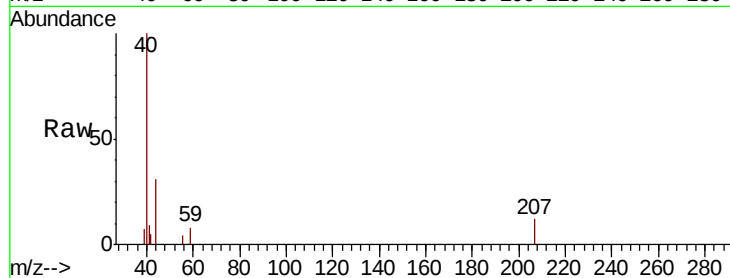




#11
Tert butyl alcohol
Concen: 1.431 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.00 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

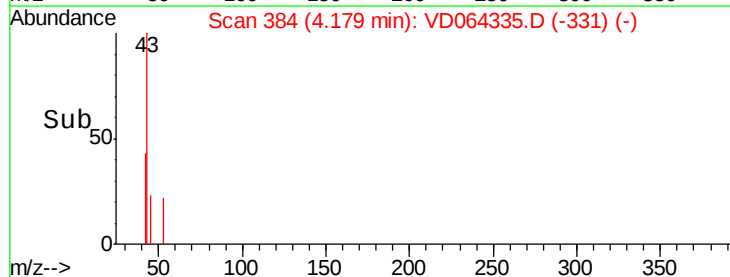
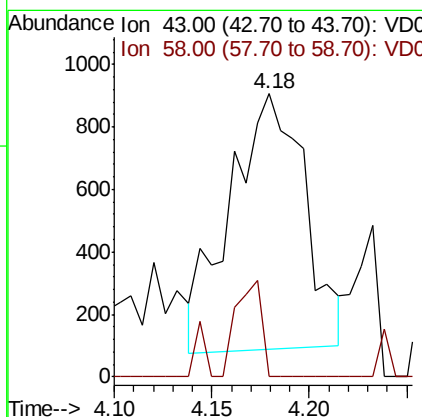
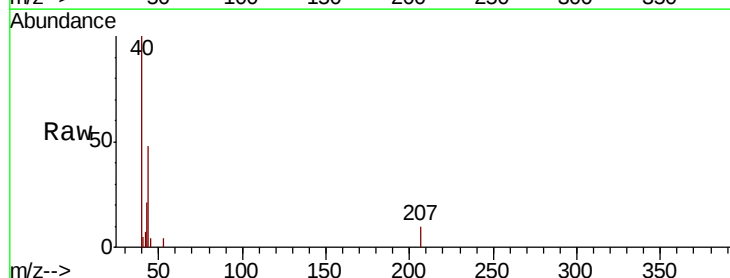
Instrument :
MSVOA_D
ClientSampled :

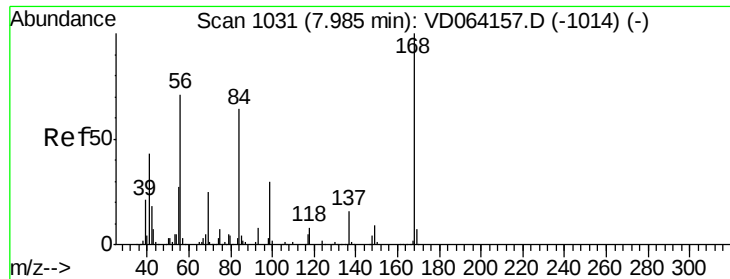
Tot Ion: 59 Resp: 714
Ion Ratio Lower Upper
59 100
57 0.0 9.4 14.2#



#16
Acetone
Concen: 1.289 ug/l
RT: 4.18 min Scan# 384
Delta R.T. 0.01 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#

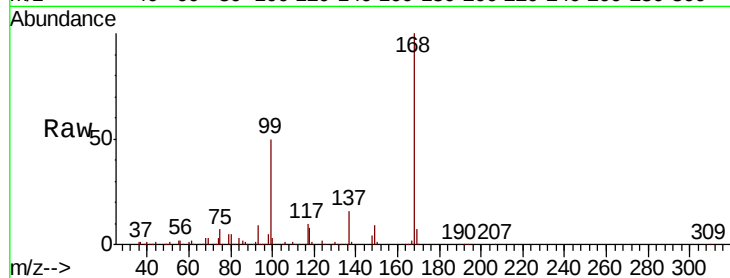




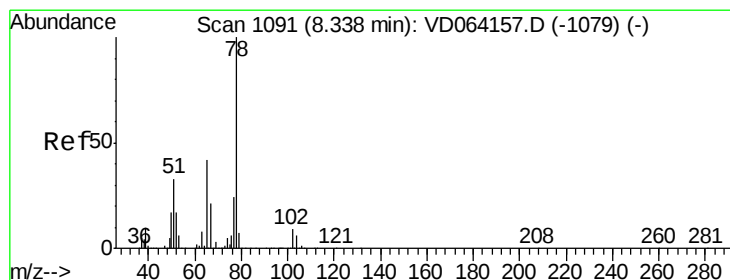
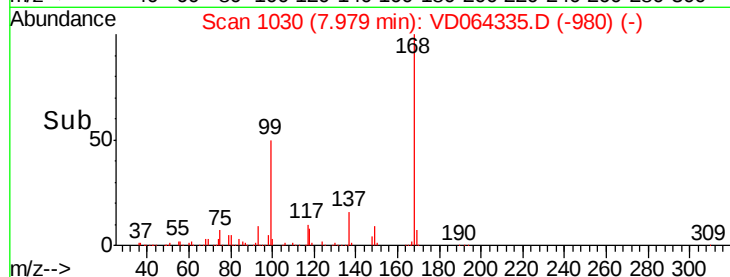
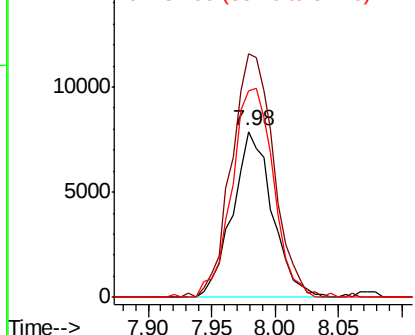
#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 17186
Ion Ratio Lower Upper
56 100
69 146.7 28.2 42.4#
84 124.2 71.8 107.6#

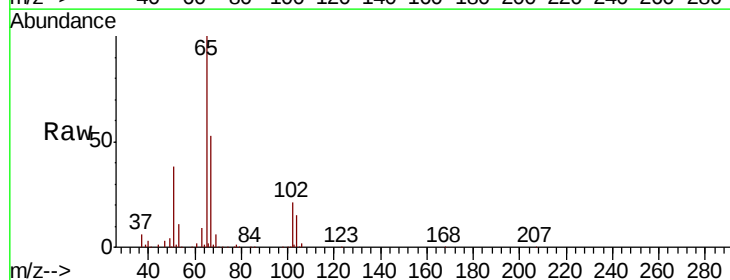


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

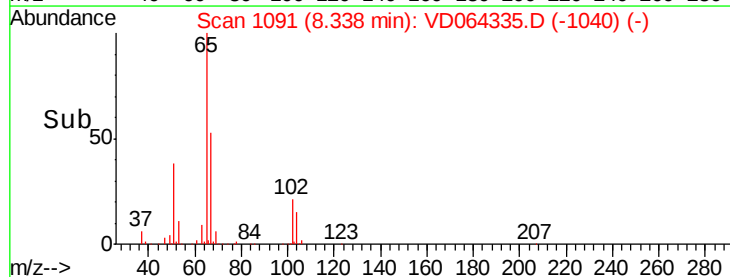
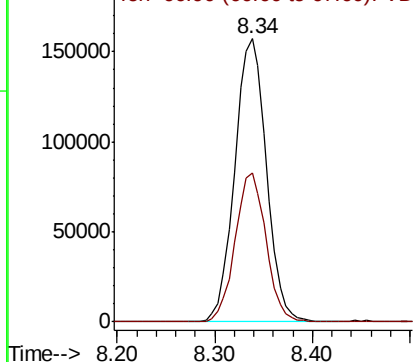


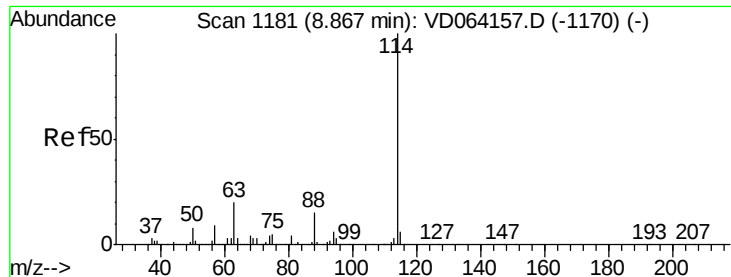
#33
1,2-Dichloroethane-d4
Concen: 49.761 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

Tgt Ion: 65 Resp: 355460
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4



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

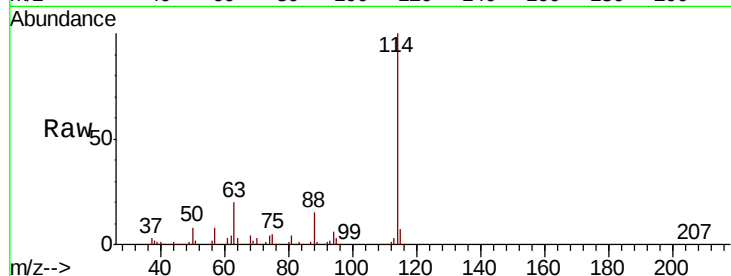




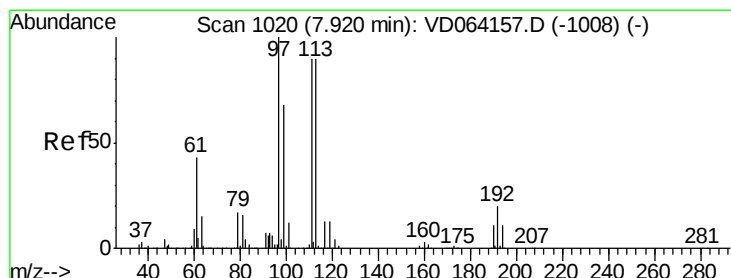
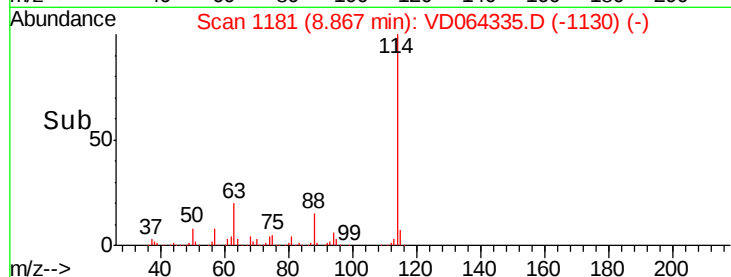
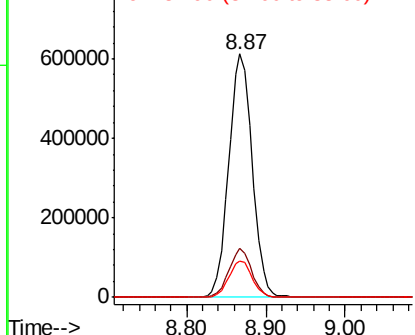
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064335.D
 Acq: 21 Nov 2019 20:18

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1255883
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.0 0.0 30.2

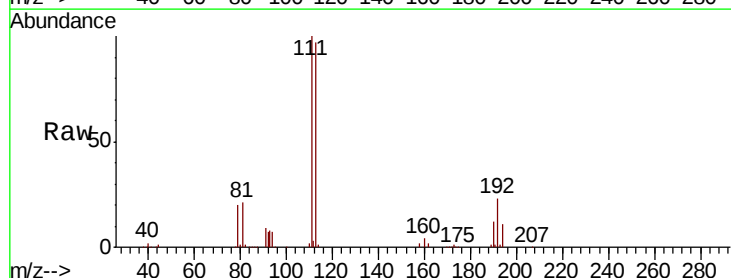


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

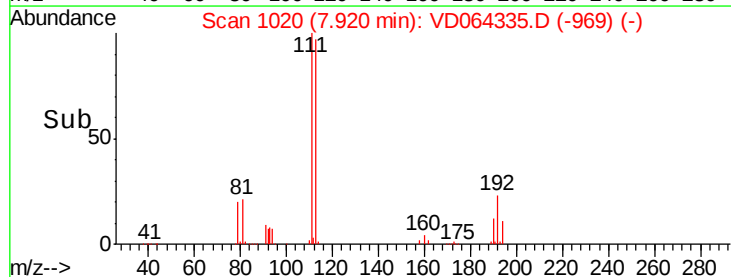
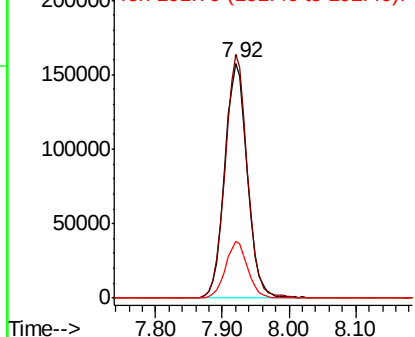


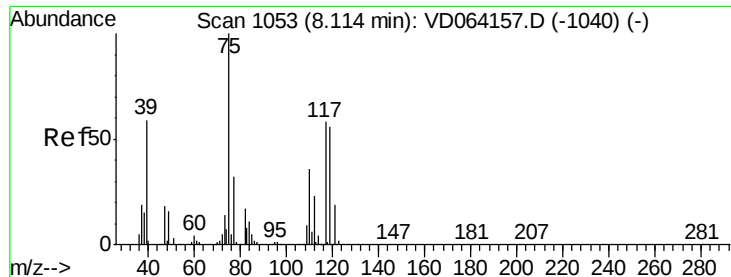
#35
 Dibromofluoromethane
 Concen: 52.310 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064335.D
 Acq: 21 Nov 2019 20:18

Tgt Ion:113 Resp: 377102
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 23.6 18.8 28.2



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: 4.890 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :
MSVOA_D
ClientSampleId :

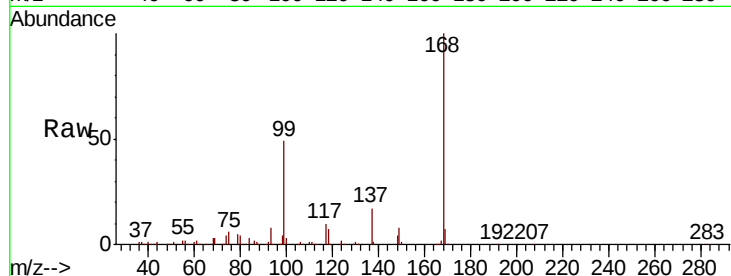
Tot Ion: 75 Resp: 56678

Ion Ratio Lower Upper

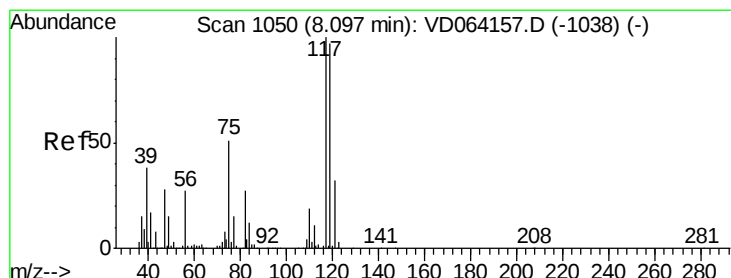
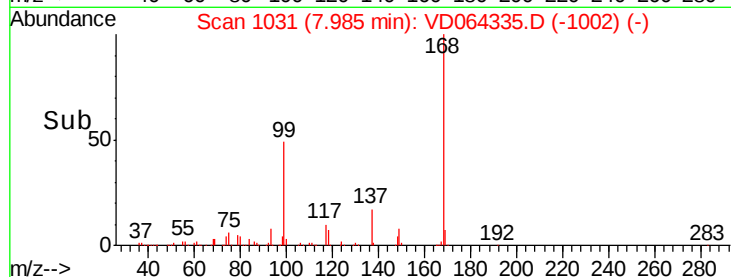
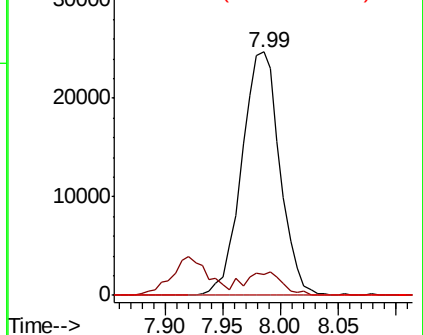
75 100

110 9.6 18.3 54.9#

77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 6.317 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

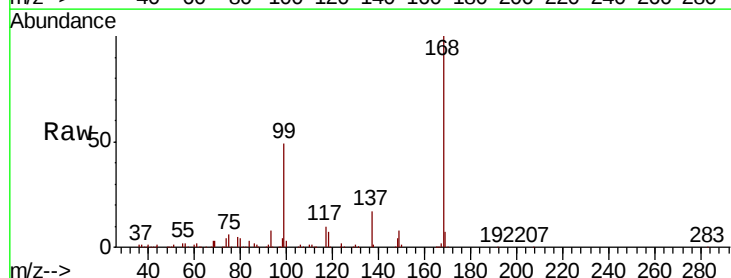
Tgt Ion: 117 Resp: 78351

Ion Ratio Lower Upper

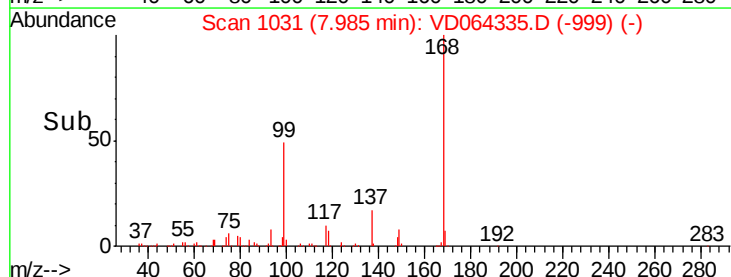
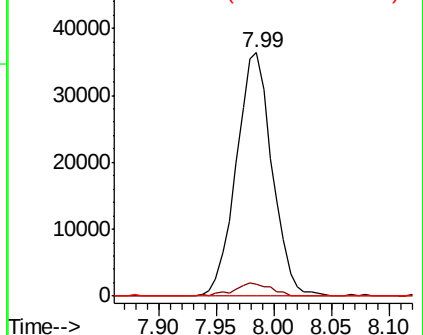
117 100

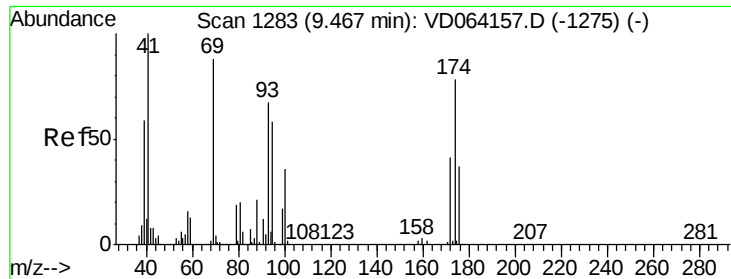
119 5.0 77.2 115.8#

121 0.0 25.5 38.3#



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

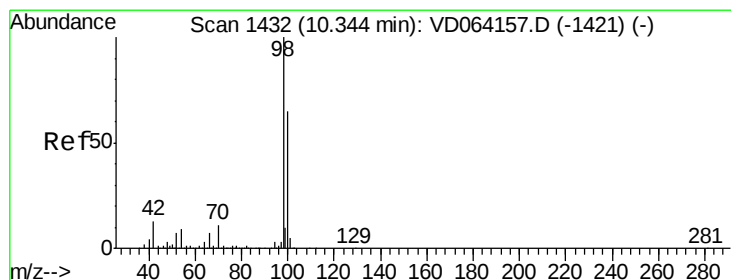
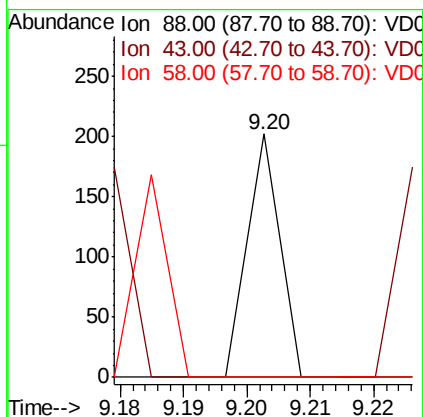
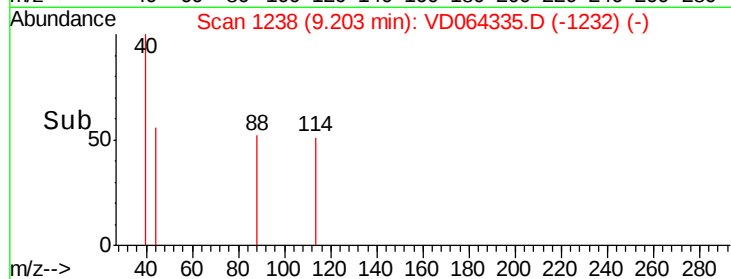
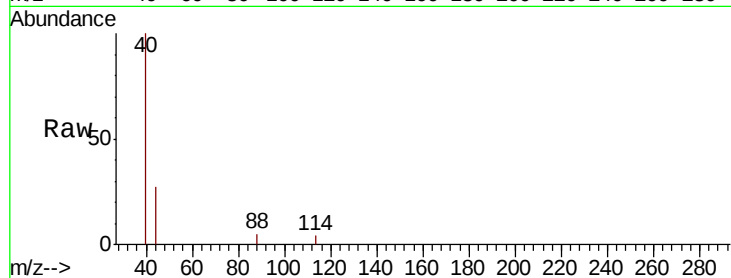




#49
1,4-Dioxane
Concen: 1.432 ug/l
RT: 9.20 min Scan# 1238
Delta R.T. -0.26 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

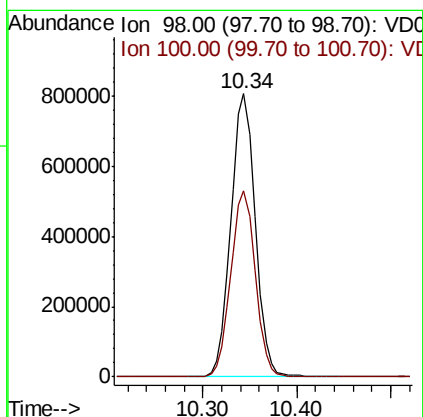
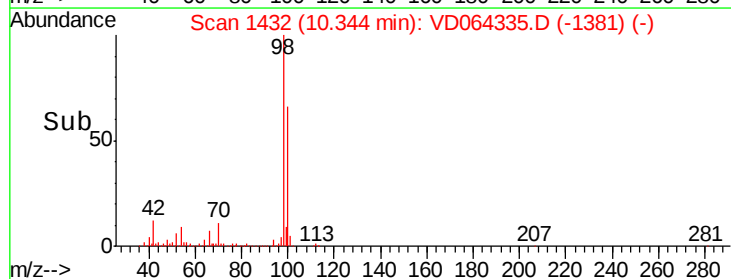
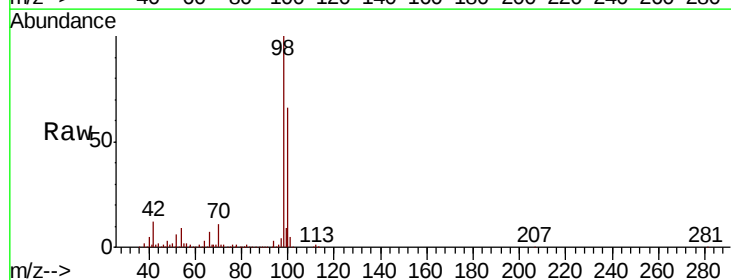
Instrument :
MSVOA_D
ClientSampled :

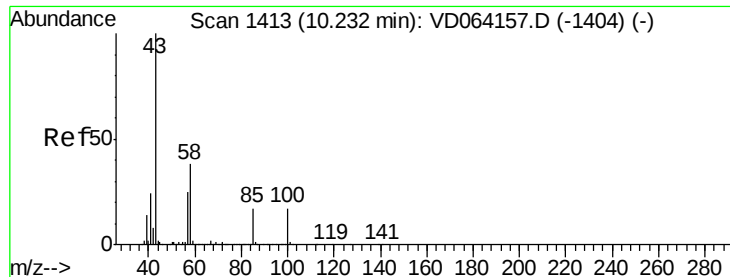
Tot Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.8#
58 83.1 58.1 87.1



#50
Toluene-d8
Concen: 53.701 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

Tgt Ion: 98 Resp: 1460405
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.916 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.11 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

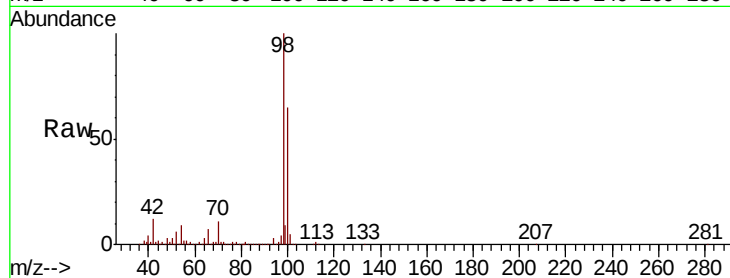
ClientSampleId :

Tot Ion: 43 Resp: 9249

Ion Ratio Lower Upper

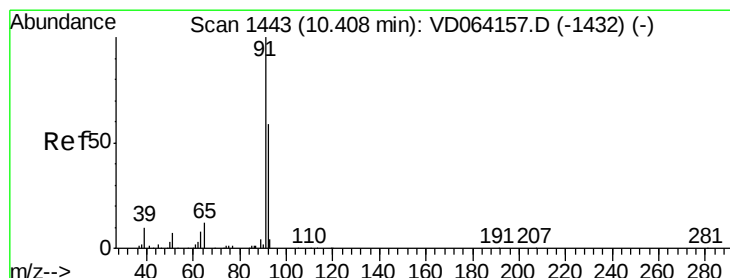
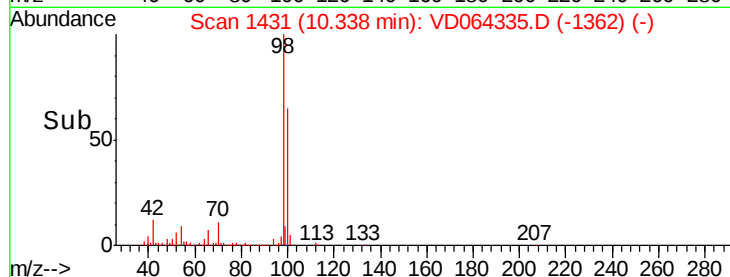
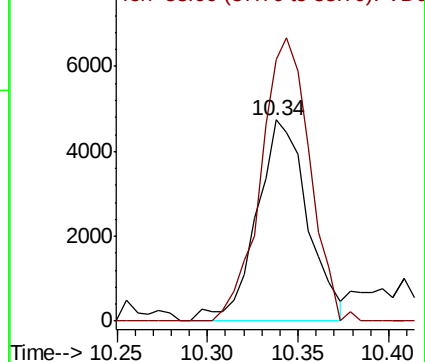
43 100

58 135.2 30.2 45.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 5.355 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD064335.D

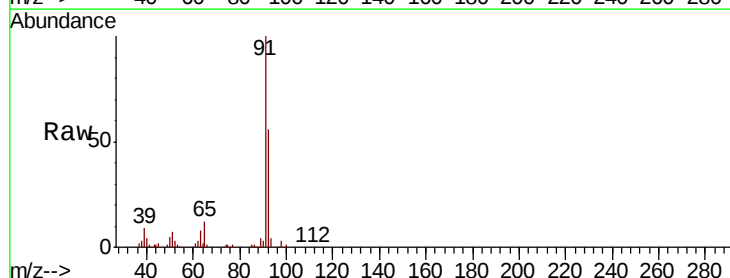
Acq: 21 Nov 2019 20:18

Tgt Ion: 92 Resp: 111536

Ion Ratio Lower Upper

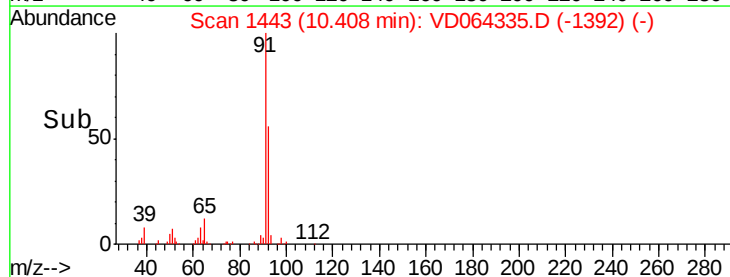
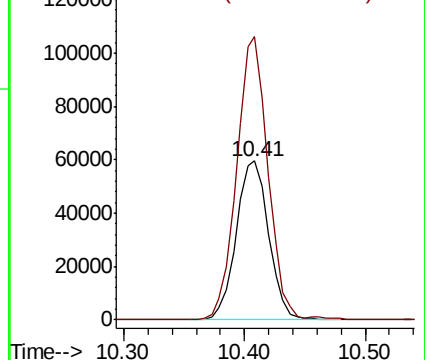
92 100

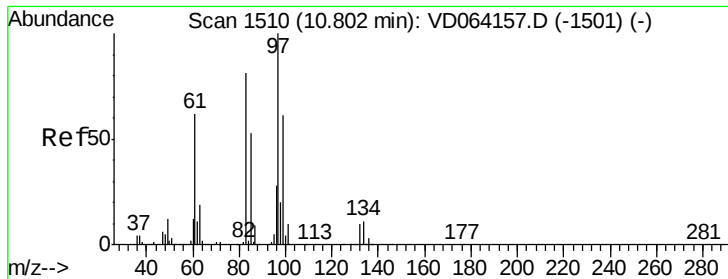
91 171.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

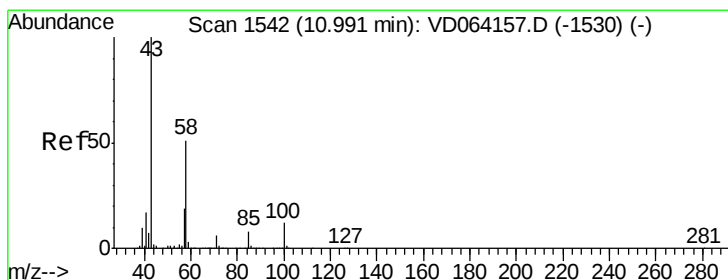
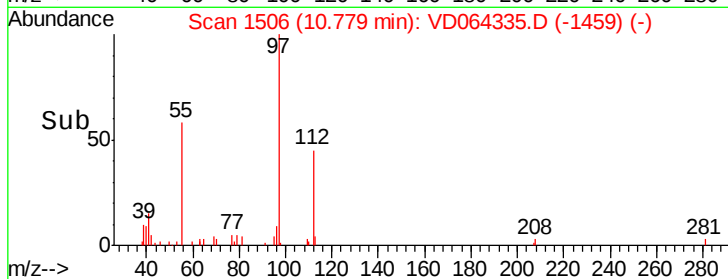
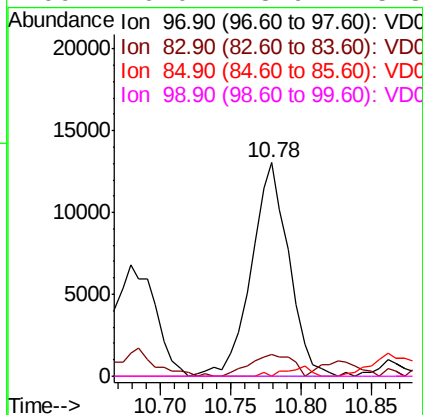
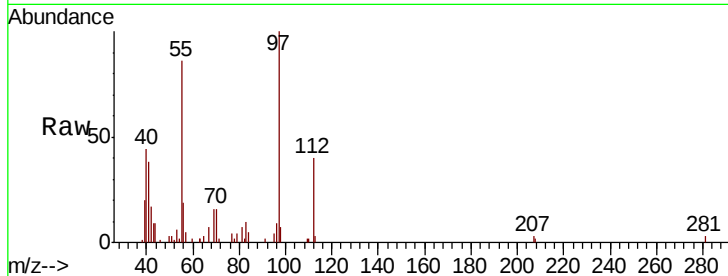




#55
 1,1,2-Trichloroethane
 Concen: 4.342 ug/l
 RT: 10.78 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: VD064335.D
 Acq: 21 Nov 2019 20:18

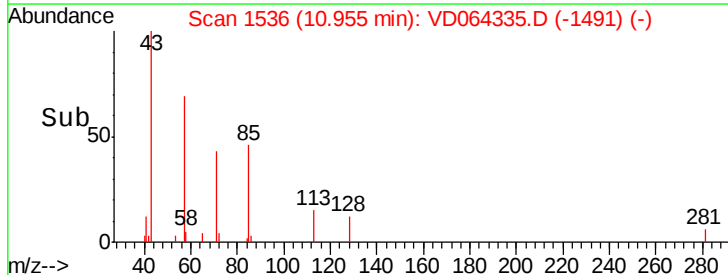
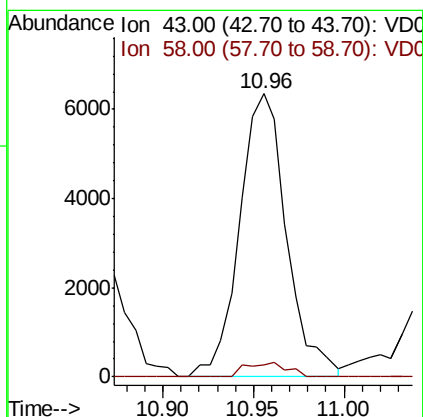
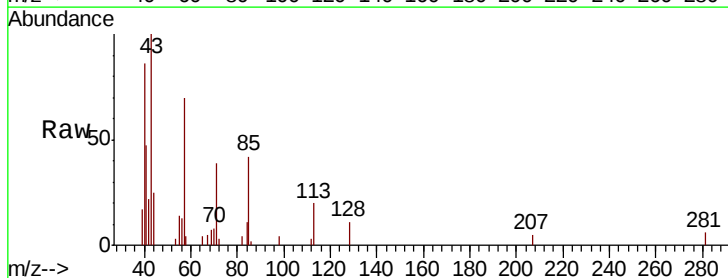
Instrument :
 MSVOA_D
 ClientSampleId :

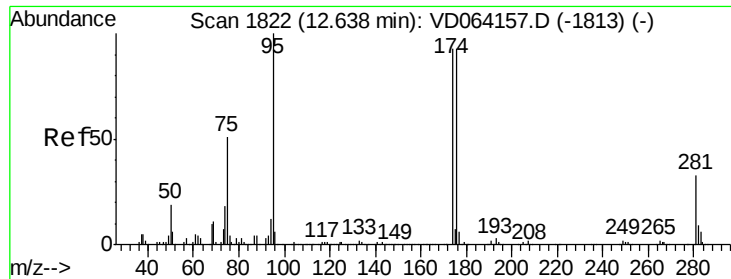
Tot Ion: 97 Resp: 24313
 Ion Ratio Lower Upper
 97 100
 83 8.6 65.1 97.7#
 85 0.0 42.0 63.0#
 99 0.0 48.9 73.3#



#59
 2-Hexanone
 Concen: 3.343 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. -0.04 min
 Lab File: VD064335.D
 Acq: 21 Nov 2019 20:18

Tgt Ion: 43 Resp: 11484
 Ion Ratio Lower Upper
 43 100
 58 4.4 25.9 77.7#

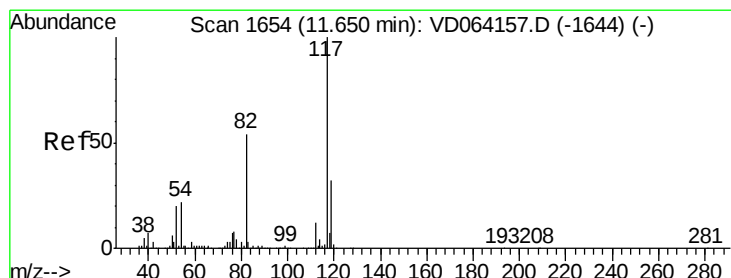
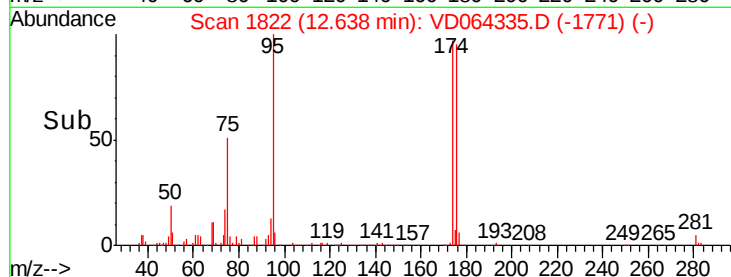
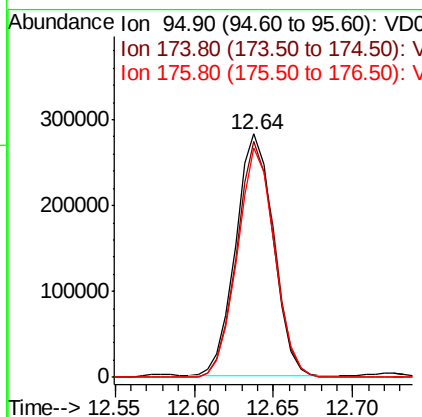
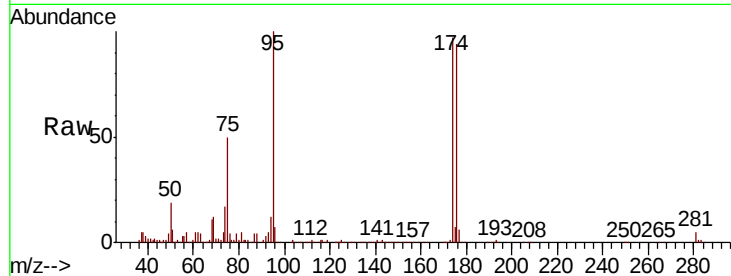




#62
4-Bromofluorobenzene
Concen: 49.285 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

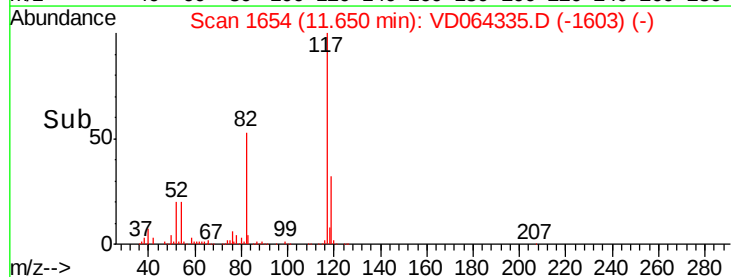
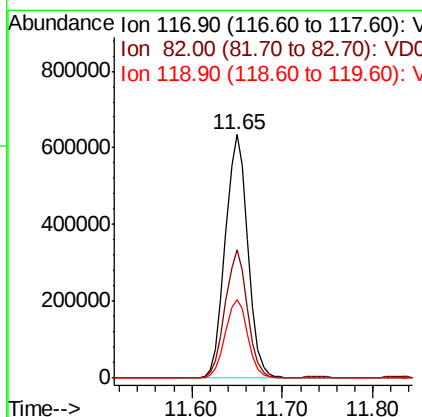
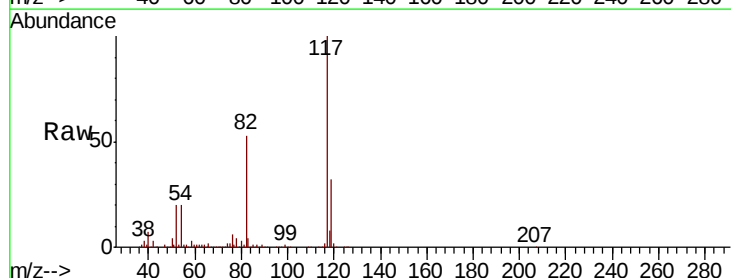
Instrument :
MSVOA_D
ClientSampleId :

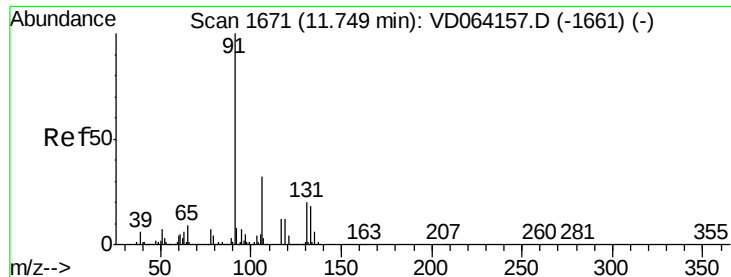
Tot Ion: 95 Resp: 464163
Ion Ratio Lower Upper
95 100
174 97.4 0.0 183.6
176 94.0 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

Tgt Ion: 117 Resp: 1095832
Ion Ratio Lower Upper
117 100
82 52.5 42.8 64.2
119 32.5 25.6 38.4





#67

Ethyl Benzene

Concen: 5.719 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

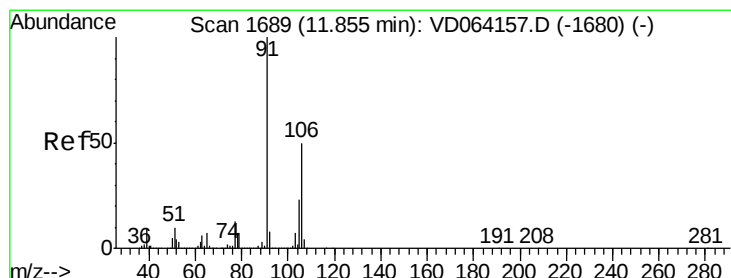
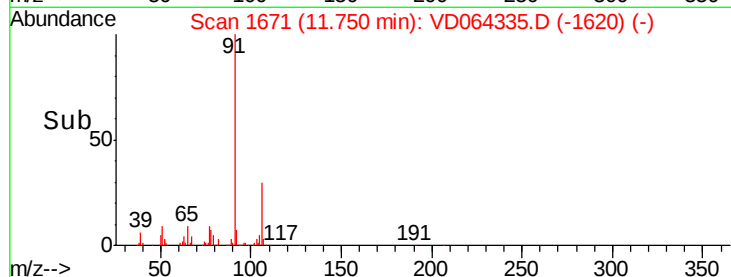
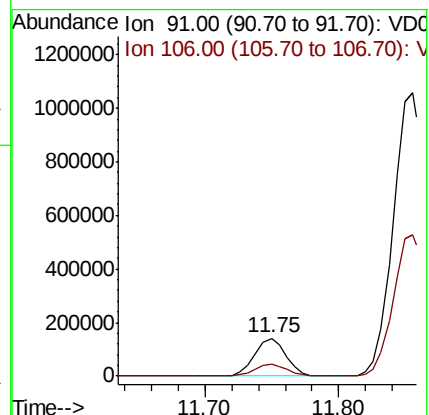
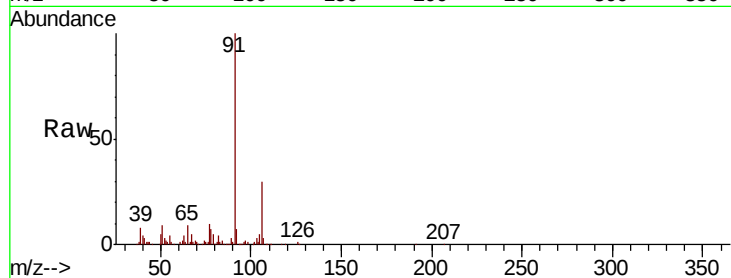
ClientSampleId :

Tot Ion: 91 Resp: 230522

Ion Ratio Lower Upper

91 100

106 30.4 25.5 38.3



#68

m/p-Xylenes

Concen: 63.577 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064335.D

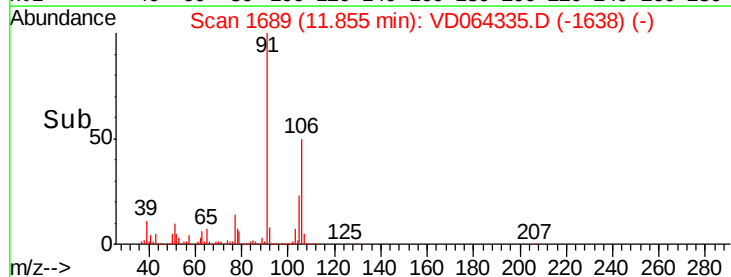
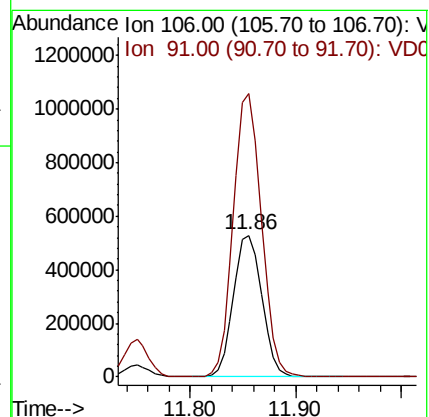
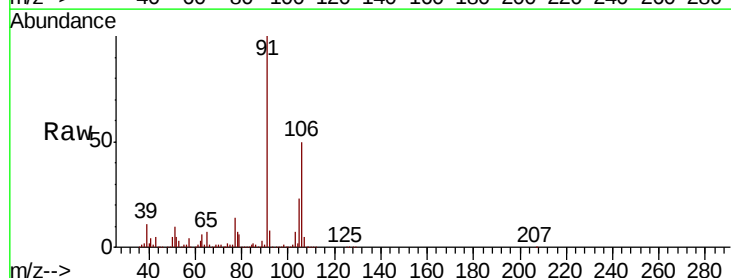
Acq: 21 Nov 2019 20:18

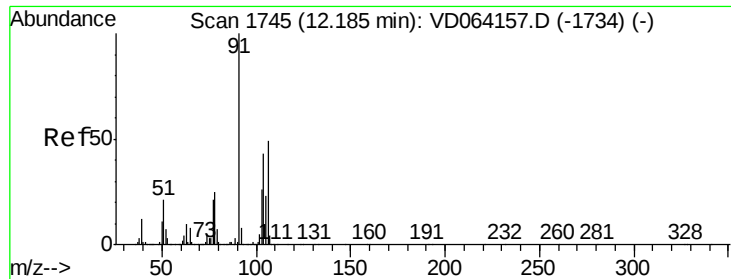
Tgt Ion: 106 Resp: 982267

Ion Ratio Lower Upper

106 100

91 197.9 160.3 240.5

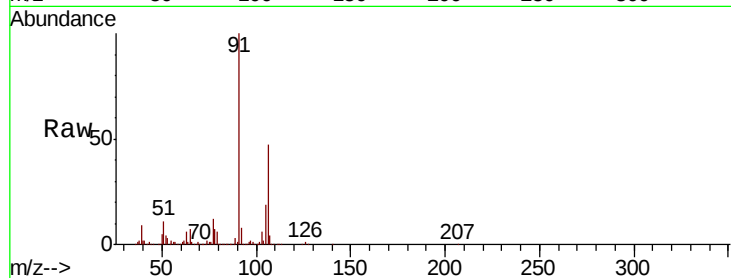




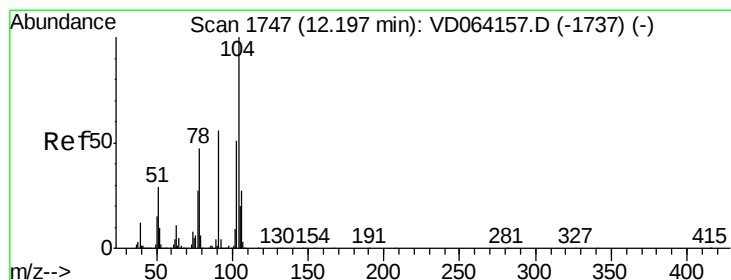
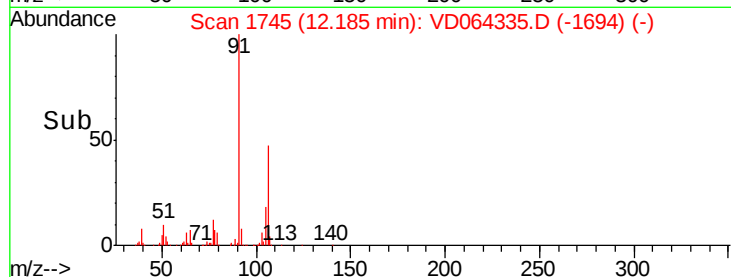
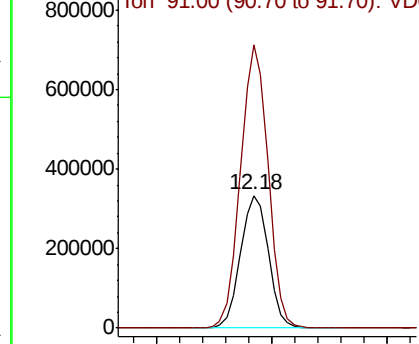
#69
o-Xylene
Concen: 38.963 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 558295
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.3

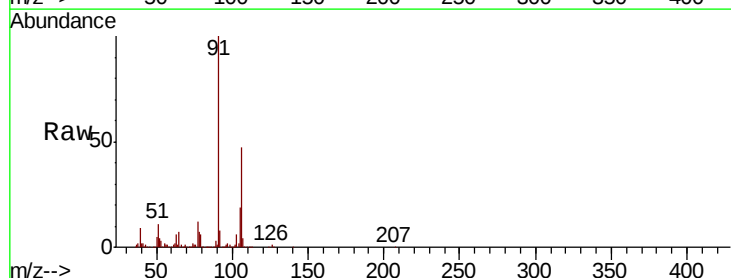


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

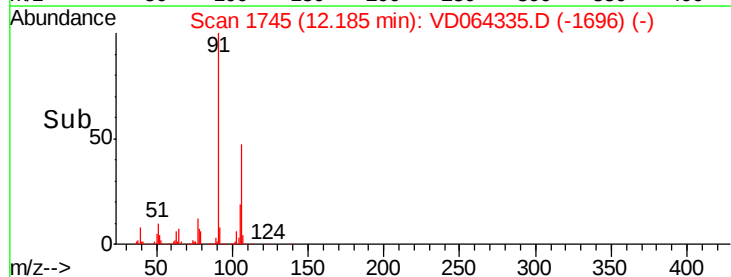
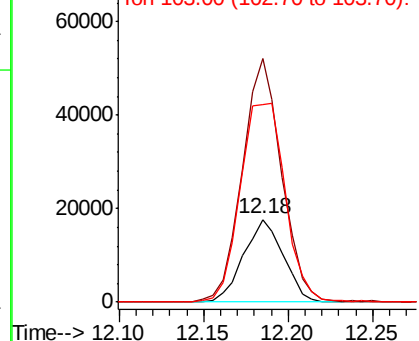


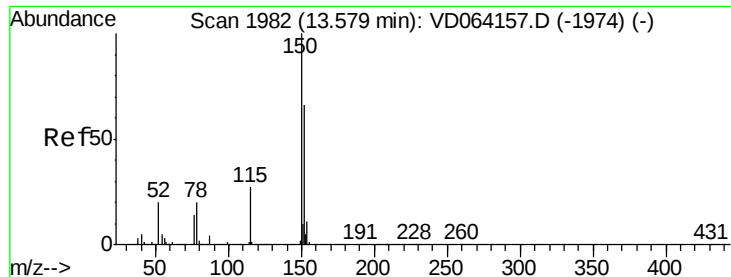
#70
Styrene
Concen: 1.156 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

Tgt Ion:104 Resp: 28909
Ion Ratio Lower Upper
104 100
78 292.9 39.9 59.9#
103 272.5 43.4 65.0#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

ClientSampleId :

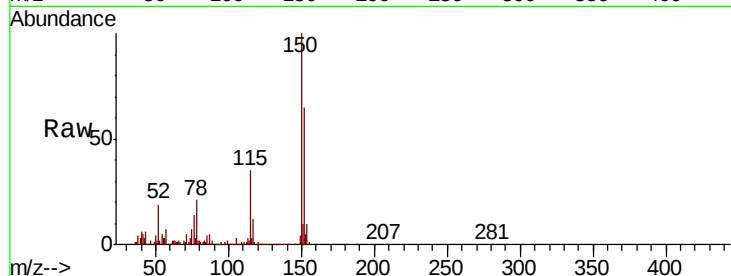
Tot Ion:152 Resp: 523192

Ion Ratio Lower Upper

152 100

115 60.3 27.4 82.2

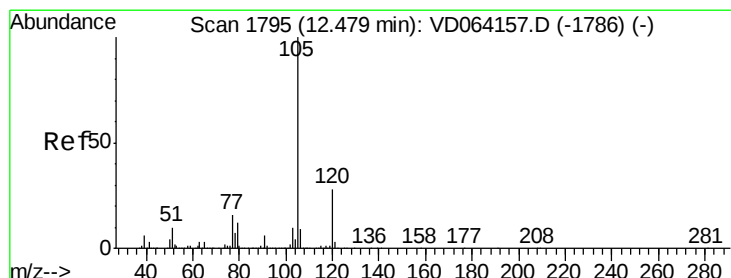
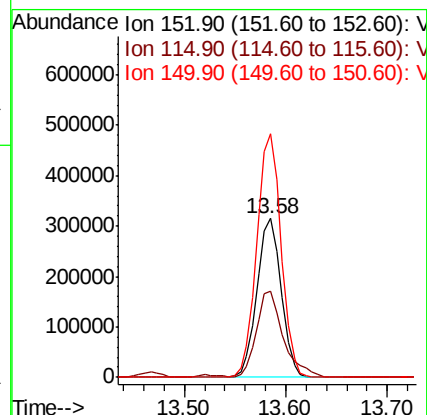
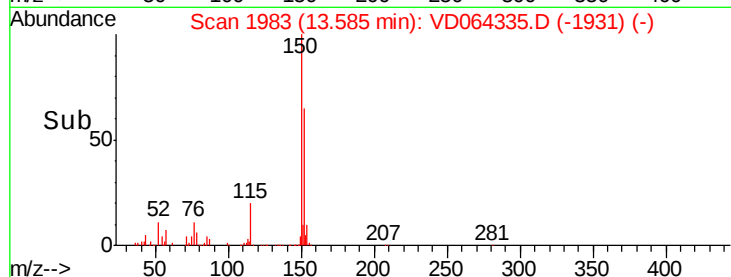
150 153.2 0.0 351.6



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



#73

Isopropylbenzene

Concen: 2.365 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064335.D

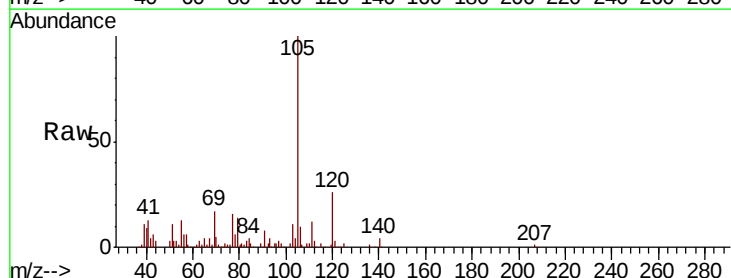
Acq: 21 Nov 2019 20:18

Tgt Ion:105 Resp: 90836

Ion Ratio Lower Upper

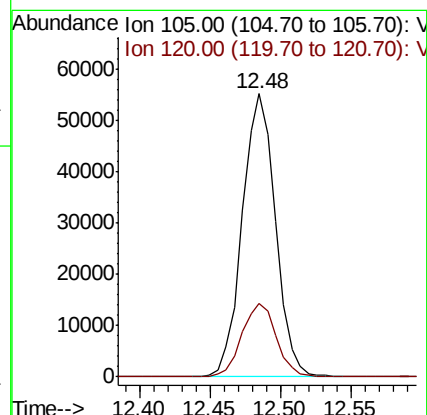
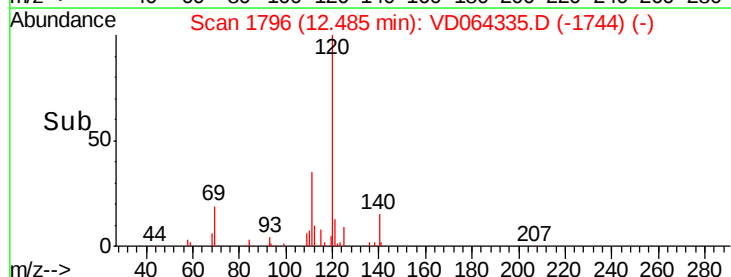
105 100

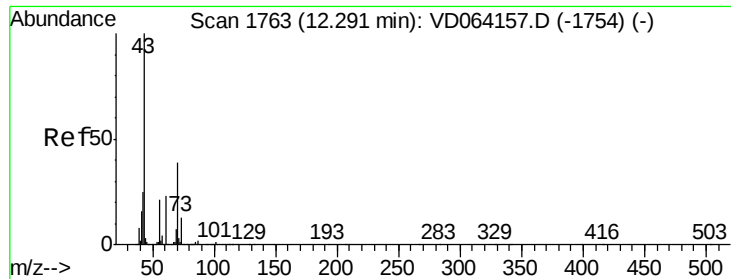
120 26.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

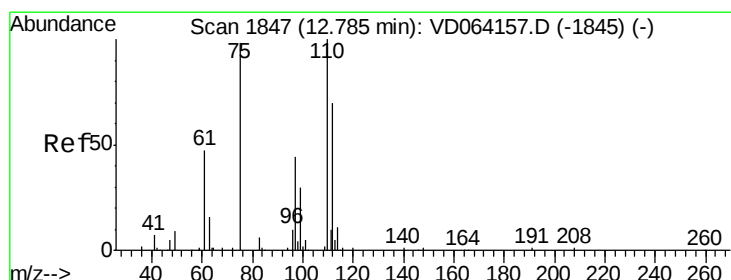
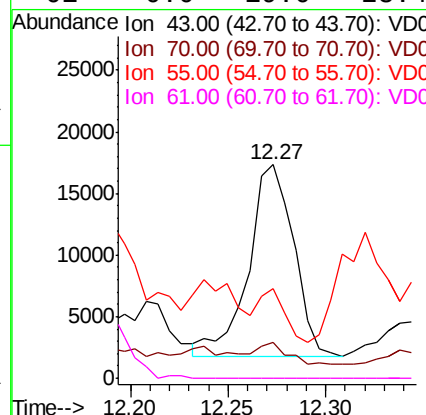
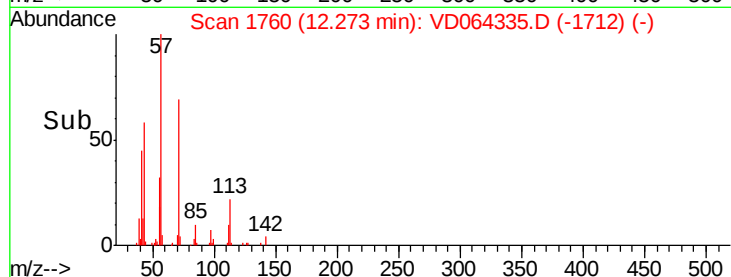
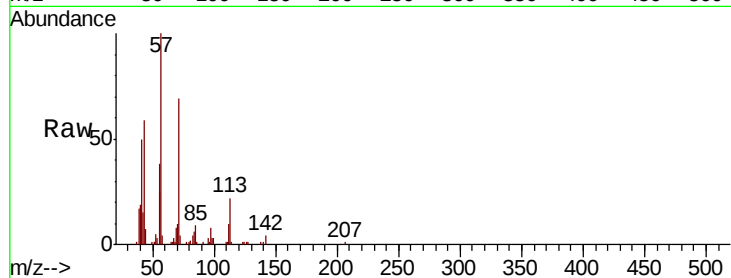




#74
N-amyl acetate
Concen: 2.768 ug/l
RT: 12.27 min Scan# 1760
Delta R.T. -0.02 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

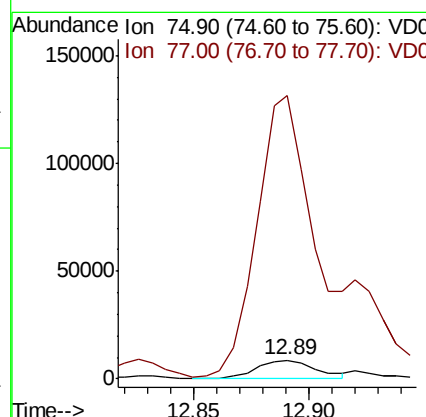
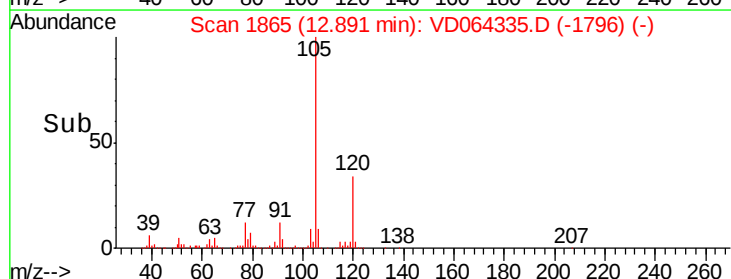
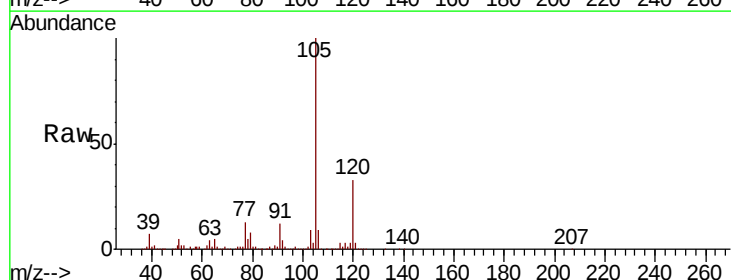
Instrument :
MSVOA_D
ClientSampleID :

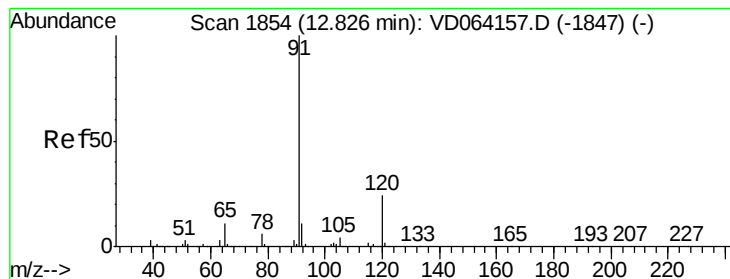
Tot Ion: 43 Resp: 25100
Ion Ratio Lower Upper
43 100
70 6.8 32.4 48.6#
55 15.3 17.9 26.9#
61 0.0 19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 3.568 ug/l
RT: 12.89 min Scan# 1865
Delta R.T. 0.11 min
Lab File: VD064335.D
Acq: 21 Nov 2019 20:18

Tgt Ion: 75 Resp: 15035
Ion Ratio Lower Upper
75 100
77 1813.7 0.0 0.0#





#78

n-propylbenzene

Concen: 7.413 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

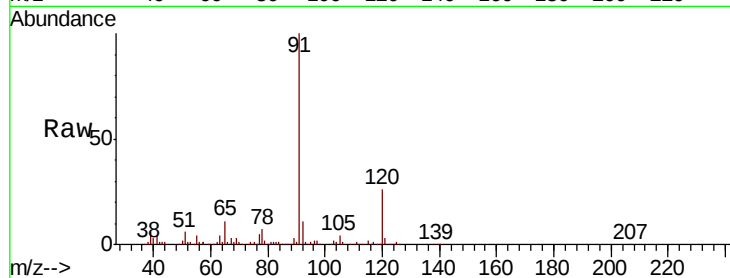
ClientSampleId :

Tot Ion: 91 Resp: 325265

Ion Ratio Lower Upper

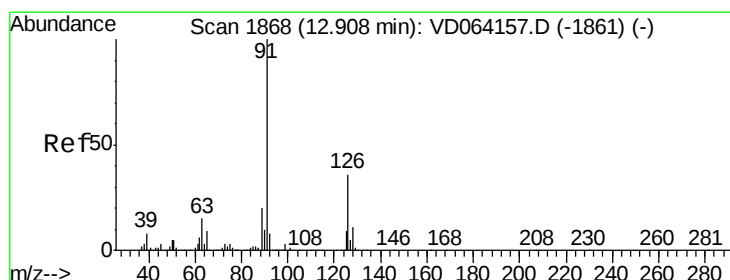
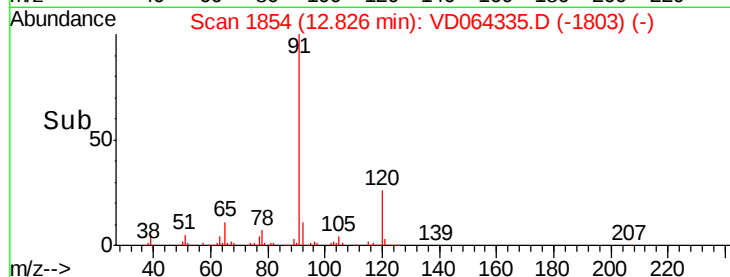
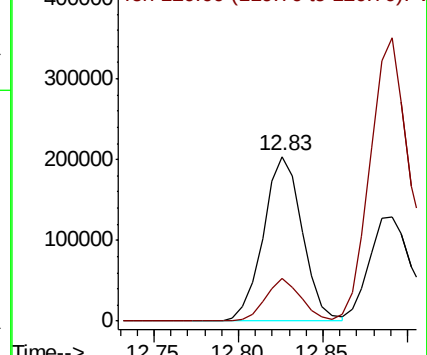
91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 11.232 ug/l

RT: 12.89 min Scan# 1865

Delta R.T. -0.02 min

Lab File: VD064335.D

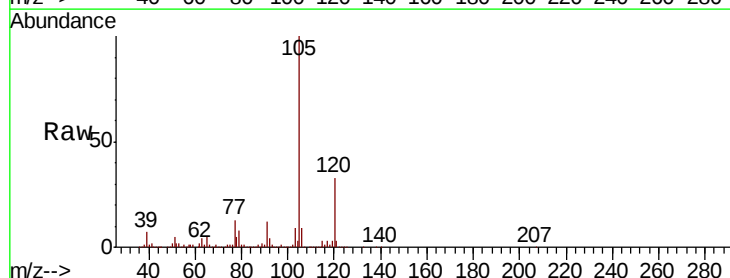
Acq: 21 Nov 2019 20:18

Tgt Ion: 91 Resp: 278234

Ion Ratio Lower Upper

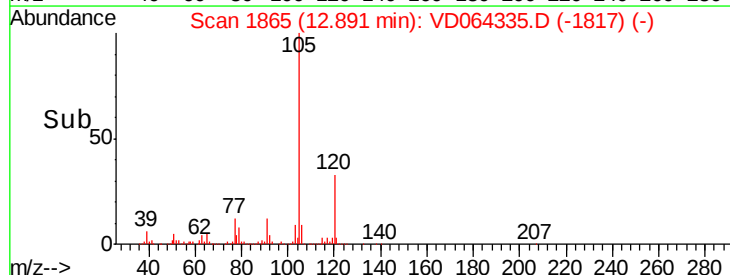
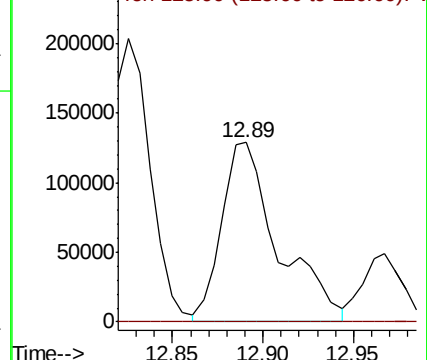
91 100

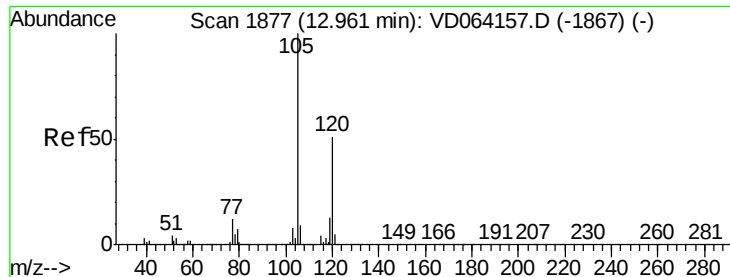
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 21.602 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

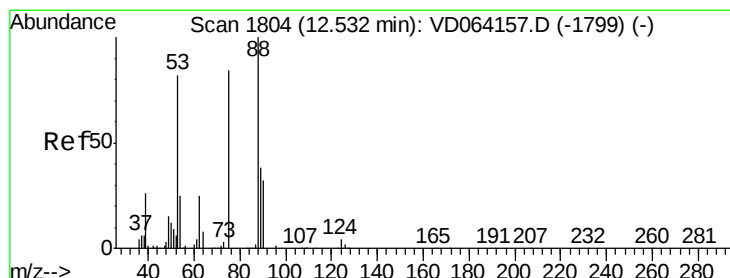
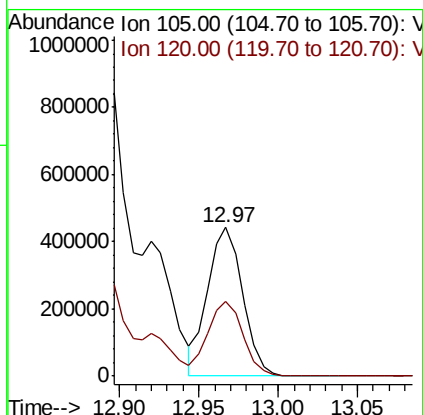
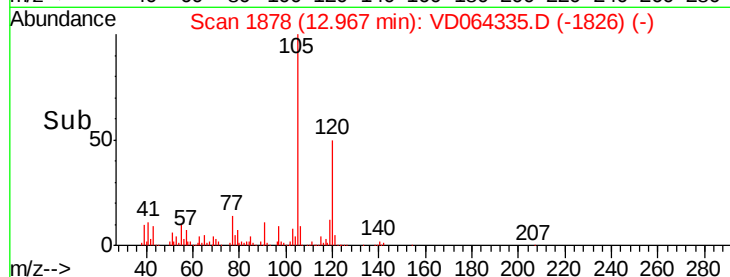
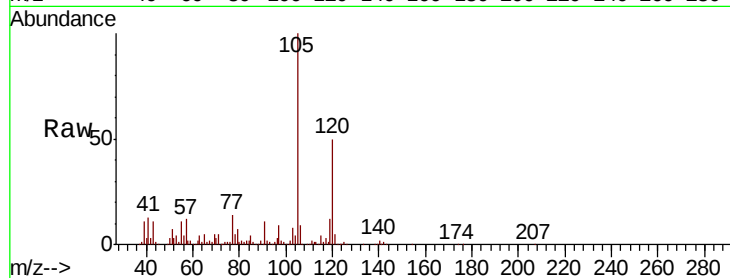
ClientSampled :

Tot Ion:105 Resp: 681649

Ion Ratio Lower Upper

105 100

120 50.6 25.4 76.4



#81

trans-1,4-Dichloro-2-butene

Concen: 112.403 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

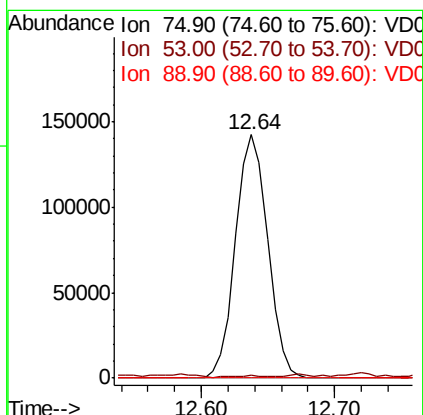
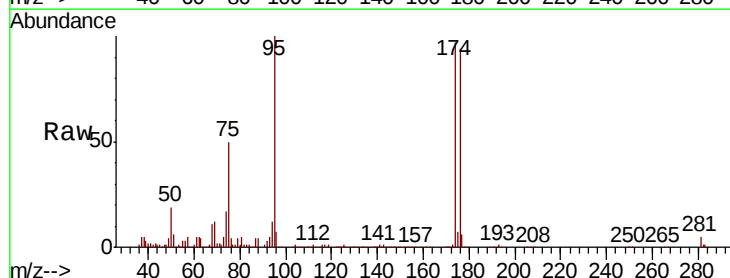
Tgt Ion: 75 Resp: 238464

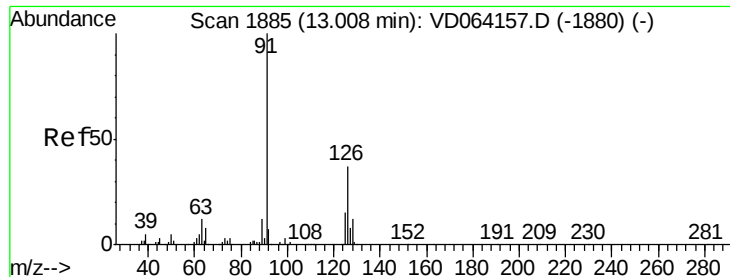
Ion Ratio Lower Upper

75 100

53 0.7 79.4 119.0#

89 0.0 36.6 55.0#





#82

4-Chlorotoluene

Concen: 2.916 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.04 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

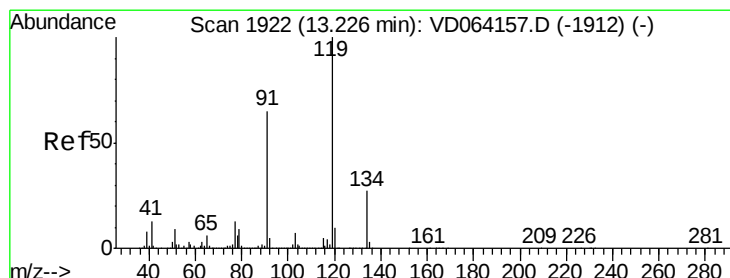
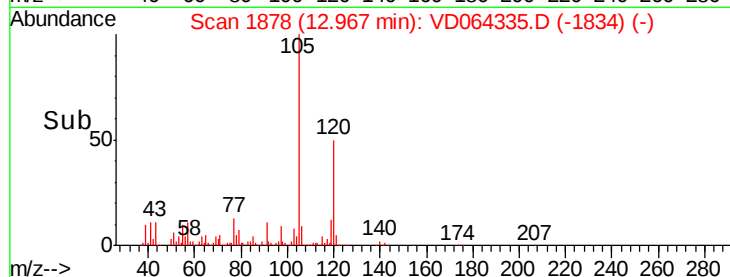
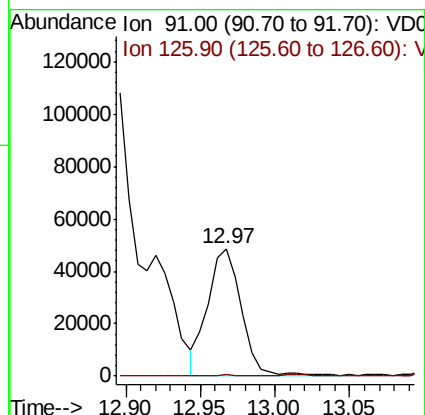
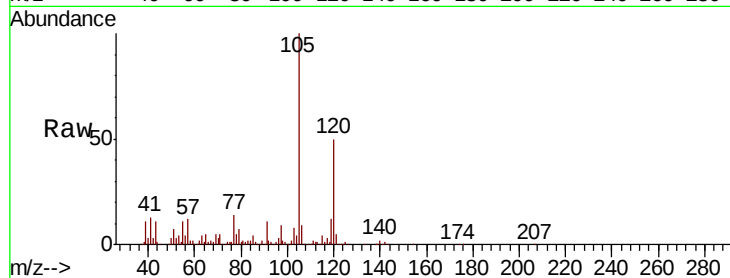
ClientSampleId :

Tot Ion: 91 Resp: 75347

Ion Ratio Lower Upper

91 100

126 0.9 17.8 53.4#



#83

tert-Butylbenzene

Concen: 11.880 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.05 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

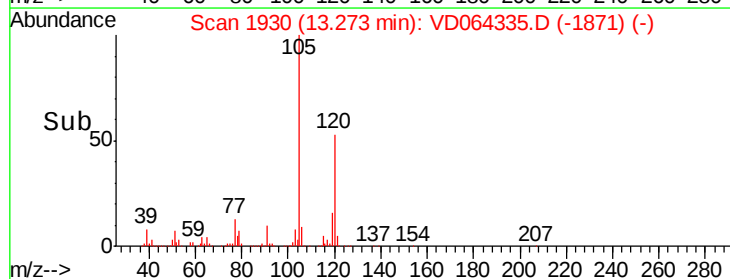
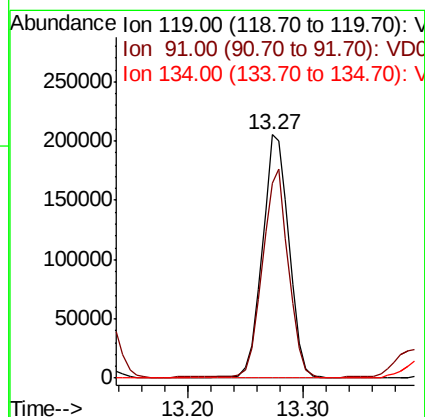
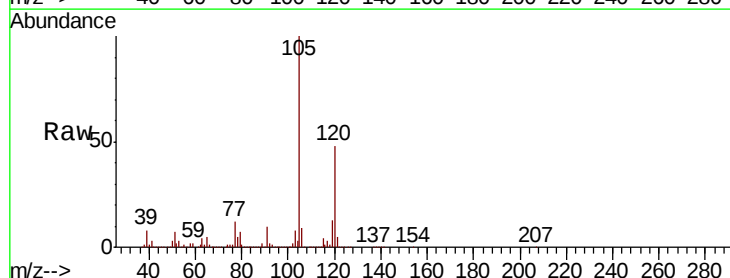
Tgt Ion: 119 Resp: 330549

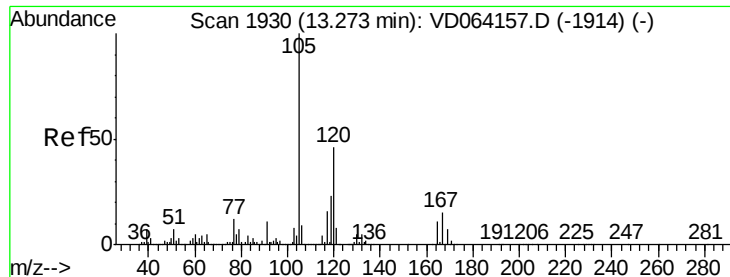
Ion Ratio Lower Upper

119 100

91 82.6 31.8 95.4

134 0.0 13.7 41.0#





#84

1,2,4-Trimethylbenzene

Concen: 82.606 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

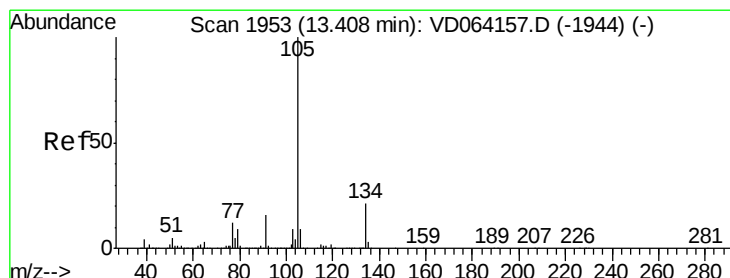
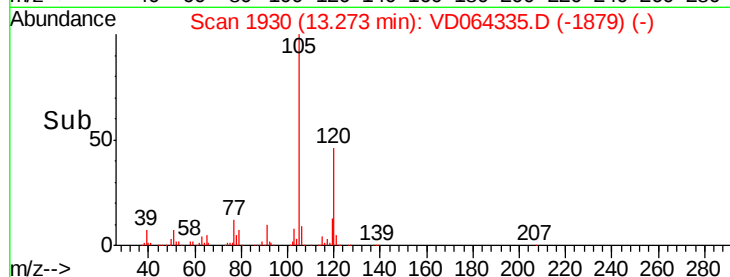
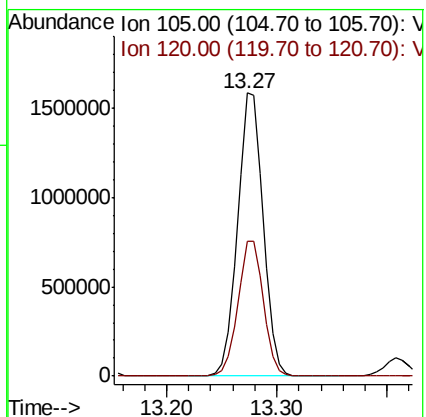
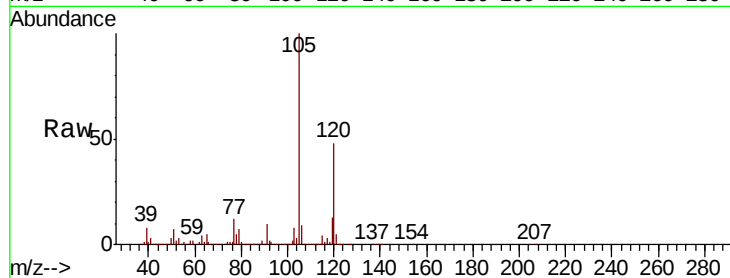
ClientSampleId :

Tot Ion:105 Resp: 2573442

Ion Ratio Lower Upper

105 100

120 47.5 23.3 69.8



#85

sec-Butylbenzene

Concen: 4.210 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064335.D

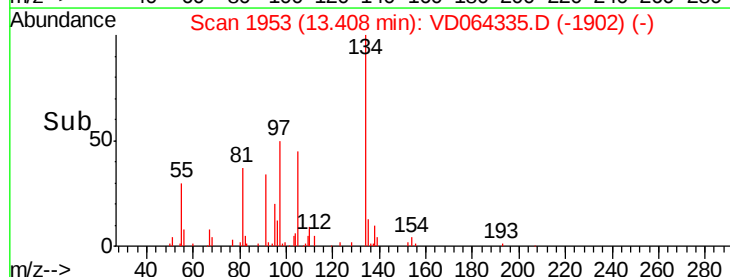
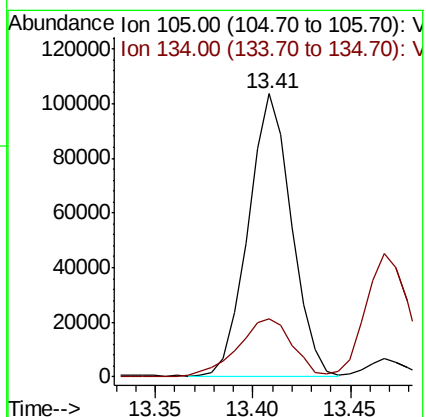
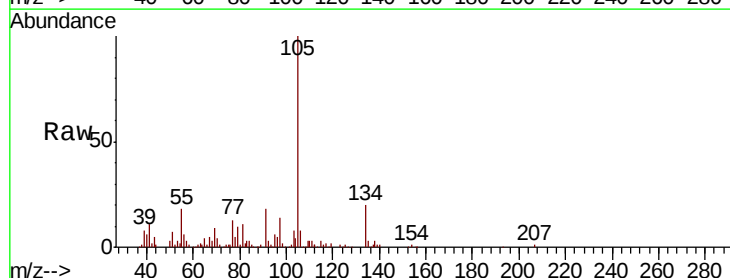
Acq: 21 Nov 2019 20:18

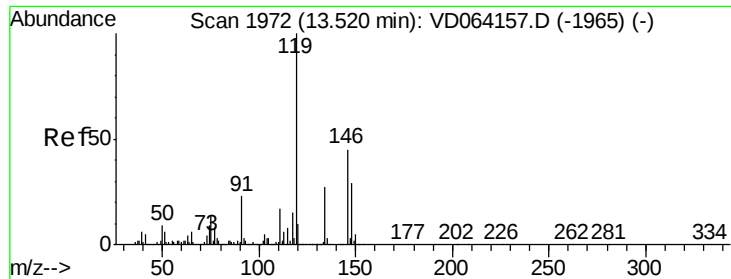
Tgt Ion:105 Resp: 157316

Ion Ratio Lower Upper

105 100

134 26.3 10.7 31.9

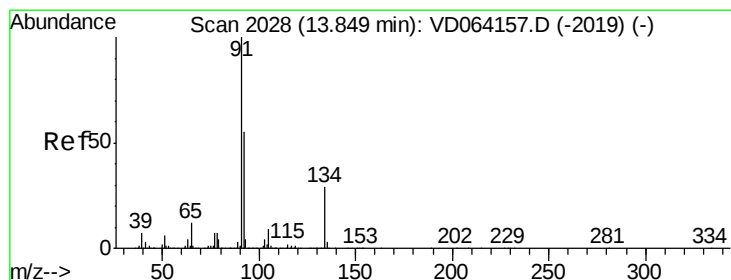
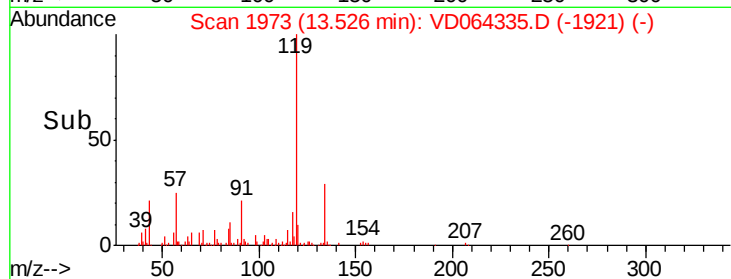
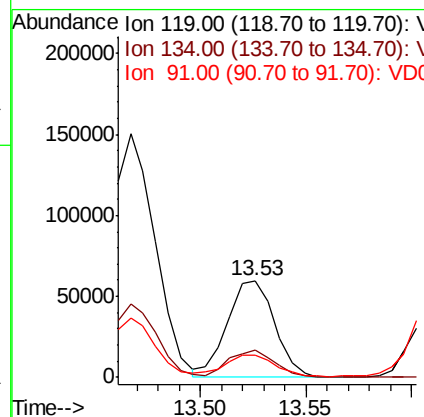
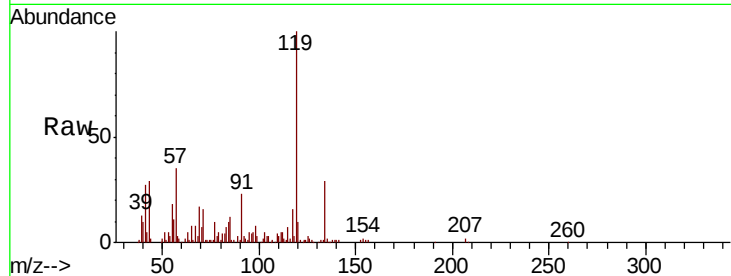




#86
 p-Isopropyltoluene
 Concen: 2.615 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064335.D
 Acq: 21 Nov 2019 20:18

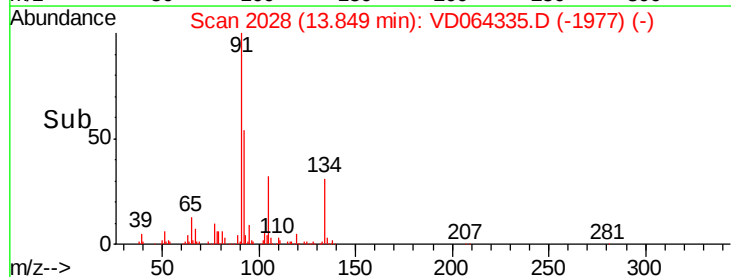
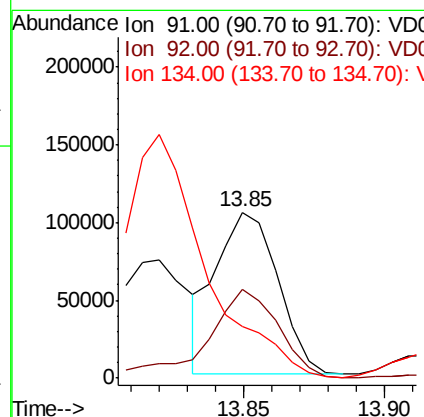
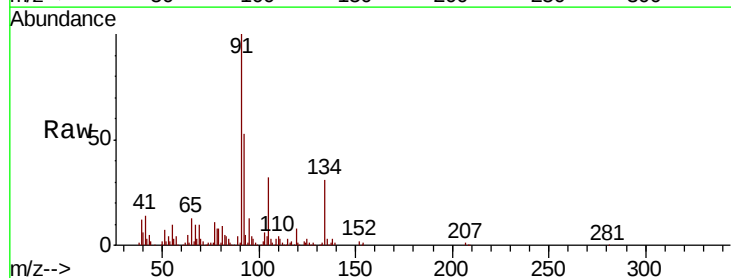
Instrument :
 MSVOA_D
 ClientSampleId :

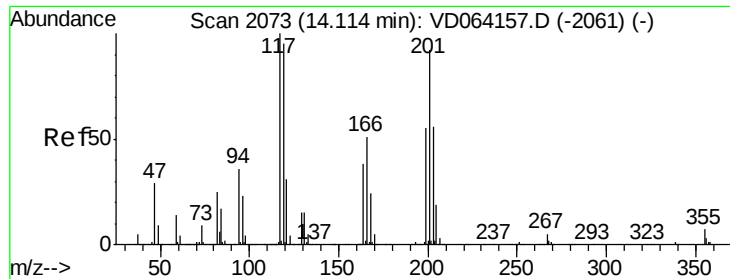
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.5	40.5
91	24.2	11.5	34.4



#89
 n-Butylbenzene
 Concen: 4.902 ug/l
 RT: 13.85 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: VD064335.D
 Acq: 21 Nov 2019 20:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.3	27.3	81.8
134	0.0	14.1	42.4#





#90

Hexachloroethane

Concen: 8.806 ug/l

RT: 14.13 min Scan# 2076

Delta R.T. 0.02 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

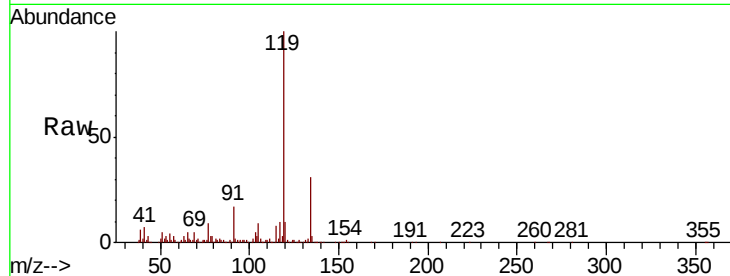
ClientSampleId :

Tot Ion:117 Resp: 57820

Ion Ratio Lower Upper

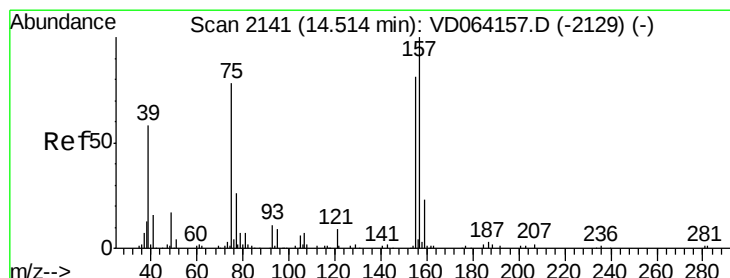
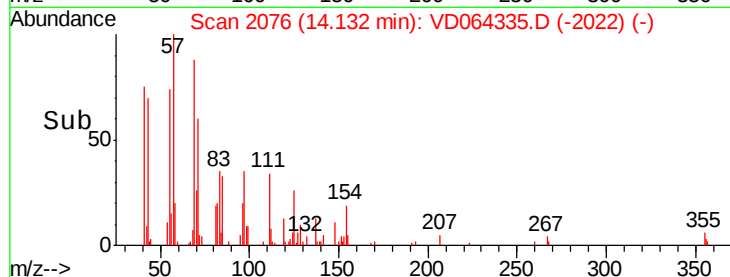
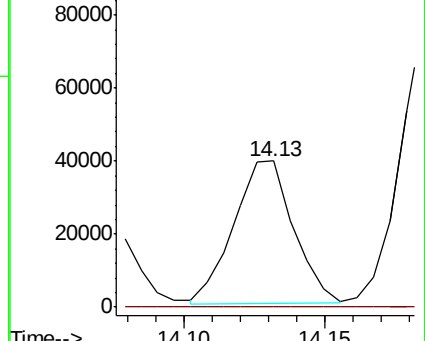
117 100

201 0.0 45.8 137.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.217 ug/l

RT: 14.54 min Scan# 2145

Delta R.T. 0.02 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

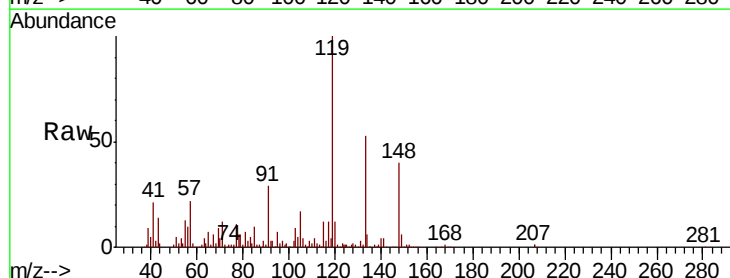
Tgt Ion: 75 Resp: 1259

Ion Ratio Lower Upper

75 100

155 45.6 48.0 144.0#

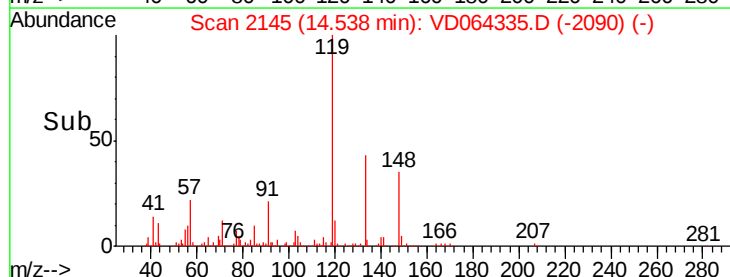
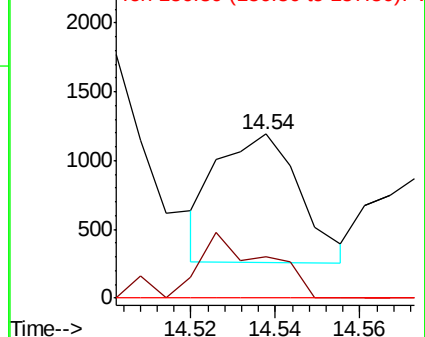
157 0.0 61.5 184.4#

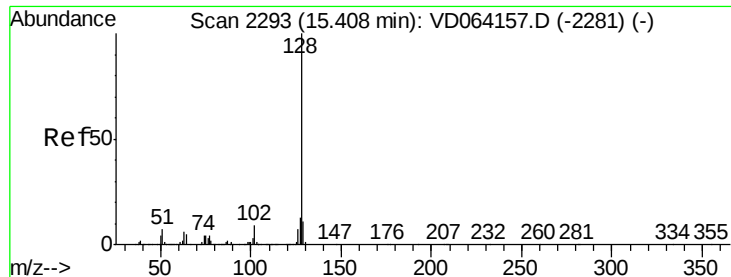


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 10.616 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD064335.D

Acq: 21 Nov 2019 20:18

Instrument :

MSVOA_D

ClientSampleId :

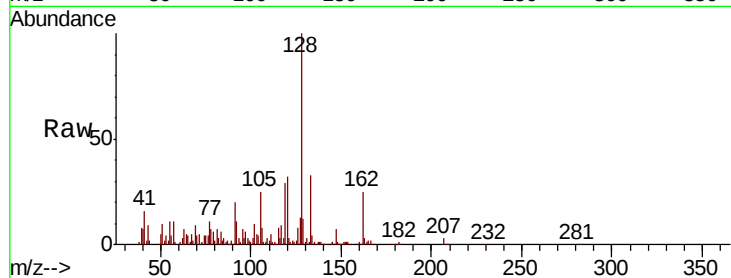
Tot Ion:128 Resp: 196774

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

129 14.0 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

