

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064259.D
 Acq On : 18 Nov 2019 12:38
 Operator : VA/SY
 Sample : K5818-01
 Misc : 1.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:36:34 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	7.98	168	666751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	991051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	730498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	258605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	325997	59.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.90%	
35) Dibromofluoromethane	7.92	113	325223	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
50) Toluene-d8	10.35	98	987480	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
62) 4-Bromofluorobenzene	12.64	95	285138	38.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.74%	

Target Compounds

						Qvalue
10) Methyl Iodide	4.30	142	1674	2.271	ug/l #	72
11) Tert butyl alcohol	5.24	59	1893	4.942	ug/l #	72
13) Acrolein	3.92	56	572	1.765	ug/l #	49
16) Acetone	4.17	43	981441	755.491	ug/l	98
20) Methylene Chloride	4.96	84	12893	1.965	ug/l	94
25) 2-Butanone	7.21	43	12488	7.441	ug/l #	61
29) Tetrahydrofuran	7.59	42	2150	2.132	ug/l #	35
31) Cyclohexane	7.96	56	617496	57.374	ug/l #	51
38) Carbon Tetrachloride	7.98	117	61541	6.288	ug/l #	15
39) Methylcyclohexane	9.36	83	275061	23.766	ug/l	99
43) Isopropyl Acetate	8.45	43	256357	32.267	ug/l #	53
47) Bromodichloromethane	9.54	83	10143	1.156	ug/l #	25
48) Methyl methacrylate	9.41	41	11919	3.068	ug/l #	14
49) 1,4-Dioxane	9.46	88	321	8.205	ug/l #	69
51) 4-Methyl-2-Pentanone	10.11	43	26952	7.074	ug/l #	42
53) t-1,3-Dichloropropene	10.41	75	1175065	133.681	ug/l #	1
59) 2-Hexanone	11.00	43	3871	1.428	ug/l	94
64) Tetrachloroethene	10.88	164	6310	1.123	ug/l #	83
67) Ethyl Benzene	11.75	91	122803	4.570	ug/l	94
68) m/p-Xylenes	11.86	106	77567	7.531	ug/l	98
69) o-Xylene	12.18	106	32400	3.392	ug/l	100
74) N-amyl acetate	12.26	43	19483	4.347	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.76	83	8300	2.902	ug/l #	30
76) 1,2,3-Trichloropropane	12.64	75	148128	71.113	ug/l #	100
78) n-propylbenzene	12.83	91	28387	1.309	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	34706	2.225	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.64	75	148128	141.259	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.28	105	144164	9.362	ug/l	100
89) n-Butylbenzene	13.86	91	16313	1.028	ug/l #	77
90) Hexachloroethane	14.13	117	3696	1.139	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.48	75	538	1.052	ug/l #	1
95) Naphthalene	15.42	128	33128	3.616	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

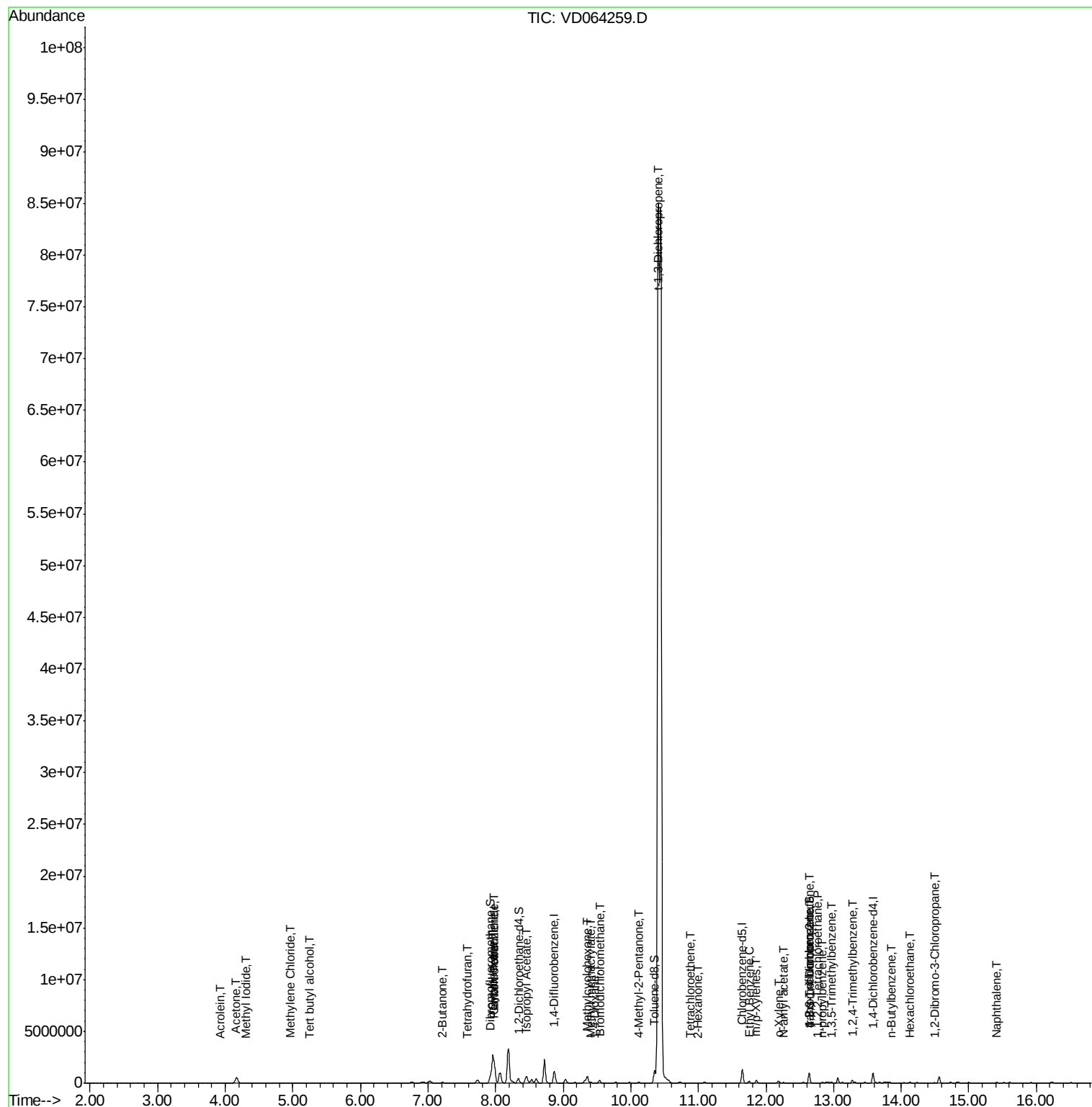
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

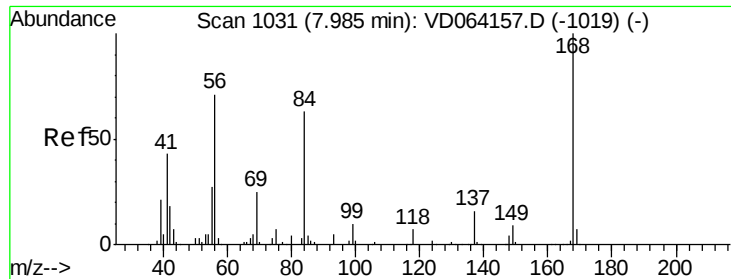
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

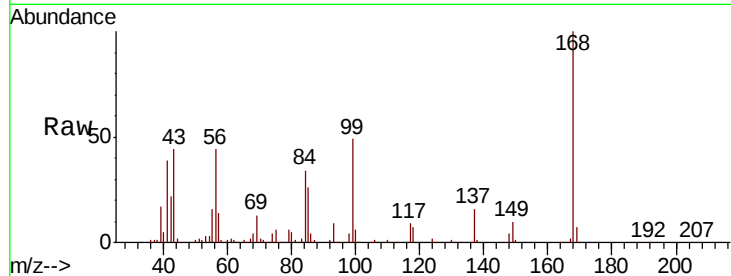
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 666751

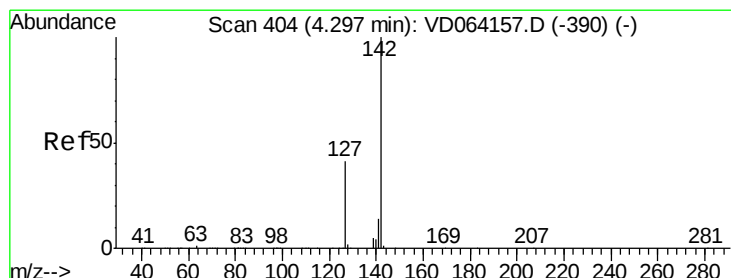
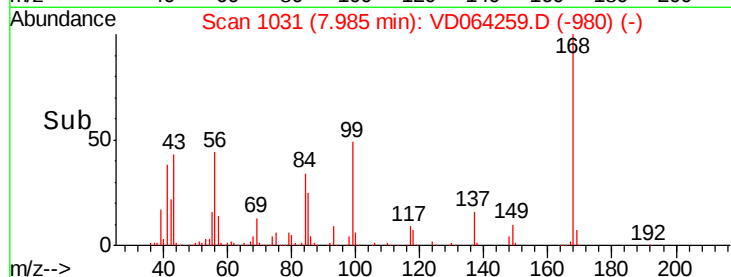
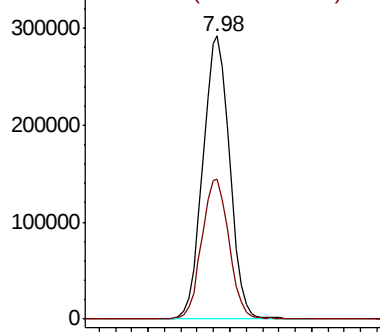
Ion Ratio Lower Upper

168 100

99 49.1 41.6 62.4



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



#10

Methyl Iodide

Concen: 2.271 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

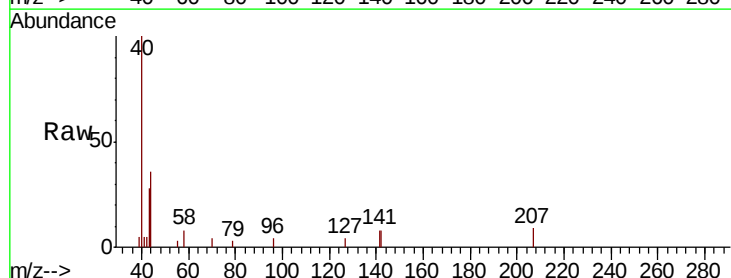
Tgt Ion:142 Resp: 1674

Ion Ratio Lower Upper

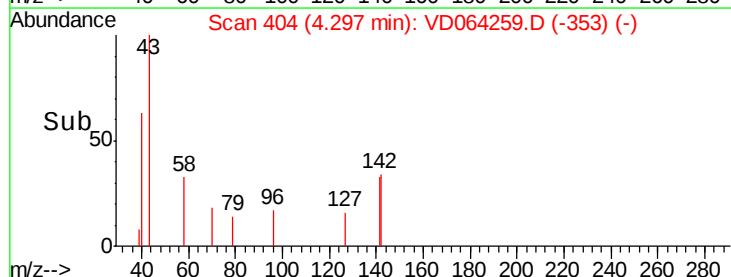
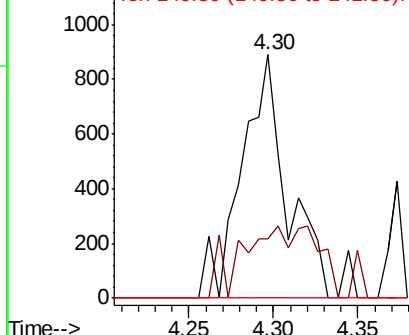
142 100

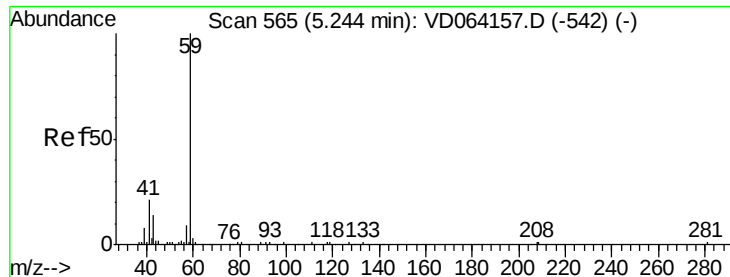
127 26.4 34.4 51.6#

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

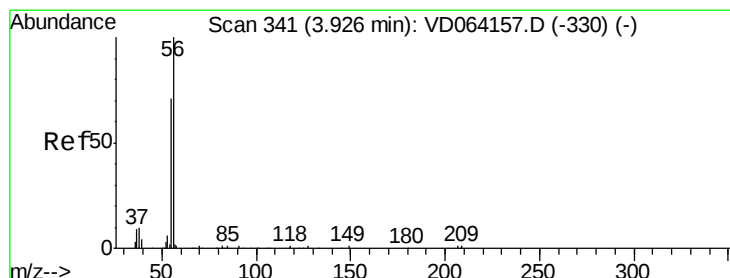
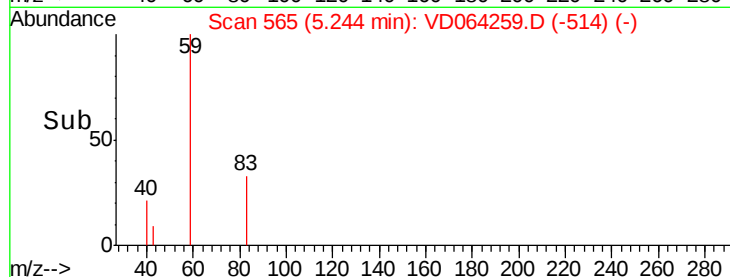
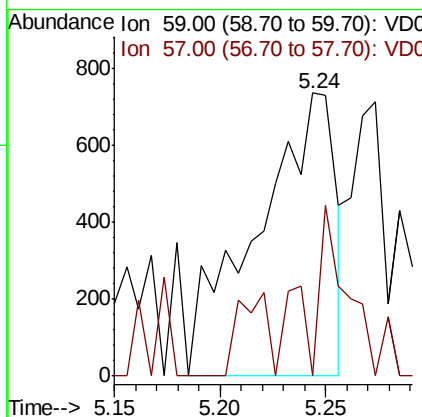
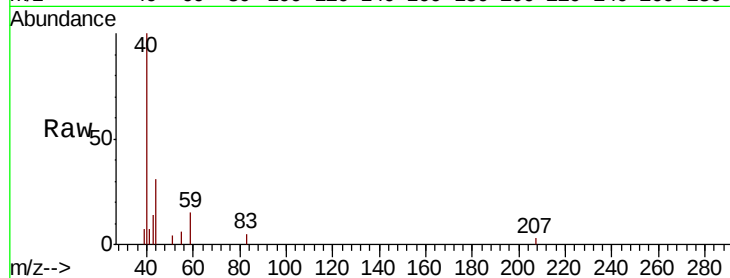




#11
Tert butyl alcohol
Concen: 4.942 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

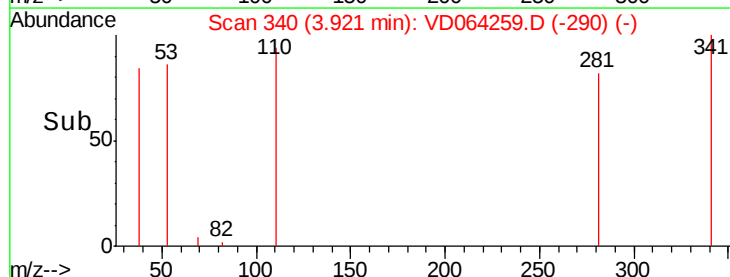
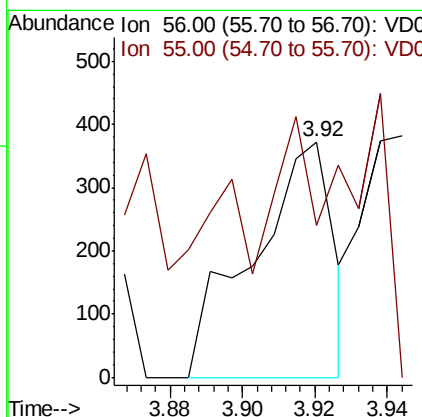
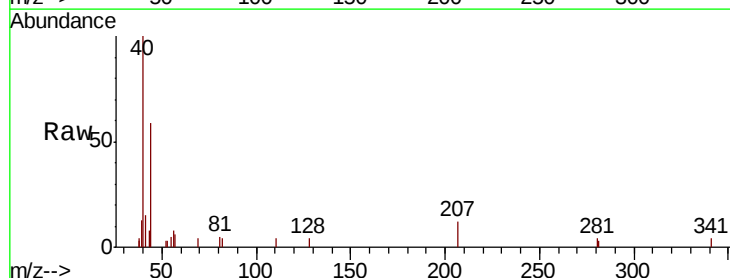
Instrument :
MSVOA_D
ClientSampleId :

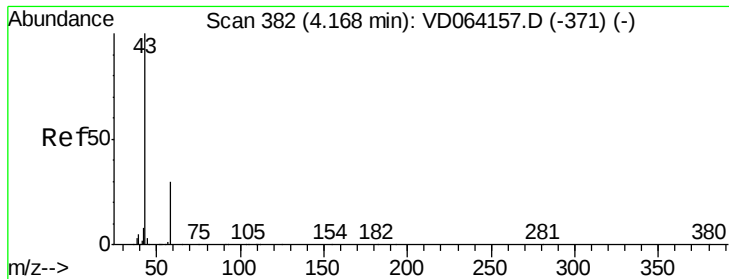
Tot Ion: 59 Resp: 1893
Ion Ratio Lower Upper
59 100
57 22.8 9.4 14.2#



#13
Acrolein
Concen: 1.765 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

Tgt Ion: 56 Resp: 572
Ion Ratio Lower Upper
56 100
55 28.0 56.1 84.1#

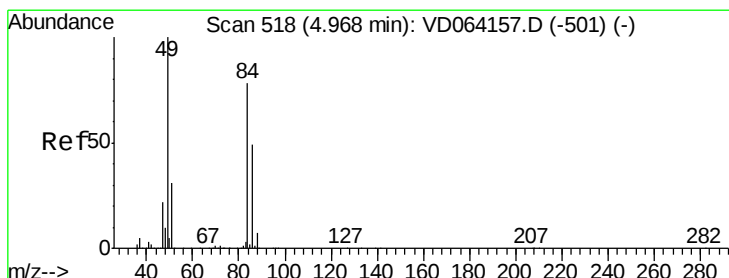
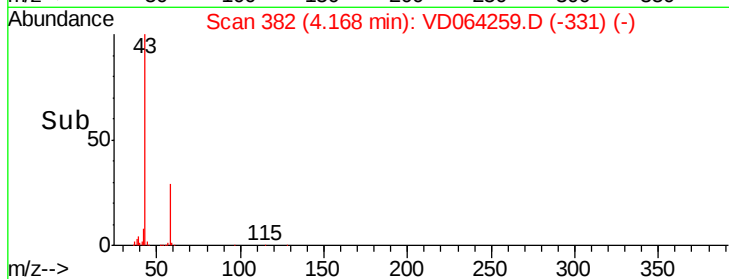
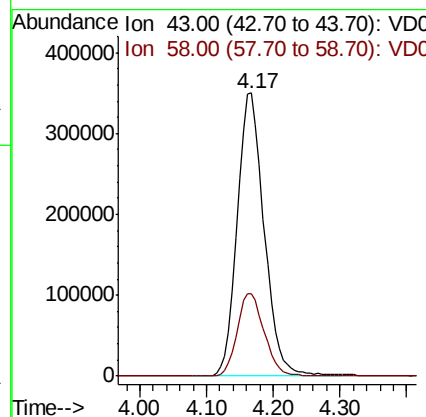
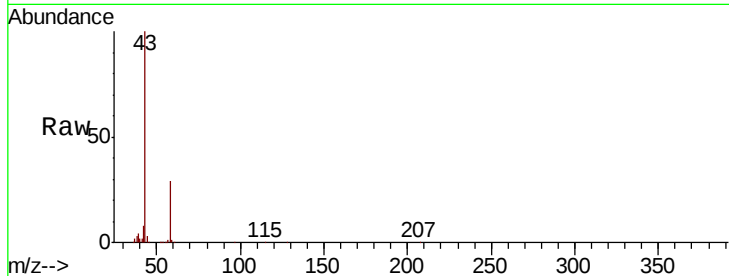




#16
Acetone
Concen: 755.491 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

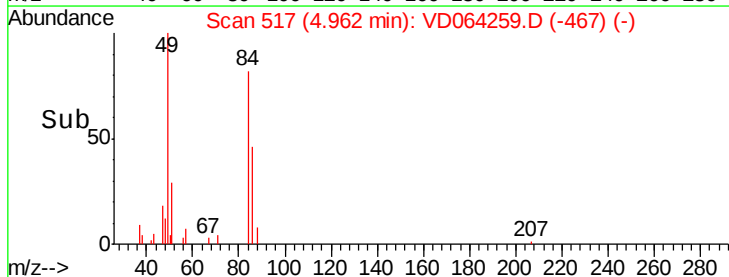
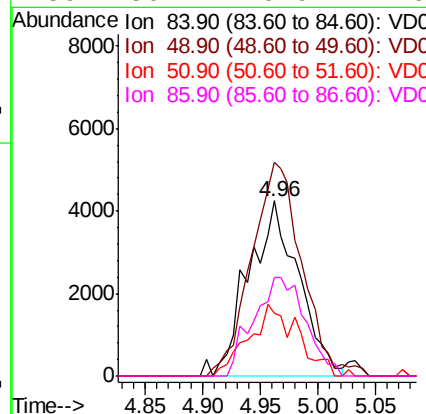
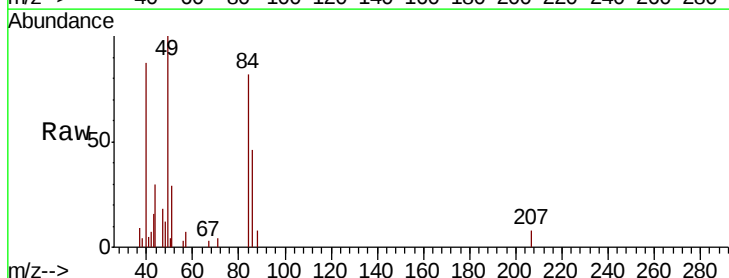
Instrument :
MSVOA_D
ClientSampleId :

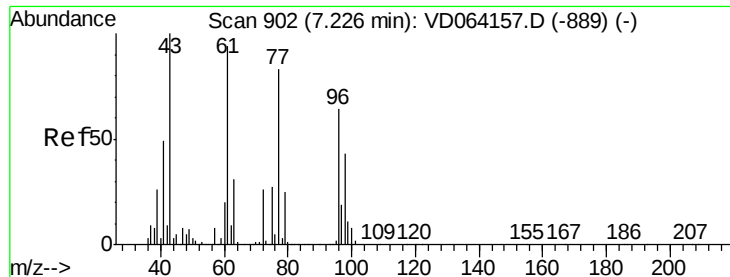
Tot Ion: 43 Resp: 981441
Ion Ratio Lower Upper
43 100
58 29.2 24.1 36.1



#20
Methylene Chloride
Concen: 1.965 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

Tgt Ion: 84 Resp: 12893
Ion Ratio Lower Upper
84 100
49 121.8 102.1 153.1
51 35.7 32.2 48.2
86 56.2 49.9 74.9

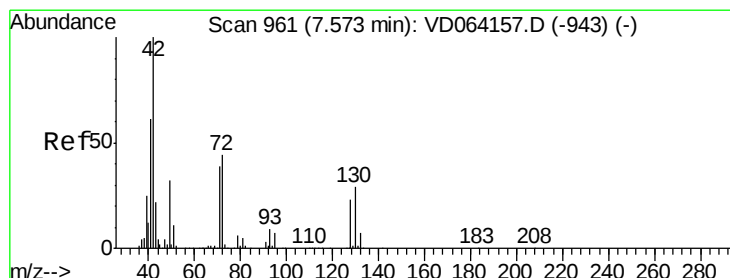
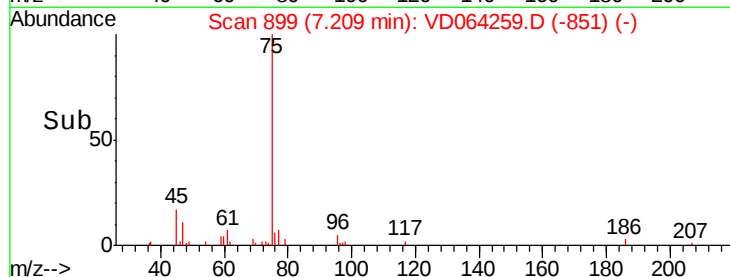
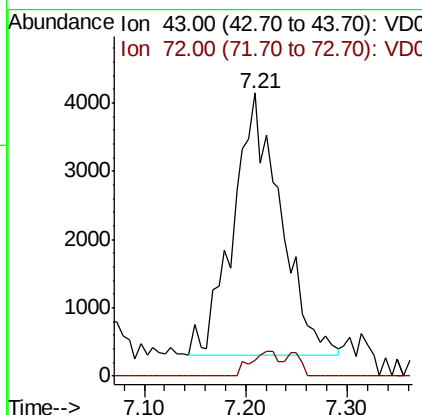
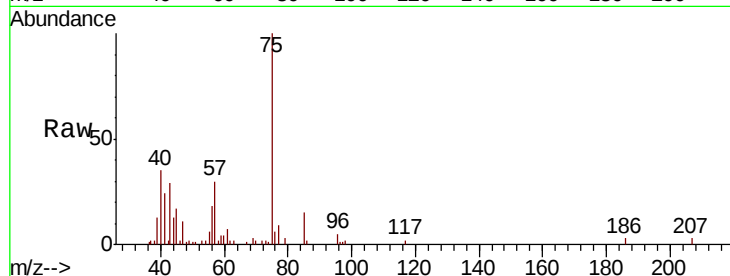




#25
2-Butanone
Concen: 7.441 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.02 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

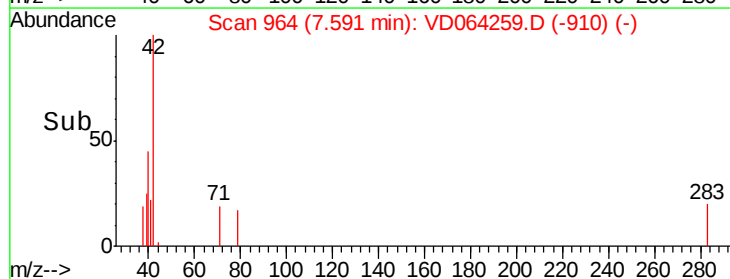
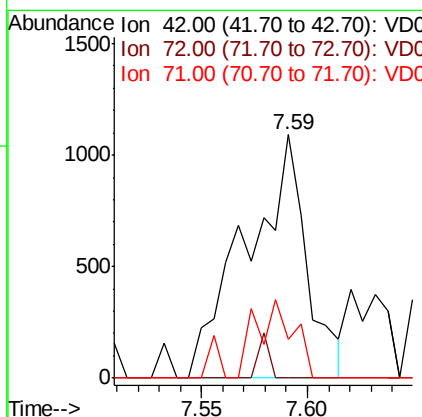
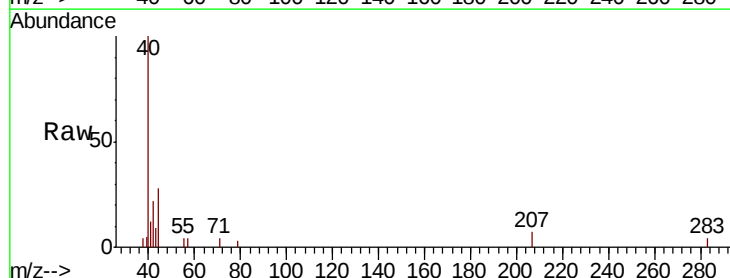
Instrument :
MSVOA_D
ClientSampleId :

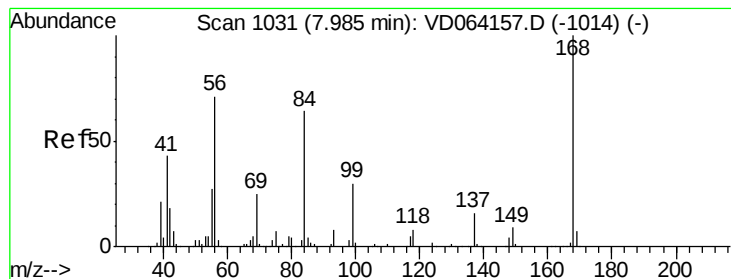
Tot Ion: 43 Resp: 12488
Ion Ratio Lower Upper
43 100
72 5.8 20.6 30.8#



#29
Tetrahydrofuran
Concen: 2.132 ug/l
RT: 7.59 min Scan# 964
Delta R.T. 0.02 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

Tgt Ion: 42 Resp: 2150
Ion Ratio Lower Upper
42 100
72 0.0 33.4 50.2#
71 0.0 31.0 46.4#





#31

Cvclohexane

Concen: 57.374 ug/l

RT: 7.96 min Scan# 1027

Delta R.T. -0.02 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

ClientSampled :

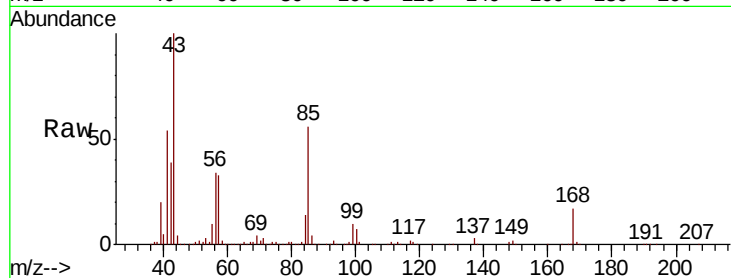
Tot Ion: 56 Resp: 617496

Ion Ratio Lower Upper

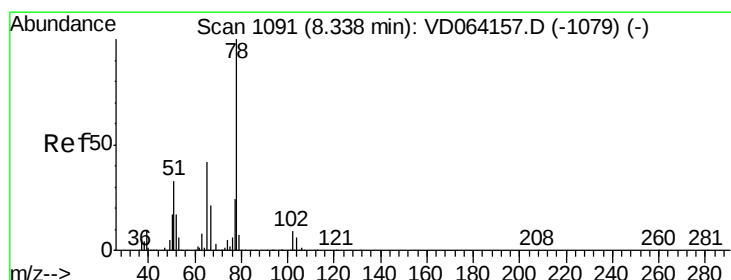
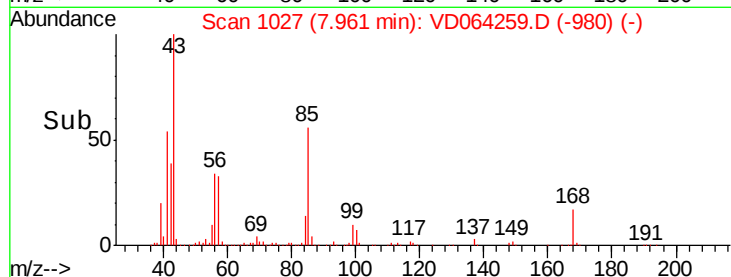
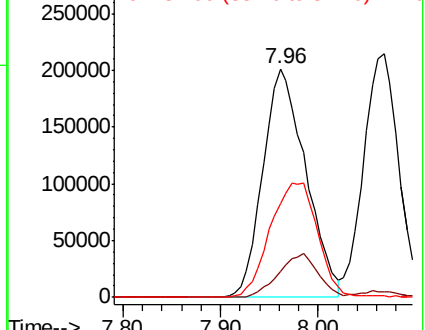
56 100

69 11.3 28.2 42.4#

84 41.1 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: 59.449 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064259.D

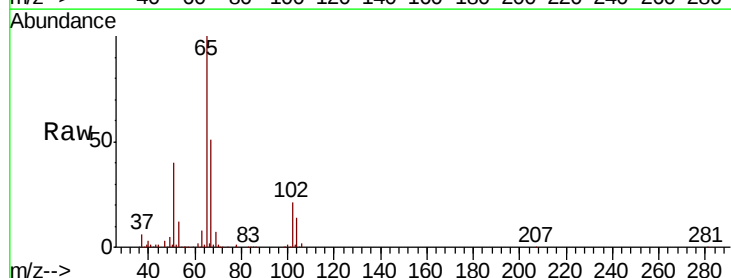
Acq: 18 Nov 2019 12:38

Tgt Ion: 65 Resp: 325997

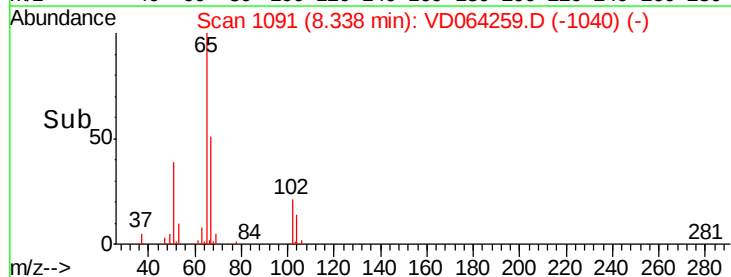
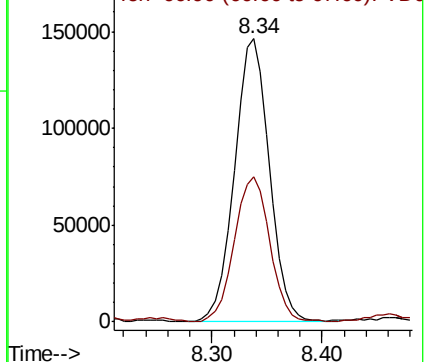
Ion Ratio Lower Upper

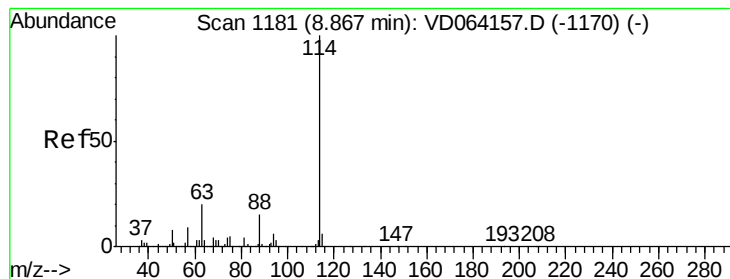
65 100

67 51.3 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: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

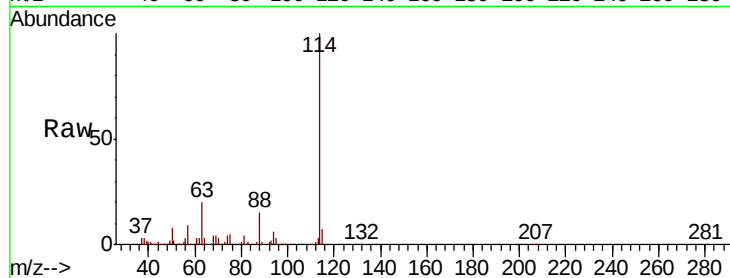
Tot Ion:114 Resp: 991051

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.3 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

600000

400000

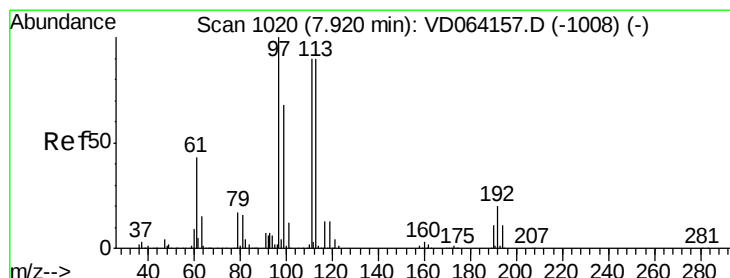
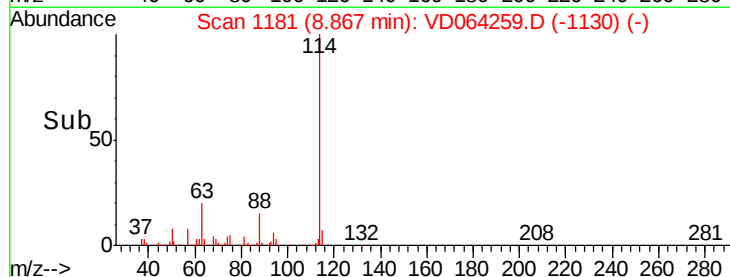
200000

0

8.87

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 57.169 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

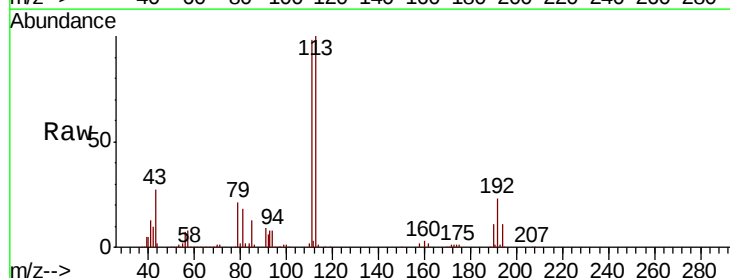
Tgt Ion:113 Resp: 325223

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

192 23.9 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

150000

100000

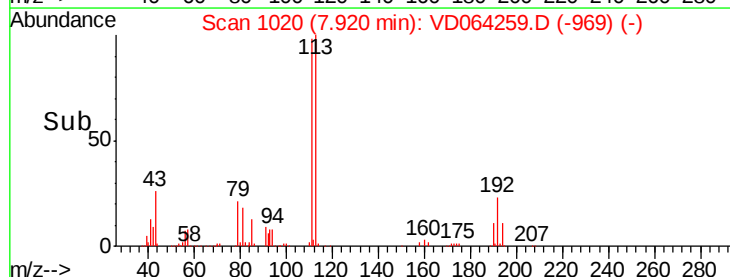
50000

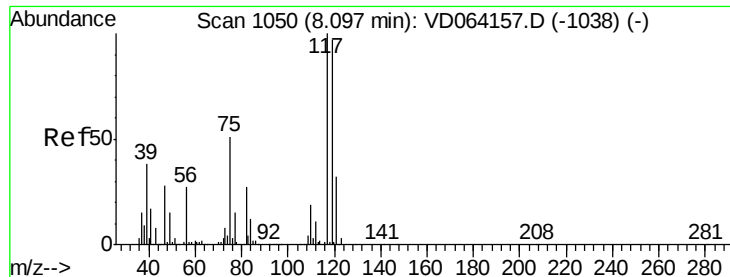
0

7.92

7.80 7.90 8.00 8.10

Time-->





#38

Carbon Tetrachloride

Concen: 6.288 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

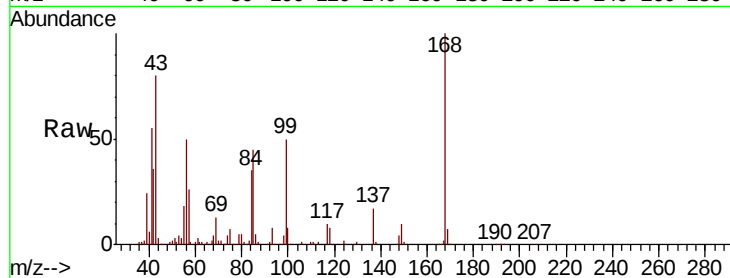
Tot Ion:117 Resp: 61541

Ion Ratio Lower Upper

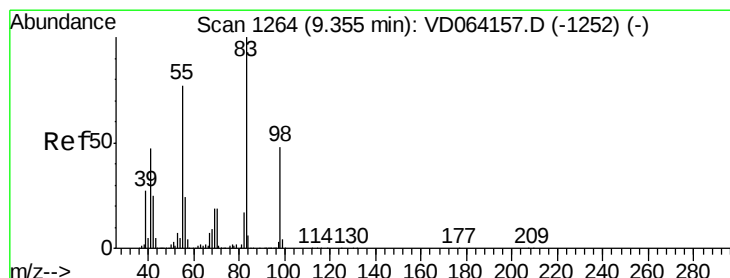
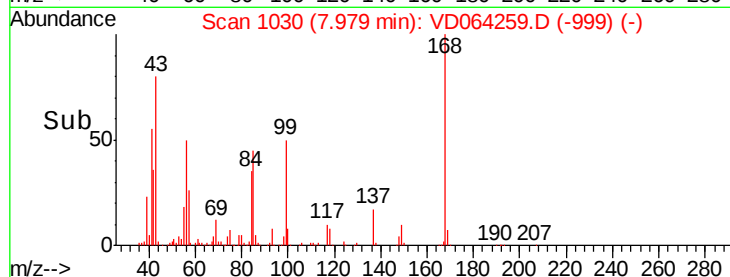
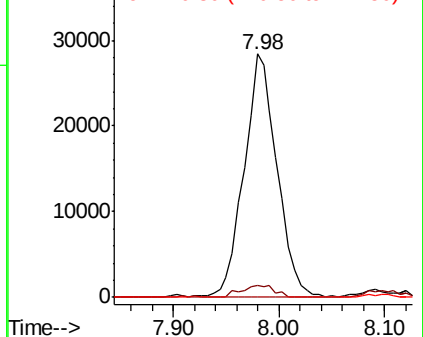
117 100

119 4.7 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



#39

Methylcyclohexane

Concen: 23.766 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

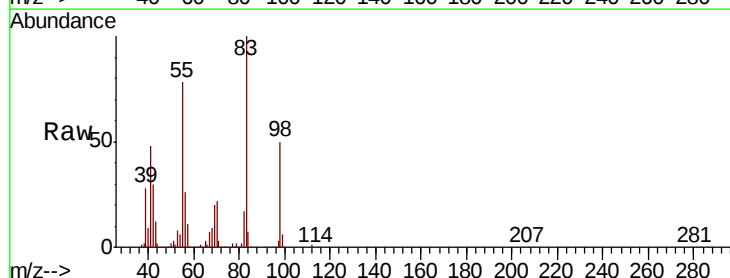
Tgt Ion: 83 Resp: 275061

Ion Ratio Lower Upper

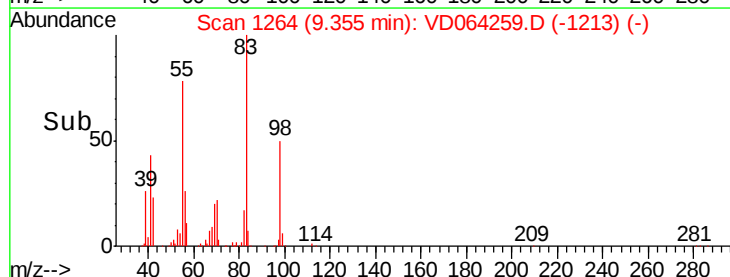
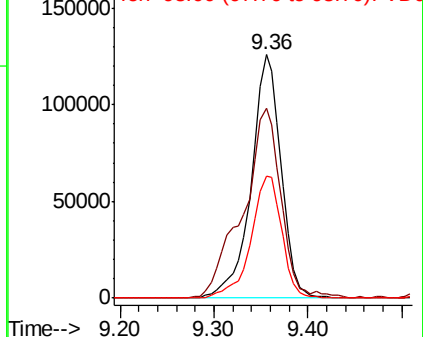
83 100

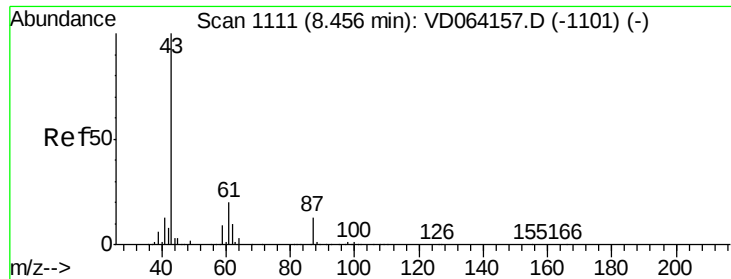
55 77.6 61.7 92.5

98 50.1 38.6 58.0



Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC





#43

Isopropyl Acetate

Concen: 32.267 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

ClientSampled :

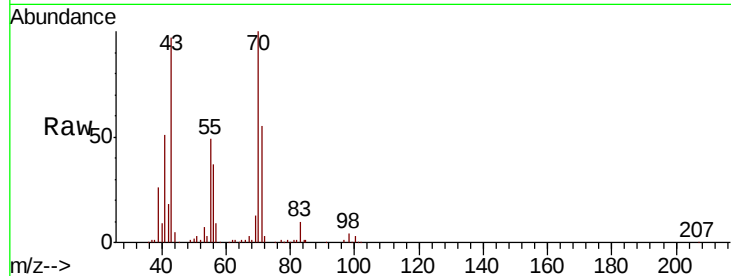
Tot Ion: 43 Resp: 256357

Ion Ratio Lower Upper

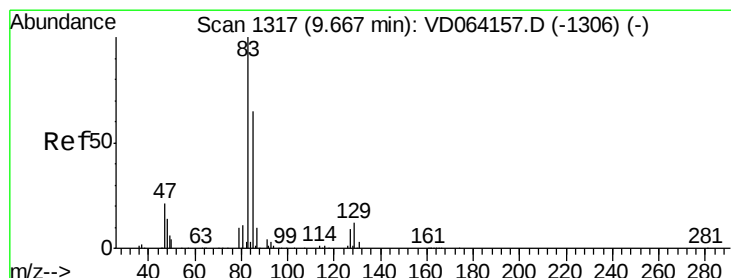
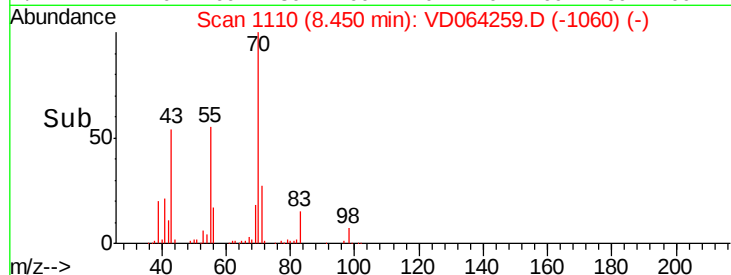
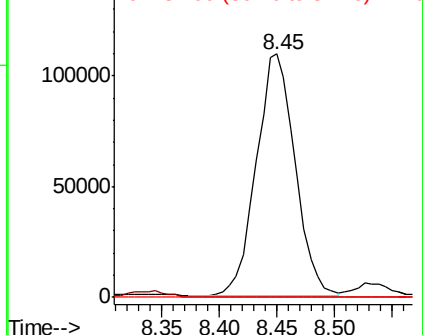
43 100

61 0.2 22.9 34.3#

87 0.0 10.2 15.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#47

Bromodichloromethane

Concen: 1.156 ug/l

RT: 9.54 min Scan# 1296

Delta R.T. -0.12 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

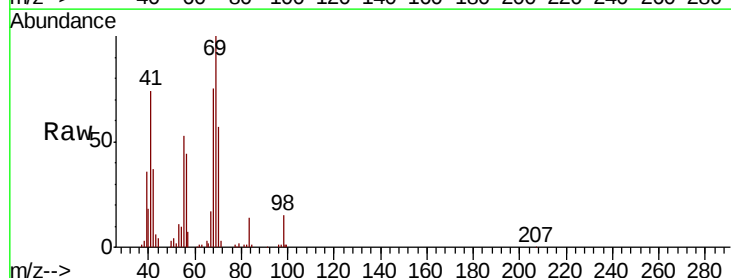
Tgt Ion: 83 Resp: 10143

Ion Ratio Lower Upper

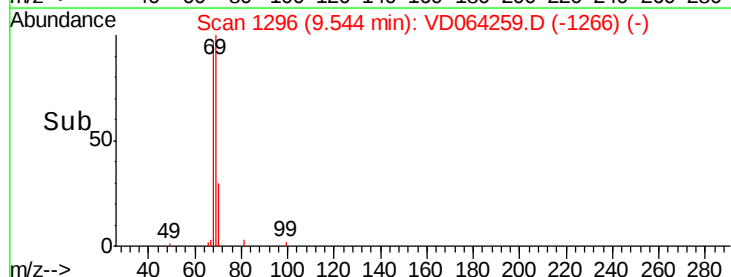
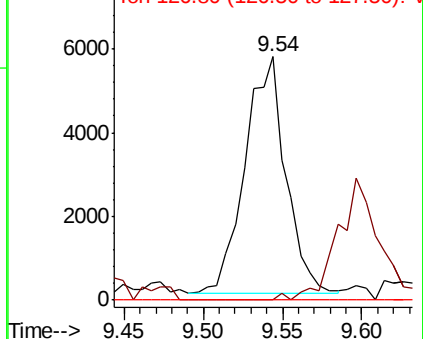
83 100

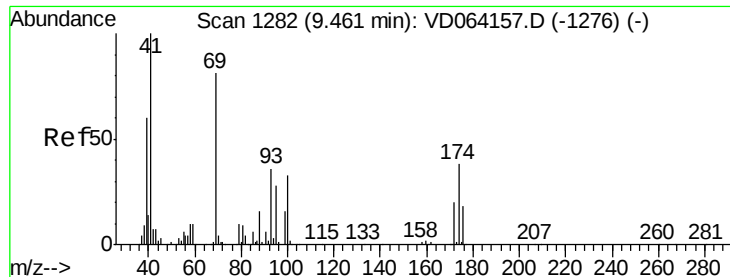
85 0.0 52.2 78.4#

127 0.0 7.5 11.3#



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

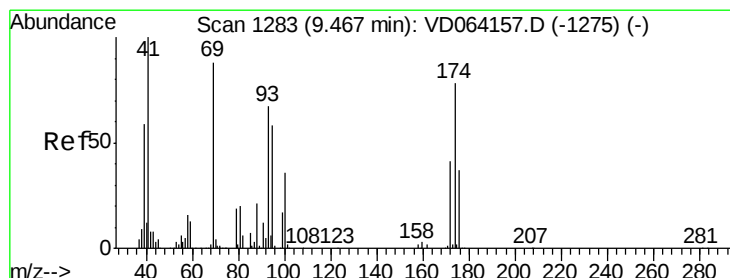
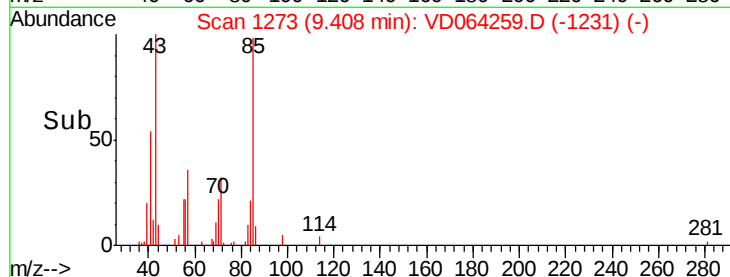
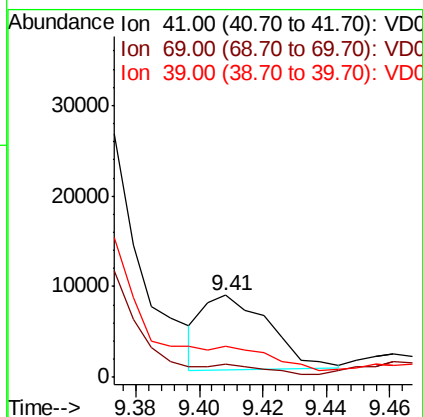
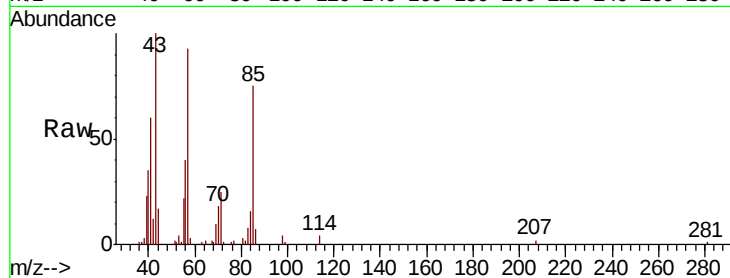




#48
Methvl methacrvlate
Concen: 3.068 ug/l
RT: 9.41 min Scan# 1273
Delta R.T. -0.05 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

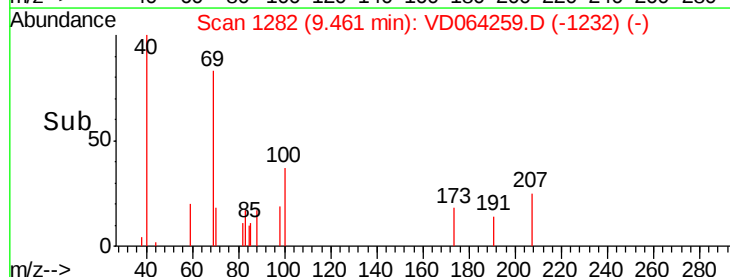
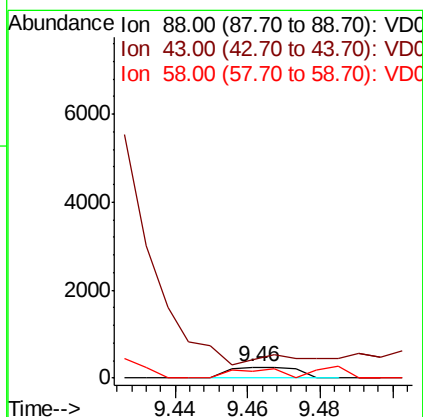
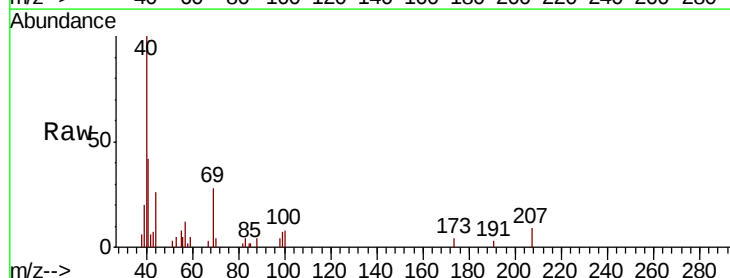
Instrument :
MSVOA_D
ClientSampled :

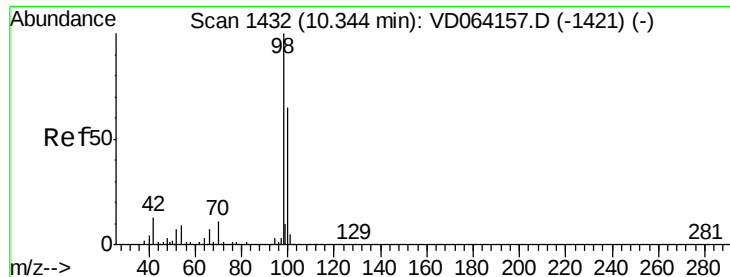
Tot Ion: 41 Resp: 11919
Ion Ratio Lower Upper
41 100
69 0.0 64.6 97.0#
39 0.0 48.2 72.2#



#49
1,4-Dioxane
Concen: 8.205 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

Tgt Ion: 88 Resp: 321
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.8#
58 60.7 58.1 87.1

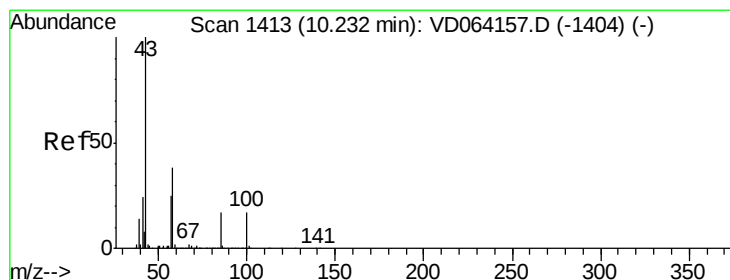
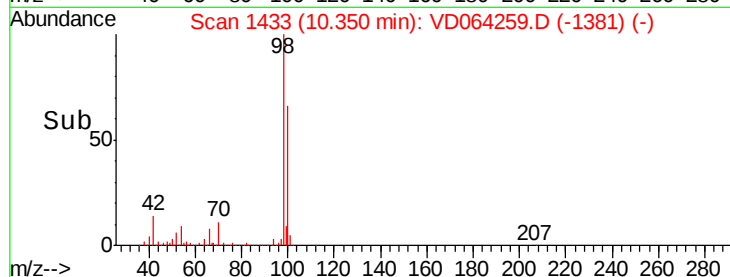
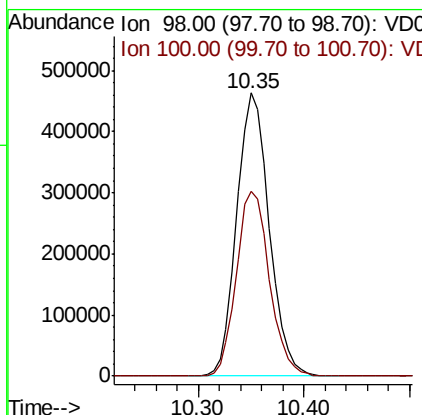
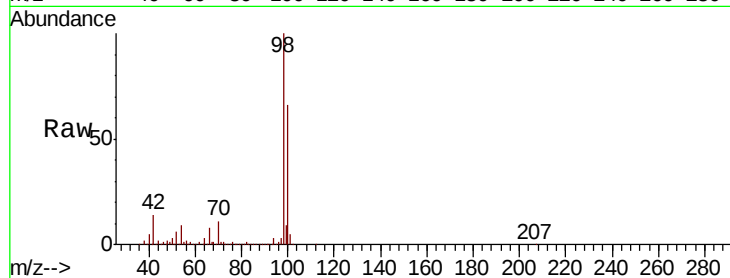




#50
Toluene-d8
Concen: 46.014 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

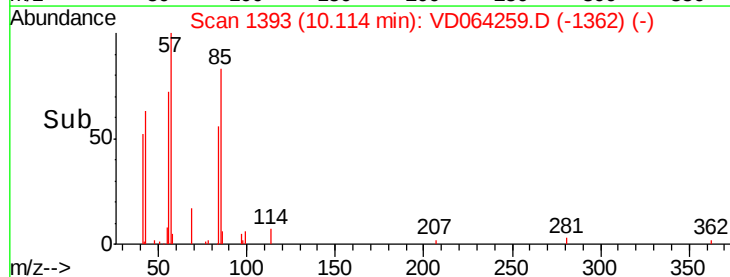
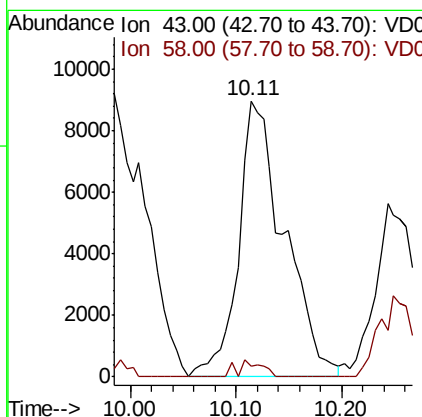
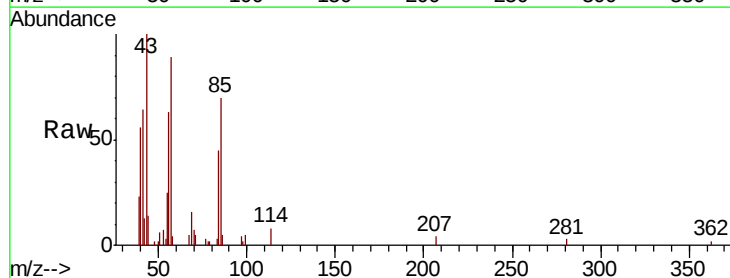
Instrument :
MSVOA_D
ClientSampleId :

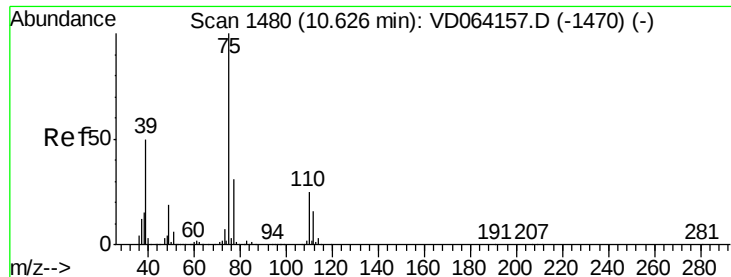
Tot Ion: 98 Resp: 987480
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 7.074 ug/l
RT: 10.11 min Scan# 1393
Delta R.T. -0.12 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

Tgt Ion: 43 Resp: 26952
Ion Ratio Lower Upper
43 100
58 3.2 30.2 45.4#





#53

t-1,3-Dichloropropene

Concen: 133.681 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.22 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

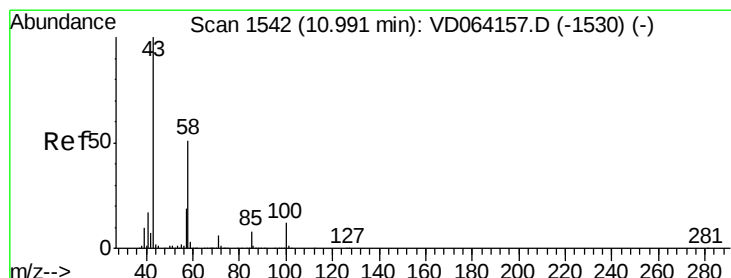
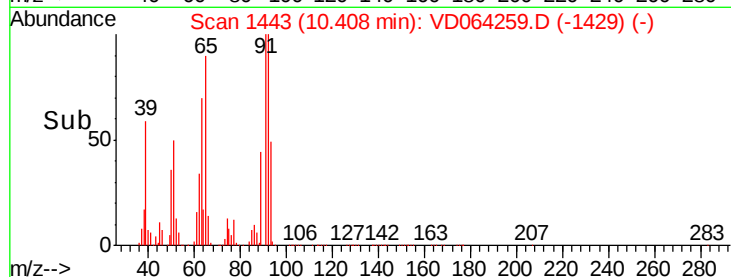
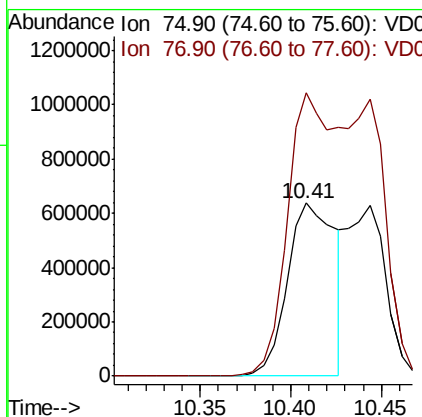
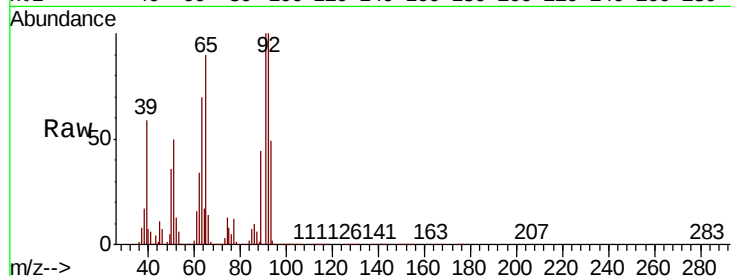
ClientSampled :

Tot Ion: 75 Resp: 1175065

Ion Ratio Lower Upper

75 100

77 163.7 24.7 37.1#



#59

2-Hexanone

Concen: 1.428 ug/l

RT: 11.00 min Scan# 1543

Delta R.T. 0.01 min

Lab File: VD064259.D

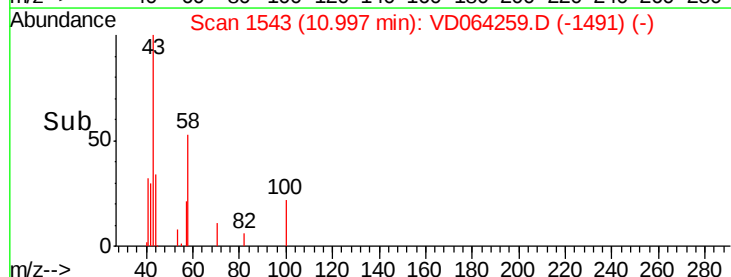
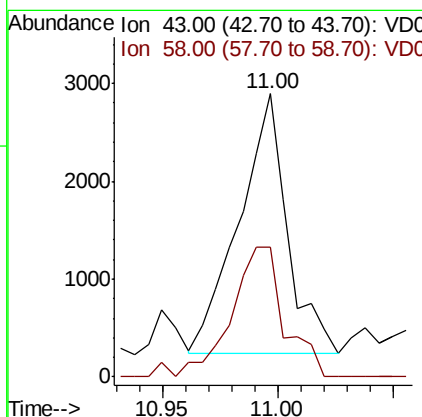
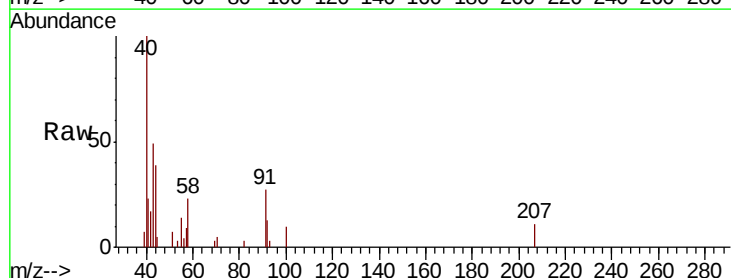
Acq: 18 Nov 2019 12:38

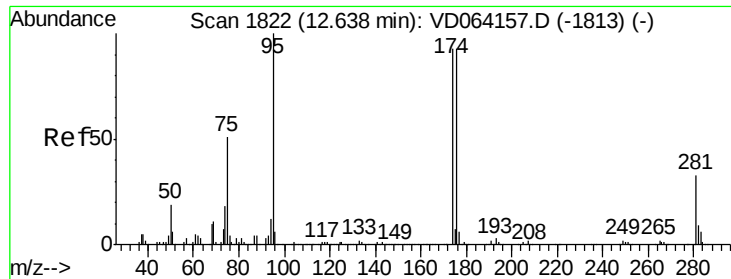
Tgt Ion: 43 Resp: 3871

Ion Ratio Lower Upper

43 100

58 56.0 25.9 77.7

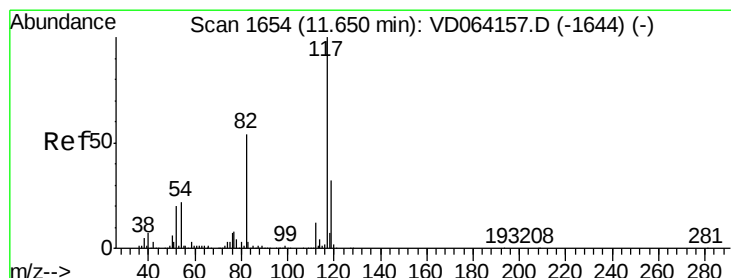
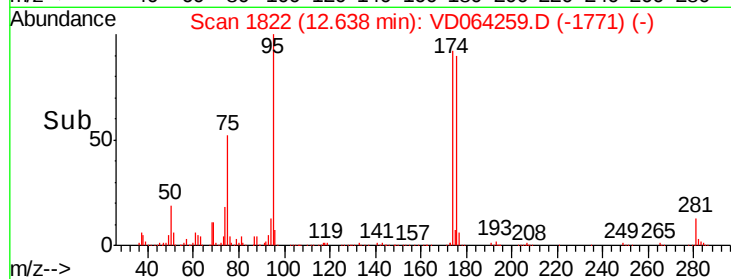
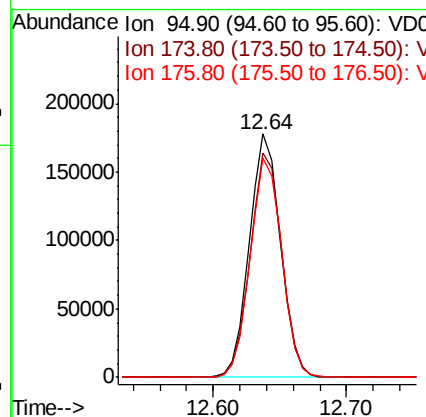
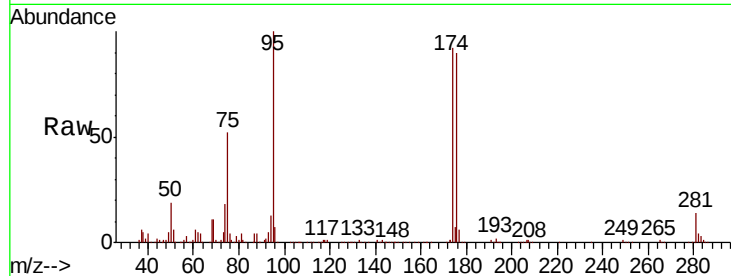




#62
4-Bromofluorobenzene
Concen: 38.367 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

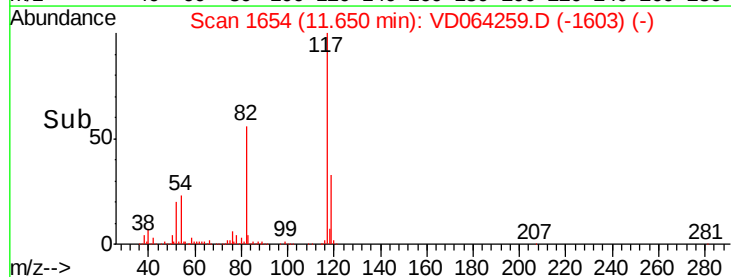
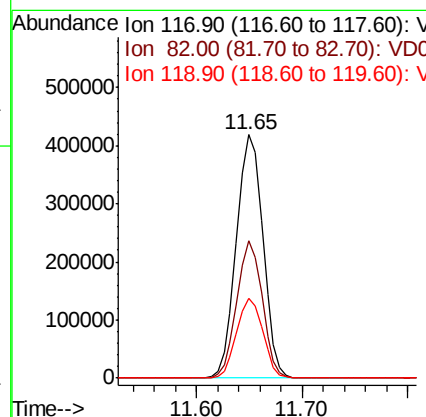
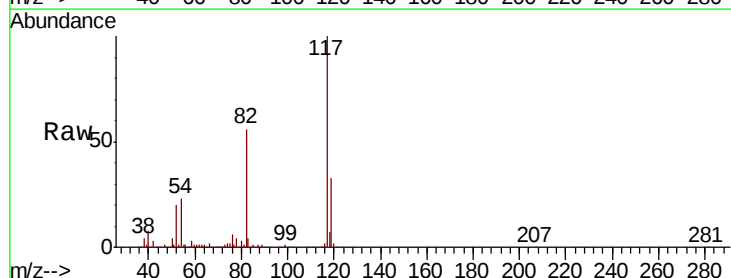
Instrument :
MSVOA_D
ClientSampleId :

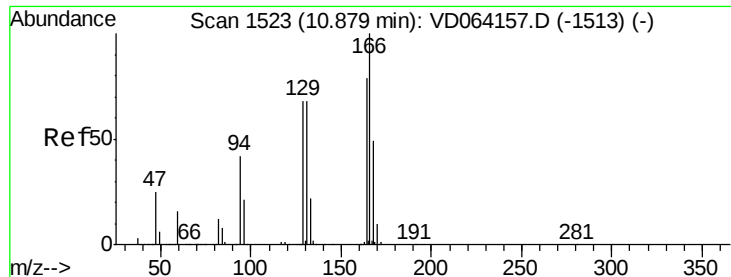
Tot Ion: 95 Resp: 285138
Ion Ratio Lower Upper
95 100
174 93.4 0.0 183.6
176 91.0 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

Tgt Ion: 117 Resp: 730498
Ion Ratio Lower Upper
117 100
82 56.3 42.8 64.2
119 32.7 25.6 38.4





#64

Tetrachloroethene

Concen: 1.123 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. 0.00 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion:164 Resp: 6310

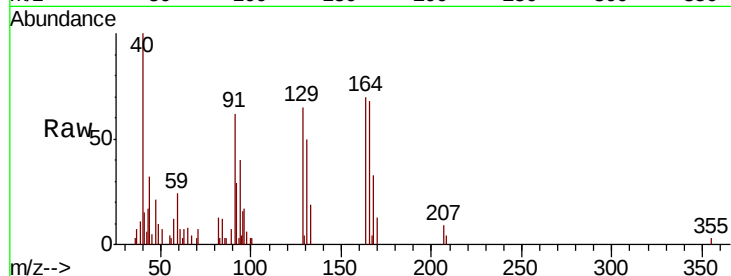
Ion Ratio Lower Upper

164 100

166 97.2 100.8 151.2#

129 92.8 68.7 103.1

131 71.5 68.1 102.1

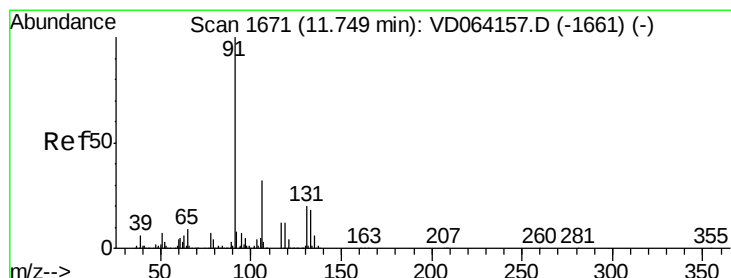
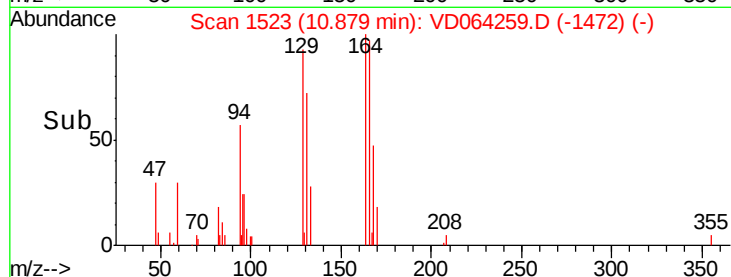
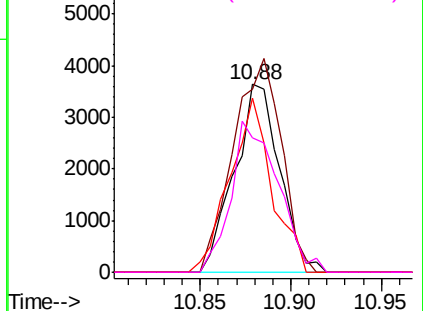


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 4.570 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064259.D

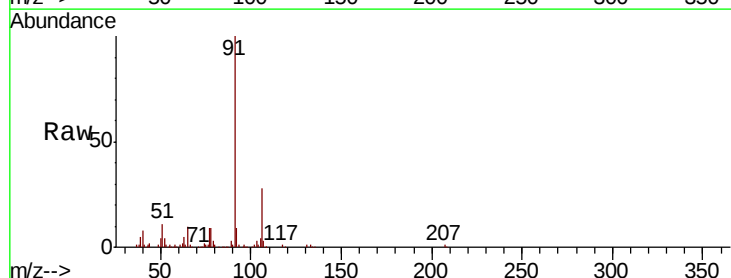
Acq: 18 Nov 2019 12:38

Tgt Ion: 91 Resp: 122803

Ion Ratio Lower Upper

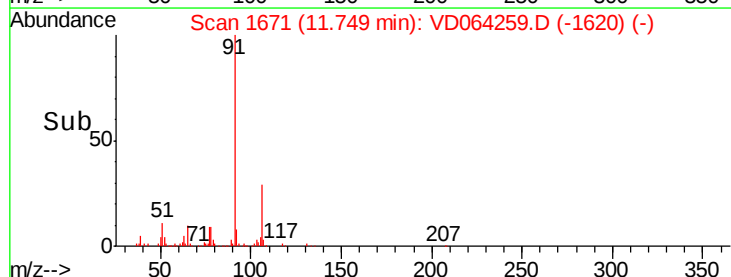
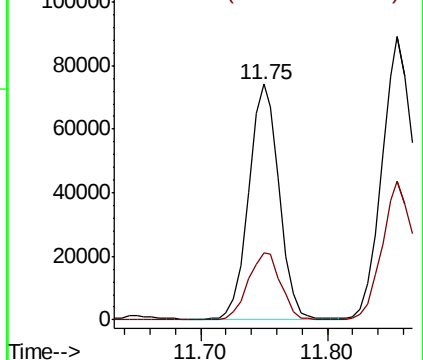
91 100

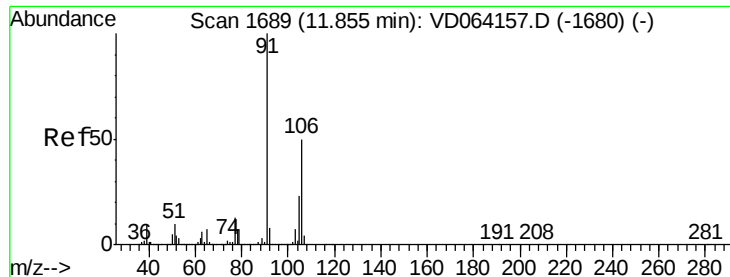
106 28.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 7.531 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

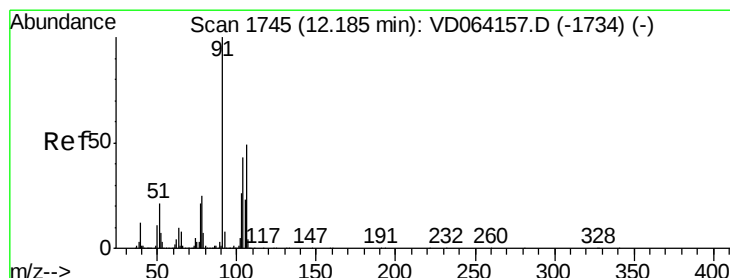
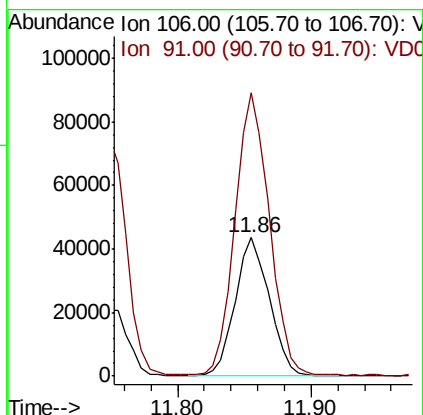
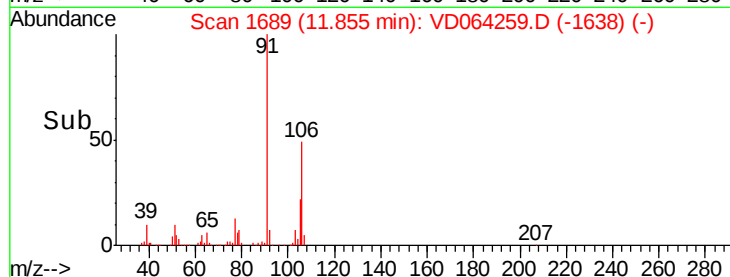
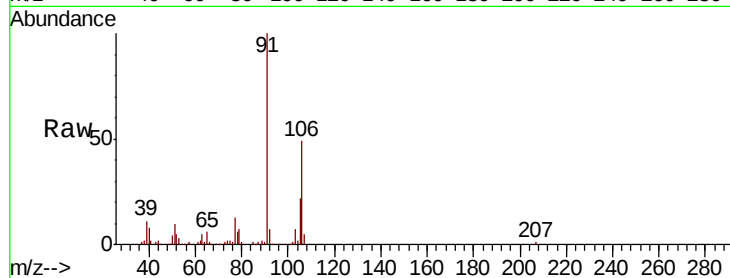
ClientSampleId :

Tot Ion:106 Resp: 77567

Ion Ratio Lower Upper

106 100

91 203.6 160.3 240.5



#69

o-Xylene

Concen: 3.392 ug/l

RT: 12.18 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VD064259.D

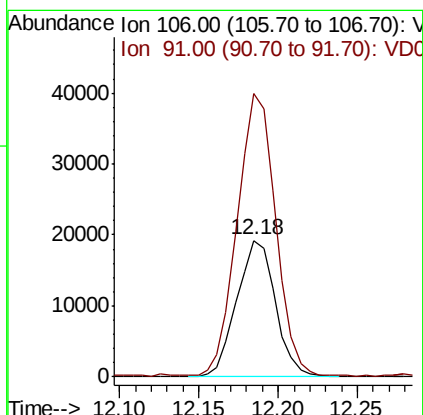
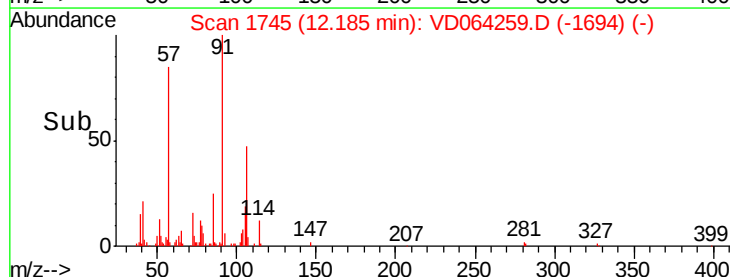
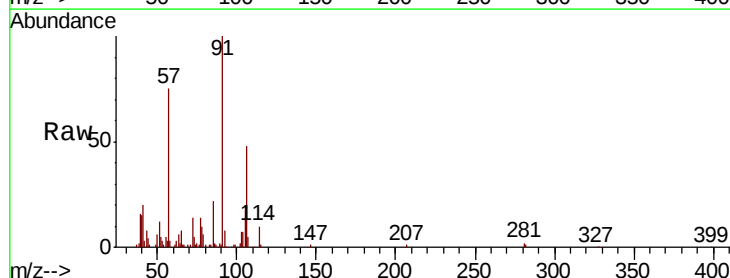
Acq: 18 Nov 2019 12:38

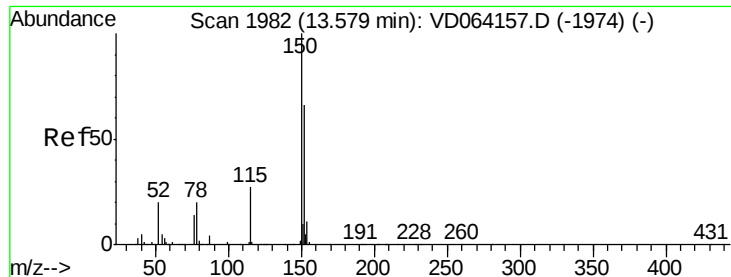
Tgt Ion:106 Resp: 32400

Ion Ratio Lower Upper

106 100

91 210.7 105.1 315.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

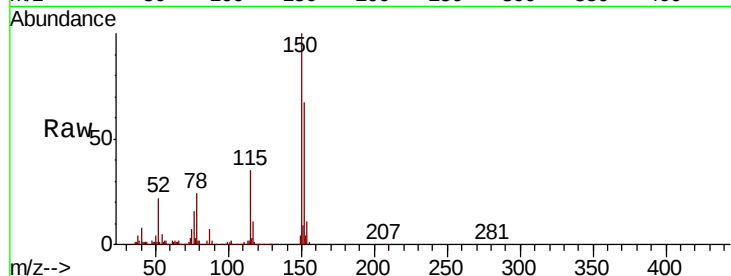
Tot Ion:152 Resp: 258605

Ion Ratio Lower Upper

152 100

115 55.0 27.4 82.2

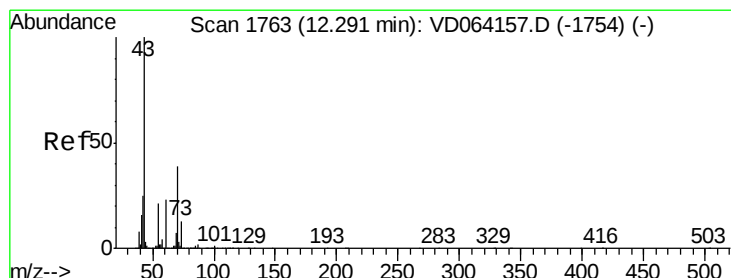
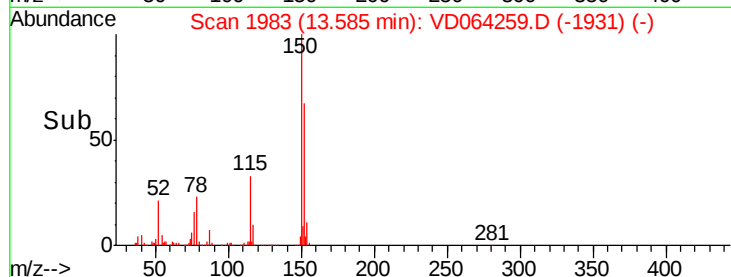
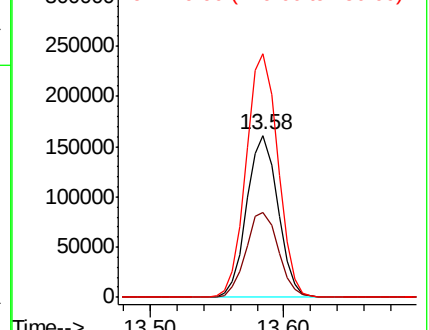
150 153.6 0.0 351.6



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



#74

N-ethyl acetate

Concen: 4.347 ug/l

RT: 12.26 min Scan# 1758

Delta R.T. -0.03 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Tgt Ion: 43 Resp: 19483

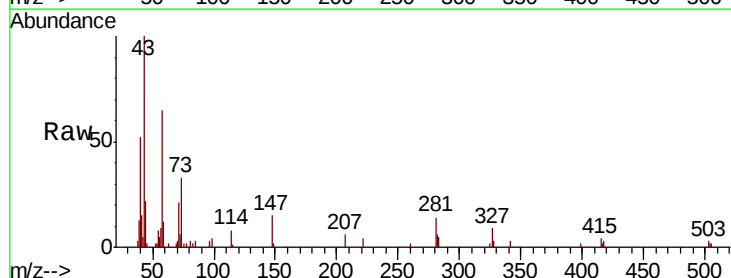
Ion Ratio Lower Upper

43 100

70 1.8 32.4 48.6#

55 7.3 17.9 26.9#

61 0.0 19.0 28.4#

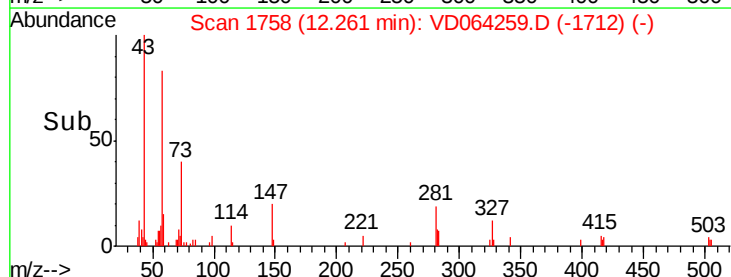
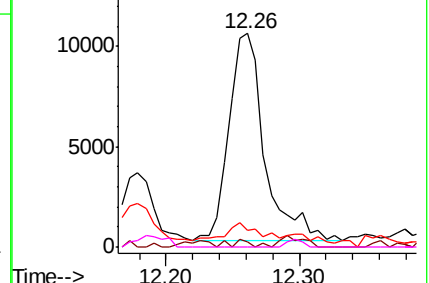


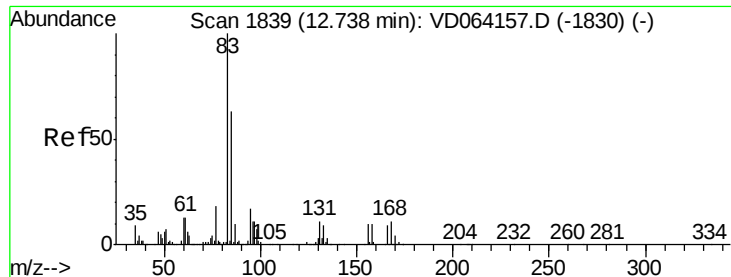
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 2.902 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.02 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

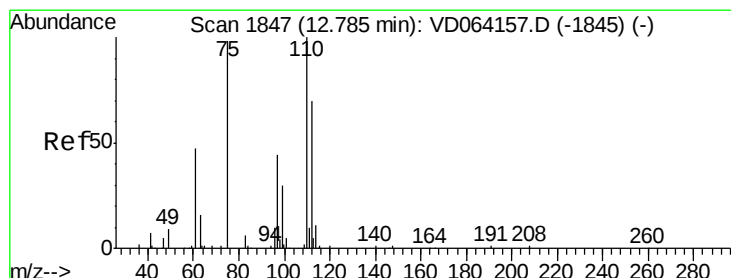
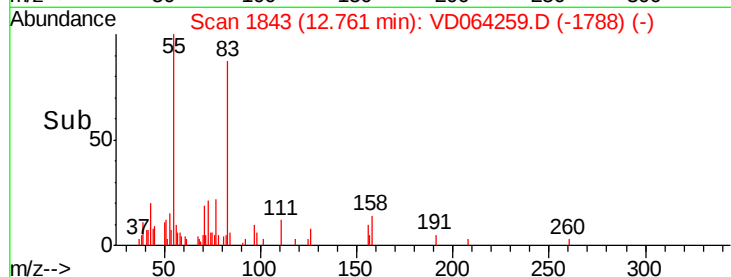
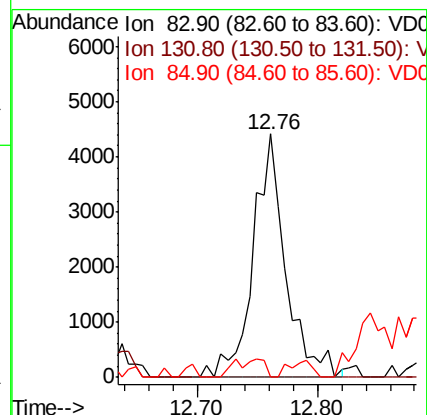
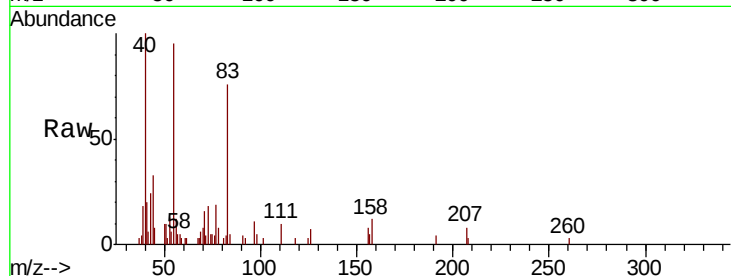
Tot Ion: 83 Resp: 8300

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

85 4.0 32.5 97.5#



#76

1,2,3-Trichloropropane

Concen: 71.113 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064259.D

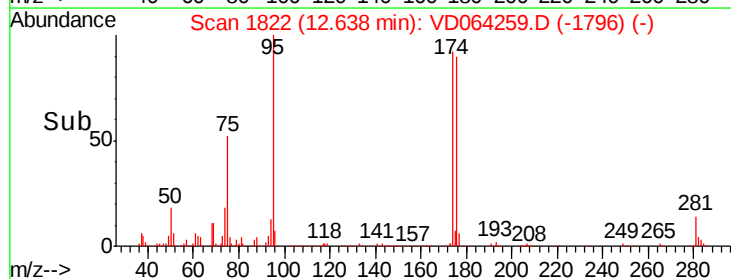
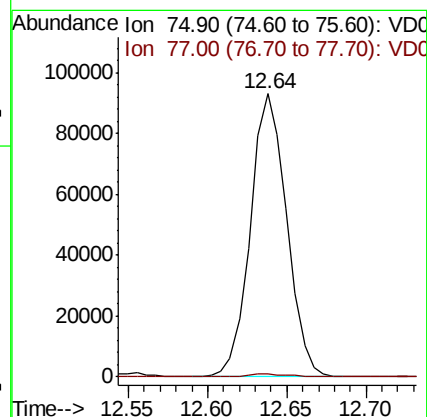
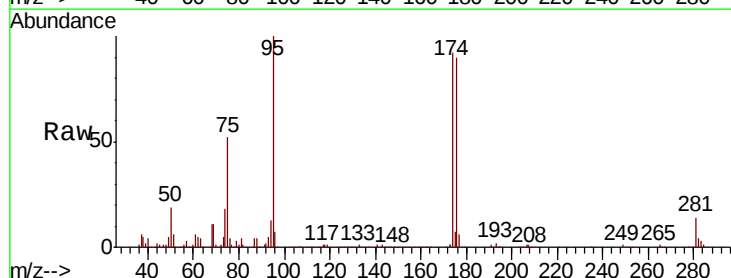
Acq: 18 Nov 2019 12:38

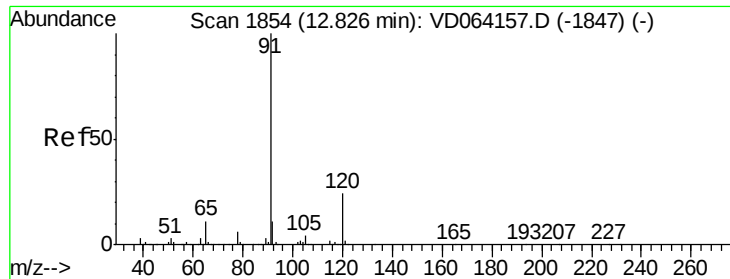
Tgt Ion: 75 Resp: 148128

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#78

n-propylbenzene

Concen: 1.309 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

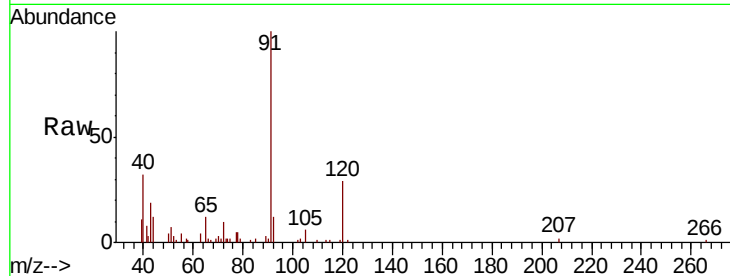
ClientSampled :

Tot Ion: 91 Resp: 28387

Ion Ratio Lower Upper

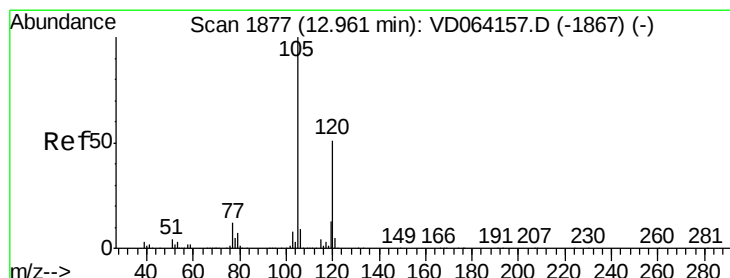
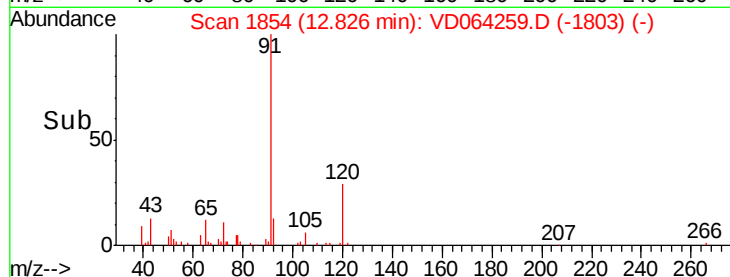
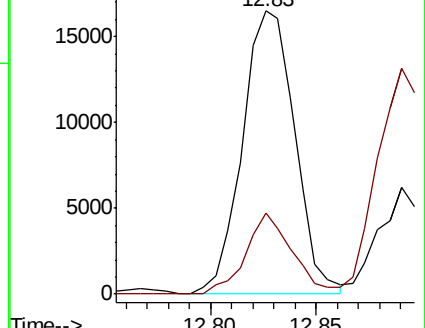
91 100

120 25.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 2.225 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064259.D

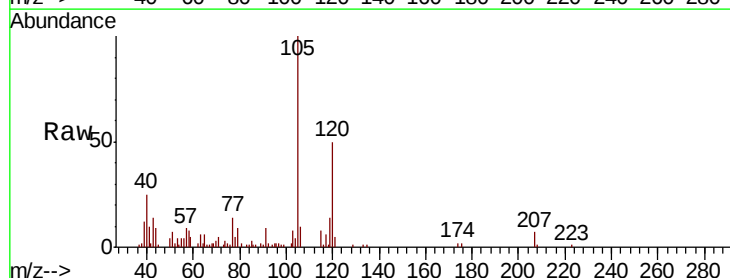
Acq: 18 Nov 2019 12:38

Tgt Ion: 105 Resp: 34706

Ion Ratio Lower Upper

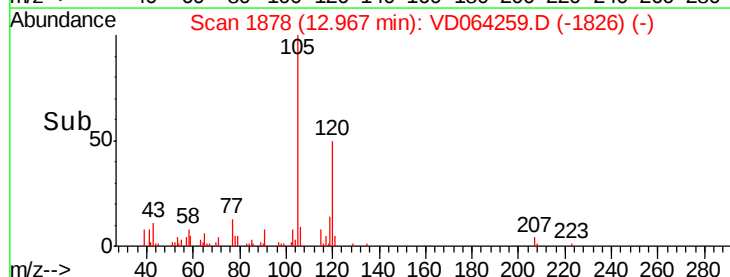
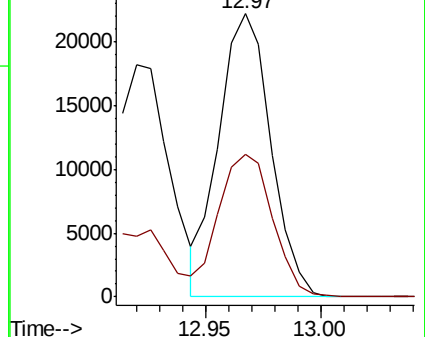
105 100

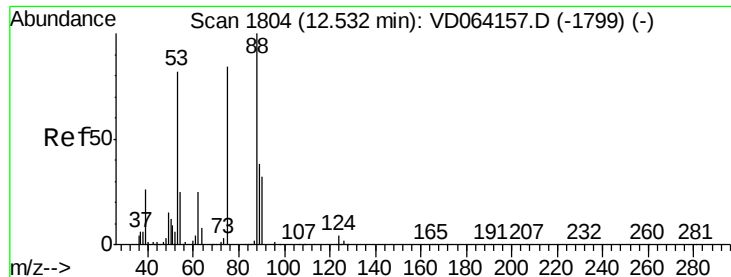
120 52.5 25.4 76.4



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: 141.259 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

ClientSampleId :

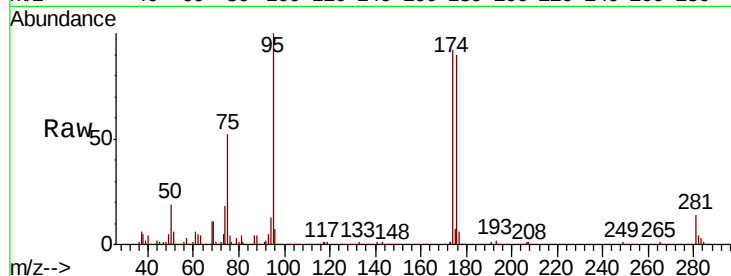
Tot Ion: 75 Resp: 148128

Ion Ratio Lower Upper

75 100

53 0.0 79.4 119.0#

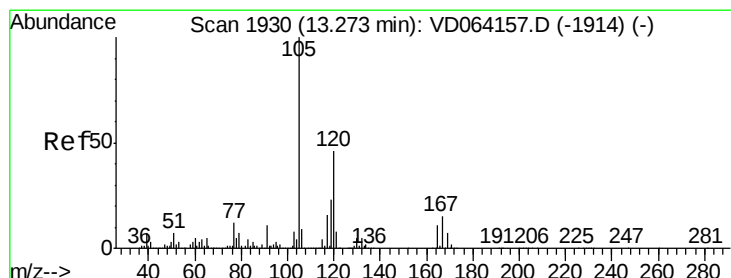
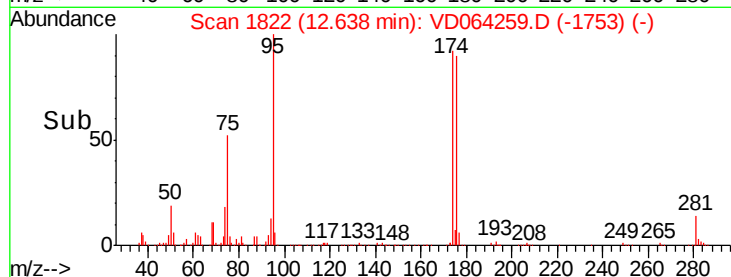
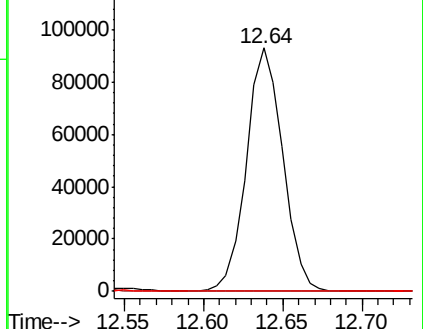
89 0.1 36.6 55.0#



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



#84

1,2,4-Trimethylbenzene

Concen: 9.362 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD064259.D

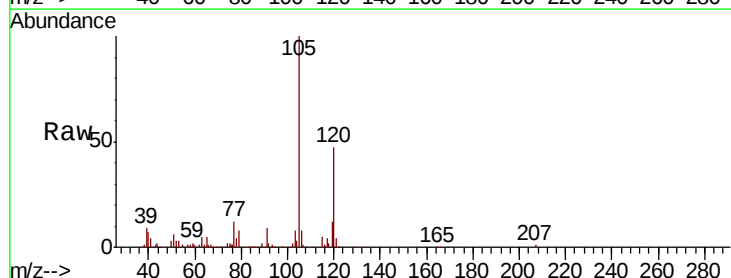
Acq: 18 Nov 2019 12:38

Tgt Ion: 105 Resp: 144164

Ion Ratio Lower Upper

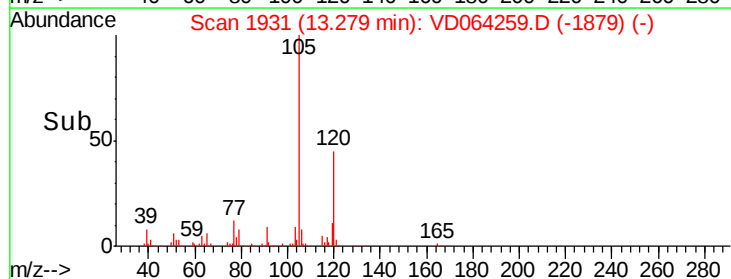
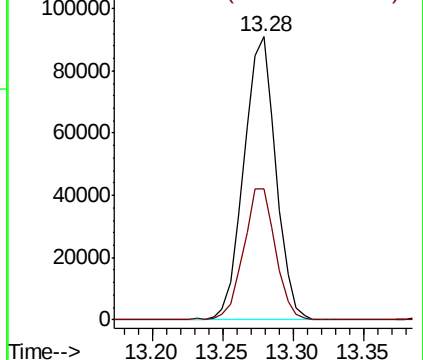
105 100

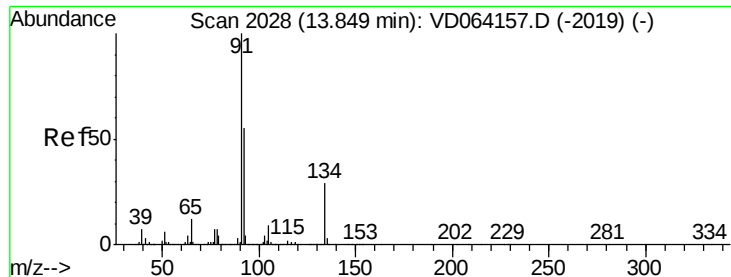
120 46.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

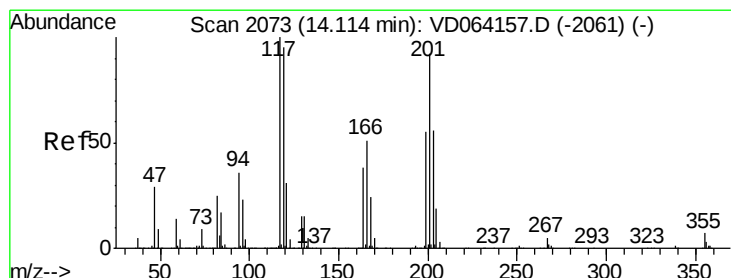
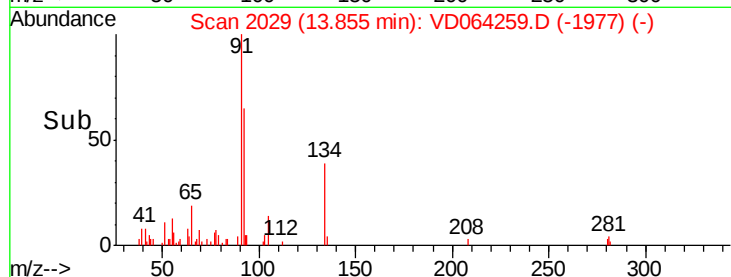
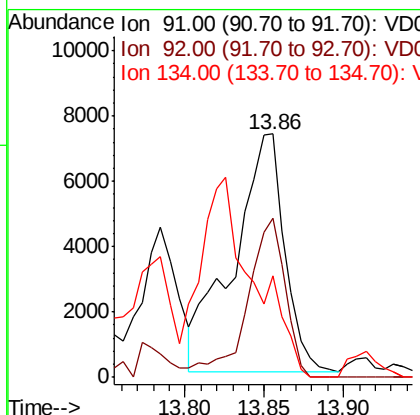
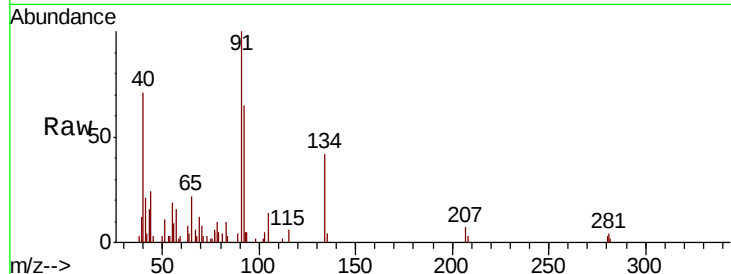




#89
n-Butylbenzene
Concen: 1.028 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

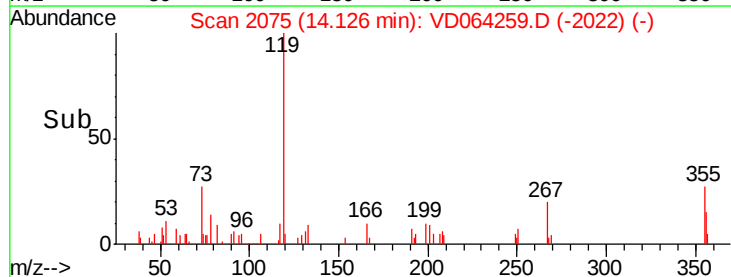
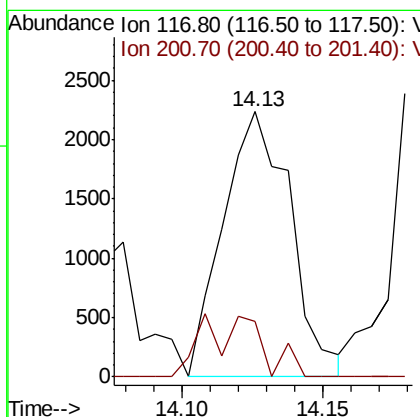
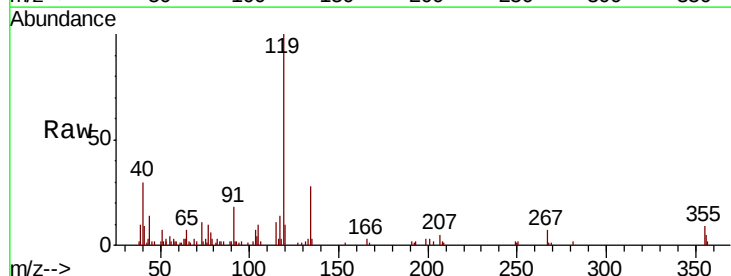
Instrument :
MSVOA_D
ClientSampled :

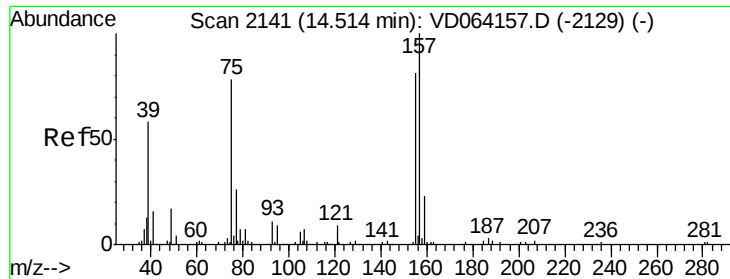
Tot Ion: 91 Resp: 16313
Ion Ratio Lower Upper
91 100
92 49.5 27.3 81.8
134 0.0 14.1 42.4#



#90
Hexachloroethane
Concen: 1.139 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD064259.D
Acq: 18 Nov 2019 12:38

Tgt Ion: 117 Resp: 3696
Ion Ratio Lower Upper
117 100
201 8.3 45.8 137.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.052 ug/l

RT: 14.48 min Scan# 2136

Delta R.T. -0.03 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

Instrument :

MSVOA_D

ClientSampled :

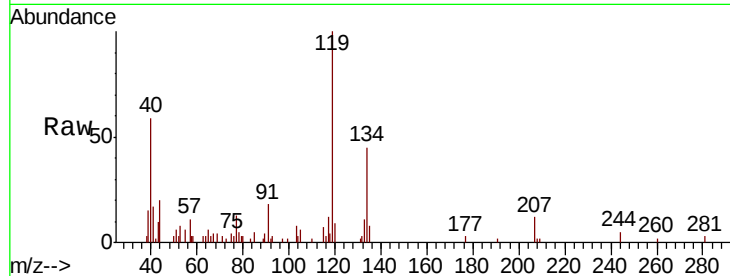
Tot Ion: 75 Resp: 538

Ion Ratio Lower Upper

75 100

155 12.5 48.0 144.0#

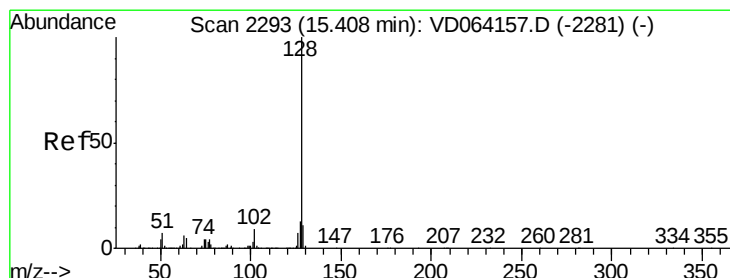
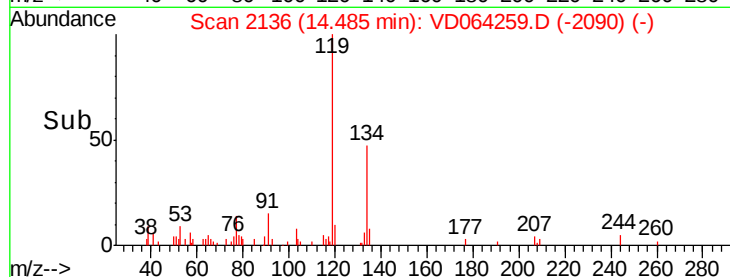
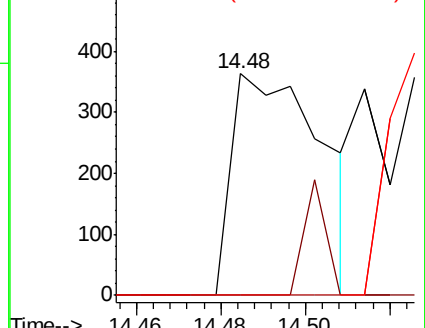
157 0.0 61.5 184.4#



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: 3.616 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD064259.D

Acq: 18 Nov 2019 12:38

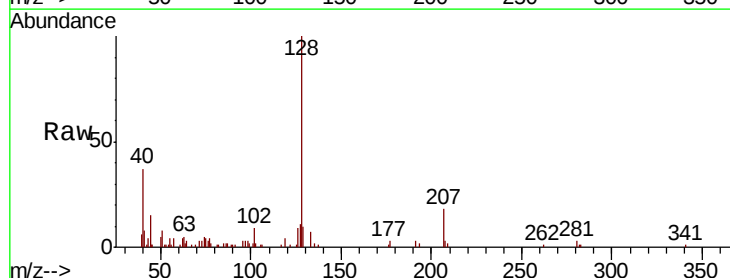
Tgt Ion: 128 Resp: 33128

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.8 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

