

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062566.D
 Acq On : 31 May 2019 16:20
 Operator : VA/AP
 Sample : K3097-03
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190423-HR-3

Quant Time: May 31 23:27:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	4862	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	7688	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	7036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	3087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	4851	85.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.18%	
35) Dibromofluoromethane	6.93	113	3398	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.42	98	5605	36.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.04%	
62) 4-Bromofluorobenzene	13.56	95	3235	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

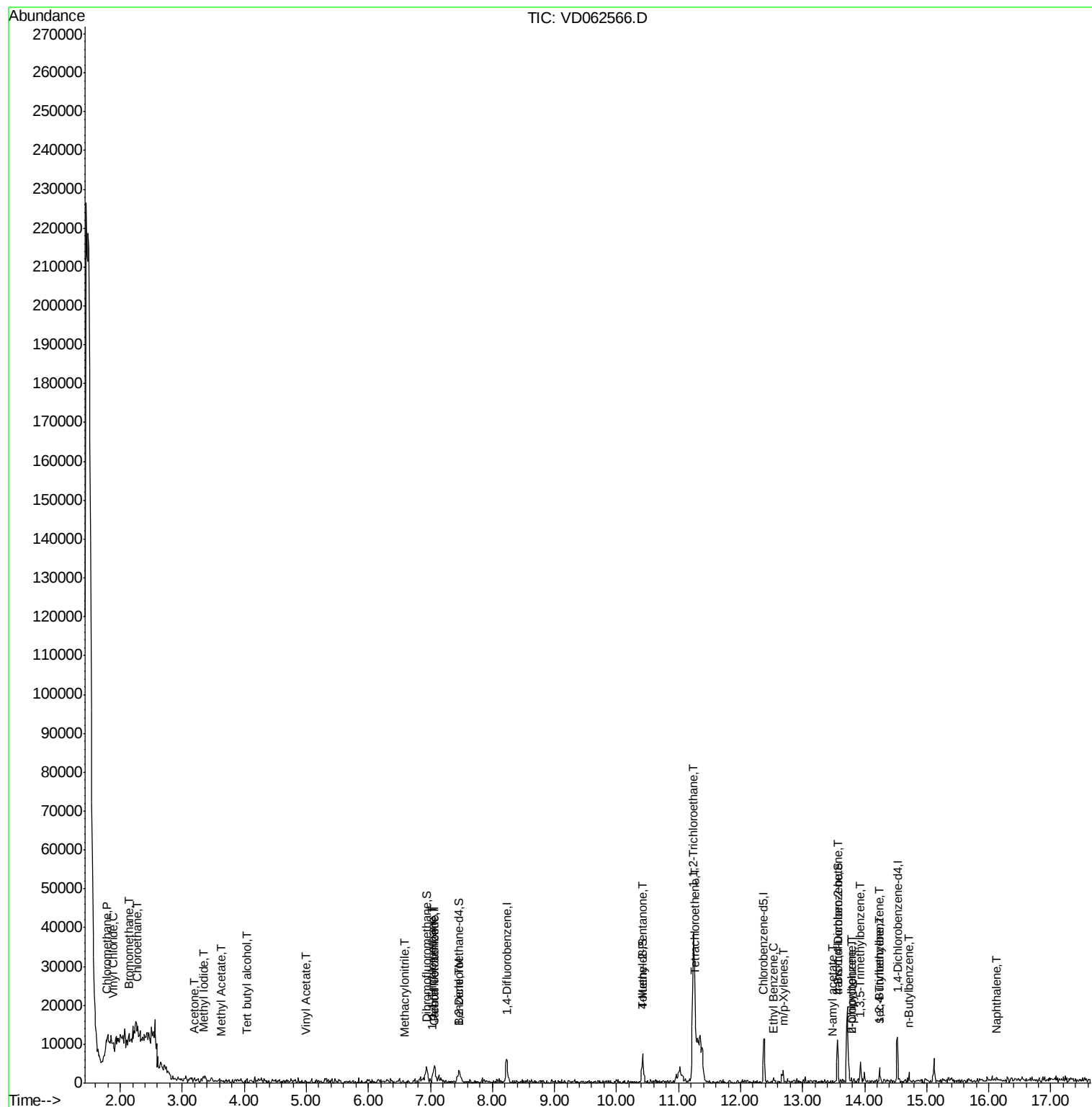
						Qvalue
3) Chloromethane	1.78	50	1886	33.644	ug/l #	43
4) Vinyl Chloride	1.89	62	272	6.315	ug/l #	42
5) Bromomethane	2.15	94	1296	92.649	ug/l #	1
6) Chloroethane	2.29	64	191	9.456	ug/l #	45
10) Methyl Iodide	3.34	142	1166	19.116	ug/l #	27
11) Tert butyl alcohol	4.03	59	194	79.785	ug/l #	80
16) Acetone	3.20	43	836	74.636	ug/l #	60
18) Methyl Acetate	3.64	43	242	13.237	ug/l #	63
23) Vinyl Acetate	4.99	43	178	2.419	ug/l #	80
32) 1,1,1-Trichloroethane	7.03	97	179	1.823	ug/l #	23
38) Carbon Tetrachloride	7.05	117	188	1.650	ug/l #	15
40) Benzene	7.45	78	187	1.245	ug/l #	51
41) Methacrylonitrile	6.58	41	204	5.373	ug/l #	34
51) 4-Methyl-2-Pentanone	10.42	43	235	8.388	ug/l #	42
55) 1,1,2-Trichloroethane	11.25	97	516	15.340	ug/l #	16
64) Tetrachloroethene	11.28	164	260	4.180	ug/l #	1
67) Ethyl Benzene	12.53	91	1155	4.599	ug/l	92
68) m/p-Xylenes	12.68	106	1223	14.078	ug/l #	64
74) N-amyl acetate	13.48	43	375	7.227	ug/l #	51
78) n-propylbenzene	13.78	91	940	4.007	ug/l #	57
79) 2-Chlorotoluene	13.78	91	940	6.911	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.94	105	444	2.553	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	1522	143.421	ug/l #	5
84) 1,2,4-Trimethylbenzene	14.24	105	2743	15.479	ug/l	86
85) sec-Butylbenzene	14.24	105	2743	13.344	ug/l #	60
89) n-Butylbenzene	14.71	91	194	1.132	ug/l #	30
95) Naphthalene	16.13	128	484	5.462	ug/l #	71

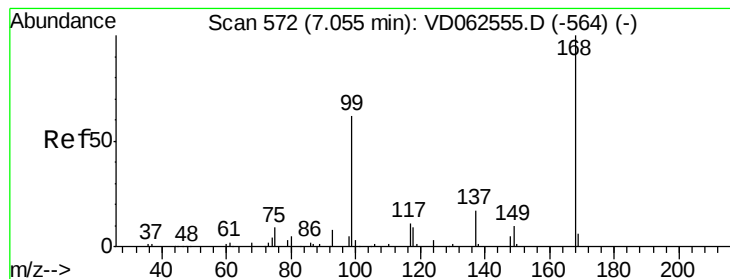
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.02 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

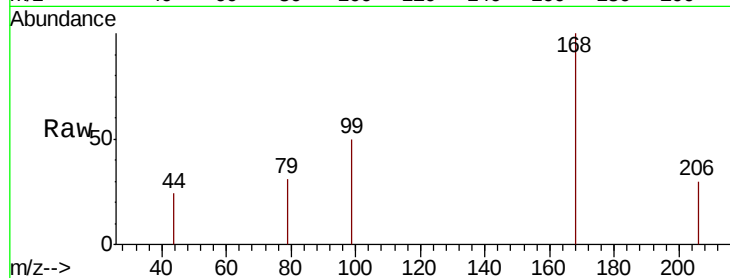
20190423-HR-3

Tot Ion:168 Resp: 4862

Ion Ratio Lower Upper

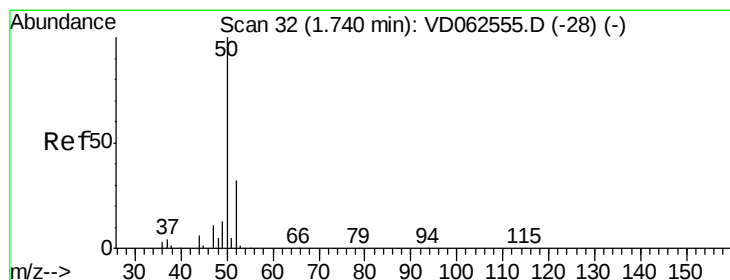
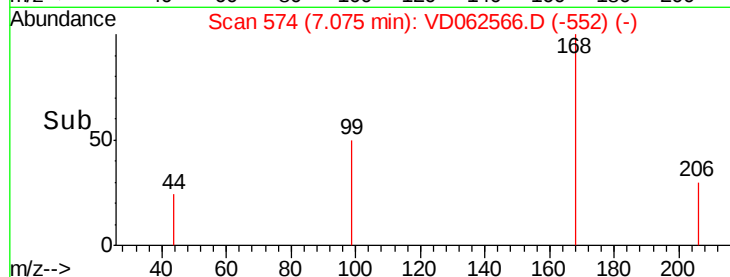
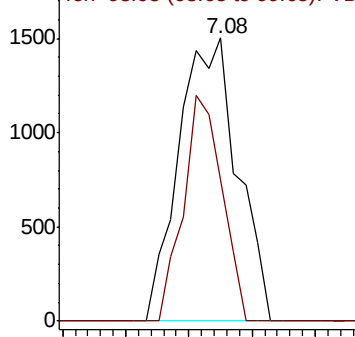
168 100

99 50.0 50.8 76.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 33.644 ug/l

RT: 1.78 min Scan# 36

Delta R.T. 0.04 min

Lab File: VD062566.D

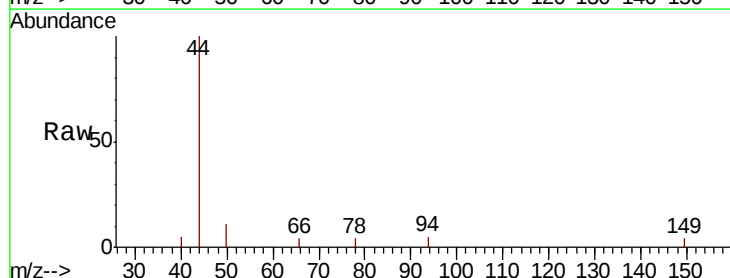
Acq: 31 May 2019 16:20

Tgt Ion: 50 Resp: 1886

Ion Ratio Lower Upper

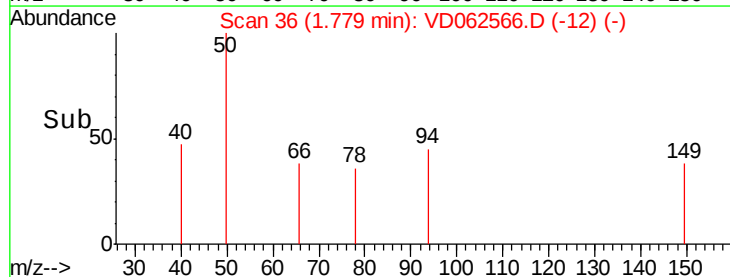
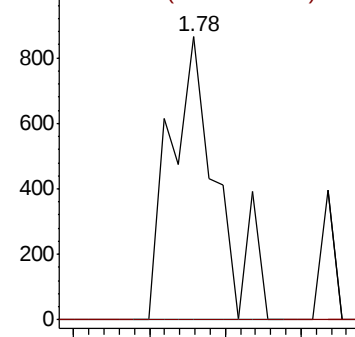
50 100

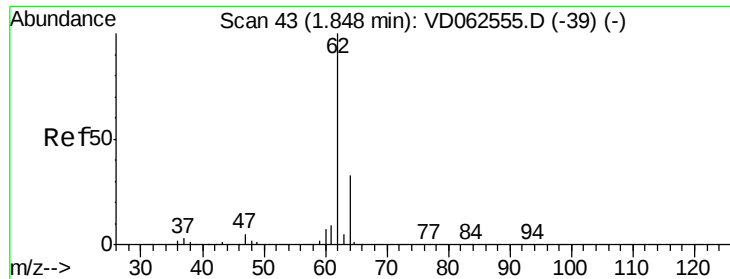
52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 6.315 ug/l

RT: 1.89 min Scan# 47

Delta R.T. 0.04 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

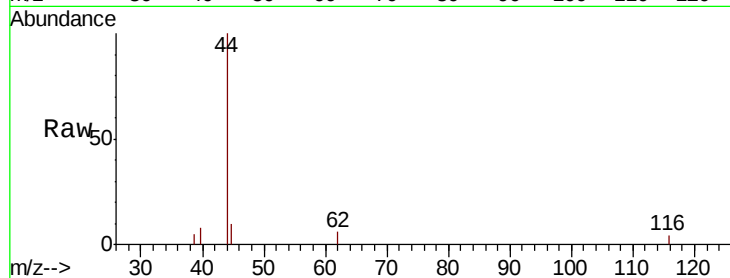
20190423-HR-3

Tot Ion: 62 Resp: 272

Ion Ratio Lower Upper

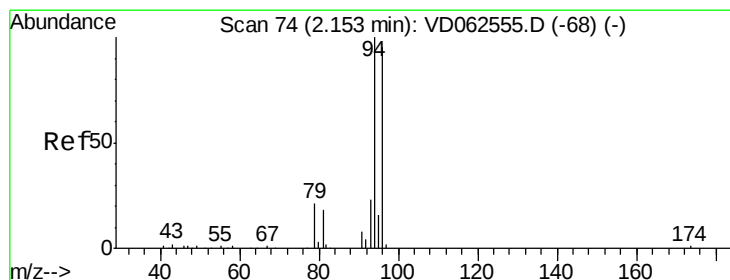
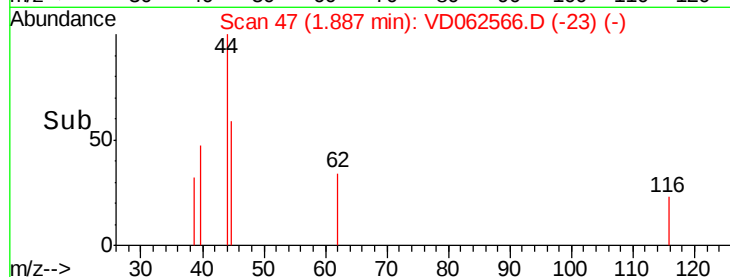
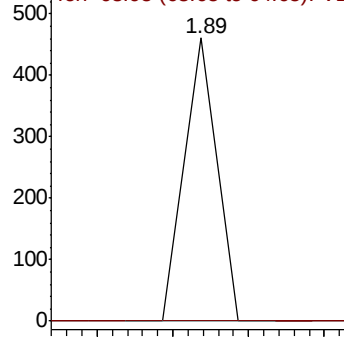
62 100

64 0.0 26.5 39.7#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC



#5

Bromomethane

Concen: 92.649 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.00 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

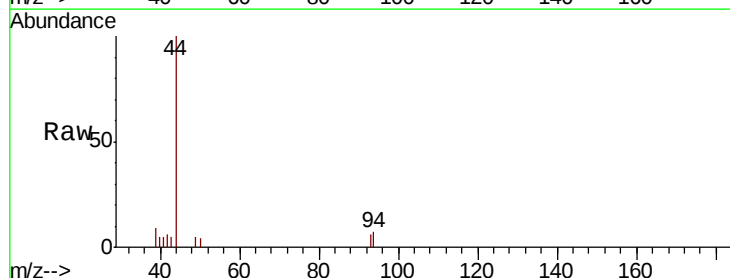
Tgt Ion: 94 Resp: 1296

Ion Ratio Lower Upper

94 100

96 0.0 76.2 114.4#

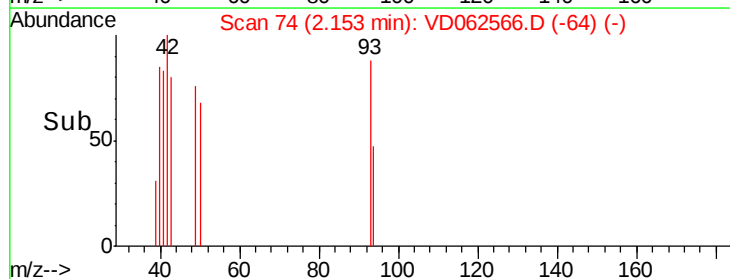
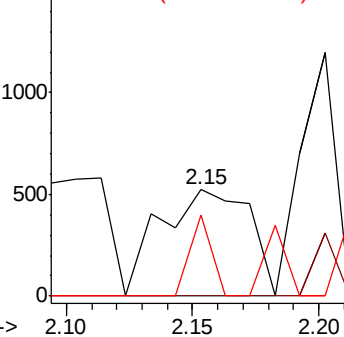
93 76.1 18.4 27.6#

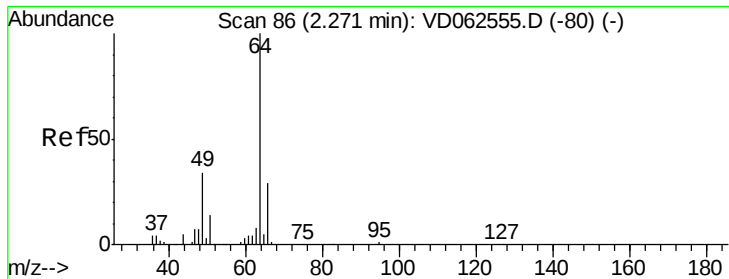


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#6

Chloroethane

Concen: 9.456 ug/l

RT: 2.29 min Scan# 88

Delta R.T. 0.02 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

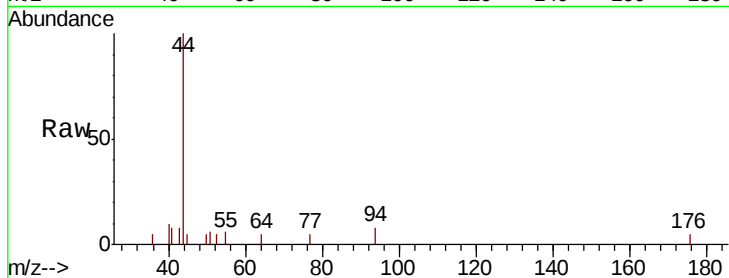
20190423-HR-3

Tot Ion: 64 Resp: 191

Ion Ratio Lower Upper

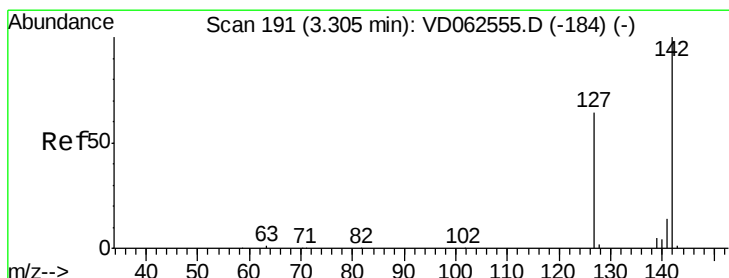
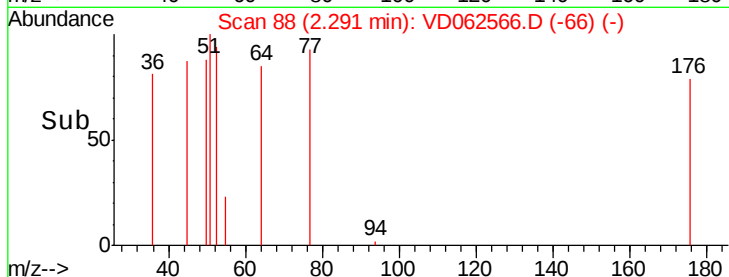
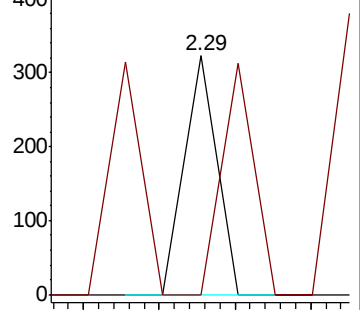
64 100

66 0.0 23.4 35.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#10

Methyl Iodide

Concen: 19.116 ug/l

RT: 3.34 min Scan# 195

Delta R.T. 0.04 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

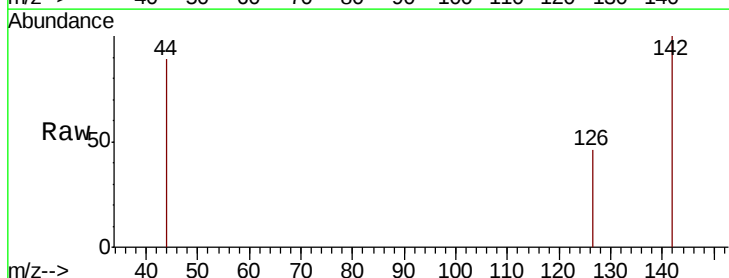
Tgt Ion: 142 Resp: 1166

Ion Ratio Lower Upper

142 100

127 0.0 51.2 76.8#

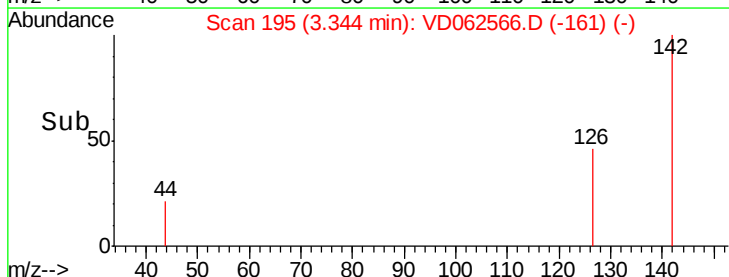
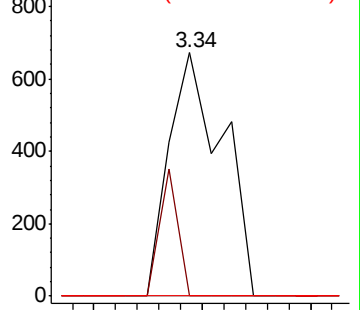
141 0.0 11.0 16.4#

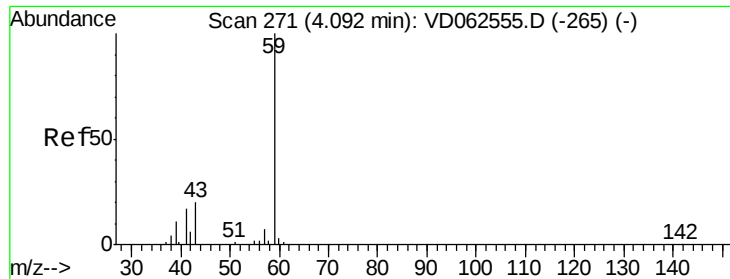


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

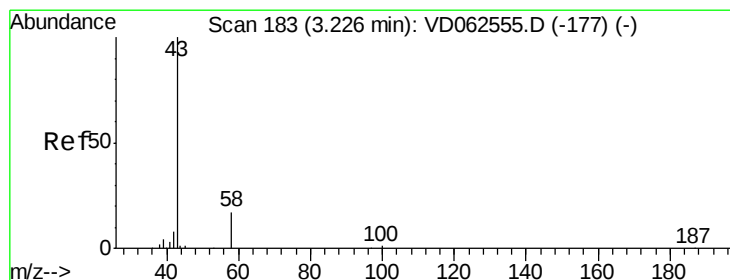
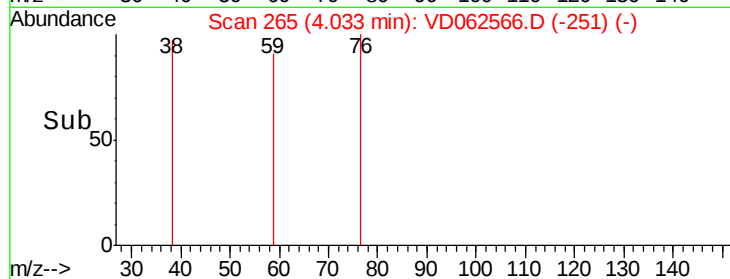
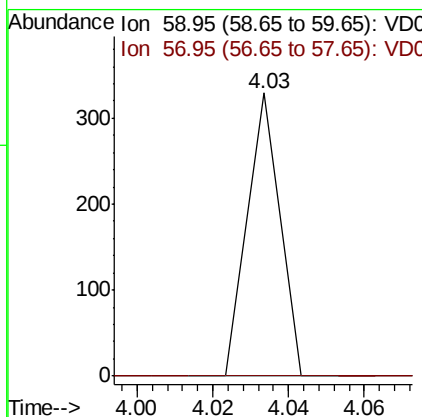
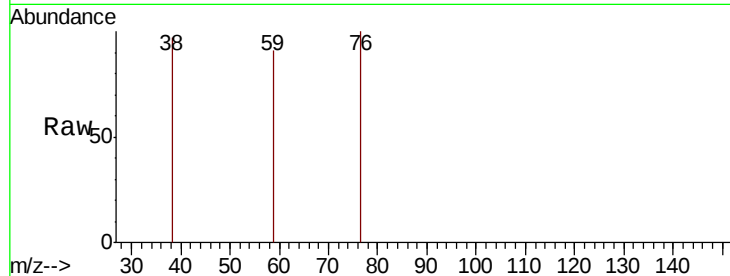




#11
Tert butyl alcohol
Concen: 79.785 ug/l
RT: 4.03 min Scan# 265
Delta R.T. -0.06 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

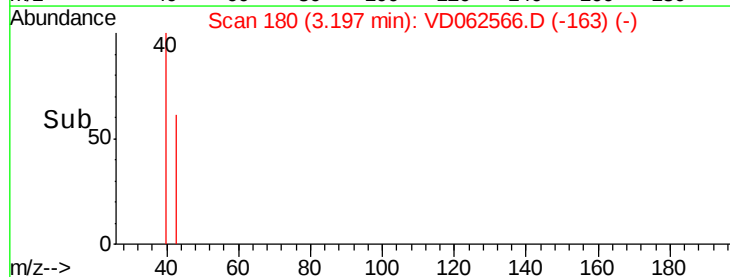
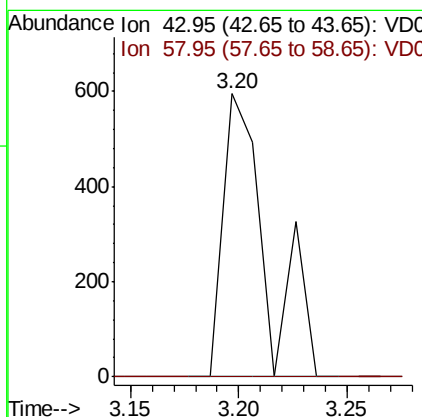
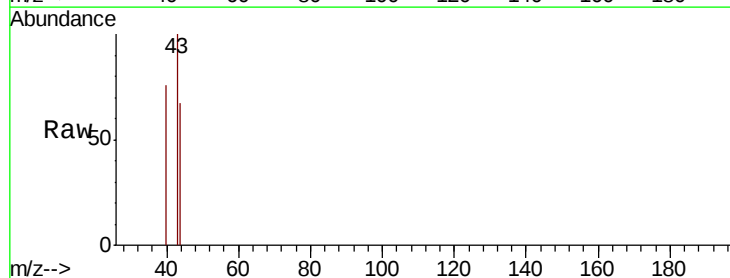
Instrument :
MSVOA_D
ClientSampleId :
20190423-HR-3

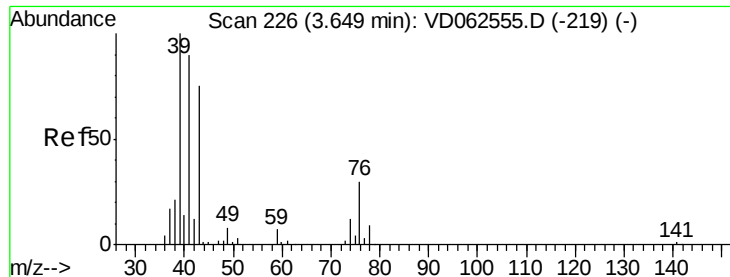
Tot Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.0#



#16
Acetone
Concen: 74.636 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.03 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 0.0 13.8 20.8#

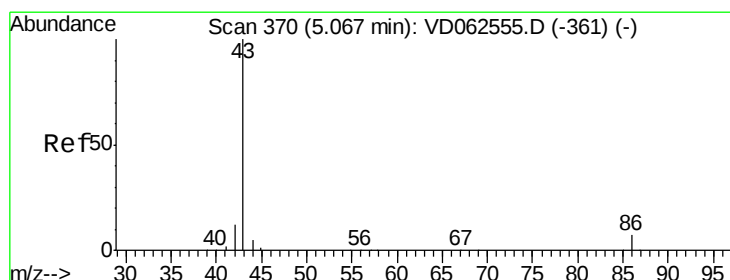
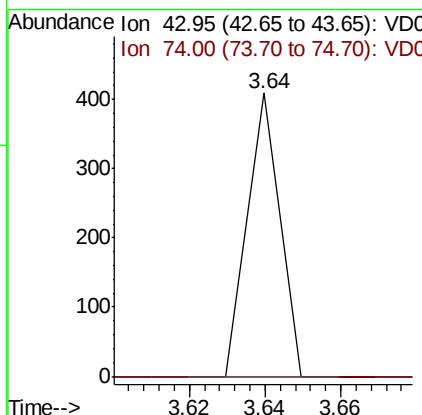
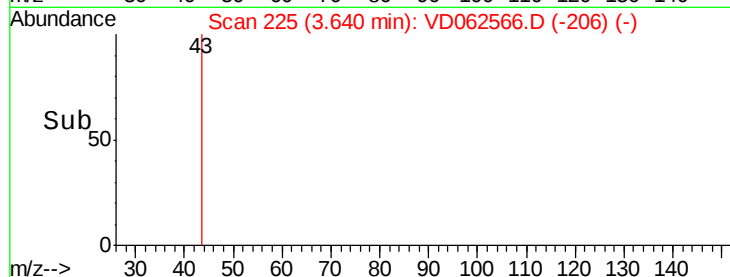
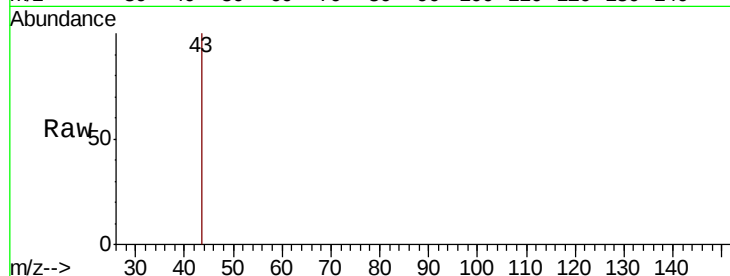




#18
Methyl Acetate
Concen: 13.237 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

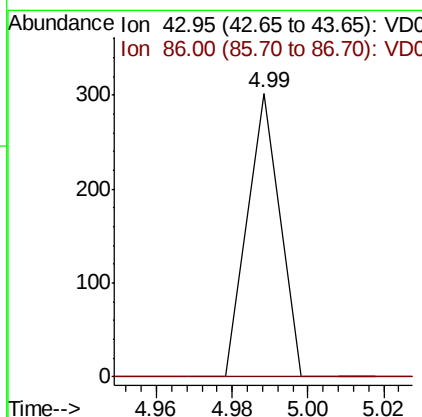
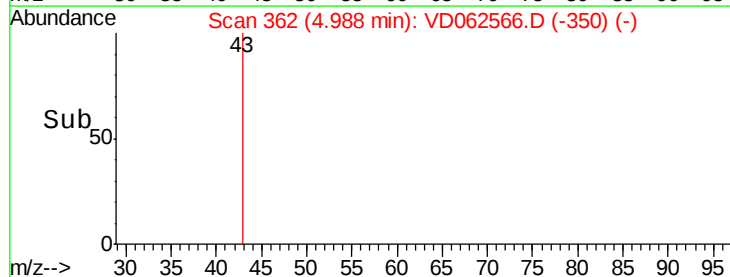
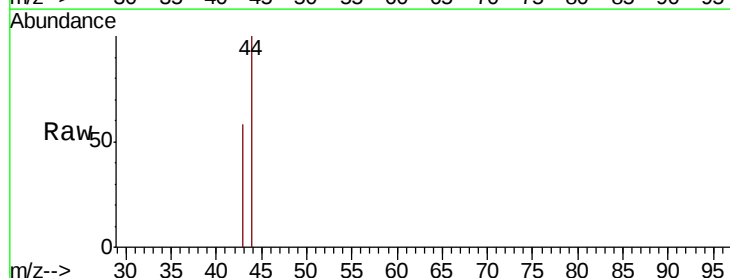
Instrument :
MSVOA_D
ClientSampleId :
20190423-HR-3

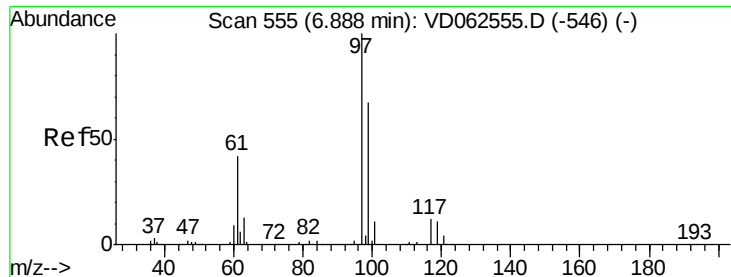
Tot Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
74 0.0 12.5 18.7#



#23
Vinyl Acetate
Concen: 2.419 ug/l
RT: 4.99 min Scan# 362
Delta R.T. -0.08 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
86 0.0 5.5 8.3#





#32

1,1,1-Trichloroethane

Concen: 1.823 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.14 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

20190423-HR-3

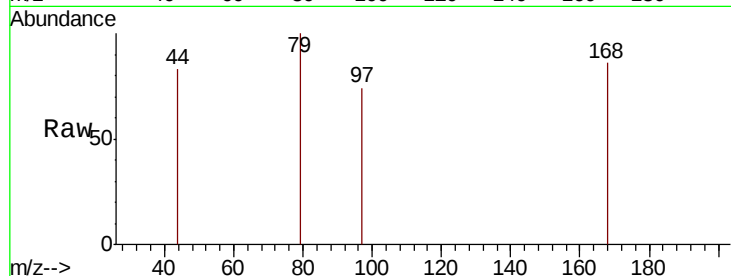
Tot Ion: 97 Resp: 179

Ion Ratio Lower Upper

97 100

99 0.0 53.6 80.4#

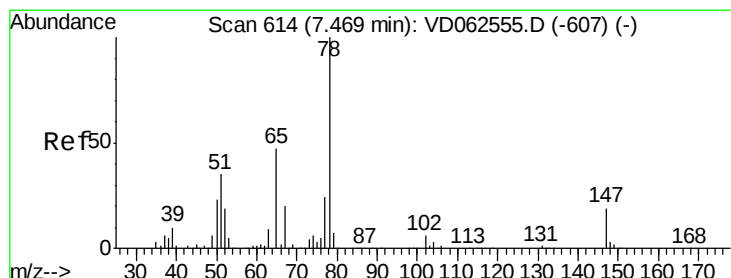
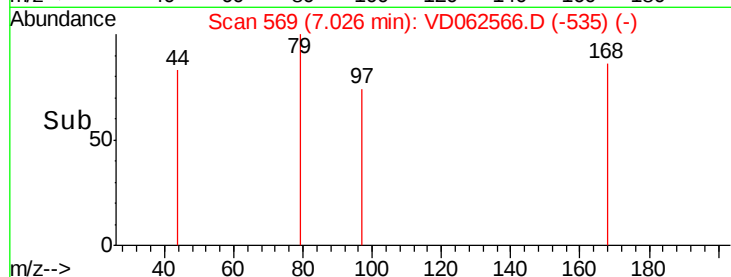
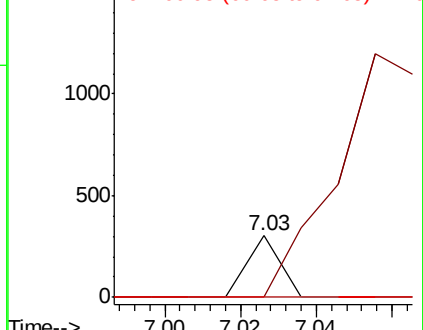
61 0.0 33.9 50.9#



Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 85.093 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062566.D

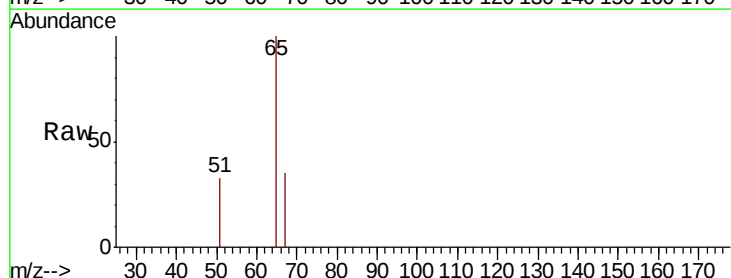
Acq: 31 May 2019 16:20

Tgt Ion: 65 Resp: 4851

Ion Ratio Lower Upper

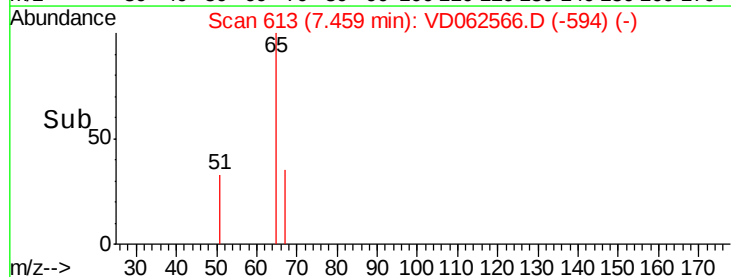
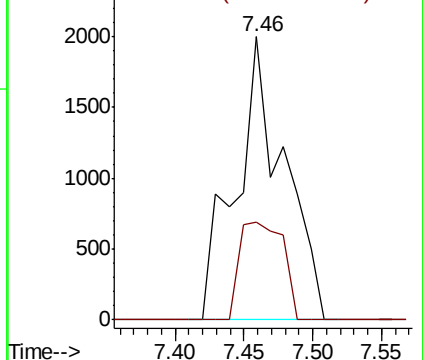
65 100

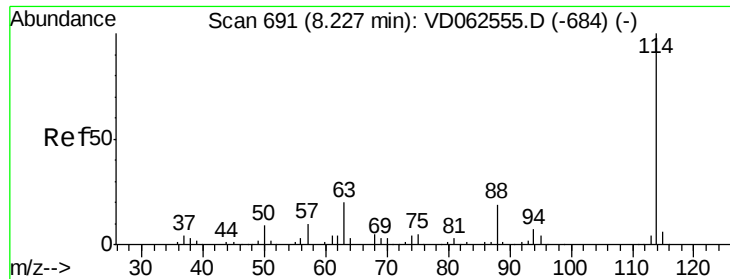
67 34.6 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

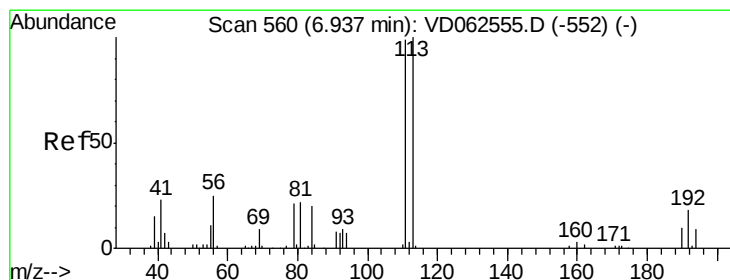
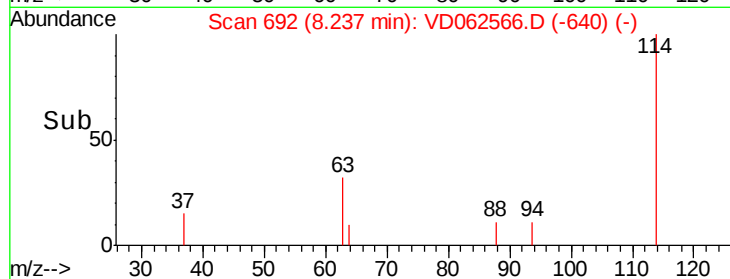
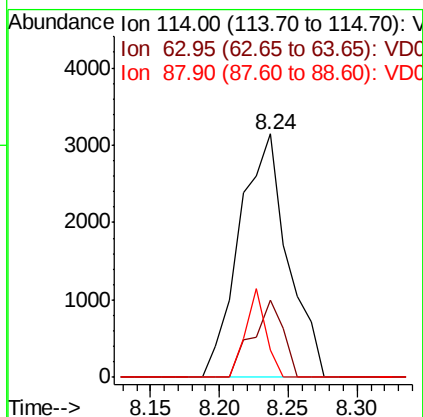
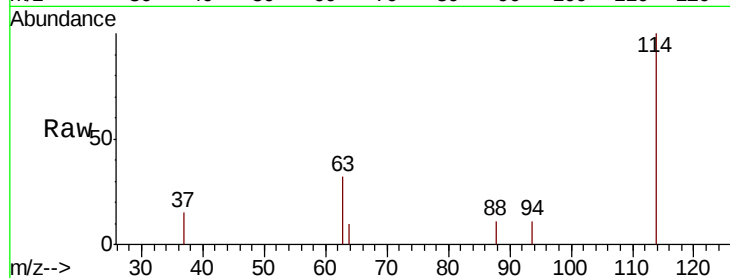




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062566.D
 Acq: 31 May 2019 16:20

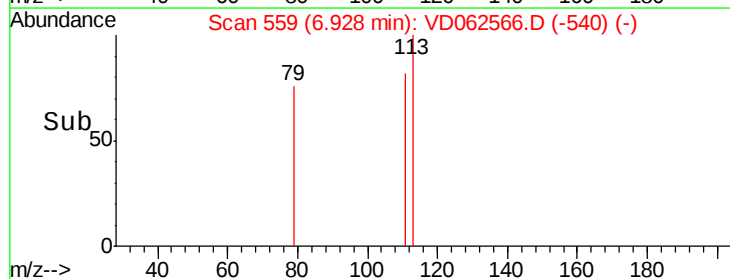
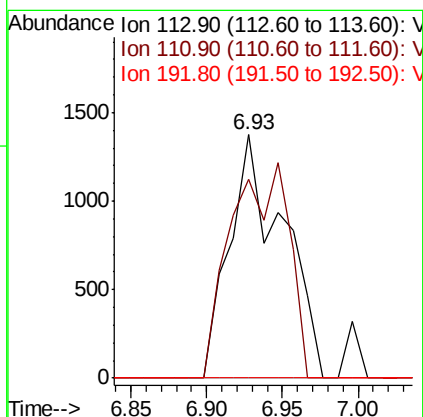
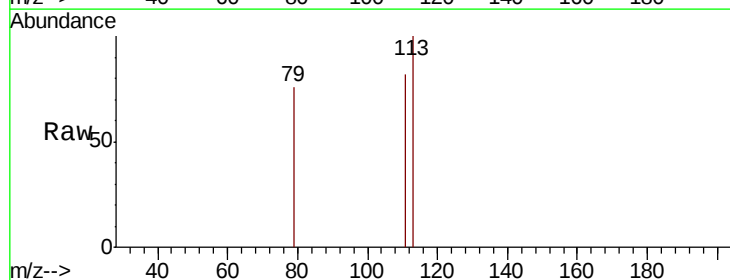
Instrument :
 MSVOA_D
 ClientSampleId :
 20190423-HR-3

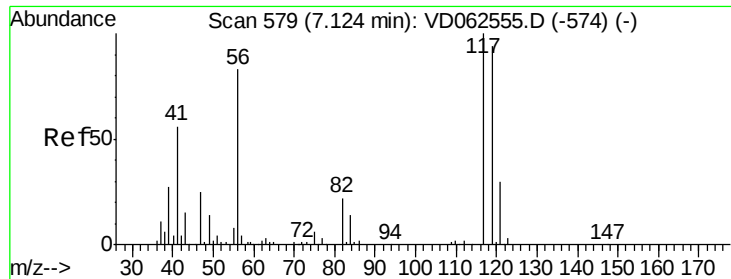
Tot Ion:114 Resp: 7688
 Ion Ratio Lower Upper
 114 100
 63 31.6 0.0 40.6
 88 11.1 0.0 37.6



#35
 Dibromofluoromethane
 Concen: 48.503 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD062566.D
 Acq: 31 May 2019 16:20

Tgt Ion:113 Resp: 3398
 Ion Ratio Lower Upper
 113 100
 111 81.5 78.8 118.2
 192 0.0 14.6 22.0#

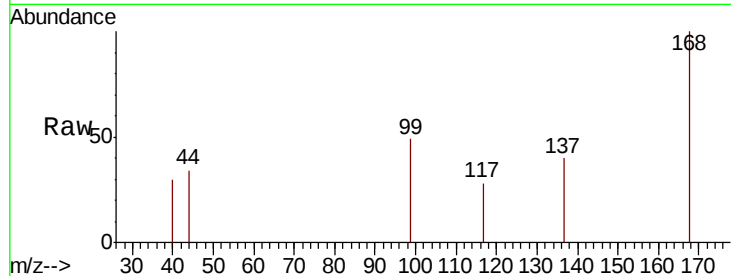




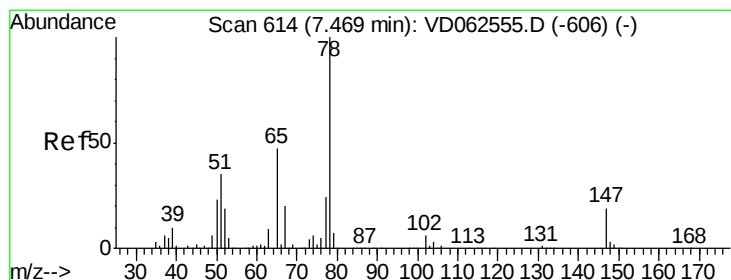
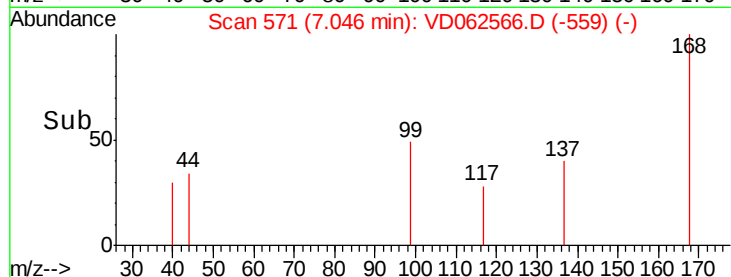
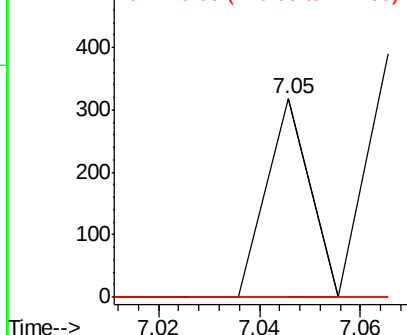
#38
Carbon Tetrachloride
Concen: 1.650 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

Instrument :
MSVOA_D
ClientSampleId :
20190423-HR-3

Tot Ion:117 Resp: 188
Ion Ratio Lower Upper
117 100
119 0.0 71.4 107.2#
121 0.0 22.5 33.7#

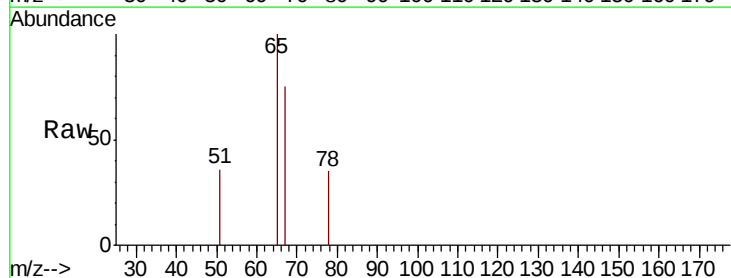


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

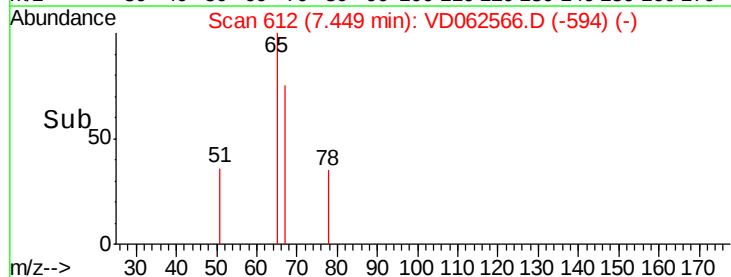
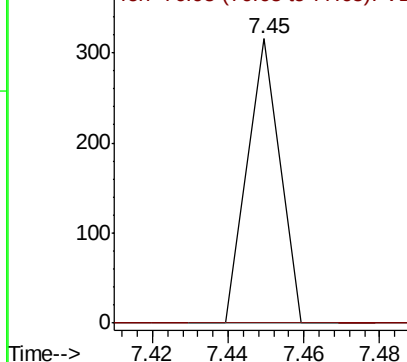


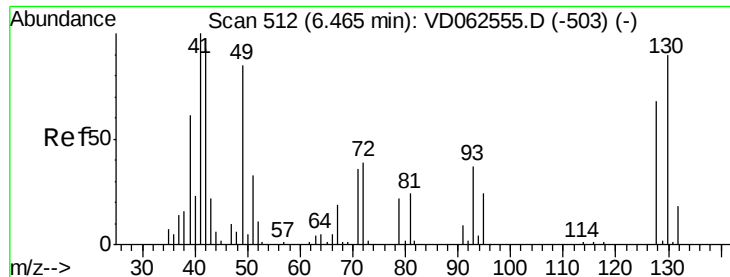
#40
Benzene
Concen: 1.245 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

Tgt Ion: 78 Resp: 187
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC

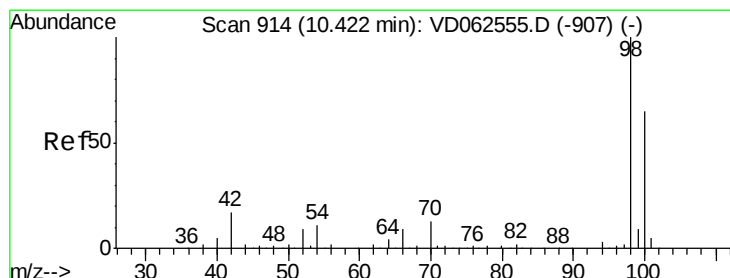
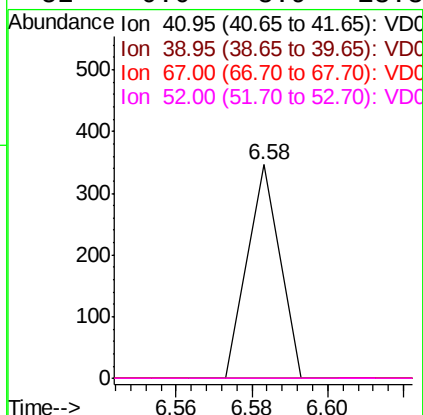
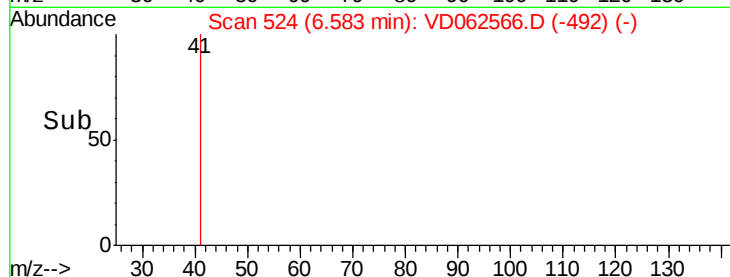
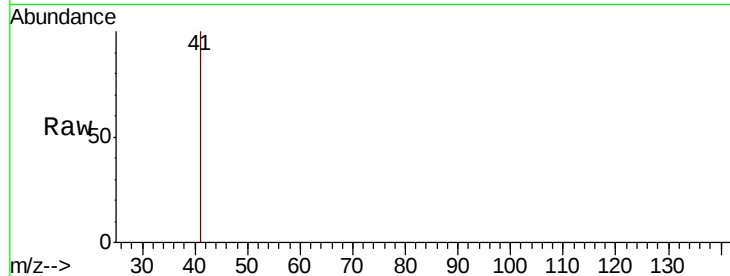




#41
Methacrylonitrile
Concen: 5.373 ug/l
RT: 6.58 min Scan# 524
Delta R.T. 0.12 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

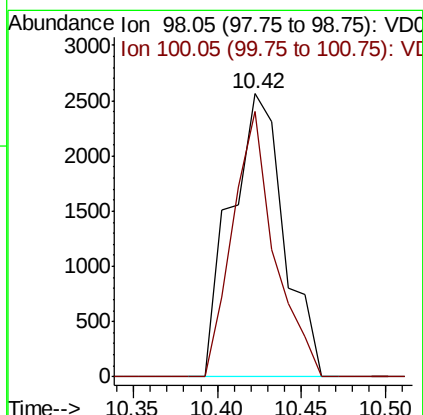
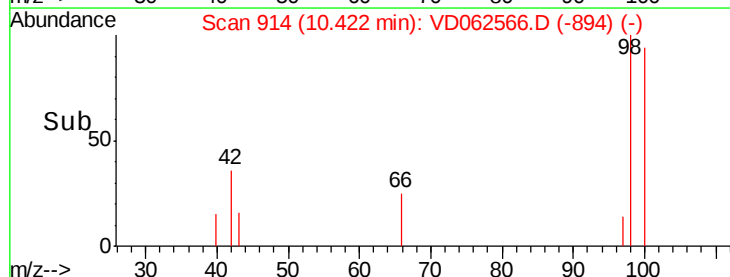
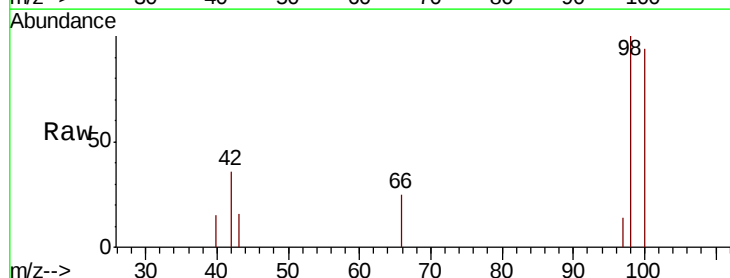
Instrument :
MSVOA_D
ClientSampleId :
20190423-HR-3

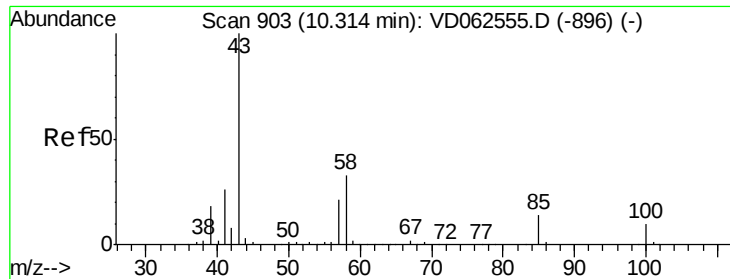
Tot Ion: 41 Resp: 204
Ion Ratio Lower Upper
41 100
39 0.0 49.0 73.6#
67 0.0 15.5 23.3#
52 0.0 8.9 13.3#



#50
Toluene-d8
Concen: 36.515 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

Tgt Ion: 98 Resp: 5605
Ion Ratio Lower Upper
98 100
100 93.9 52.3 78.5#





#51

4-Methyl-2-Pentanone

Concen: 8.388 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.11 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

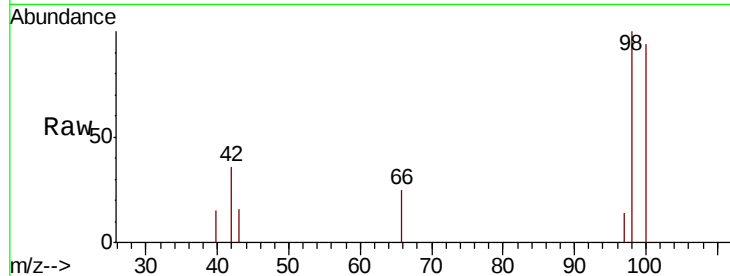
20190423-HR-3

Tot Ion: 43 Resp: 235

Ion Ratio Lower Upper

43 100

58 0.0 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.42

400

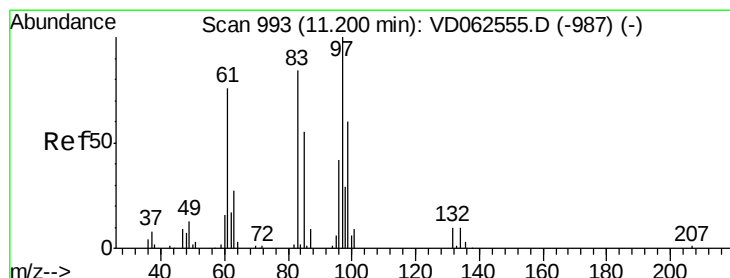
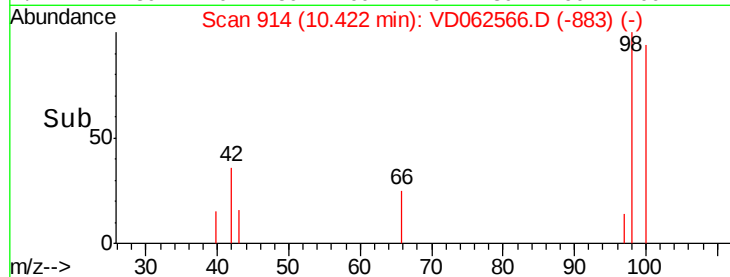
300

200

100

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 15.340 ug/l

RT: 11.25 min Scan# 998

Delta R.T. 0.05 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Tgt Ion: 97 Resp: 516

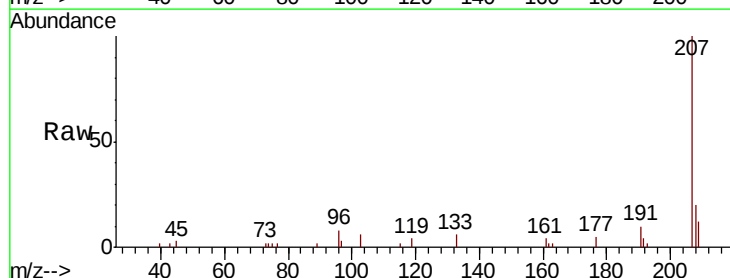
Ion Ratio Lower Upper

97 100

83 0.0 67.3 100.9#

85 0.0 43.8 65.8#

99 0.0 48.2 72.2#



Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC

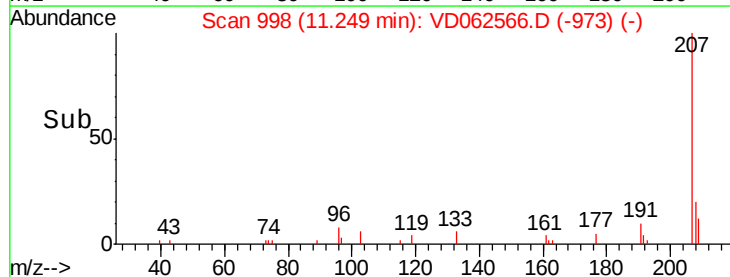
600

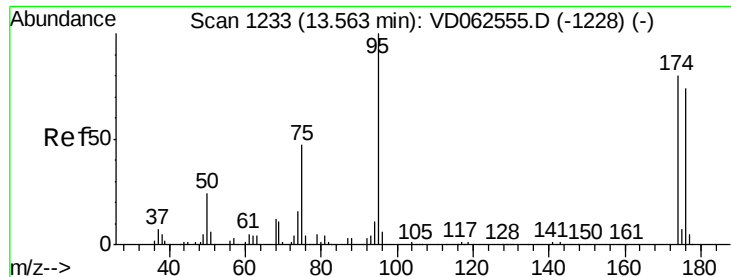
400

200

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.733 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

20190423-HR-3

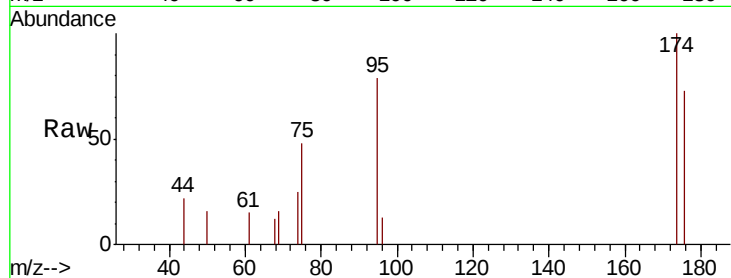
Tot Ion: 95 Resp: 3235

Ion Ratio Lower Upper

95 100

174 126.4 0.0 160.2

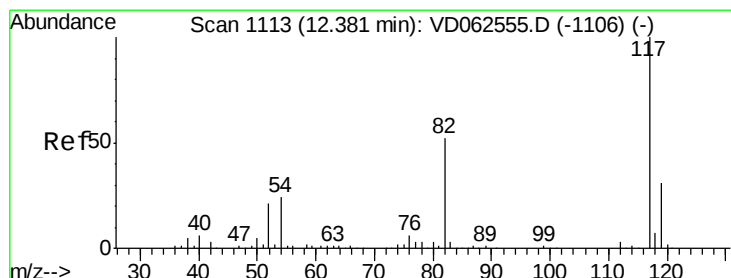
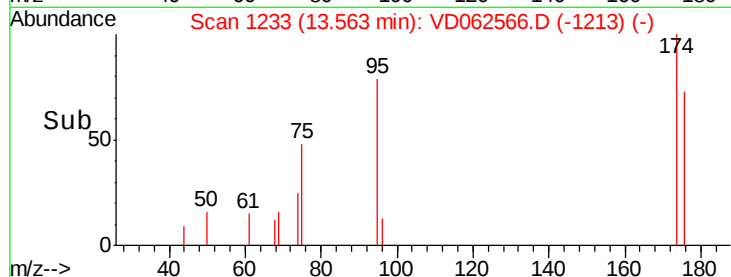
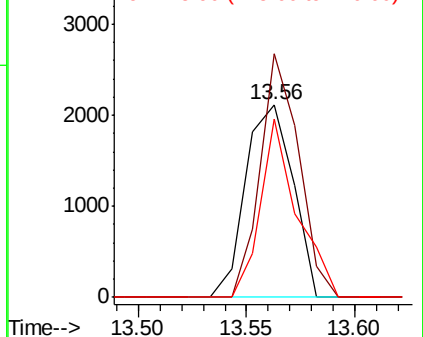
176 92.3 0.0 148.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

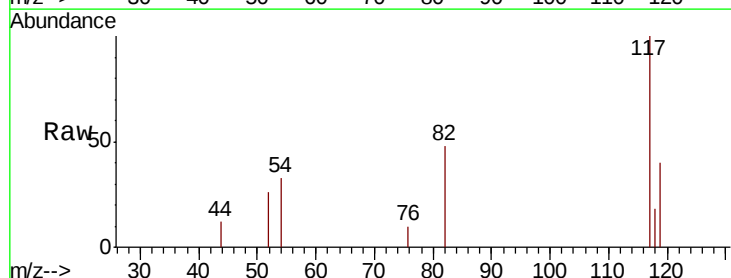
Tgt Ion: 117 Resp: 7036

Ion Ratio Lower Upper

117 100

82 48.2 41.4 62.2

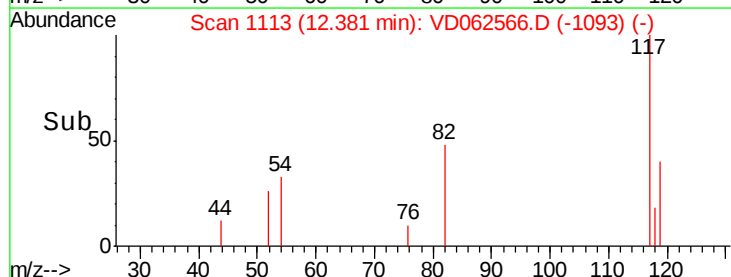
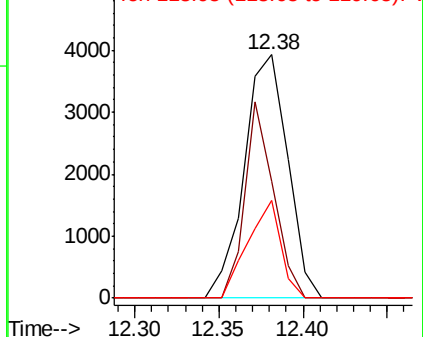
119 39.9 24.9 37.3#

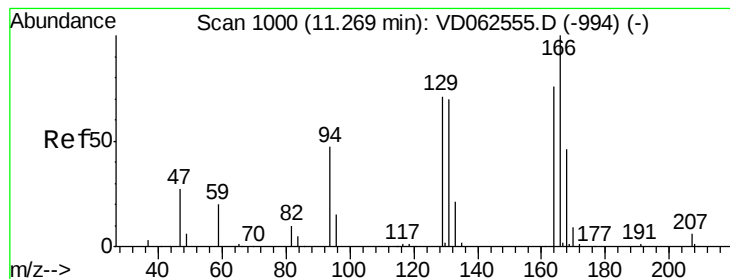


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#64

Tetrachloroethene

Concen: 4.180 ug/l

RT: 11.28 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

20190423-HR-3

Tot Ion:164 Resp: 260

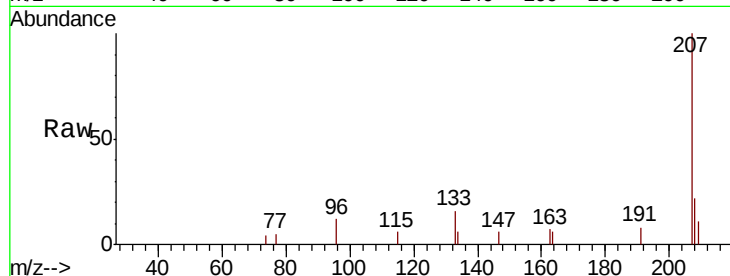
Ion Ratio Lower Upper

164 100

166 0.0 105.3 157.9#

129 0.0 75.3 112.9#

131 0.0 73.3 109.9#

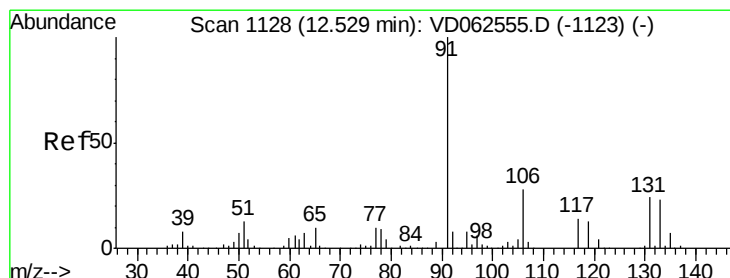
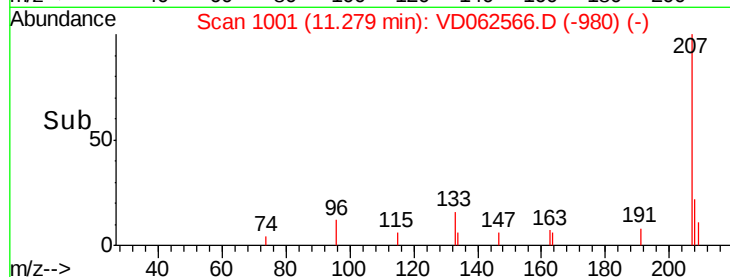
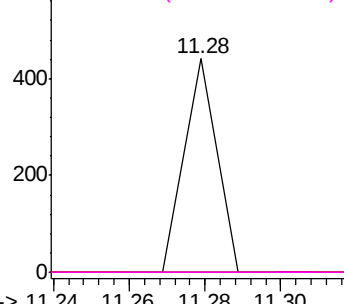


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 4.599 ug/l

RT: 12.53 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VD062566.D

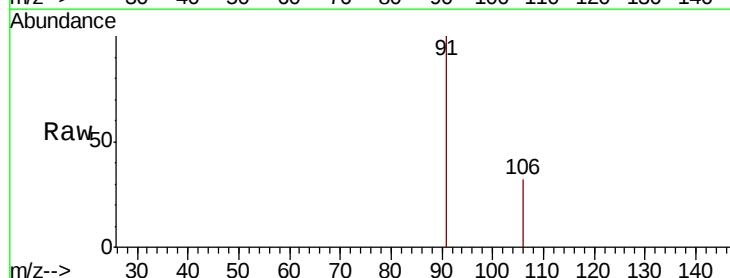
Acq: 31 May 2019 16:20

Tgt Ion: 91 Resp: 1155

Ion Ratio Lower Upper

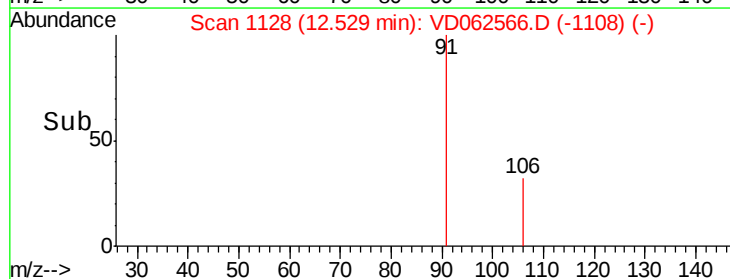
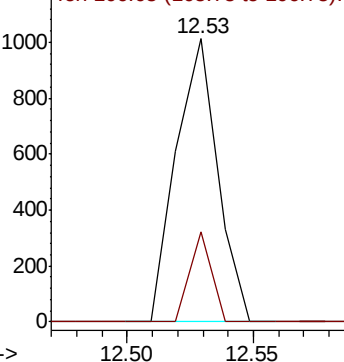
91 100

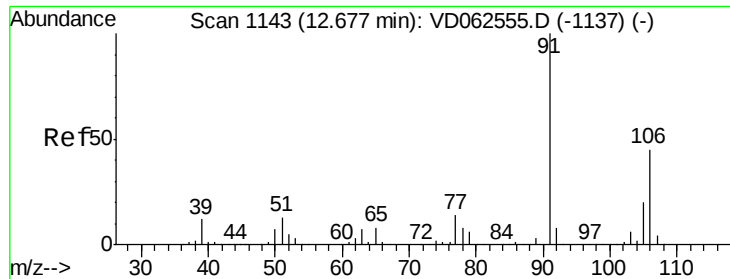
106 32.0 22.2 33.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

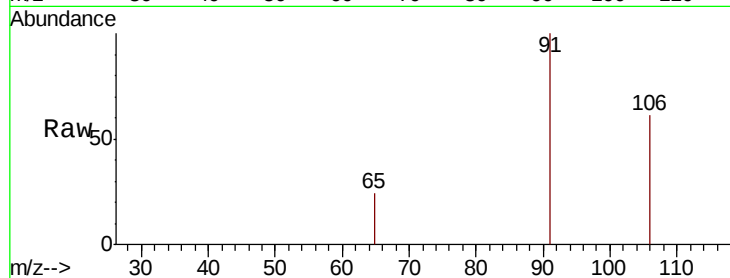




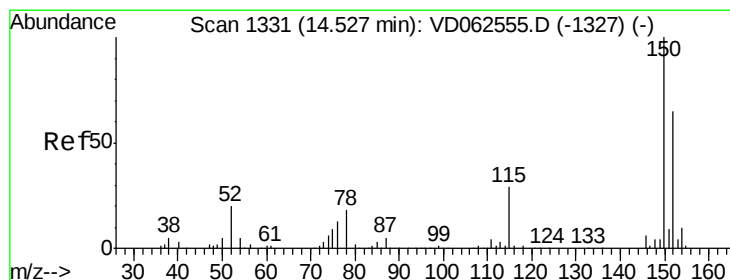
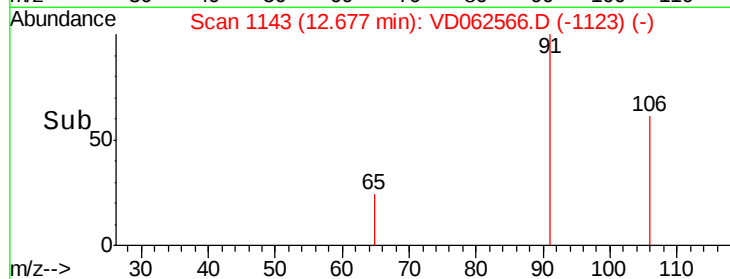
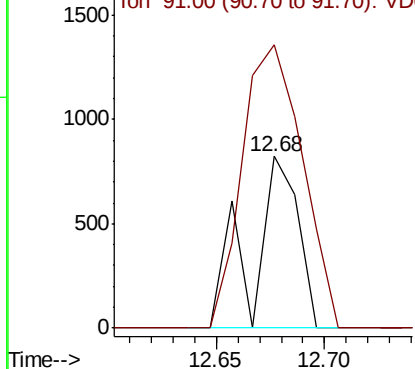
#68
m/p-Xvlenes
Concen: 14.078 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

Instrument :
MSVOA_D
ClientSampleId :
20190423-HR-3

Tot Ion:106 Resp: 1223
Ion Ratio Lower Upper
106 100
91 164.8 178.9 268.3#

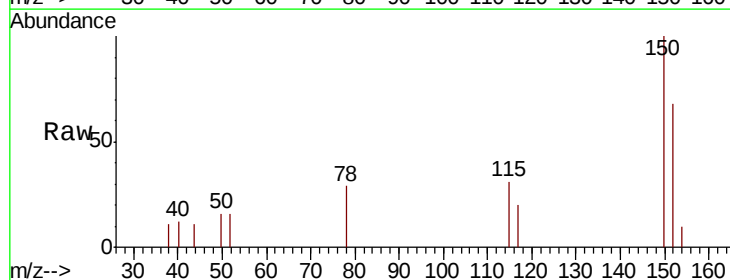


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

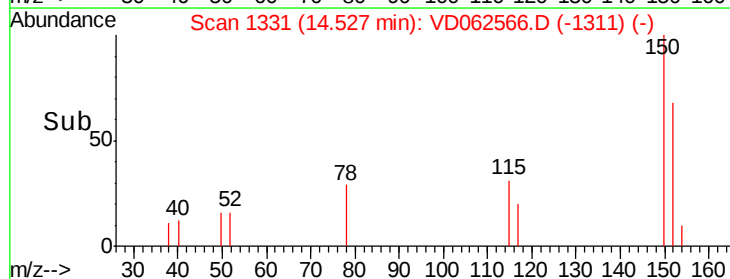
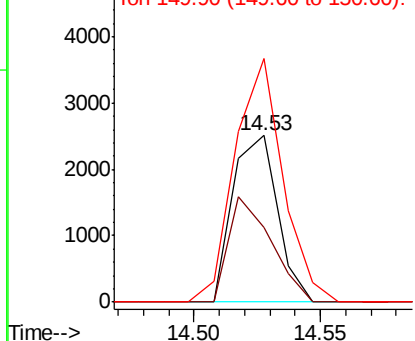


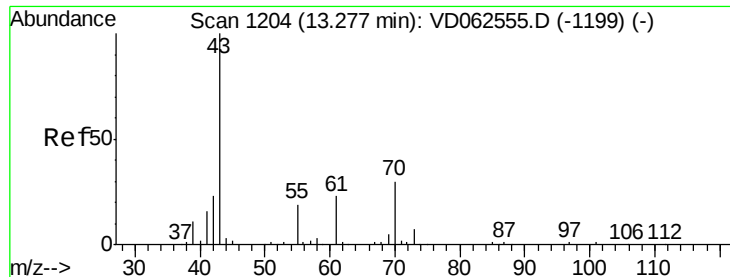
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

Tgt Ion:152 Resp: 3087
Ion Ratio Lower Upper
152 100
115 44.9 28.4 85.3
150 146.5 0.0 310.4



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





#74

N-amvl acetate

Concen: 7.227 ug/l

RT: 13.48 min Scan# 1225

Delta R.T. 0.21 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

20190423-HR-3

Tot Ion: 43 Resp: 375

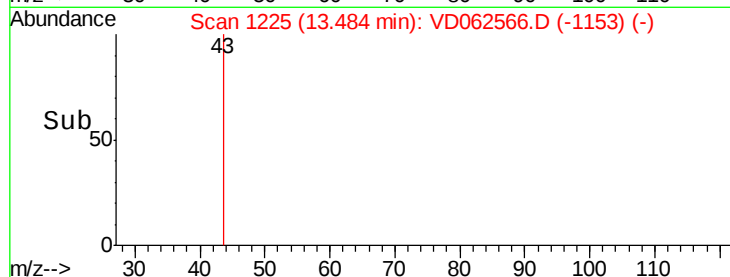
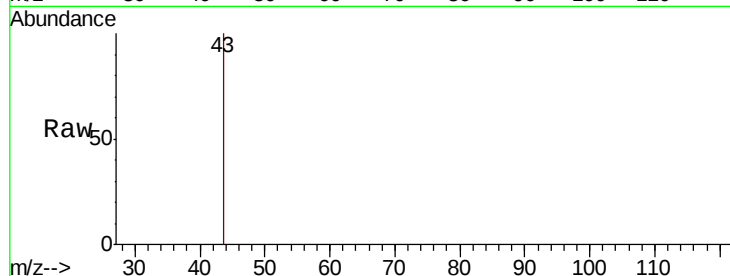
Ion Ratio Lower Upper

43 100

70 0.0 23.7 35.5#

55 0.0 15.0 22.4#

61 0.0 18.4 27.6#

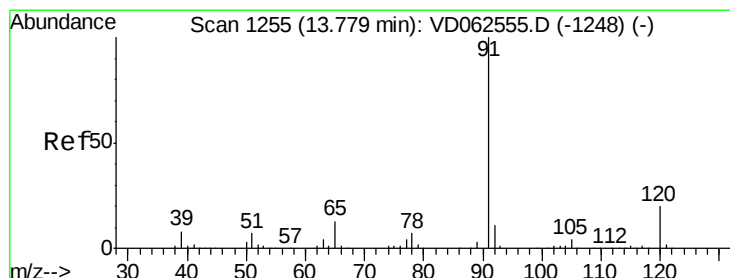
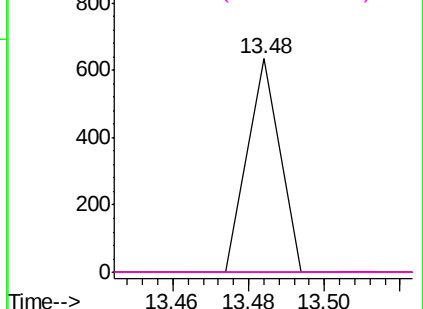


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#78

n-propylbenzene

Concen: 4.007 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD062566.D

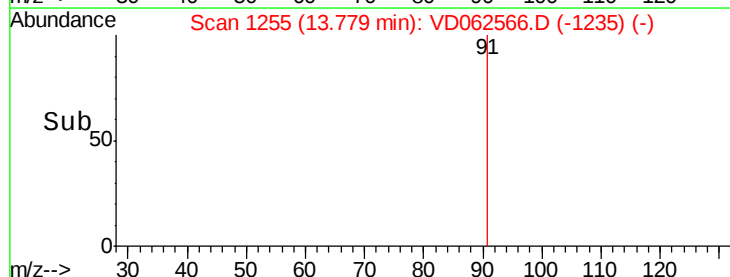
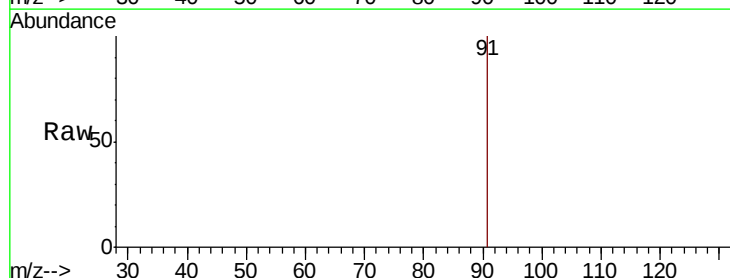
Acq: 31 May 2019 16:20

Tgt Ion: 91 Resp: 940

Ion Ratio Lower Upper

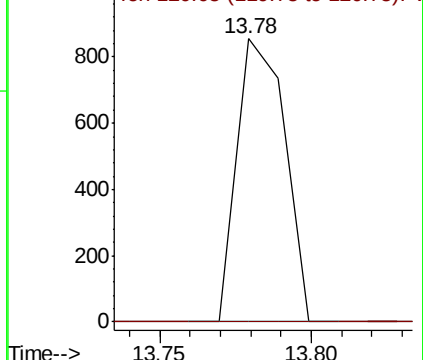
91 100

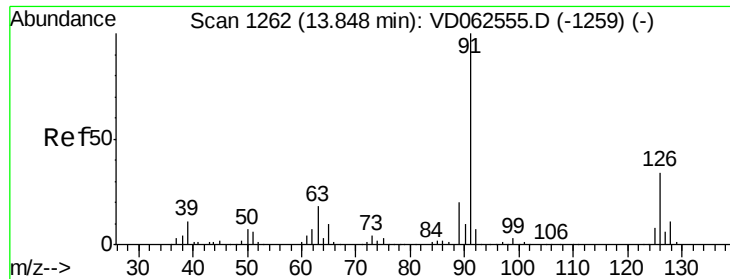
120 0.0 10.0 29.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 6.911 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.07 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

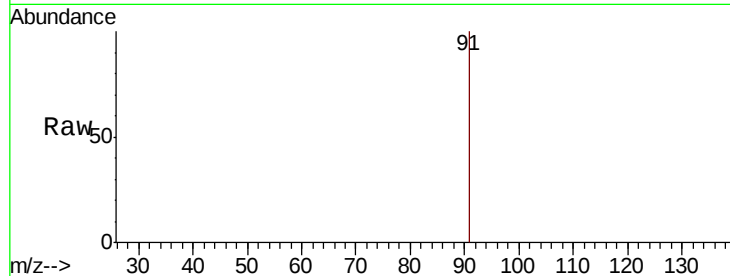
20190423-HR-3

Tot Ion: 91 Resp: 940

Ion Ratio Lower Upper

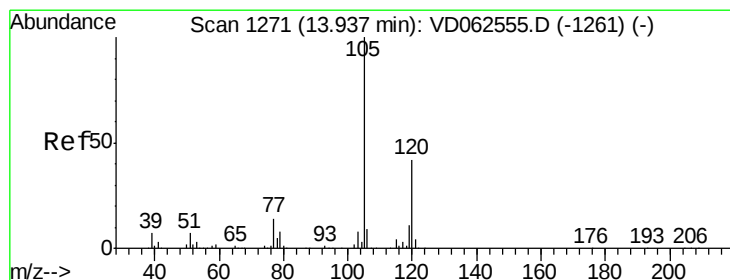
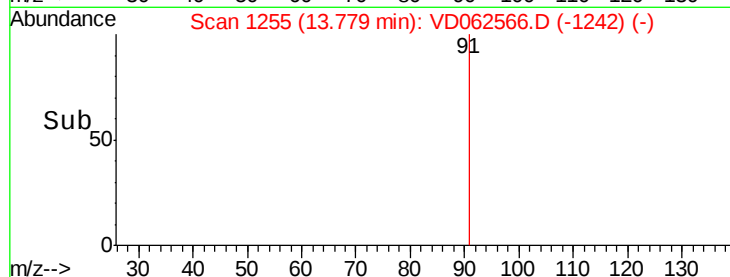
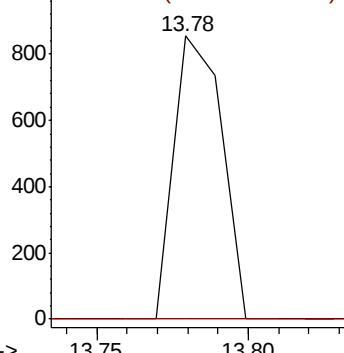
91 100

126 0.0 16.7 50.1#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 2.553 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VD062566.D

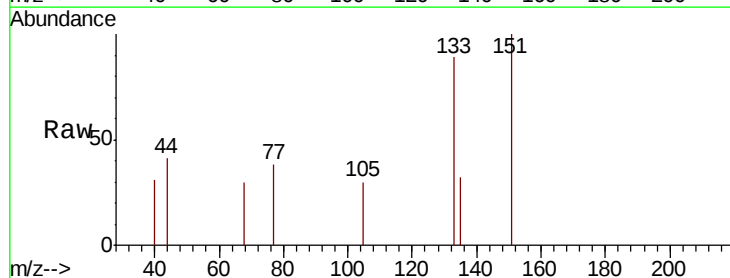
Acq: 31 May 2019 16:20

Tgt Ion: 105 Resp: 444

Ion Ratio Lower Upper

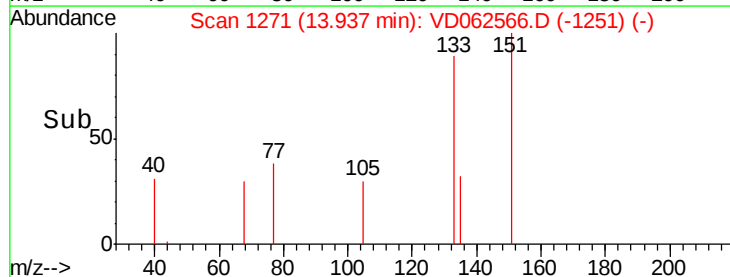
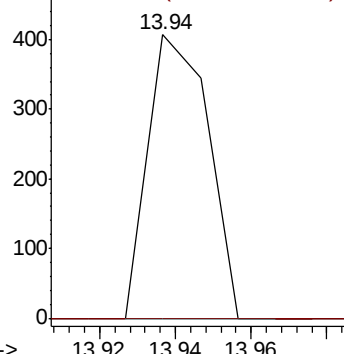
105 100

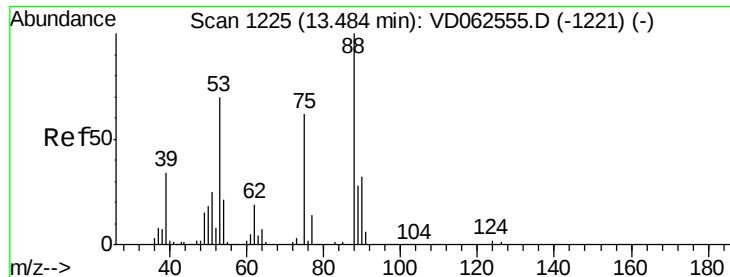
120 0.0 20.8 62.5#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

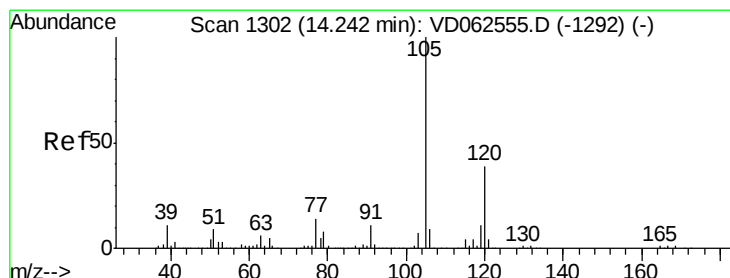
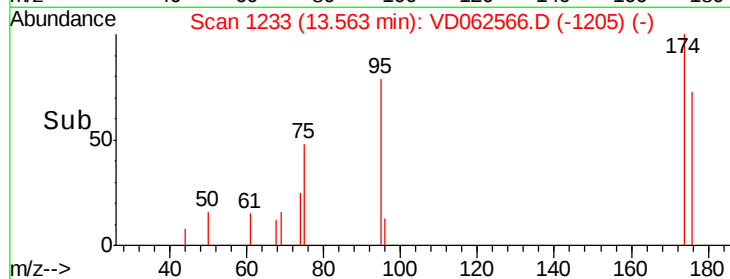
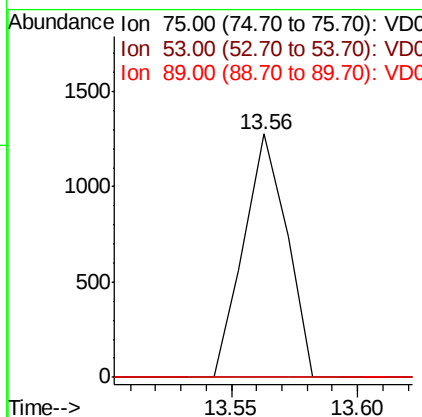
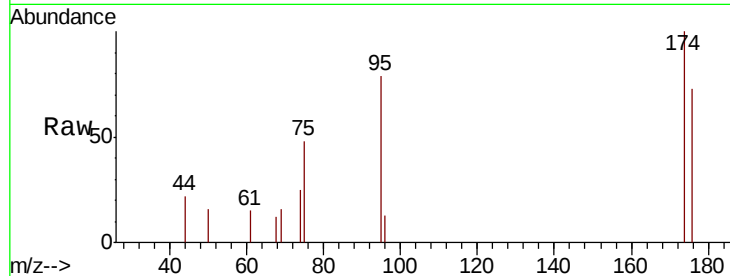




#81
trans-1,4-Dichloro-2-butene
Concen: 143.421 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.08 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

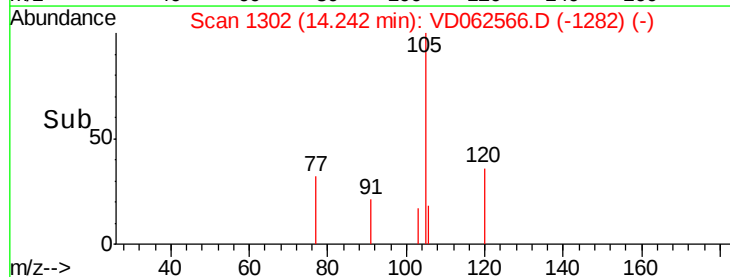
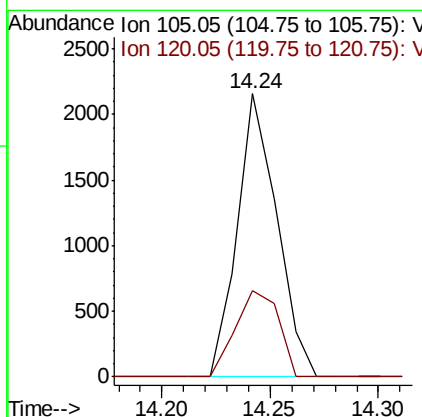
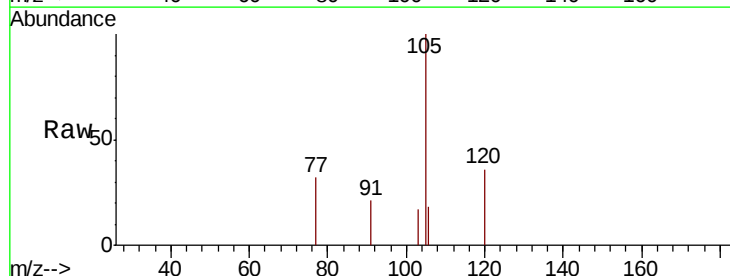
Instrument :
MSVOA_D
ClientSampleId :
20190423-HR-3

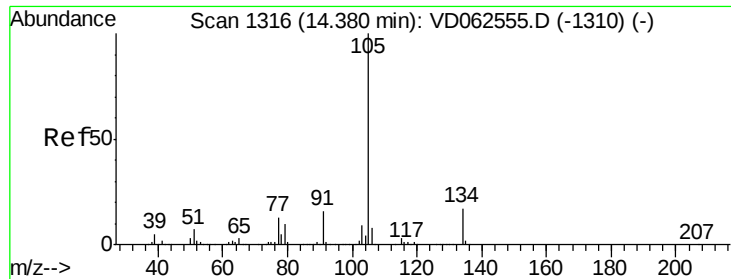
Tot Ion: 75 Resp: 1522
Ion Ratio Lower Upper
75 100
53 0.0 91.0 136.4#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 15.479 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VD062566.D
Acq: 31 May 2019 16:20

Tgt Ion:105 Resp: 2743
Ion Ratio Lower Upper
105 100
120 30.7 19.6 58.8





#85

sec-Butylbenzene

Concen: 13.344 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. -0.14 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

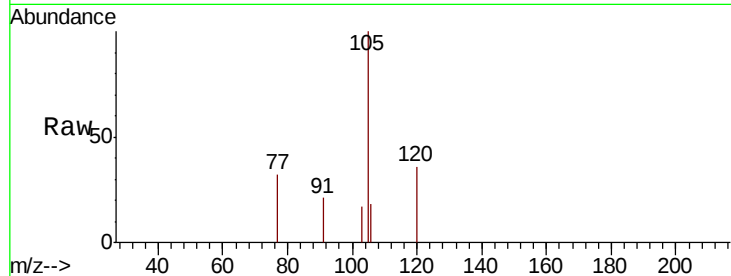
20190423-HR-3

Tot Ion:105 Resp: 2743

Ion Ratio Lower Upper

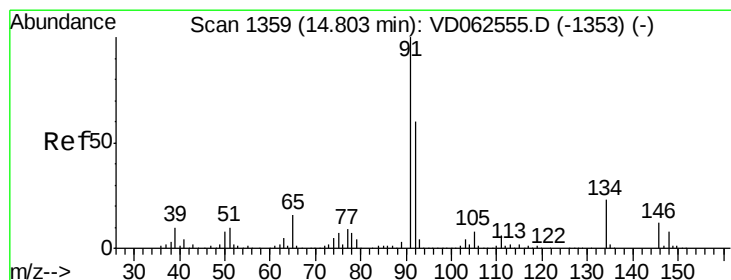
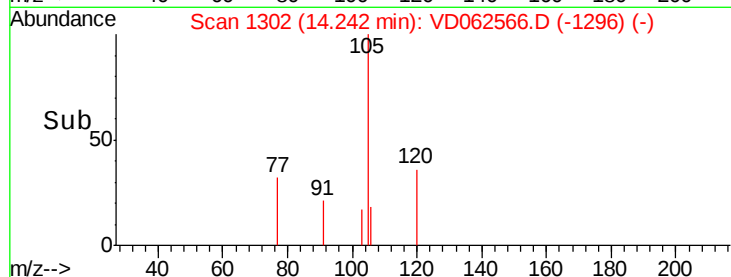
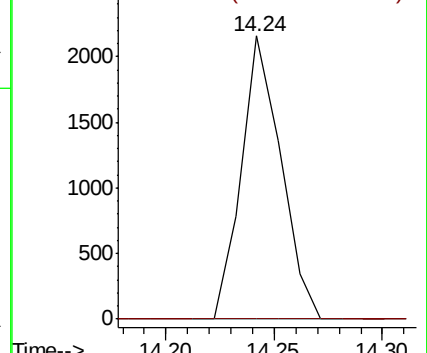
105 100

134 0.0 8.7 26.1#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#89

n-Butylbenzene

Concen: 1.132 ug/l

RT: 14.71 min Scan# 1350

Delta R.T. -0.09 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

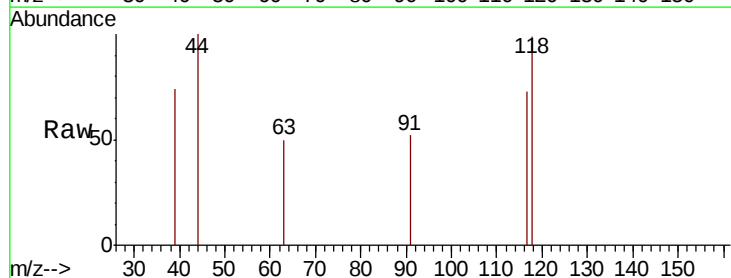
Tgt Ion: 91 Resp: 194

Ion Ratio Lower Upper

91 100

92 0.0 29.8 89.4#

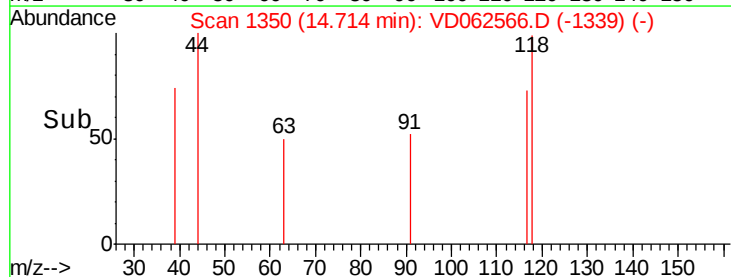
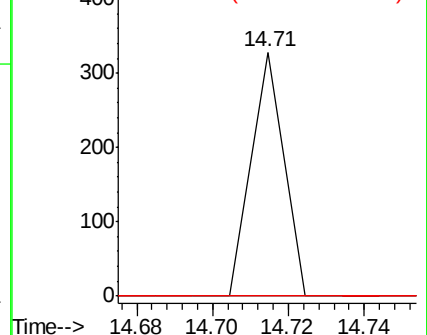
134 0.0 11.3 33.8#

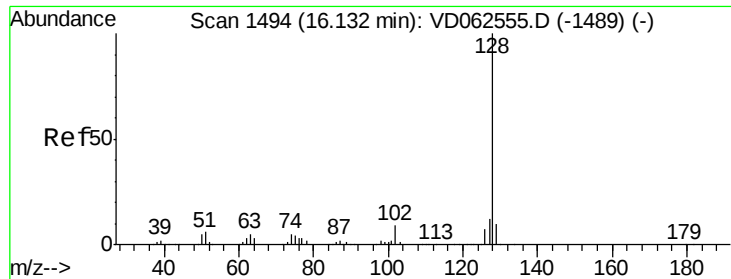


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V





#95

Naphthalene

Concen: 5.462 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VD062566.D

Acq: 31 May 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

20190423-HR-3

Tot Ion:128 Resp: 484

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 0.0 8.2 12.2#

