

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067694.D
 Acq On : 18 Nov 2020 19:01
 Operator : VA/SY
 Sample : L4778-06
 Misc : 5.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-223

Quant Time: Nov 19 00:28:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	61	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.86	114	54	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.67	117	122	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.66	152	667	50.00	ug/l	0.08

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	12.62	95	306	775.20	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	1550.40%	

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	4.29	96	59	115.882	ug/l #	1
27) cis-1,2-Dichloroethene	7.27	96	133	216.078	ug/l #	1
39) Methylcyclohexane	9.31	83	126	231.603	ug/l #	21
46) Dibromomethane	9.46	93	72	418.305	ug/l #	18
47) Bromodichloromethane	9.60	83	145	309.941	ug/l #	27
48) Methyl methacrylate	9.40	41	55	448.837	ug/l #	7
51) 4-Methyl-2-Pentanone	10.17	43	83	731.252	ug/l #	32
55) 1,1,2-Trichloroethane	10.78	97	86	377.624	ug/l #	24
56) Ethyl methacrylate	10.63	69	317	1347.911	ug/l #	76
59) 2-Hexanone	11.00	43	56	705.627	ug/l #	20
60) Dibromochloromethane	11.38	129	148	439.314	ug/l #	11
61) 1,2-Dibromoethane	11.46	107	351	1535.642	ug/l	83
65) Chlorobenzene	11.85	112	67	28.510	ug/l #	44
66) 1,1,1,2-Tetrachloroethane	11.84	131	65	70.177	ug/l #	1
67) Ethyl Benzene	11.75	91	286	71.119	ug/l #	43
68) m/p-Xylenes	11.90	106	66	42.186	ug/l #	1
69) o-Xylene	12.16	106	55	39.375	ug/l #	1
71) Bromoform	12.38	173	55	116.430	ug/l #	29
73) Isopropylbenzene	12.46	105	271	6.287	ug/l	95
74) N-amyl acetate	12.30	43	479	84.447	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.76	83	1059	180.159	ug/l #	26
78) n-propylbenzene	12.76	91	361	7.321	ug/l	85
79) 2-Chlorotoluene	12.91	91	312	11.139	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.05	105	349	9.477	ug/l	92
82) 4-Chlorotoluene	13.01	91	184	6.125	ug/l #	39
83) tert-Butylbenzene	13.22	119	452	14.483	ug/l	83
84) 1,2,4-Trimethylbenzene	13.27	105	561	15.305	ug/l	73
85) sec-Butylbenzene	13.43	105	530	12.580	ug/l	82
86) p-Isopropyltoluene	13.52	119	421	10.348	ug/l #	1
87) 1,3-Dichlorobenzene	13.49	146	57	2.822	ug/l #	1
88) 1,4-Dichlorobenzene	13.49	146	57	2.787	ug/l #	1
89) n-Butylbenzene	13.83	91	1850	52.645	ug/l #	61
90) Hexachloroethane	14.12	117	361	47.119	ug/l #	9
91) 1,2-Dichlorobenzene	13.92	146	54	3.089	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
Data File : VD067694.D
Acq On : 18 Nov 2020 19:01
Operator : VA/SY
Sample : L4778-06
Misc : 5.30G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-223

Quant Time: Nov 19 00:28:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration

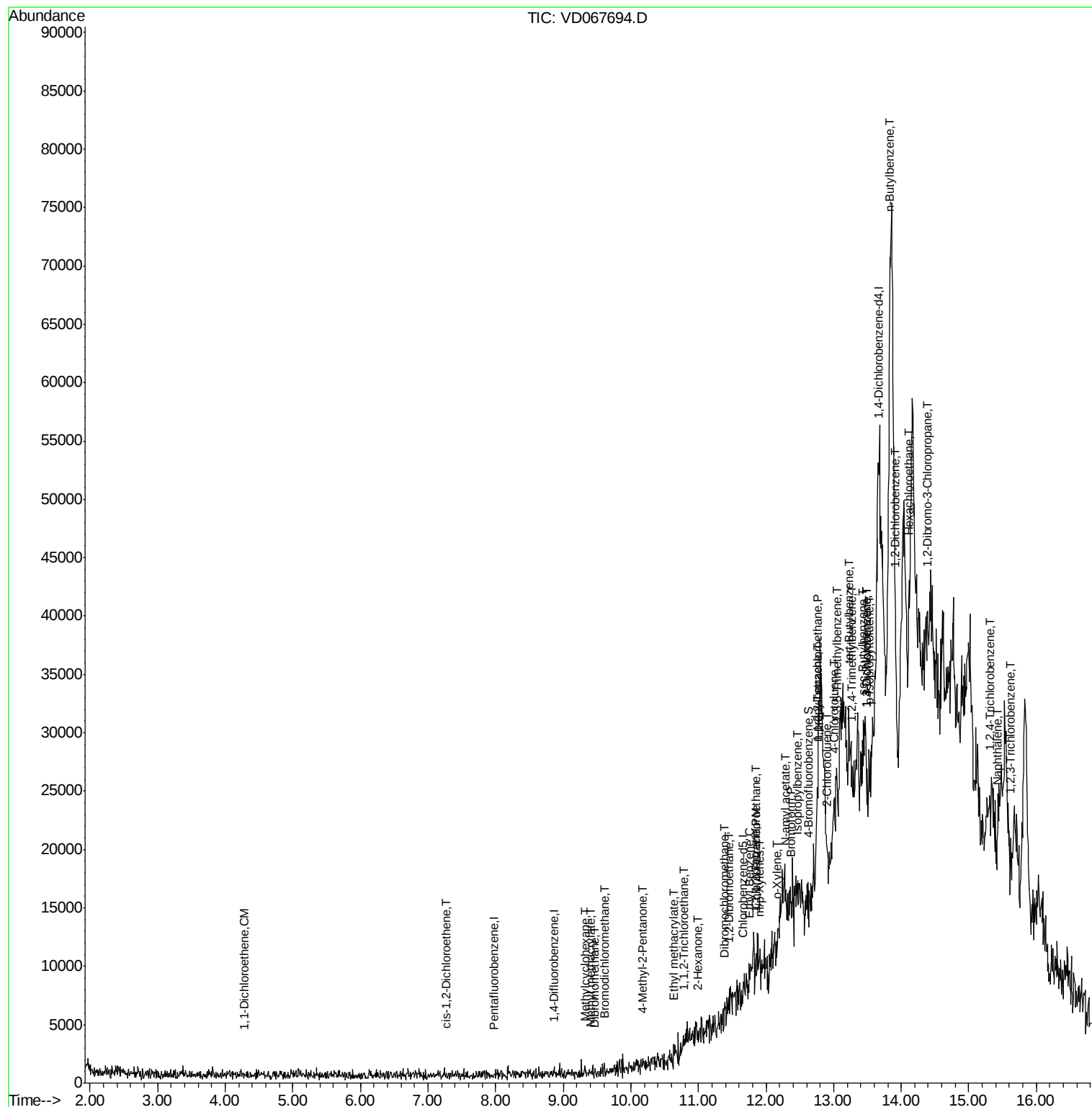
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.38	75	54	51.886	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.30	180	55	4.635	ug/l #	1
95) Naphthalene	15.42	128	300	16.383	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.61	180	59	5.806	ug/l #	1

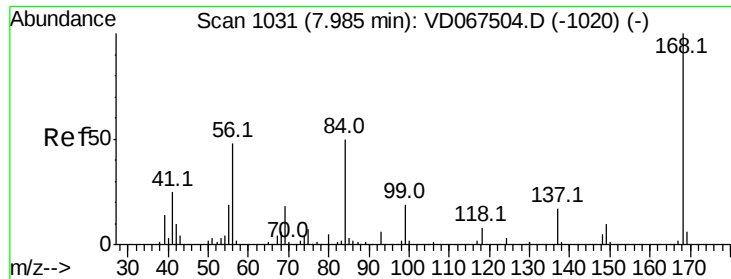
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111820\
Data File : VD067694.D
Acq On : 18 Nov 2020 19:01
Operator : VA/SY
Sample : L4778-06
Misc : 5.30G/5.00ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-223

Quant Time: Nov 19 00:28:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

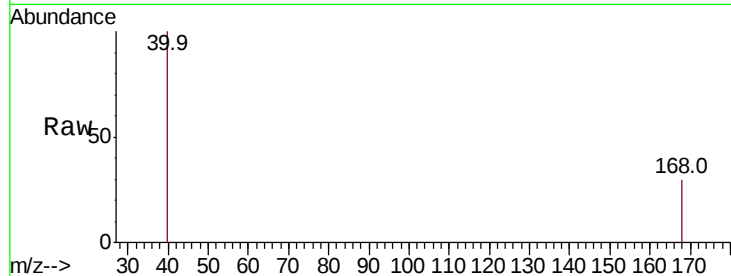
VNJ-223

Tot Ion:168 Resp: 61

Ion Ratio Lower Upper

168 100

99 0.0 45.0 67.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

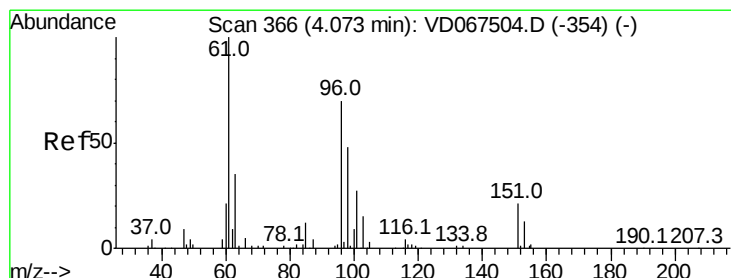
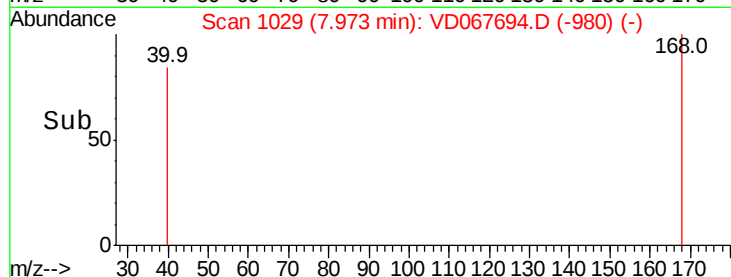
150

100

50

0

Time--> 7.95 7.96 7.97 7.98 7.99



#12

1,1-Dichloroethene

Concen: 115.882 ug/l

RT: 4.29 min Scan# 402

Delta R.T. 0.21 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

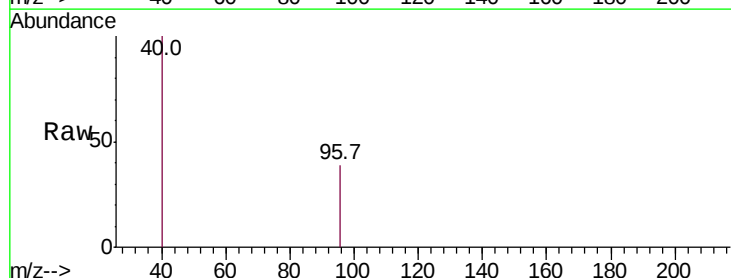
Tgt Ion: 96 Resp: 59

Ion Ratio Lower Upper

96 100

61 0.0 114.5 171.7#

98 0.0 54.5 81.7#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

200

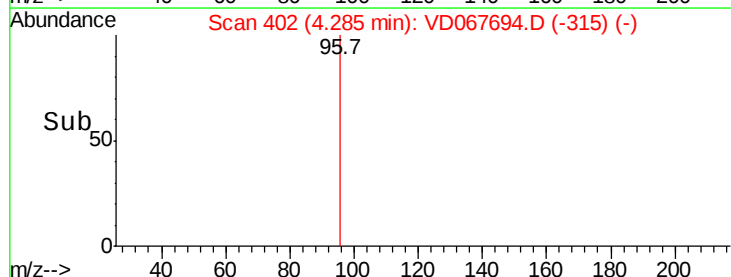
150

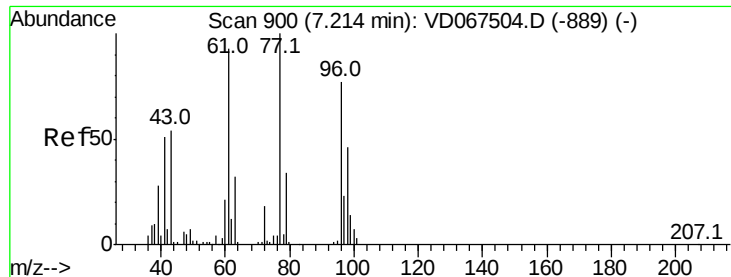
100

50

0

Time--> 4.27 4.28 4.29 4.30



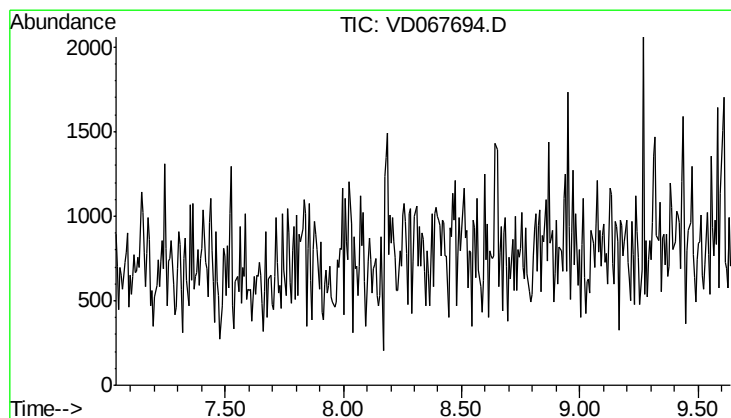
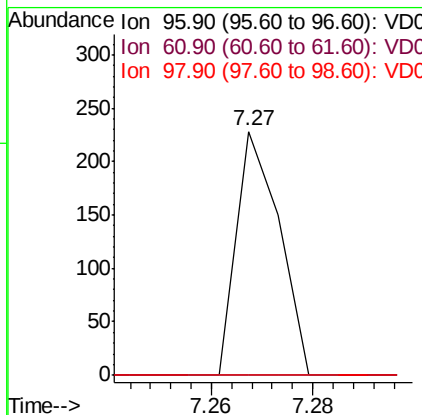
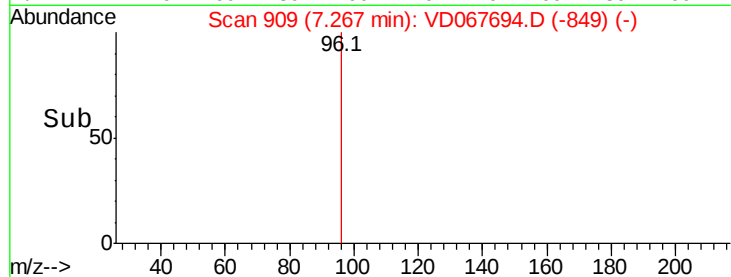
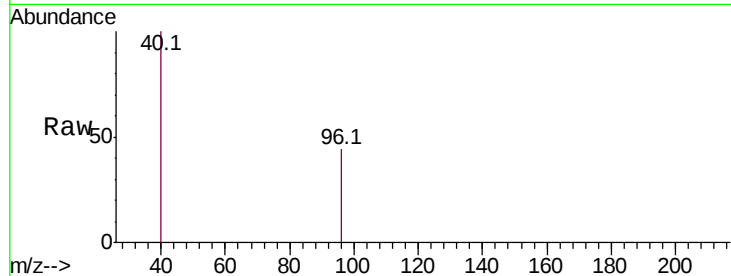


#27

cis-1,2-Dichloroethene
Concen: 216.078 ug/l
RT: 7.27 min Scan# 909
Delta R.T. 0.05 min
Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

Instrument :
MSVOA_D
ClientSampled :
VNJ-223

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	0.0	0.0	251.6	
98	0.0	0.0	128.0	

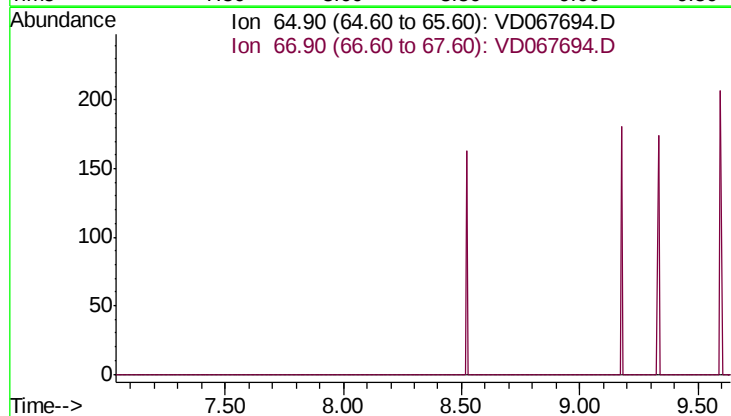


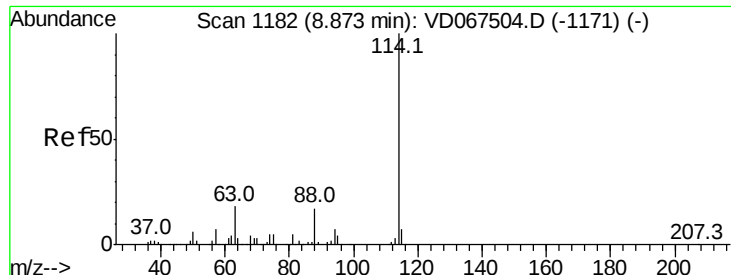
#33

1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.34 min

Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

Tgt Ion	Sig	Exp Ratio
65	100	
67	49.7	

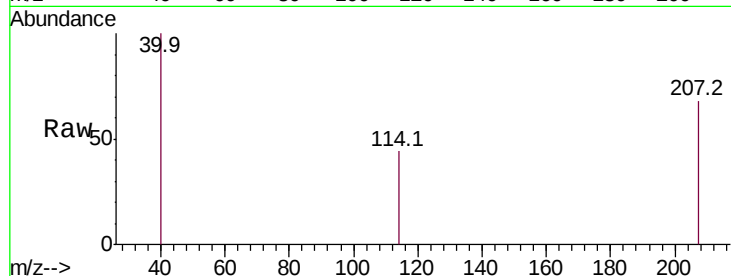




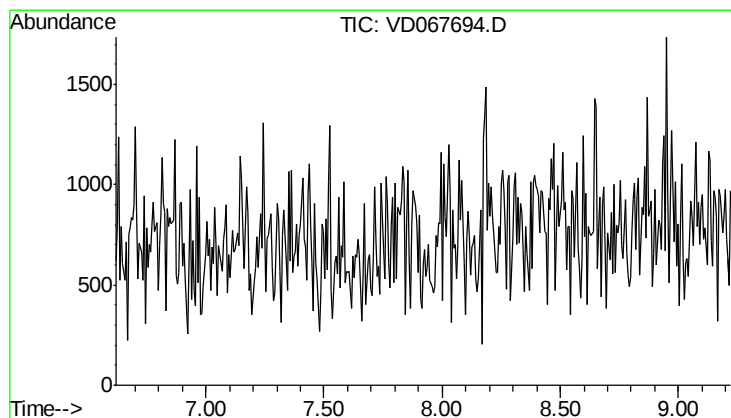
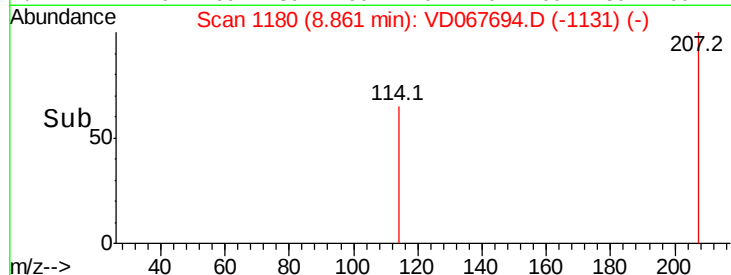
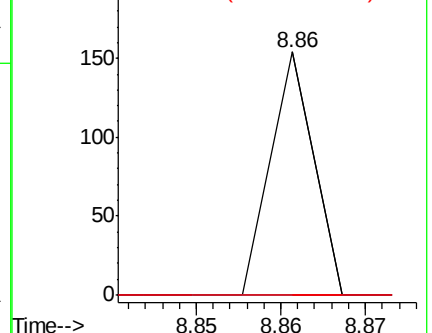
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

Instrument :
MSVOA_D
ClientSampleId :
VNJ-223

Tot Ion:114 Resp: 54
Ion Ratio Lower Upper
114 100
63 0.0 0.0 35.0
88 0.0 0.0 33.0



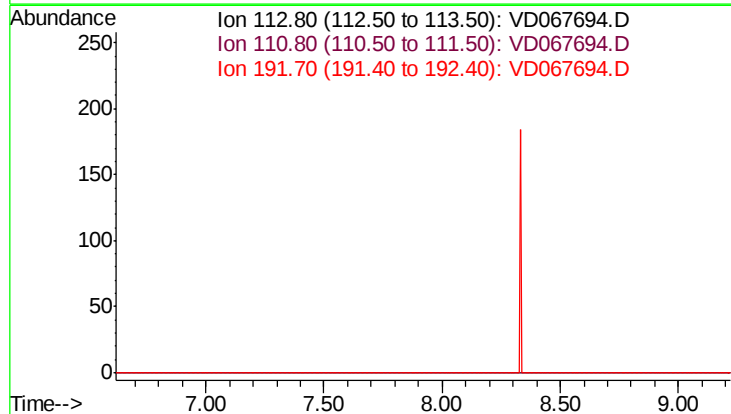
Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

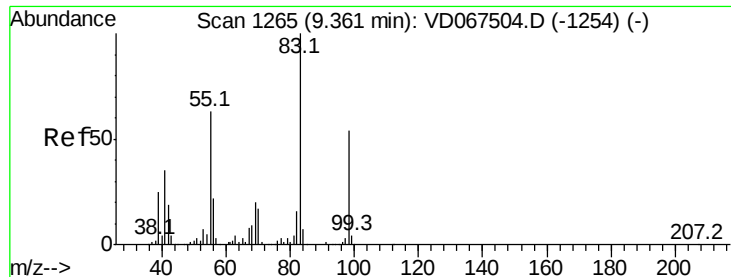


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.92 min

Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

Tgt Ion: 113
Sig Exp Ratio
113 100
111 100.0
192 20.4

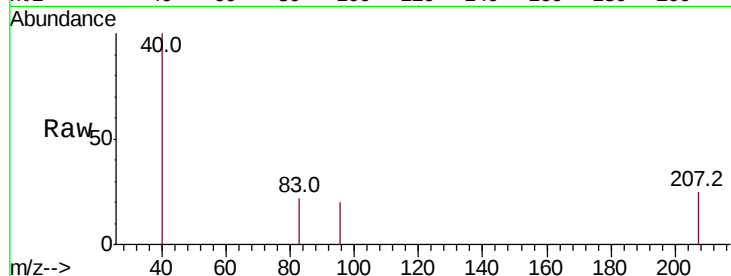




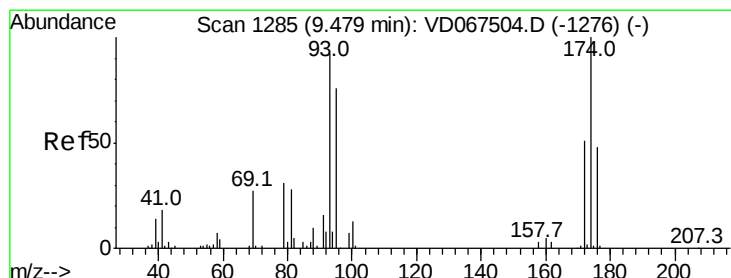
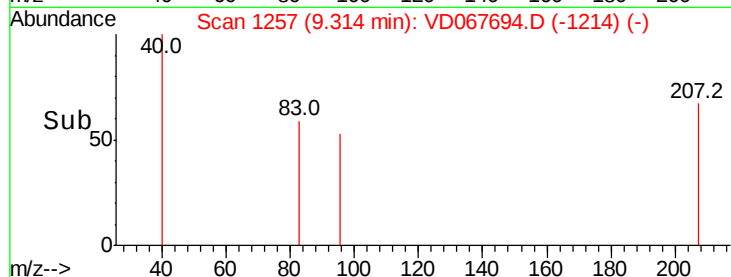
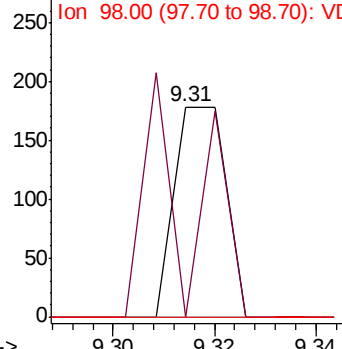
#39
Methylcyclohexane
Concen: 231.603 ug/l
RT: 9.31 min Scan# 1257
Delta R.T. -0.05 min
Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

Instrument :
MSVOA_D
ClientSampled :
VNJ-223

Tot Ion: 83 Resp: 126
Ion Ratio Lower Upper
83 100
55 0.0 50.5 75.7#
98 0.0 43.4 65.0#

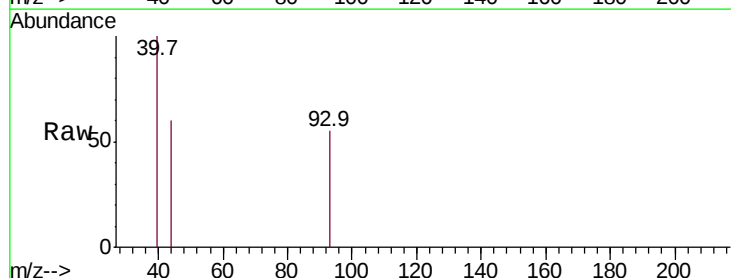


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

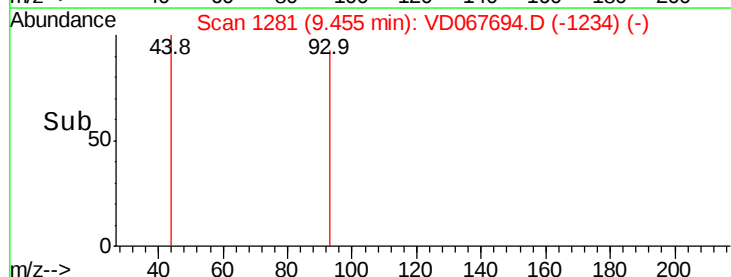
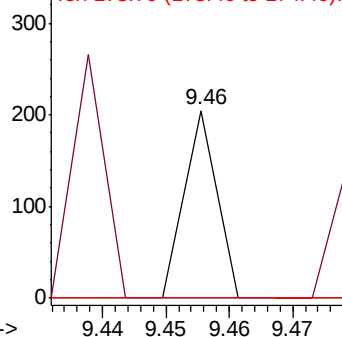


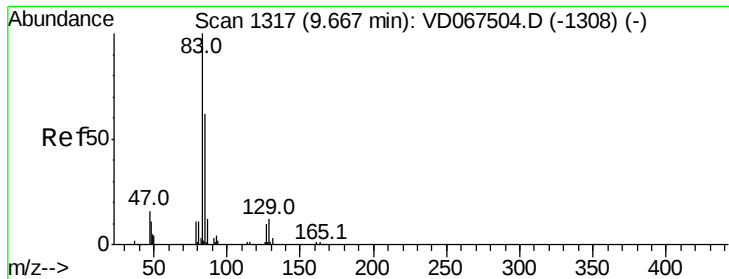
#46
Dibromomethane
Concen: 418.305 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.02 min
Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

Tgt Ion: 93 Resp: 72
Ion Ratio Lower Upper
93 100
95 130.6 66.4 99.6#
174 0.0 88.2 132.4#



Abundance Ion 92.80 (92.50 to 93.50): VDC
Ion 94.80 (94.50 to 95.50): VDC
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 309.941 ug/l

RT: 9.60 min Scan# 1306

Delta R.T. -0.06 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223

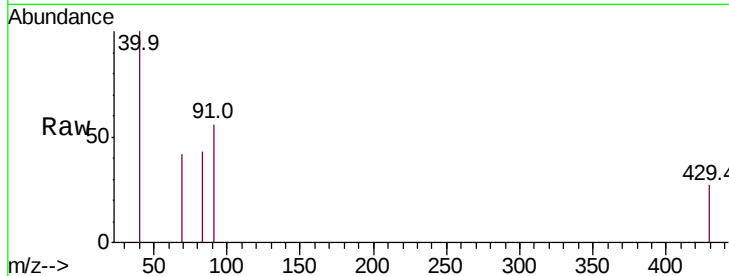
Tot Ion: 83 Resp: 145

Ion Ratio Lower Upper

83 100

85 0.0 49.4 74.2#

127 0.0 7.7 11.5#

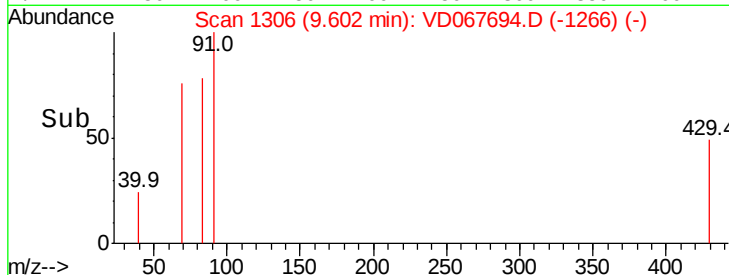


Abundance Ion 82.90 (82.60 to 83.60): VDC

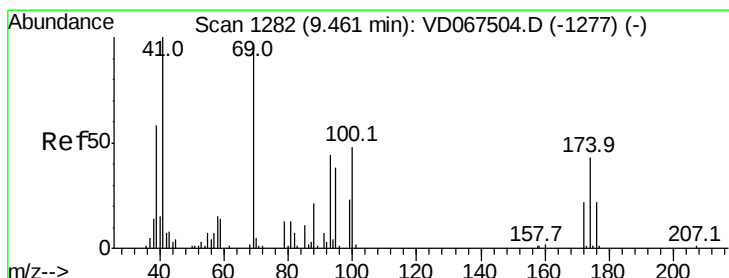
Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC

9.60



Time--> 9.58 9.60 9.62



#48

Methyl methacrylate

Concen: 448.837 ug/l

RT: 9.40 min Scan# 1272

Delta R.T. -0.06 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

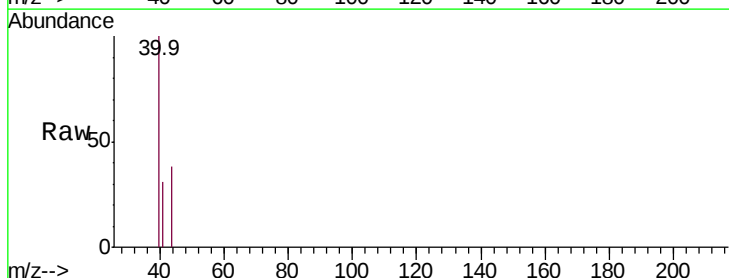
Tgt Ion: 41 Resp: 55

Ion Ratio Lower Upper

41 100

69 0.0 80.6 121.0#

39 0.0 50.2 75.4#

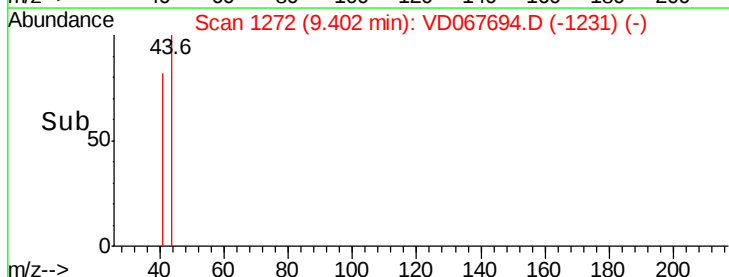


Abundance Ion 41.00 (40.70 to 41.70): VDC

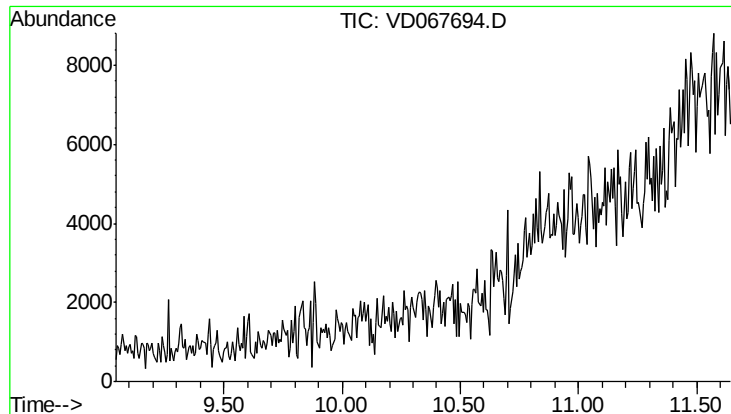
Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

9.40



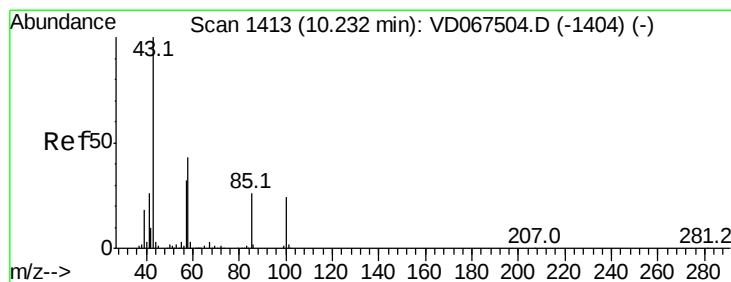
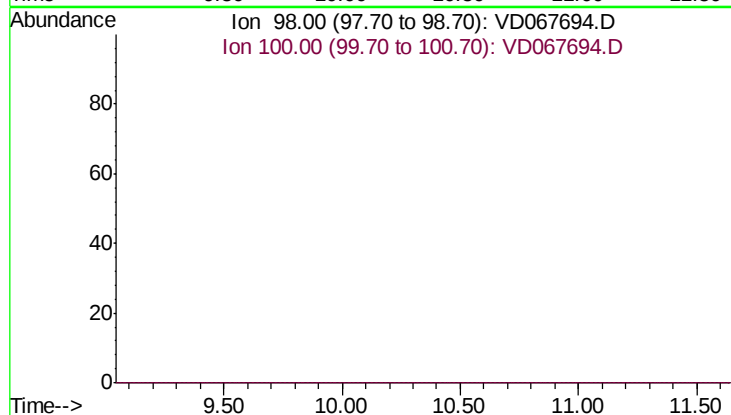
Time--> 9.38 9.39 9.40 9.41 9.42



#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.34 min

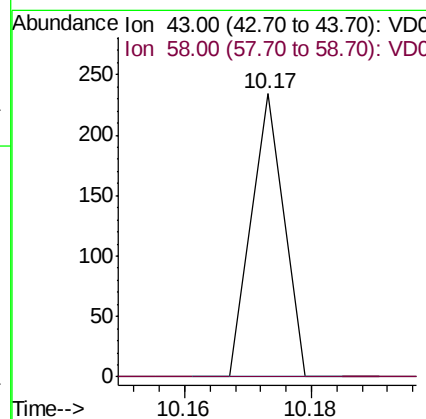
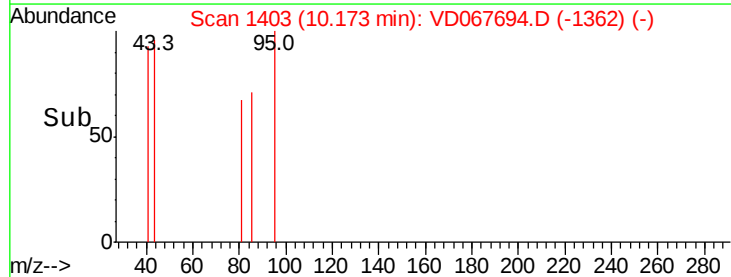
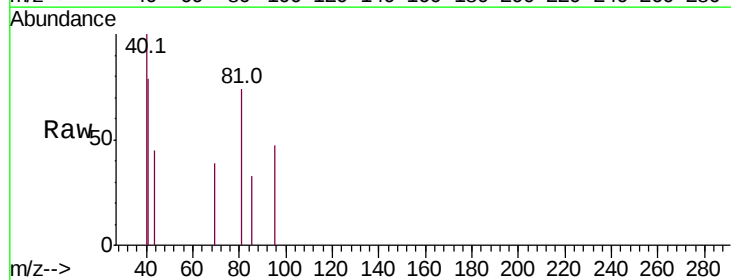
Instrument :
MSVOA_D
ClientSampleId :
VNJ-223

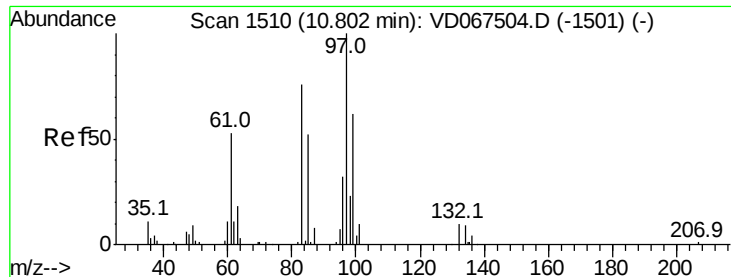
Tot Ion: 98
Sig Exp Ratio
98 100
100 66.3



#51
4-Methyl-2-Pentanone
Concen: 731.252 ug/l
RT: 10.17 min Scan# 1403
Delta R.T. -0.06 min
Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
58 0.0 35.6 53.4#





#55

1,1,2-Trichloroethane

Concen: 377.624 ug/l

RT: 10.78 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223

Tot Ion: 97 Resp: 86

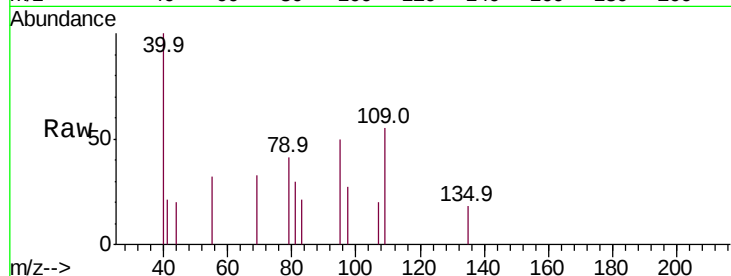
Ion Ratio Lower Upper

97 100

83 13.2 61.0 91.6#

85 0.0 41.5 62.3#

99 0.0 49.4 74.2#

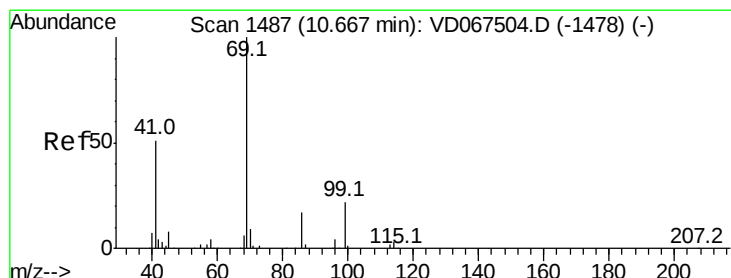
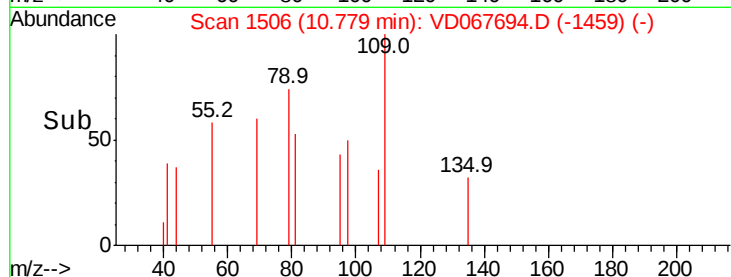
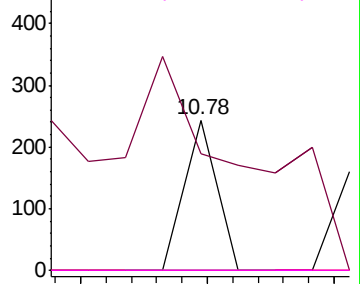


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 1347.911 ug/l

RT: 10.63 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

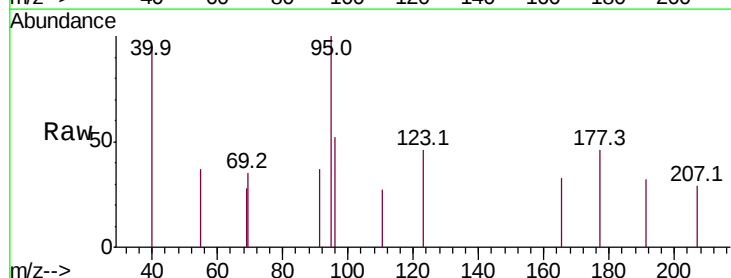
Tgt Ion: 69 Resp: 317

Ion Ratio Lower Upper

69 100

41 58.7 45.4 68.0

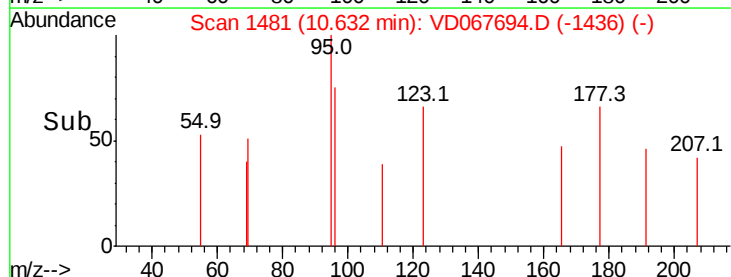
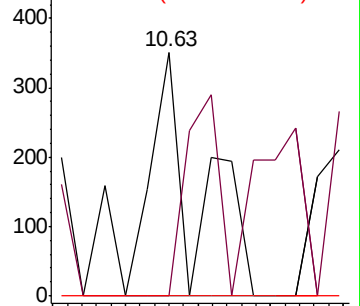
39 0.0 27.4 41.0#

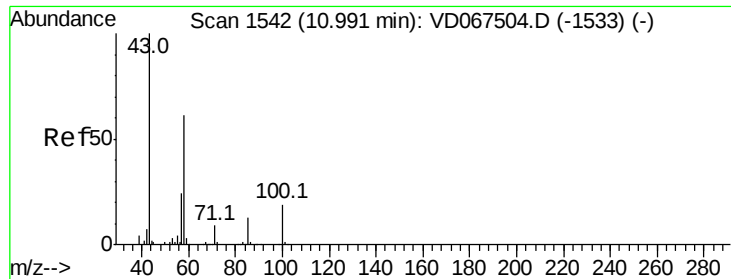


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

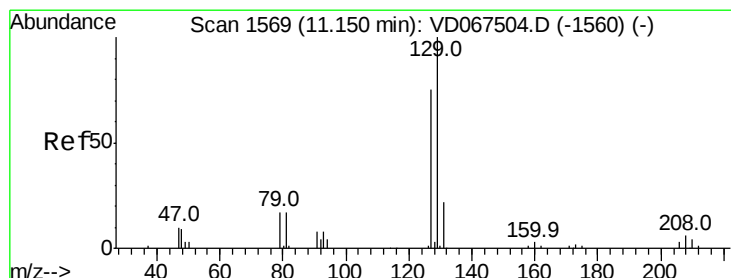
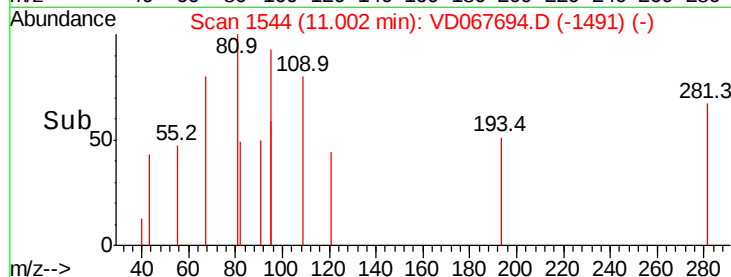
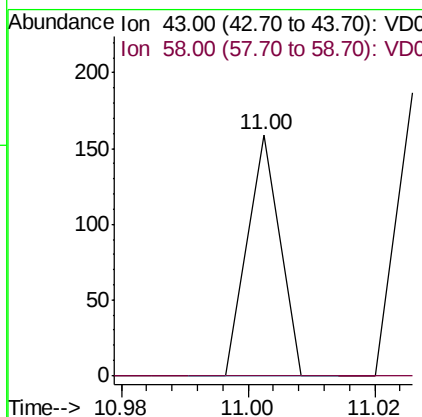
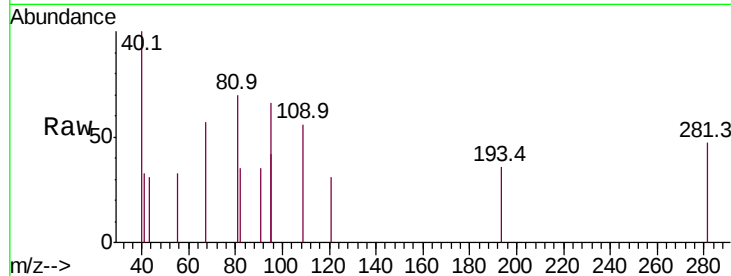




#59
2-Hexanone
Concen: 705.627 ug/l
RT: 11.00 min Scan# 1544
Delta R.T. 0.01 min
Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

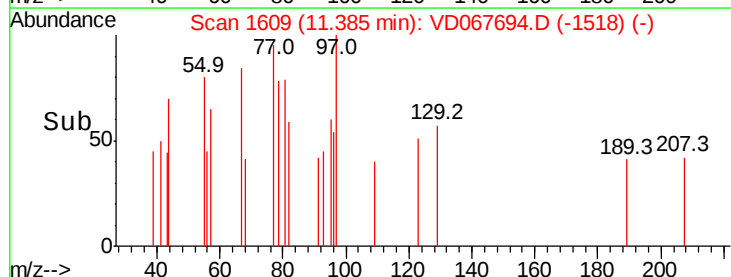
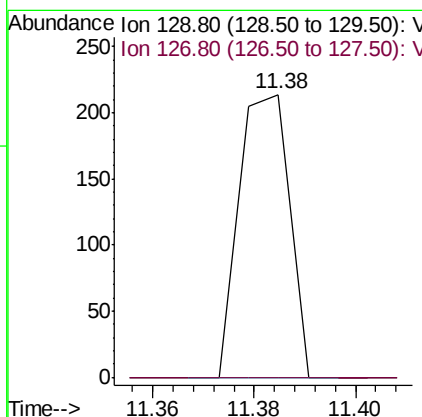
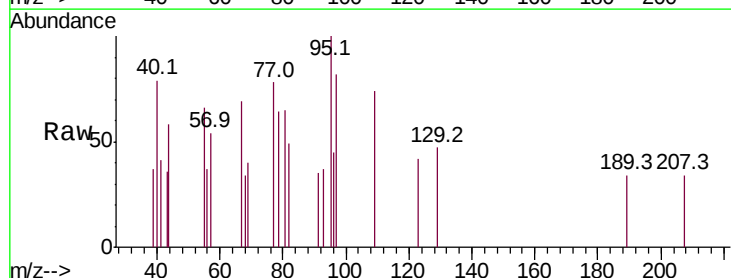
Instrument :
MSVOA_D
ClientSampleId :
VNJ-223

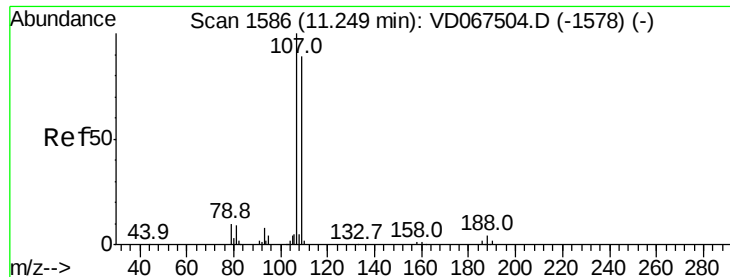
Tot Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 30.3 90.9#



#60
Dibromochloromethane
Concen: 439.314 ug/l
RT: 11.38 min Scan# 1609
Delta R.T. 0.24 min
Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

Tgt Ion: 129 Resp: 148
Ion Ratio Lower Upper
129 100
127 0.0 38.0 114.1#

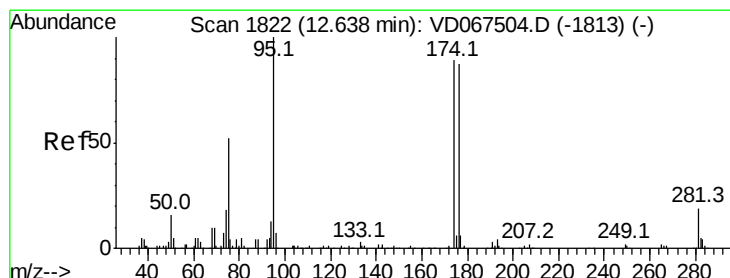
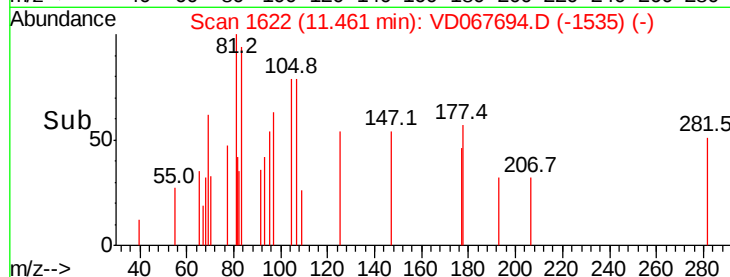
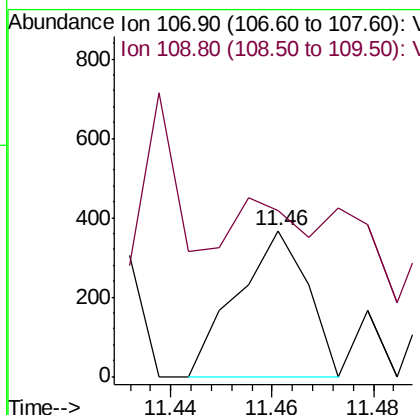
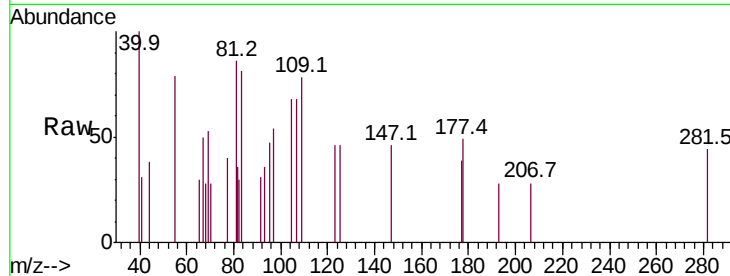




#61
 1,2-Dibromoethane
 Concen: 1535.642 ug/l
 RT: 11.46 min Scan# 1622
 Delta R.T. 0.21 min
 Lab File: VD067694.D
 Acq: 18 Nov 2020 19:01

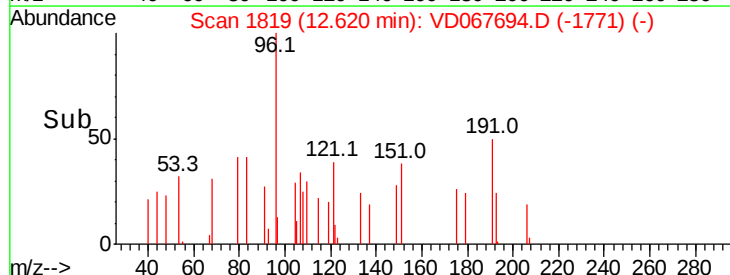
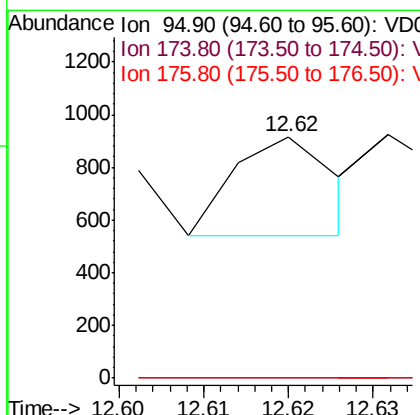
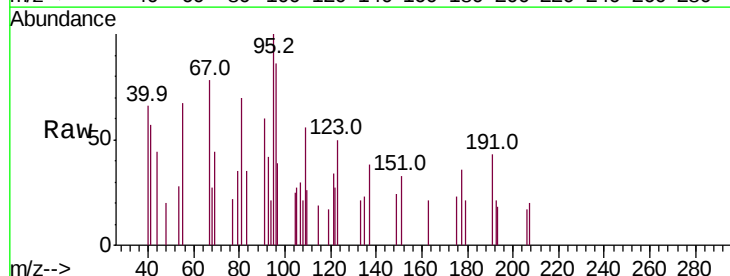
Instrument :
 MSVOA_D
 ClientSampleID :
 VNJ-223

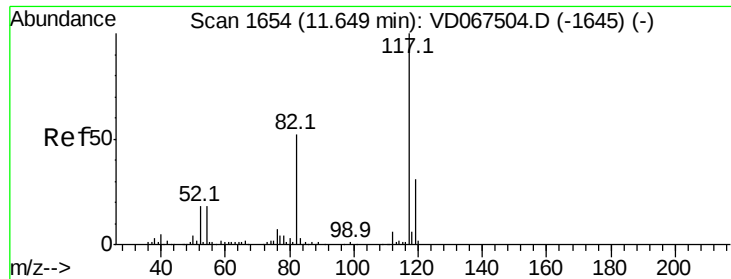
Tot Ion: 107 Resp: 351
 Ion Ratio Lower Upper
 107 100
 109 109.7 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 775.198 ug/l
 RT: 12.62 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: VD067694.D
 Acq: 18 Nov 2020 19:01

Tgt Ion: 95 Resp: 306
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 177.8
 176 0.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. 0.02 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223

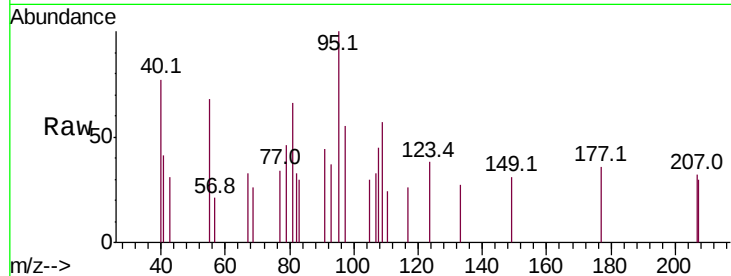
Tot Ion:117 Resp: 122

Ion Ratio Lower Upper

117 100

82 128.2 41.6 62.4#

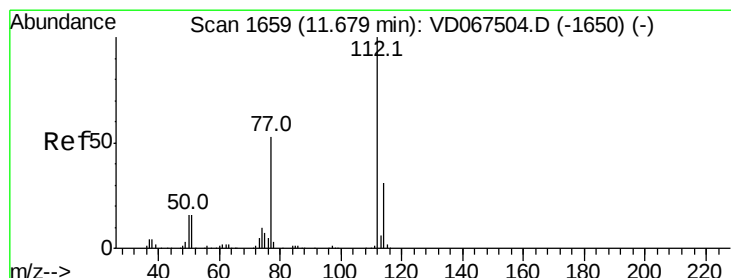
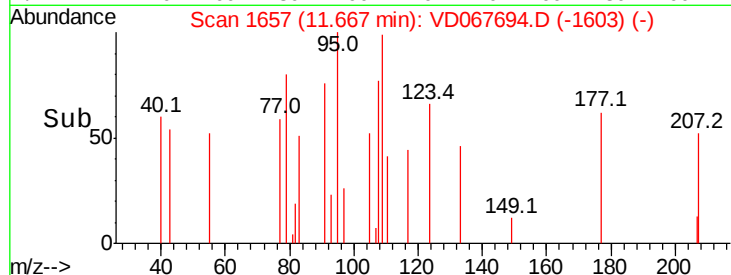
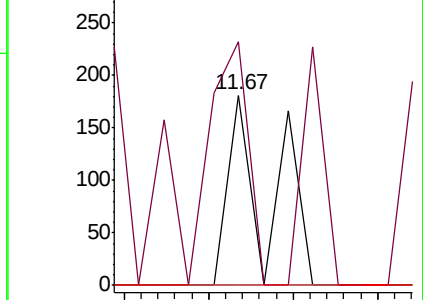
119 0.0 25.1 37.7#



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 28.510 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.17 min

Lab File: VD067694.D

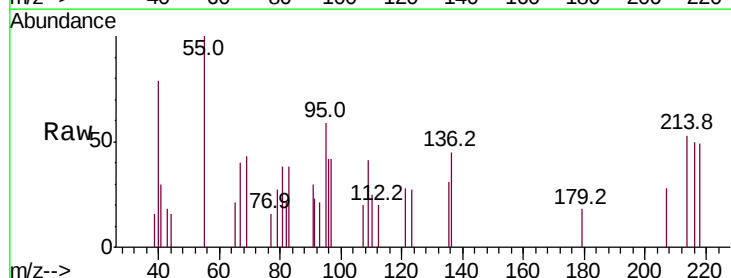
Acq: 18 Nov 2020 19:01

Tgt Ion:112 Resp: 67

Ion Ratio Lower Upper

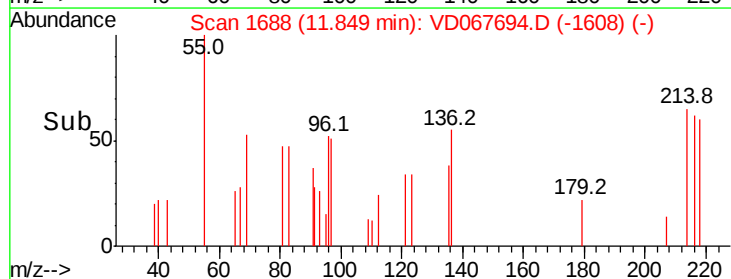
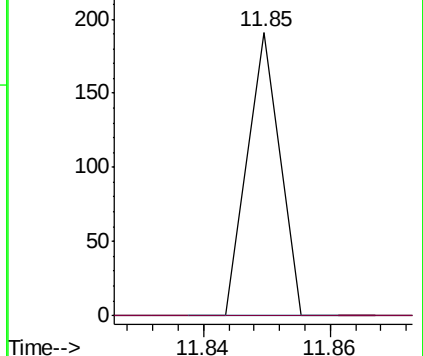
112 100

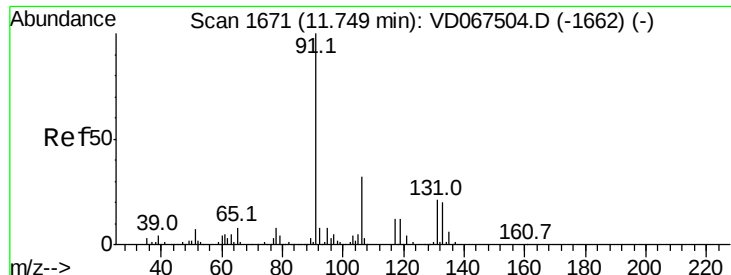
114 0.0 24.9 37.3#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

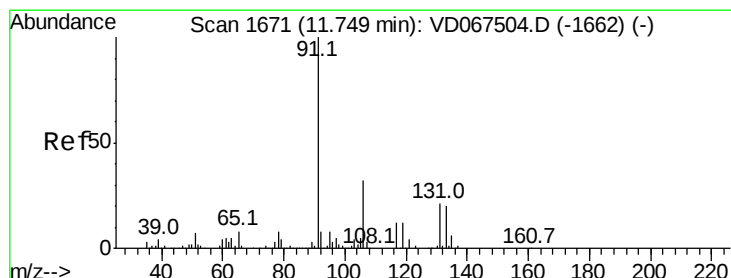
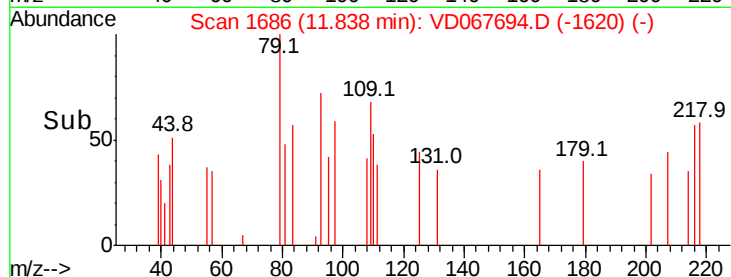
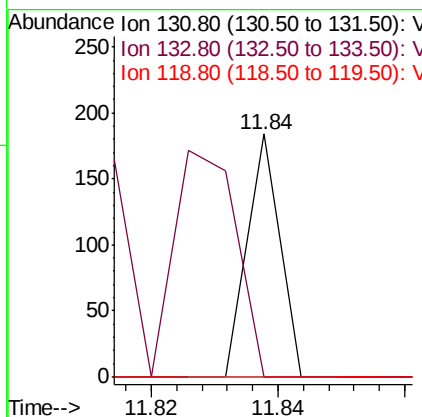
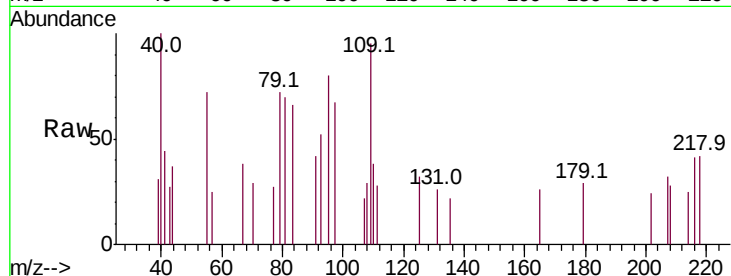




#66
 1,1,1,2-Tetrachloroethane
 Concen: 70.177 ug/l
 RT: 11.84 min Scan# 1686
 Delta R.T. 0.09 min
 Lab File: VD067694.D
 Acq: 18 Nov 2020 19:01

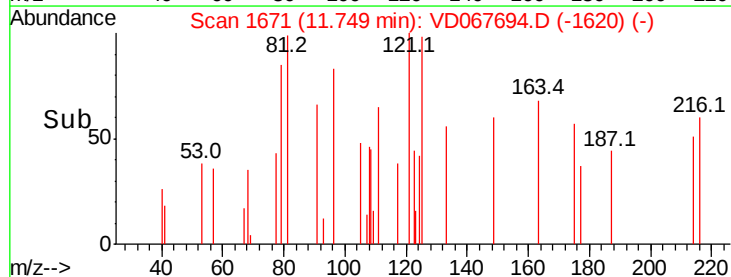
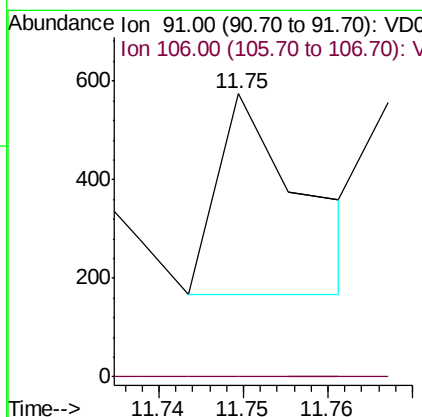
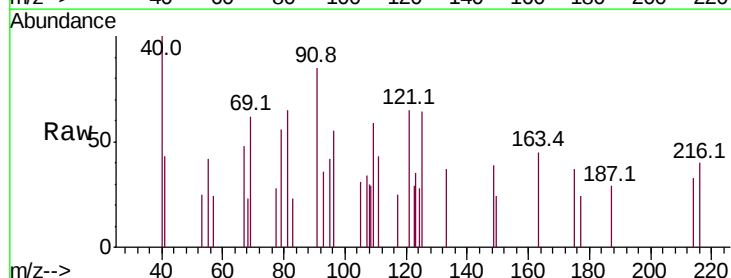
Instrument :
 MSVOA_D
 ClientSampled :
 VNJ-223

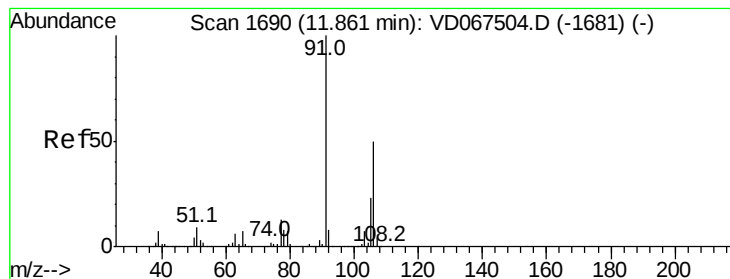
Tot Ion:131 Resp: 65
 Ion Ratio Lower Upper
 131 100
 133 267.7 48.0 144.0#
 119 0.0 30.1 90.5#



#67
 Ethyl Benzene
 Concen: 71.119 ug/l
 RT: 11.75 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VD067694.D
 Acq: 18 Nov 2020 19:01

Tgt Ion: 91 Resp: 286
 Ion Ratio Lower Upper
 91 100
 106 0.0 25.7 38.5#





#68

m/p-Xylenes

Concen: 42.186 ug/l

RT: 11.90 min Scan# 1696

Delta R.T. 0.04 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

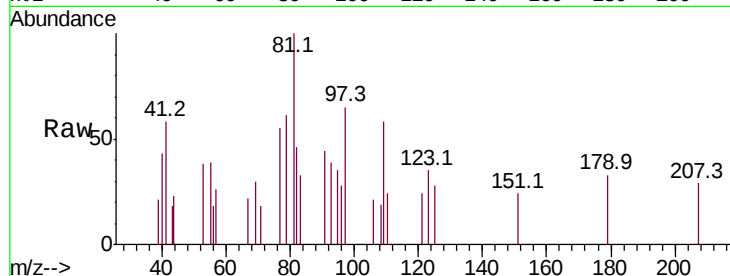
VNJ-223

Tot Ion:106 Resp: 66

Ion Ratio Lower Upper

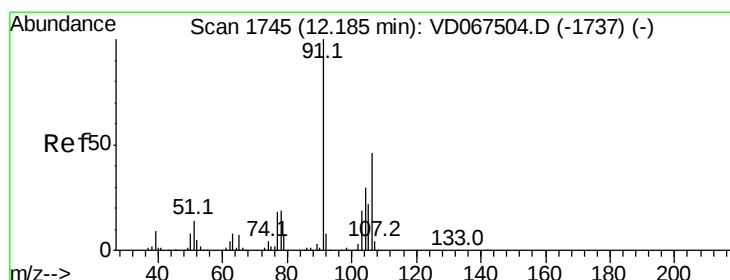
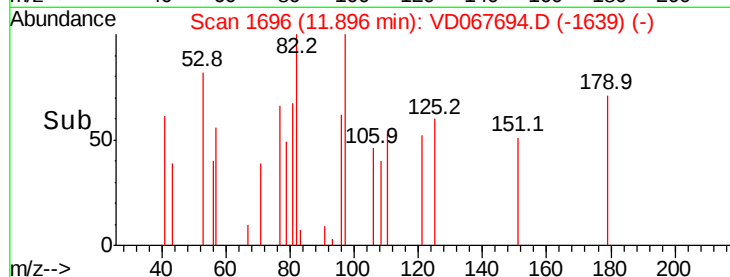
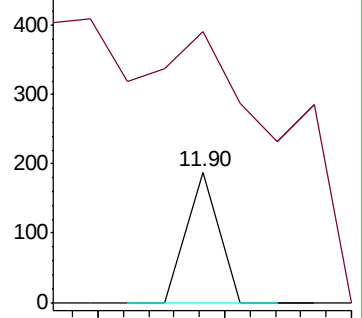
106 100

91 0.0 162.6 244.0#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 39.375 ug/l

RT: 12.16 min Scan# 1741

Delta R.T. -0.02 min

Lab File: VD067694.D

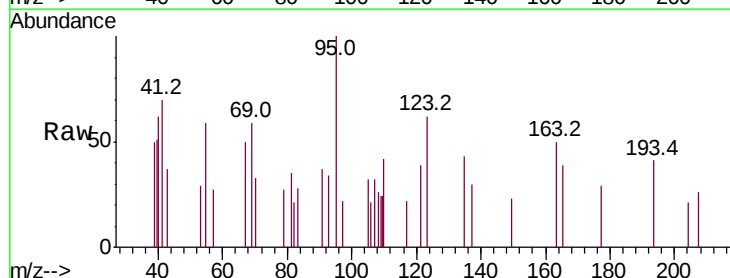
Acq: 18 Nov 2020 19:01

Tgt Ion:106 Resp: 55

Ion Ratio Lower Upper

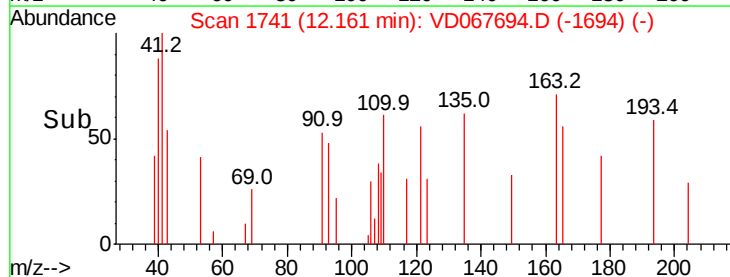
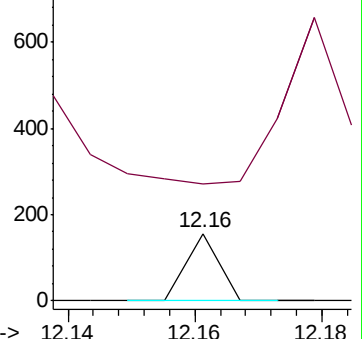
106 100

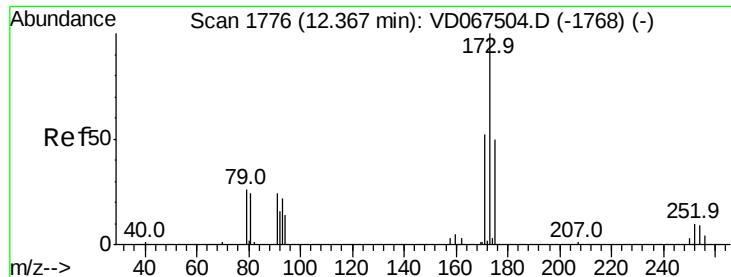
91 672.7 107.1 321.1#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC





#71

Bromoform

Concen: 116.430 ug/l

RT: 12.38 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223

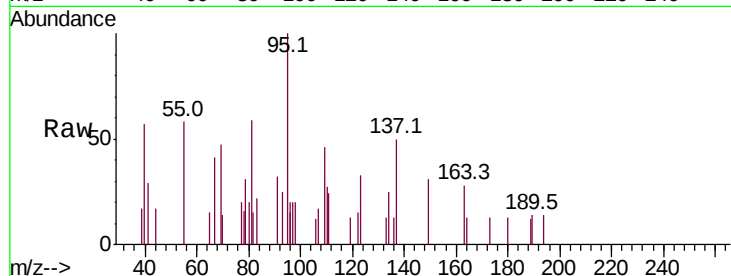
Tot Ion:173 Resp: 55

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

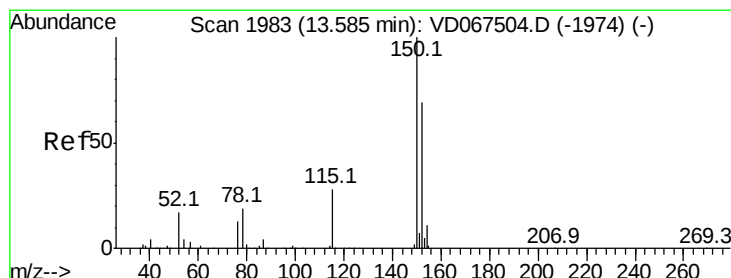
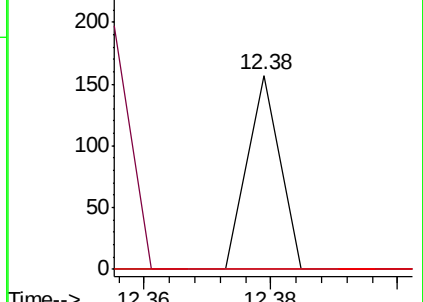
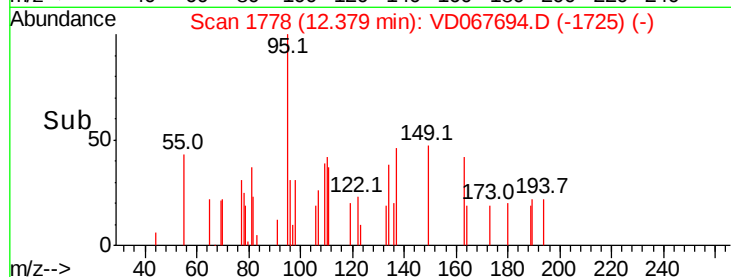
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.66 min Scan# 1996

Delta R.T. 0.08 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

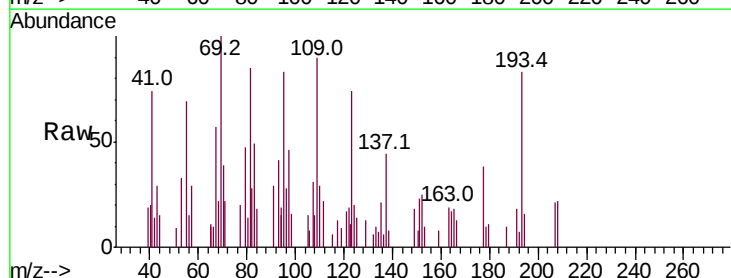
Tgt Ion:152 Resp: 667

Ion Ratio Lower Upper

152 100

115 55.6 29.3 88.0

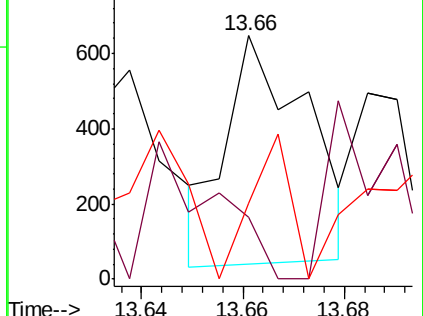
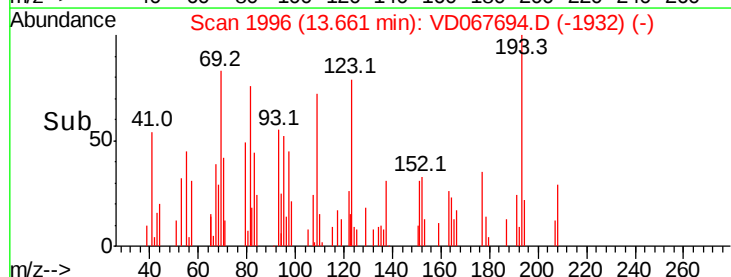
150 31.2 0.0 338.2

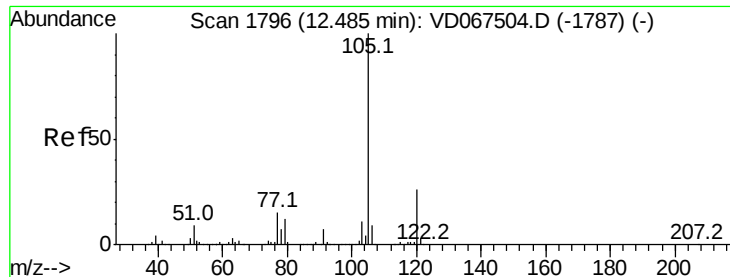


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.287 ug/l

RT: 12.46 min Scan# 1792

Delta R.T. -0.02 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

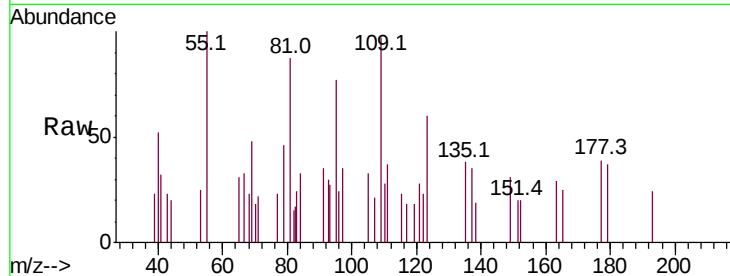
VNJ-223

Tot Ion:105 Resp: 271

Ion Ratio Lower Upper

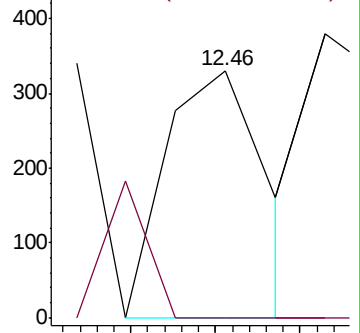
105 100

120 24.0 13.2 39.6

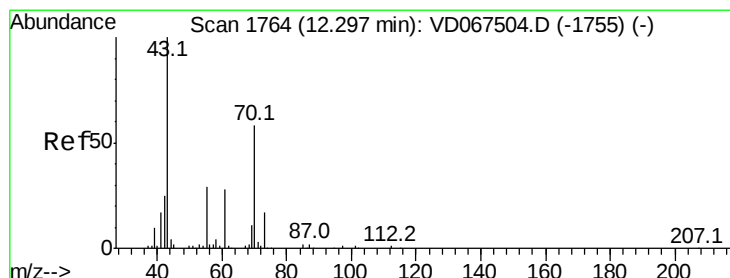
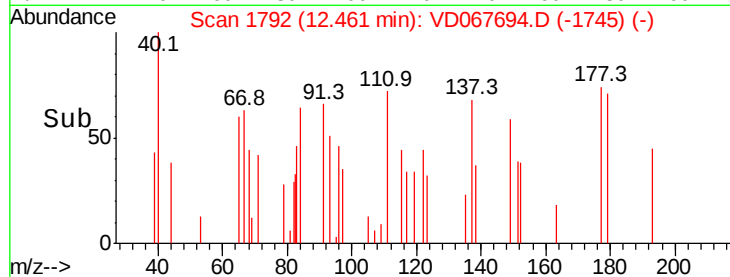


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 84.447 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Tgt Ion: 43 Resp: 479

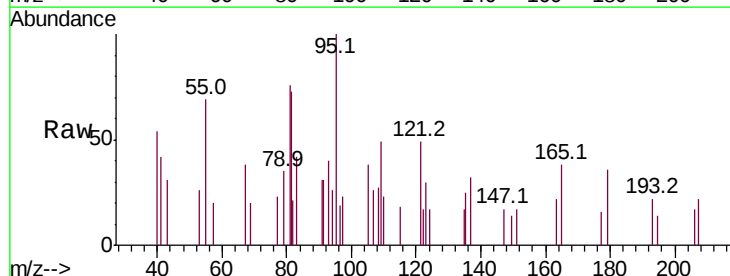
Ion Ratio Lower Upper

43 100

70 0.0 42.6 64.0#

55 51.6 23.7 35.5#

61 0.0 21.9 32.9#

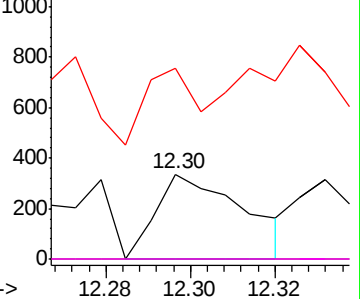


Abundance Ion 43.00 (42.70 to 43.70): VDC

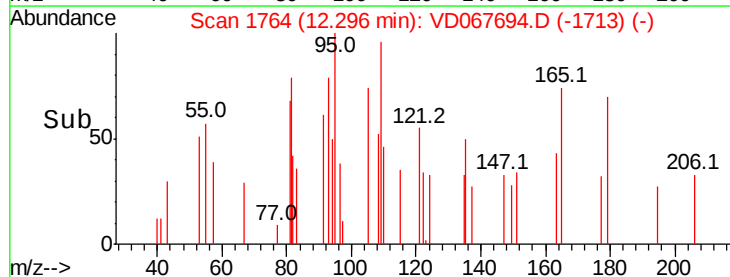
Ion 70.00 (69.70 to 70.70): VDC

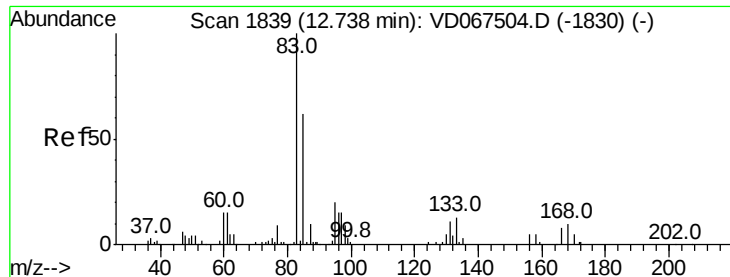
Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 180.159 ug/l

RT: 12.76 min Scan# 1842

Delta R.T. 0.02 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223

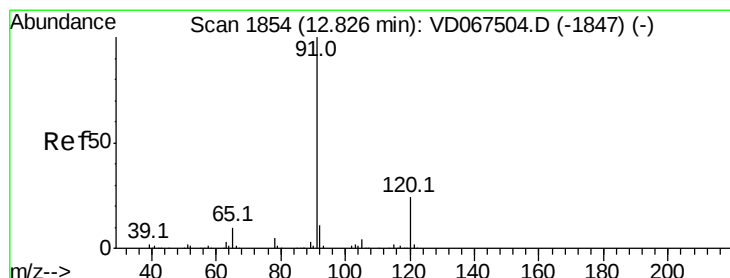
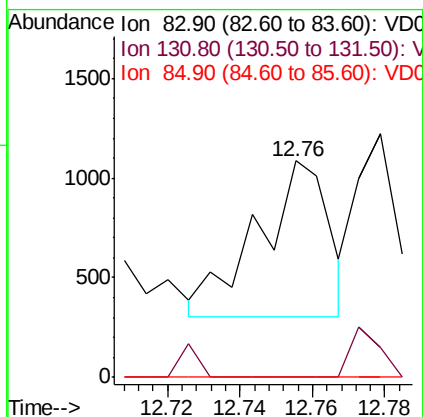
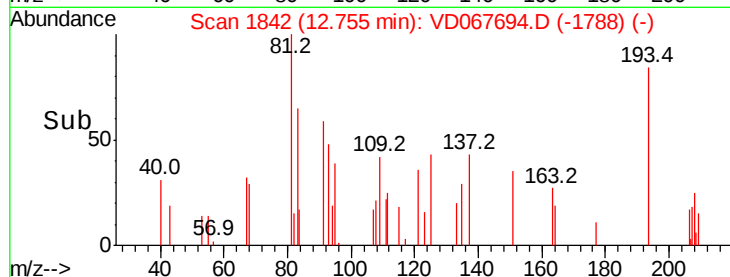
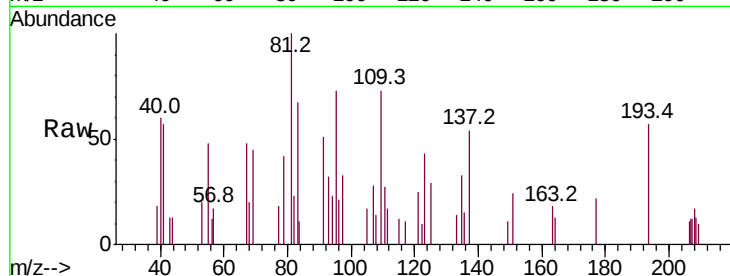
Tot Ion: 83 Resp: 1059

Ion Ratio Lower Upper

83 100

131 0.0 7.1 21.3#

85 0.0 32.9 98.7#



#78

n-propylbenzene

Concen: 7.321 ug/l

RT: 12.76 min Scan# 1842

Delta R.T. -0.07 min

Lab File: VD067694.D

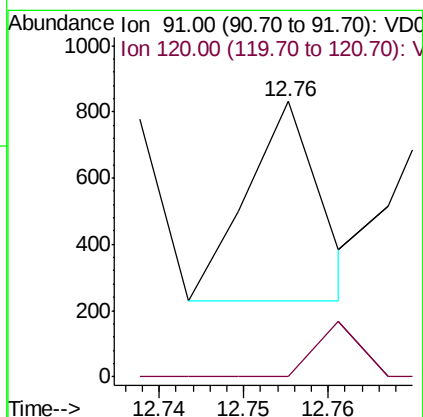
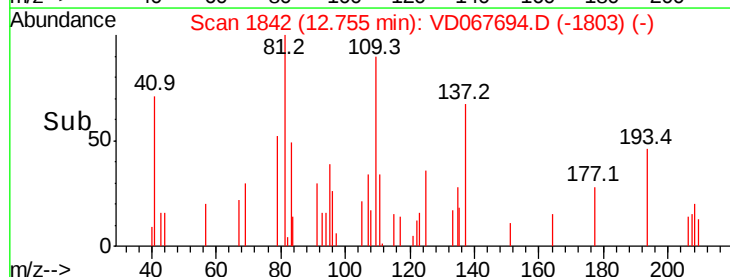
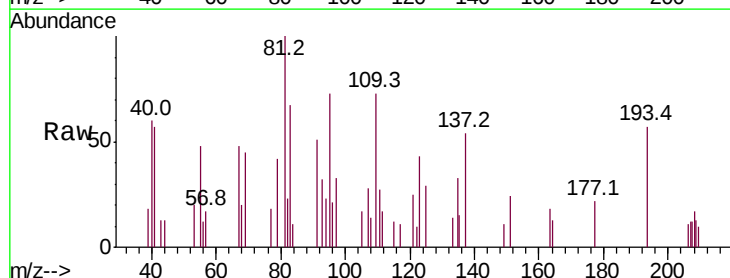
Acq: 18 Nov 2020 19:01

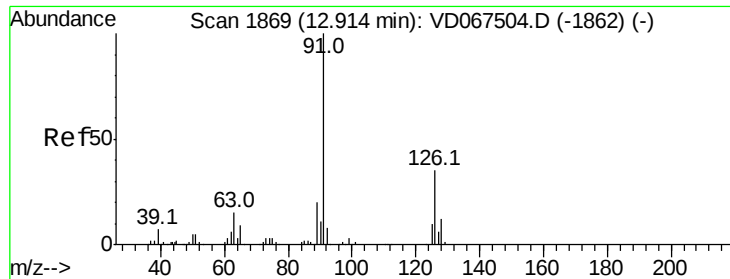
Tgt Ion: 91 Resp: 361

Ion Ratio Lower Upper

91 100

120 16.6 12.2 36.4

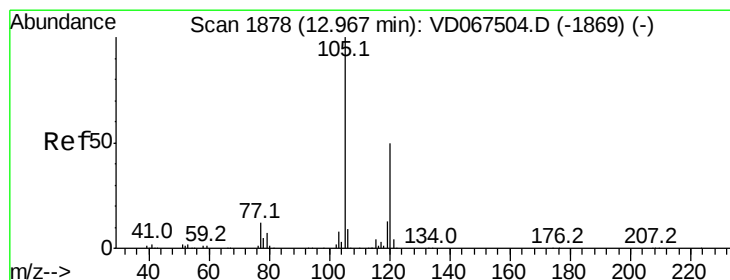
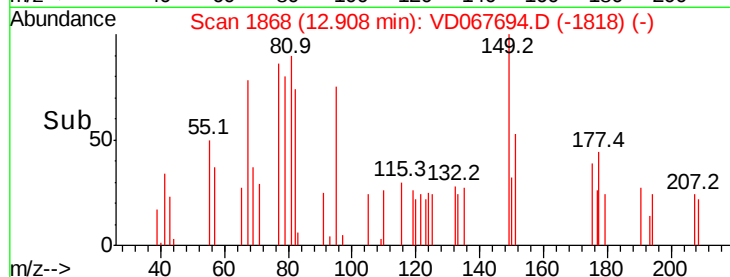
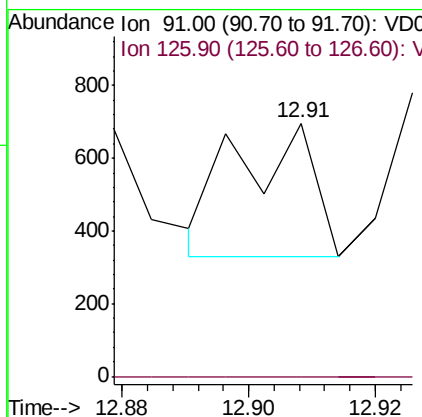
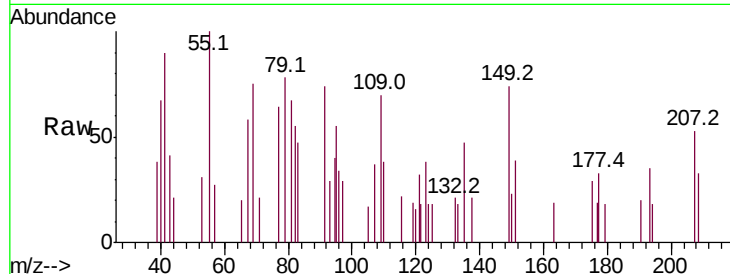




#79
2-Chlorotoluene
Concen: 11.139 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

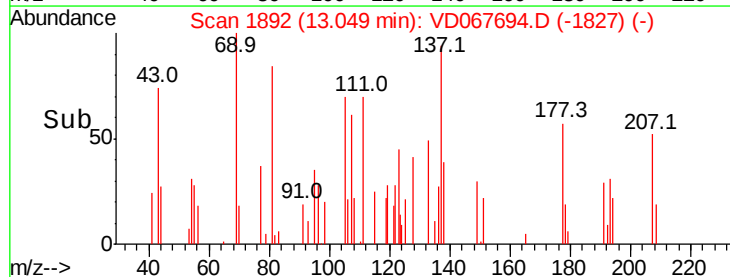
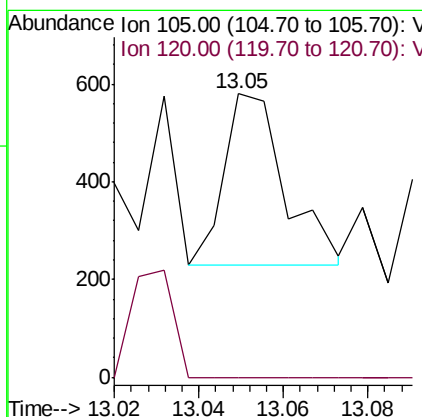
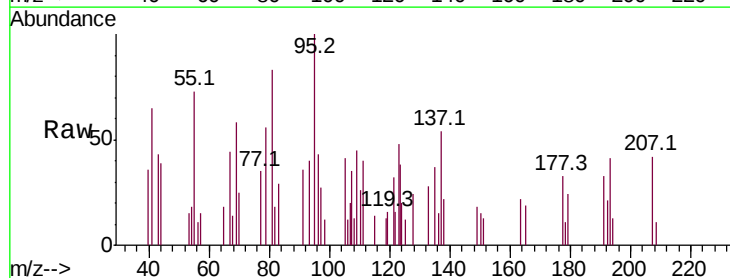
Instrument :
MSVOA_D
ClientSampleId :
VNJ-223

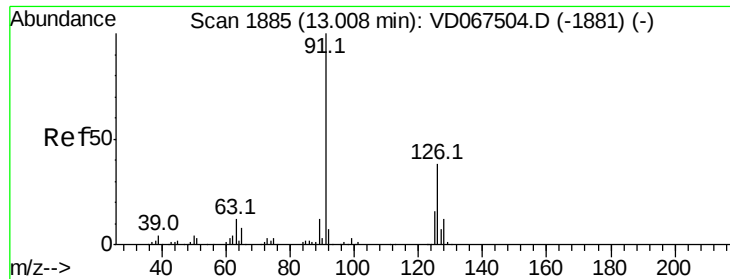
Tot Ion: 91 Resp: 312
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#



#80
1,3,5-Trimethylbenzene
Concen: 9.477 ug/l
RT: 13.05 min Scan# 1892
Delta R.T. 0.08 min
Lab File: VD067694.D
Acq: 18 Nov 2020 19:01

Tgt Ion: 105 Resp: 349
Ion Ratio Lower Upper
105 100
120 43.0 24.3 72.8





#82

4-Chlorotoluene

Concen: 6.125 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

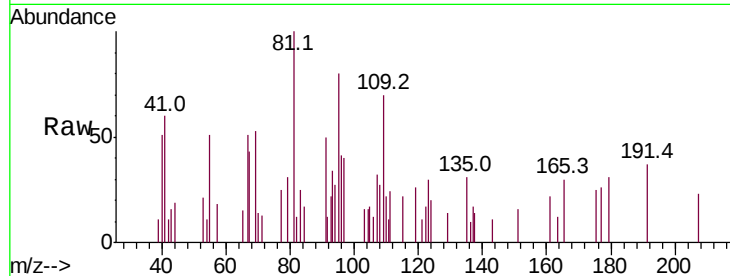
VNJ-223

Tot Ion: 91 Resp: 184

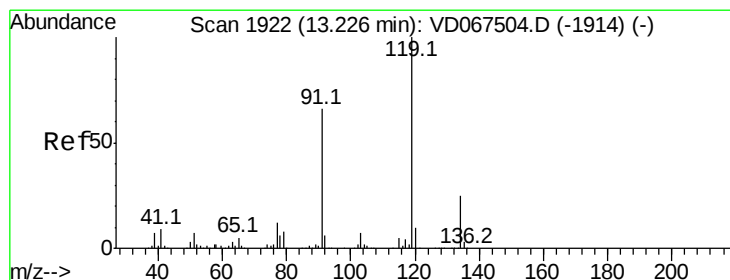
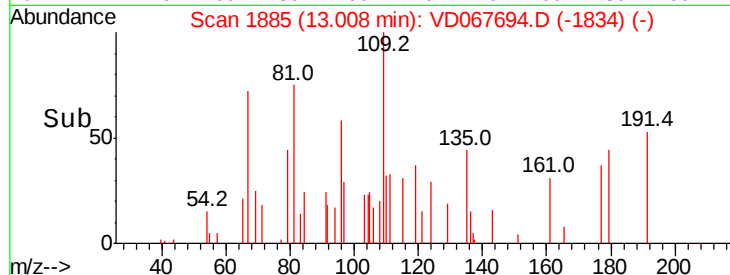
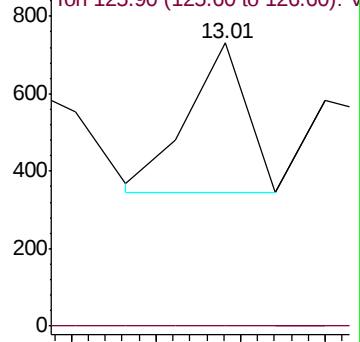
Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): V



#83

tert-Butylbenzene

Concen: 14.483 ug/l

RT: 13.22 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

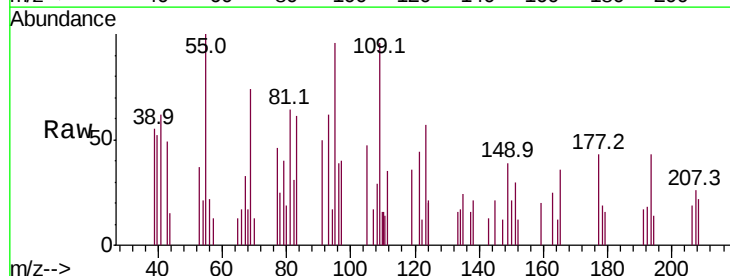
Tgt Ion: 119 Resp: 452

Ion Ratio Lower Upper

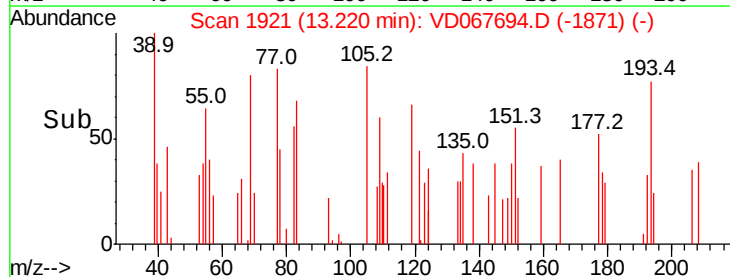
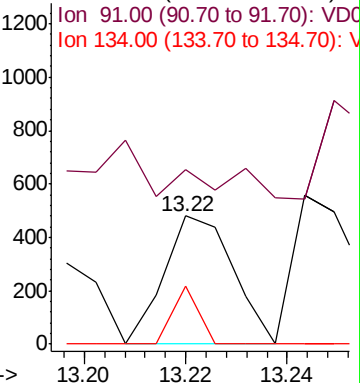
119 100

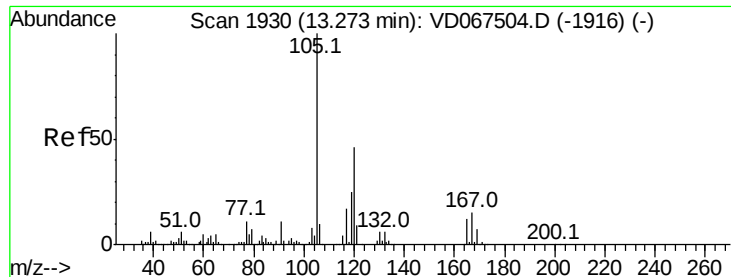
91 52.7 32.7 98.1

134 17.0 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V





#84

1,2,4-Trimethylbenzene

Concen: 15.305 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

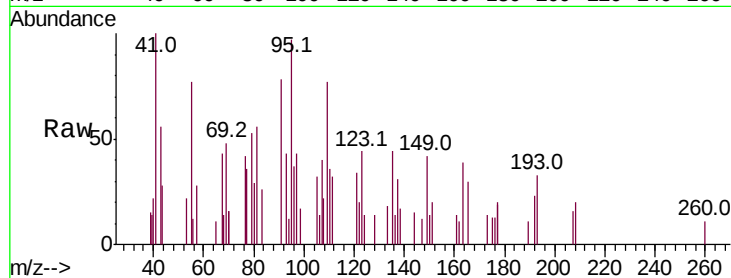
VNJ-223

Tot Ion:105 Resp: 561

Ion Ratio Lower Upper

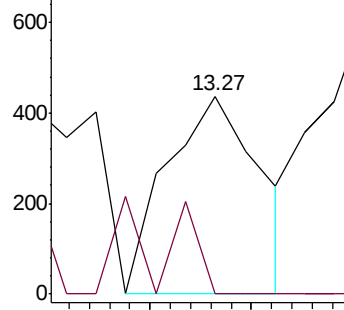
105 100

120 26.6 22.1 66.1

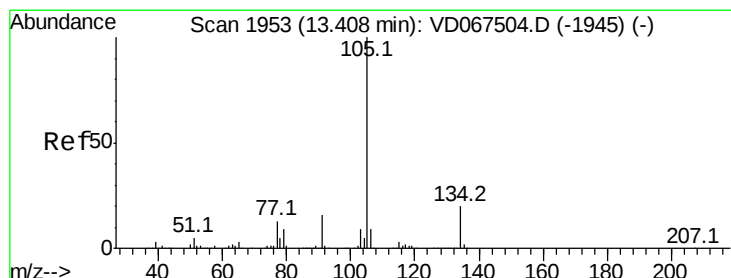
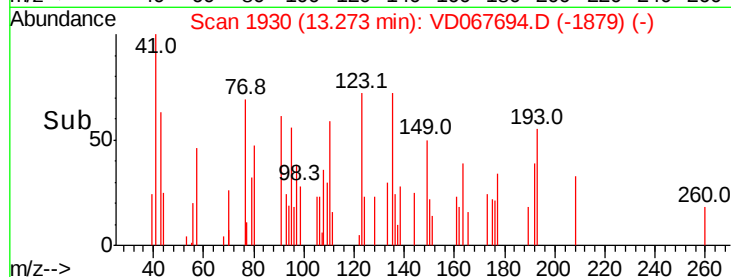


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#85

sec-Butylbenzene

Concen: 12.580 ug/l

RT: 13.43 min Scan# 1957

Delta R.T. 0.02 min

Lab File: VD067694.D

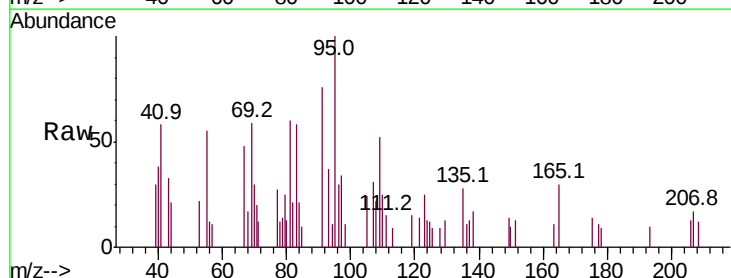
Acq: 18 Nov 2020 19:01

Tgt Ion:105 Resp: 530

Ion Ratio Lower Upper

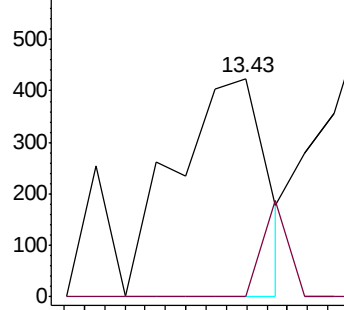
105 100

134 12.5 10.4 31.4

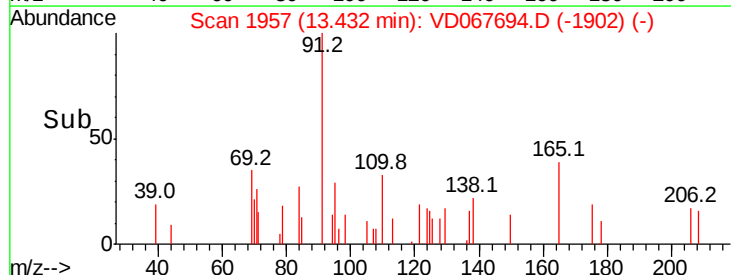


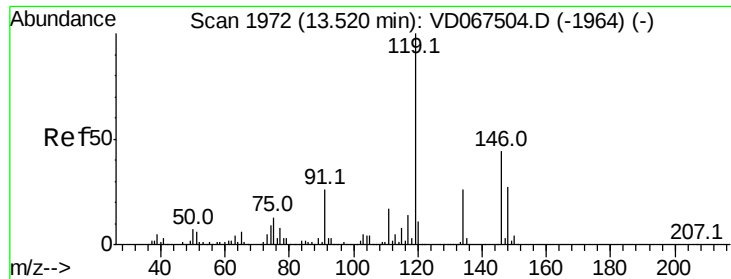
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->





#86

p-Isopropyltoluene

Concen: 10.348 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleID :

VNJ-223

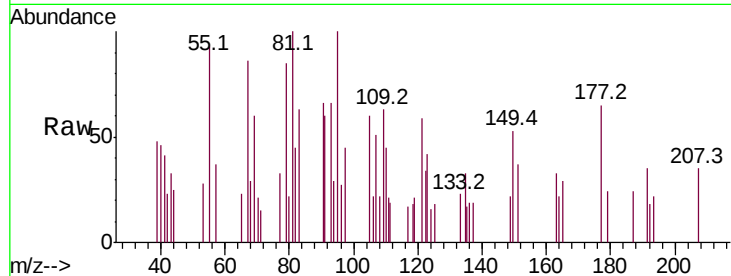
Tot Ion:119 Resp: 421

Ion Ratio Lower Upper

119 100

134 0.0 13.1 39.3#

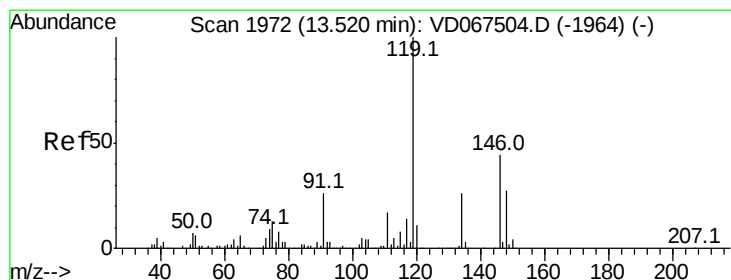
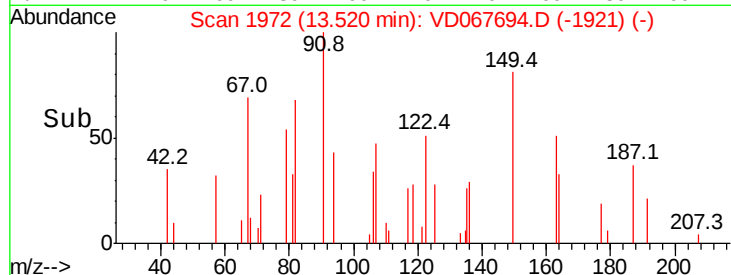
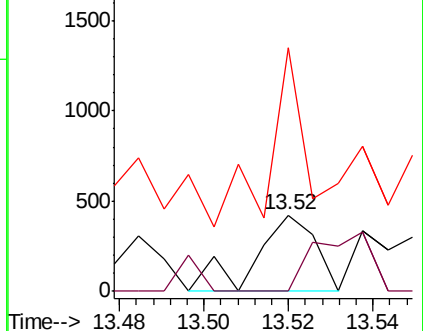
91 148.7 12.2 36.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 2.822 ug/l

RT: 13.49 min Scan# 1967

Delta R.T. -0.03 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

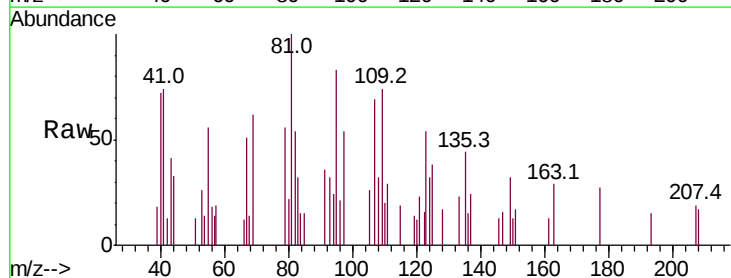
Tgt Ion:146 Resp: 57

Ion Ratio Lower Upper

146 100

111 1364.9 20.3 60.8#

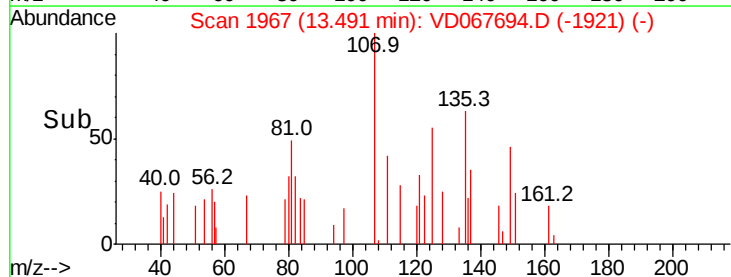
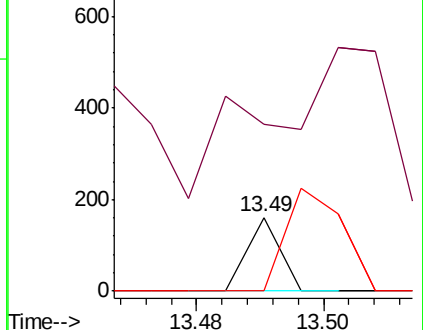
148 243.9 31.9 95.9#

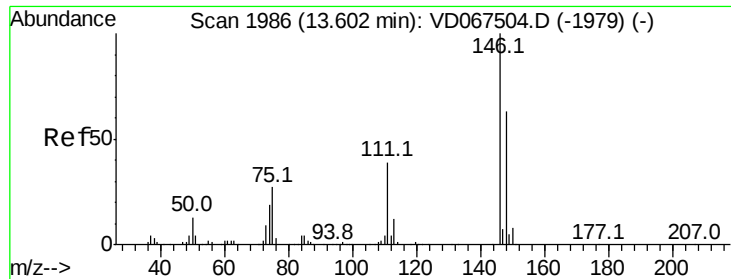


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.787 ug/l

RT: 13.49 min Scan# 1967

Delta R.T. -0.11 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223

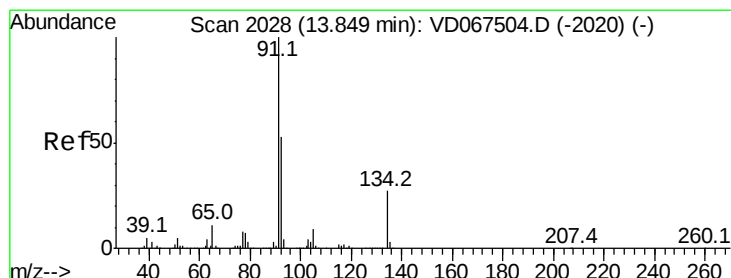
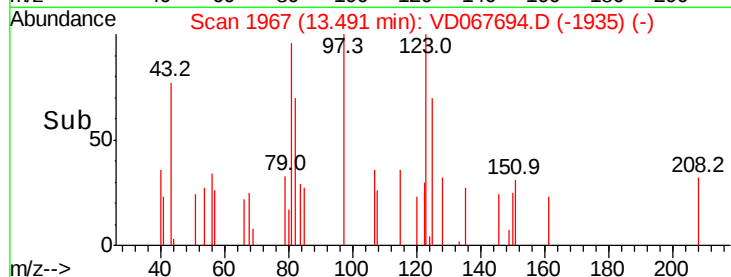
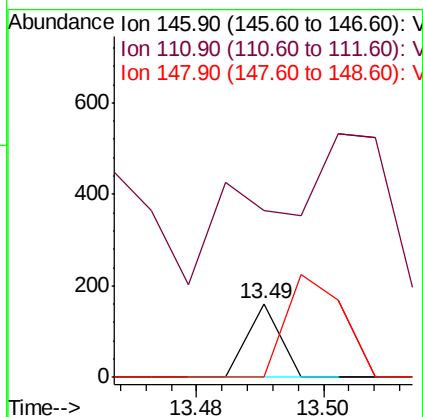
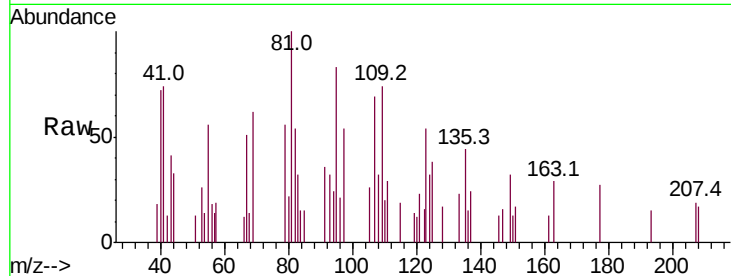
Tot Ion:146 Resp: 57

Ion Ratio Lower Upper

146 100

111 1296.5 19.6 58.7#

148 243.9 31.8 95.4#



#89

n-Butylbenzene

Concen: 52.645 ug/l

RT: 13.83 min Scan# 2025

Delta R.T. -0.02 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

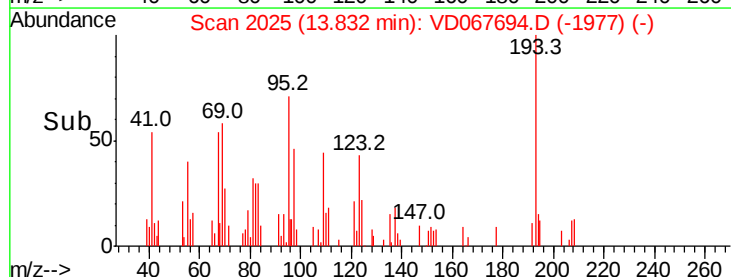
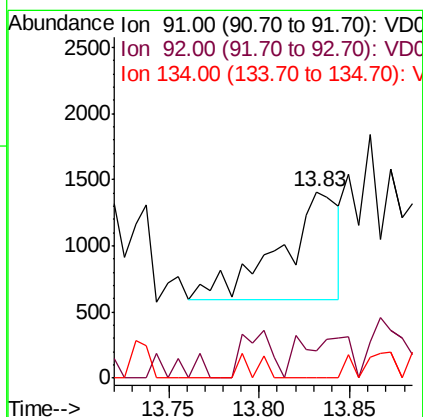
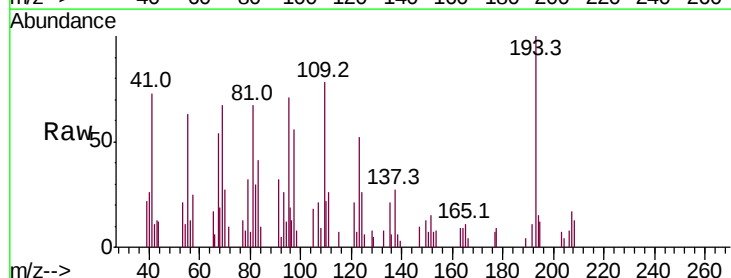
Tgt Ion: 91 Resp: 1850

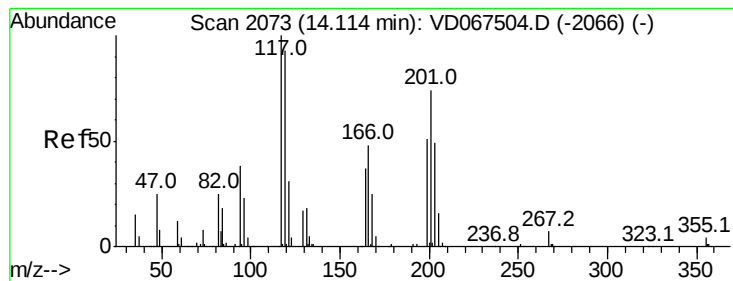
Ion Ratio Lower Upper

91 100

92 31.4 26.6 79.8

134 0.0 14.1 42.2#





#90

Hexachloroethane

Concen: 47.119 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.01 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

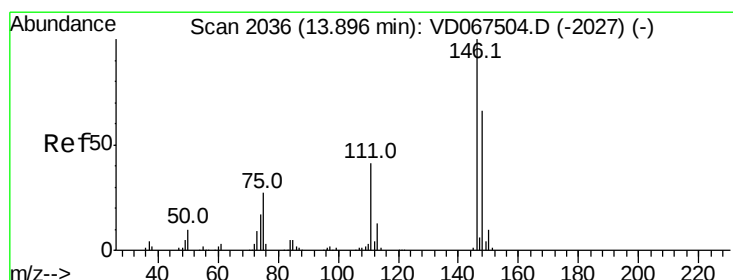
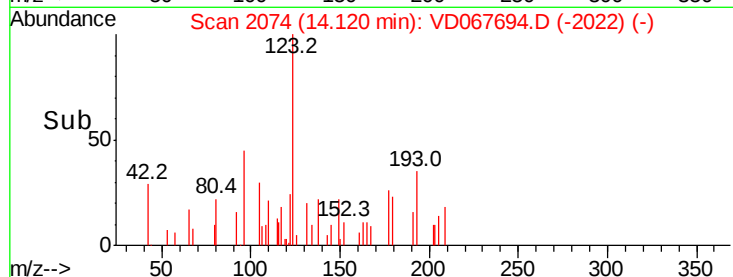
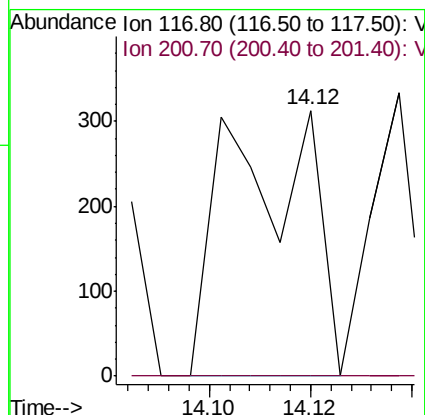
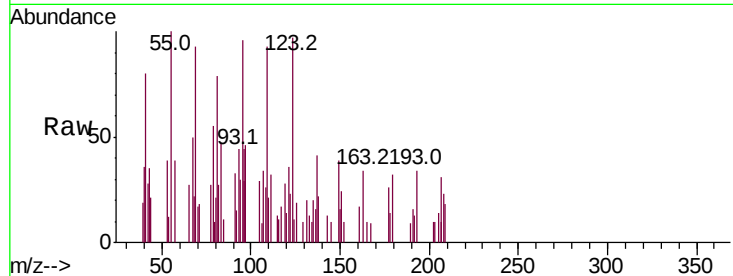
VNJ-223

Tot Ion:117 Resp: 361

Ion Ratio Lower Upper

117 100

201 0.0 40.7 122.1#



#91

1,2-Dichlorobenzene

Concen: 3.089 ug/l

RT: 13.92 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

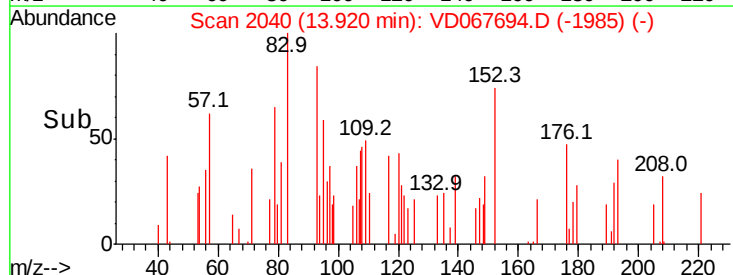
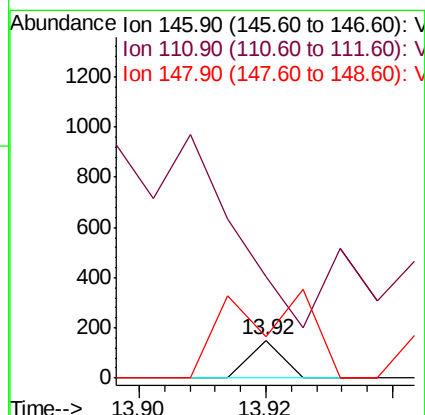
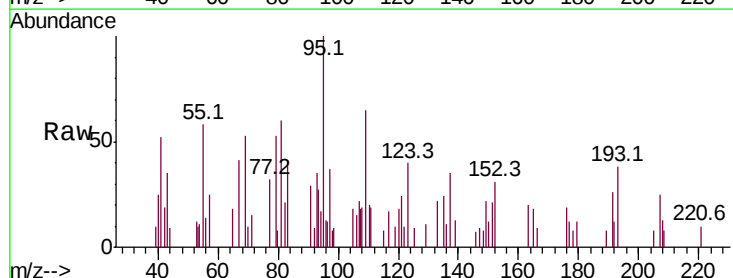
Tgt Ion:146 Resp: 54

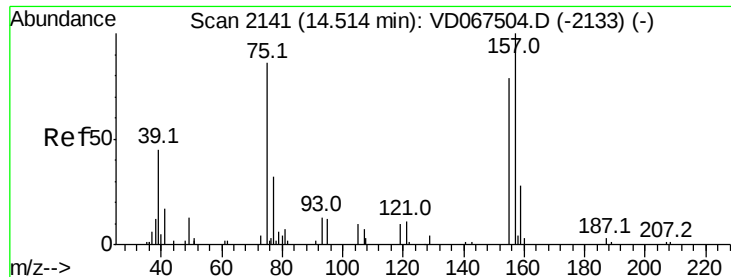
Ion Ratio Lower Upper

146 100

111 274.1 20.7 62.1#

148 555.6 31.5 94.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.886 ug/l

RT: 14.38 min Scan# 2119

Delta R.T. -0.13 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223

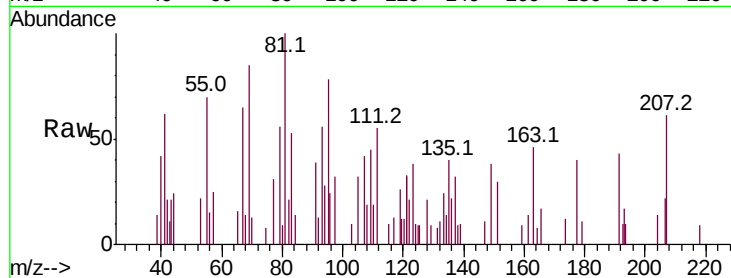
Tot Ion: 75 Resp: 54

Ion Ratio Lower Upper

75 100

155 0.0 46.6 139.8#

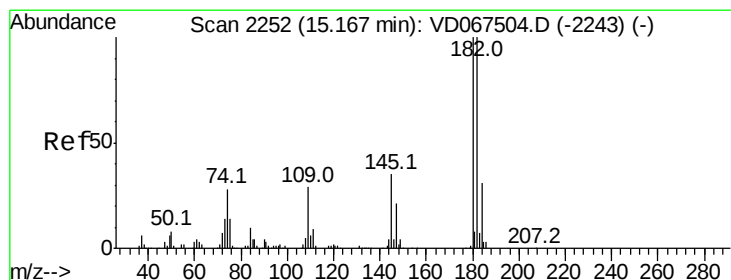
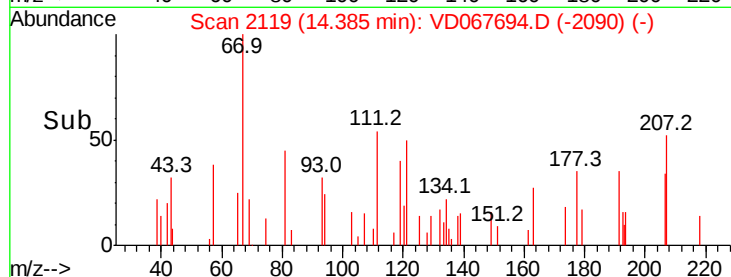
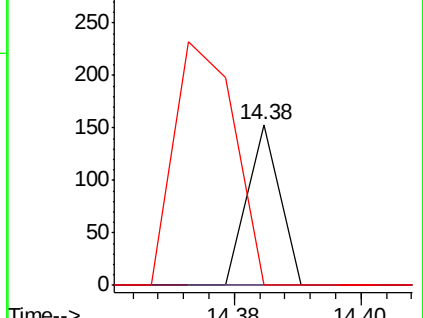
157 281.5 58.1 174.2#



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



#93

1,2,4-Trichlorobenzene

Concen: 4.635 ug/l

RT: 15.30 min Scan# 2275

Delta R.T. 0.14 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

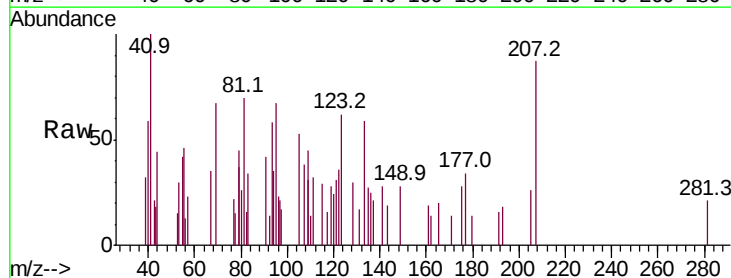
Tgt Ion:180 Resp: 55

Ion Ratio Lower Upper

180 100

182 0.0 47.4 142.3#

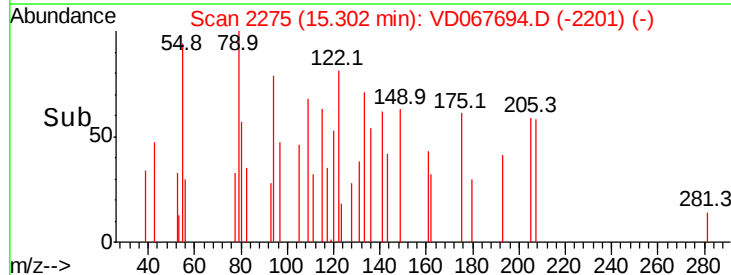
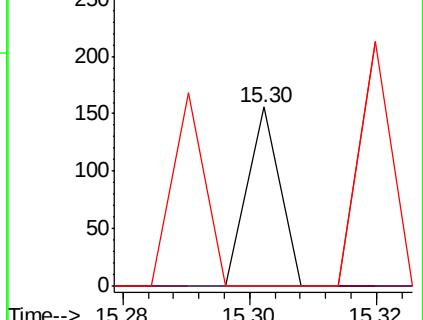
145 107.3 16.2 48.6#

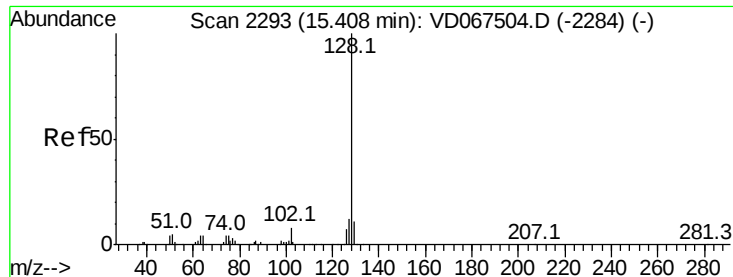


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 16.383 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Instrument :

MSVOA_D

ClientSampleId :

VNJ-223

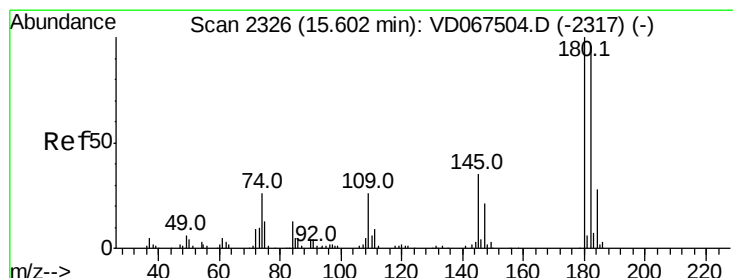
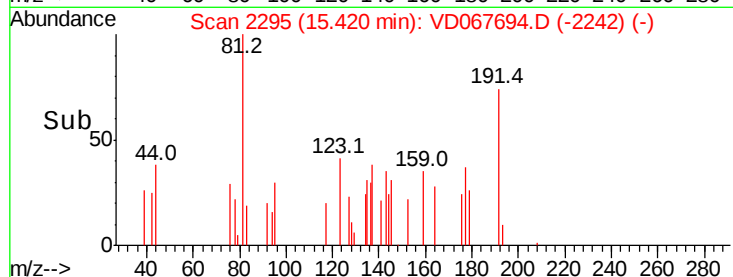
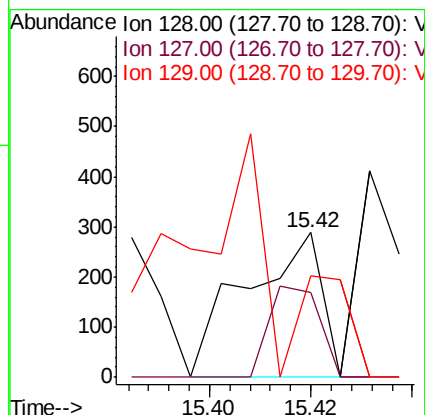
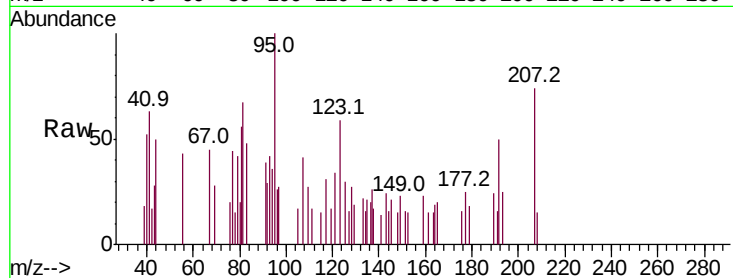
Tot Ion:128 Resp: 300

Ion Ratio Lower Upper

128 100

127 41.3 10.2 15.4#

129 196.7 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 5.806 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.01 min

Lab File: VD067694.D

Acq: 18 Nov 2020 19:01

Tgt Ion:180 Resp: 59

Ion Ratio Lower Upper

180 100

182 0.0 46.9 140.8#

145 474.6 17.1 51.2#

