

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050433.D
 Acq On : 7 Aug 2018 15:51
 Operator : MD\SY
 Sample : J4297-05
 Misc : 6.19g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5ME

Quant Time: Aug 08 05:24:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	810819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1218945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1088935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	652452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	483301	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
35) Dibromofluoromethane	7.59	113	438833	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
50) Toluene-d8	10.09	98	1757296	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.40	95	607500	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
3) Chloromethane	2.05	50	11068	Below Cal		93
5) Bromomethane	2.59	94	474	0.25 ug/l	#	59
10) Methyl Iodide	3.93	142	9840	2.40 ug/l		89
11) Tert butyl alcohol	4.73	59	6261	7.19 ug/l	#	72
13) Acrolein	3.60	56	109	15.12 ug/l	#	1
16) Acetone	3.82	43	844	Below Cal		90
18) Methyl Acetate	4.33	43	13844	1.46 ug/l		98
20) Methylene Chloride	4.54	84	3837	Below Cal	#	83
31) Cyclohexane	7.65	56	54107	2.89 ug/l	#	74
36) 1,1-Dichloropropene	7.66	75	54393	4.06 ug/l	#	48
38) Carbon Tetrachloride	7.66	117	71591	5.12 ug/l	#	16
39) Methylcyclohexane	9.08	83	300813	20.58 ug/l		99
40) Benzene	8.04	78	9847	0.24 ug/l		97
43) Isopropyl Acetate	8.14	43	8725	0.52 ug/l	#	61
47) Bromodichloromethane	9.36	83	3998	0.29 ug/l	#	38
48) Methyl methacrylate	9.14	41	11797	1.41 ug/l	#	29
51) 4-Methyl-2-Pentanone	10.09	43	23423	1.95 ug/l	#	68
52) Toluene	10.16	92	212554	8.59 ug/l		98
55) 1,1,2-Trichloroethane	10.53	97	66266	6.86 ug/l	#	20
56) Ethyl methacrylate	10.43	69	32763	4.03 ug/l	#	1
58) 2-Chloroethyl Vinyl ether	9.51	63	745	7.51 ug/l		95
59) 2-Hexanone	10.72	43	188036	22.47 ug/l	#	29
67) Ethyl Benzene	11.51	91	472506	10.71 ug/l		100
68) m/p-Xylenes	11.62	106	918859	54.70 ug/l		100
69) o-Xylene	11.95	106	448982	27.74 ug/l		99
70) Styrene	11.95	104	28131	1.07 ug/l	#	1
71) Bromoform	12.15	173	4355	0.60 ug/l	#	29
73) Isopropylbenzene	12.25	105	318651	6.51 ug/l		98
74) N-amyl acetate	12.05	43	259690	16.36 ug/l	#	54
75) 1,1,2,2-Tetrachloroethane	12.45	83	28416	2.01 ug/l	#	65
76) 1,2,3-Trichloropropane	12.54	75	25506	2.16 ug/l	#	100
77) Bromobenzene	12.57	156	2160599	164.67 ug/l	#	1
78) n-propylbenzene	12.59	91	785616	14.17 ug/l		99
79) 2-Chlorotoluene	12.66	91	239434	6.99 ug/l	#	40

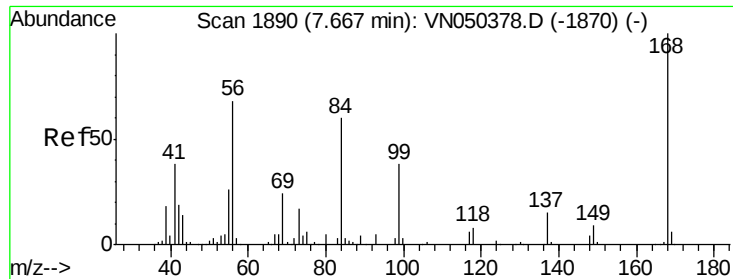
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	1538258	38.69	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	277598	82.59	ug/l #	13
82) 4-Chlorotoluene	12.73	91	150954	4.42	ug/l #	59
83) tert-Butylbenzene	13.04	119	600931	17.33	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	4869054	120.90	ug/l	100
85) sec-Butylbenzene	13.17	105	425559	9.21	ug/l #	73
86) p-Isopropyltoluene	13.29	119	467216	11.79	ug/l	99
89) n-Butylbenzene	13.62	91	739605	21.93	ug/l #	73
90) Hexachloroethane	13.89	117	269971	38.32	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.30	75	15798	6.58	ug/l #	45
93) 1,2,4-Trichlorobenzene	14.92	180	4849	0.41	ug/l #	1
94) Hexachlorobutadiene	15.03	225	29	Below Cal	#	1
95) Naphthalene	15.14	128	2754318	84.49	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.29	180	32488	2.69	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

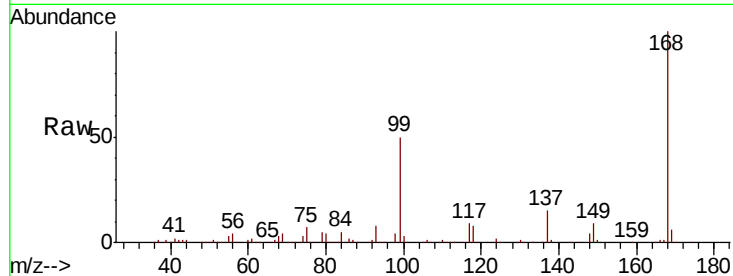
TP-5ME

Tot Ion:168 Resp: 810819

Ion Ratio Lower Upper

168 100

99 50.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.66

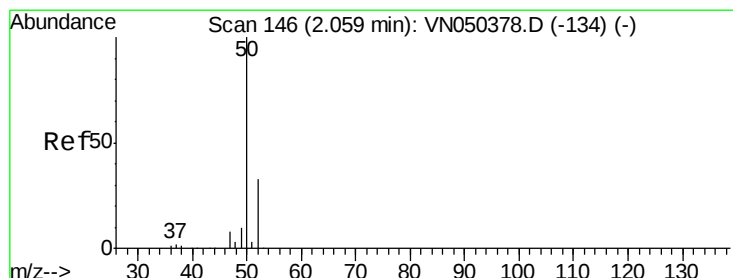
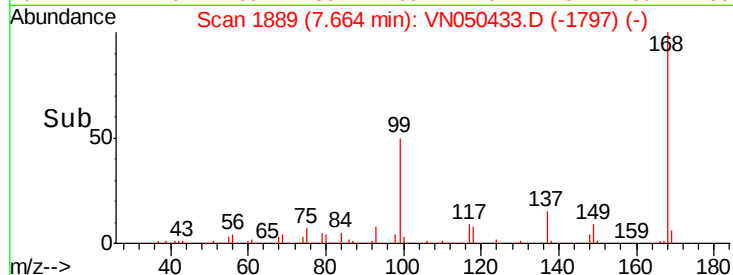
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.05 min Scan# 144

Delta R.T. -0.01 min

Lab File: VN050433.D

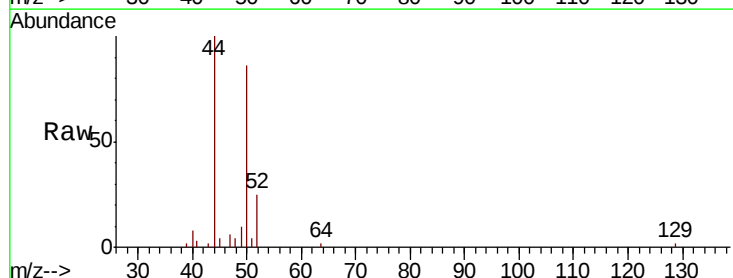
Acq: 7 Aug 2018 15:51

Tgt Ion: 50 Resp: 11068

Ion Ratio Lower Upper

50 100

52 28.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN050378.D (-134) (-)

Ion 51.90 (51.60 to 52.60): VN050378.D (-134) (-)

2.05

8000

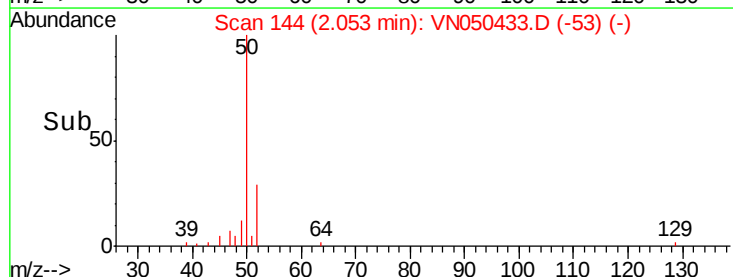
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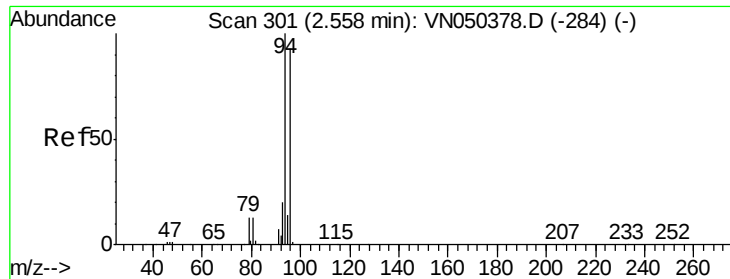
4000

2000

0

Time-->





#5

Bromomethane

Concen: 0.25 ug/l

RT: 2.59 min Scan# 310

Delta R.T. 0.03 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

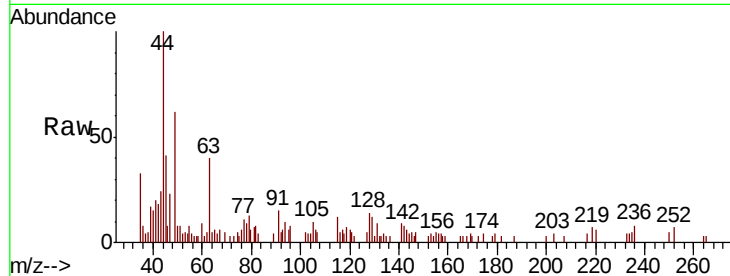
TP-5ME

Tot Ion: 94 Resp: 474

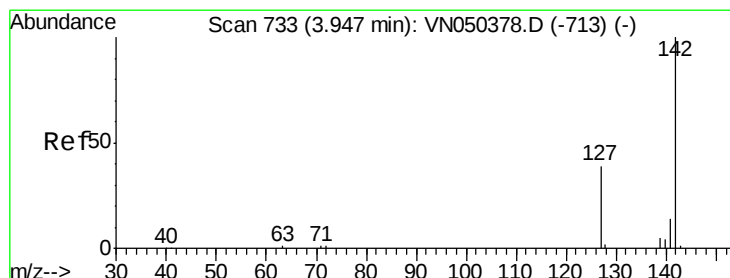
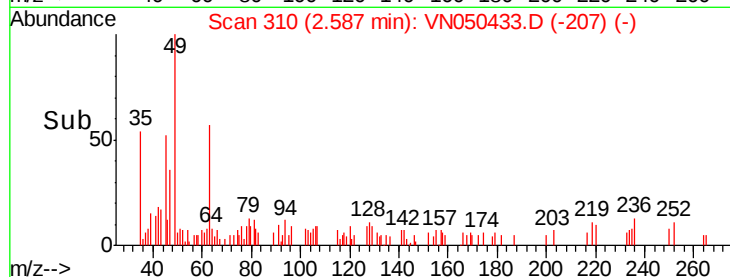
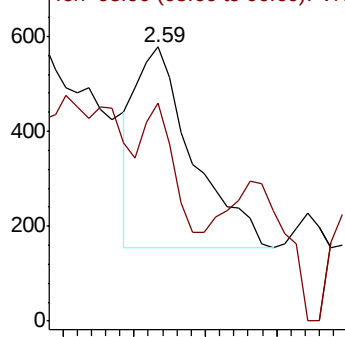
Ion Ratio Lower Upper

94 100

96 53.8 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN050433.D (-284) (-)



#10

Methyl Iodide

Concen: 2.40 ug/l

RT: 3.93 min Scan# 729

Delta R.T. -0.01 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

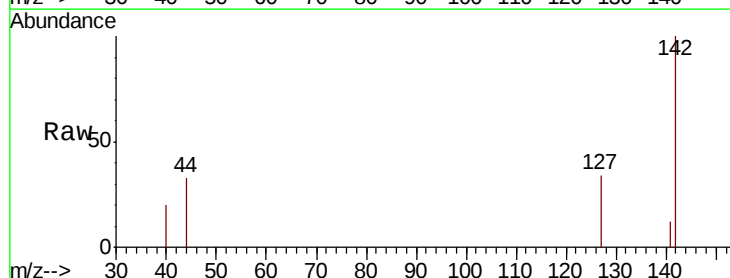
Tgt Ion: 142 Resp: 9840

Ion Ratio Lower Upper

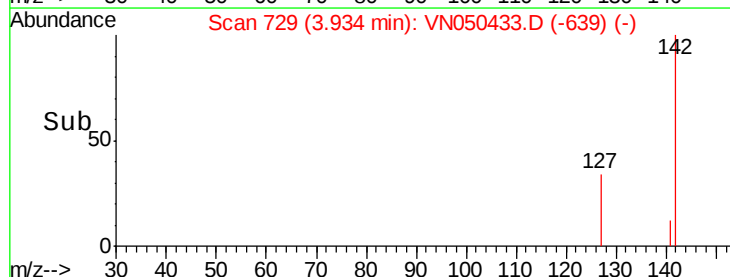
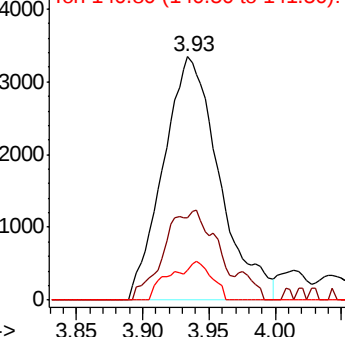
142 100

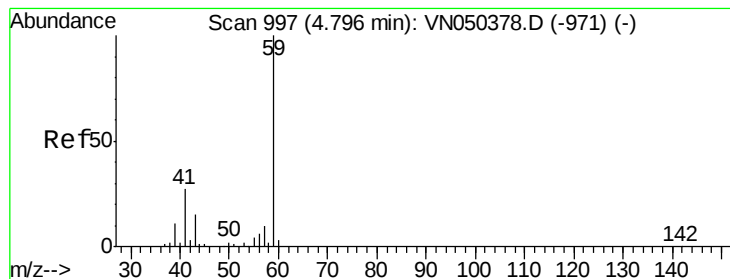
127 34.3 33.4 50.2

141 11.7 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): VN050433.D (-713) (-)



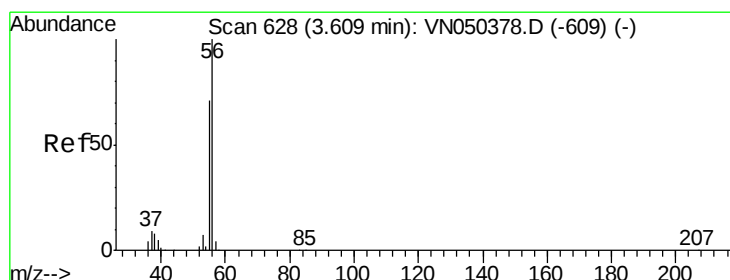
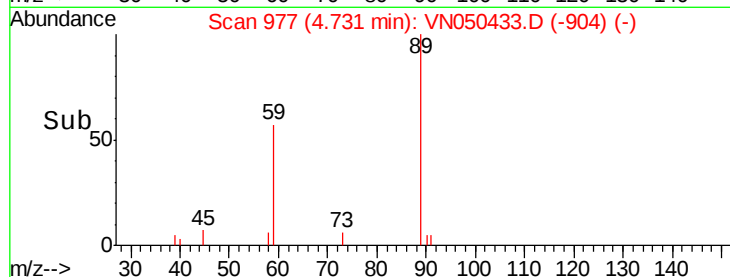
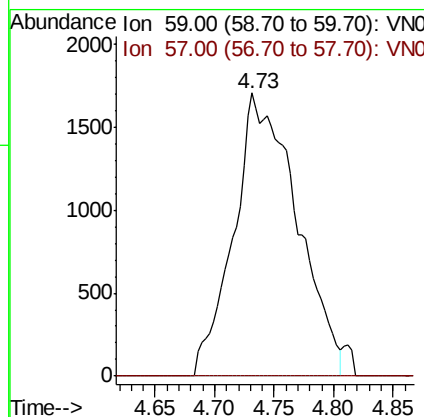
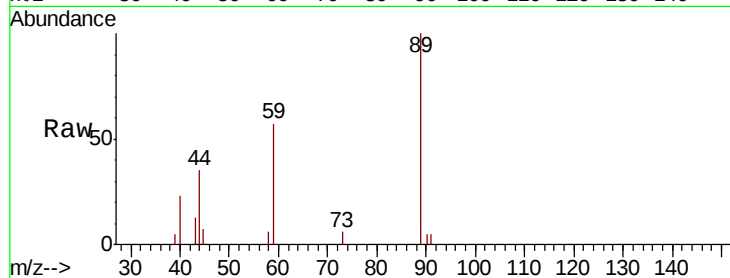


#11

Tert butyl alcohol
 Concen: 7.19 ug/l
 RT: 4.73 min Scan# 977
 Delta R.T. -0.06 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5ME

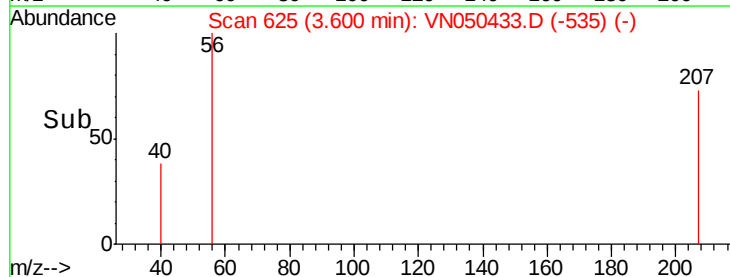
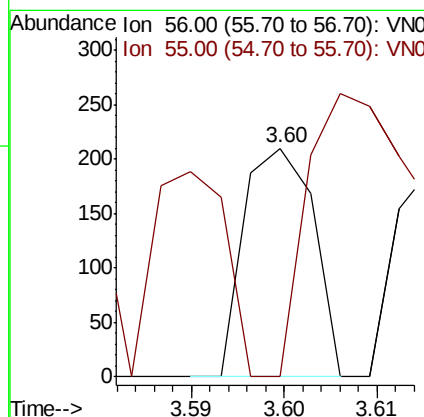
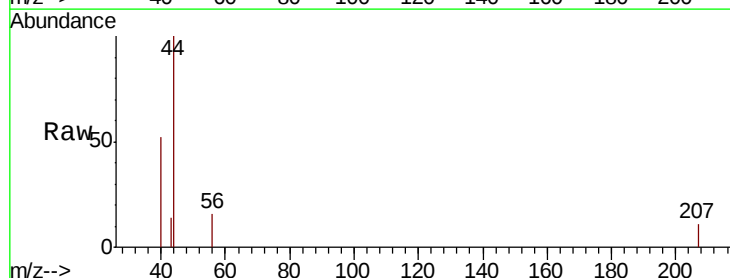
Tot Ion: 59 Resp: 6261
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

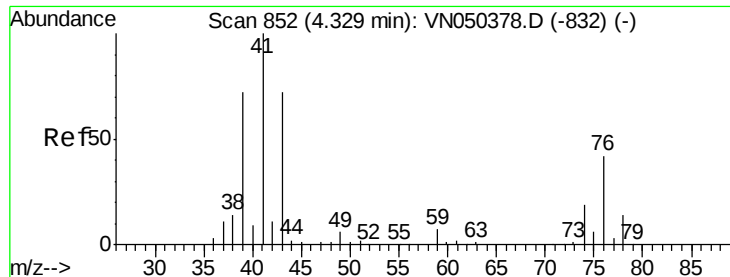


#13

Acrolein
 Concen: 15.12 ug/l
 RT: 3.60 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

Tgt Ion: 56 Resp: 109
 Ion Ratio Lower Upper
 56 100
 55 248.6 55.8 83.6#

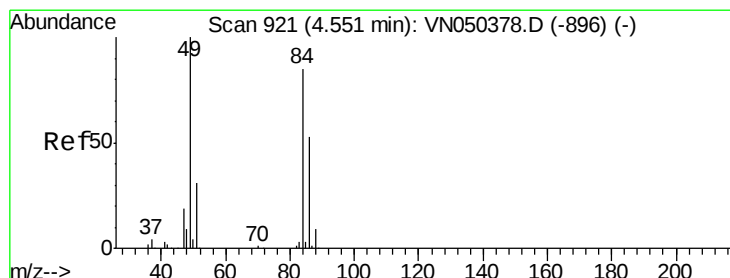
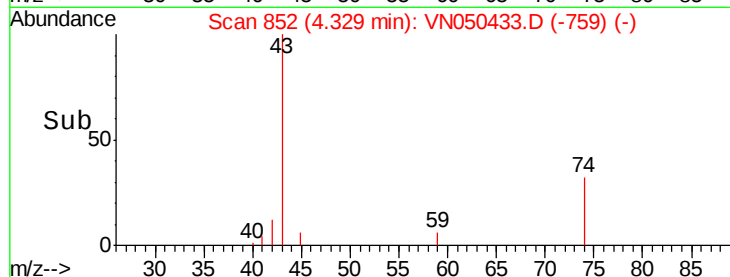
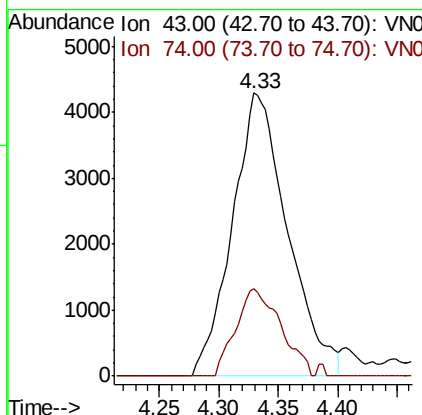
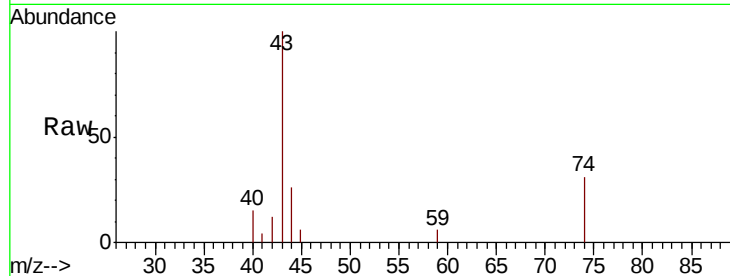




#18
Methyl Acetate
Concen: 1.46 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

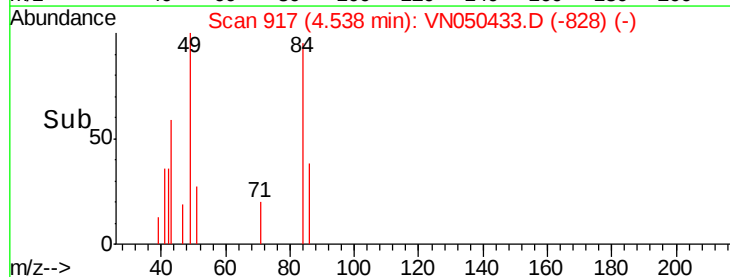
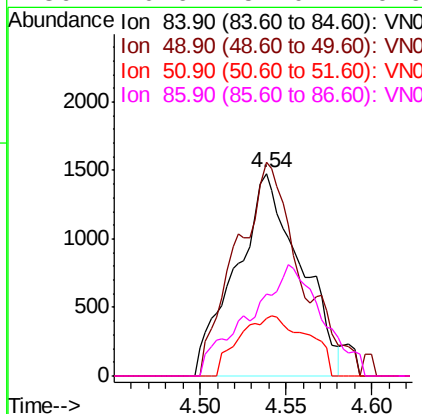
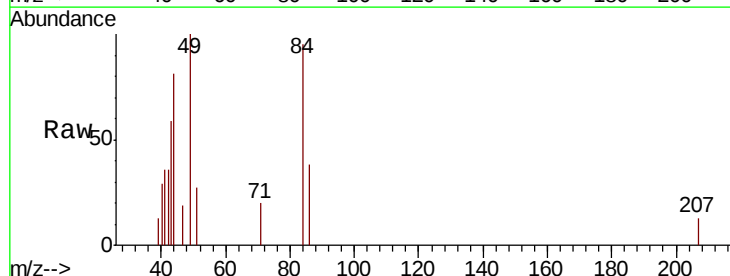
Instrument :
MSVOA_N
ClientSampled :
TP-5ME

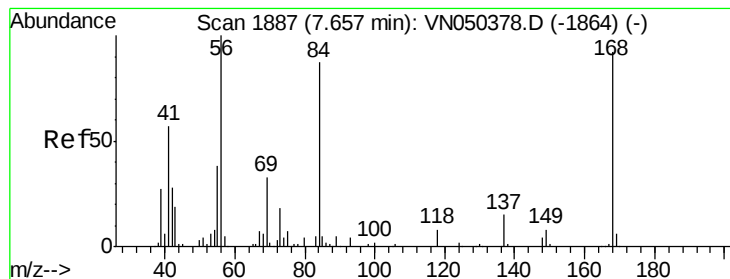
Tot Ion: 43 Resp: 13844
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

Tgt Ion: 84 Resp: 3837
Ion Ratio Lower Upper
84 100
49 105.5 94.8 142.2
51 28.3 28.3 42.5
86 40.6 51.0 76.6#





#31

Cyclohexane

Concen: 2.89 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

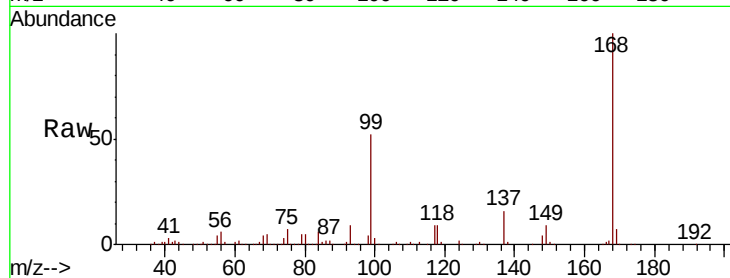
Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

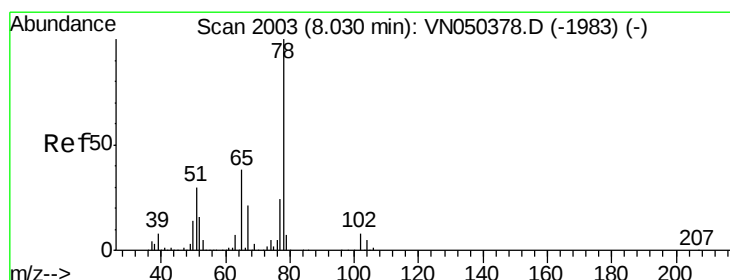
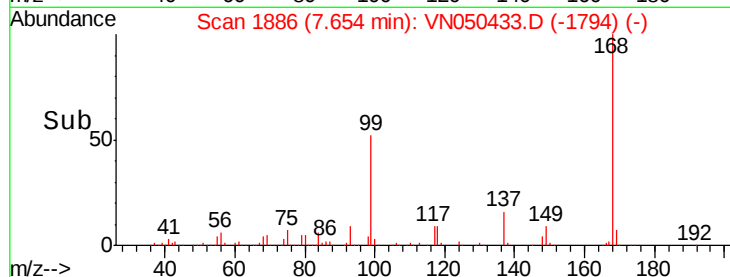
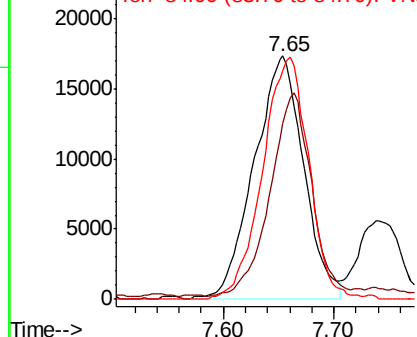
Instrument :
MSVOA_N
ClientSampled :
TP-5ME

Tot Ion: 56 Resp: 54107

Ion	Ratio	Lower	Upper
56	100		
69	70.3	26.2	39.4#
84	93.8	67.4	101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 44.61 ug/l

RT: 8.03 min Scan# 2002

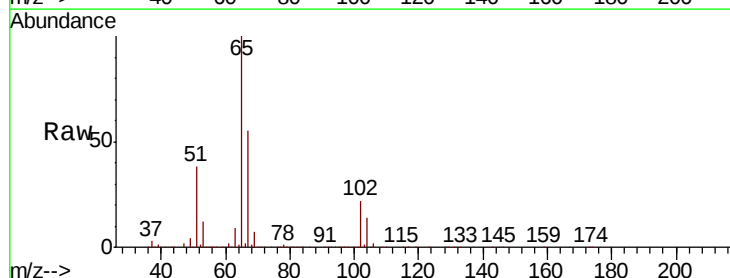
Delta R.T. -0.00 min

Lab File: VN050433.D

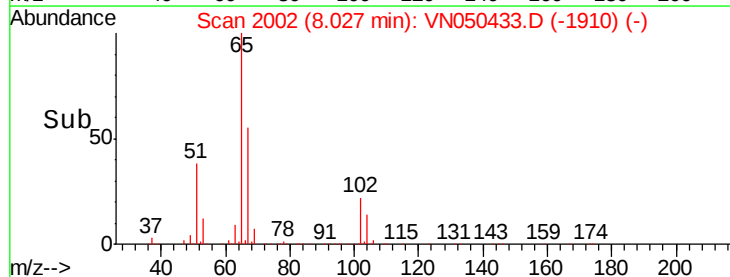
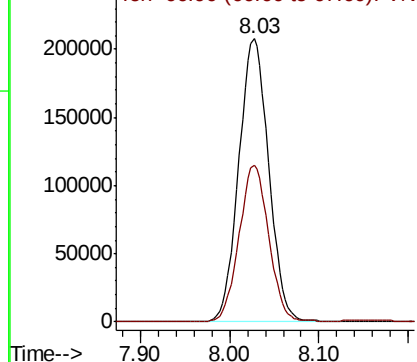
Acq: 7 Aug 2018 15:51

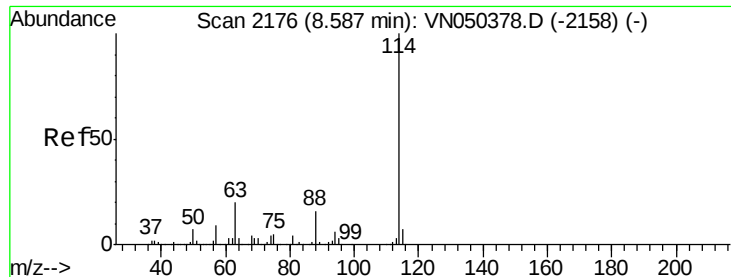
Tgt Ion: 65 Resp: 483301

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



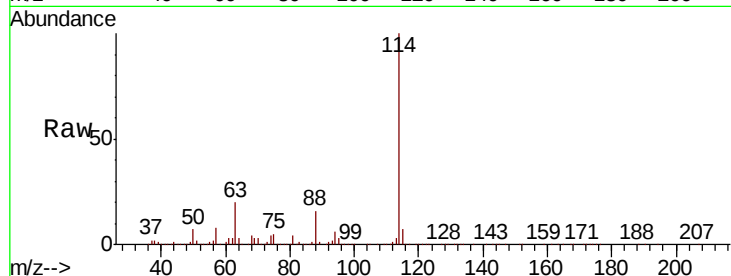


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

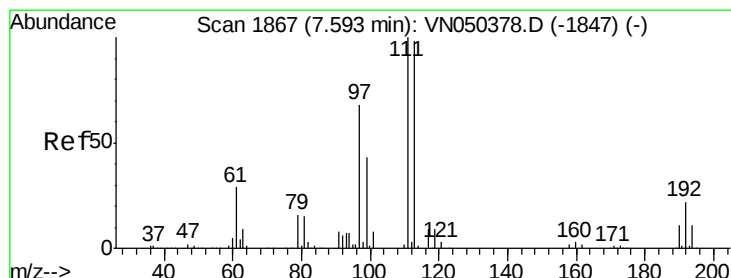
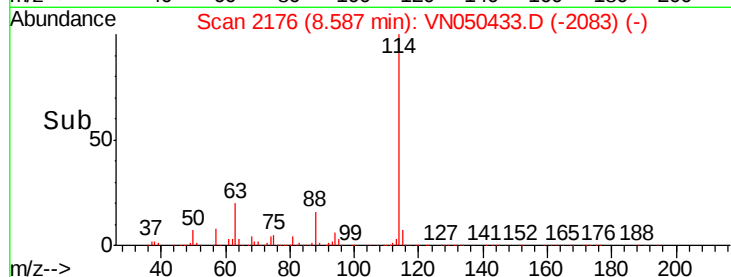
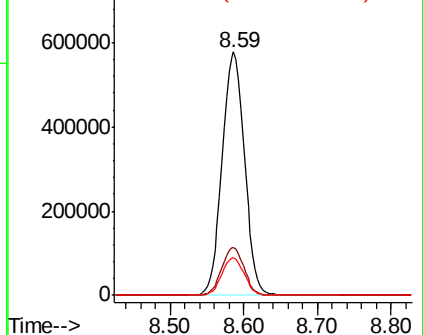
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5ME

Tot Ion:114 Resp: 1218945

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.6	0.0	31.2



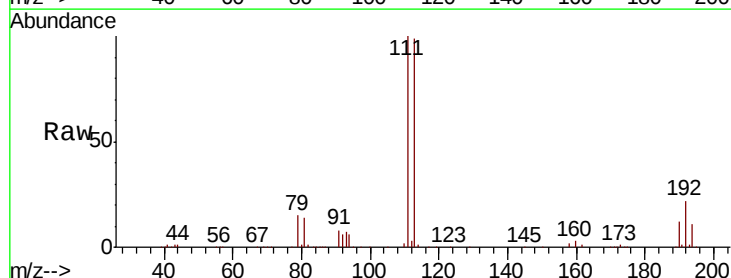
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



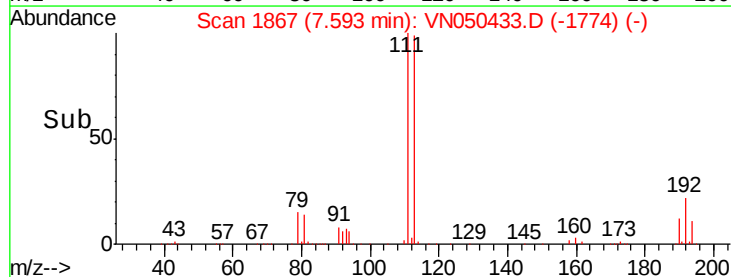
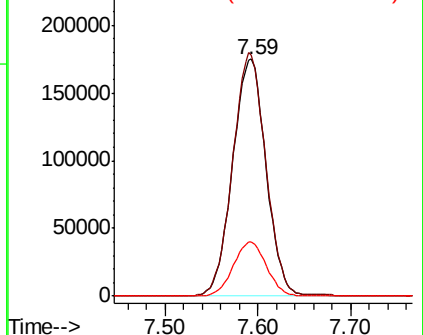
#35
 Dibromofluoromethane
 Concen: 44.87 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

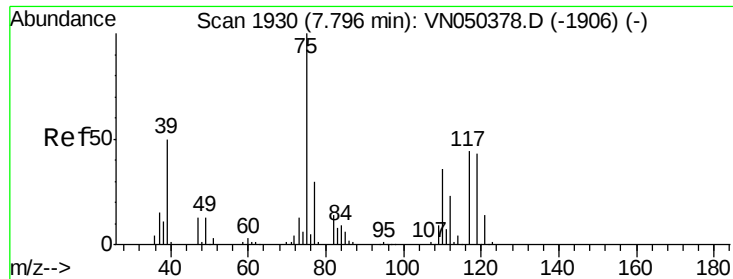
Tgt Ion:113 Resp: 438833

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.7	121.1
192	22.6	17.8	26.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

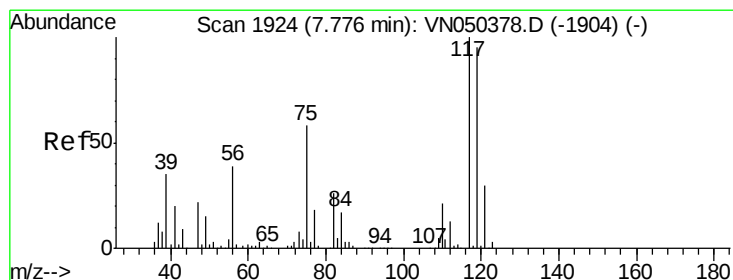
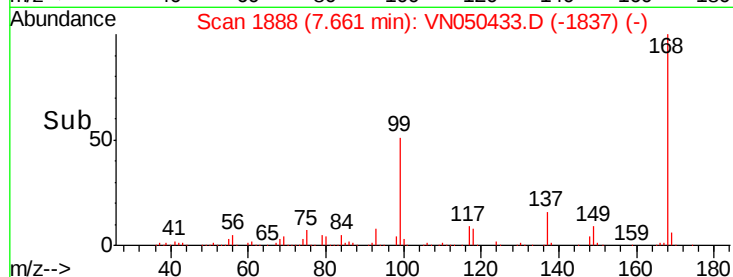
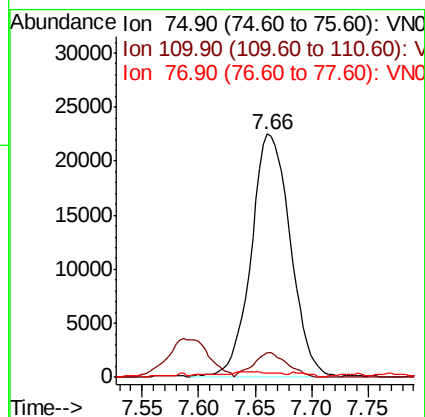
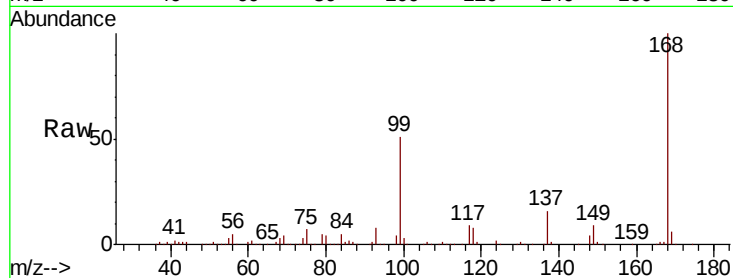




#36
 1,1-Dichloropropene
 Concen: 4.06 ug/l
 RT: 7.66 min Scan# 1888
 Delta R.T. -0.14 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

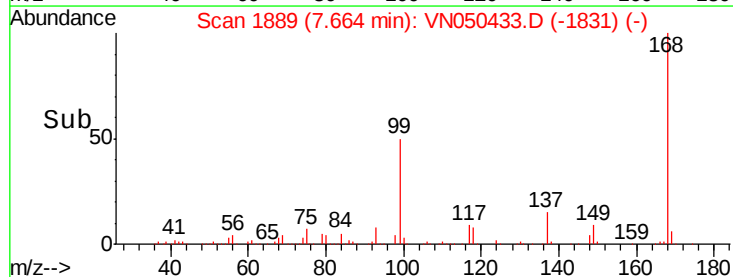
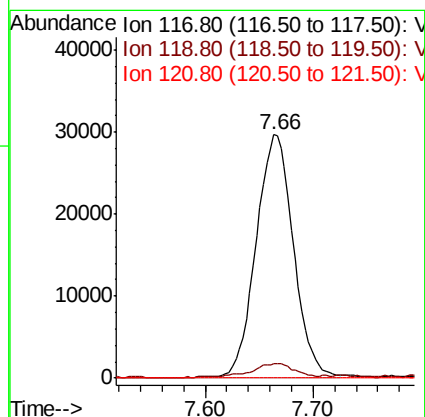
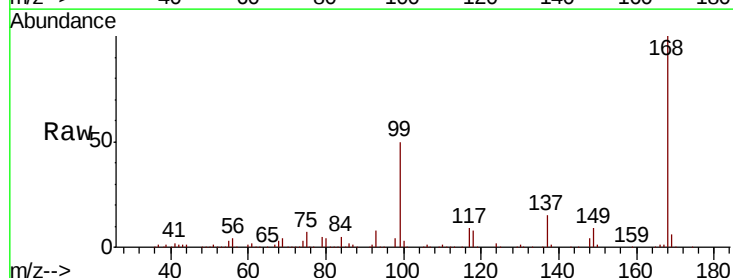
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5ME

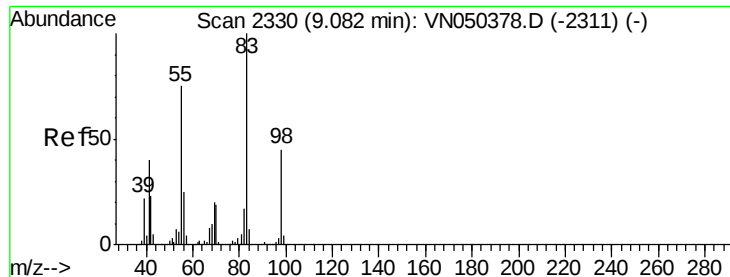
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 5.12 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.11 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.4	116.0#
121	0.0	23.9	35.9#

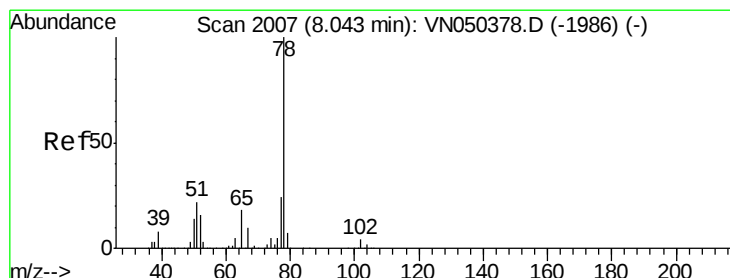
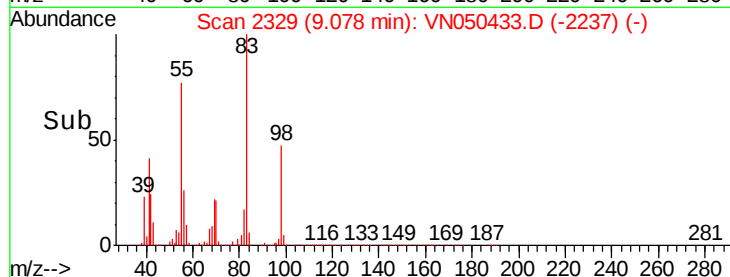
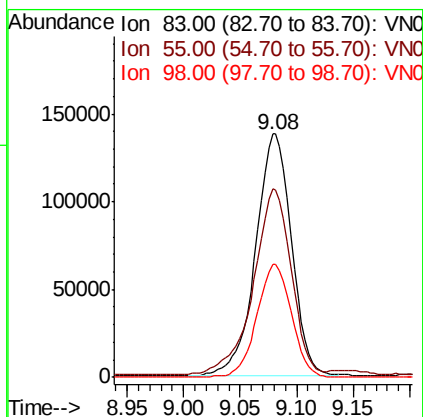
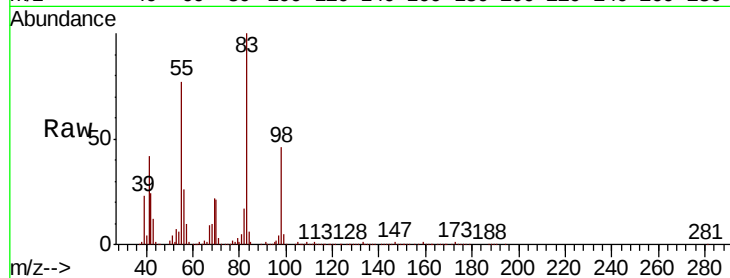




#39
Methvlcvclohexane
Concen: 20.58 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

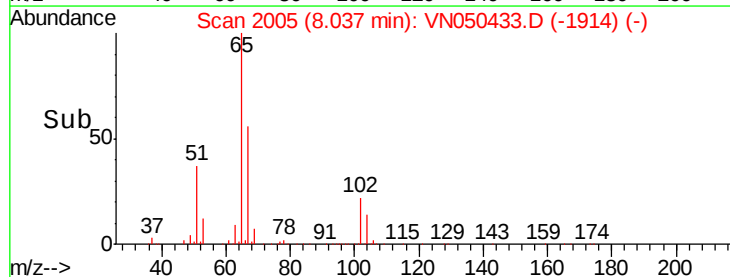
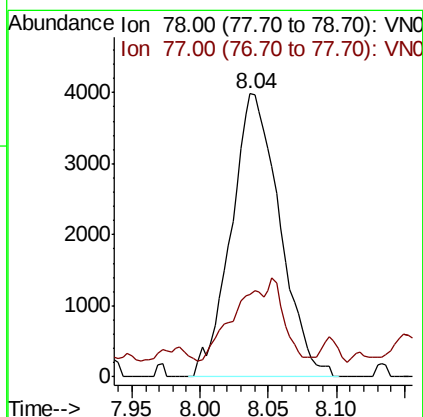
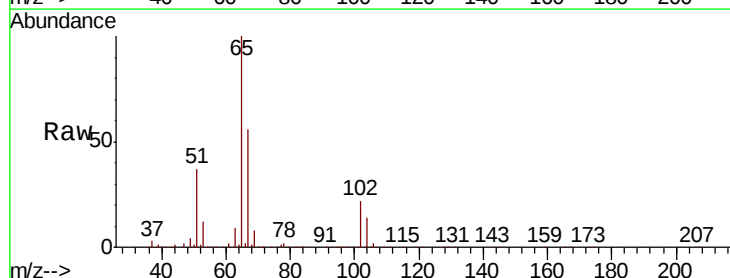
Instrument :
MSVOA_N
ClientSampleId :
TP-5ME

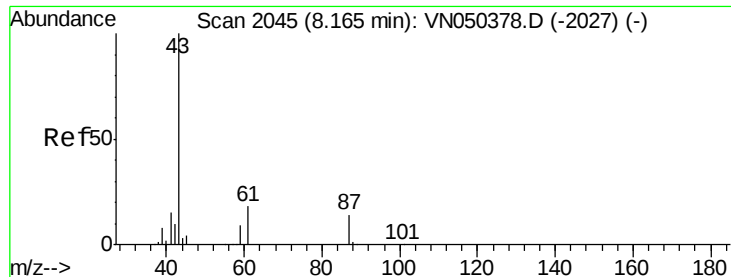
Tot Ion: 83 Resp: 300813
Ion Ratio Lower Upper
83 100
55 76.4 61.8 92.8
98 46.6 36.5 54.7



#40
Benzene
Concen: 0.24 ug/l
RT: 8.04 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

Tgt Ion: 78 Resp: 9847
Ion Ratio Lower Upper
78 100
77 21.8 18.7 28.1





#43

Isopropyl Acetate

Concen: 0.52 ug/l

RT: 8.14 min Scan# 2038

Delta R.T. -0.02 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

TP-5ME

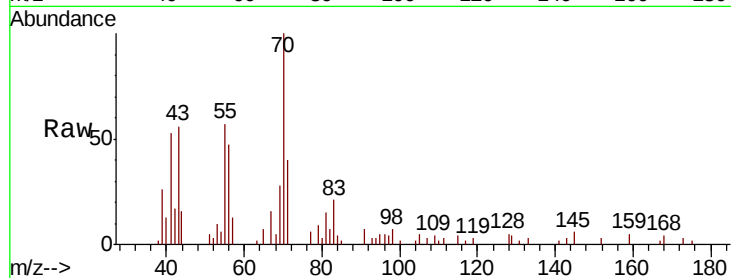
Tot Ion: 43 Resp: 8725

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

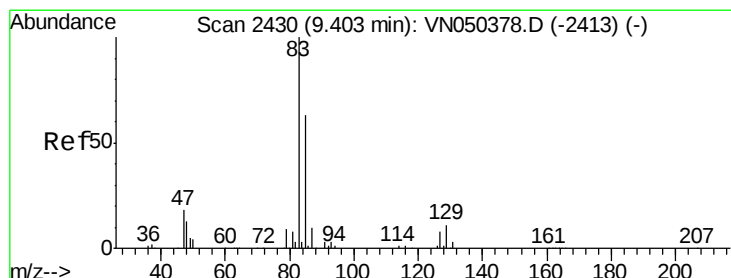
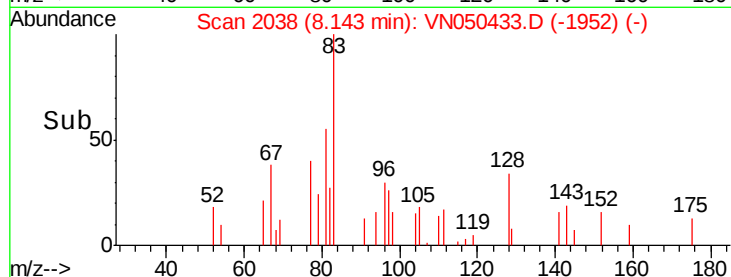
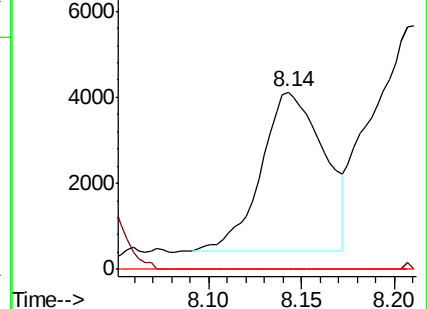
87 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.29 ug/l

RT: 9.36 min Scan# 2417

Delta R.T. -0.04 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

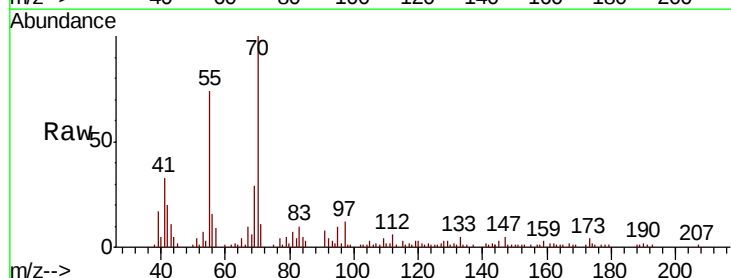
Tgt Ion: 83 Resp: 3998

Ion Ratio Lower Upper

83 100

85 10.5 51.1 76.7#

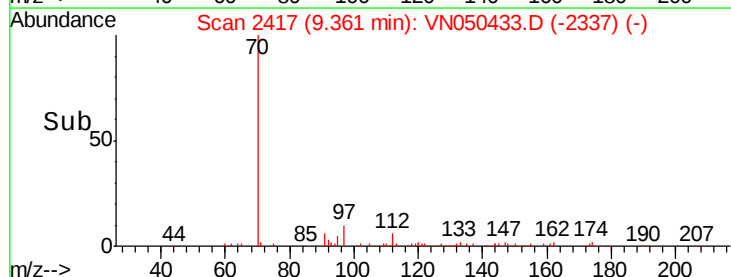
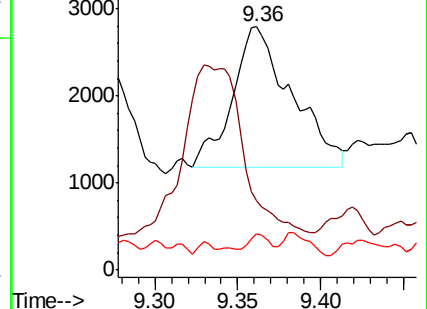
127 14.2 7.0 10.4#

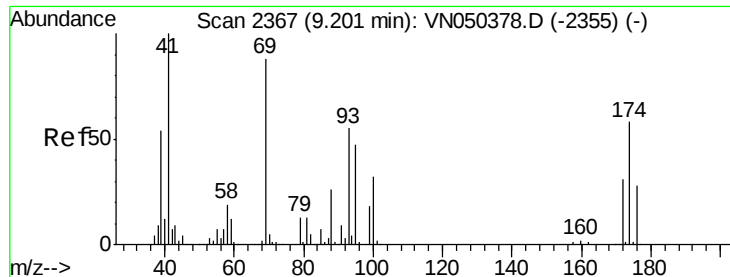


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

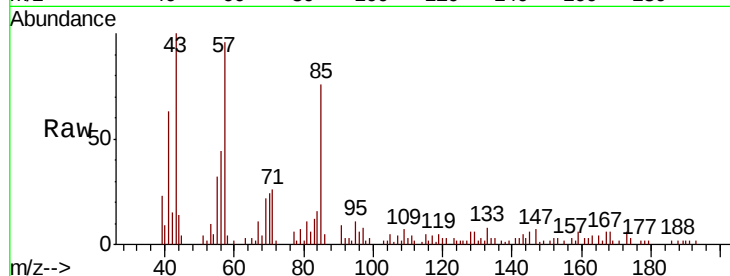




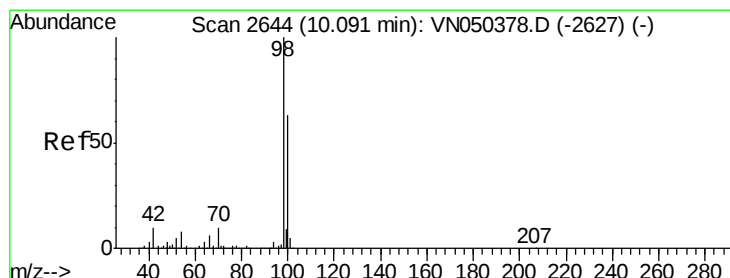
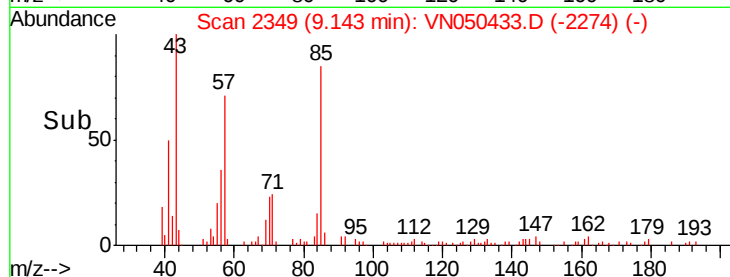
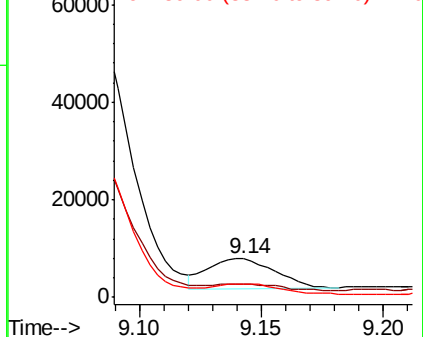
#48
Methvl methacrylate
Concen: 1.41 ug/l
RT: 9.14 min Scan# 2349
Delta R.T. -0.06 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

Instrument :
MSVOA_N
ClientSampleId :
TP-5ME

Tot Ion: 41 Resp: 11797
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 30.2 43.9 65.9#

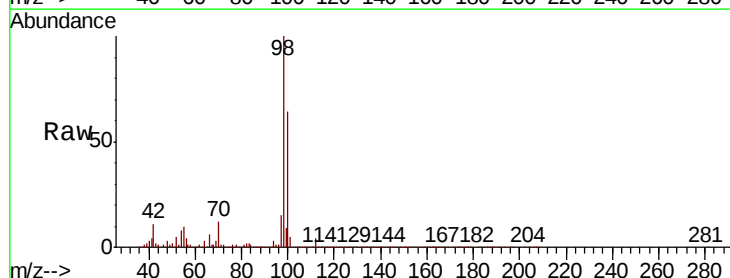


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

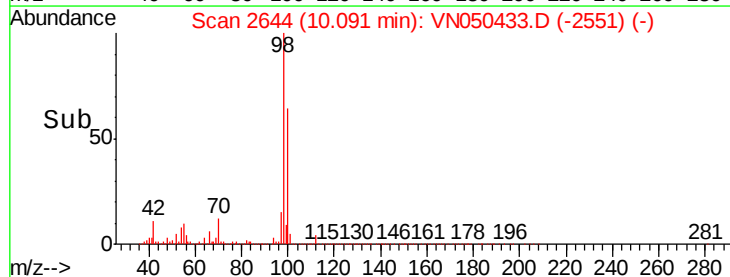
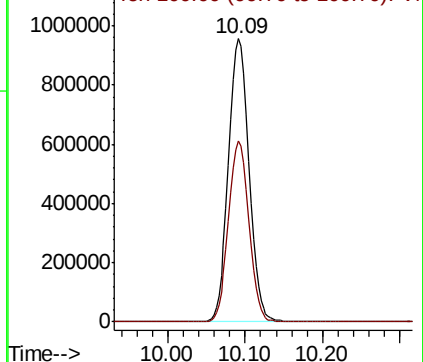


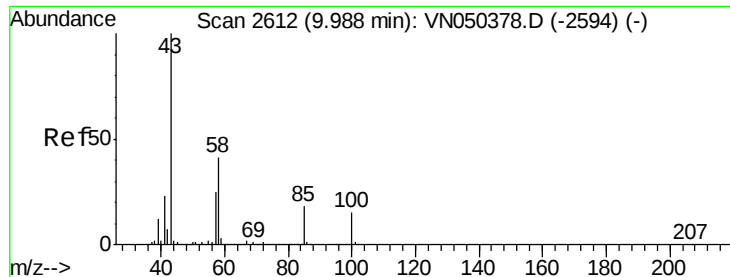
#50
Toluene-d8
Concen: 47.79 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

Tgt Ion: 98 Resp: 1757296
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.95 ug/l

RT: 10.09 min Scan# 2643

Delta R.T. 0.10 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

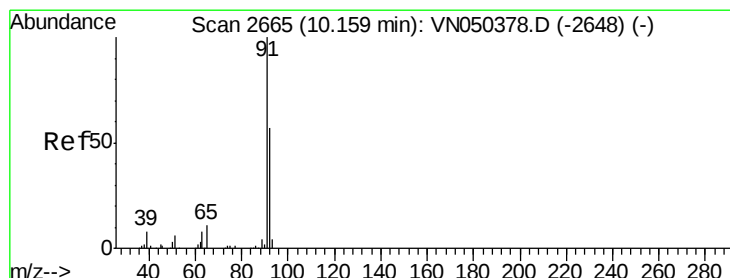
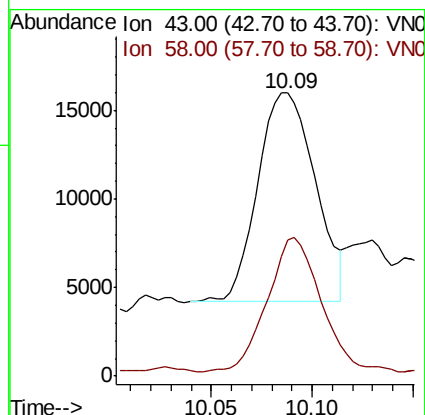
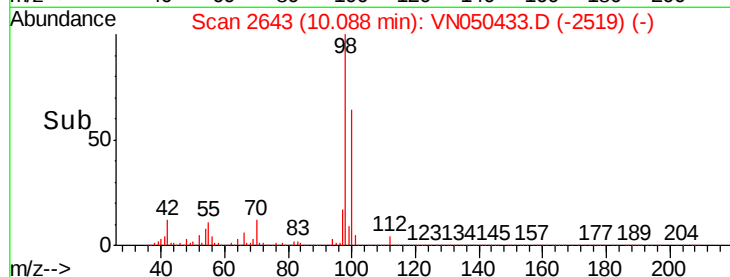
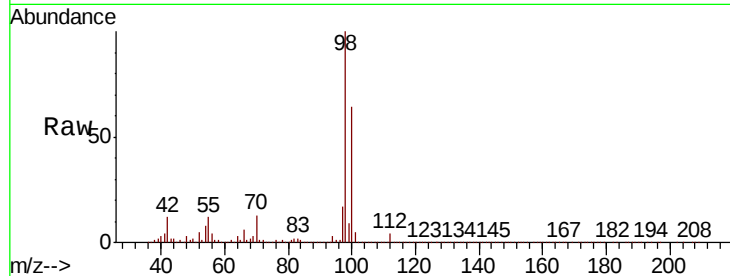
TP-5ME

Tot Ion: 43 Resp: 23423

Ion Ratio Lower Upper

43 100

58 59.8 31.9 47.9#



#52

Toluene

Concen: 8.59 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050433.D

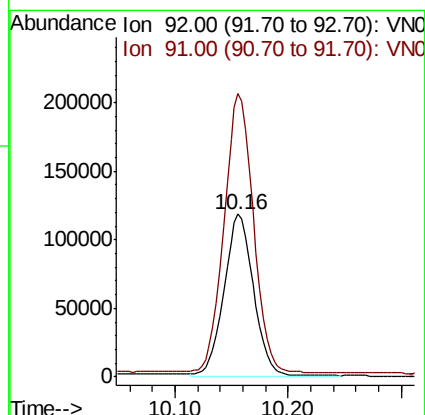
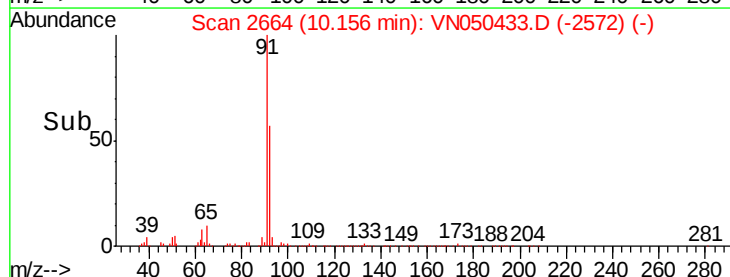
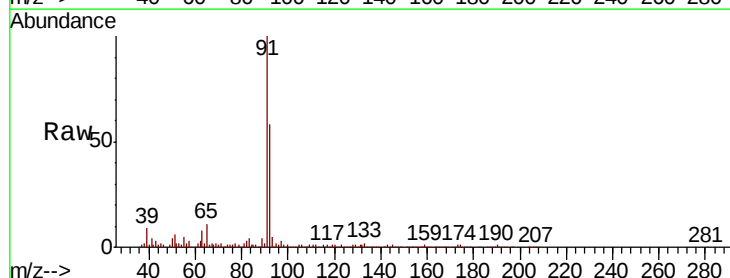
Acq: 7 Aug 2018 15:51

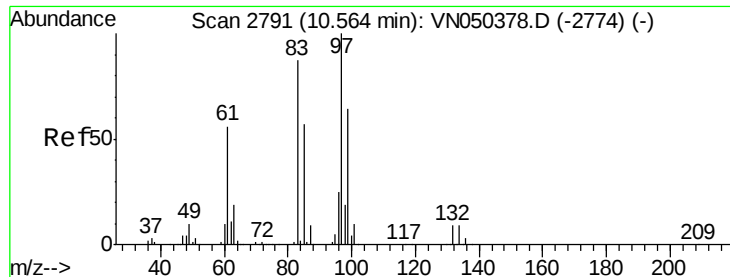
Tgt Ion: 92 Resp: 212554

Ion Ratio Lower Upper

92 100

91 173.2 140.3 210.5





#55

1,1,2-Trichloroethane

Concen: 6.86 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampled :

TP-5ME

Tot Ion: 97 Resp: 66266

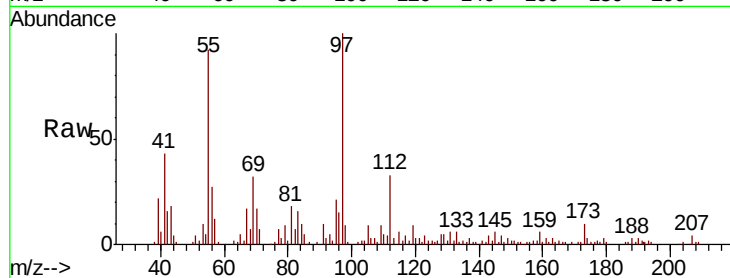
Ion Ratio Lower Upper

97 100

83 7.7 69.2 103.8#

85 2.7 44.0 66.0#

99 0.2 49.9 74.9#

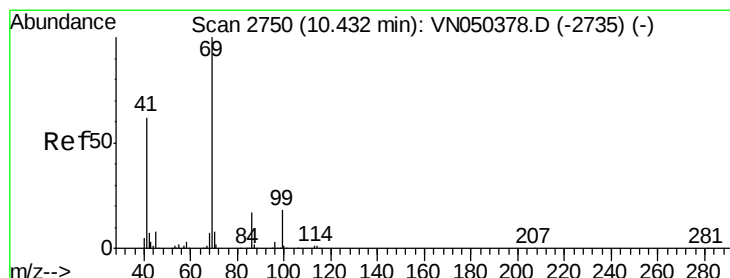
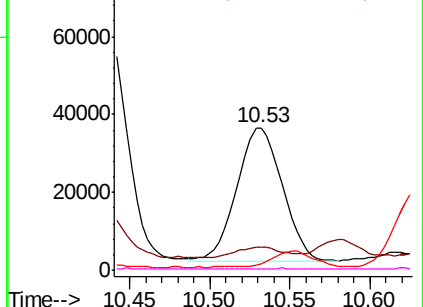
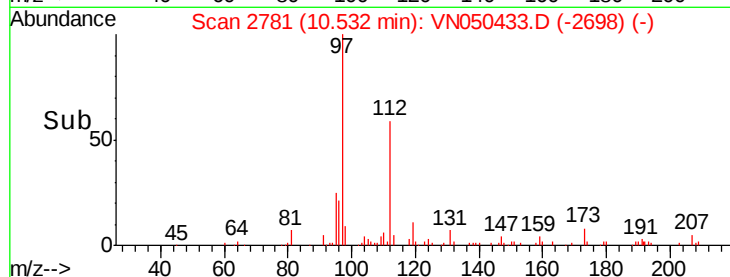


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 4.03 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

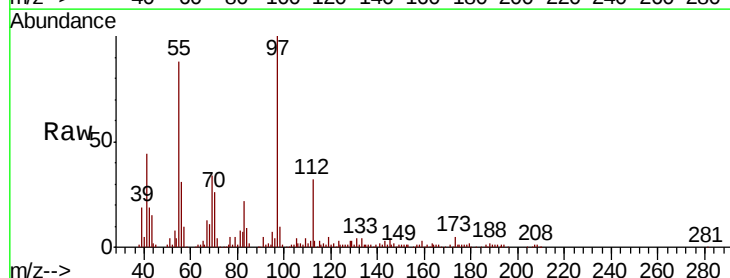
Tgt Ion: 69 Resp: 32763

Ion Ratio Lower Upper

69 100

41 176.9 51.0 76.4#

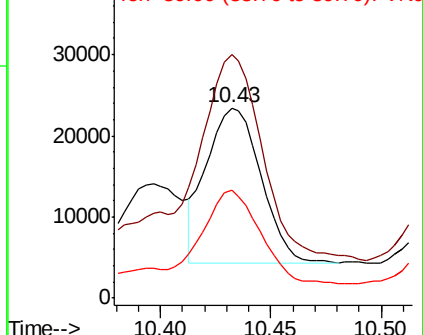
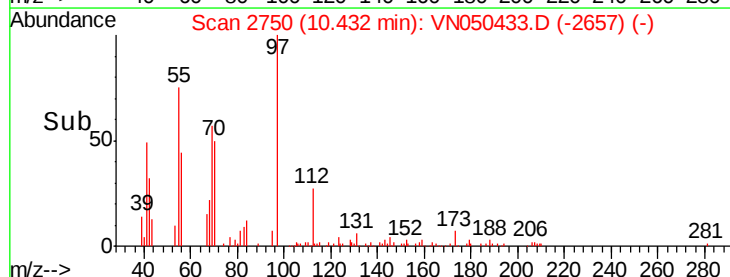
39 63.3 26.6 40.0#

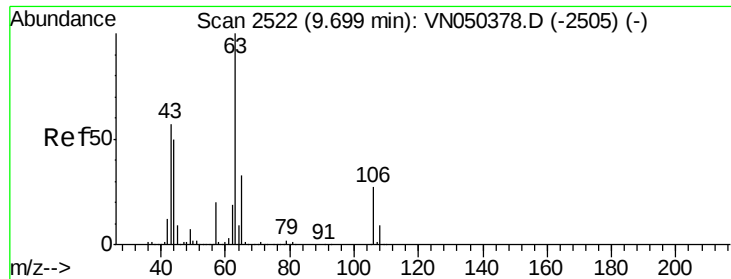


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

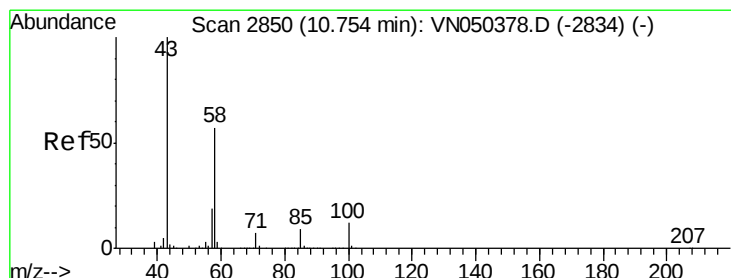
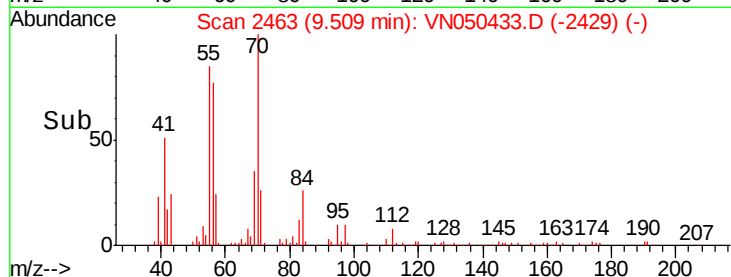
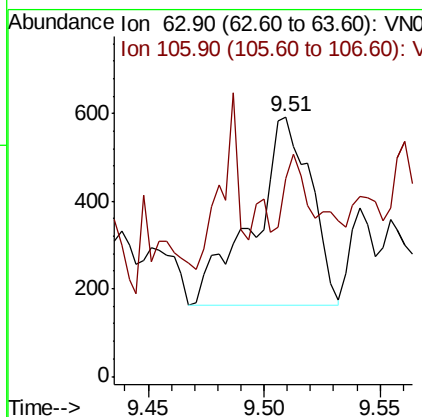
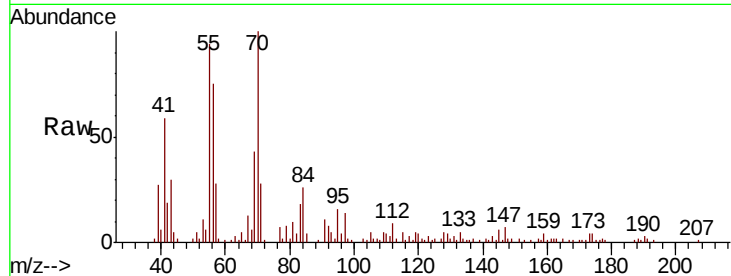




#58
2-Chloroethyl Vinyl ether
Concen: 7.51 ug/l
RT: 9.51 min Scan# 2463
Delta R.T. -0.19 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

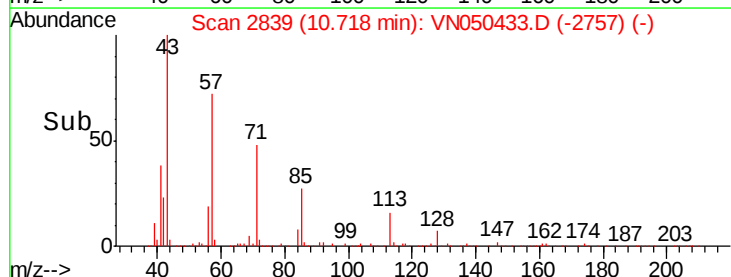
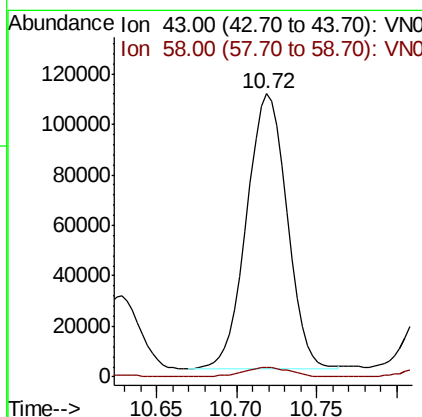
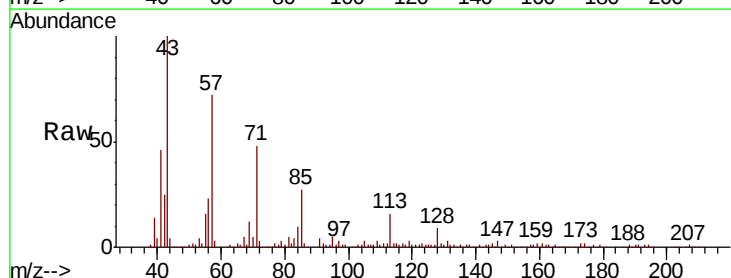
Instrument :
MSVOA_N
ClientSampled :
TP-5ME

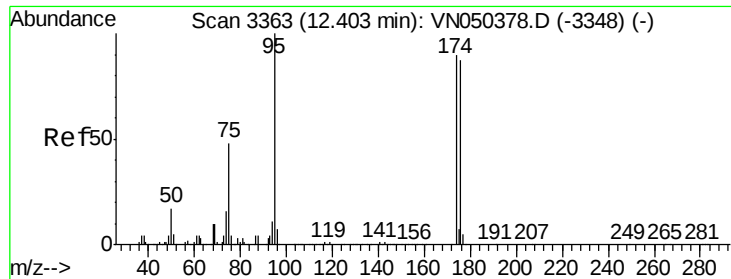
Tot Ion: 63 Resp: 745
Ion Ratio Lower Upper
63 100
106 29.8 21.7 32.5



#59
2-Hexanone
Concen: 22.47 ug/l
RT: 10.72 min Scan# 2839
Delta R.T. -0.04 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

Tgt Ion: 43 Resp: 188036
Ion Ratio Lower Upper
43 100
58 3.5 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 48.47 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

TP-5ME

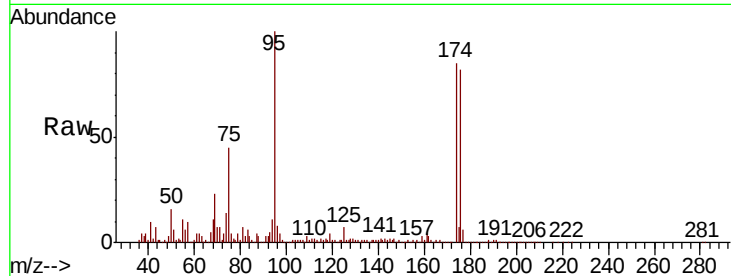
Tot Ion: 95 Resp: 607500

Ion Ratio Lower Upper

95 100

174 86.0 0.0 178.2

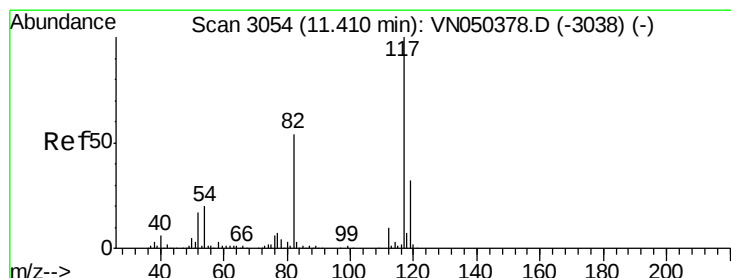
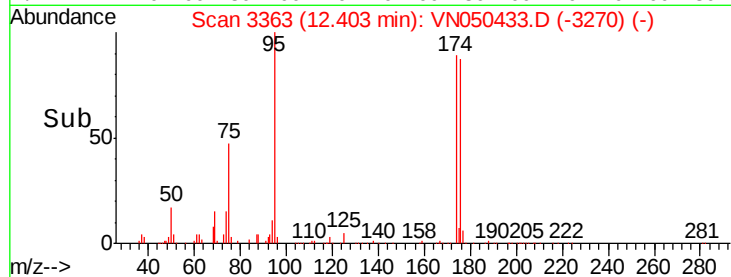
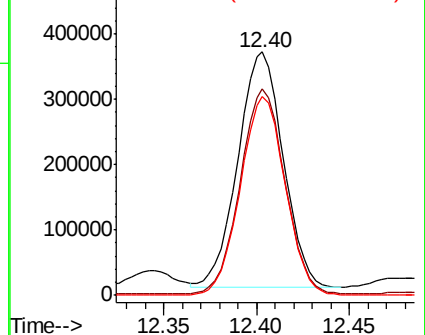
176 84.1 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050433.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050433.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050433.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

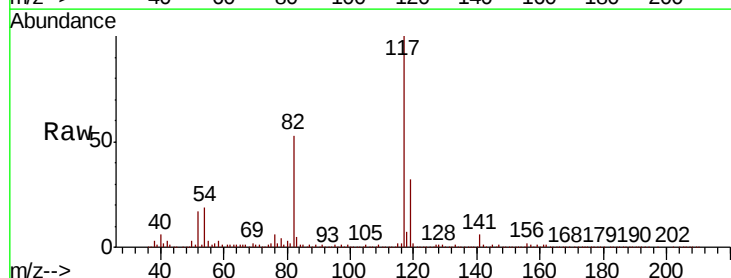
Tgt Ion: 117 Resp: 1088935

Ion Ratio Lower Upper

117 100

82 52.1 43.7 65.5

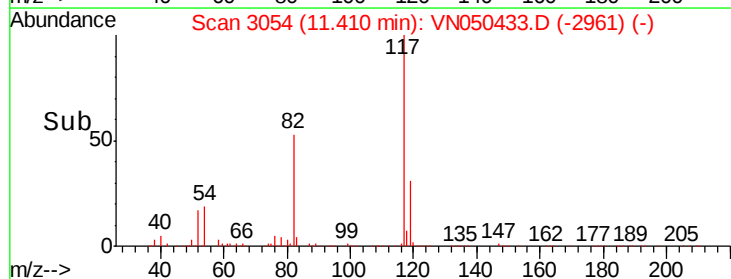
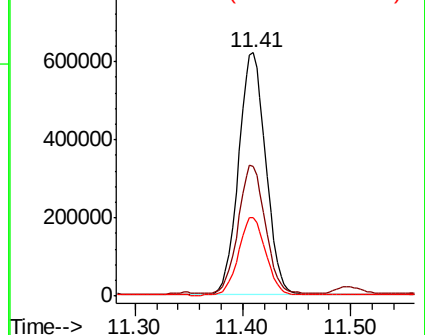
119 32.0 26.1 39.1

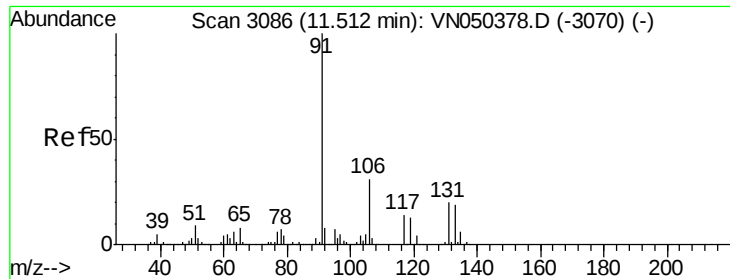


Abundance Ion 116.90 (116.60 to 117.60): VN050433.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050433.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050433.D (-2961) (-)





#67

Ethyl Benzene

Concen: 10.71 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

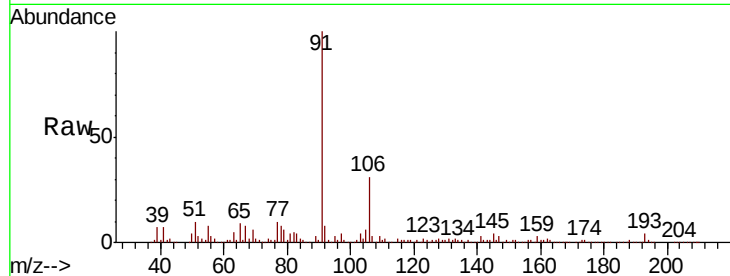
TP-5ME

Tot Ion: 91 Resp: 472506

Ion Ratio Lower Upper

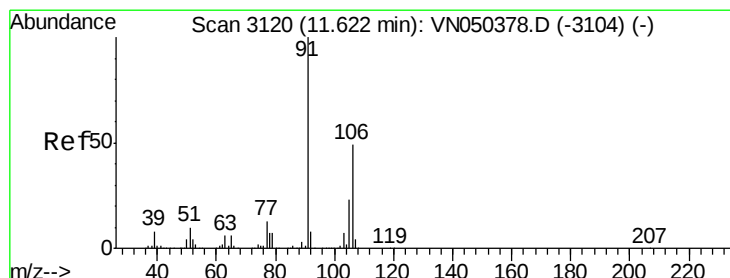
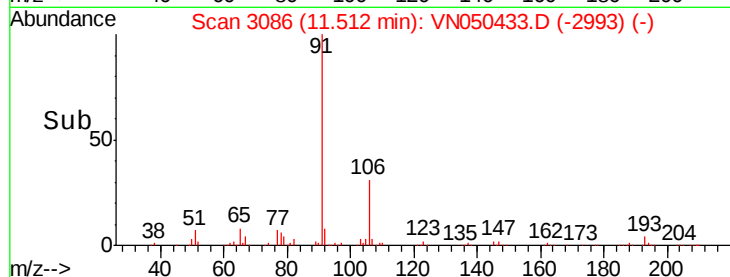
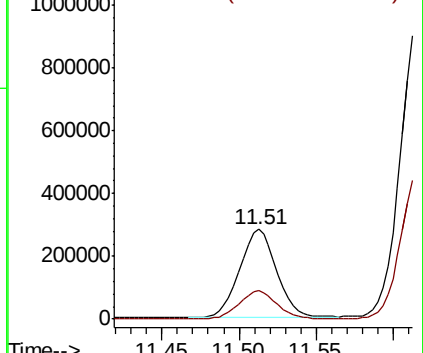
91 100

106 31.1 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 54.70 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN050433.D

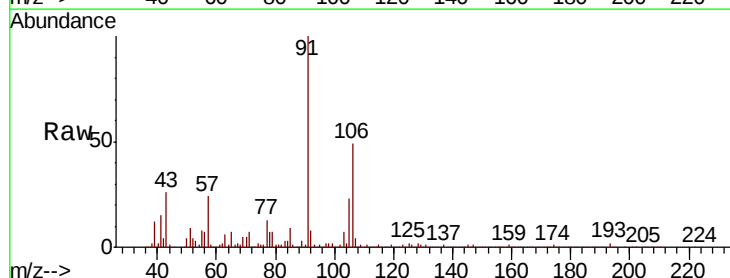
Acq: 7 Aug 2018 15:51

Tgt Ion:106 Resp: 918859

Ion Ratio Lower Upper

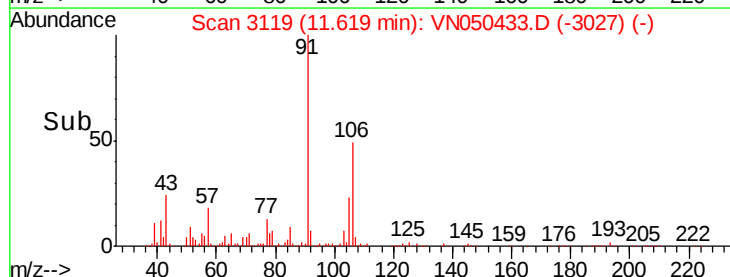
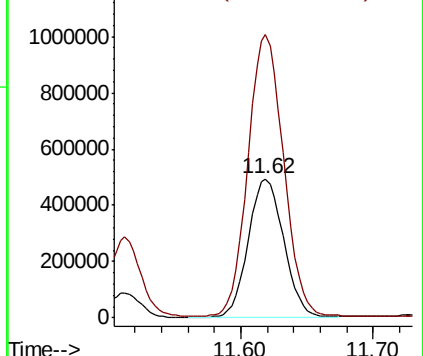
106 100

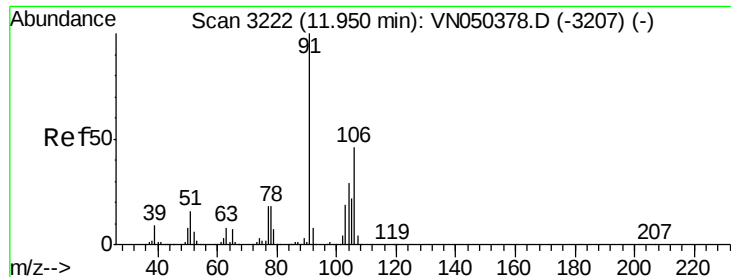
91 203.0 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

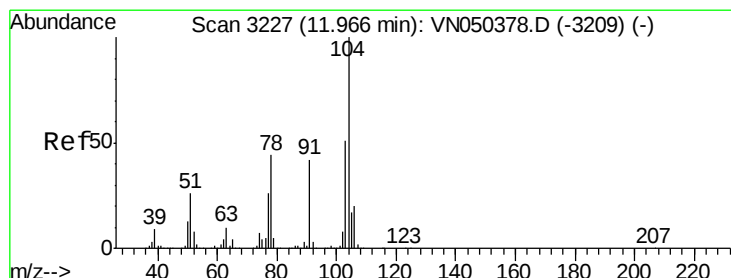
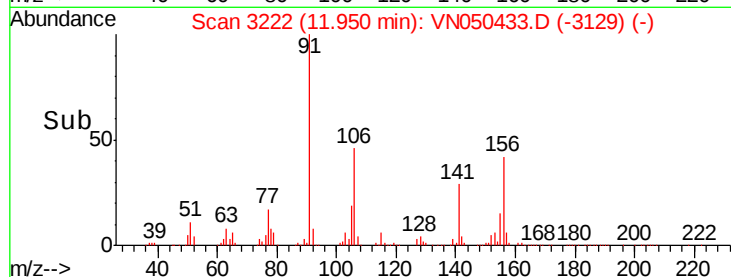
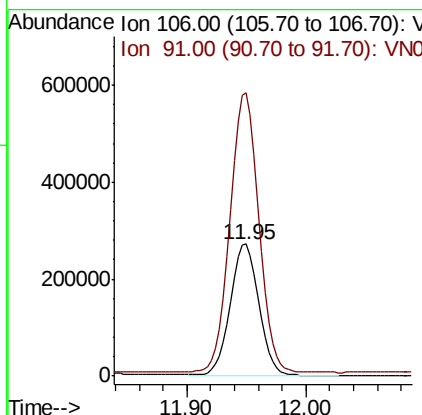
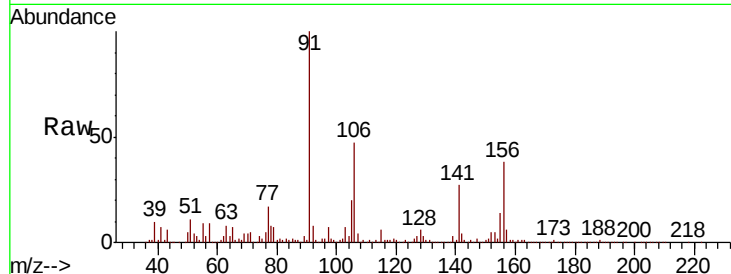




#69
o-Xylene
Concen: 27.74 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

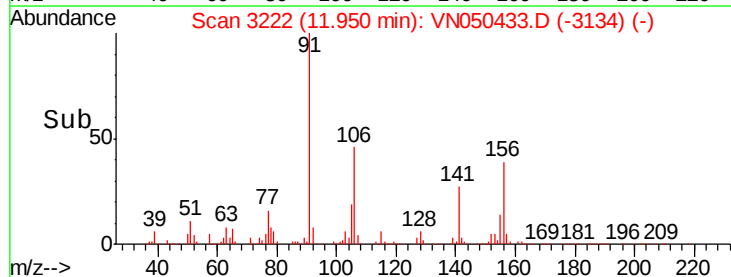
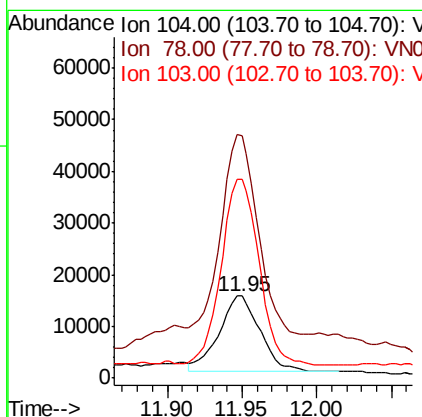
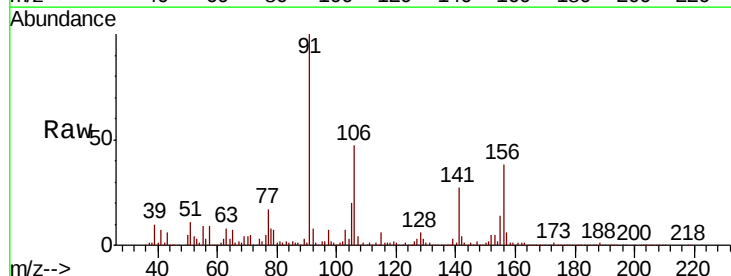
Instrument :
MSVOA_N
ClientSampled :
TP-5ME

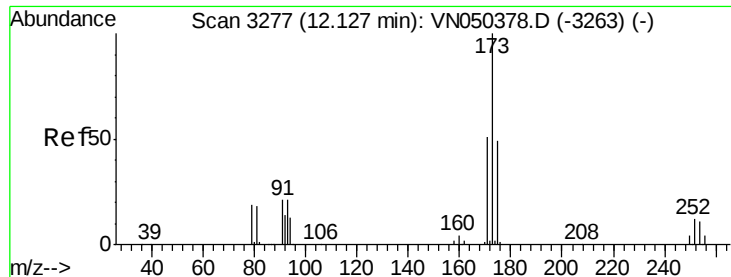
Tot Ion:106 Resp: 448982
Ion Ratio Lower Upper
106 100
91 213.9 107.7 323.1



#70
Styrene
Concen: 1.07 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.02 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

Tgt Ion:104 Resp: 28131
Ion Ratio Lower Upper
104 100
78 254.8 39.3 58.9#
103 225.1 45.0 67.6#





#71

Bromoform

Concen: 0.60 ug/l

RT: 12.15 min Scan# 3285

Delta R.T. 0.03 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampled :

TP-5ME

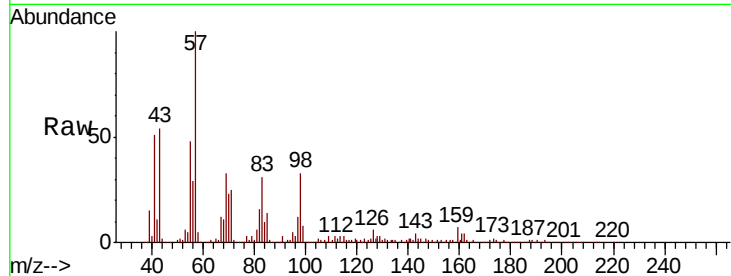
Tot Ion:173 Resp: 4355

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

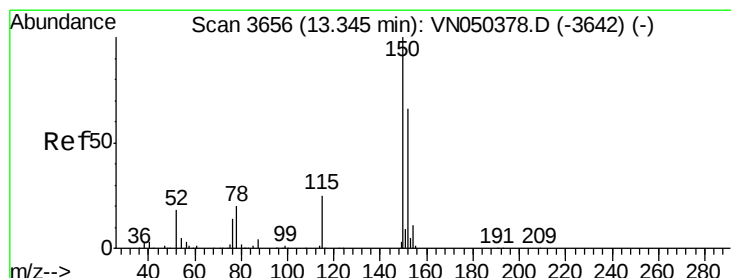
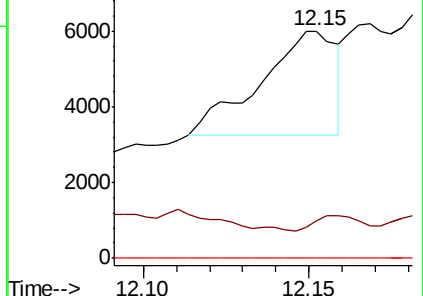
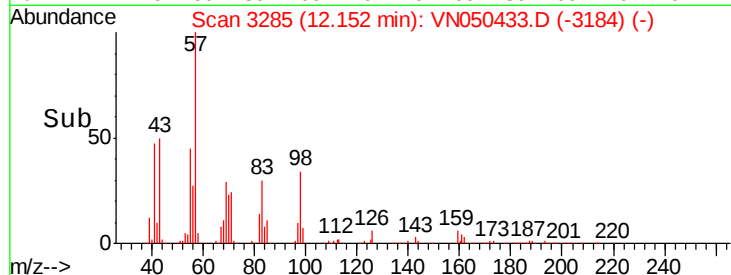
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

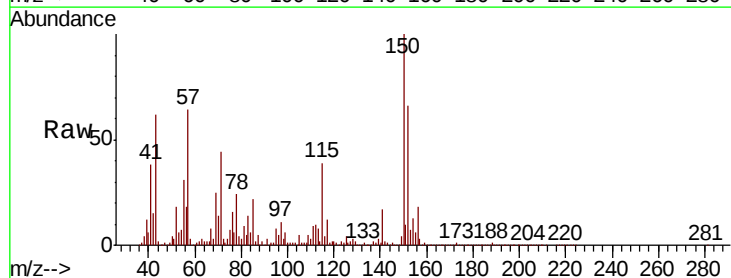
Tgt Ion:152 Resp: 652452

Ion Ratio Lower Upper

152 100

115 78.3 27.8 83.3

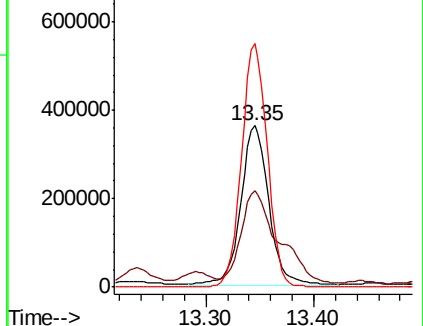
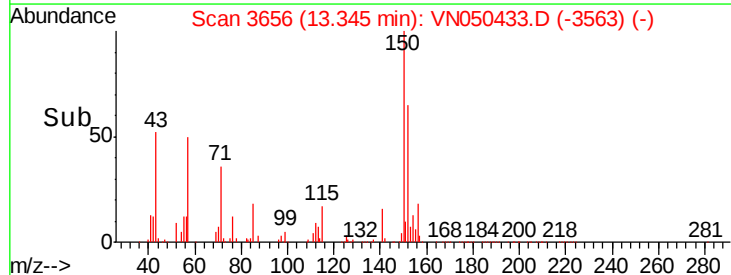
150 138.3 0.0 348.6

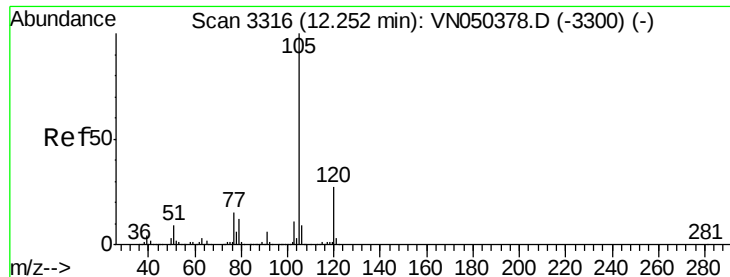


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.51 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

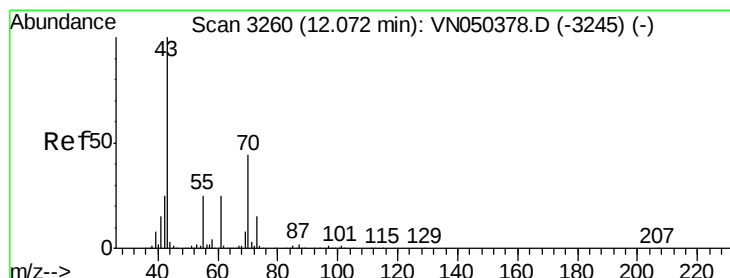
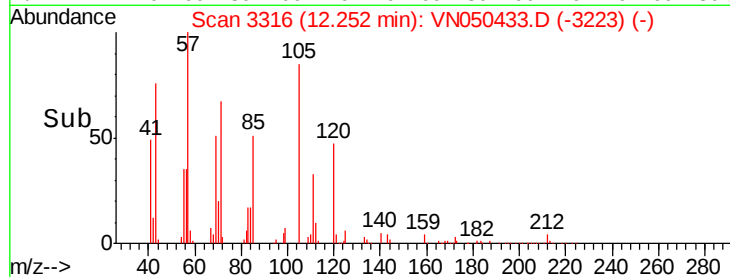
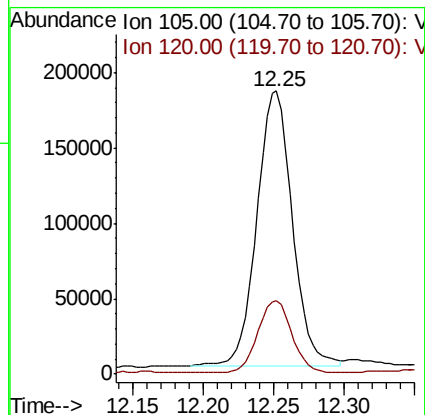
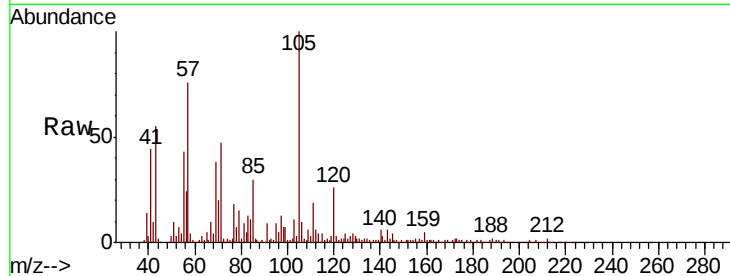
TP-5ME

Tot Ion:105 Resp: 318651

Ion Ratio Lower Upper

105 100

120 25.7 13.3 39.8



#74

N-ethyl acetate

Concen: 16.36 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Tgt Ion: 43 Resp: 259690

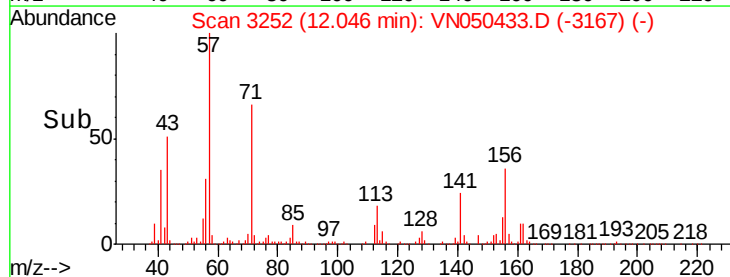
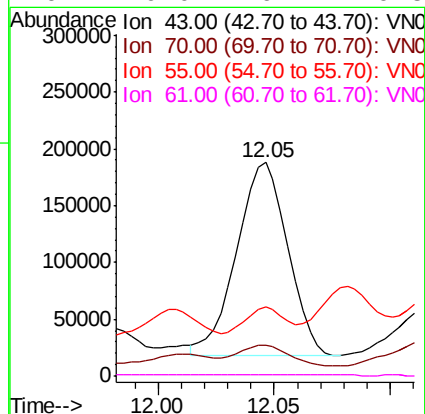
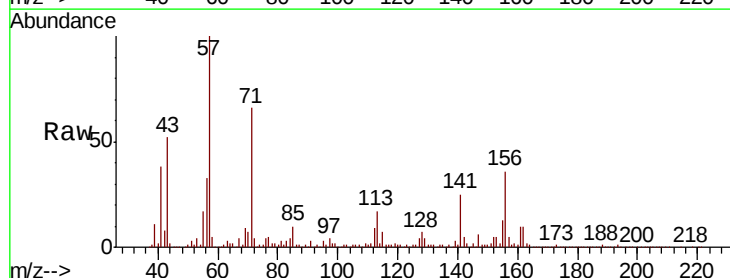
Ion Ratio Lower Upper

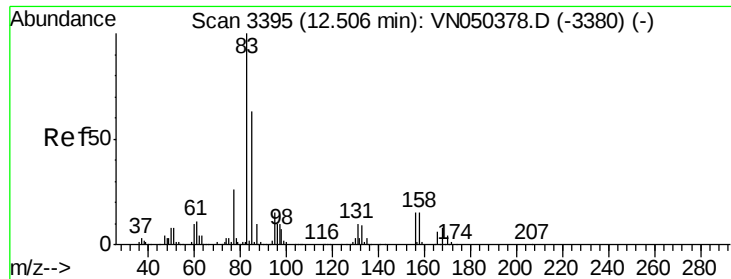
43 100

70 10.3 34.4 51.6#

55 8.9 20.8 31.2#

61 0.0 19.7 29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.01 ug/l

RT: 12.45 min Scan# 3378

Delta R.T. -0.05 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

TP-5ME

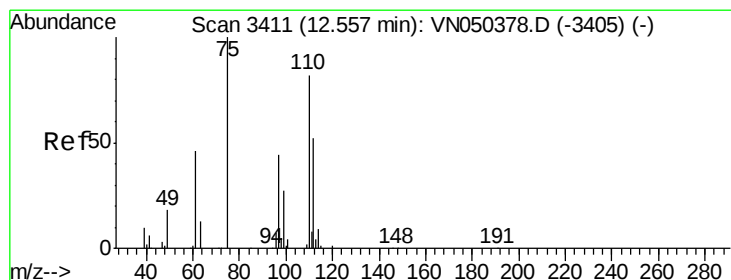
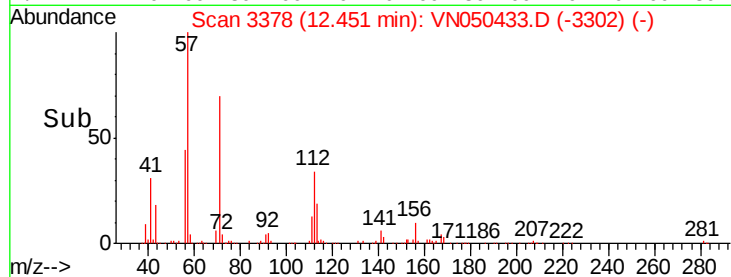
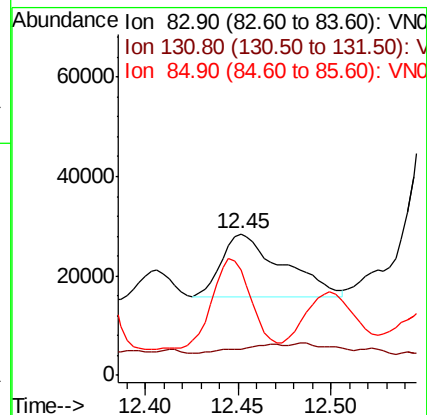
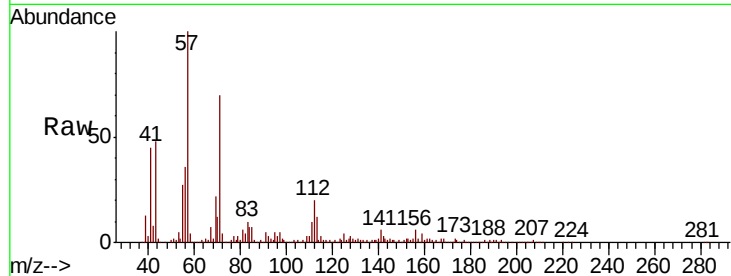
Tot Ion: 83 Resp: 28416

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 93.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 2.16 ug/l

RT: 12.54 min Scan# 3407

Delta R.T. -0.01 min

Lab File: VN050433.D

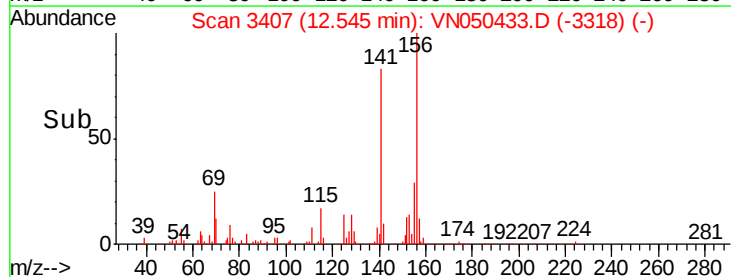
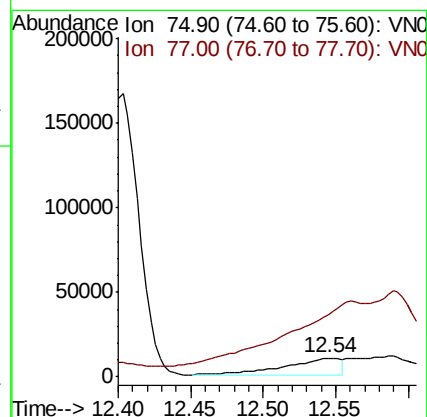
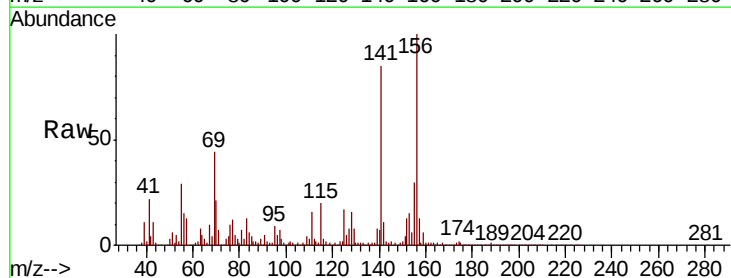
Acq: 7 Aug 2018 15:51

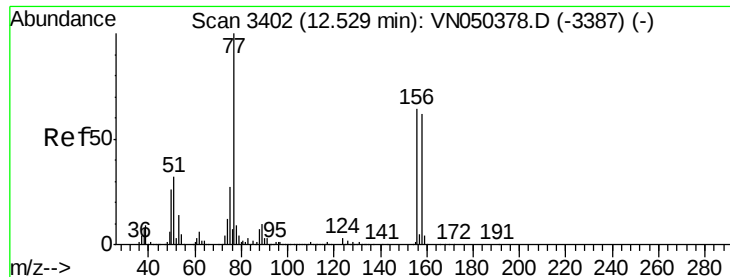
Tgt Ion: 75 Resp: 25506

Ion Ratio Lower Upper

75 100

77 543.8 0.0 0.0#





#77

Bromobenzene

Concen: 164.67 ug/l

RT: 12.57 min Scan# 3415

Delta R.T. 0.04 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

TP-5ME

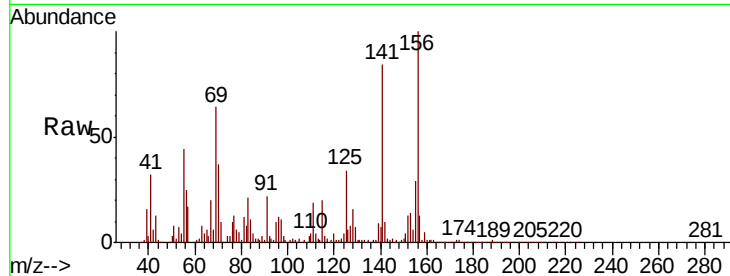
Tot Ion:156 Resp: 2160599

Ion Ratio Lower Upper

156 100

77 6.4 91.7 275.1#

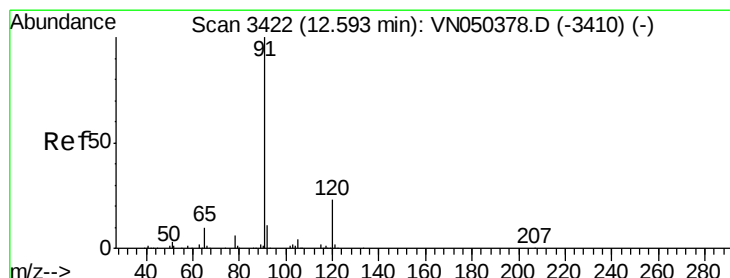
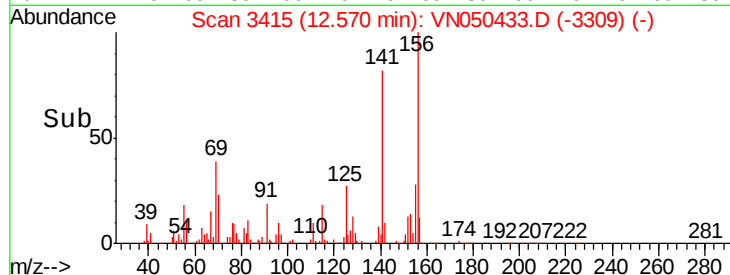
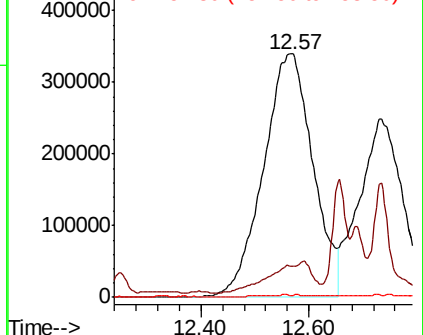
158 0.1 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 14.17 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050433.D

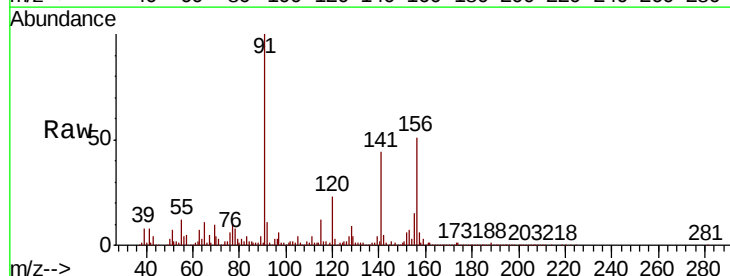
Acq: 7 Aug 2018 15:51

Tgt Ion: 91 Resp: 785616

Ion Ratio Lower Upper

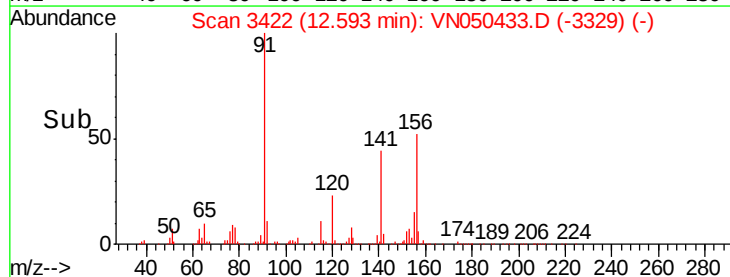
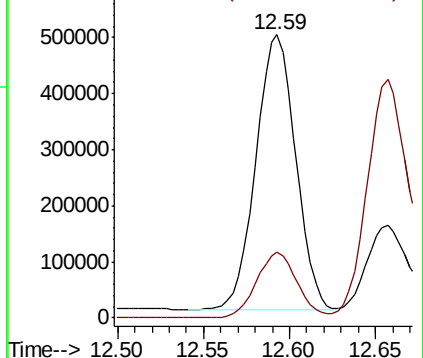
91 100

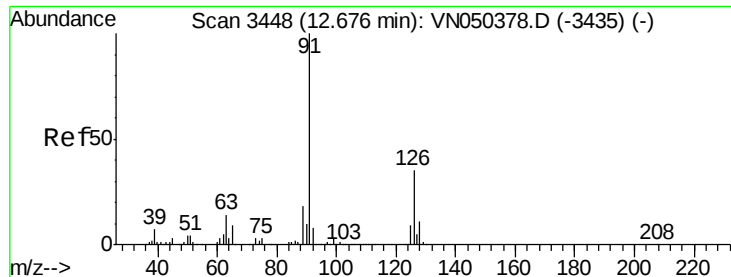
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

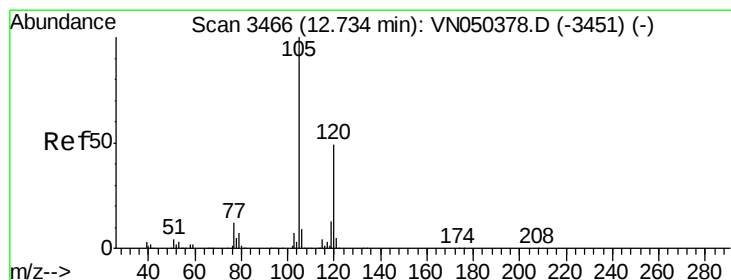
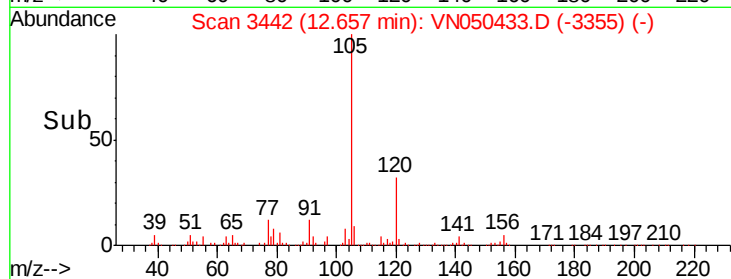
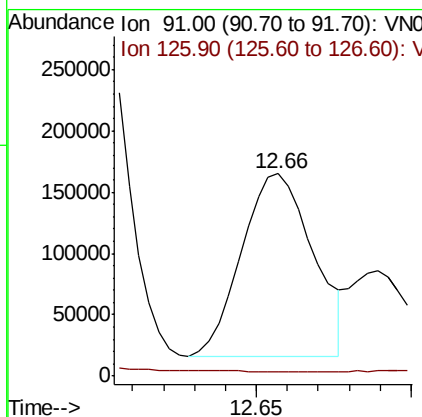
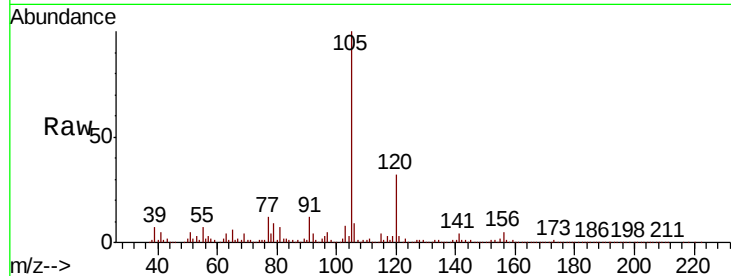




#79
 2-Chlorotoluene
 Concen: 6.99 ug/l
 RT: 12.66 min Scan# 3442
 Delta R.T. -0.02 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

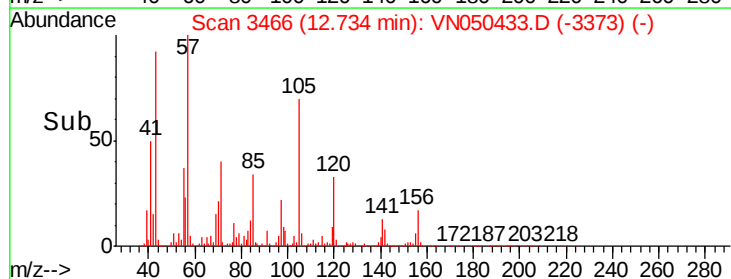
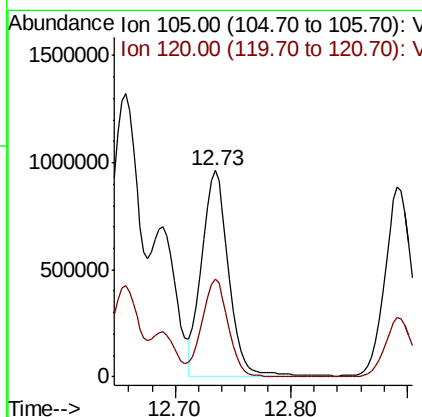
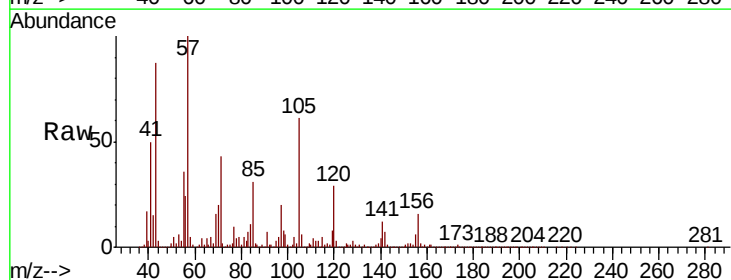
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5ME

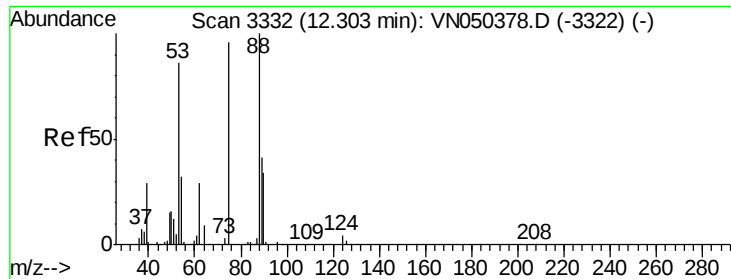
Tot Ion: 91 Resp: 239434
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 38.69 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. -0.00 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

Tgt Ion: 105 Resp: 1538258
 Ion Ratio Lower Upper
 105 100
 120 46.3 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 82.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

TP-5ME

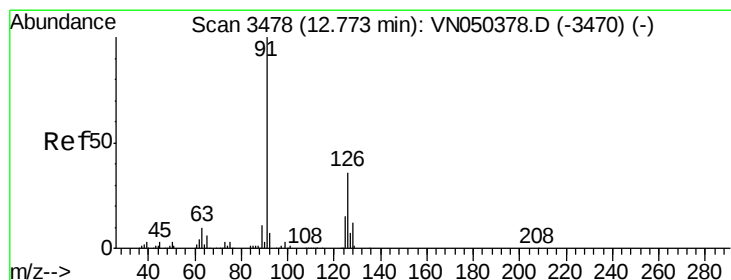
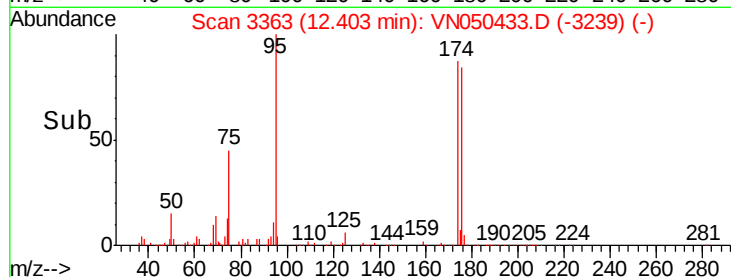
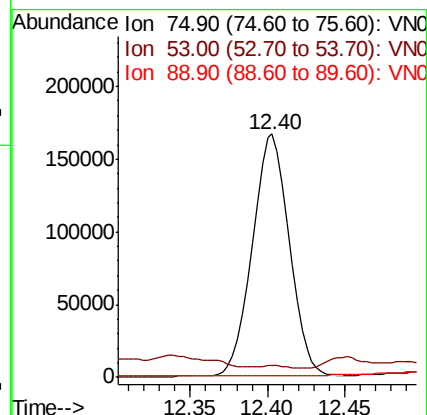
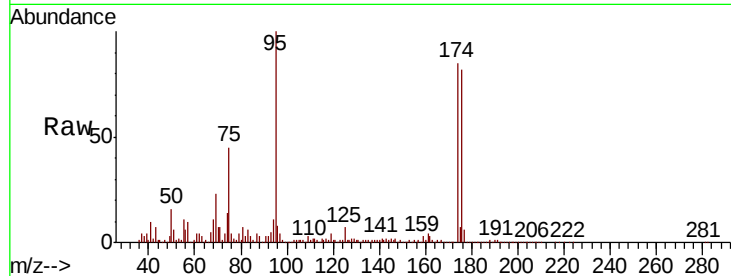
Tot Ion: 75 Resp: 277598

Ion Ratio Lower Upper

75 100

53 0.8 73.5 110.3#

89 0.0 36.0 54.0#



#82

4-Chlorotoluene

Concen: 4.42 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.04 min

Lab File: VN050433.D

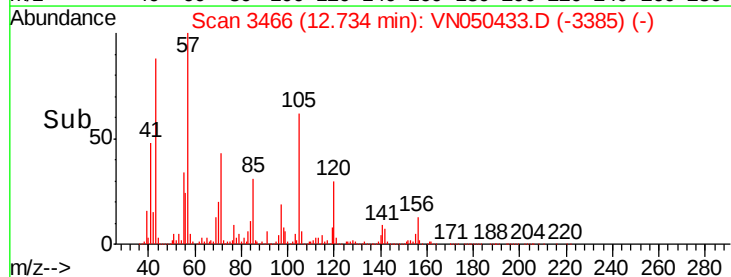
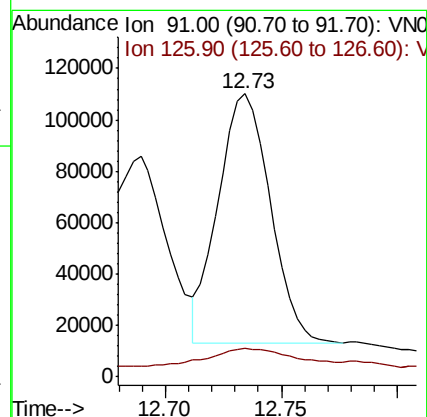
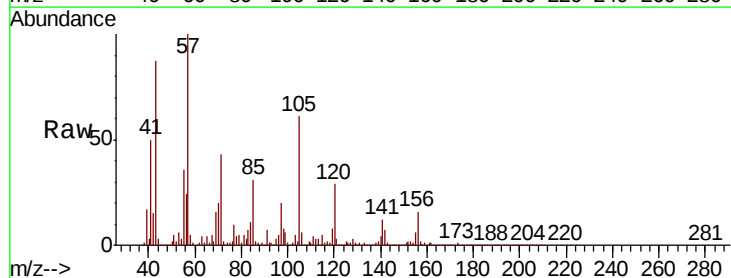
Acq: 7 Aug 2018 15:51

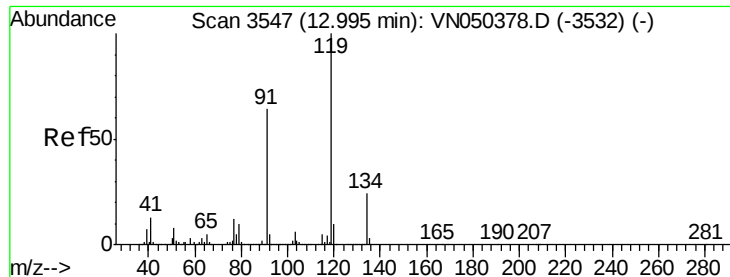
Tgt Ion: 91 Resp: 150954

Ion Ratio Lower Upper

91 100

126 10.4 17.0 51.0#





#83

tert-Butylbenzene

Concen: 17.33 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampled :

TP-5ME

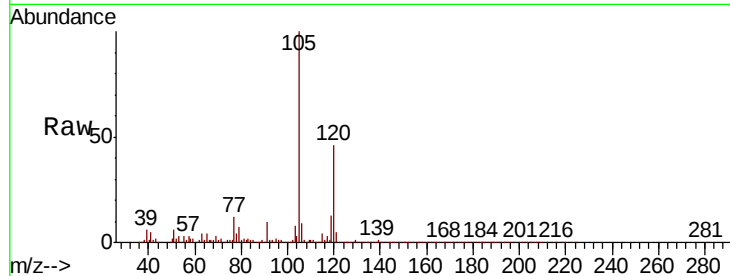
Tot Ion:119 Resp: 600931

Ion Ratio Lower Upper

119 100

91 78.0 32.1 96.3

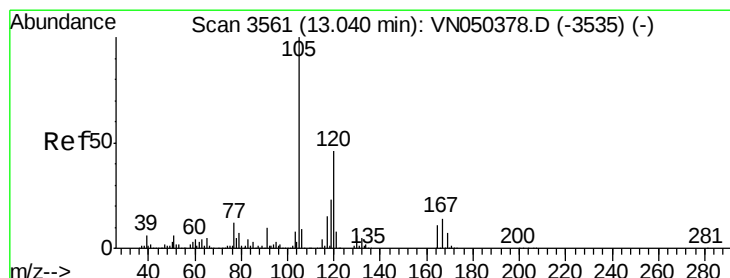
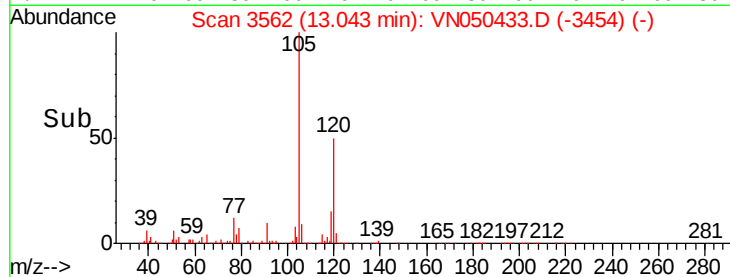
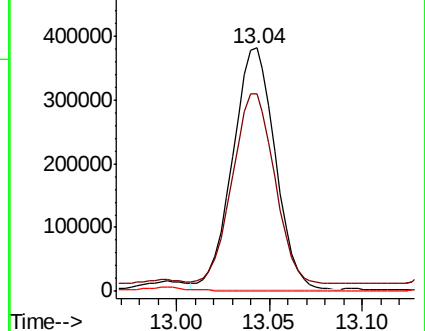
134 0.0 13.2 39.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 120.90 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050433.D

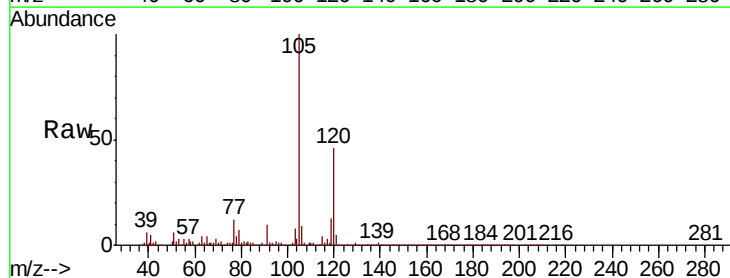
Acq: 7 Aug 2018 15:51

Tgt Ion:105 Resp: 4869054

Ion Ratio Lower Upper

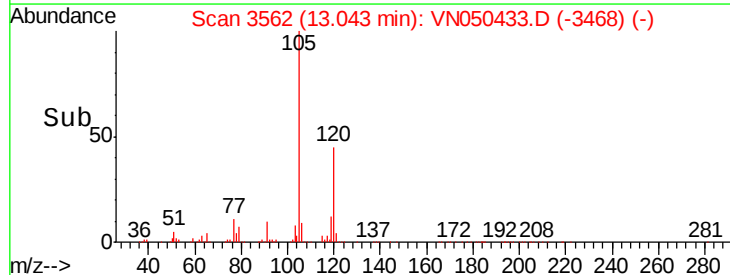
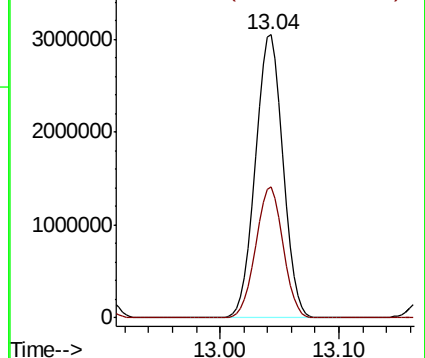
105 100

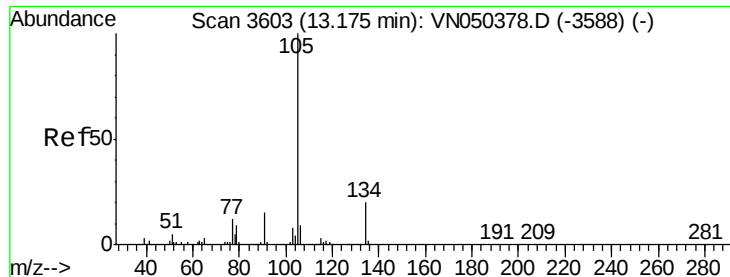
120 45.9 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

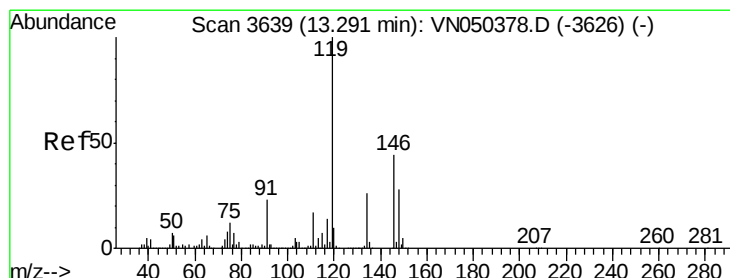
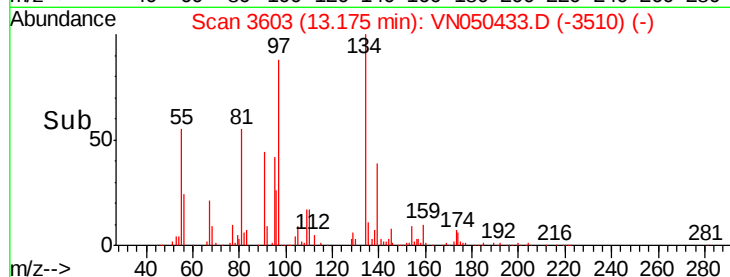
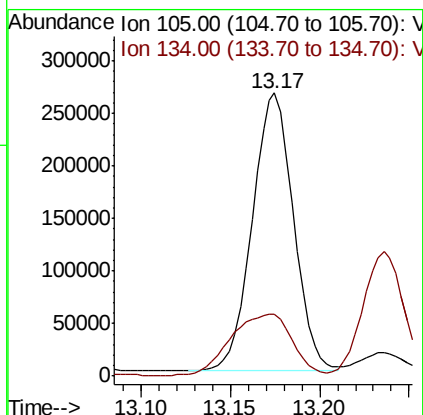
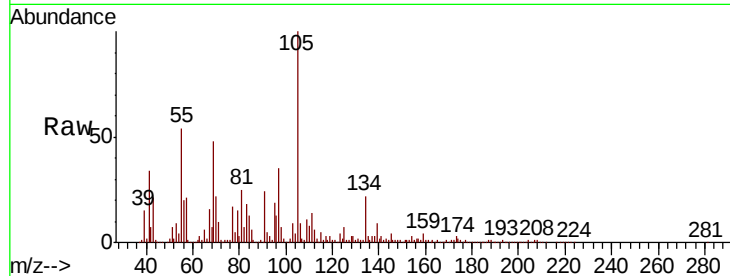




#85
 sec-Butylbenzene
 Concen: 9.21 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

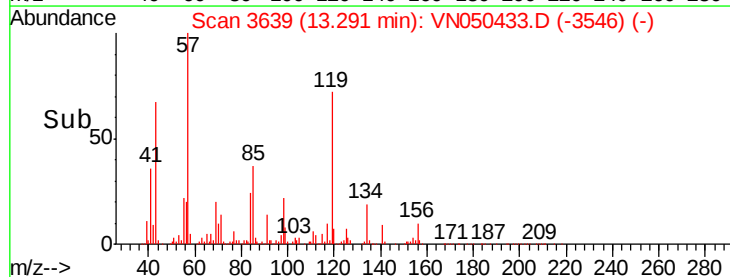
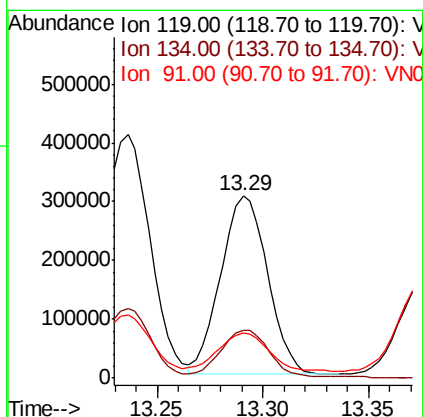
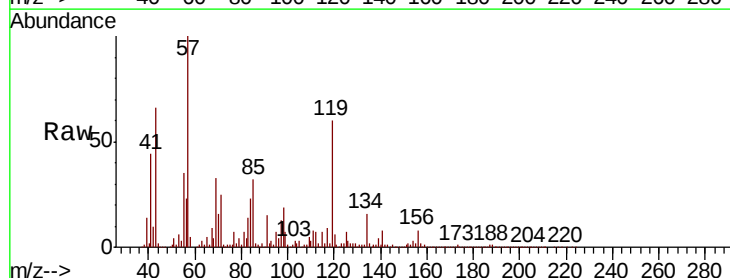
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5ME

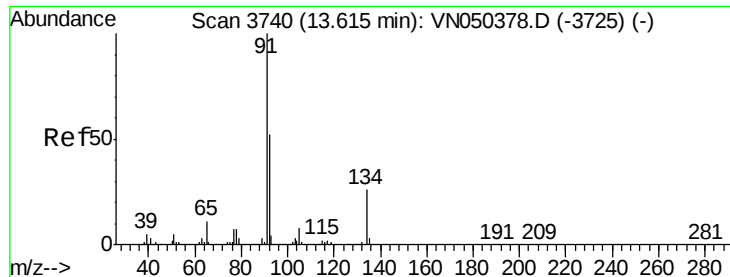
Tot Ion:105 Resp: 425559
 Ion Ratio Lower Upper
 105 100
 134 32.4 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 11.79 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

Tgt Ion:119 Resp: 467216
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.1 11.4 34.2

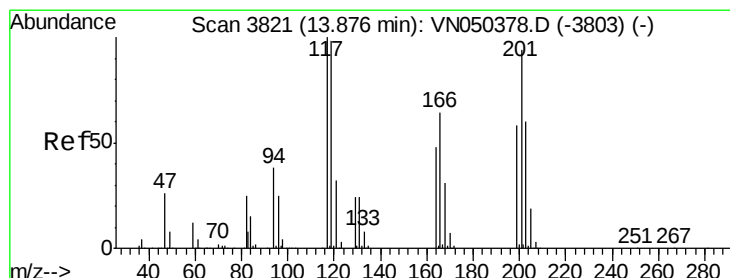
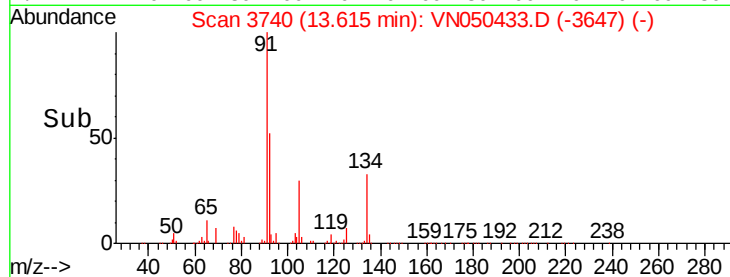
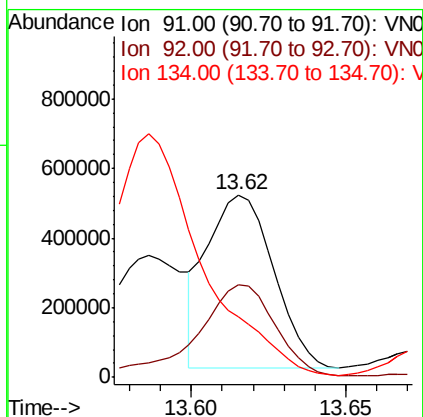
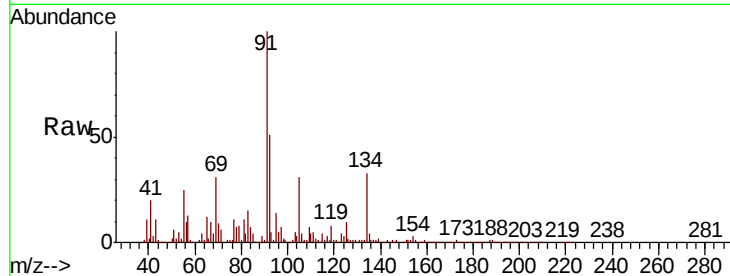




#89
n-Butylbenzene
Concen: 21.93 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

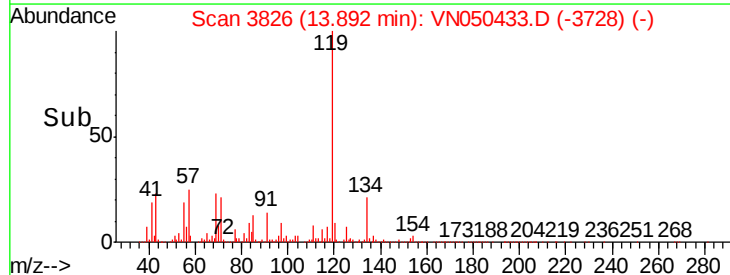
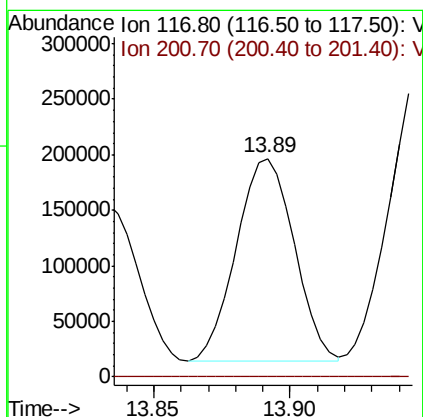
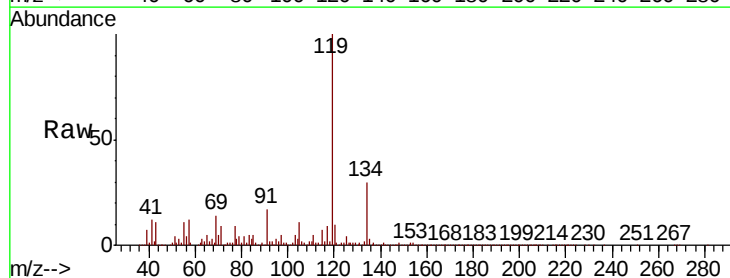
Instrument :
MSVOA_N
ClientSampleId :
TP-5ME

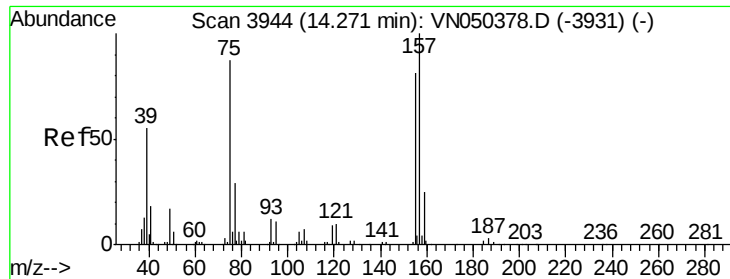
Tot Ion: 91 Resp: 739605
Ion Ratio Lower Upper
91 100
92 62.5 25.8 77.4
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 38.32 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN050433.D
Acq: 7 Aug 2018 15:51

Tgt Ion: 117 Resp: 269971
Ion Ratio Lower Upper
117 100
201 0.1 45.6 136.8#

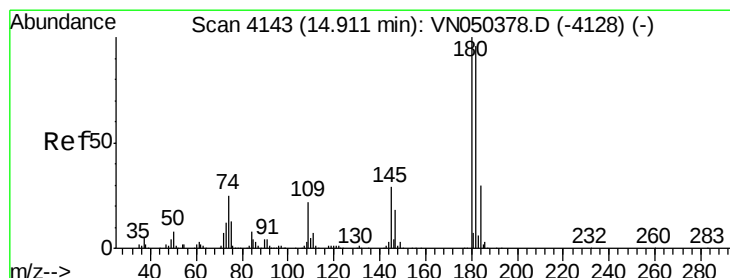
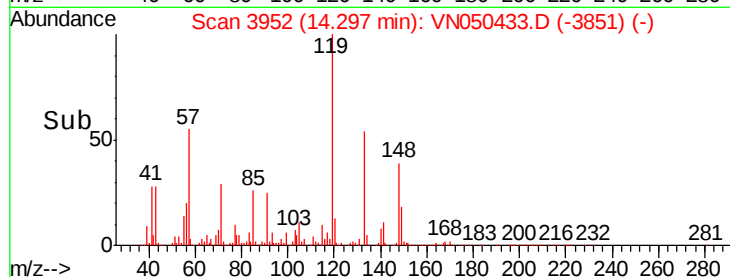
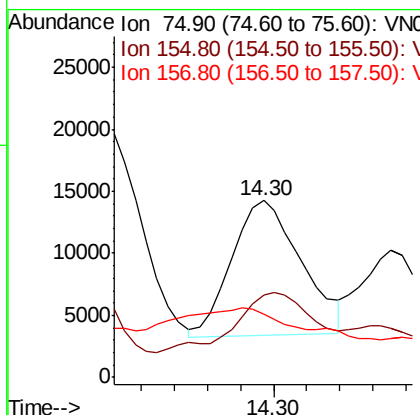
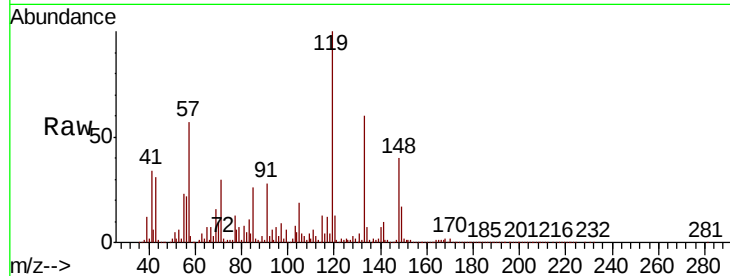




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.58 ug/l
 RT: 14.30 min Scan# 3952
 Delta R.T. 0.03 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

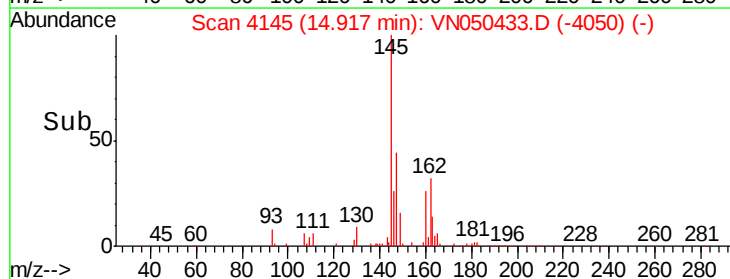
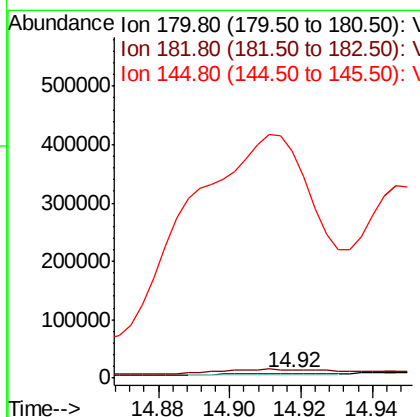
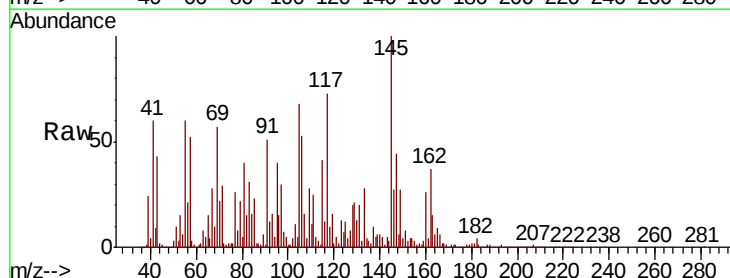
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5ME

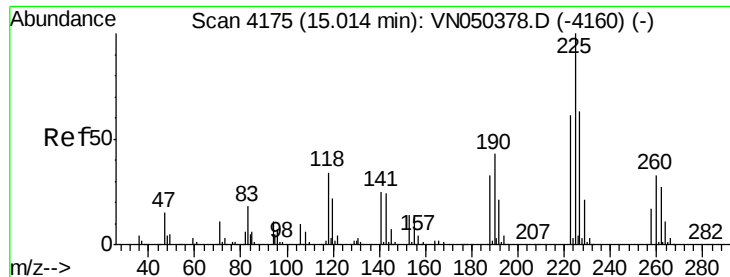
Tot Ion: 75 Resp: 15798
 Ion Ratio Lower Upper
 75 100
 155 48.6 44.8 134.4
 157 45.9 57.2 171.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.41 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.01 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

Tgt Ion: 180 Resp: 4849
 Ion Ratio Lower Upper
 180 100
 182 439.9 46.7 140.1#
 145 22855.8 13.8 41.4#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.03 min Scan# 4180

Delta R.T. 0.02 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

TP-5ME

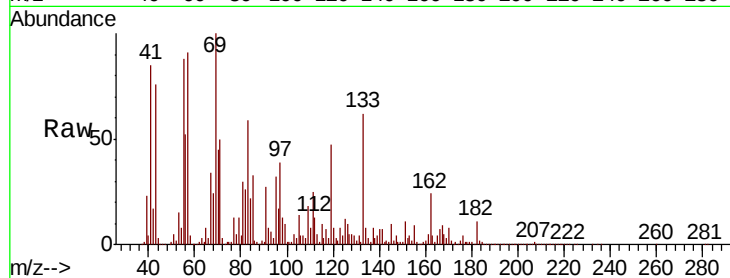
Tot Ion:225 Resp: 29

Ion Ratio Lower Upper

225 100

223 779.3 31.4 94.2#

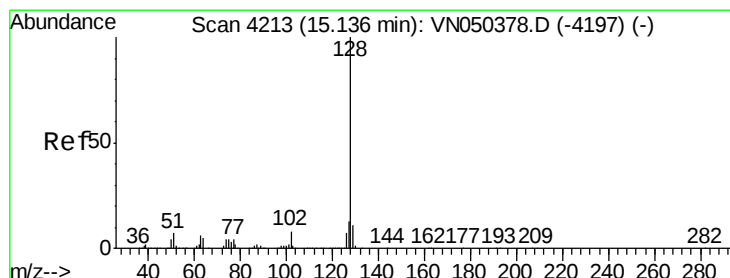
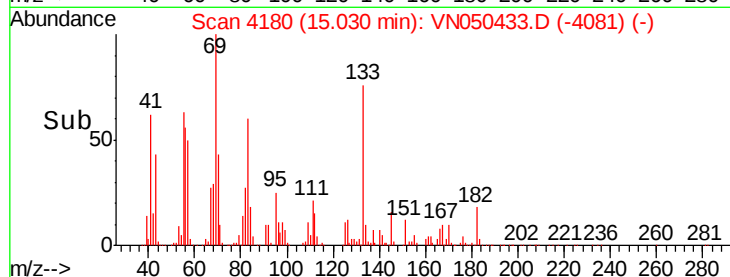
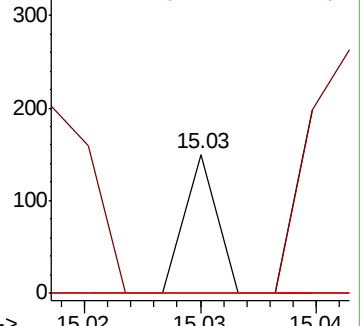
227 0.0 32.1 96.5#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 84.49 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050433.D

Acq: 7 Aug 2018 15:51

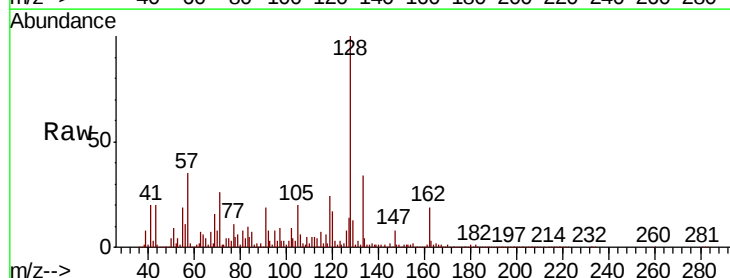
Tgt Ion:128 Resp: 2754318

Ion Ratio Lower Upper

128 100

127 15.2 10.4 15.6

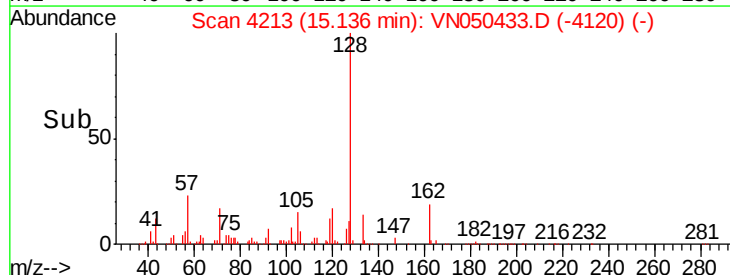
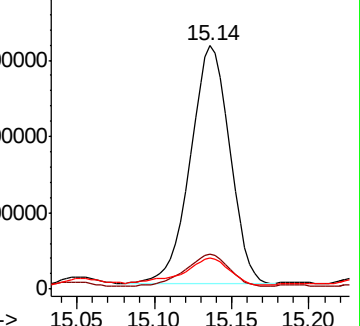
129 13.3 8.8 13.2#

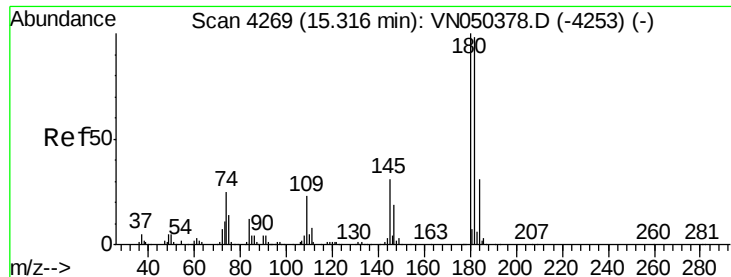


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.69 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. -0.03 min
 Lab File: VN050433.D
 Acq: 7 Aug 2018 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5ME

Tot Ion:180 Resp: 32488
 Ion Ratio Lower Upper
 180 100
 182 25.7 48.1 144.4#
 145 1561.1 15.3 45.9#

