

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050434.D
 Acq On : 7 Aug 2018 16:15
 Operator : MD\SY
 Sample : J4297-08
 Misc : 5.06µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

Quant Time: Aug 08 05:25:04 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	819116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1235197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1084332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	648412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	484605	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
35) Dibromofluoromethane	7.59	113	438519	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
50) Toluene-d8	10.09	98	1757842	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	12.40	95	642608	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
3) Chloromethane	2.05	50	11977	Below Cal		90
5) Bromomethane	2.51	94	14992	2.79 ug/l		100
10) Methyl Iodide	3.93	142	10374	2.51 ug/l		91
11) Tert butyl alcohol	4.73	59	1682	1.91 ug/l #		72
13) Acrolein	3.62	56	293	15.27 ug/l #		70
18) Methyl Acetate	4.34	43	17434	1.87 ug/l		98
20) Methylene Chloride	4.55	84	3621	Below Cal #		81
25) 2-Butanone	6.85	43	2018	0.37 ug/l		97
31) Cyclohexane	7.66	56	17304	0.48 ug/l #		1
36) 1,1-Dichloropropene	7.66	75	52232	3.85 ug/l #		50
38) Carbon Tetrachloride	7.66	117	73608	5.20 ug/l #		17
39) Methylcyclohexane	9.08	83	29497	1.99 ug/l		95
43) Isopropyl Acetate	8.26	43	35621	2.11 ug/l #		62
48) Methyl methacrylate	9.14	41	2063	0.24 ug/l #		32
49) 1,4-Dioxane	9.20	88	30	0.23 ug/l #		1
55) 1,1,2-Trichloroethane	10.53	97	55004	5.62 ug/l #		19
56) Ethyl methacrylate	10.43	69	24952	3.45 ug/l #		1
58) 2-Chloroethyl Vinyl ether	9.71	63	263	7.43 ug/l #		61
59) 2-Hexanone	10.72	43	206422	24.34 ug/l #		28
60) Dibromochloromethane	10.82	129	2799	0.26 ug/l #		45
68) m/p-Xylenes	11.63	106	12462	0.74 ug/l #		66
69) o-Xylene	11.95	106	9142	0.57 ug/l		62
73) Isopropylbenzene	12.25	105	73439	1.51 ug/l #		60
74) N-ethyl acetate	12.05	43	744119	47.16 ug/l #		55
75) 1,1,2,2-Tetrachloroethane	12.47	83	90658	6.46 ug/l #		26
76) 1,2,3-Trichloropropane	12.56	75	71532	6.09 ug/l #		100
77) Bromobenzene	12.57	156	2701087	207.14 ug/l #		1
78) n-propylbenzene	12.66	91	21710	0.39 ug/l		83
79) 2-Chlorotoluene	12.48	91	23325	0.69 ug/l		82
80) 1,3,5-Trimethylbenzene	12.66	105	22041	0.56 ug/l		74
81) trans-1,4-Dichloro-2-buten	12.40	75	265593	79.51 ug/l #		18
82) 4-Chlorotoluene	12.72	91	36644	1.08 ug/l #		12
83) tert-Butylbenzene	12.99	119	41054	1.19 ug/l		72
84) 1,2,4-Trimethylbenzene	13.04	105	21656	0.54 ug/l		92

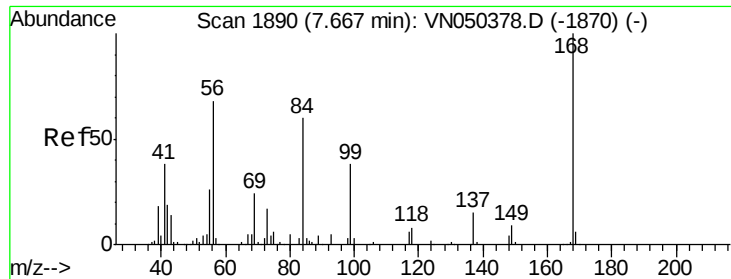
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080718\
 Data File : VN050434.D
 Acq On : 7 Aug 2018 16:15
 Operator : MD\SY
 Sample : J4297-08
 Misc : 5.06g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

Quant Time: Aug 08 05:25:04 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)
85) sec-Butylbenzene	13.17	105	83664	1.82	ug/l #	73
86) p-Isopropyltoluene	13.44	119	166263	4.22	ug/l	91
89) n-Butylbenzene	13.61	91	42371	1.26	ug/l #	66
90) Hexachloroethane	13.89	117	56021	8.00	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.30	75	7414	3.11	ug/l	59
93) 1,2,4-Trichlorobenzene	14.91	180	9853	0.83	ug/l #	1
94) Hexachlorobutadiene	14.91	225	74	Below Cal	#	1
95) Naphthalene	15.11	128	121009	7.20	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.29	180	62539	5.22	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: VN050434.D

Acq: 7 Aug 2018 16:15

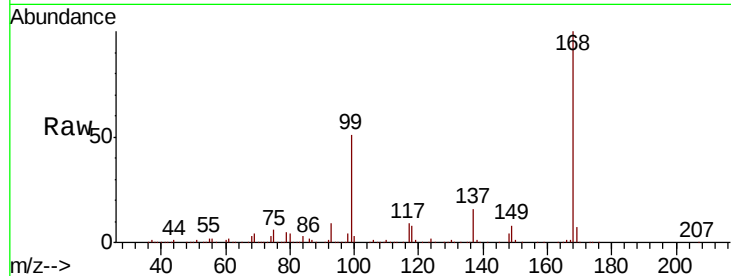
Instrument :
MSVOA_N
ClientSampled :
TP-8

Tot Ion:168 Resp: 819116

Ion Ratio Lower Upper

168 100

99 50.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

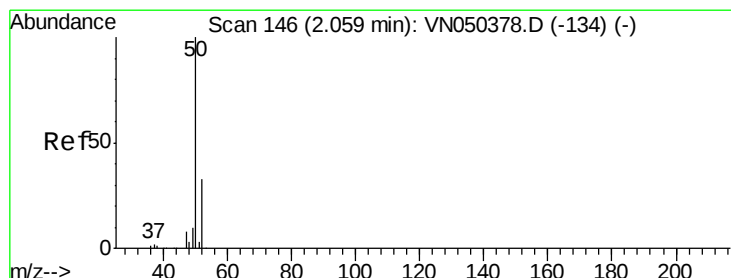
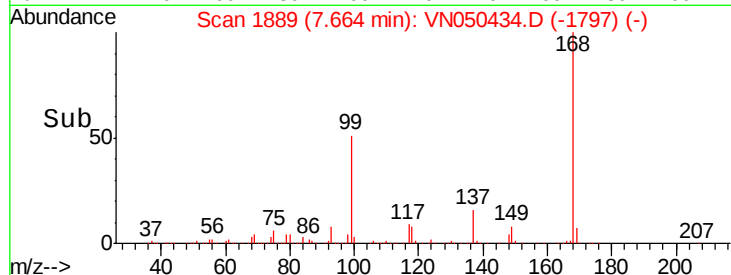
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.05 min Scan# 144

Delta R.T. -0.01 min

Lab File: VN050434.D

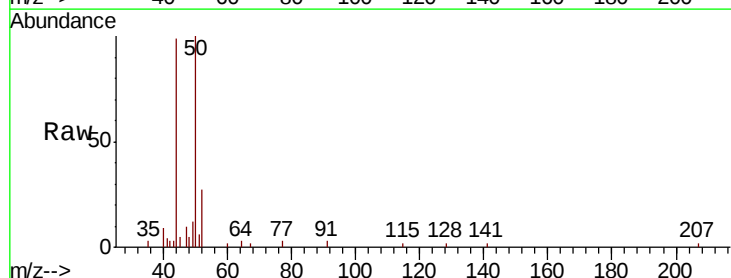
Acq: 7 Aug 2018 16:15

Tgt Ion: 50 Resp: 11977

Ion Ratio Lower Upper

50 100

52 26.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.05

8000

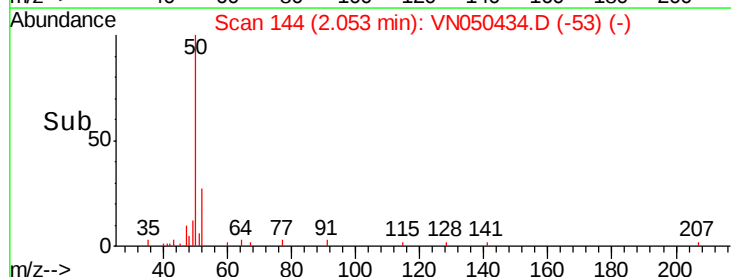
6000

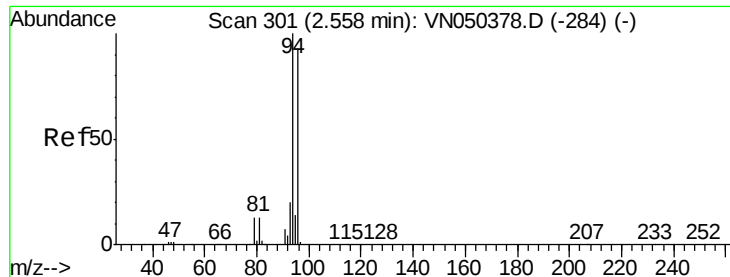
4000

2000

0

Time-->





#5

Bromomethane

Concen: 2.79 ug/l

RT: 2.51 min Scan# 286

Delta R.T. -0.05 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

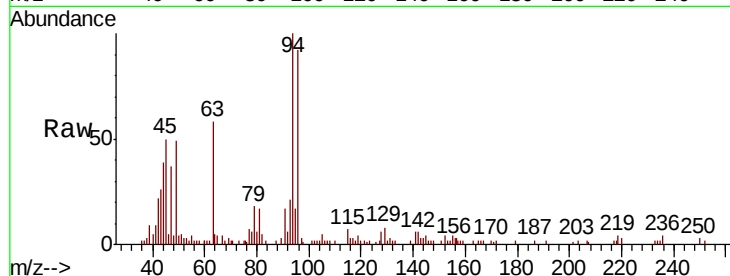
TP-8

Tot Ion: 94 Resp: 14992

Ion Ratio Lower Upper

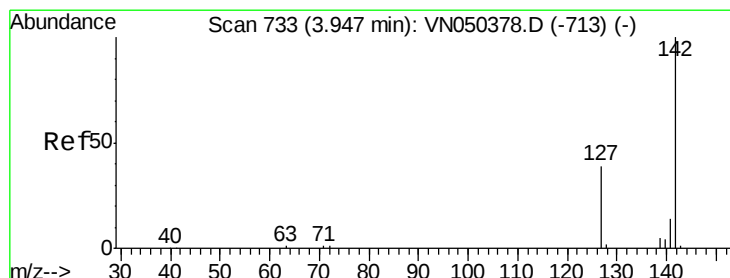
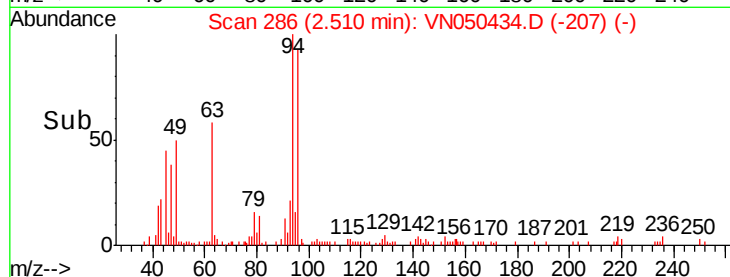
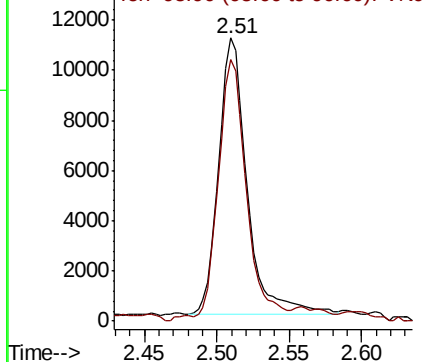
94 100

96 92.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 2.51 ug/l

RT: 3.93 min Scan# 729

Delta R.T. -0.01 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

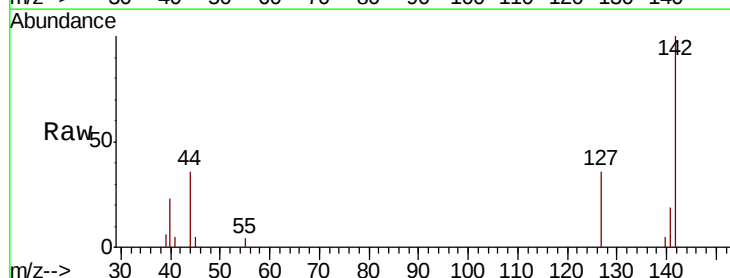
Tgt Ion: 142 Resp: 10374

Ion Ratio Lower Upper

142 100

127 34.4 33.4 50.2

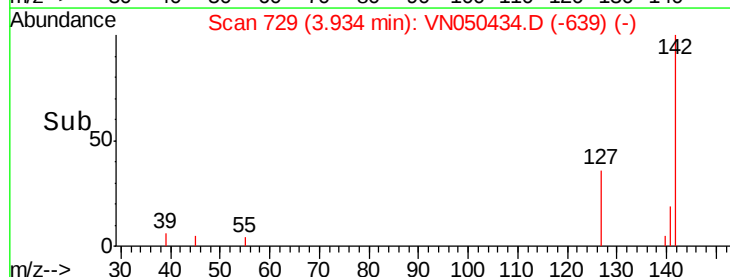
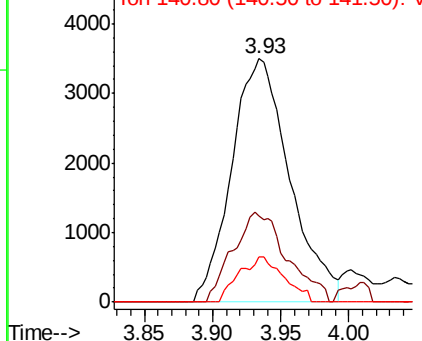
141 14.3 11.6 17.4

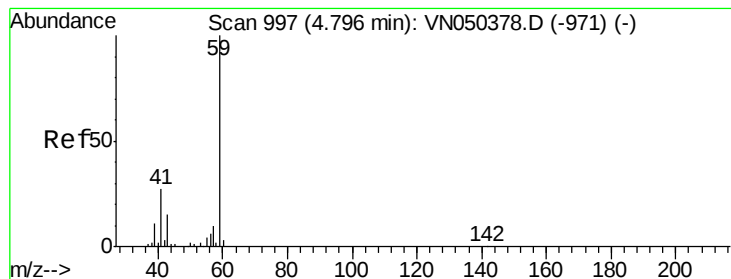


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



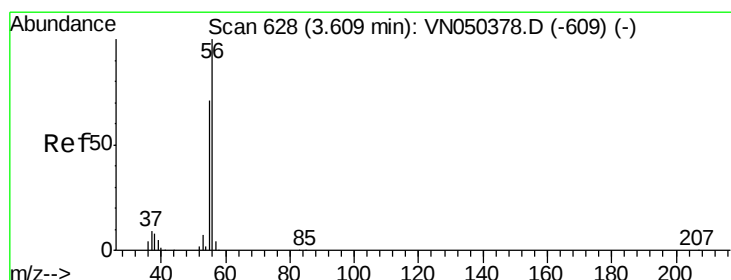
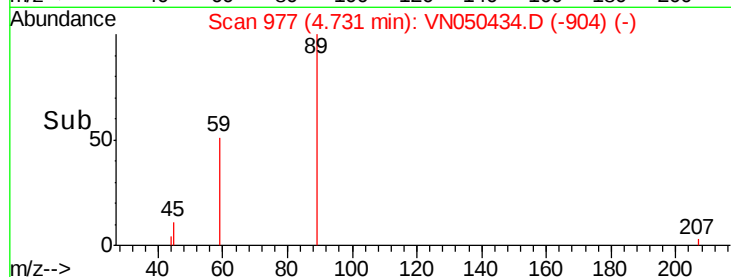
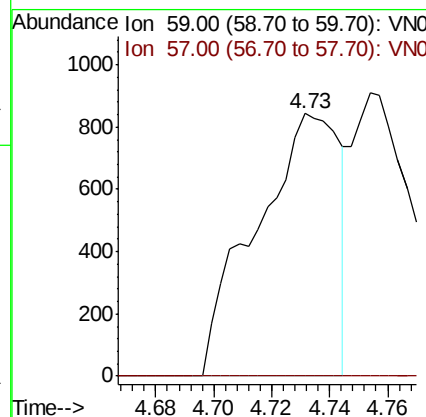
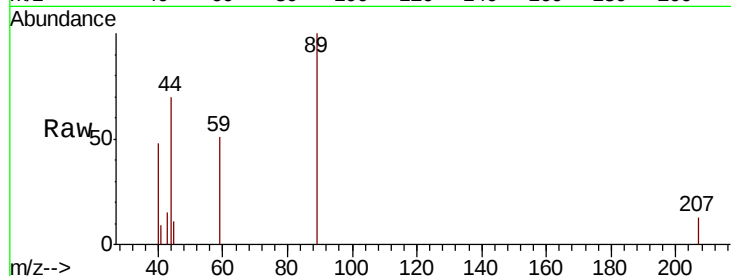


#11

Tert butyl alcohol
 Concen: 1.91 ug/l
 RT: 4.73 min Scan# 977
 Delta R.T. -0.06 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

Instrument :
 MSVOA_N
 ClientSampled :
 TP-8

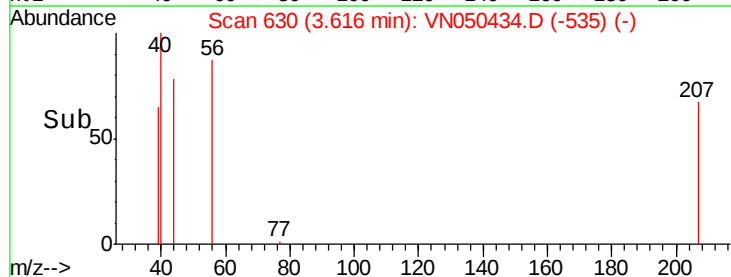
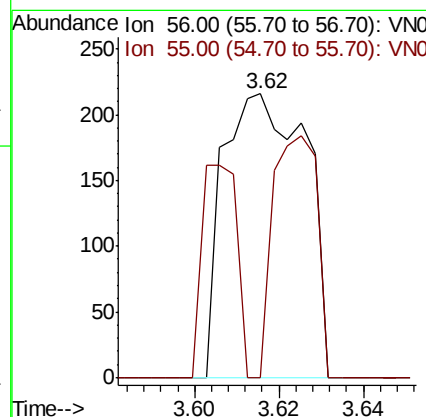
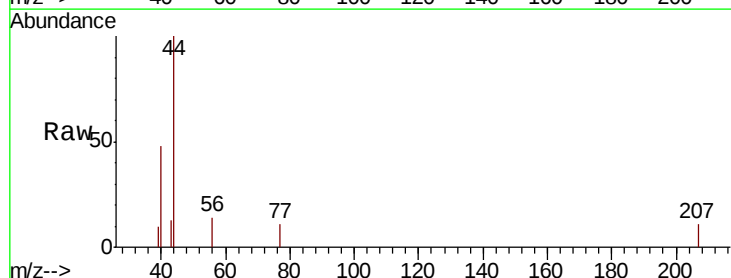
Tot Ion: 59 Resp: 1682
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

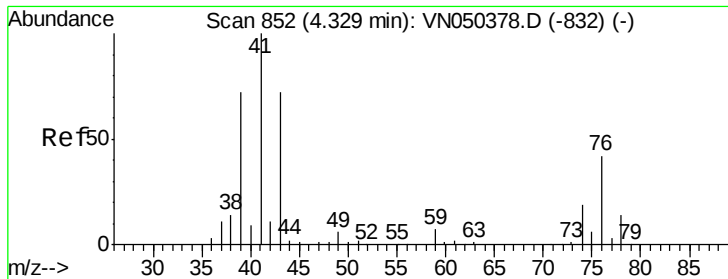


#13

Acrolein
 Concen: 15.27 ug/l
 RT: 3.62 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

Tgt Ion: 56 Resp: 293
 Ion Ratio Lower Upper
 56 100
 55 45.1 55.8 83.6#

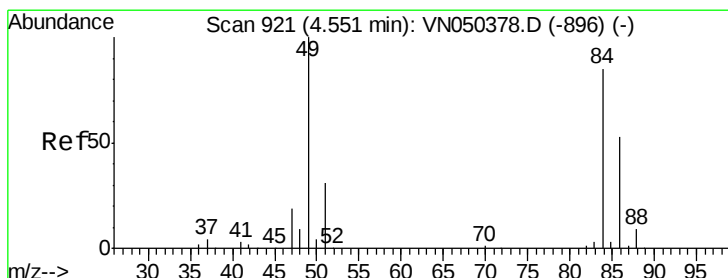
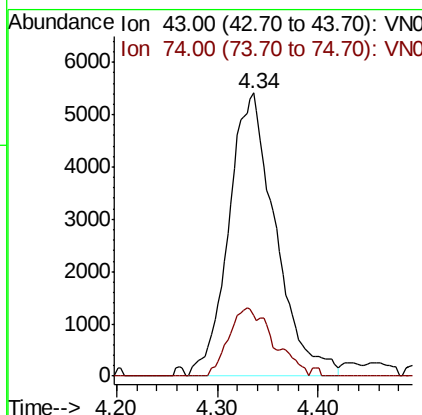
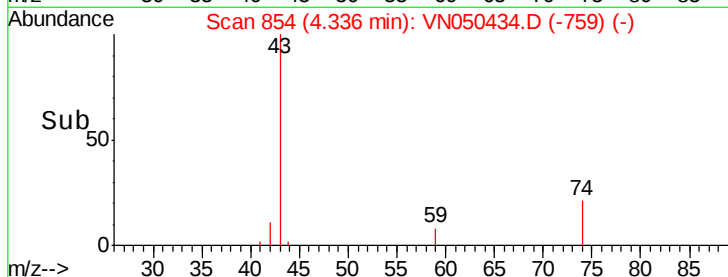
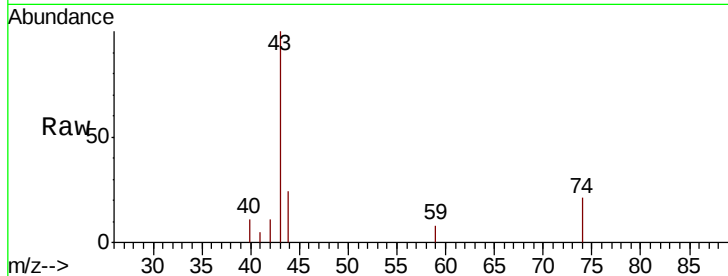




#18
Methyl Acetate
Concen: 1.87 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

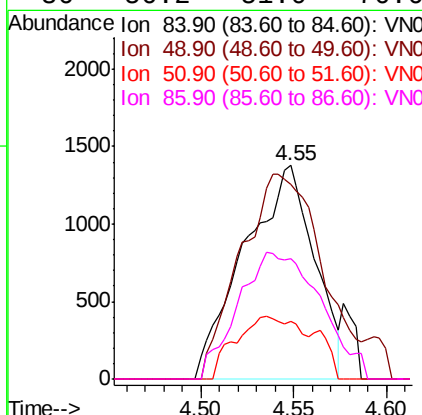
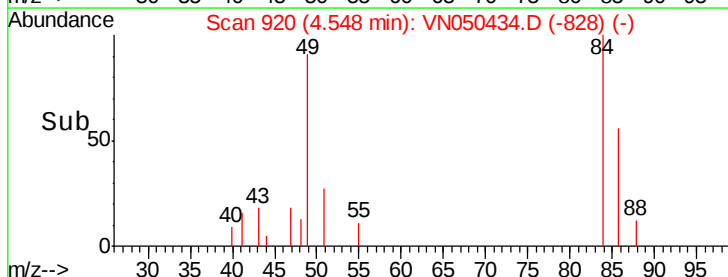
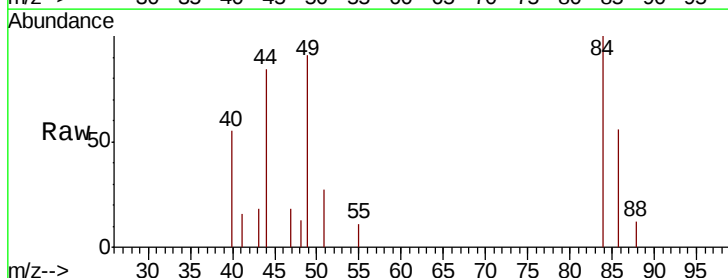
Instrument :
MSVOA_N
ClientSampled :
TP-8

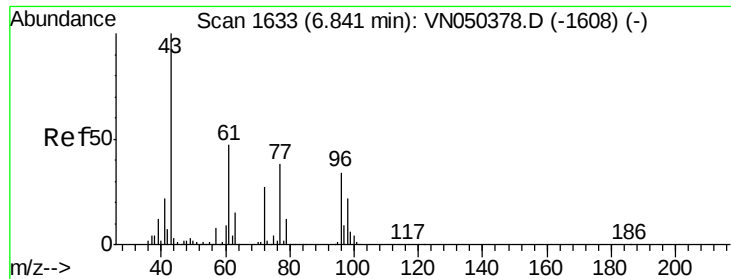
Tot Ion: 43 Resp: 17434
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

Tgt Ion: 84 Resp: 3621
Ion Ratio Lower Upper
84 100
49 90.9 94.8 142.2#
51 27.1 28.3 42.5#
86 56.2 51.0 76.6

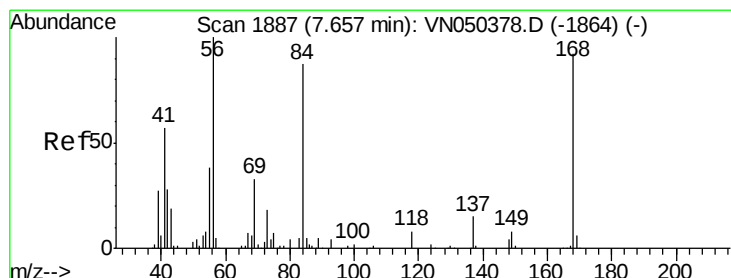
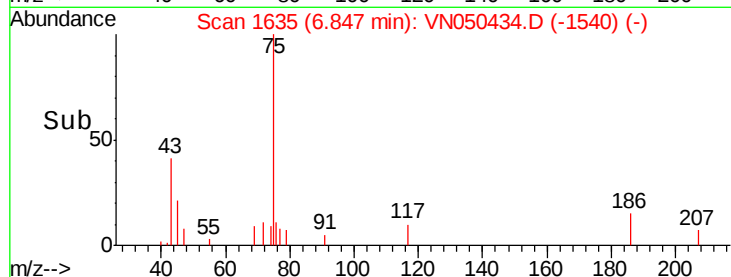
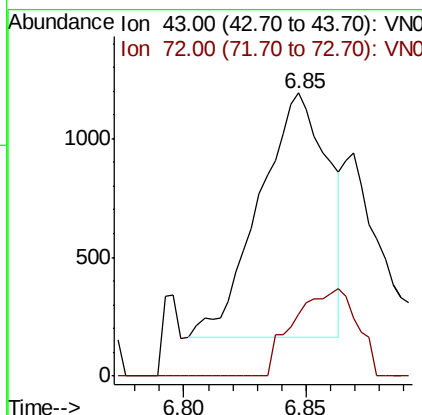
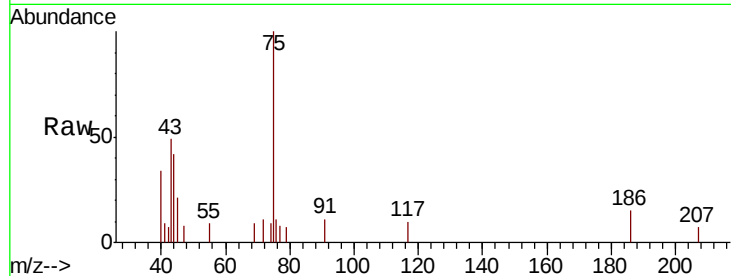




#25
2-Butanone
Concen: 0.37 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

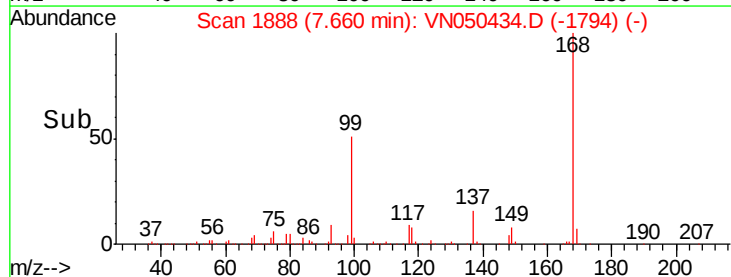
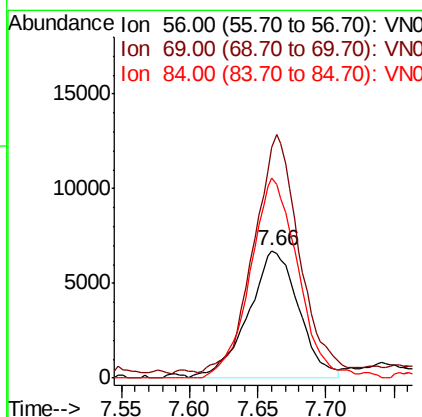
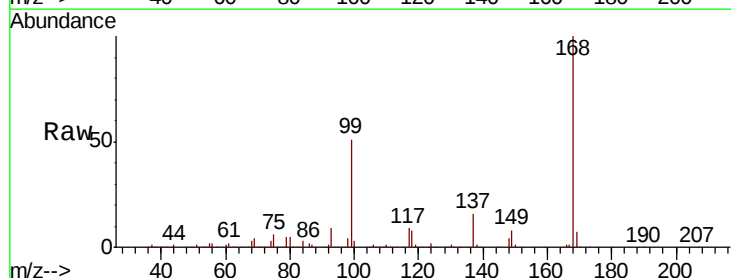
Instrument :
MSVOA_N
ClientSampled :
TP-8

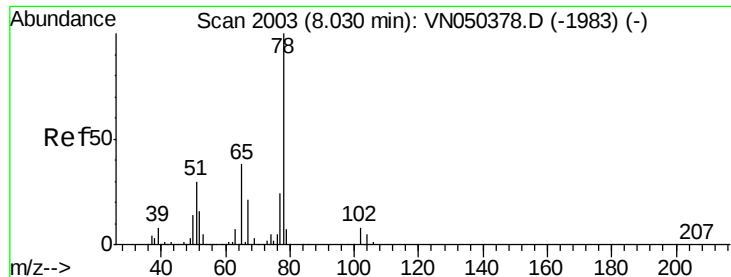
Tot Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
72 25.3 21.5 32.3



#31
Cyclohexane
Concen: 0.48 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

Tgt Ion: 56 Resp: 17304
Ion Ratio Lower Upper
56 100
69 175.9 26.2 39.4#
84 156.8 67.4 101.0#

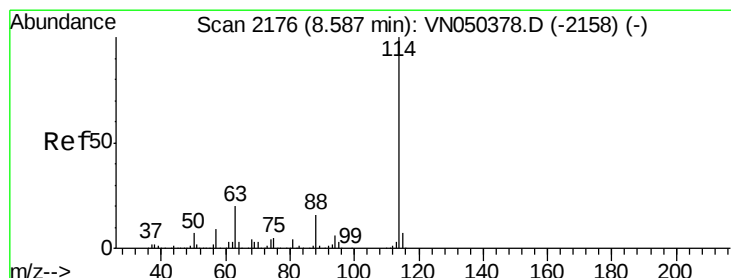
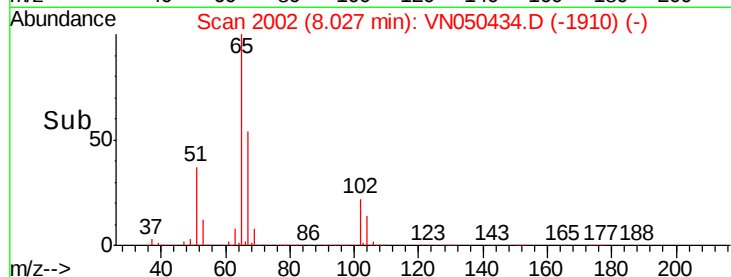
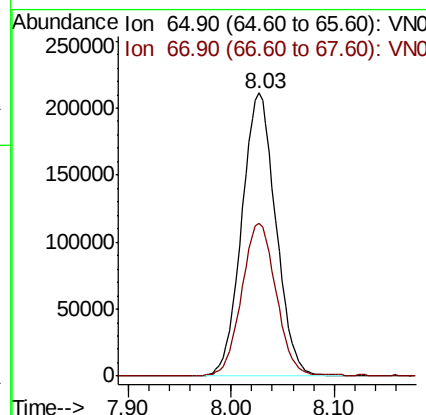
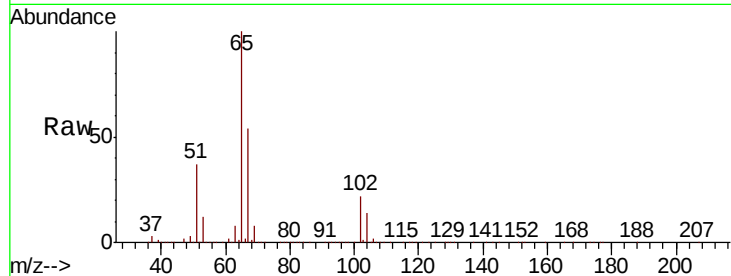




#33
 1,2-Dichloroethane-d4
 Concen: 44.28 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

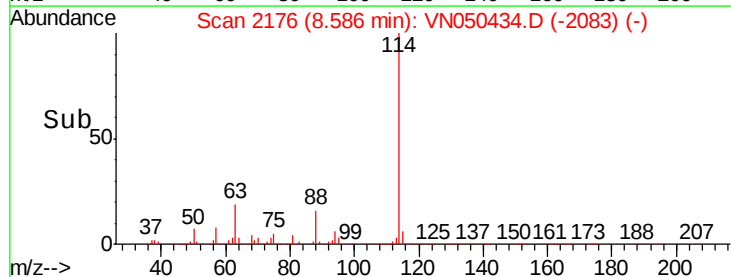
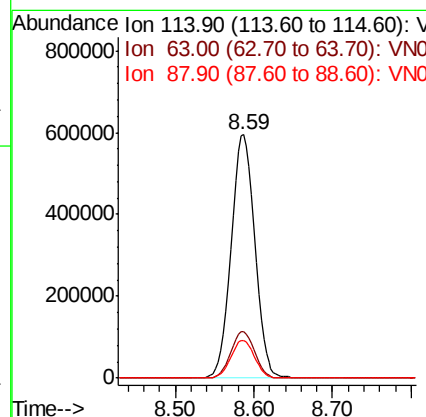
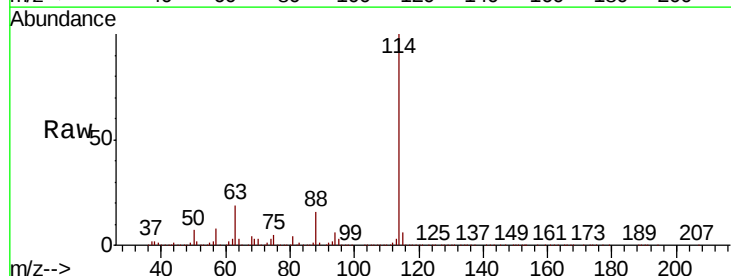
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

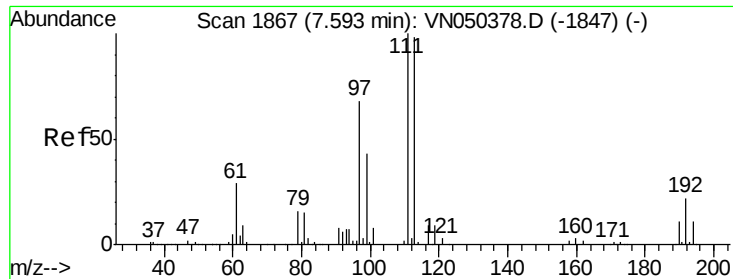
Tot Ion: 65 Resp: 484605
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

Tgt Ion: 114 Resp: 1235197
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 15.5 0.0 31.2

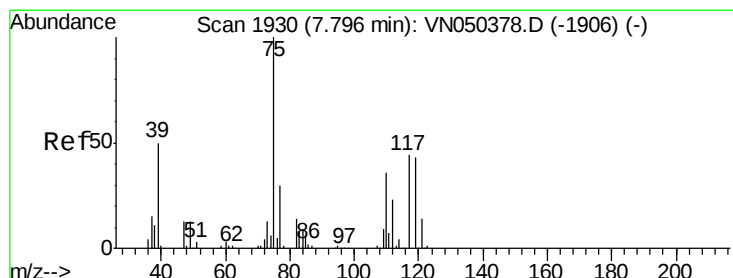
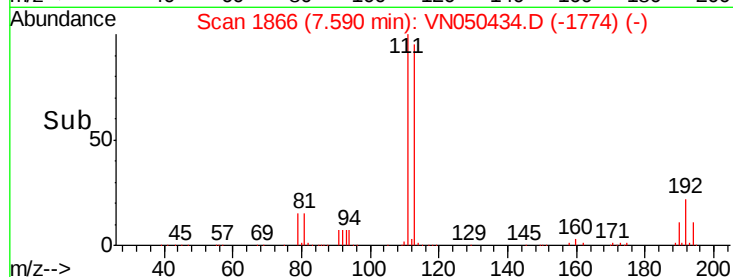
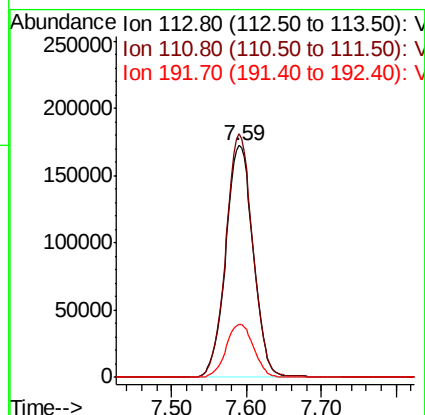
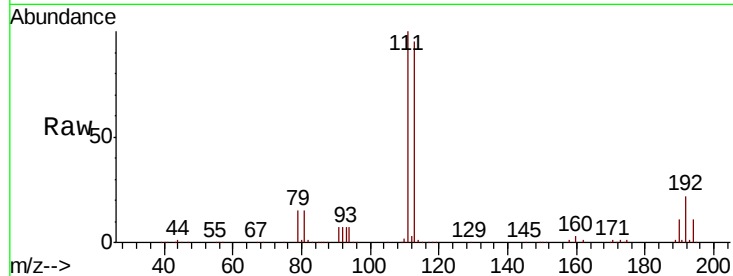




#35
 Dibromofluoromethane
 Concen: 44.25 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

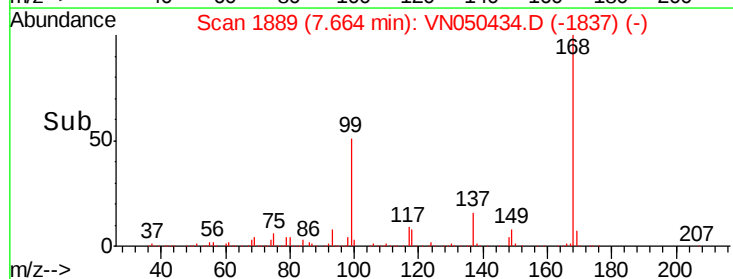
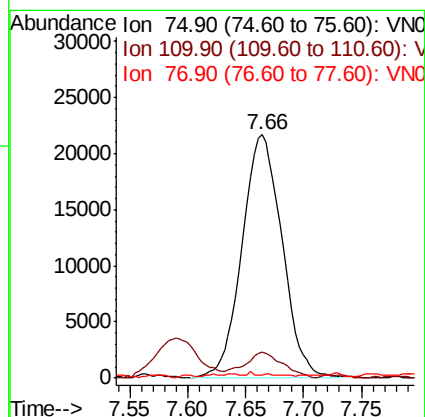
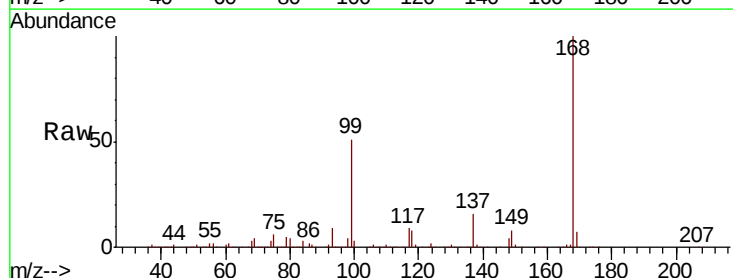
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

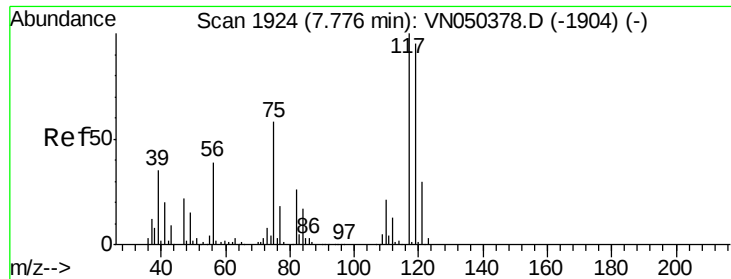
Tot Ion:113 Resp: 438519
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 22.9 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.85 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

Tgt Ion: 75 Resp: 52232
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.4 55.2#
 77 0.2 25.3 37.9#

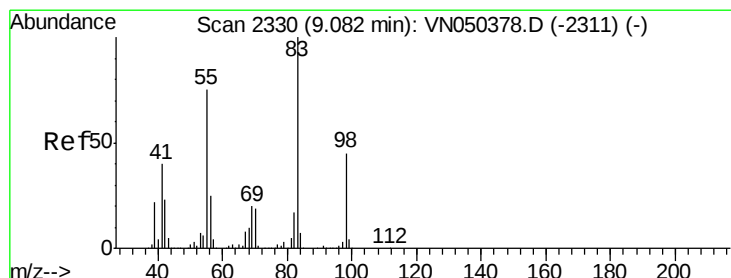
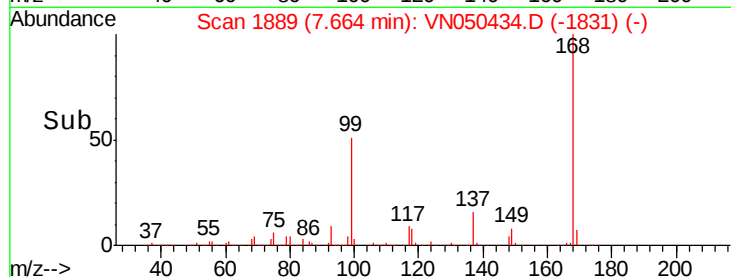
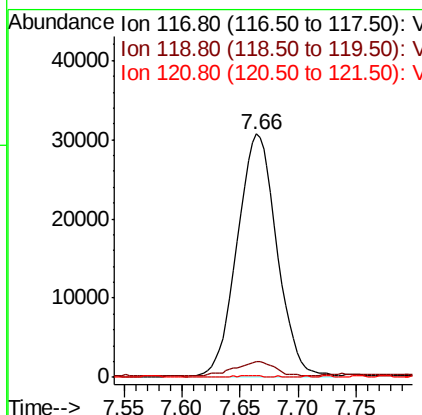
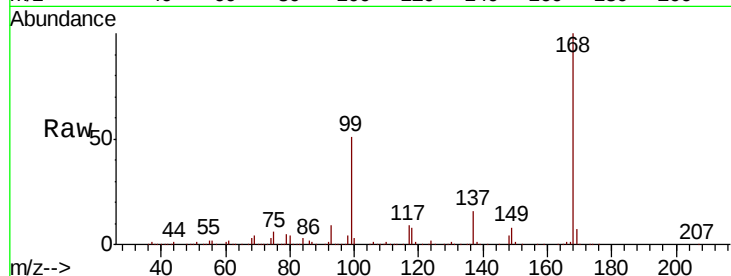




#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.11 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

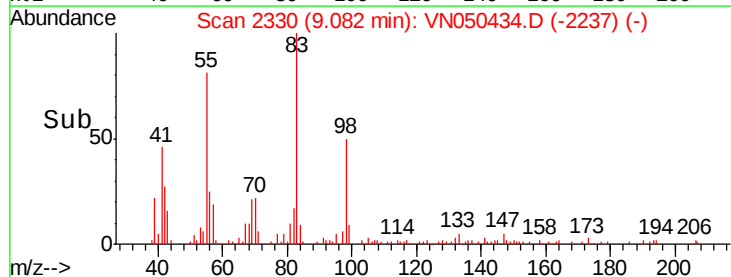
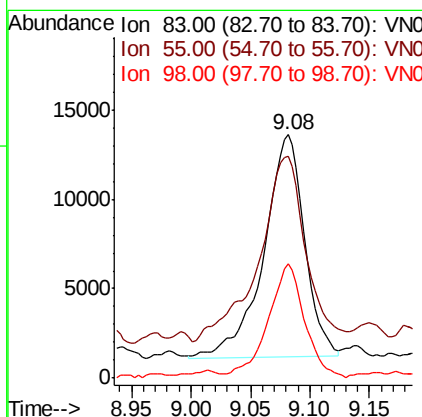
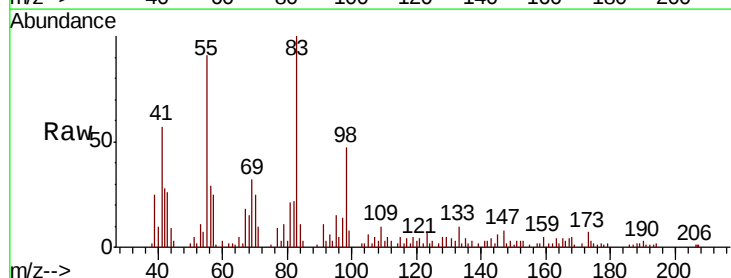
Instrument :
MSVOA_N
ClientSampled :
TP-8

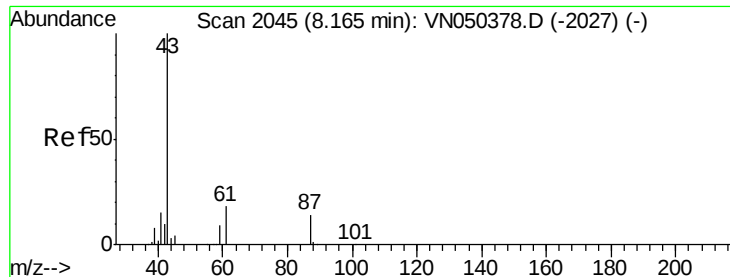
Tot Ion:117 Resp: 73608
Ion Ratio Lower Upper
117 100
119 5.9 77.4 116.0#
121 0.6 23.9 35.9#



#39
Methylcyclohexane
Concen: 1.99 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

Tgt Ion: 83 Resp: 29497
Ion Ratio Lower Upper
83 100
55 81.6 61.8 92.8
98 49.8 36.5 54.7





#43

Isopropyl Acetate

Concen: 2.11 ug/l

RT: 8.26 min Scan# 2075

Delta R.T. 0.10 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

TP-8

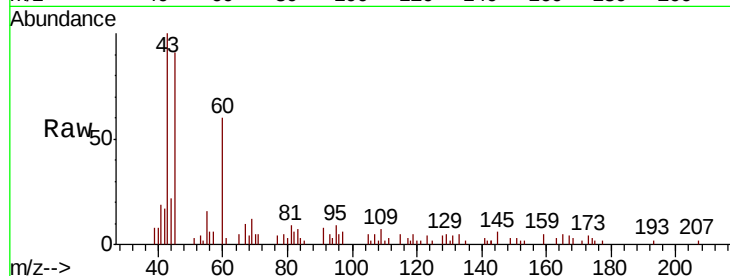
Tot Ion: 43 Resp: 35621

Ion Ratio Lower Upper

43 100

61 1.0 15.8 23.6#

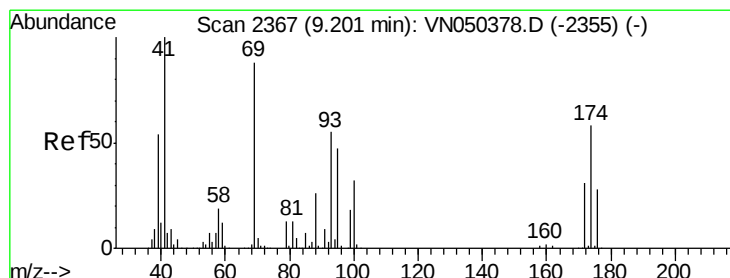
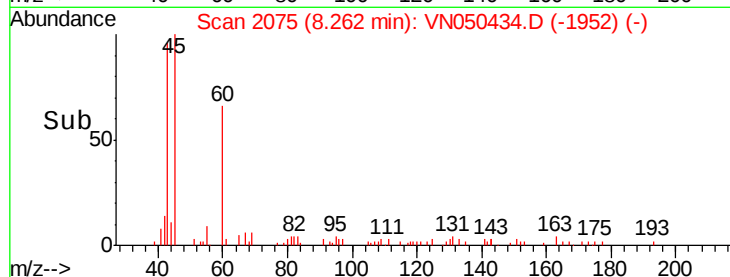
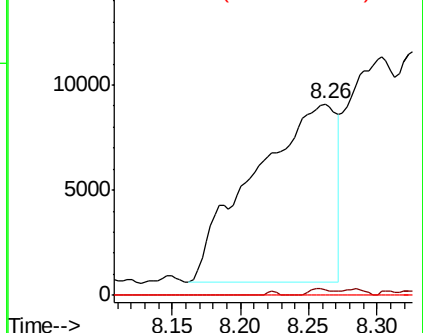
87 0.0 10.3 15.5#



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



#48

Methyl methacrylate

Concen: 0.24 ug/l

RT: 9.14 min Scan# 2348

Delta R.T. -0.06 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

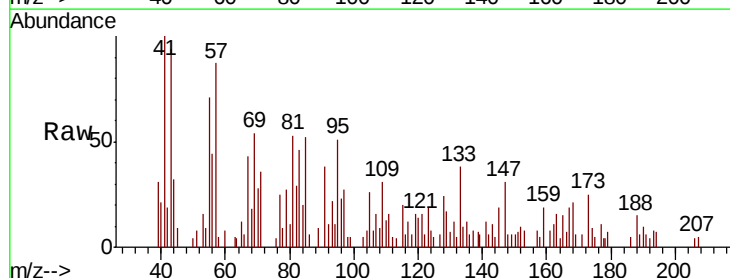
Tgt Ion: 41 Resp: 2063

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

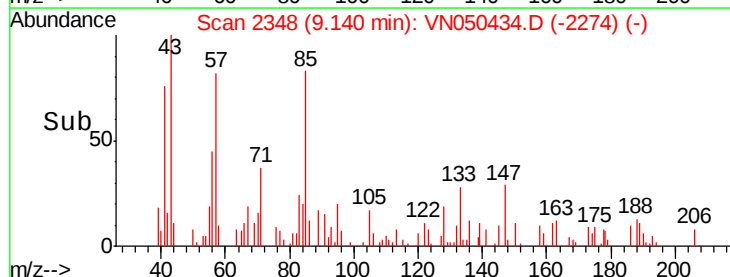
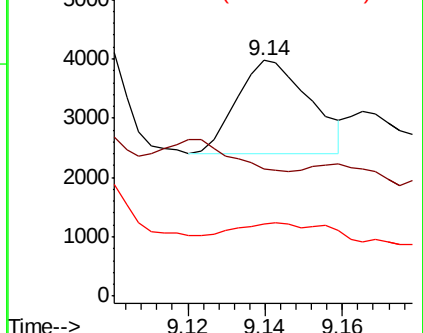
39 36.5 43.9 65.9#

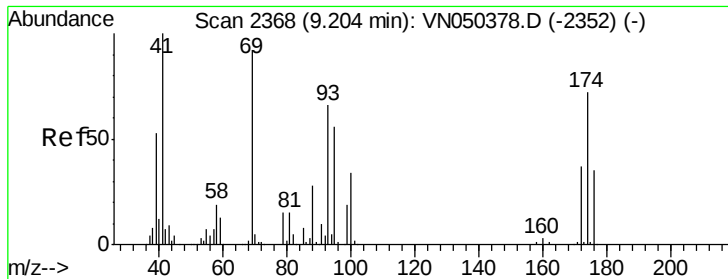


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 0.23 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampled :
TP-8

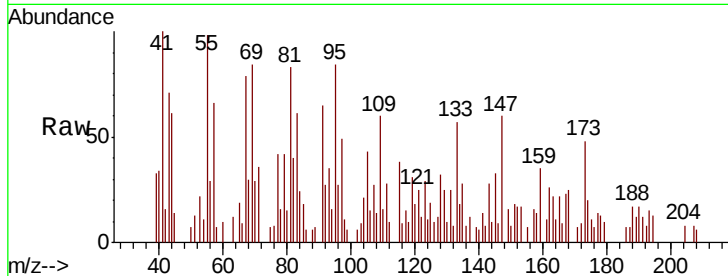
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

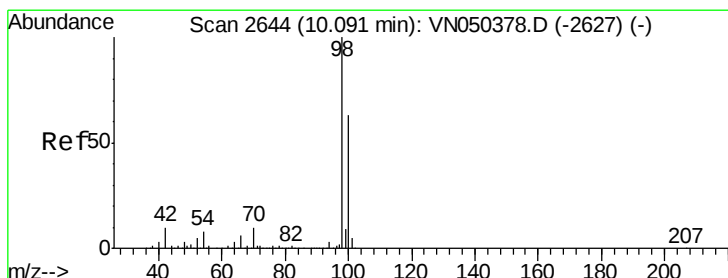
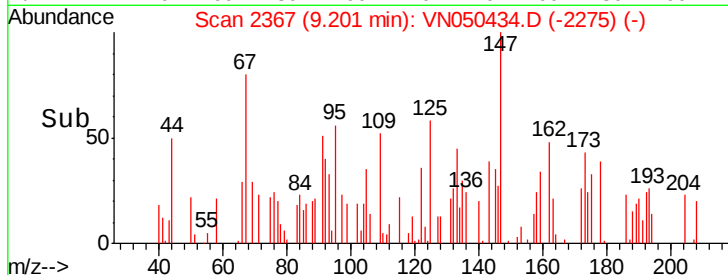
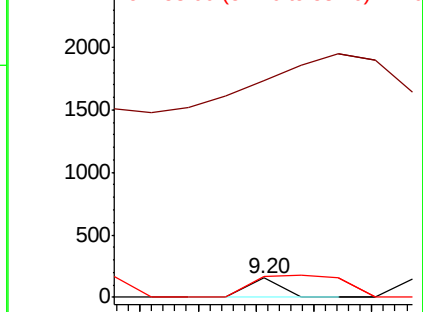
88 100

43 1560.0 26.9 40.3#

58 323.3 57.3 85.9#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.17 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050434.D

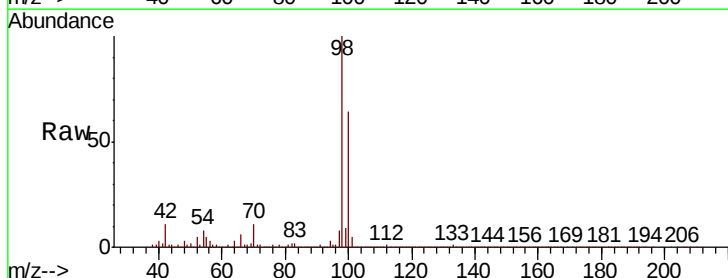
Acq: 7 Aug 2018 16:15

Tgt Ion: 98 Resp: 1757842

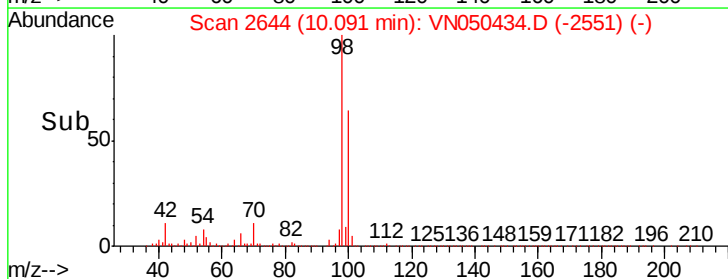
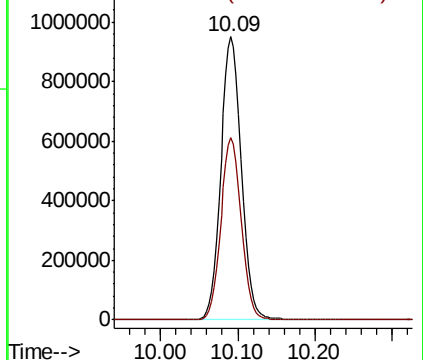
Ion Ratio Lower Upper

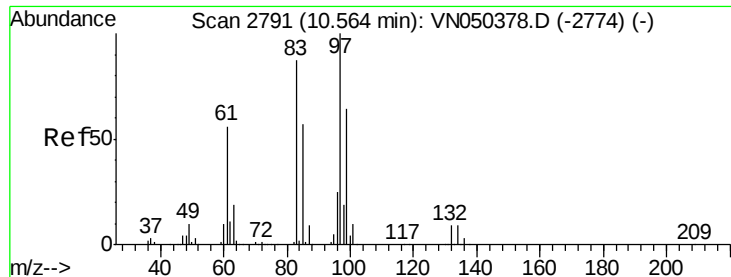
98 100

100 64.1 50.7 76.1



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





#55

1,1,2-Trichloroethane

Concen: 5.62 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

TP-8

Tot Ion: 97 Resp: 55004

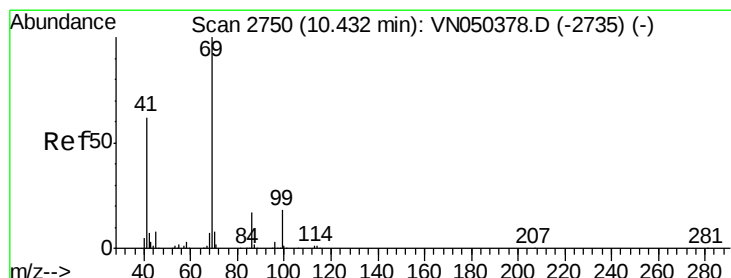
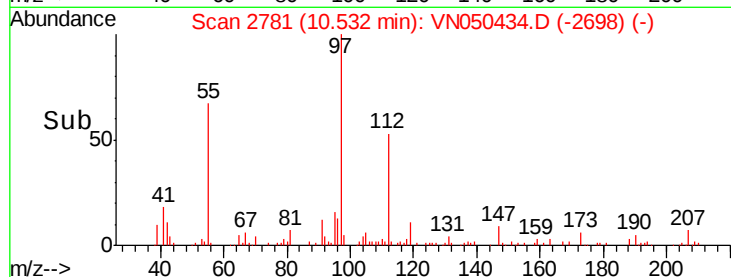
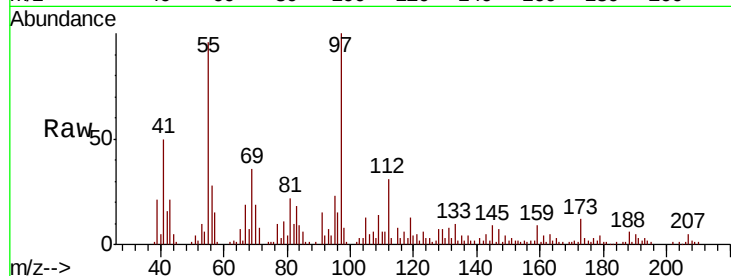
Ion Ratio Lower Upper

97 100

83 4.8 69.2 103.8#

85 3.0 44.0 66.0#

99 0.7 49.9 74.9#



#56

Ethyl methacrylate

Concen: 3.45 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

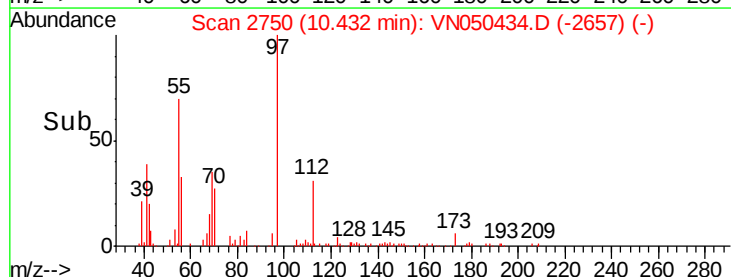
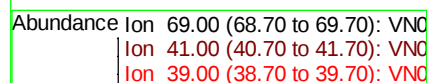
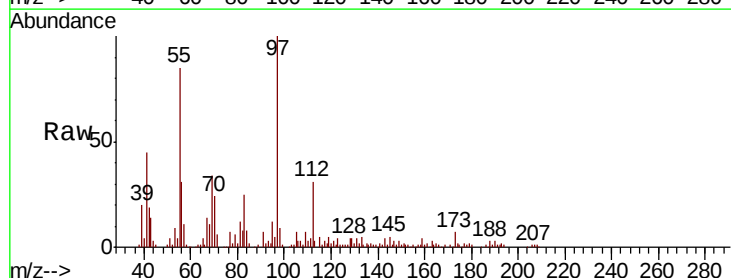
Tgt Ion: 69 Resp: 24952

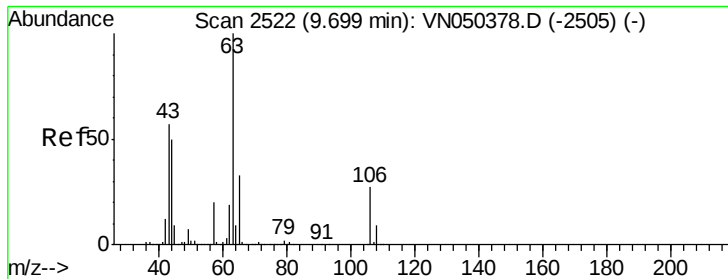
Ion Ratio Lower Upper

69 100

41 154.3 51.0 76.4#

39 86.5 26.6 40.0#





#58

2-Chloroethyl Vinyl ether

Concen: 7.43 ug/l

RT: 9.71 min Scan# 2526

Delta R.T. 0.01 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

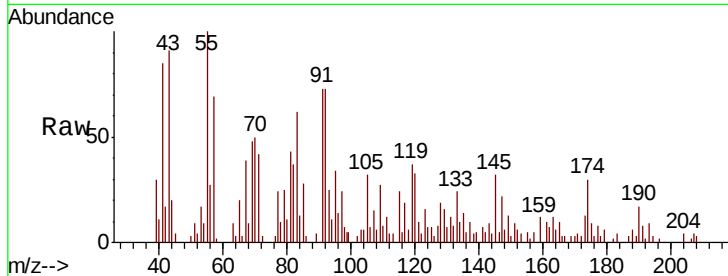
TP-8

Tot Ion: 63 Resp: 263

Ion Ratio Lower Upper

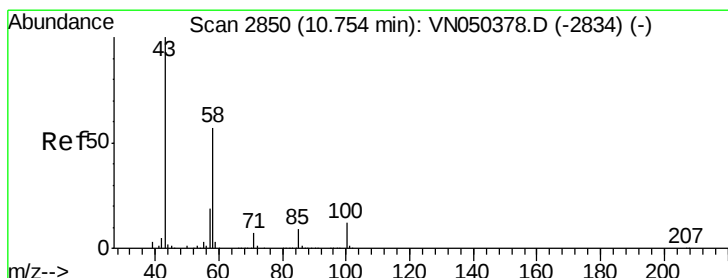
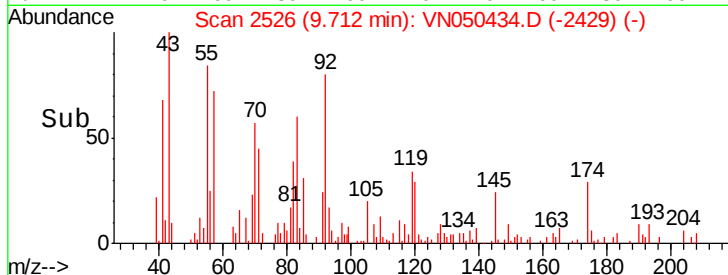
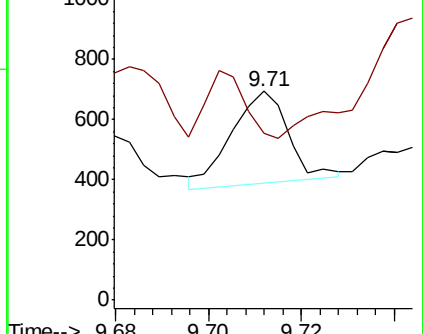
63 100

106 47.1 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 24.34 ug/l

RT: 10.72 min Scan# 2839

Delta R.T. -0.04 min

Lab File: VN050434.D

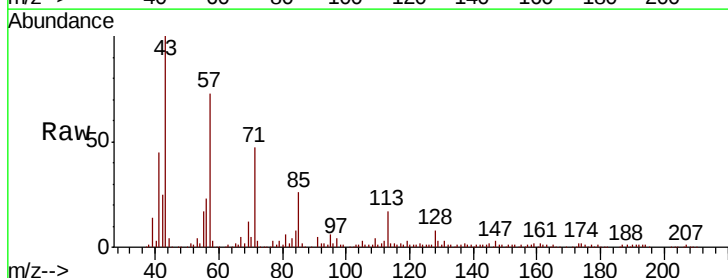
Acq: 7 Aug 2018 16:15

Tgt Ion: 43 Resp: 206422

Ion Ratio Lower Upper

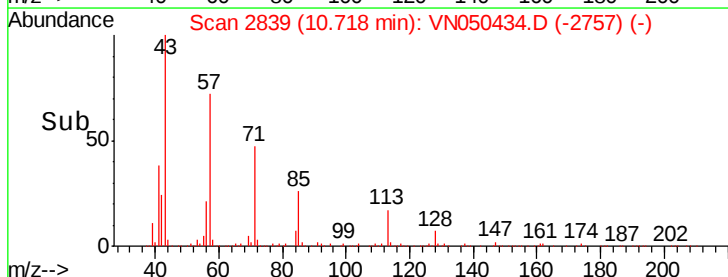
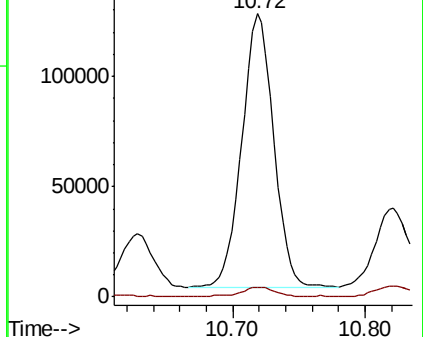
43 100

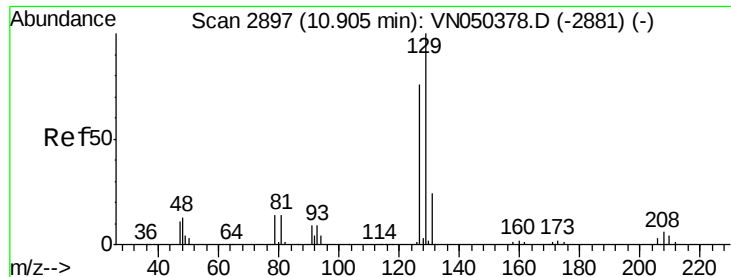
58 3.3 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 0.26 ug/l

RT: 10.82 min Scan# 2872

Delta R.T. -0.08 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

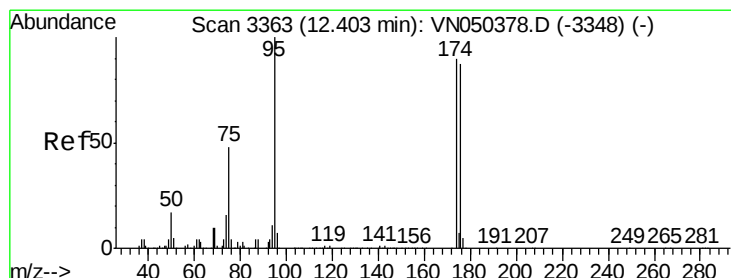
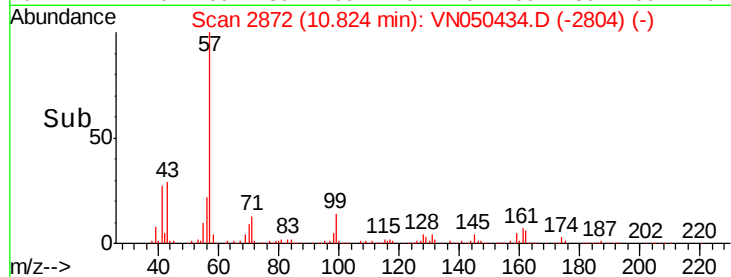
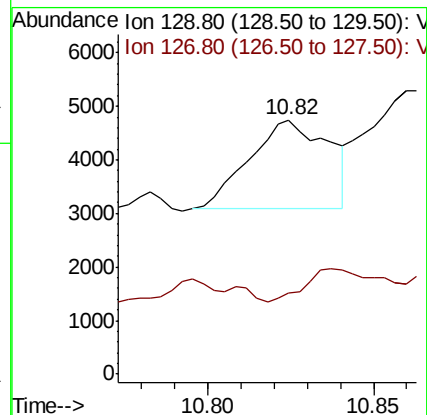
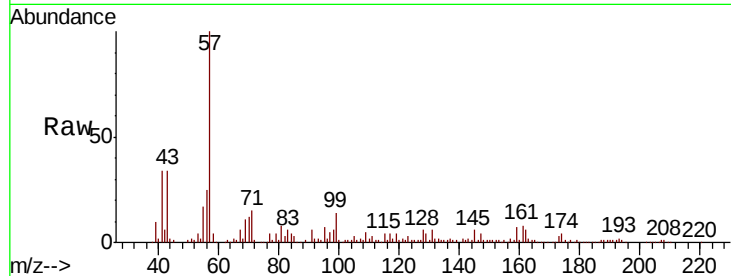
TP-8

Tot Ion:129 Resp: 2799

Ion Ratio Lower Upper

129 100

127 28.8 38.0 113.9#



#62

4-Bromofluorobenzene

Concen: 50.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

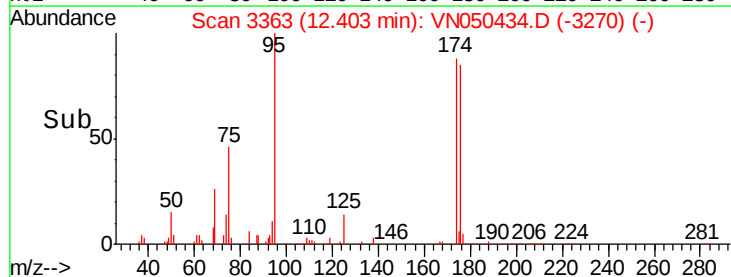
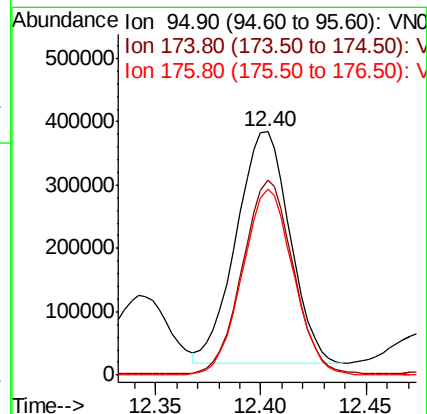
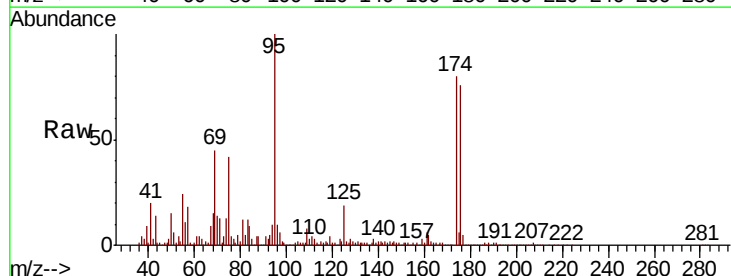
Tgt Ion: 95 Resp: 642608

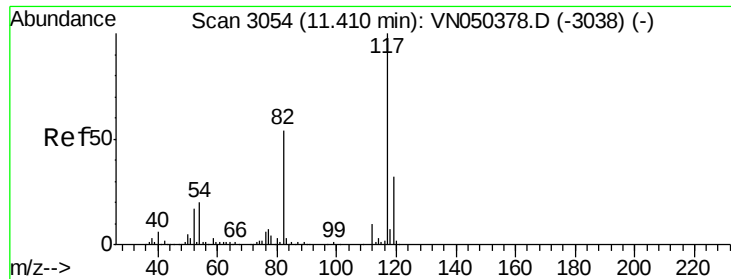
Ion Ratio Lower Upper

95 100

174 78.9 0.0 178.2

176 76.5 0.0 173.4

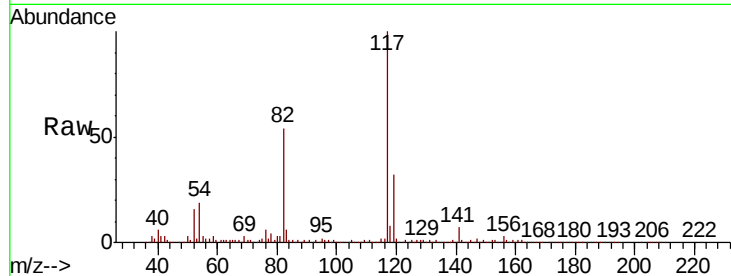




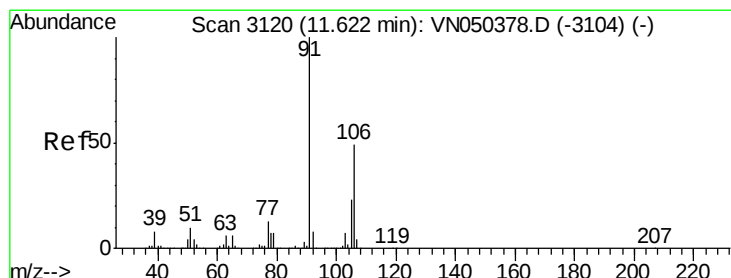
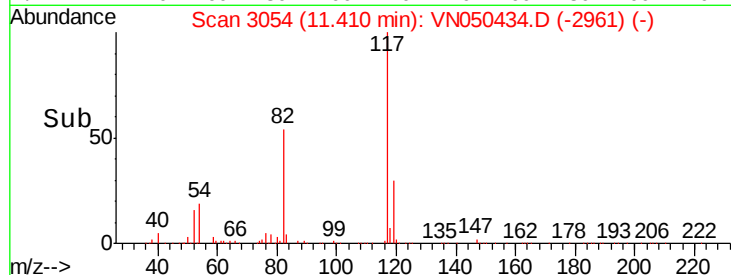
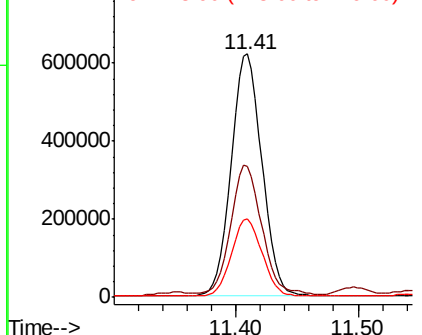
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampled :
TP-8

Tot Ion:117 Resp: 1084332
Ion Ratio Lower Upper
117 100
82 52.2 43.7 65.5
119 31.7 26.1 39.1

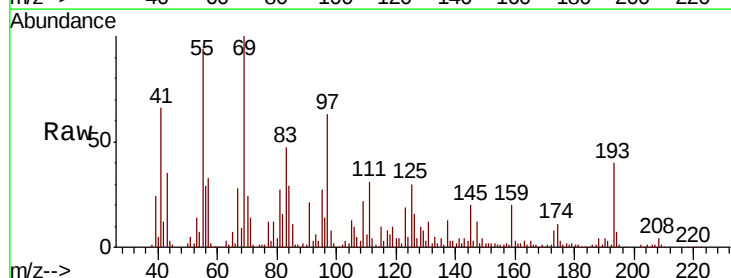


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

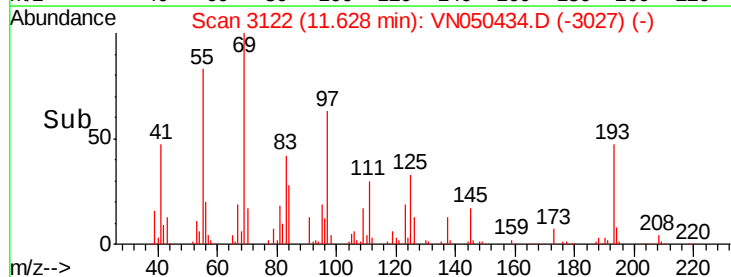
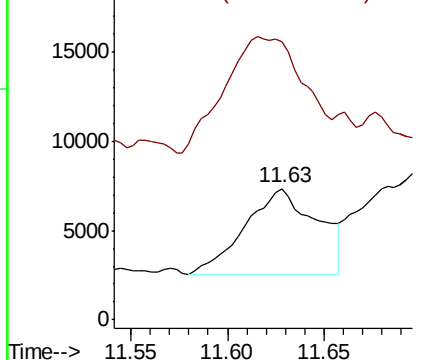


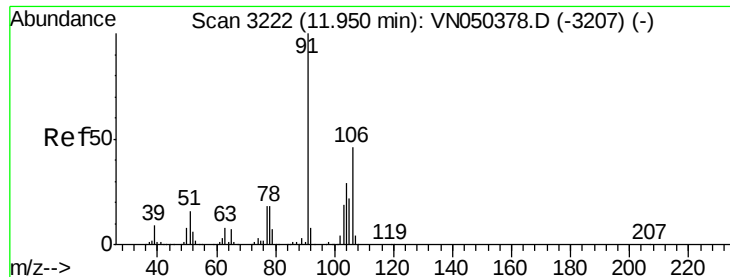
#68
m/p-Xylenes
Concen: 0.74 ug/l
RT: 11.63 min Scan# 3122
Delta R.T. 0.01 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

Tgt Ion:106 Resp: 12462
Ion Ratio Lower Upper
106 100
91 151.3 162.2 243.2#



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

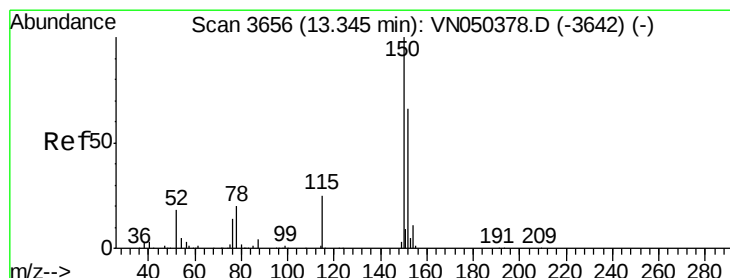
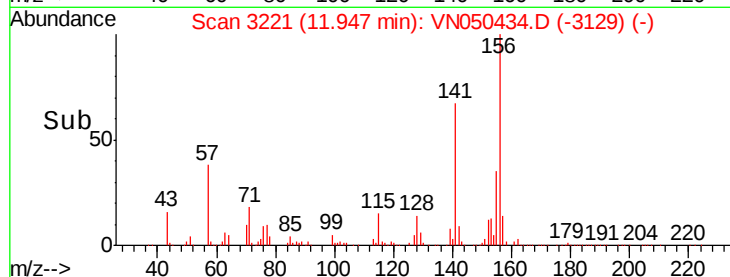
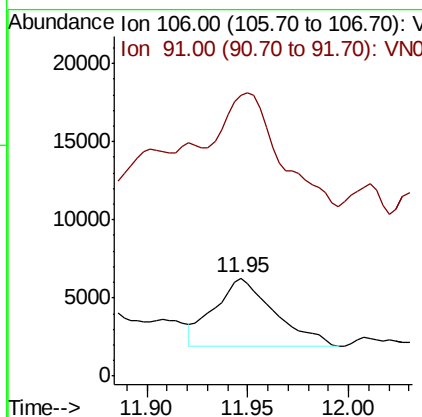
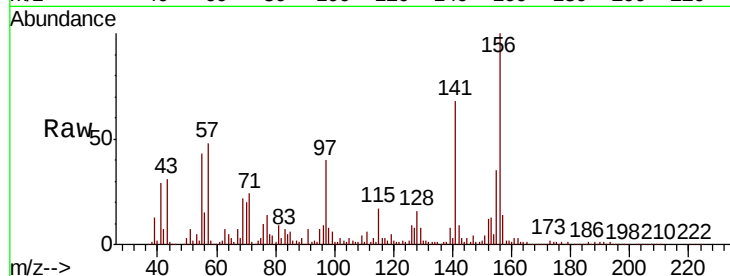




#69
o-Xylene
Concen: 0.57 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

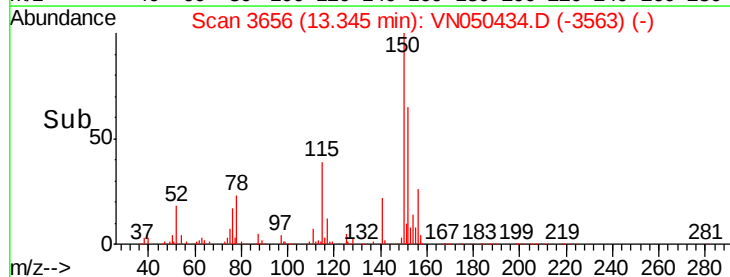
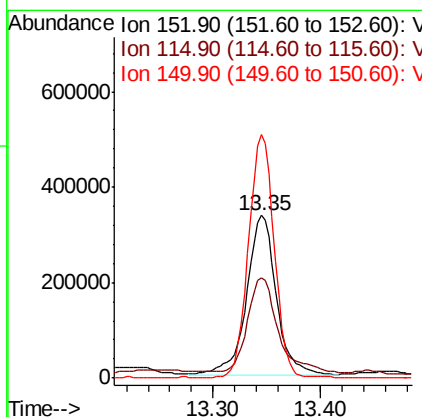
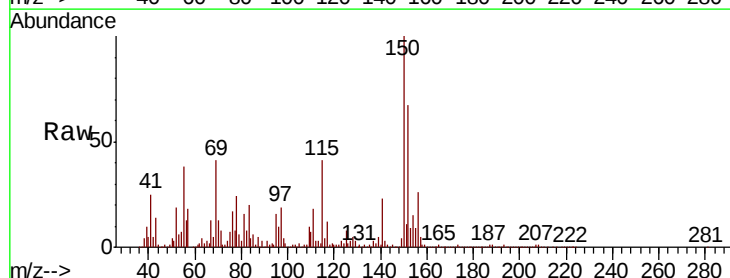
Instrument :
MSVOA_N
ClientSampled :
TP-8

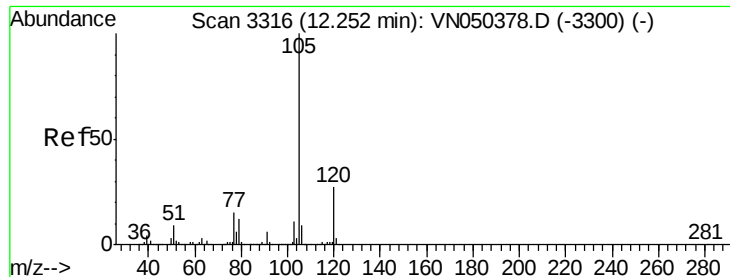
Tot Ion:106 Resp: 9142
Ion Ratio Lower Upper
106 100
91 154.4 107.7 323.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050434.D
Acq: 7 Aug 2018 16:15

Tgt Ion:152 Resp: 648412
Ion Ratio Lower Upper
152 100
115 60.4 27.8 83.3
150 128.8 0.0 348.6





#73

Isopropylbenzene

Concen: 1.51 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

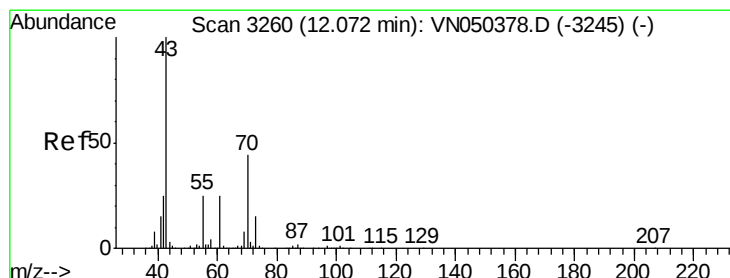
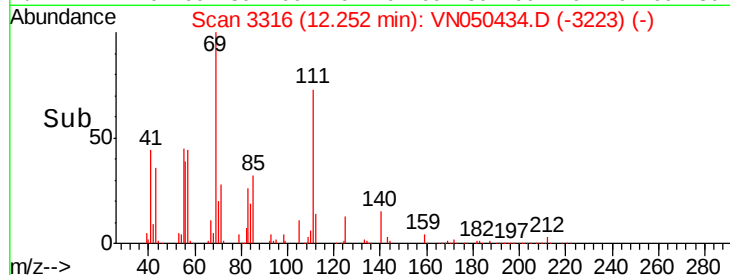
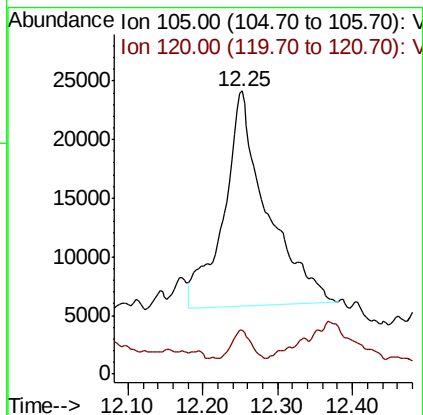
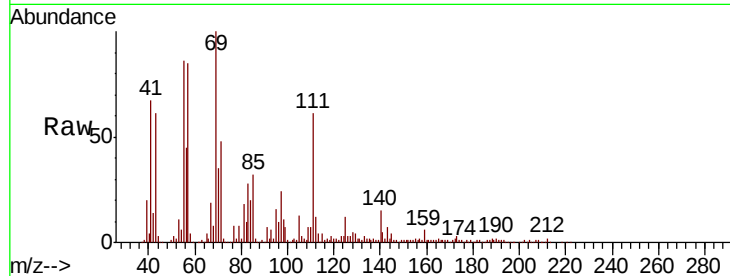
TP-8

Tot Ion:105 Resp: 73439

Ion Ratio Lower Upper

105 100

120 5.8 13.3 39.8#



#74

N-ethyl acetate

Concen: 47.16 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Tgt Ion: 43 Resp: 744119

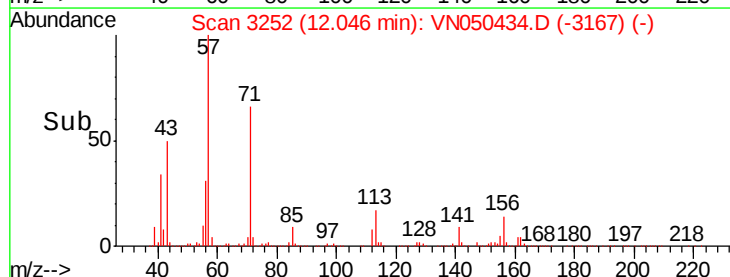
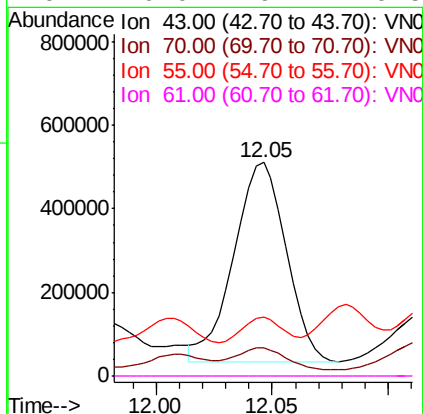
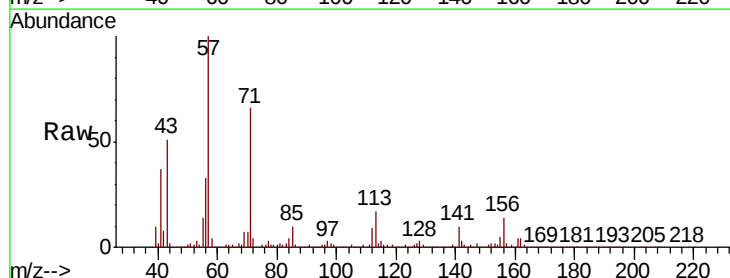
Ion Ratio Lower Upper

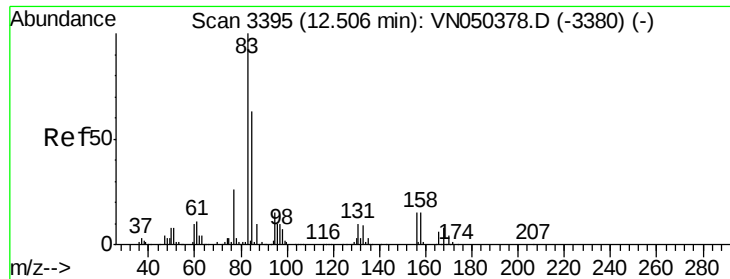
43 100

70 10.3 34.4 51.6#

55 9.9 20.8 31.2#

61 0.0 19.7 29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 6.46 ug/l

RT: 12.47 min Scan# 3385

Delta R.T. -0.03 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

TP-8

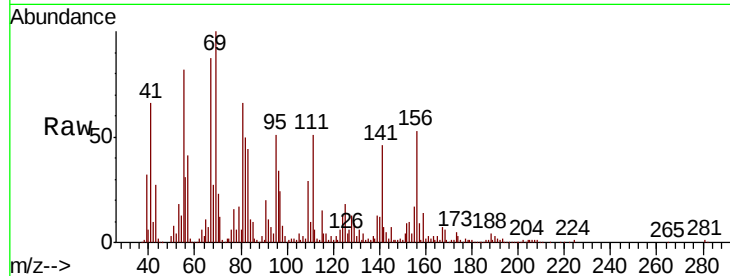
Tot Ion: 83 Resp: 90658

Ion Ratio Lower Upper

83 100

131 1.9 5.1 15.3#

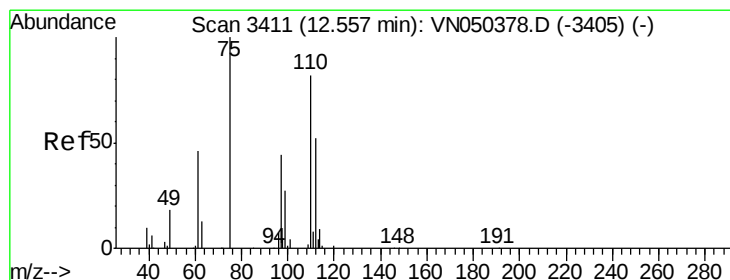
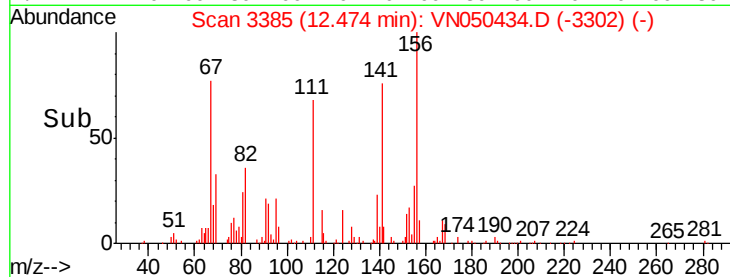
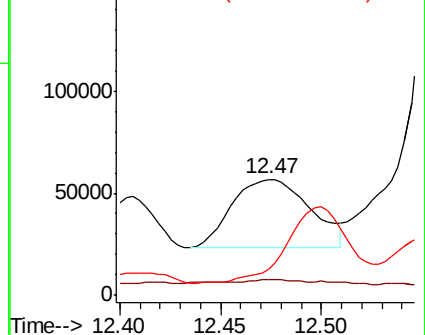
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 6.09 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN050434.D

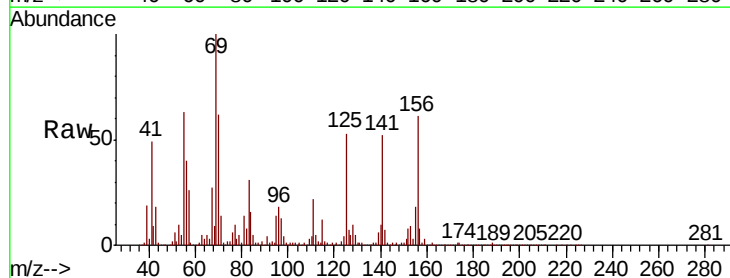
Acq: 7 Aug 2018 16:15

Tgt Ion: 75 Resp: 71532

Ion Ratio Lower Upper

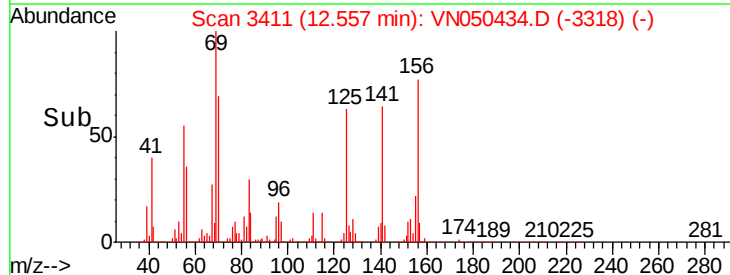
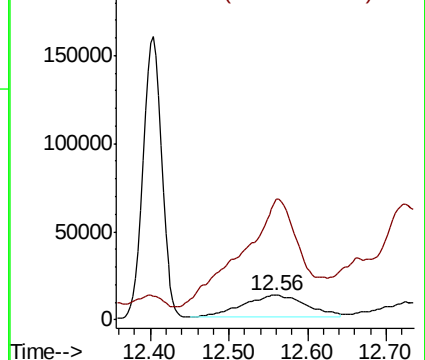
75 100

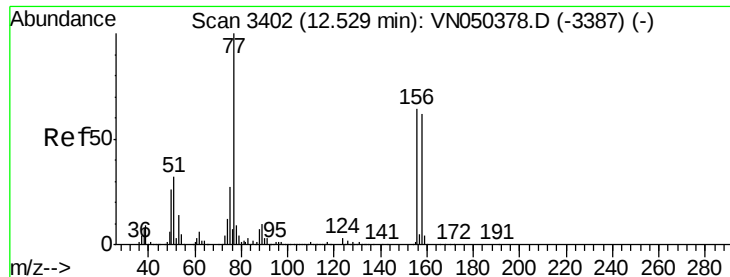
77 449.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 207.14 ug/l

RT: 12.57 min Scan# 3415

Delta R.T. 0.04 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

TP-8

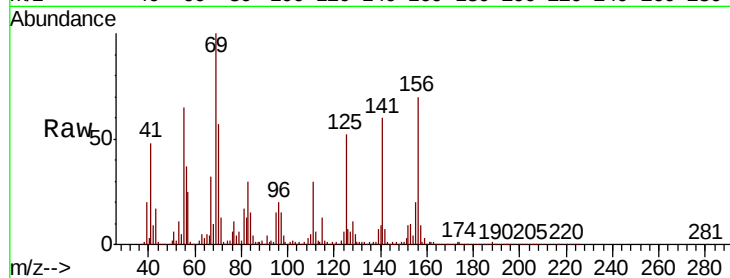
Tot Ion:156 Resp: 2701087

Ion Ratio Lower Upper

156 100

77 11.9 91.7 275.1#

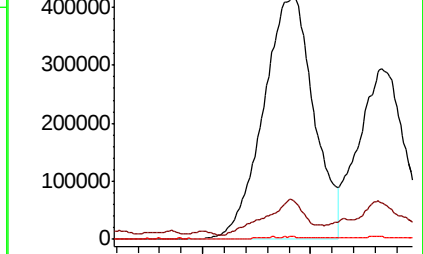
158 0.0 48.9 146.6#



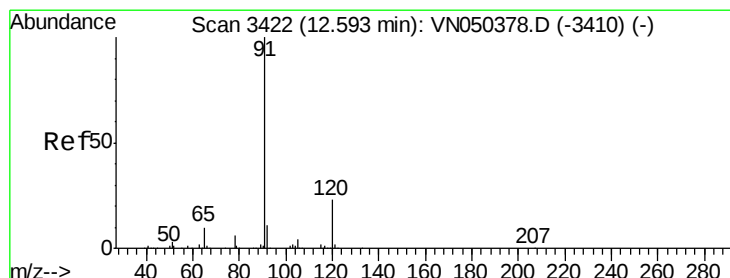
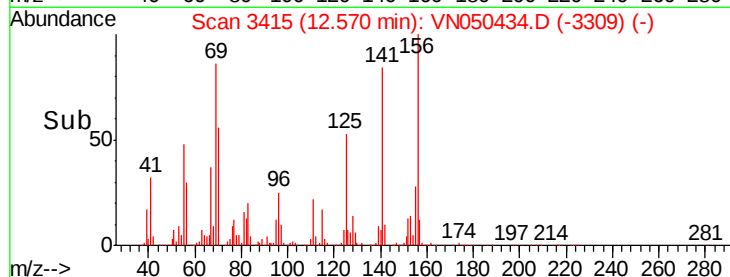
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 0.39 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.07 min

Lab File: VN050434.D

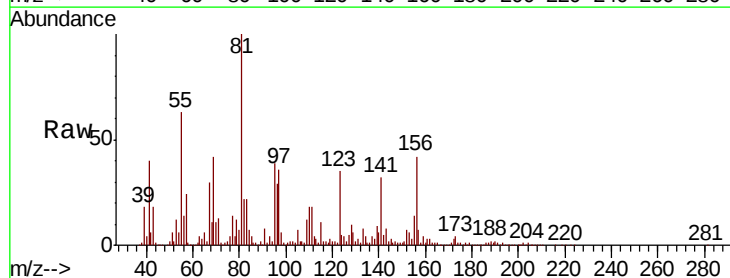
Acq: 7 Aug 2018 16:15

Tgt Ion: 91 Resp: 21710

Ion Ratio Lower Upper

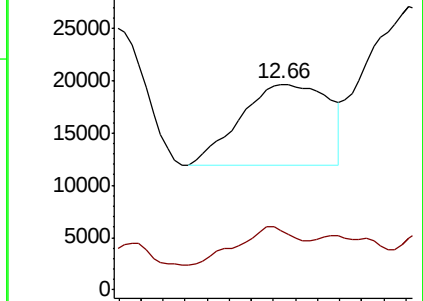
91 100

120 31.6 11.6 34.7

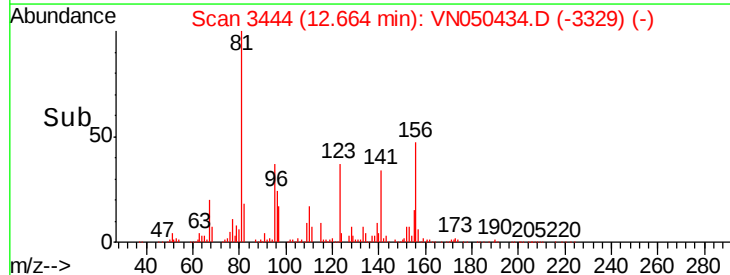


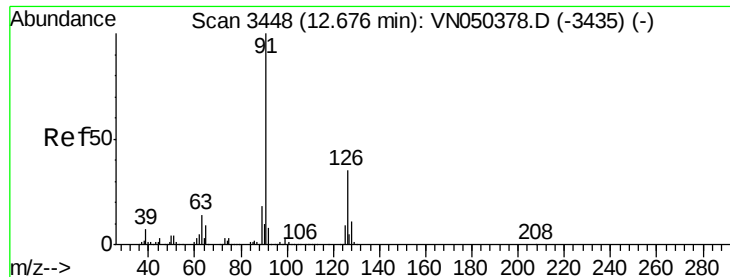
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 0.69 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. -0.20 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

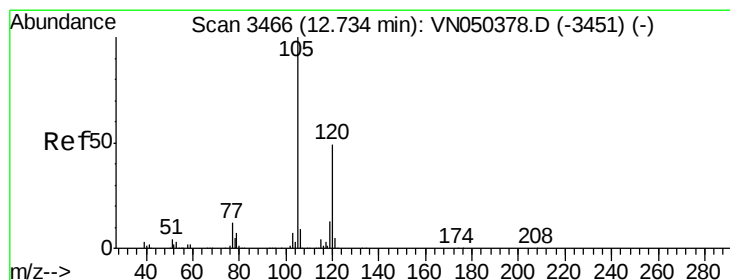
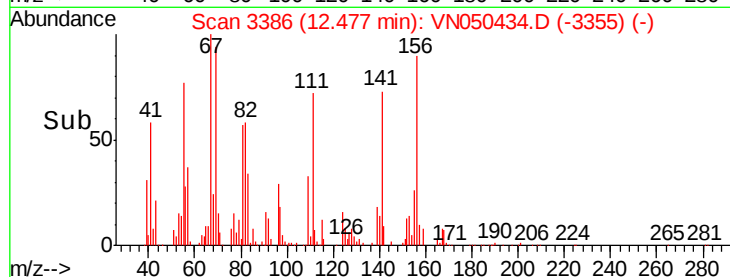
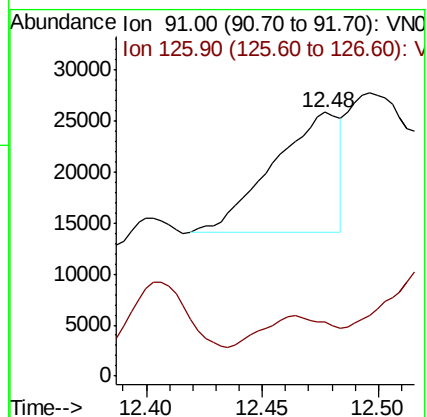
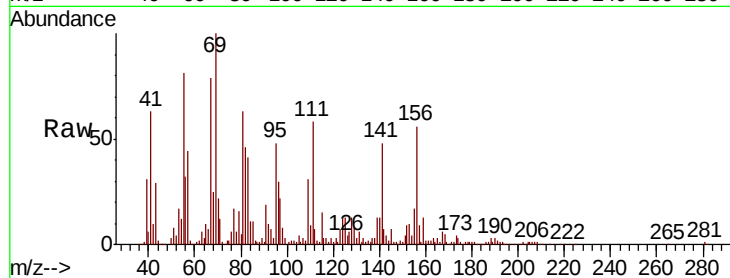
TP-8

Tot Ion: 91 Resp: 23325

Ion Ratio Lower Upper

91 100

126 25.0 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 0.56 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. -0.07 min

Lab File: VN050434.D

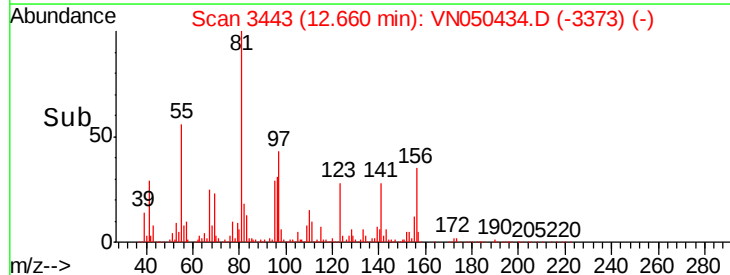
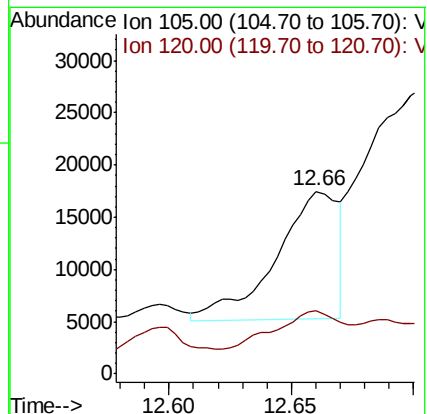
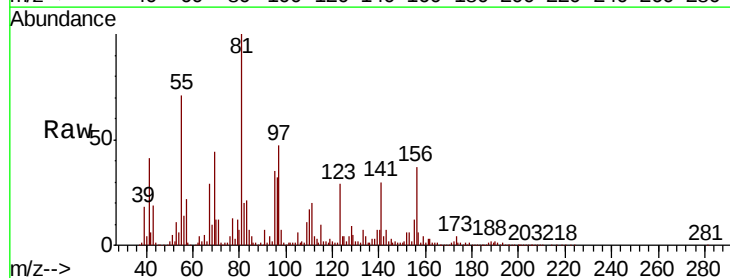
Acq: 7 Aug 2018 16:15

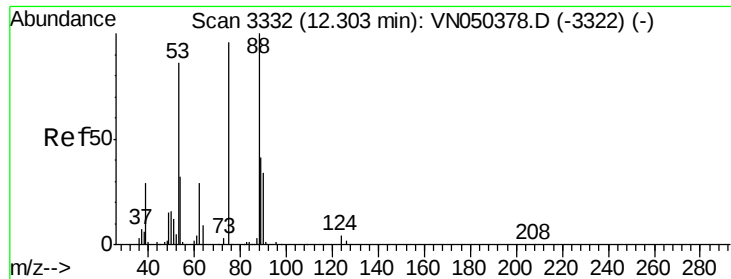
Tgt Ion: 105 Resp: 22041

Ion Ratio Lower Upper

105 100

120 31.1 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 79.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

TP-8

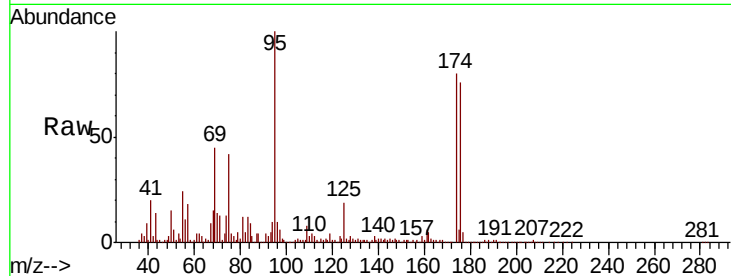
Tot Ion: 75 Resp: 265593

Ion Ratio Lower Upper

75 100

53 7.5 73.5 110.3#

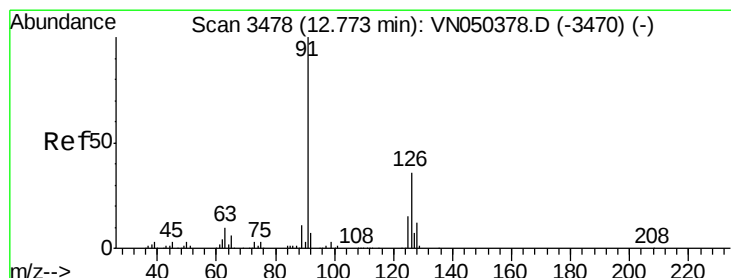
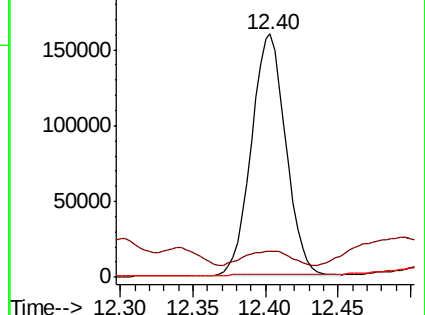
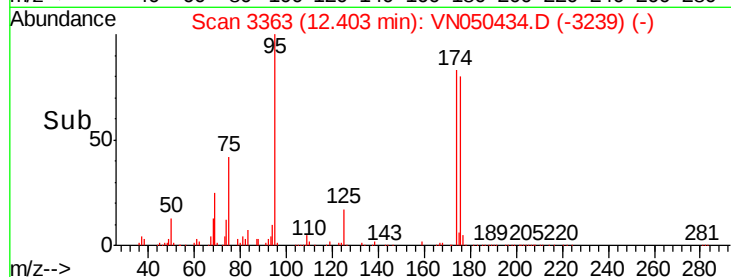
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.08 ug/l

RT: 12.72 min Scan# 3462

Delta R.T. -0.05 min

Lab File: VN050434.D

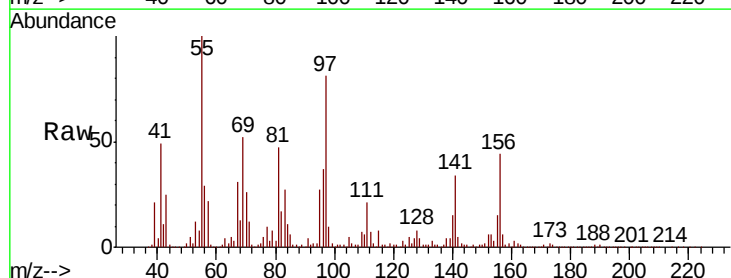
Acq: 7 Aug 2018 16:15

Tgt Ion: 91 Resp: 36644

Ion Ratio Lower Upper

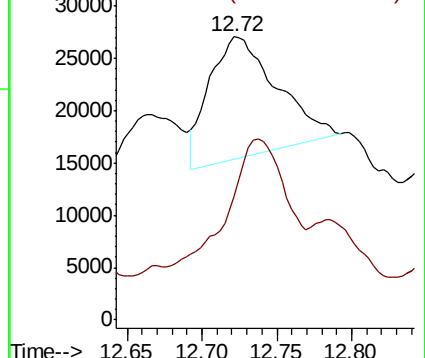
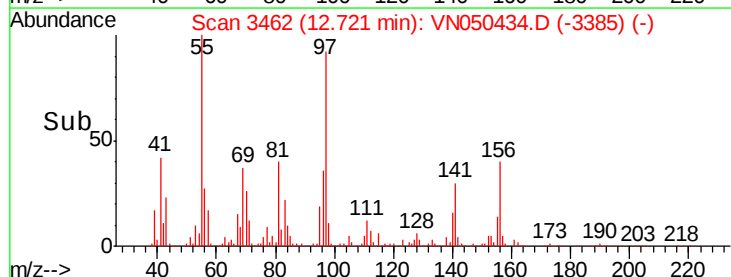
91 100

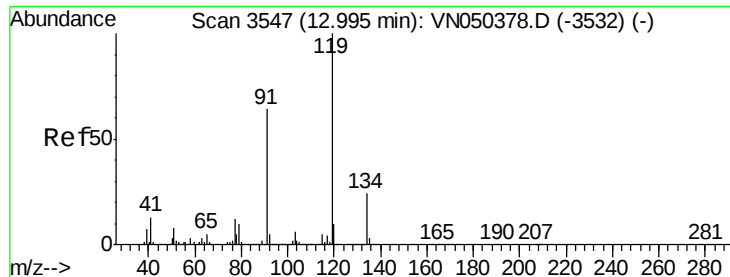
126 84.6 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

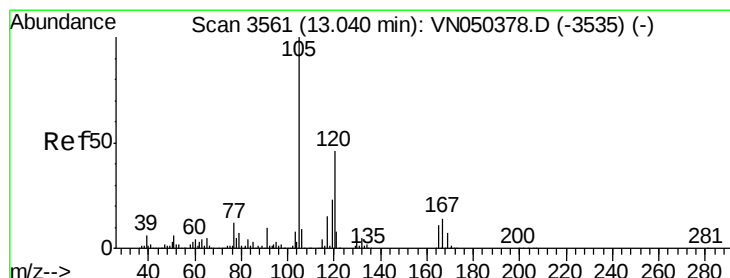
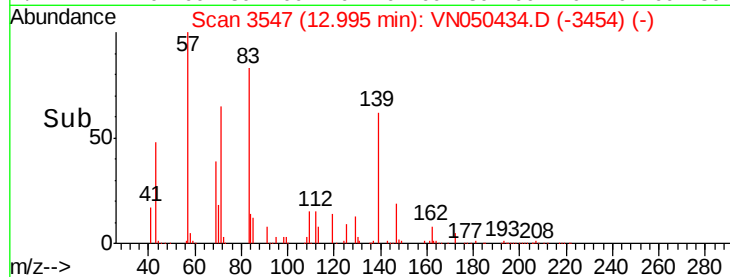
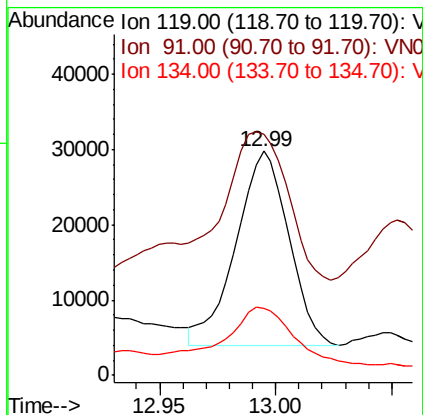
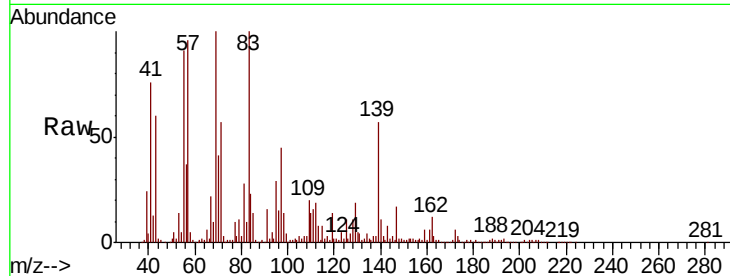




#83
 tert-Butylbenzene
 Concen: 1.19 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

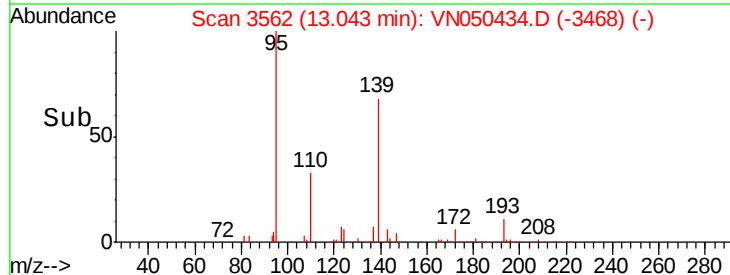
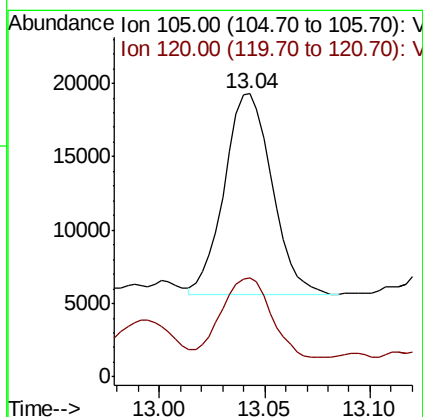
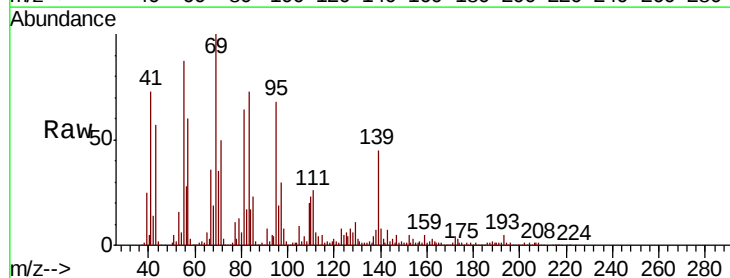
Instrument :
 MSVOA_N
 ClientSampled :
 TP-8

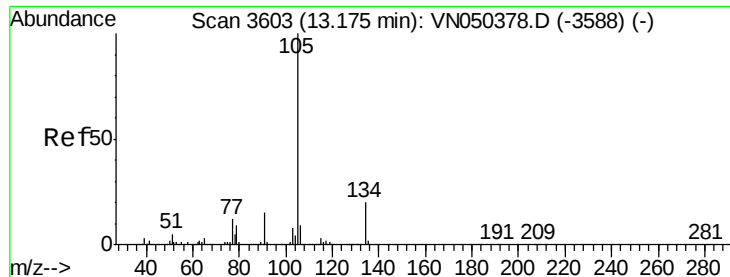
Tot Ion:119 Resp: 41054
 Ion Ratio Lower Upper
 119 100
 91 89.8 32.1 96.3
 134 34.2 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 0.54 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

Tgt Ion:105 Resp: 21656
 Ion Ratio Lower Upper
 105 100
 120 40.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 1.82 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

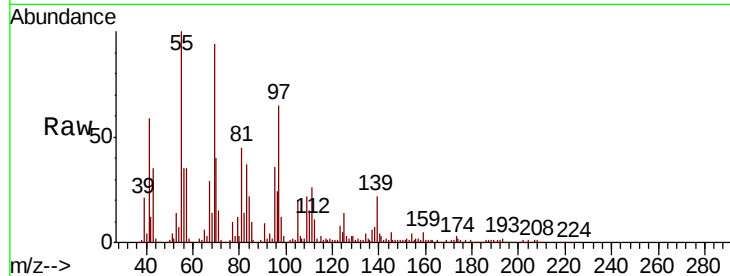
TP-8

Tot Ion:105 Resp: 83664

Ion Ratio Lower Upper

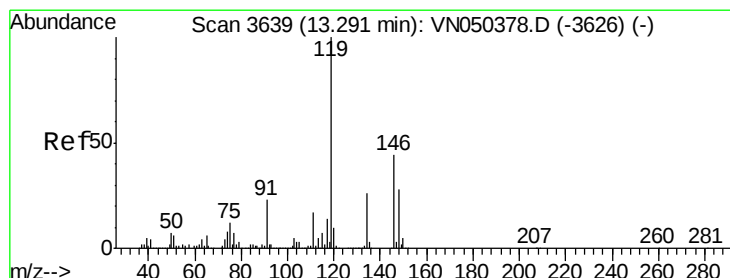
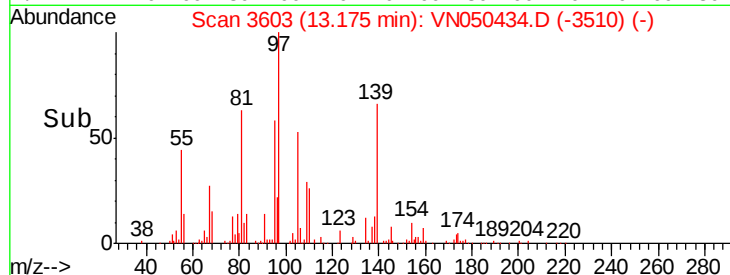
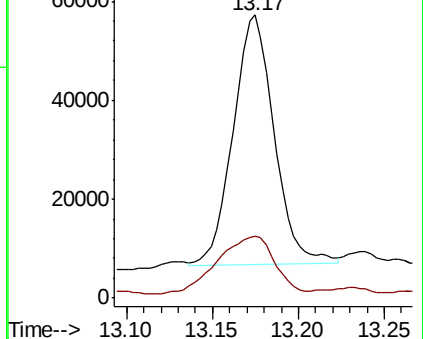
105 100

134 32.6 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.22 ug/l

RT: 13.44 min Scan# 3687

Delta R.T. 0.15 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

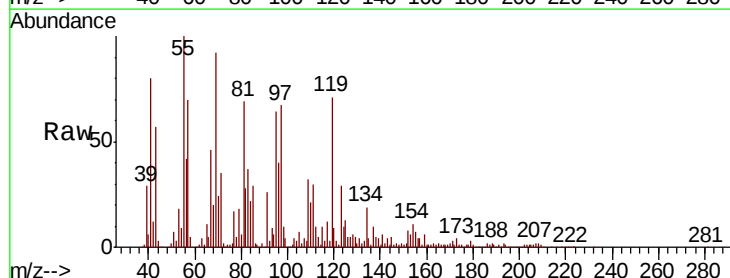
Tgt Ion:119 Resp: 166263

Ion Ratio Lower Upper

119 100

134 28.3 13.3 39.8

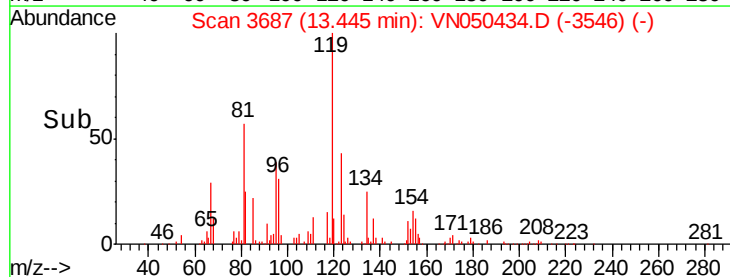
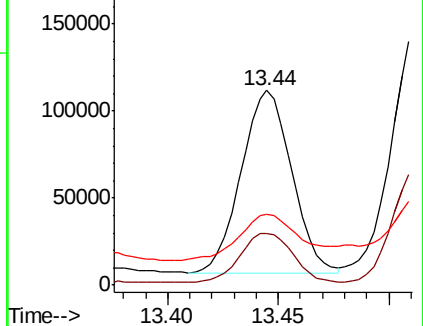
91 29.9 11.4 34.2

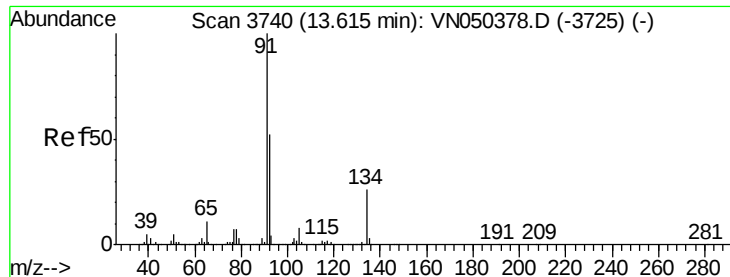


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.26 ug/l

RT: 13.61 min Scan# 3739

Delta R.T. -0.00 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

TP-8

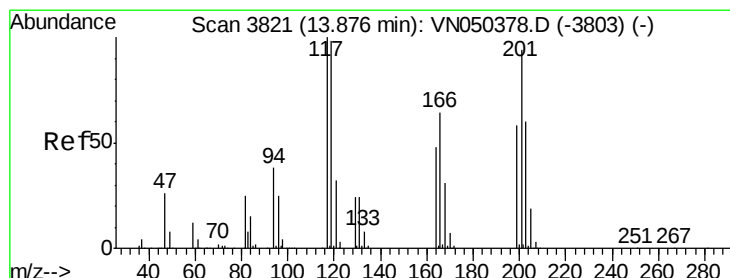
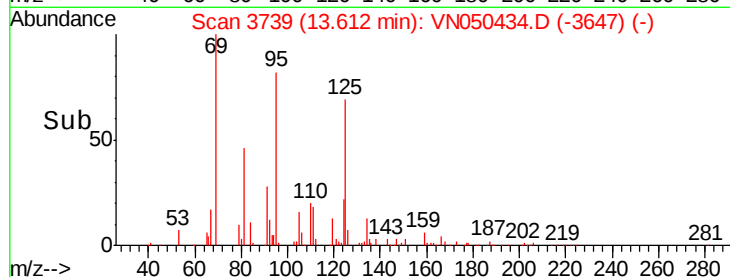
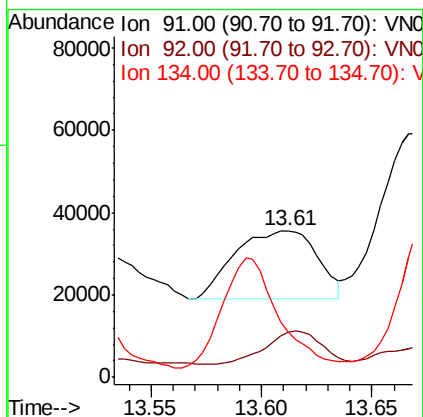
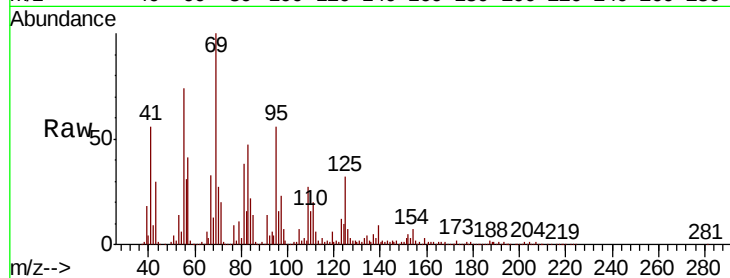
Tot Ion: 91 Resp: 42371

Ion Ratio Lower Upper

91 100

92 33.9 25.8 77.4

134 0.0 12.8 38.4#



#90

Hexachloroethane

Concen: 8.00 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050434.D

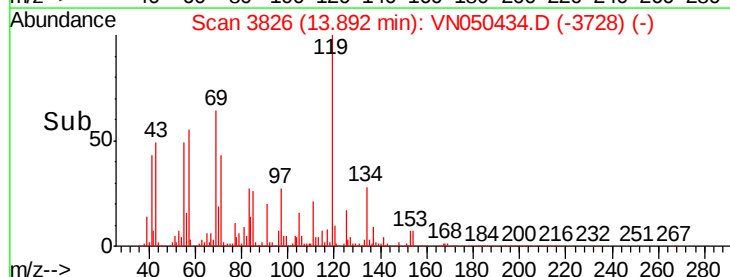
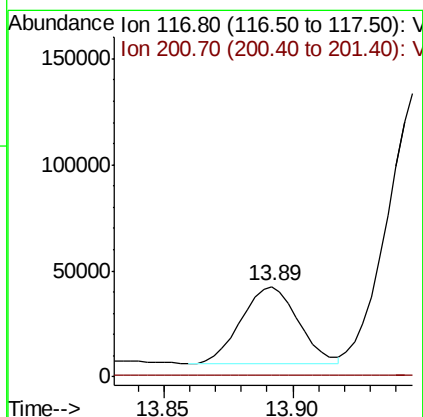
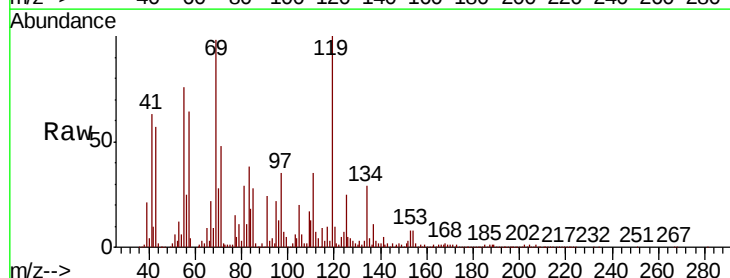
Acq: 7 Aug 2018 16:15

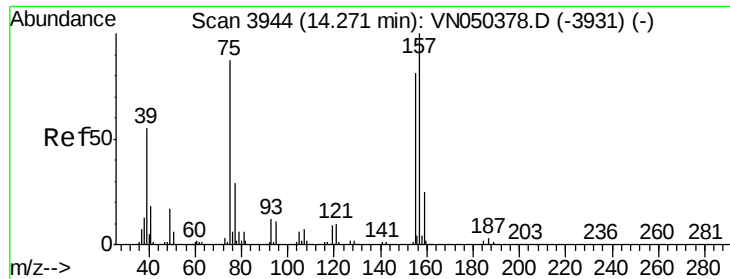
Tgt Ion: 117 Resp: 56021

Ion Ratio Lower Upper

117 100

201 0.4 45.6 136.8#

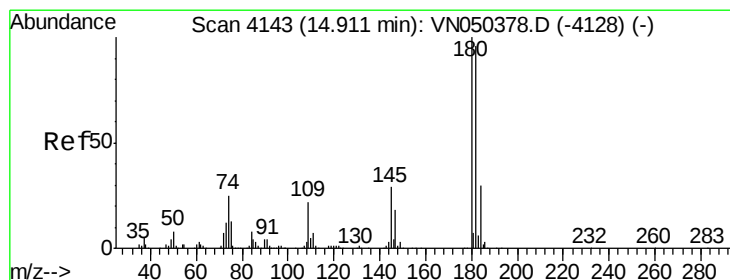
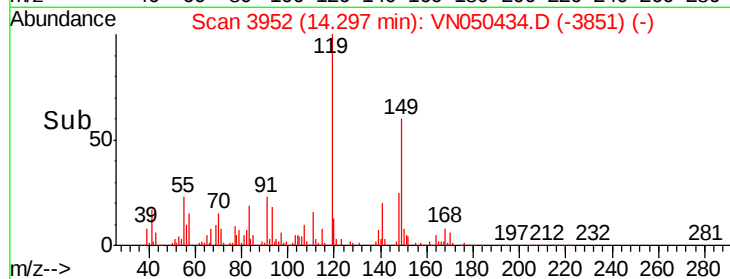
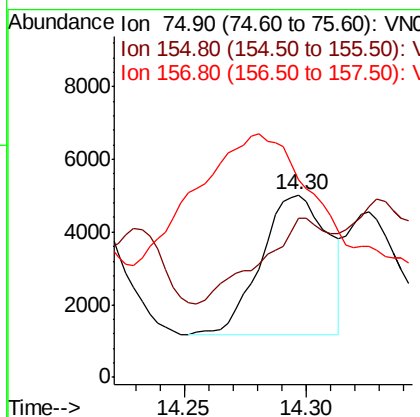
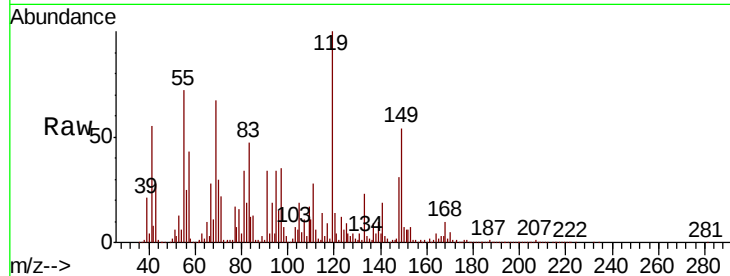




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.11 ug/l
 RT: 14.30 min Scan# 3952
 Delta R.T. 0.03 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

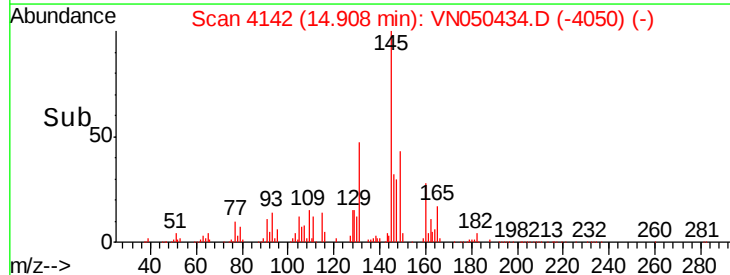
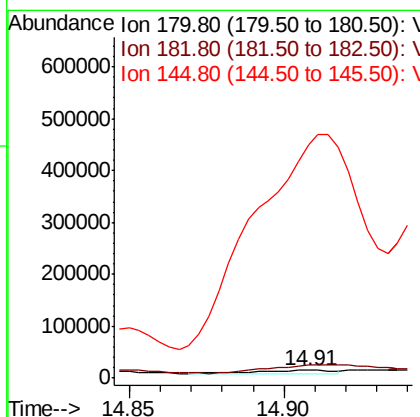
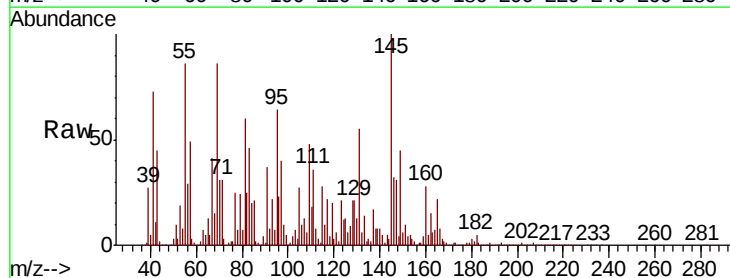
Instrument :
 MSVOA_N
 ClientSampled :
 TP-8

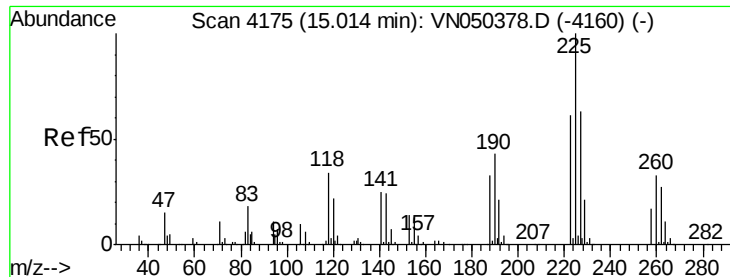
Tot Ion: 75 Resp: 7414
 Ion Ratio Lower Upper
 75 100
 155 58.6 44.8 134.4
 157 166.3 57.2 171.6



#93
 1,2,4-Trichlorobenzene
 Concen: 0.83 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

Tgt Ion: 180 Resp: 9853
 Ion Ratio Lower Upper
 180 100
 182 423.1 46.7 140.1#
 145 12216.9 13.8 41.4#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.91 min Scan# 4143

Delta R.T. -0.10 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

Instrument :

MSVOA_N

ClientSampled :

TP-8

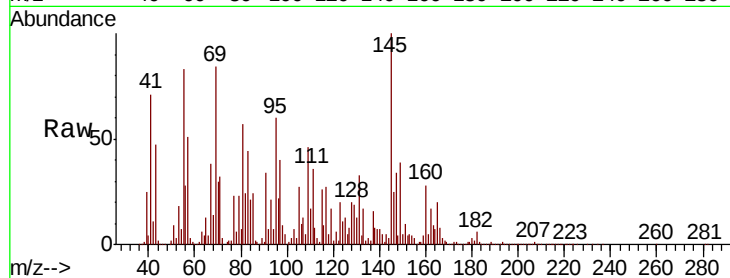
Tot Ion:225 Resp: 74

Ion Ratio Lower Upper

225 100

223 560.8 31.4 94.2#

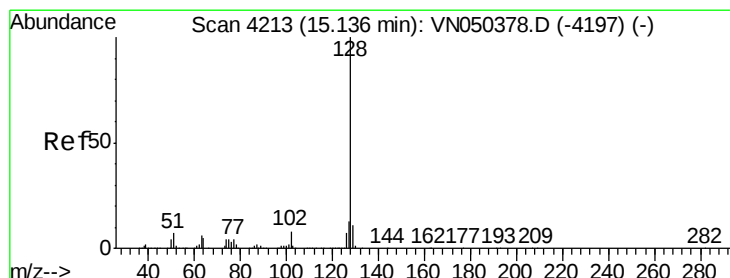
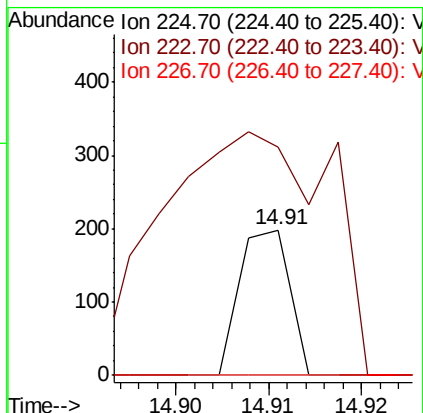
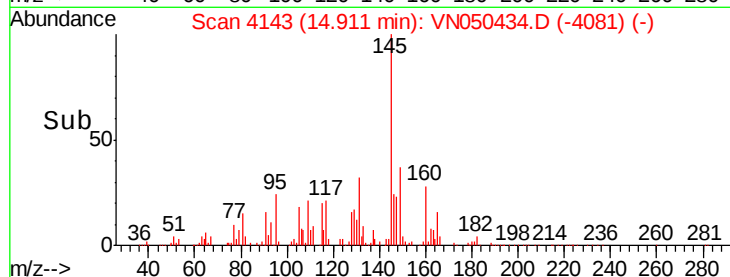
227 0.0 32.1 96.5#



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: 7.20 ug/l

RT: 15.11 min Scan# 4205

Delta R.T. -0.03 min

Lab File: VN050434.D

Acq: 7 Aug 2018 16:15

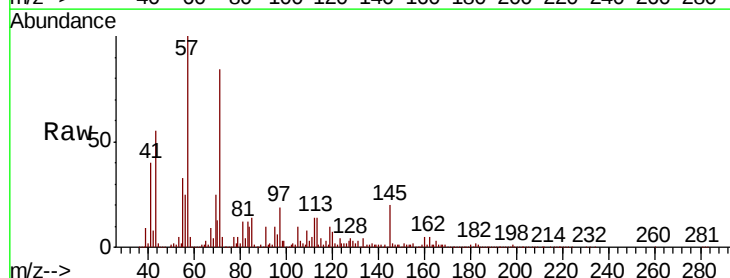
Tgt Ion:128 Resp: 121009

Ion Ratio Lower Upper

128 100

127 100.3 10.4 15.6#

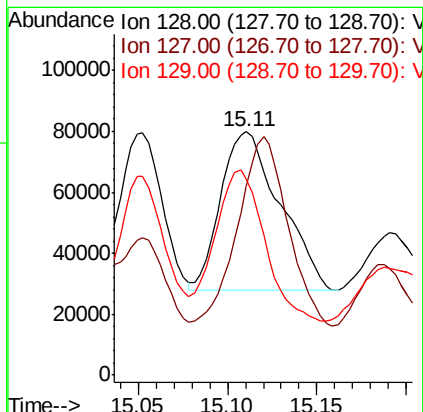
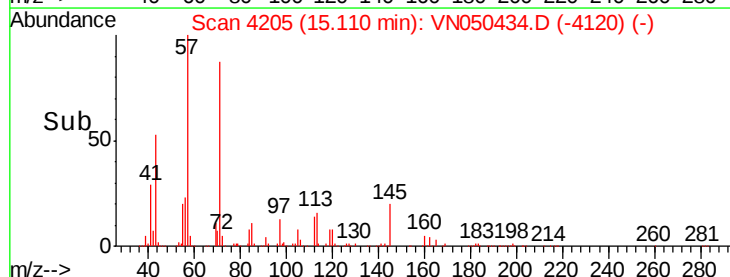
129 79.5 8.8 13.2#

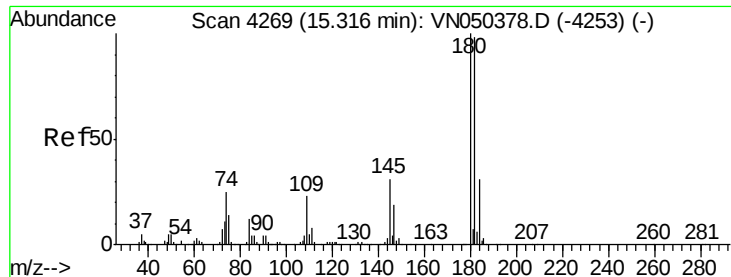


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

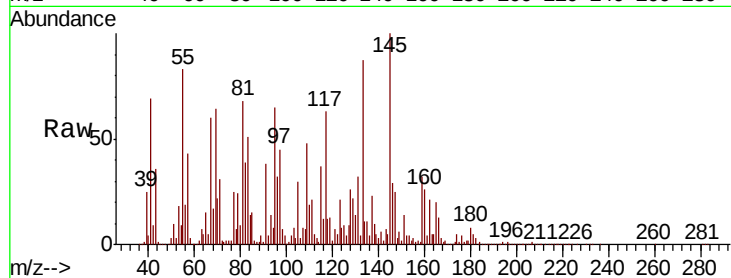




#96
 1,2,3-Trichlorobenzene
 Concen: 5.22 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. -0.03 min
 Lab File: VN050434.D
 Acq: 7 Aug 2018 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

Tot Ion	Ratio	Lower	Upper
180	100		
182	35.8	48.1	144.4#
145	960.0	15.3	45.9#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

