

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050431.D
 Acq On : 7 Aug 2018 15:01
 Operator : MD\SY
 Sample : J4297-06
 Misc : 5.10µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

Quant Time: Aug 08 05:23:39 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	736889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1144633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1051155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	579197	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	469344	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
35) Dibromofluoromethane	7.59	113	419066	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
50) Toluene-d8	10.09	98	1653316	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.40	95	585861	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	10034	Below Cal		94
5) Bromomethane	2.51	94	14263	2.94 ug/l		99
10) Methyl Iodide	3.93	142	4245	1.14 ug/l #		40
11) Tert butyl alcohol	4.74	59	3160	4.00 ug/l #		72
13) Acrolein	3.61	56	99	15.12 ug/l #		1
16) Acetone	3.83	43	5771	1.61 ug/l		99
17) Carbon Disulfide	4.03	76	10022	0.39 ug/l #		95
18) Methyl Acetate	4.33	43	53462	6.84 ug/l		100
20) Methylene Chloride	4.54	84	4282	Below Cal		96
29) Tetrahydrofuran	7.21	42	612	0.23 ug/l #		71
31) Cyclohexane	7.66	56	13841	0.36 ug/l #		1
36) 1,1-Dichloropropene	7.66	75	49336	3.92 ug/l #		50
37) Ethyl Acetate	6.94	43	1841	0.20 ug/l #		76
38) Carbon Tetrachloride	7.66	117	66721	5.09 ug/l #		15
39) Methylcyclohexane	9.07	83	5001	0.36 ug/l #		85
43) Isopropyl Acetate	8.25	43	25458	1.63 ug/l #		61
55) 1,1,2-Trichloroethane	10.53	97	23365	2.58 ug/l #		22
56) Ethyl methacrylate	10.43	69	9656	2.44 ug/l #		13
58) 2-Chloroethyl Vinyl ether	9.69	63	48	7.40 ug/l #		1
59) 2-Hexanone	10.72	43	71473	9.10 ug/l #		30
66) 1,1,1,2-Tetrachloroethane	11.52	131	2079	0.22 ug/l #		35
68) m/p-Xylenes	11.62	106	4691	0.29 ug/l		90
73) Isopropylbenzene	12.25	105	12528	0.29 ug/l #		66
74) N-ethyl acetate	12.05	43	420152	29.81 ug/l #		55
75) 1,1,2,2-Tetrachloroethane	12.48	83	60372	4.81 ug/l #		25
76) 1,2,3-Trichloropropane	12.40	75	262877	25.07 ug/l #		100
77) Bromobenzene	12.54	156	11685	1.00 ug/l #		1
78) n-propylbenzene	12.67	91	12855	0.26 ug/l		83
79) 2-Chlorotoluene	12.67	91	12855	0.42 ug/l #		40
80) 1,3,5-Trimethylbenzene	12.89	105	16261	0.46 ug/l		81
81) trans-1,4-Dichloro-2-buten	12.40	75	262877	88.10 ug/l #		15
82) 4-Chlorotoluene	12.72	91	11502	0.38 ug/l #		41
83) tert-Butylbenzene	12.99	119	25050	0.81 ug/l		85
85) sec-Butylbenzene	13.17	105	95089	2.32 ug/l #		61

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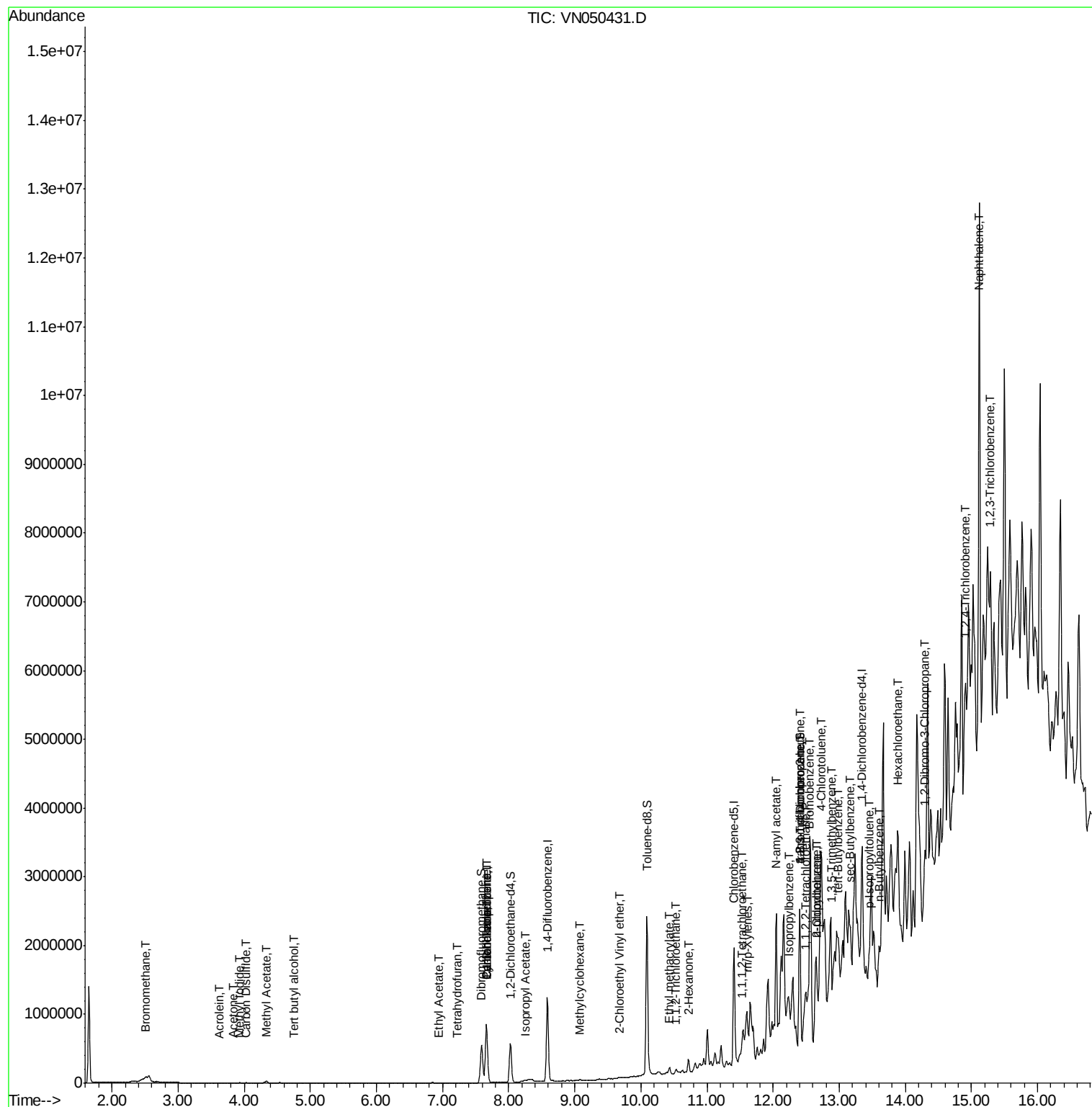
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.44	119	75625	2.15	ug/l #	77
89) n-Butylbenzene	13.61	91	31216	1.04	ug/l #	71
90) Hexachloroethane	13.89	117	49657	7.94	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	2285	1.07	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.92	180	5459	0.52	ug/l #	1
94) Hexachlorobutadiene	15.02	225	100	Below Cal	#	1
95) Naphthalene	15.11	128	50791	5.30	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.29	180	45698	4.27	ug/l #	1

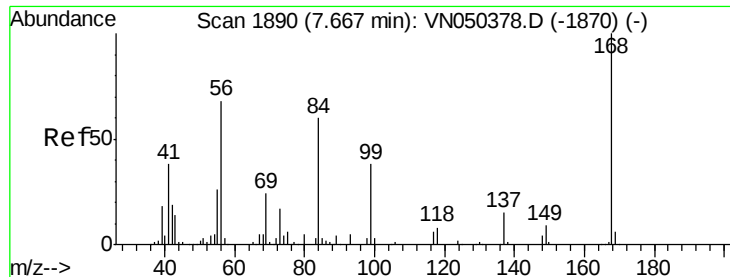
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

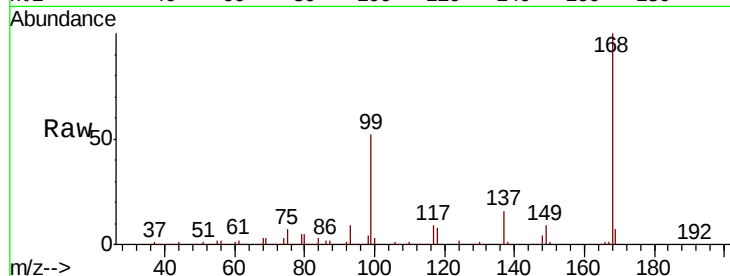
TP-6

Tot Ion:168 Resp: 736889

Ion Ratio Lower Upper

168 100

99 51.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

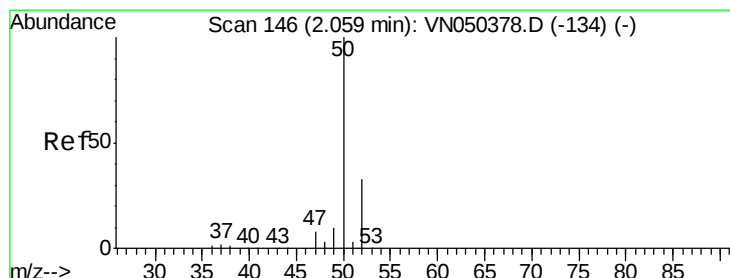
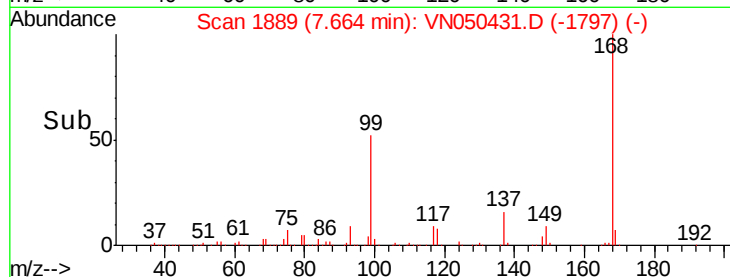
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.05 min Scan# 144

Delta R.T. -0.01 min

Lab File: VN050431.D

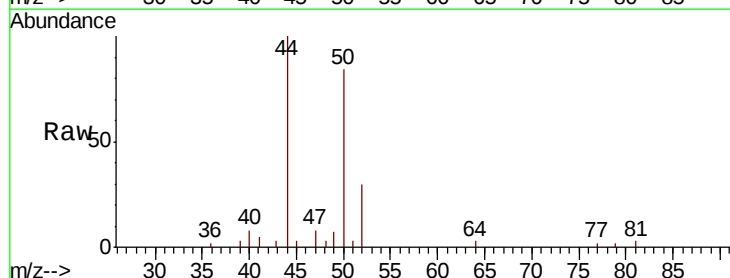
Acq: 7 Aug 2018 15:01

Tgt Ion: 50 Resp: 10034

Ion Ratio Lower Upper

50 100

52 35.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.05

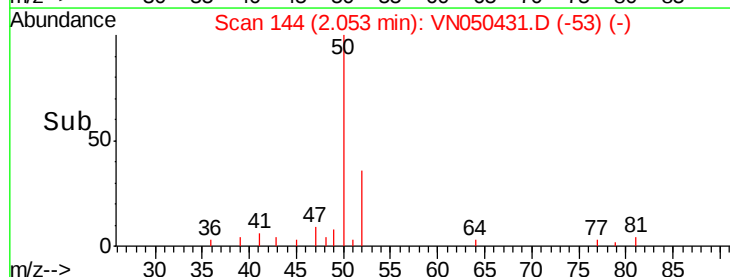
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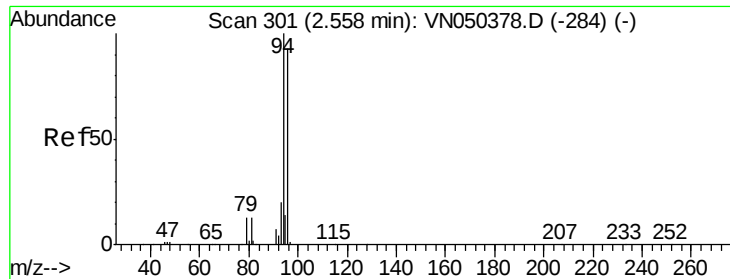
4000

2000

0

Time-->





#5

Bromomethane

Concen: 2.94 ug/l

RT: 2.51 min Scan# 286

Delta R.T. -0.05 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

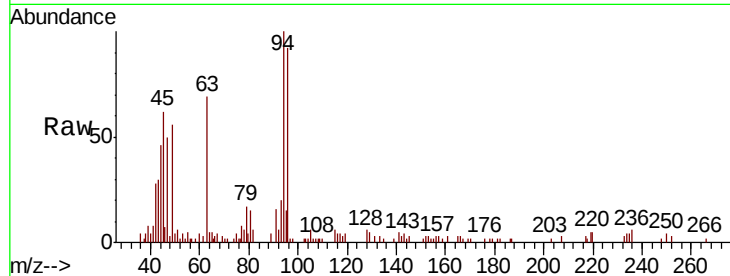
TP-6

Tot Ion: 94 Resp: 14263

Ion Ratio Lower Upper

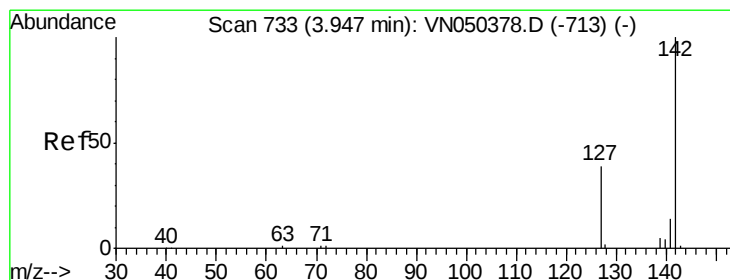
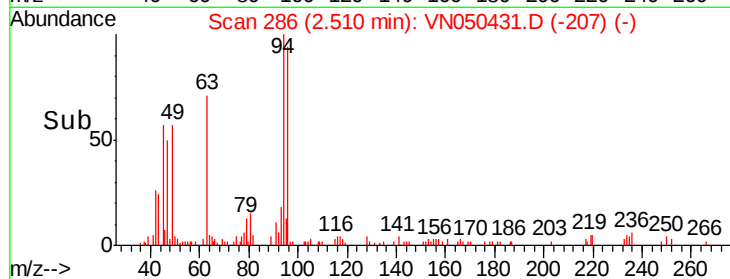
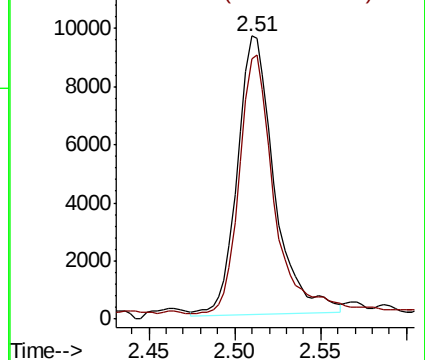
94 100

96 92.3 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: 1.14 ug/l

RT: 3.93 min Scan# 728

Delta R.T. -0.02 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

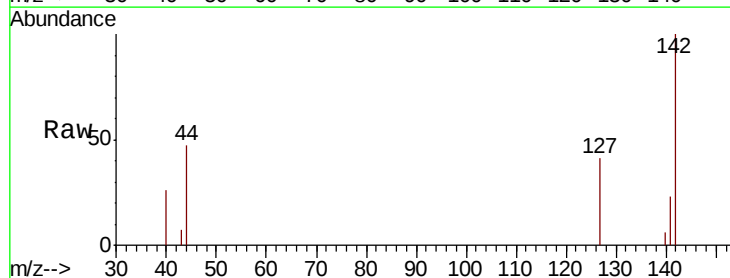
Tgt Ion: 142 Resp: 4245

Ion Ratio Lower Upper

142 100

127 84.7 33.4 50.2#

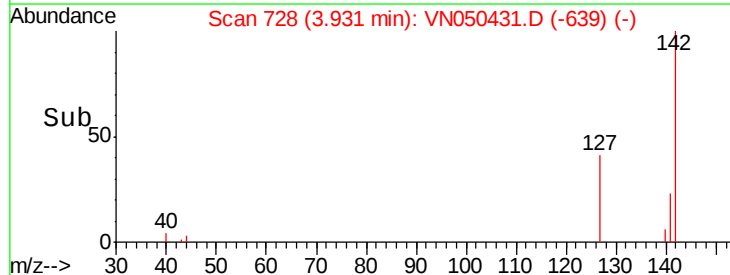
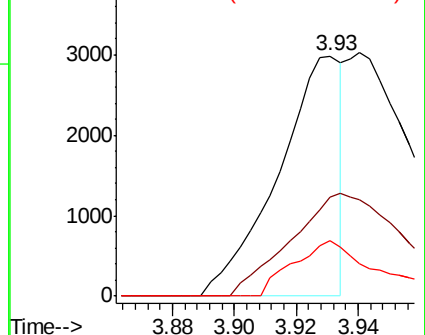
141 28.8 11.6 17.4#

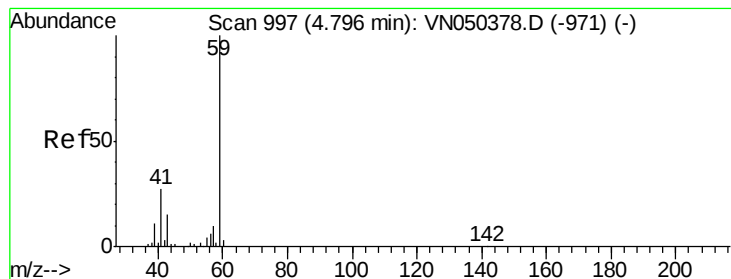


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



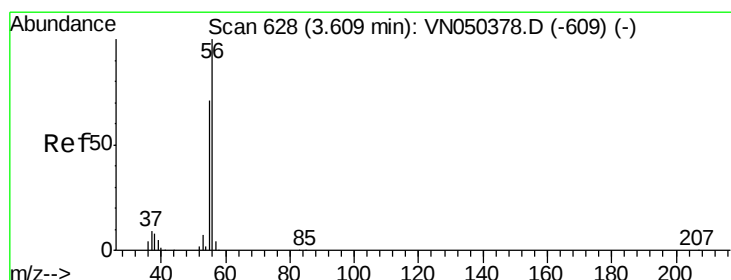
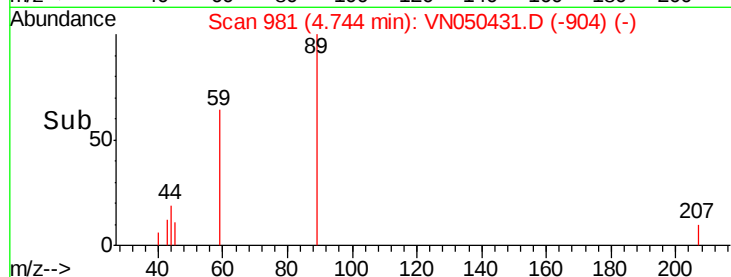
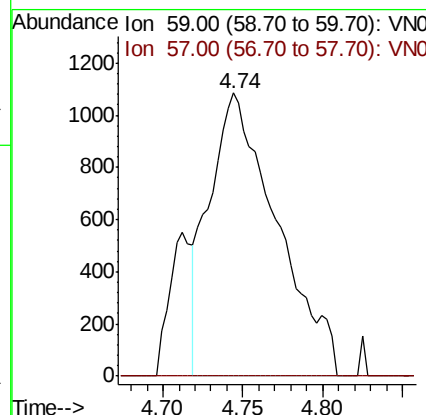
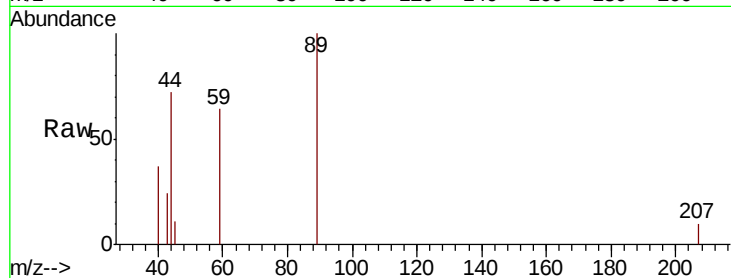


#11

Tert butyl alcohol
 Concen: 4.00 ug/l
 RT: 4.74 min Scan# 981
 Delta R.T. -0.05 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

Instrument :
 MSVOA_N
 ClientSampled :
 TP-6

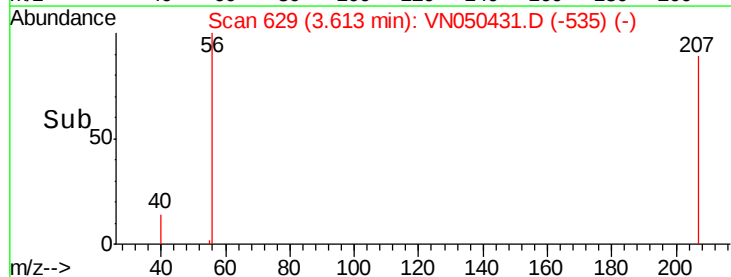
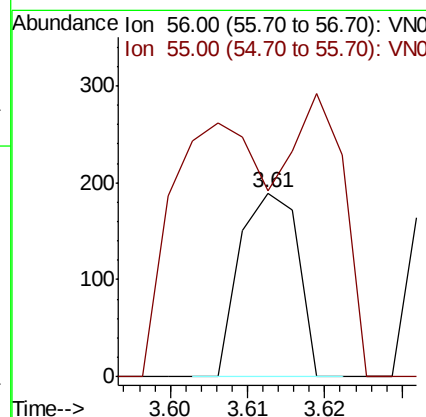
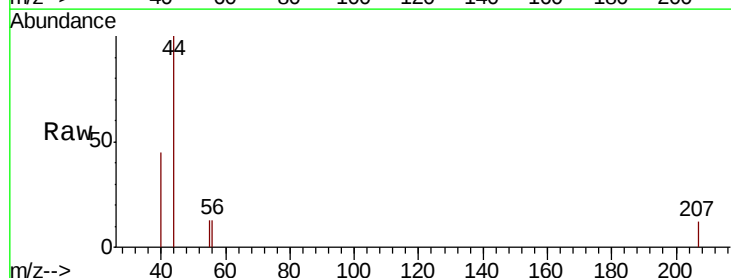
Tot Ion: 59 Resp: 3160
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

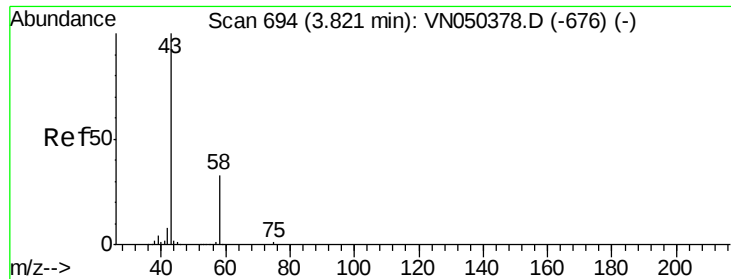


#13

Acrolein
 Concen: 15.12 ug/l
 RT: 3.61 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

Tgt Ion: 56 Resp: 99
 Ion Ratio Lower Upper
 56 100
 55 220.2 55.8 83.6#





#16

Acetone

Concen: 1.61 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

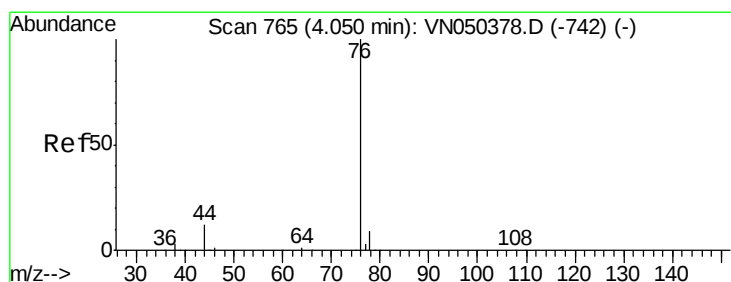
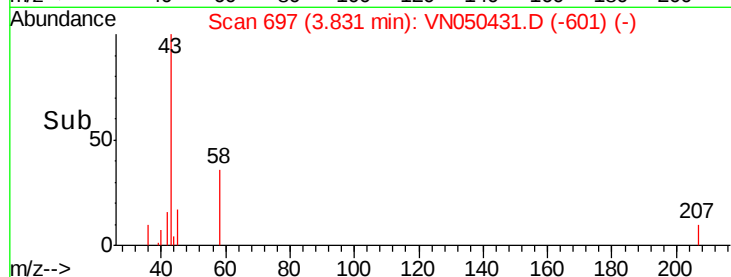
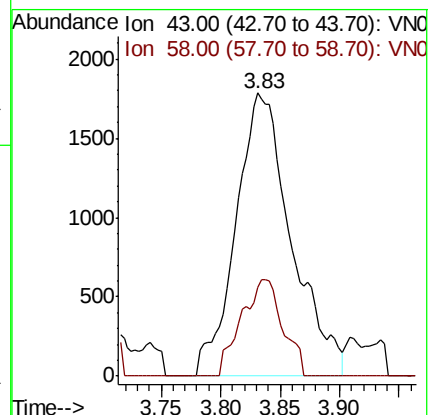
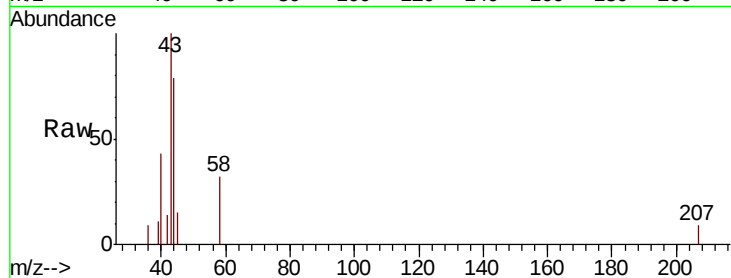
TP-6

Tot Ion: 43 Resp: 5771

Ion Ratio Lower Upper

43 100

58 31.5 25.8 38.8



#17

Carbon Disulfide

Concen: 0.39 ug/l

RT: 4.03 min Scan# 758

Delta R.T. -0.02 min

Lab File: VN050431.D

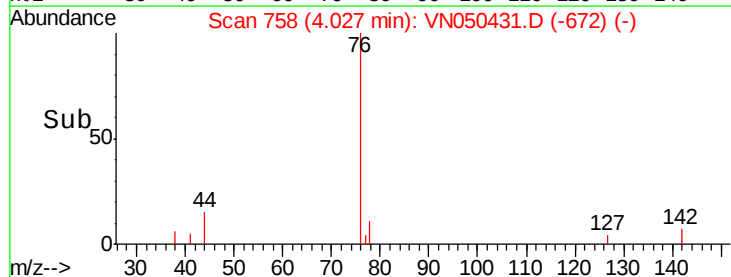
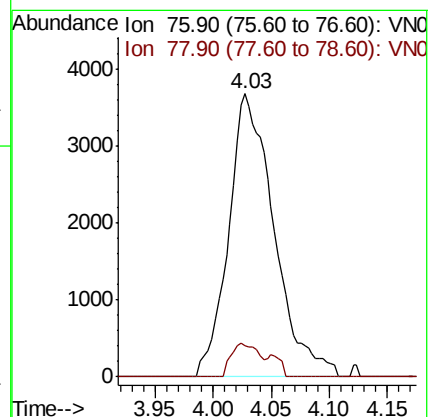
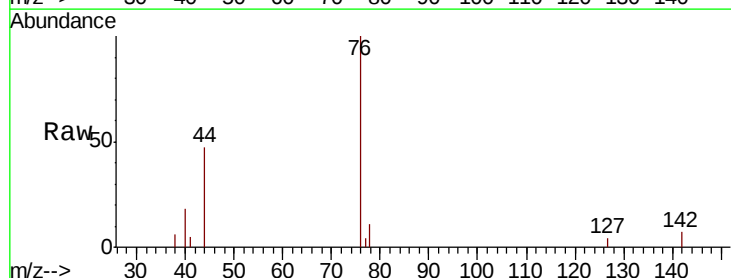
Acq: 7 Aug 2018 15:01

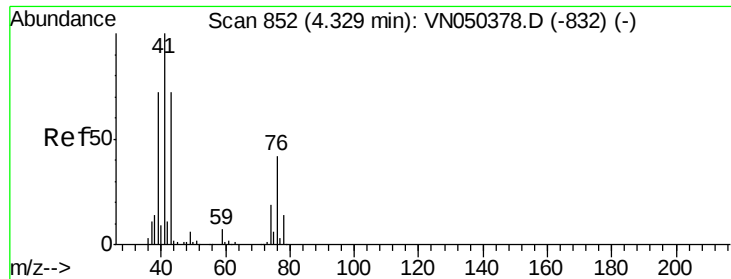
Tgt Ion: 76 Resp: 10022

Ion Ratio Lower Upper

76 100

78 11.1 7.3 10.9#

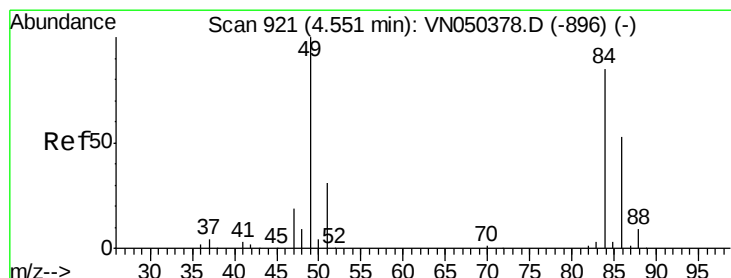
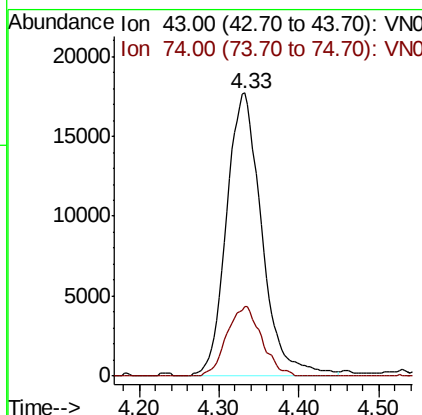
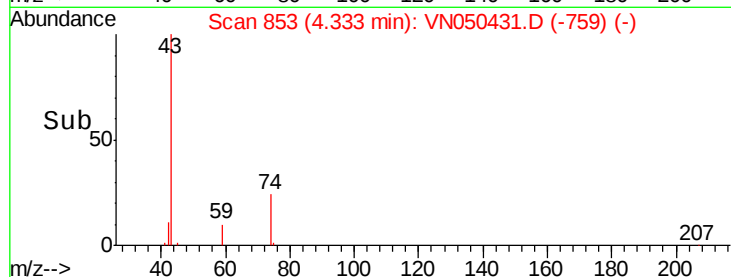
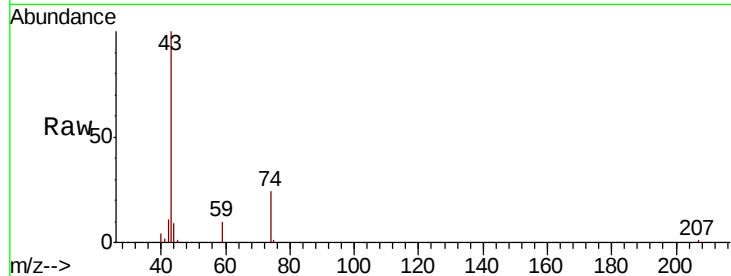




#18
Methyl Acetate
Concen: 6.84 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

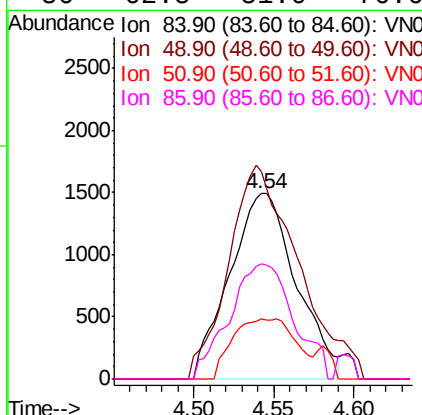
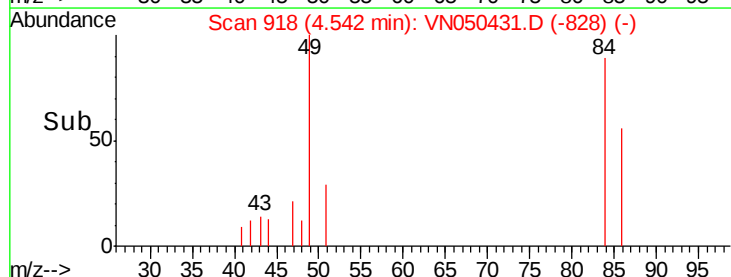
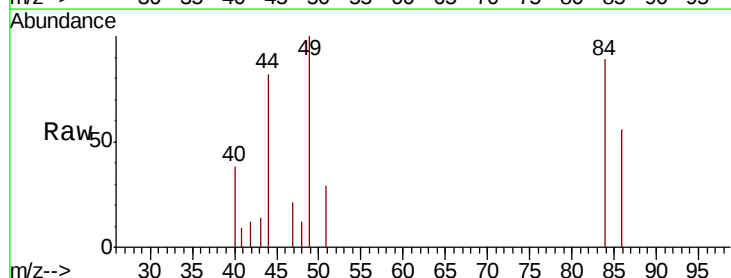
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MSVOA_N
ClientSampled :
TP-6

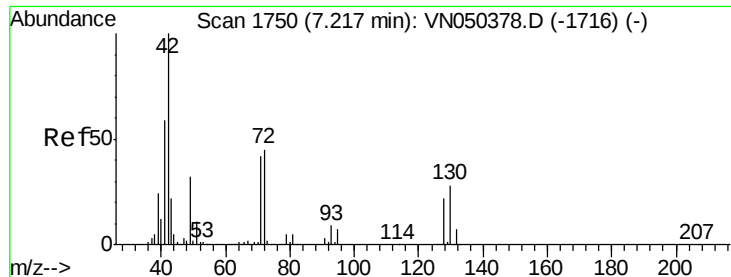
Tot Ion: 43 Resp: 53462
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Tgt Ion: 84 Resp: 4282
Ion Ratio Lower Upper
84 100
49 112.0 94.8 142.2
51 32.6 28.3 42.5
86 62.5 51.0 76.6

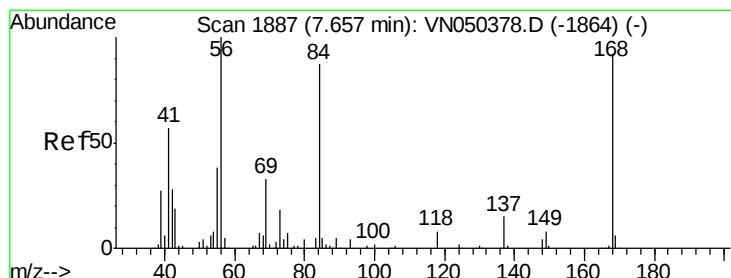
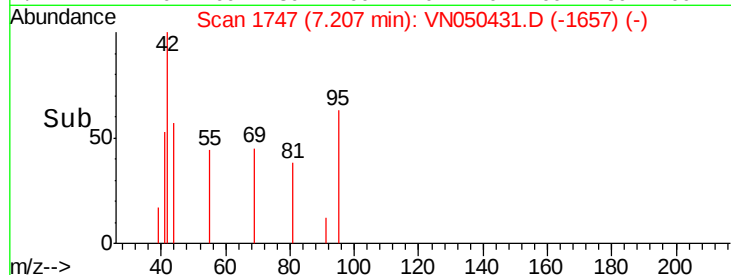
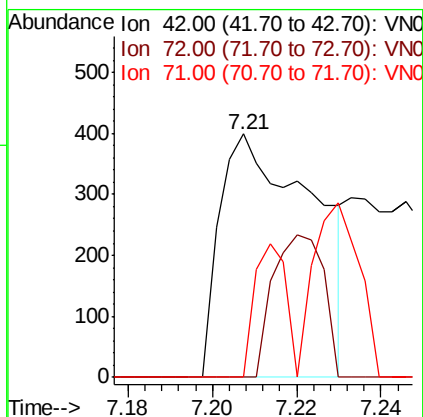
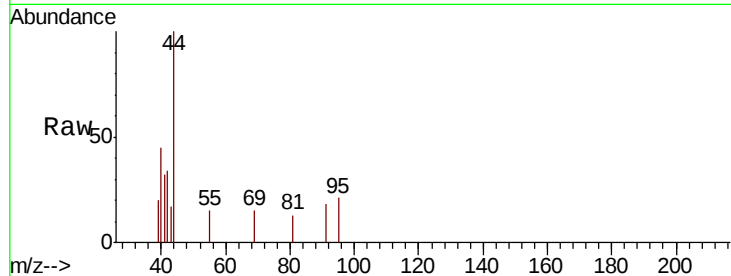




#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

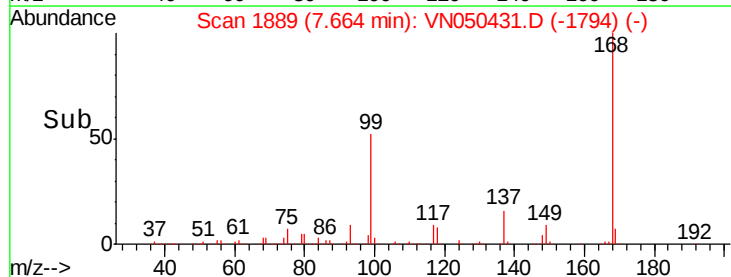
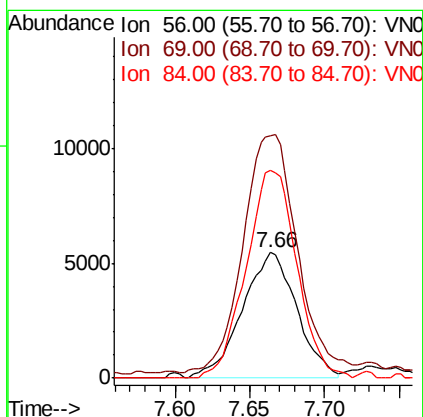
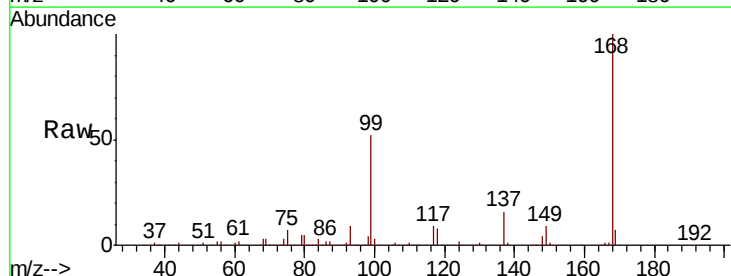
Instrument :
MSVOA_N
ClientSampled :
TP-6

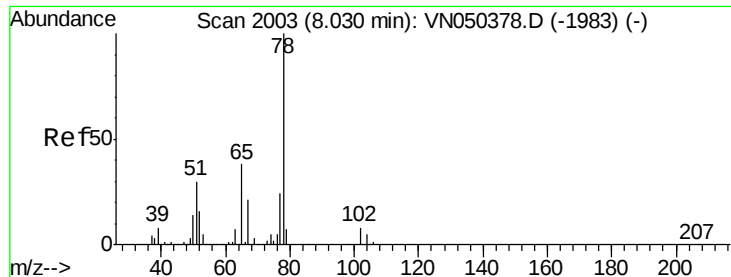
Tot Ion: 42 Resp: 612
Ion Ratio Lower Upper
42 100
72 31.5 35.9 53.9#
71 18.5 33.7 50.5#



#31
Cyclohexane
Concen: 0.36 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Tgt Ion: 56 Resp: 13841
Ion Ratio Lower Upper
56 100
69 186.4 26.2 39.4#
84 165.6 67.4 101.0#

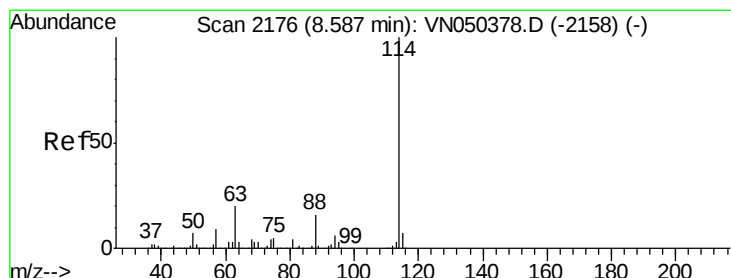
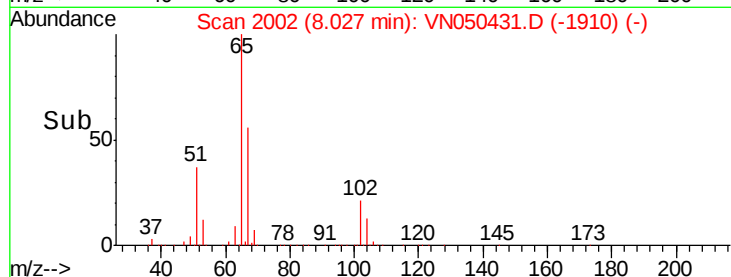
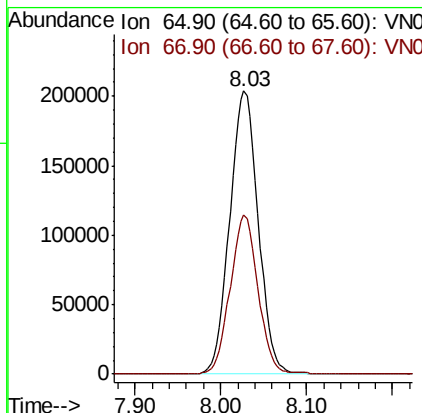
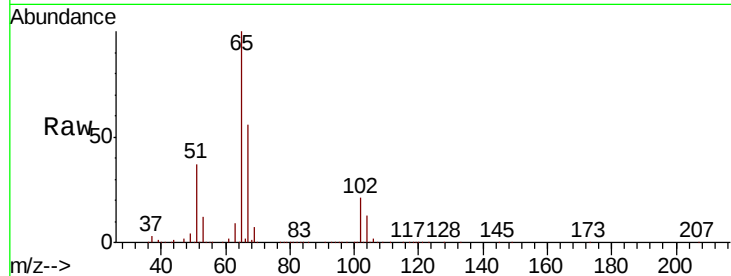




#33
 1,2-Dichloroethane-d4
 Concen: 47.67 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

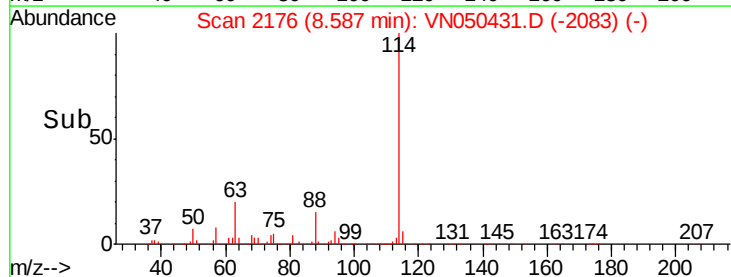
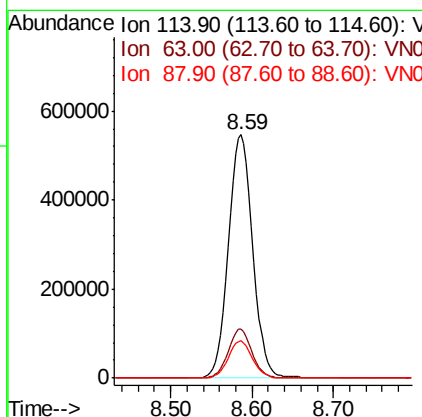
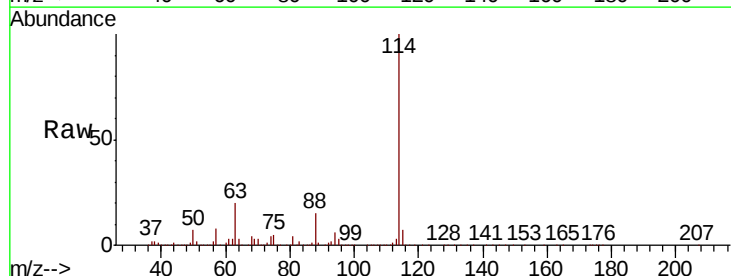
Instrument :
 MSVOA_N
 ClientSampled :
 TP-6

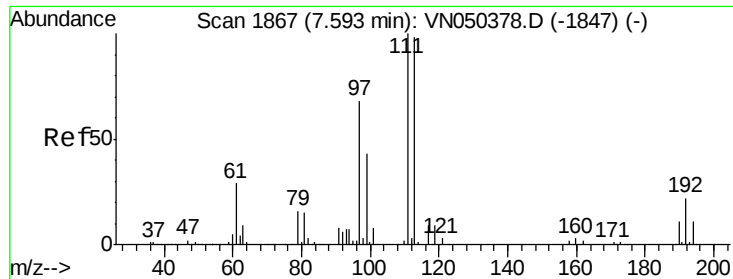
Tot Ion: 65 Resp: 469344
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

Tgt Ion: 114 Resp: 1144633
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 31.2

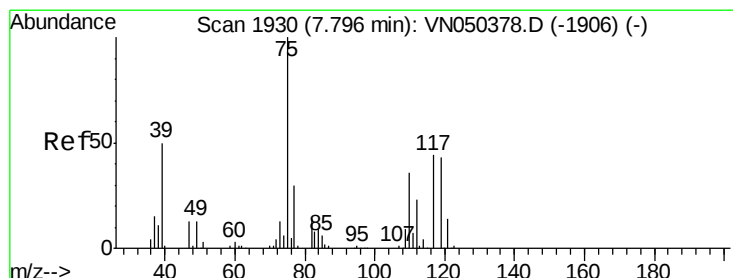
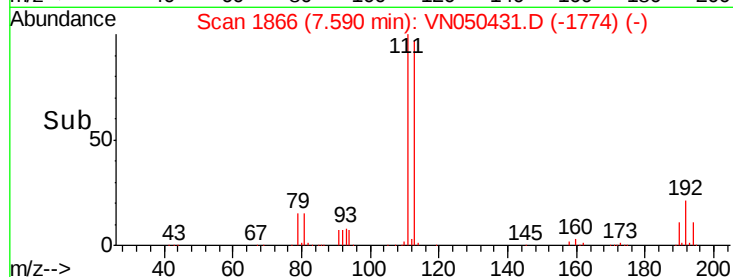
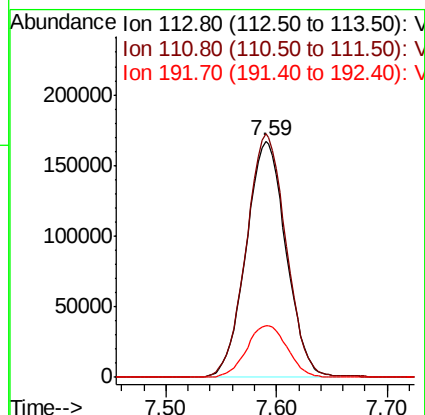
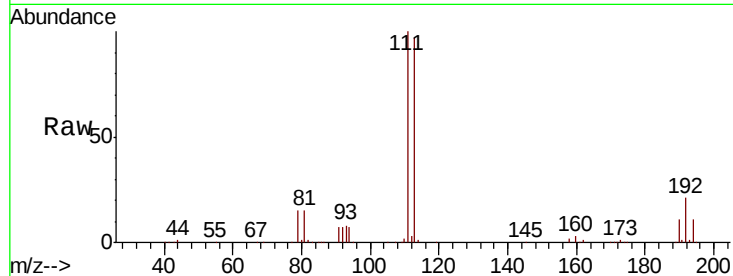




#35
 Dibromofluoromethane
 Concen: 45.63 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

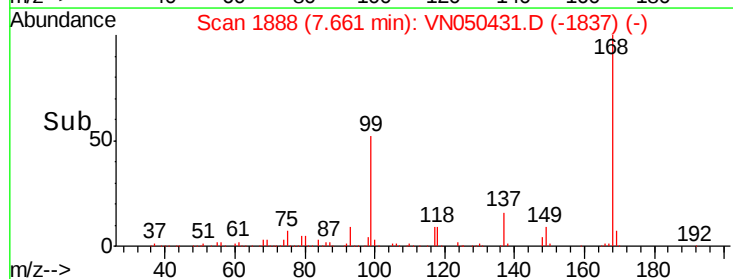
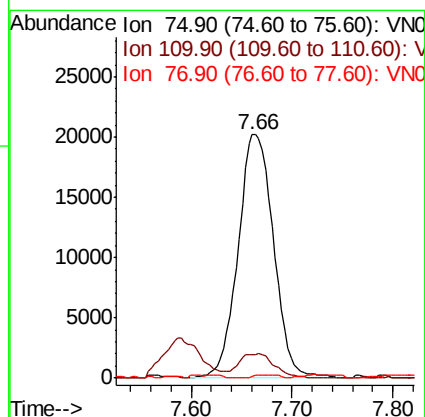
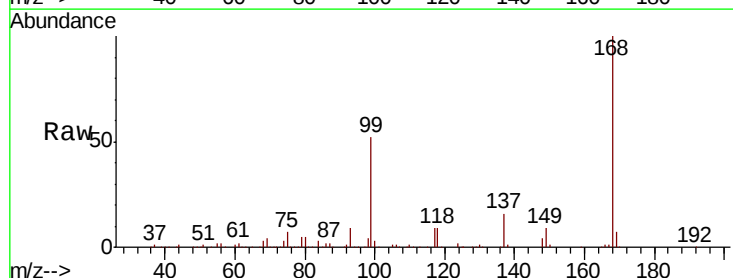
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6

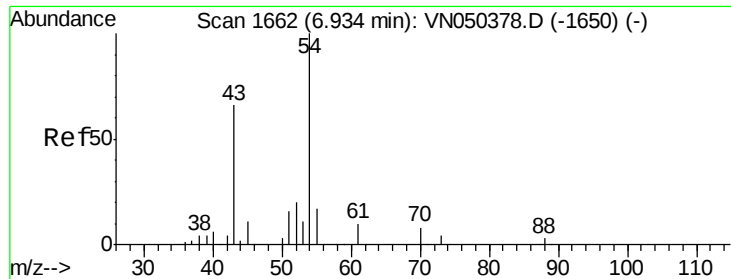
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.7	121.1
192	22.3	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 3.92 ug/l
 RT: 7.66 min Scan# 1888
 Delta R.T. -0.13 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.4	55.2#
77	0.8	25.3	37.9#

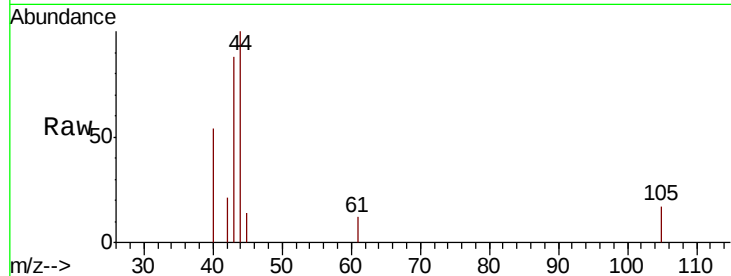




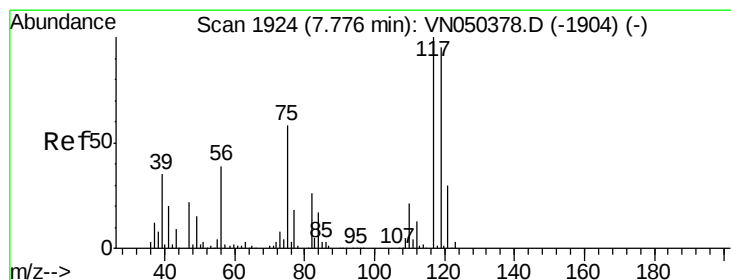
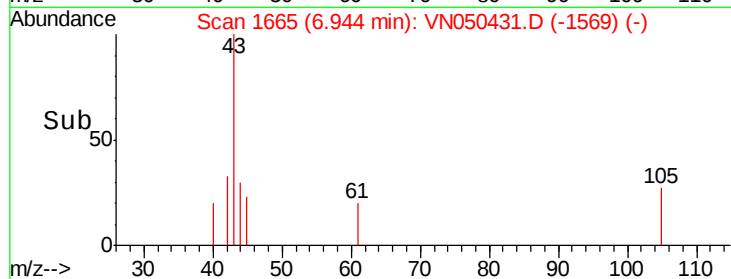
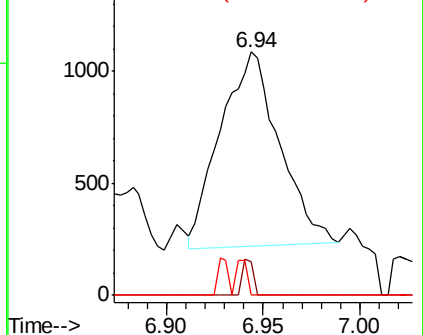
#37
Ethyl Acetate
Concen: 0.20 ug/l
RT: 6.94 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
TP-6

Tot Ion: 43 Resp: 1841
Ion Ratio Lower Upper
43 100
61 3.3 11.8 17.8#
70 3.3 8.4 12.6#

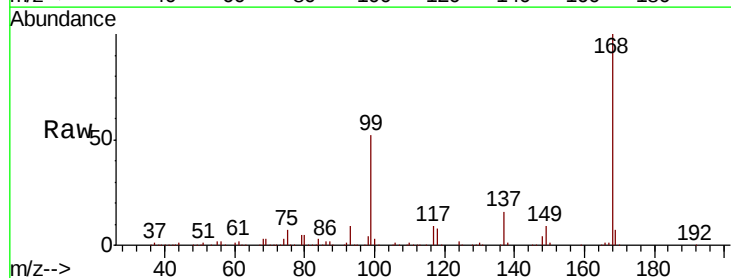


Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-1650) (-)
Ion 60.90 (60.60 to 61.60): VN050378.D (-1650) (-)
Ion 70.00 (69.70 to 70.70): VN050378.D (-1650) (-)

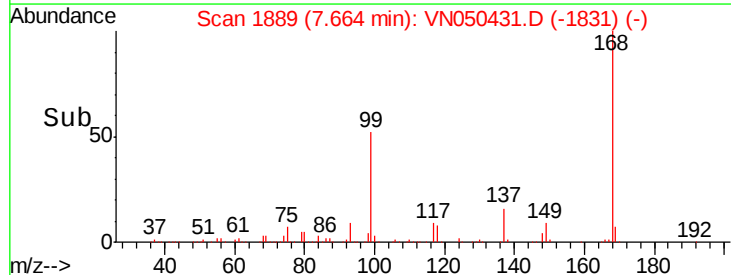
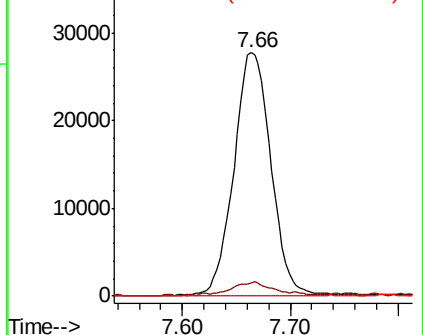


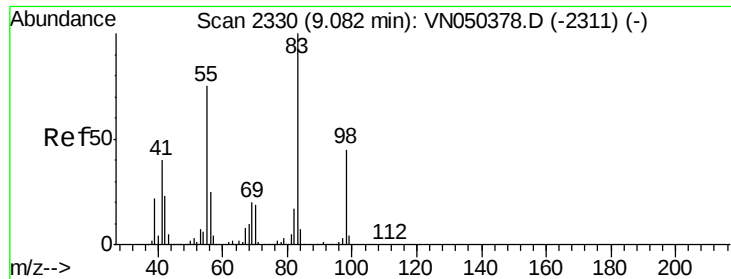
#38
Carbon Tetrachloride
Concen: 5.09 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.11 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Tgt Ion: 117 Resp: 66721
Ion Ratio Lower Upper
117 100
119 4.5 77.4 116.0#
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): VN050378.D (-1904) (-)
Ion 118.80 (118.50 to 119.50): VN050378.D (-1904) (-)
Ion 120.80 (120.50 to 121.50): VN050378.D (-1904) (-)

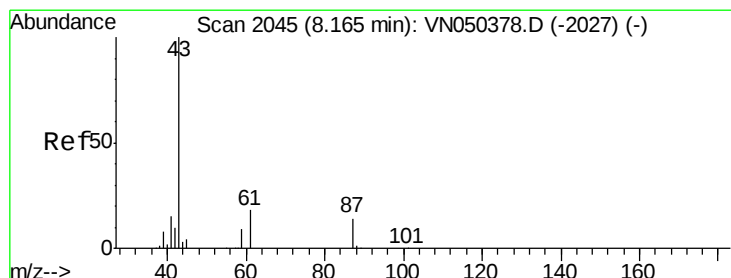
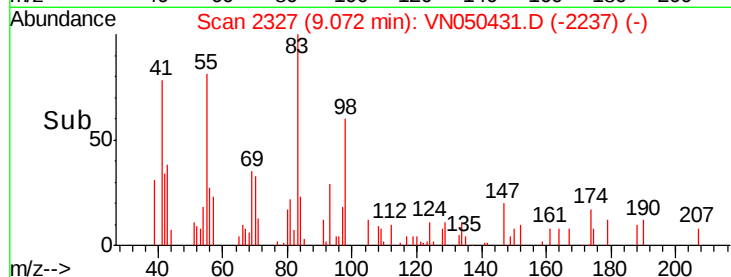
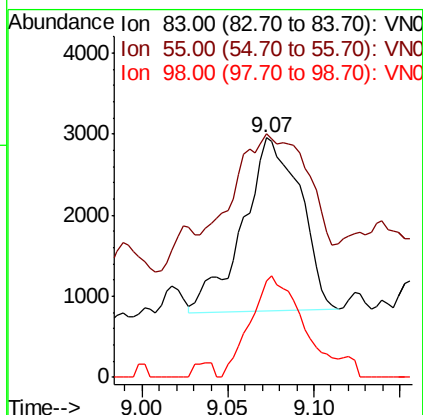
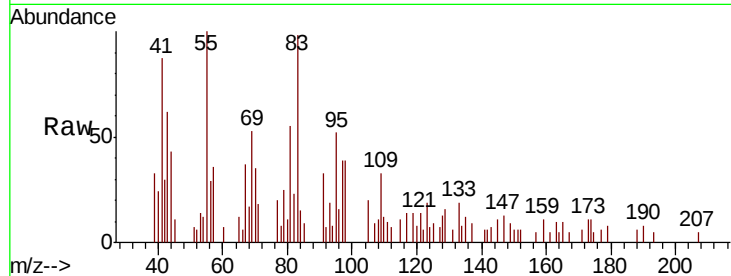




#39
Methylcyclohexane
Concen: 0.36 ug/l
RT: 9.07 min Scan# 2327
Delta R.T. -0.01 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

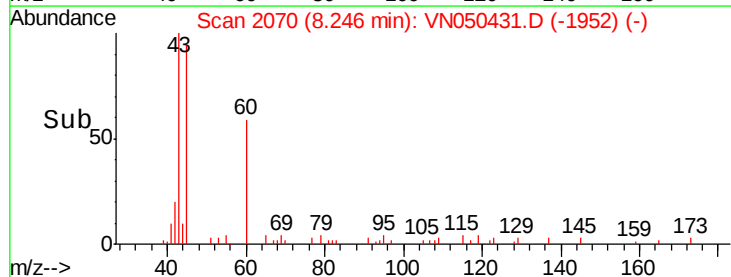
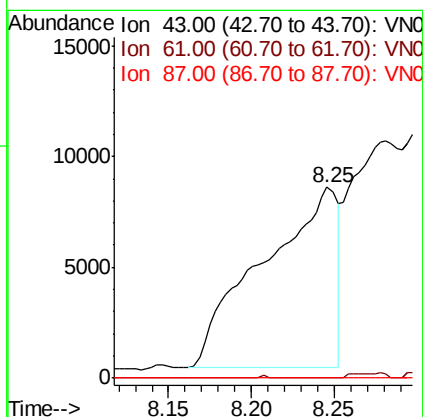
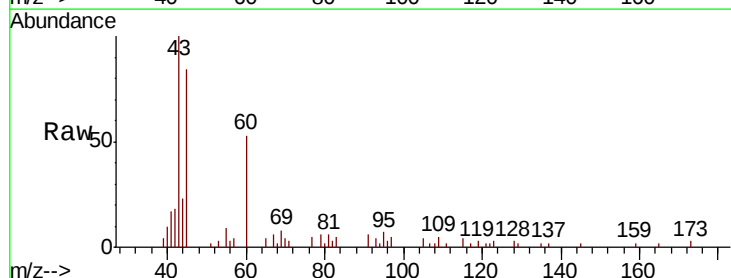
Instrument :
MSVOA_N
ClientSampled :
TP-6

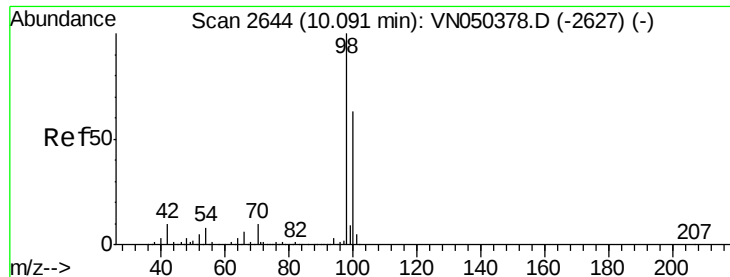
Tot Ion: 83 Resp: 5001
Ion Ratio Lower Upper
83 100
55 64.3 61.8 92.8
98 56.0 36.5 54.7#



#43
Isopropyl Acetate
Concen: 1.63 ug/l
RT: 8.25 min Scan# 2070
Delta R.T. 0.08 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Tgt Ion: 43 Resp: 25458
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 10.3 15.5#

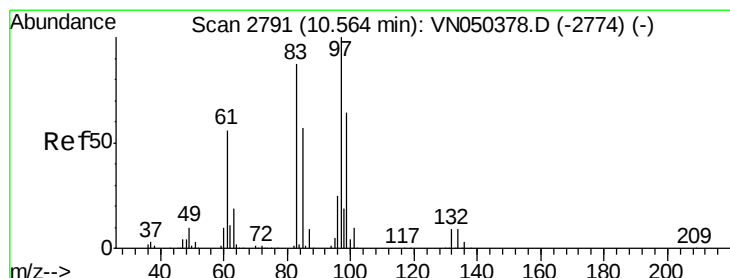
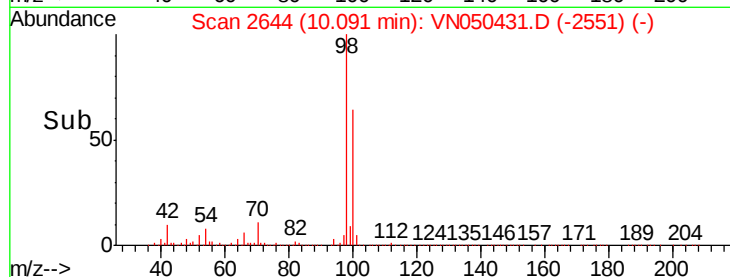
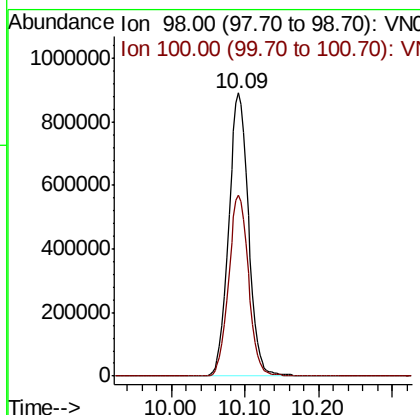
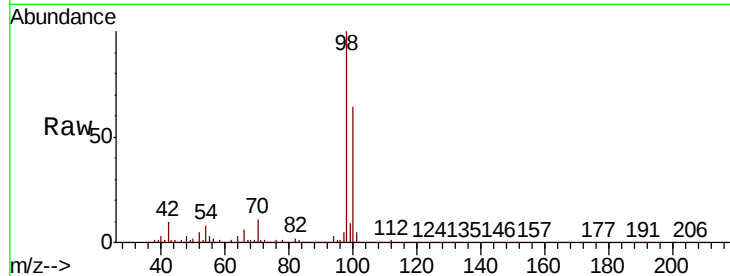




#50
Toluene-d8
Concen: 47.88 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

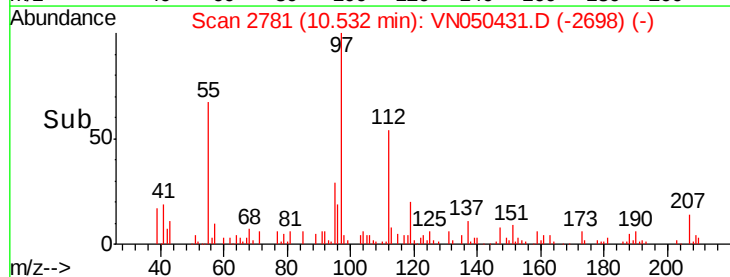
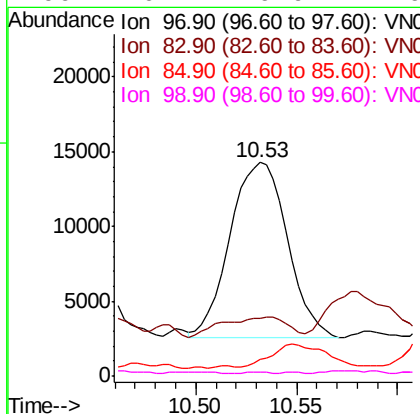
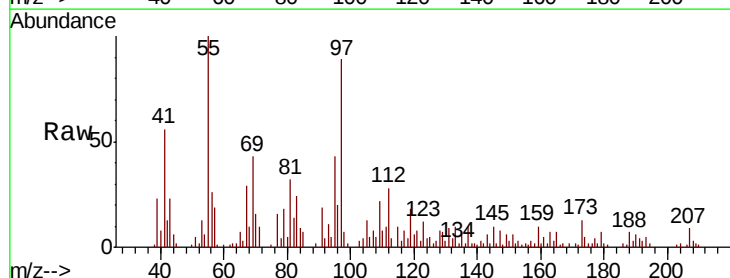
Instrument :
MSVOA_N
ClientSampled :
TP-6

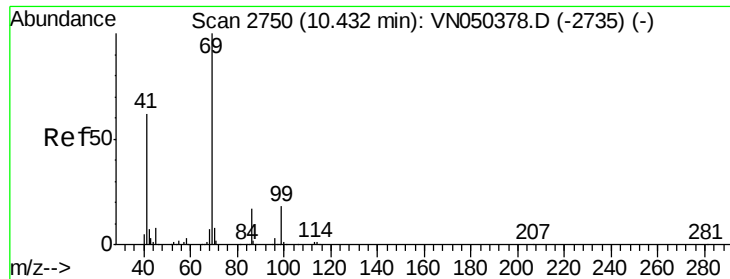
Tot Ion: 98 Resp: 1653316
Ion Ratio Lower Upper
98 100
100 64.3 50.7 76.1



#55
1,1,2-Trichloroethane
Concen: 2.58 ug/l
RT: 10.53 min Scan# 2781
Delta R.T. -0.03 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Tgt Ion: 97 Resp: 23365
Ion Ratio Lower Upper
97 100
83 10.6 69.2 103.8#
85 4.7 44.0 66.0#
99 0.4 49.9 74.9#





#56

Ethyl methacrylate

Concen: 2.44 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

TP-6

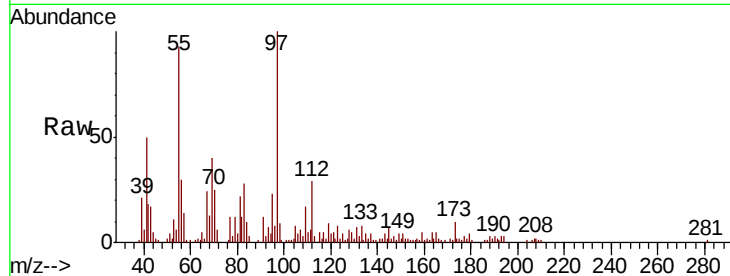
Tot Ion: 69 Resp: 9656

Ion Ratio Lower Upper

69 100

41 143.1 51.0 76.4#

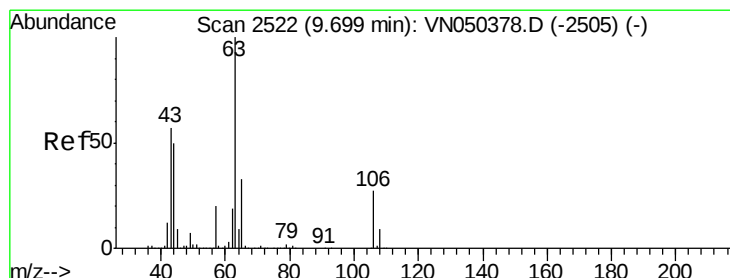
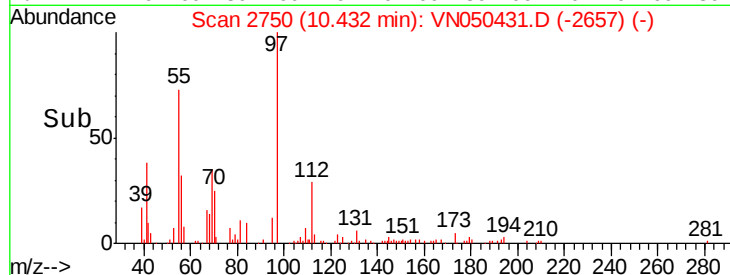
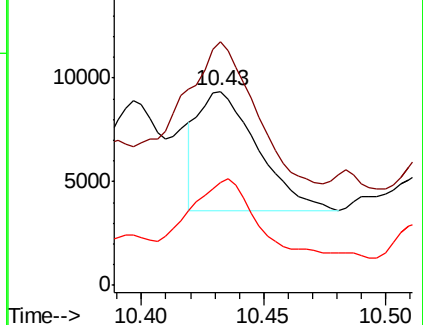
39 67.2 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN050431.D (-2657) (-)

Ion 41.00 (40.70 to 41.70): VN050431.D (-2657) (-)

Ion 39.00 (38.70 to 39.70): VN050431.D (-2657) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 7.40 ug/l

RT: 9.69 min Scan# 2518

Delta R.T. -0.01 min

Lab File: VN050431.D

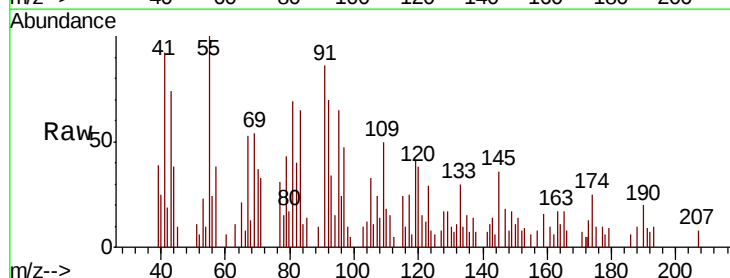
Acq: 7 Aug 2018 15:01

Tgt Ion: 63 Resp: 48

Ion Ratio Lower Upper

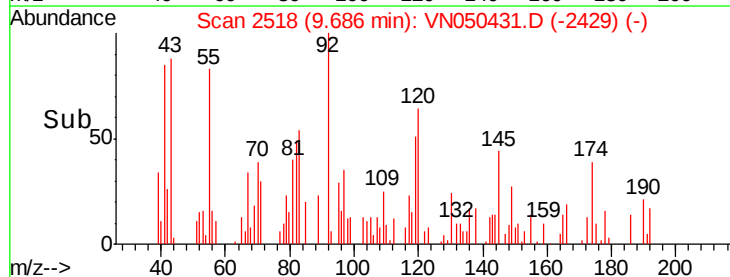
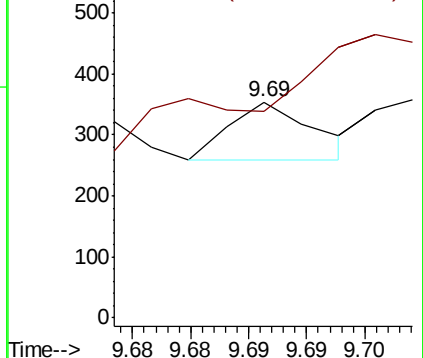
63 100

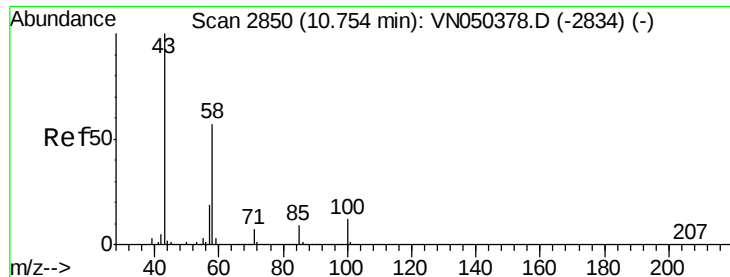
106 116.7 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN050431.D (-2429) (-)

Ion 105.90 (105.60 to 106.60): VN050431.D (-2429) (-)





#59

2-Hexanone

Concen: 9.10 ug/l

RT: 10.72 min Scan# 2839

Delta R.T. -0.04 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

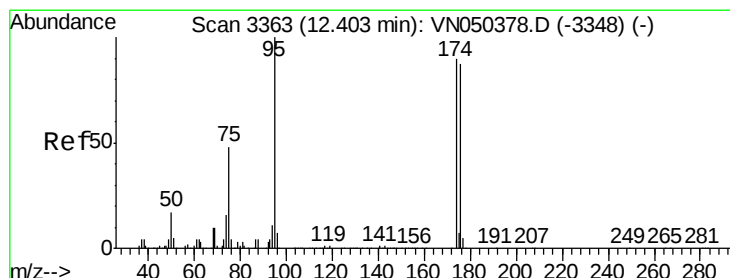
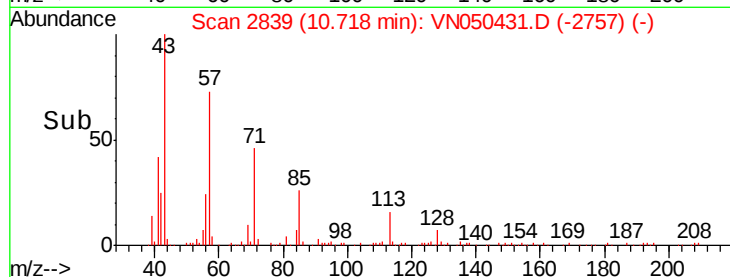
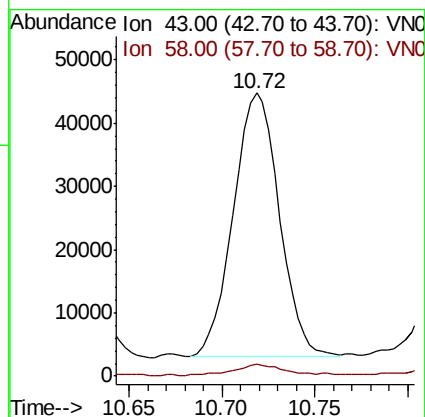
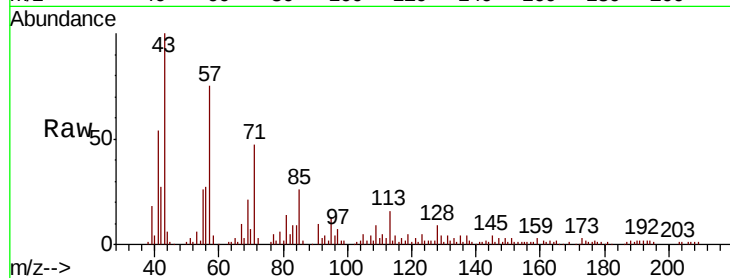
TP-6

Tot Ion: 43 Resp: 71473

Ion Ratio Lower Upper

43 100

58 4.4 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 49.78 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

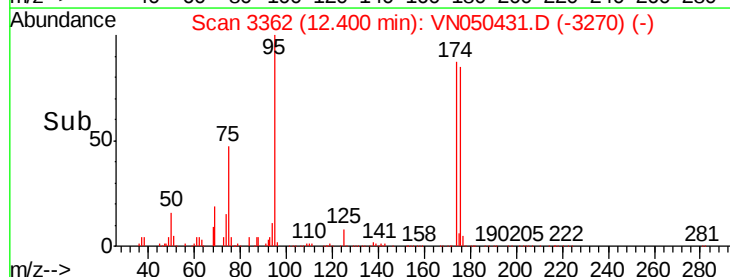
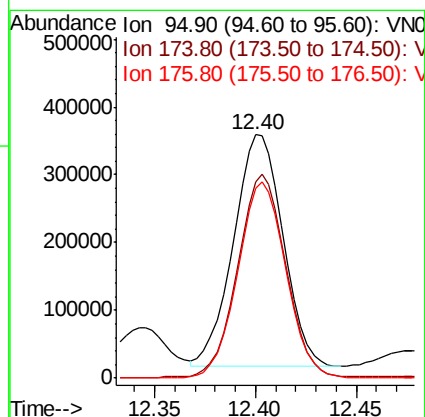
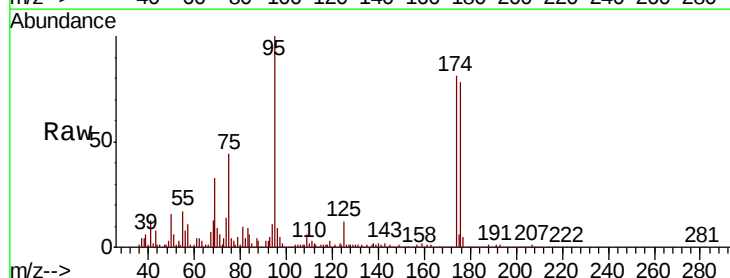
Tgt Ion: 95 Resp: 585861

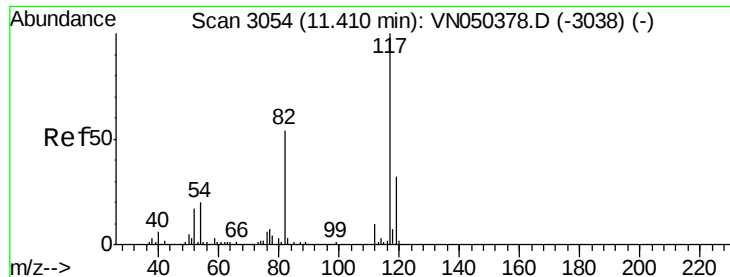
Ion Ratio Lower Upper

95 100

174 85.1 0.0 178.2

176 82.5 0.0 173.4

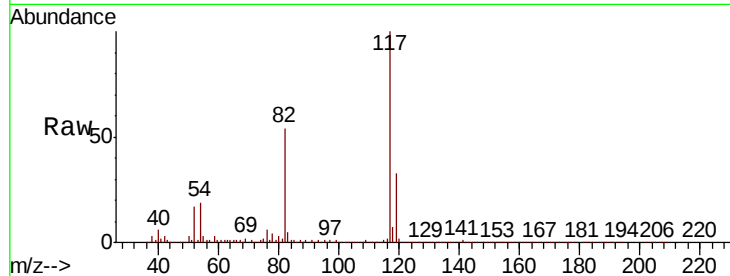




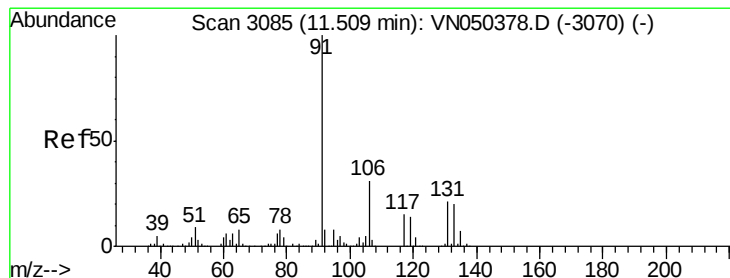
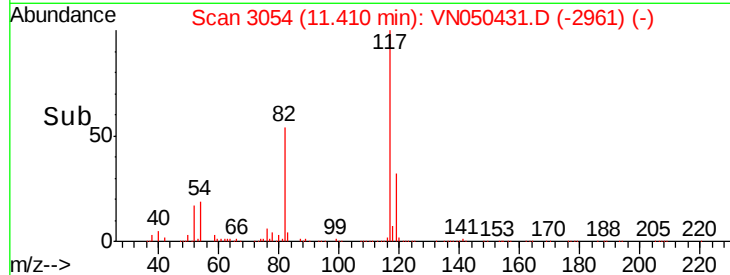
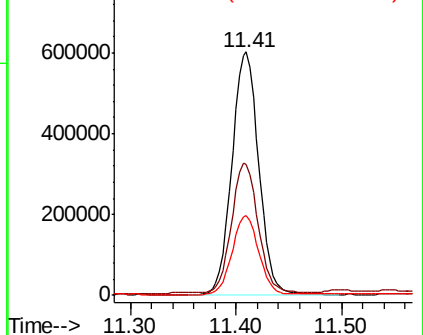
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
TP-6

Tot Ion:117 Resp: 1051155
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 32.4 26.1 39.1

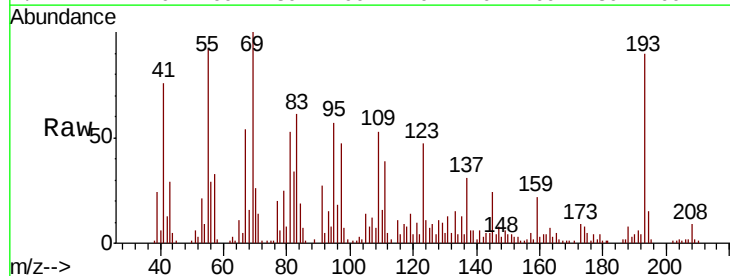


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

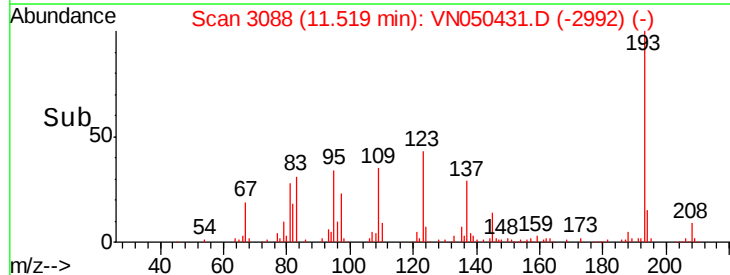
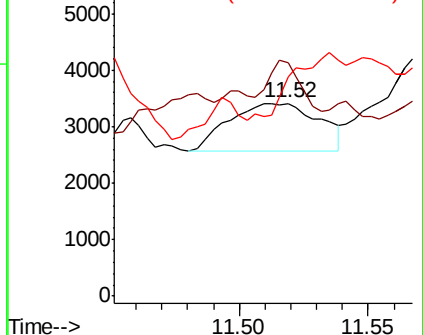


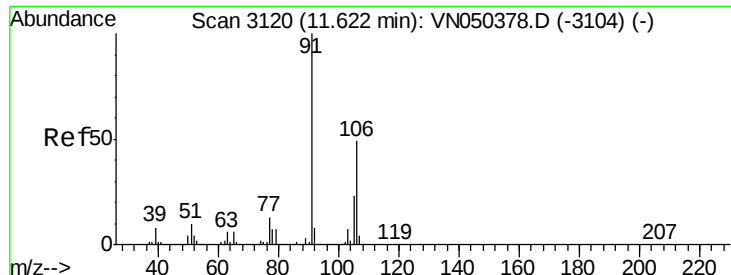
#66
1,1,1,2-Tetrachloroethane
Concen: 0.22 ug/l
RT: 11.52 min Scan# 3088
Delta R.T. 0.01 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Tgt Ion:131 Resp: 2079
Ion Ratio Lower Upper
131 100
133 44.1 47.3 141.9#
119 0.0 32.9 98.7#



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#68

m/p-Xvlenes

Concen: 0.29 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

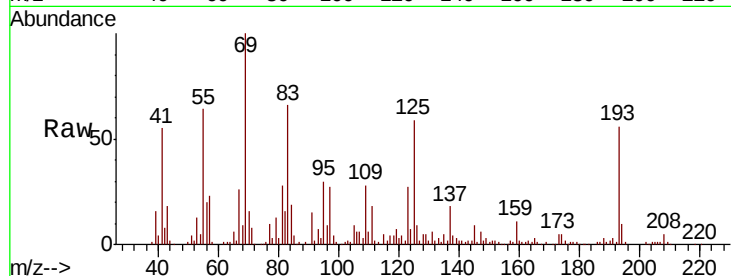
TP-6

Tot Ion:106 Resp: 4691

Ion Ratio Lower Upper

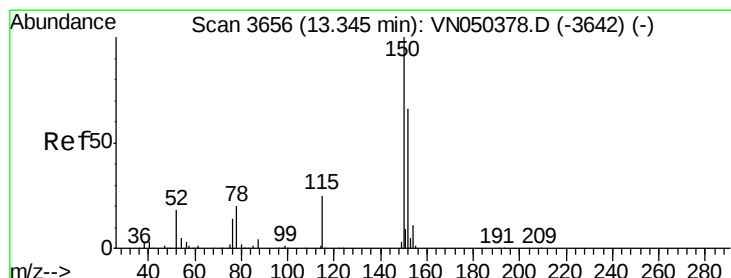
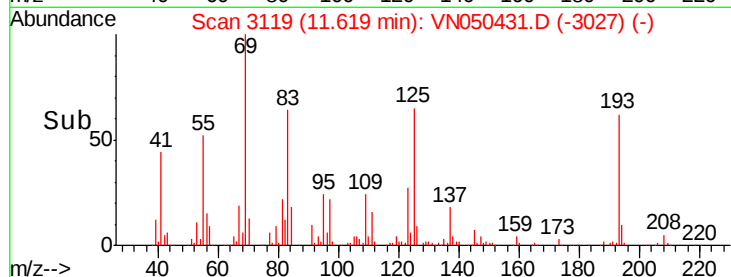
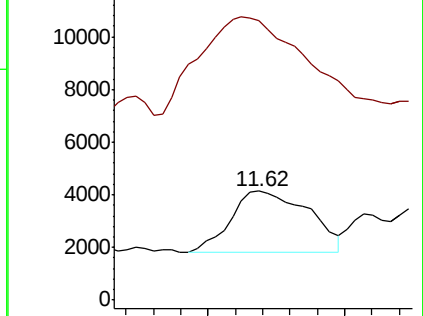
106 100

91 218.6 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

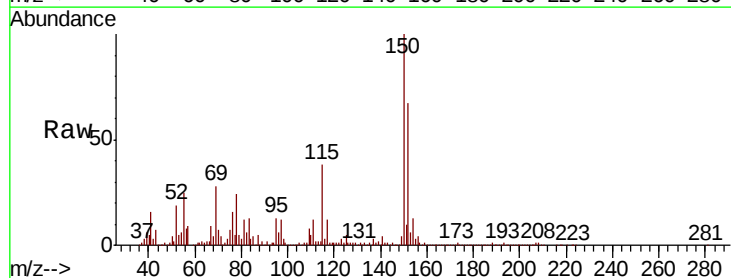
Tgt Ion:152 Resp: 579197

Ion Ratio Lower Upper

152 100

115 53.2 27.8 83.3

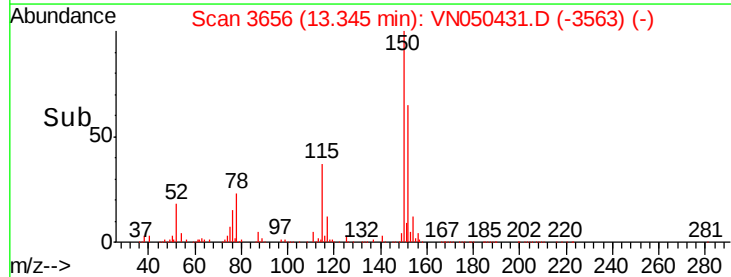
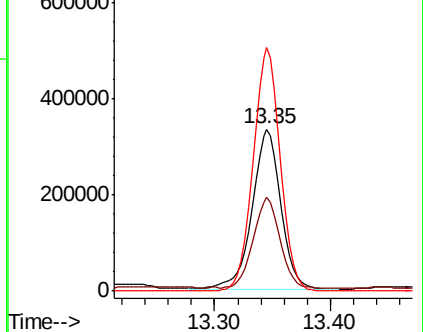
150 141.2 0.0 348.6

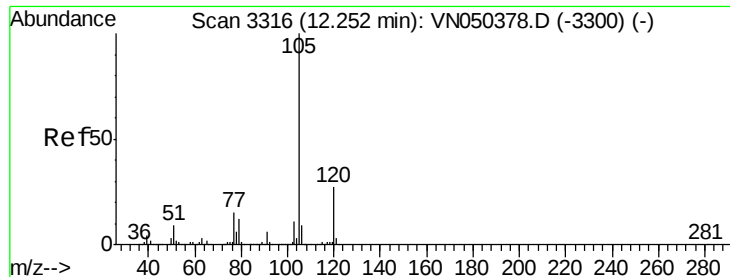


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.29 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

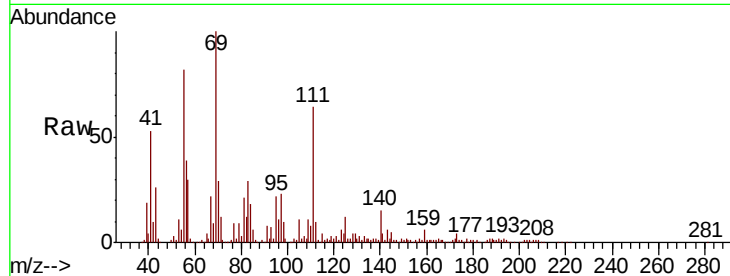
TP-6

Tot Ion:105 Resp: 12528

Ion Ratio Lower Upper

105 100

120 8.8 13.3 39.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

4000

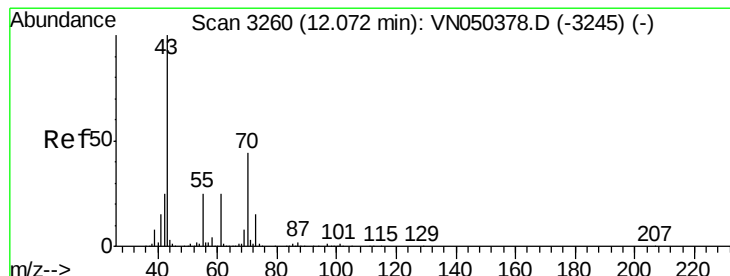
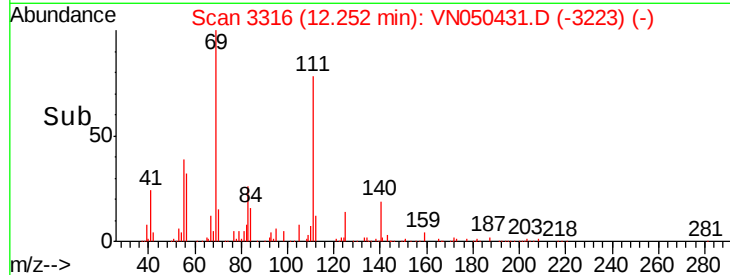
2000

0

Time-->

12.20 12.25 12.30

12.25



#74

N-ethyl acetate

Concen: 29.81 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Tgt Ion: 43 Resp: 420152

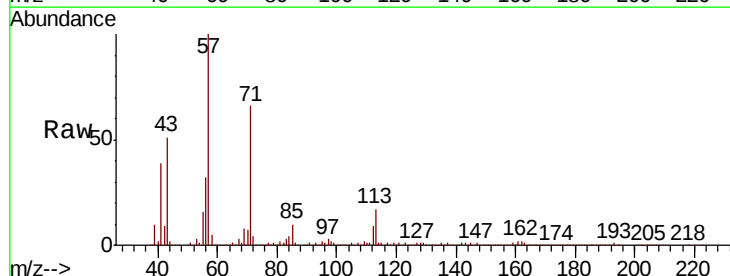
Ion Ratio Lower Upper

43 100

70 10.2 34.4 51.6#

55 10.7 20.8 31.2#

61 0.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

400000

300000

200000

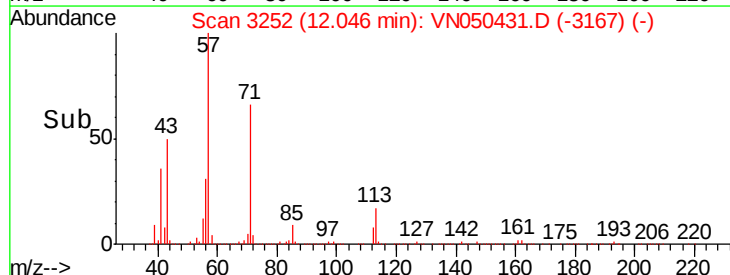
100000

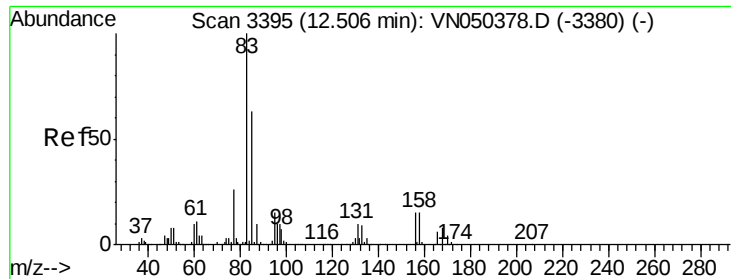
0

Time-->

12.00 12.05

12.05





#75

1,1,2,2-Tetrachloroethane

Concen: 4.81 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. -0.03 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

TP-6

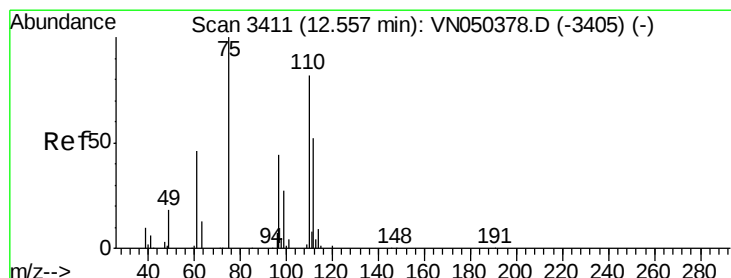
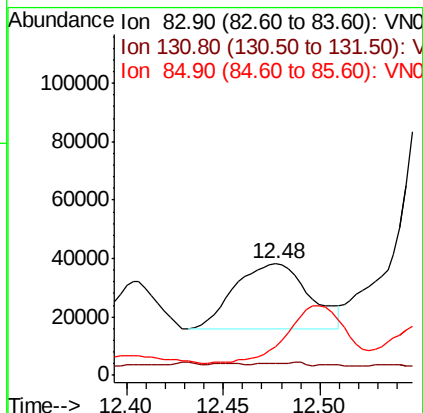
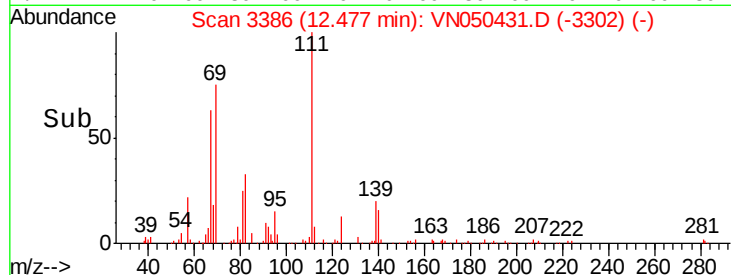
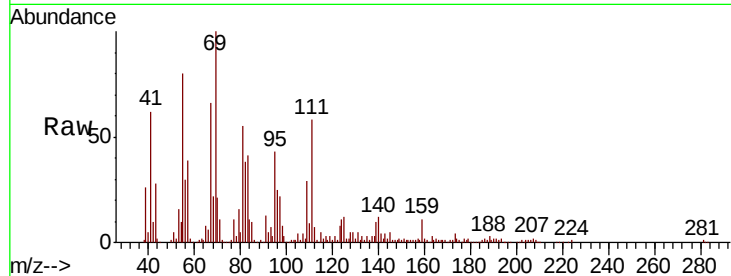
Tot Ion: 83 Resp: 60372

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 25.07 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050431.D

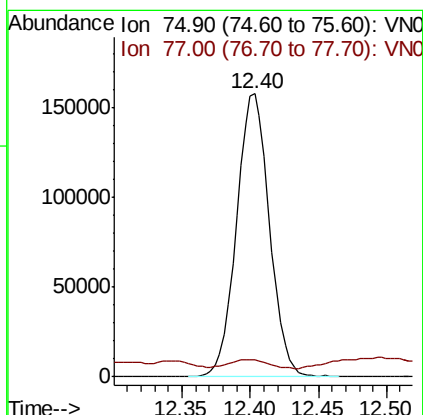
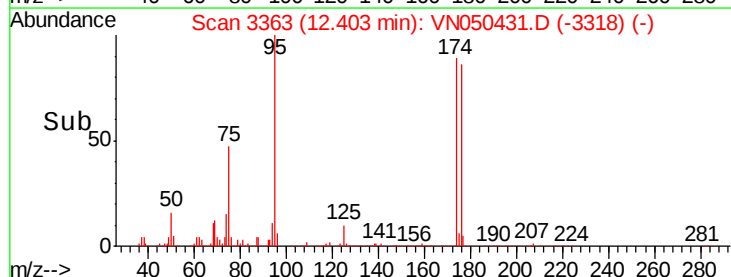
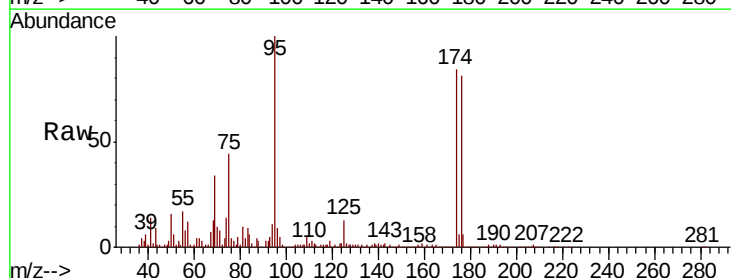
Acq: 7 Aug 2018 15:01

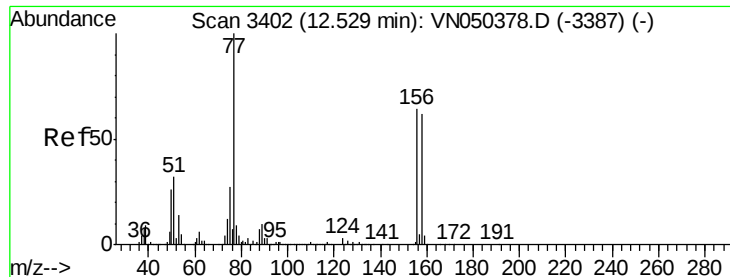
Tgt Ion: 75 Resp: 262877

Ion Ratio Lower Upper

75 100

77 3.5 0.0 0.0#





#77

Bromobenzene

Concen: 1.00 ug/l

RT: 12.54 min Scan# 3407

Delta R.T. 0.02 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampleID :

TP-6

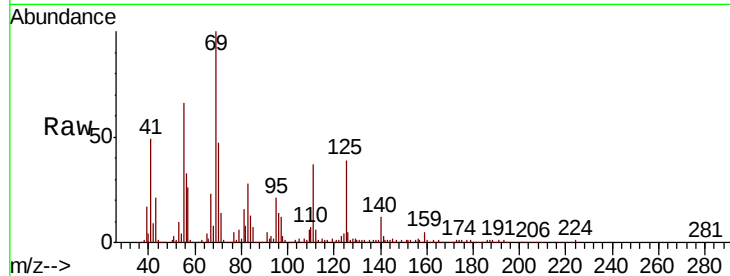
Tot Ion:156 Resp: 11685

Ion Ratio Lower Upper

156 100

77 0.0 91.7 275.1#

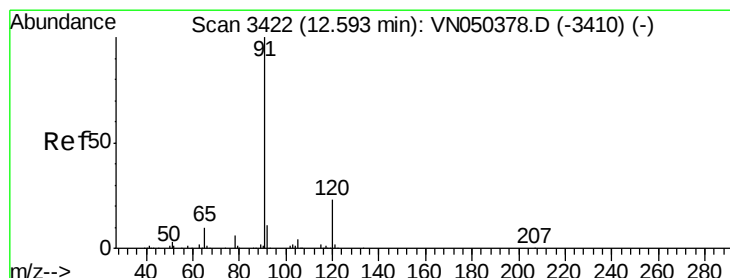
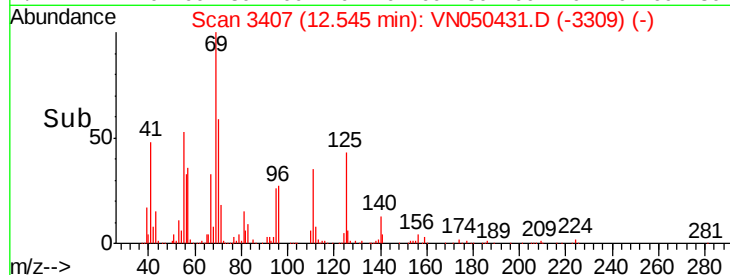
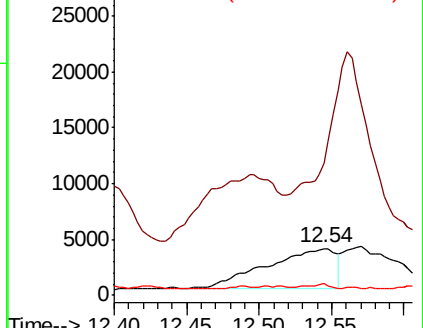
158 1.7 48.9 146.6#



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: 0.26 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. 0.08 min

Lab File: VN050431.D

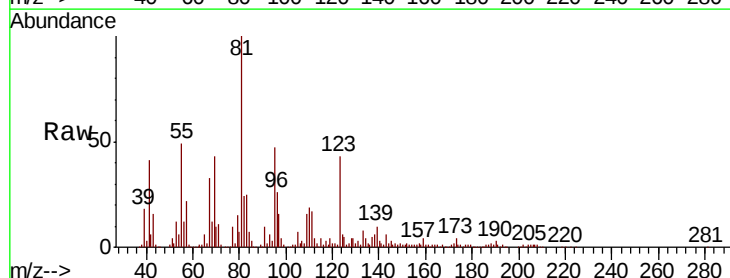
Acq: 7 Aug 2018 15:01

Tgt Ion: 91 Resp: 12855

Ion Ratio Lower Upper

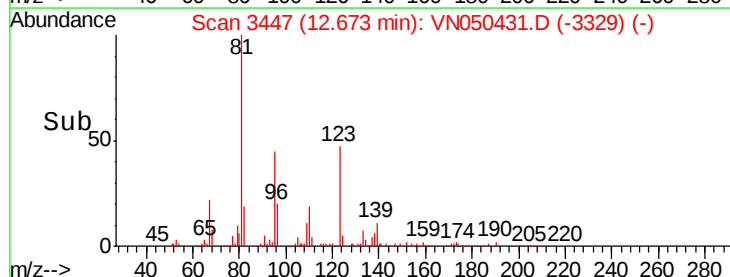
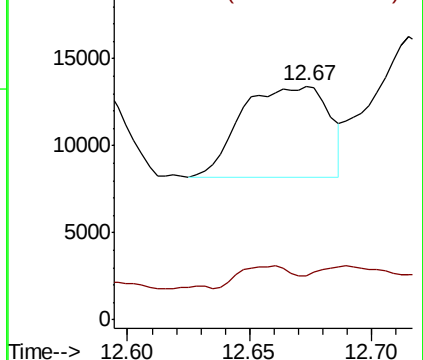
91 100

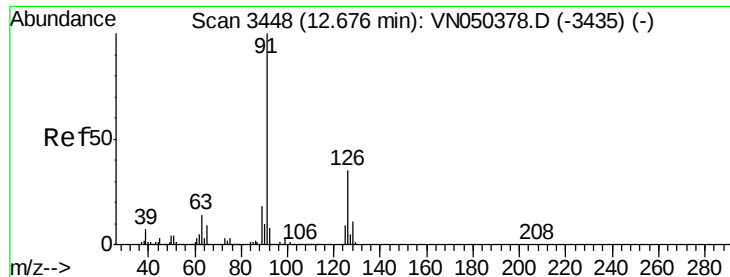
120 14.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.42 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

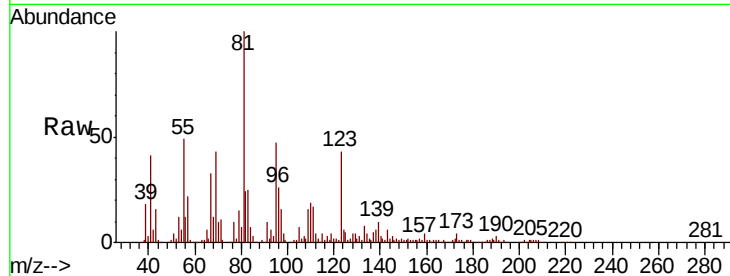
TP-6

Tot Ion: 91.00 Resp: 12855

Ion Ratio Lower Upper

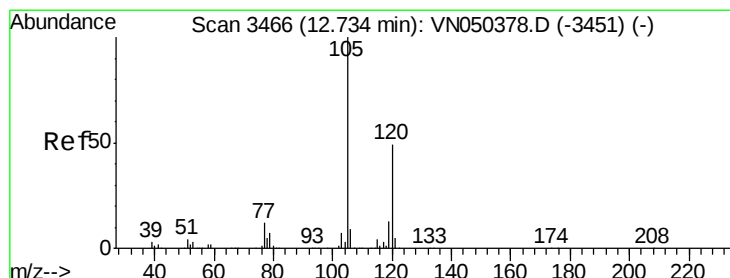
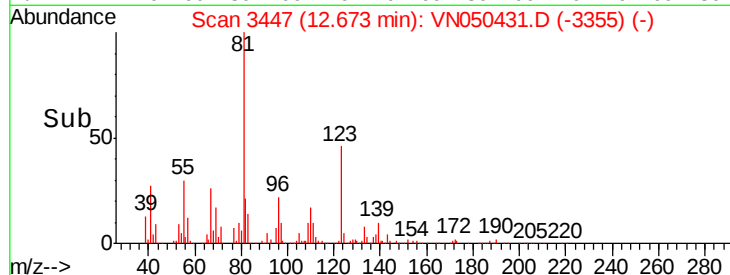
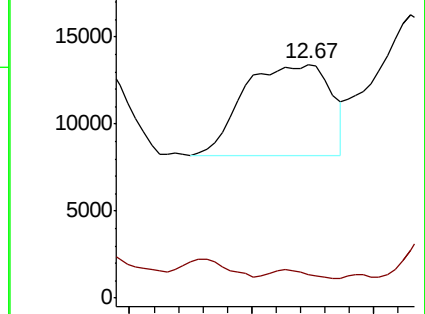
91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN050378.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN050378.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.46 ug/l

RT: 12.89 min Scan# 3514

Delta R.T. 0.15 min

Lab File: VN050431.D

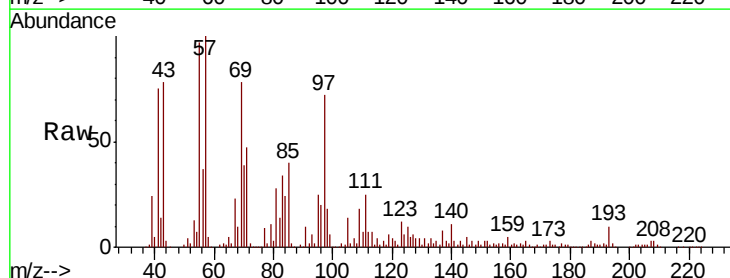
Acq: 7 Aug 2018 15:01

Tgt Ion:105 Resp: 16261

Ion Ratio Lower Upper

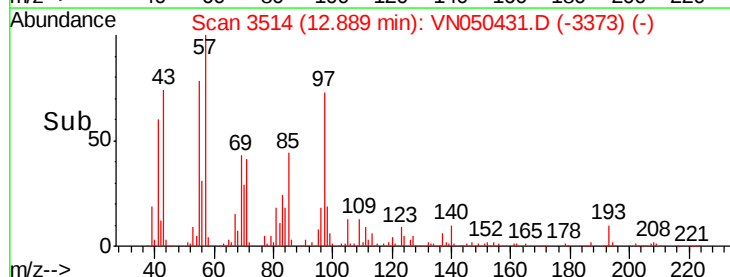
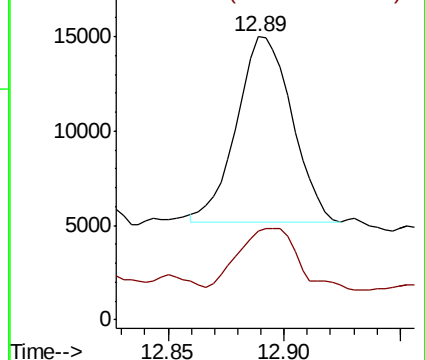
105 100

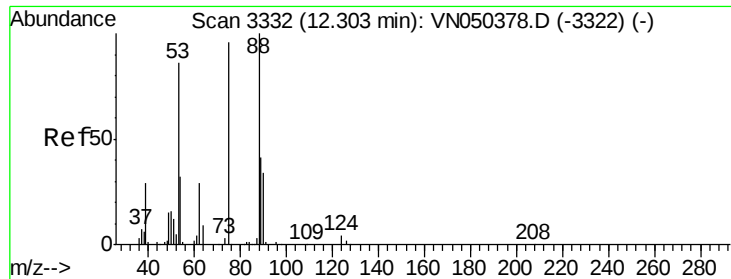
120 35.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050378.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN050378.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 88.10 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

TP-6

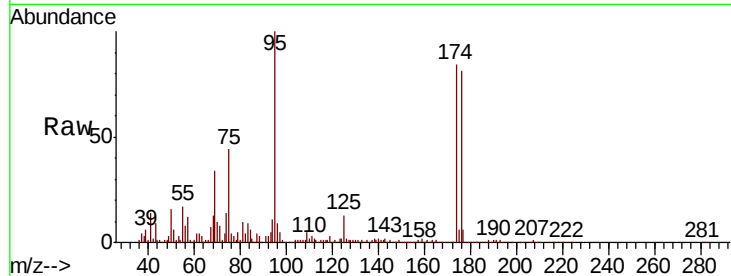
Tot Ion: 75 Resp: 262877

Ion Ratio Lower Upper

75 100

53 3.9 73.5 110.3#

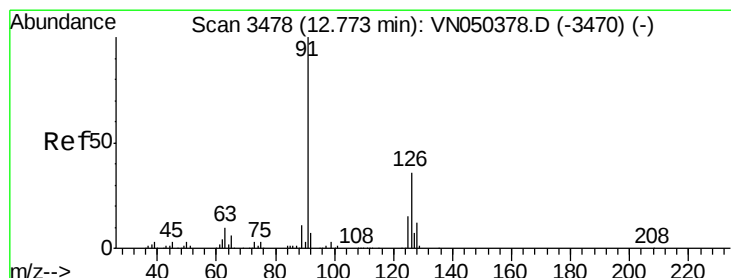
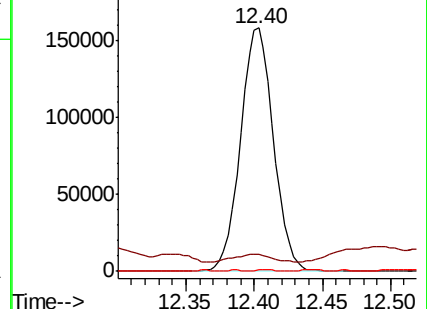
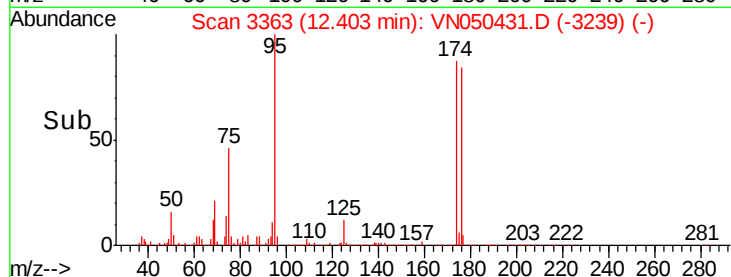
89 0.1 36.0 54.0#



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: 0.38 ug/l

RT: 12.72 min Scan# 3460

Delta R.T. -0.06 min

Lab File: VN050431.D

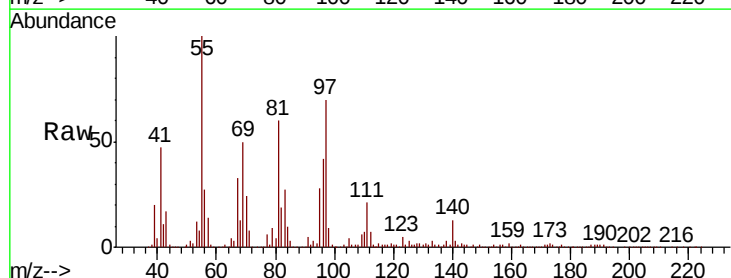
Acq: 7 Aug 2018 15:01

Tgt Ion: 91 Resp: 11502

Ion Ratio Lower Upper

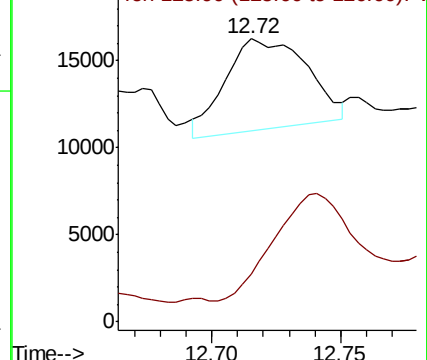
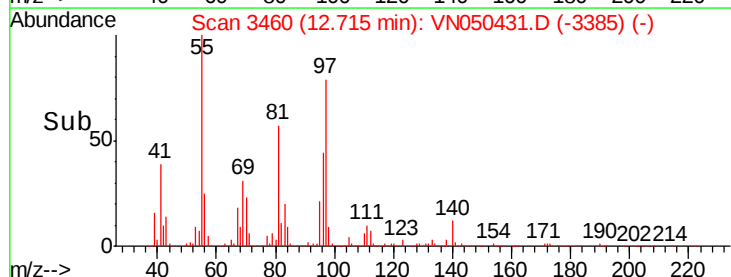
91 100

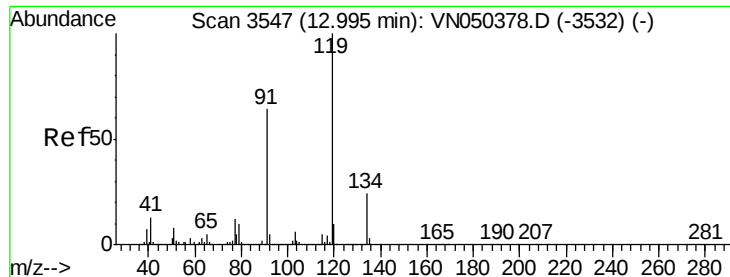
126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.81 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

TP-6

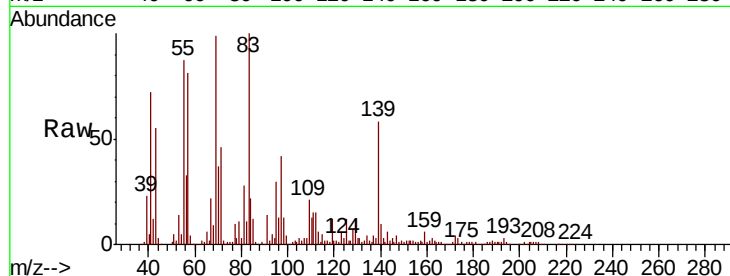
Tot Ion:119 Resp: 25050

Ion Ratio Lower Upper

119 100

91 80.4 32.1 96.3

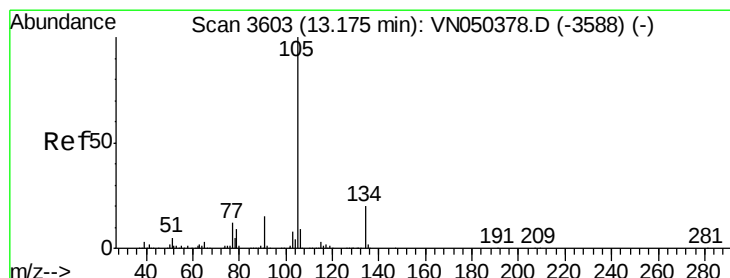
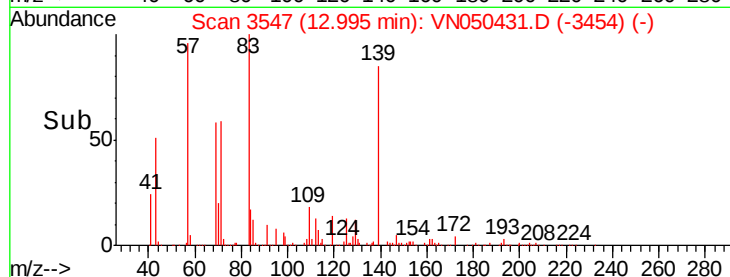
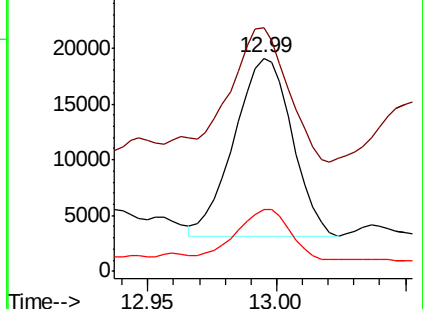
134 26.0 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 2.32 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050431.D

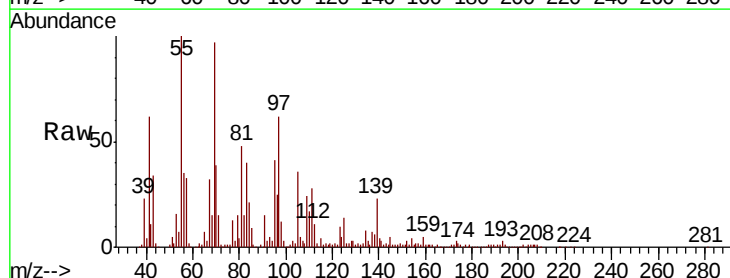
Acq: 7 Aug 2018 15:01

Tgt Ion:105 Resp: 95089

Ion Ratio Lower Upper

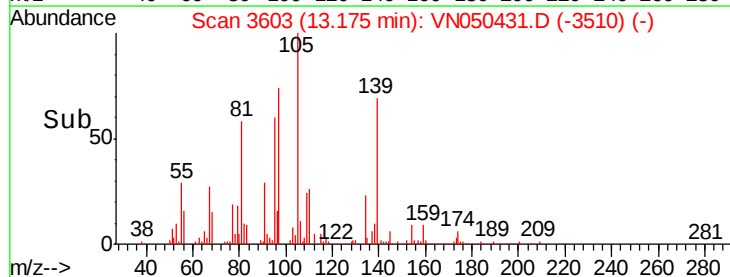
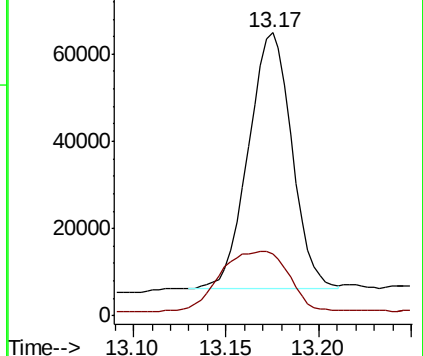
105 100

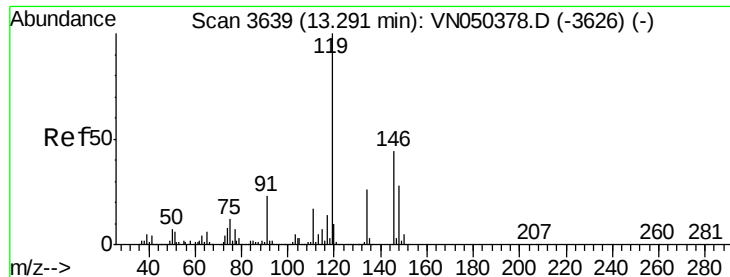
134 38.0 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

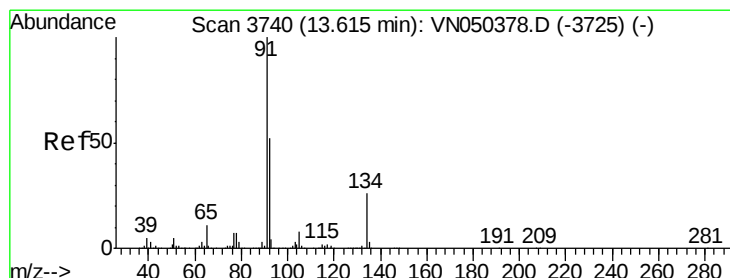
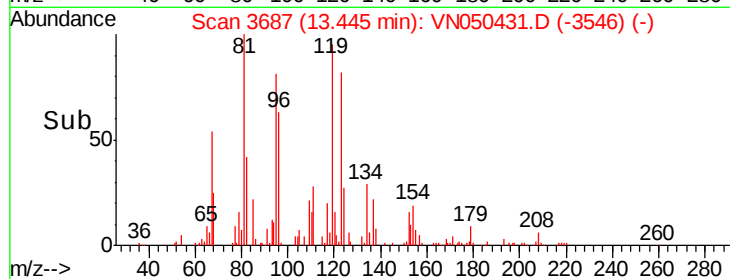
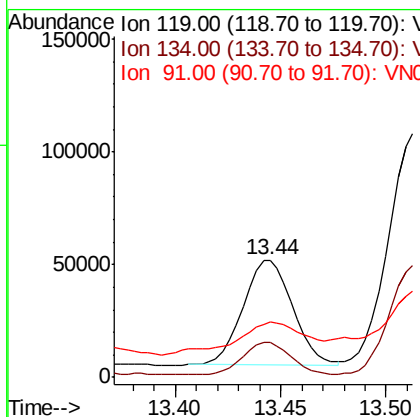
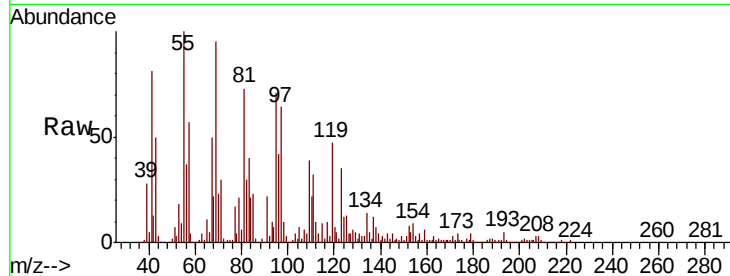




#86
 p-Isopropyltoluene
 Concen: 2.15 ug/l
 RT: 13.44 min Scan# 3687
 Delta R.T. 0.15 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

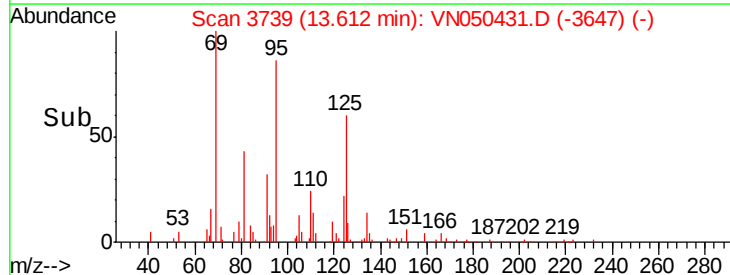
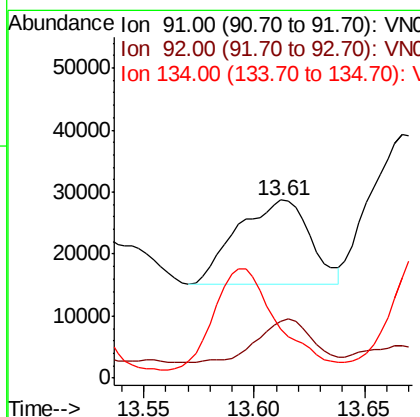
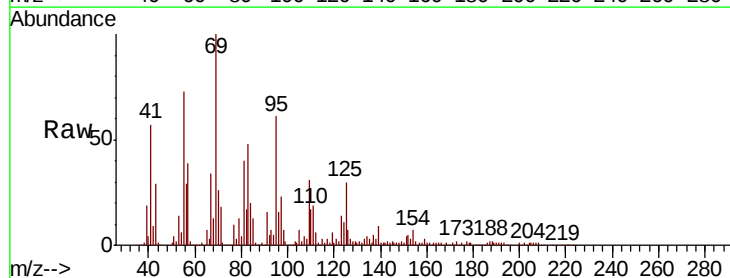
Instrument :
 MSVOA_N
 ClientSampleID :
 TP-6

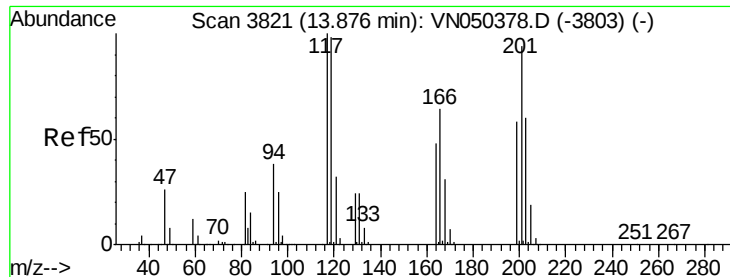
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.8	13.3	39.8
91	43.4	11.4	34.2



#89
 n-Butylbenzene
 Concen: 1.04 ug/l
 RT: 13.61 min Scan# 3739
 Delta R.T. -0.00 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.7	25.8	77.4
134	0.0	12.8	38.4





#90

Hexachloroethane

Concen: 7.94 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

Instrument :

MSVOA_N

ClientSampled :

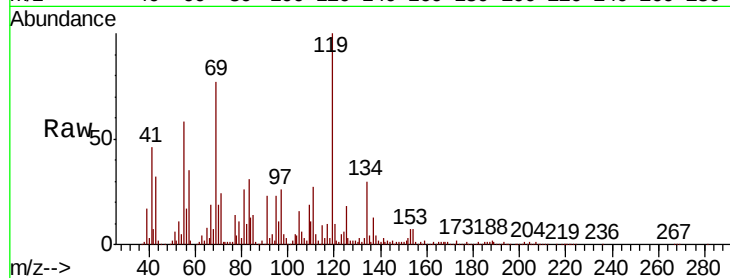
TP-6

Tot Ion:117 Resp: 49657

Ion Ratio Lower Upper

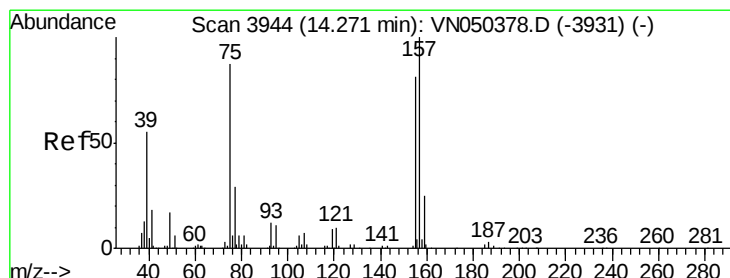
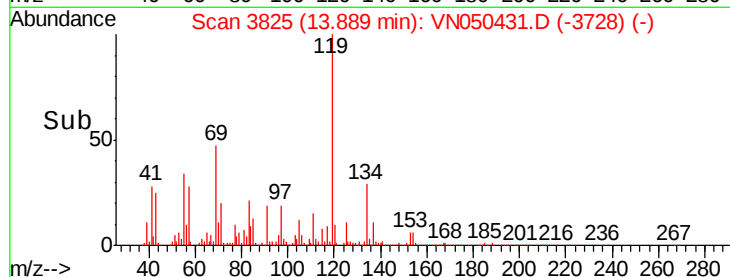
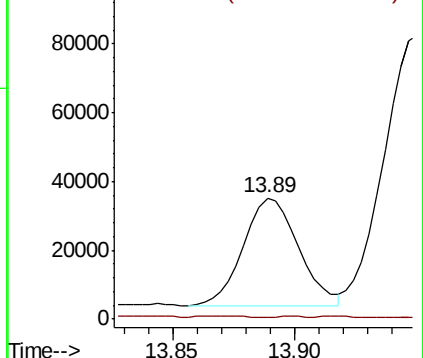
117 100

201 0.2 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.07 ug/l

RT: 14.29 min Scan# 3951

Delta R.T. 0.02 min

Lab File: VN050431.D

Acq: 7 Aug 2018 15:01

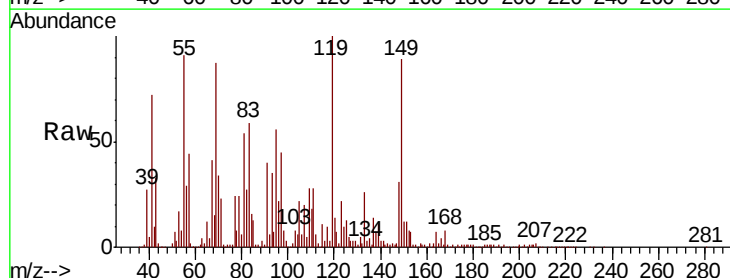
Tgt Ion: 75 Resp: 2285

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

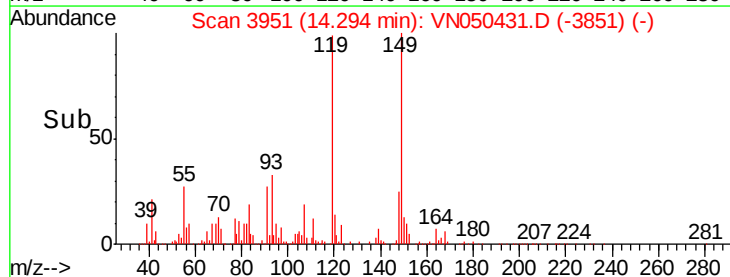
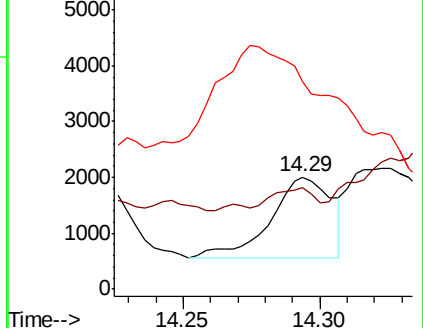
157 315.0 57.2 171.6#

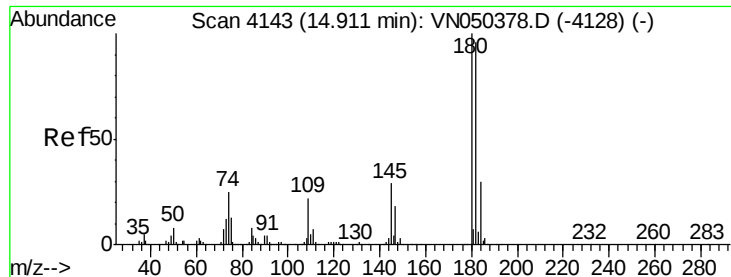


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

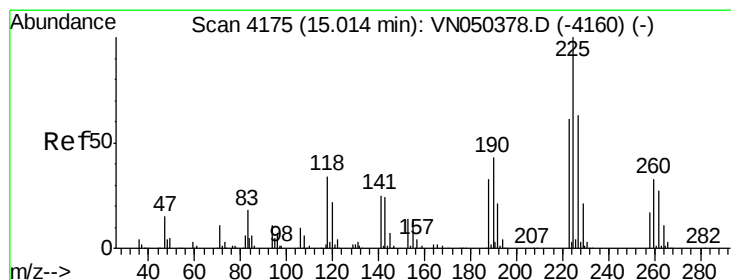
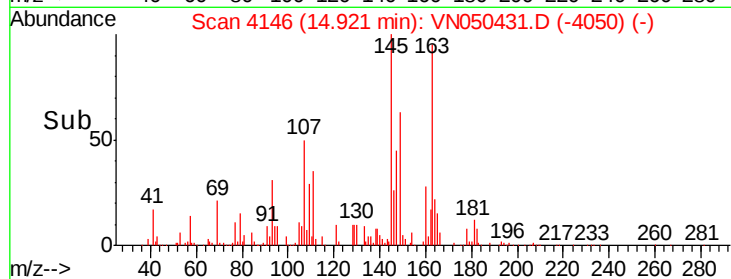
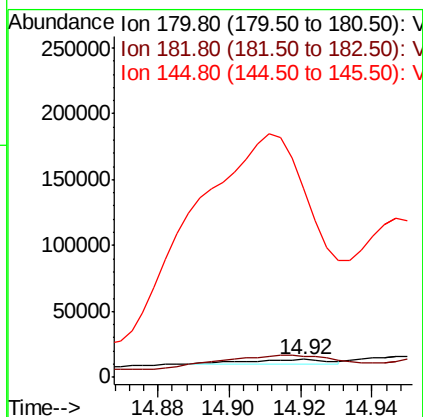
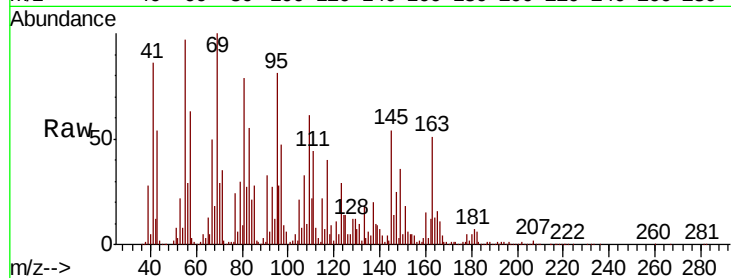




#93
 1,2,4-Trichlorobenzene
 Concen: 0.52 ua/l
 RT: 14.92 min Scan# 4146
 Delta R.T. 0.01 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

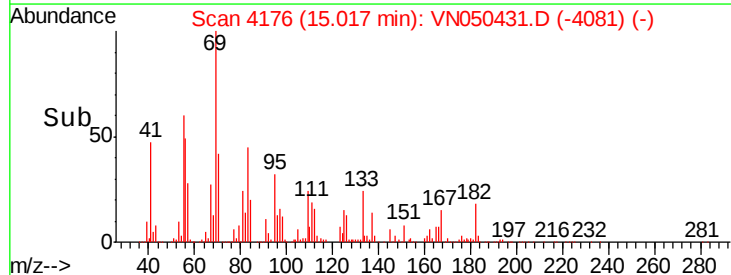
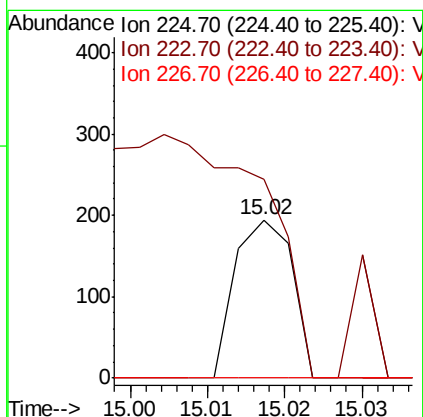
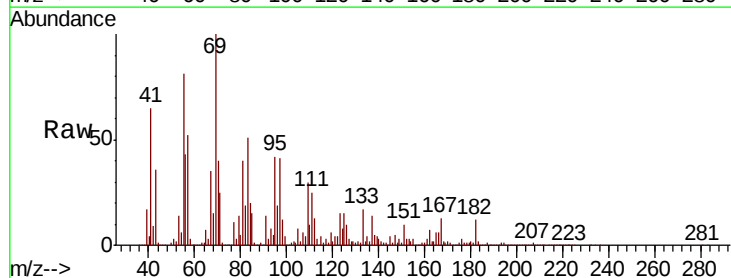
Instrument :
 MSVOA_N
 ClientSampled :
 TP-6

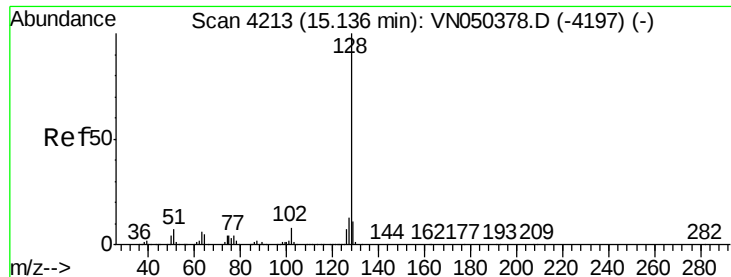
Tot Ion:180 Resp: 5459
 Ion Ratio Lower Upper
 180 100
 182 494.9 46.7 140.1#
 145 8201.4 13.8 41.4#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.02 min Scan# 4176
 Delta R.T. 0.00 min
 Lab File: VN050431.D
 Acq: 7 Aug 2018 15:01

Tgt Ion:225 Resp: 100
 Ion Ratio Lower Upper
 225 100
 223 530.0 31.4 94.2#
 227 0.0 32.1 96.5#

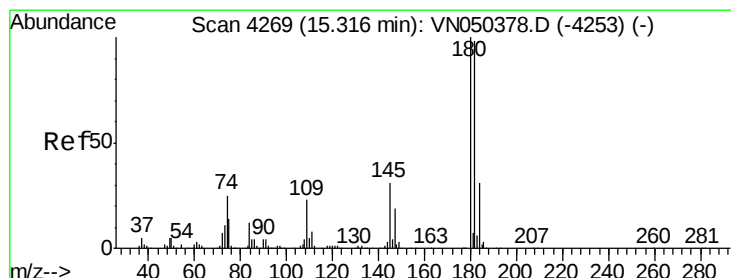
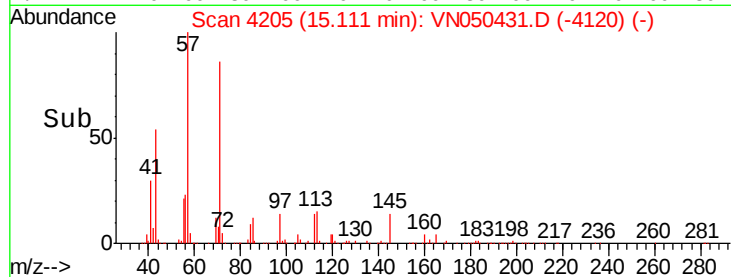
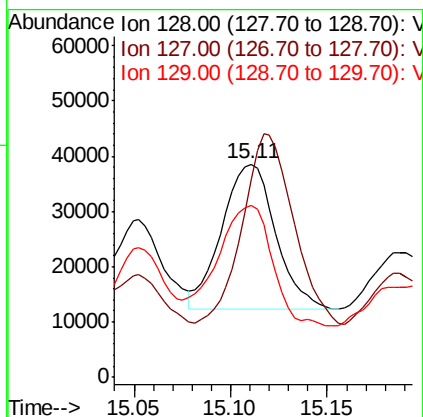
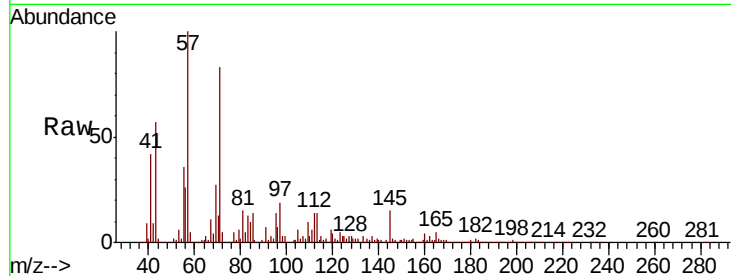




#95
Naphthalene
Concen: 5.30 ug/l
RT: 15.11 min Scan# 4205
Delta R.T. -0.03 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Instrument :
MSVOA_N
ClientSampled :
TP-6

Tot Ion:128 Resp: 50791
Ion Ratio Lower Upper
128 100
127 125.1 10.4 15.6#
129 86.5 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 4.27 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. -0.03 min
Lab File: VN050431.D
Acq: 7 Aug 2018 15:01

Tgt Ion:180 Resp: 45698
Ion Ratio Lower Upper
180 100
182 34.5 48.1 144.4#
145 691.0 15.3 45.9#

