

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052905.D
 Acq On : 14 Dec 2018 22:39
 Operator : MD\SY
 Sample : J6403-44
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 03:03:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1419750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2203698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1912391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	774533	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	724987	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	7.59	113	569746	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
50) Toluene-d8	10.09	98	2653785	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	849303	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	

Target Compounds

					Qvalue
8) Diethyl Ether	3.42	74	4179	0.527	ug/l 92
11) Tert butyl alcohol	4.76	59	280	0.332	ug/l # 74
13) Acrolein	3.58	56	252	0.317	ug/l # 1
16) Acetone	3.82	43	31978	9.432	ug/l 99
18) Methyl Acetate	4.33	43	4546	0.365	ug/l # 79
20) Methylene Chloride	4.56	84	124429	8.155	ug/l 98
25) 2-Butanone	6.85	43	2278	0.433	ug/l 93
29) Tetrahydrofuran	7.22	42	1736	0.483	ug/l # 52
31) Cyclohexane	7.67	56	30148	0.605	ug/l # 1
36) 1,1-Dichloropropene	7.67	75	94525	4.658	ug/l # 49
38) Carbon Tetrachloride	7.67	117	124800	6.681	ug/l # 16
39) Methylcyclohexane	9.08	83	8829	0.355	ug/l 95
40) Benzene	8.05	78	13850	0.227	ug/l # 89
43) Isopropyl Acetate	8.17	43	74735	2.990	ug/l # 77
45) 1,2-Dichloropropane	9.27	63	3898	0.244	ug/l # 44
48) Methyl methacrylate	9.18	41	15044	1.372	ug/l # 12
49) 1,4-Dioxane	9.27	88	325	2.612	ug/l # 1
51) 4-Methyl-2-Pentanone	10.02	43	18141	1.583	ug/l # 35
52) Toluene	10.16	92	356970	9.677	ug/l 100
54) cis-1,3-Dichloropropene	9.90	75	130646	5.679	ug/l # 60
57) 1,3-Dichloropropane	10.76	76	25780	1.142	ug/l # 42
59) 2-Hexanone	10.77	43	354847	45.178	ug/l # 49
67) Ethyl Benzene	11.51	91	313226	4.597	ug/l 100
68) m/p-Xylenes	11.62	106	519615	20.310	ug/l 99
69) o-Xylene	11.95	106	188166	7.532	ug/l 98
70) Styrene	11.95	104	9999	0.249	ug/l # 1
71) Bromoform	12.40	173	5376	0.573	ug/l # 1
73) Isopropylbenzene	12.25	105	31513	0.545	ug/l 95
74) N-amyl acetate	11.88	43	42868	2.700	ug/l # 52
76) 1,2,3-Trichloropropane	12.40	75	397125	34.752	ug/l # 100
78) n-propylbenzene	12.59	91	169529	2.570	ug/l 100
79) 2-Chlorotoluene	12.66	91	64430	1.652	ug/l # 40
80) 1,3,5-Trimethylbenzene	12.73	105	279346	5.984	ug/l 99
81) trans-1,4-Dichloro-2-buten	12.40	75	397125	111.641	ug/l # 12

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MSVOA_N
ClientSampleId :

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

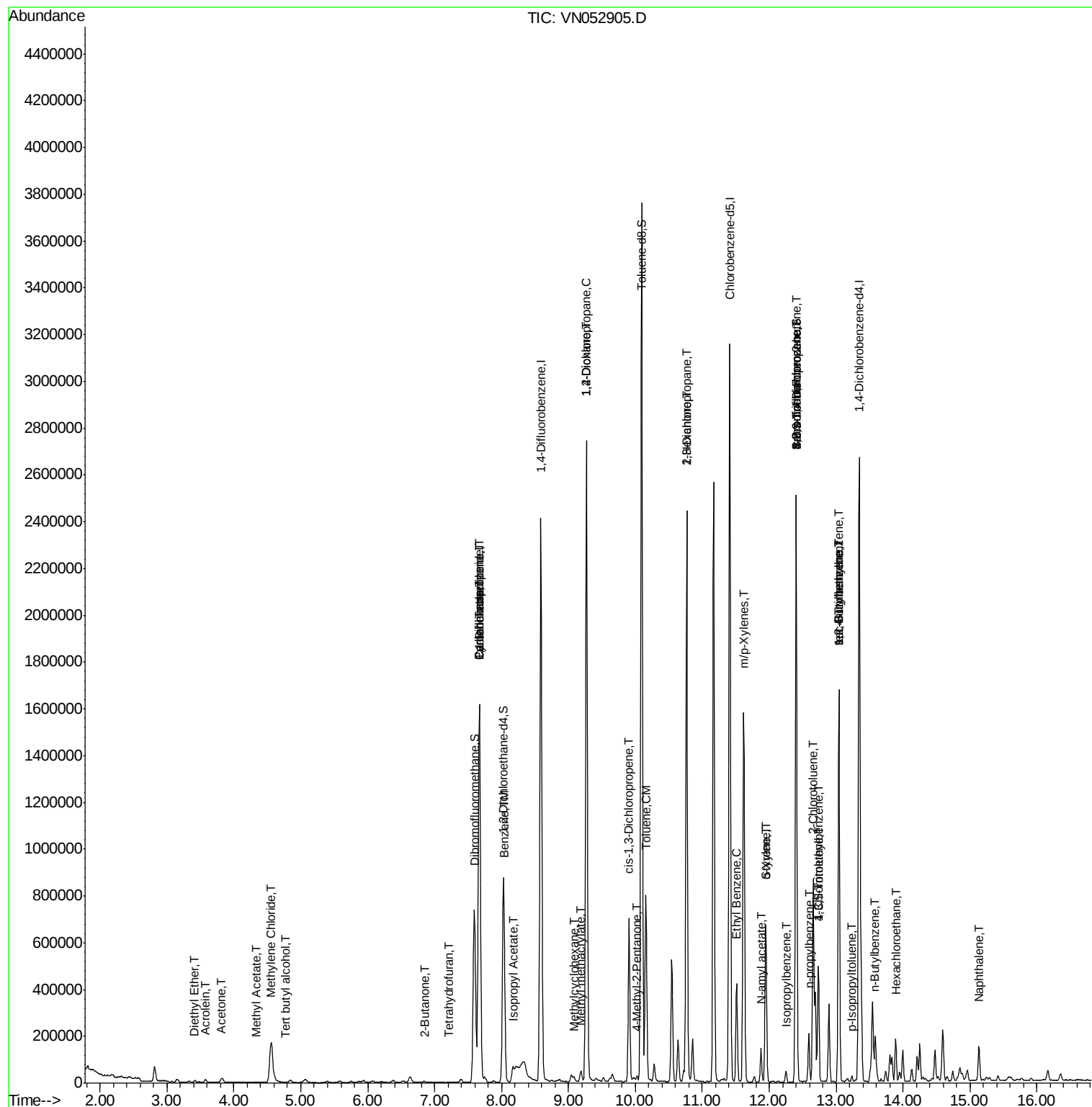
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.73	91	27433	0.688	ug/l #	40
83) tert-Butylbenzene	13.04	119	119565	2.903	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	983446	20.809	ug/l	100
85) sec-Butylbenzene	13.04	105	983446	17.634	ug/l #	56
86) p-Isopropyltoluene	13.23	119	14163	0.293	ug/l	93
89) n-Butylbenzene	13.59	91	8368	0.206	ug/l #	1
90) Hexachloroethane	13.89	117	10170	1.257	ug/l #	4
95) Naphthalene	15.13	128	127288	4.497	ug/l	100

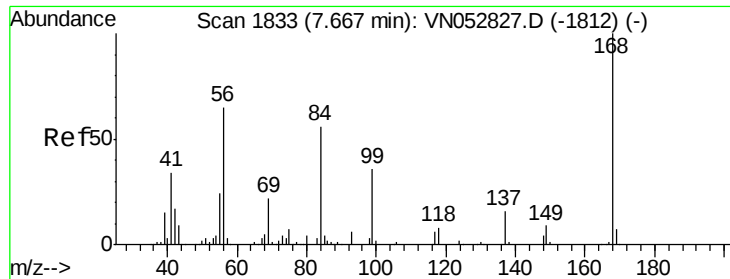
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

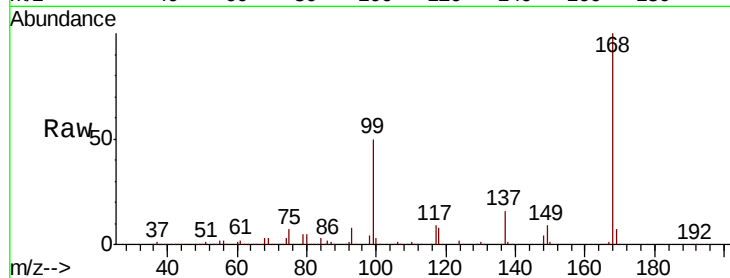
ClientSampleId :

Tot Ion:168 Resp: 1419750

Ion Ratio Lower Upper

168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

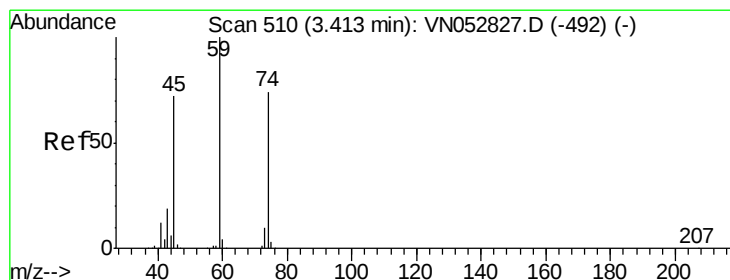
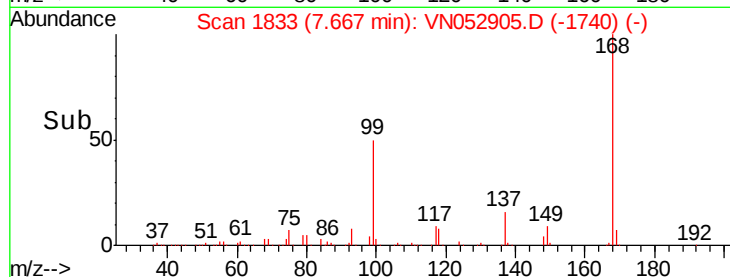
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.527 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN052905.D

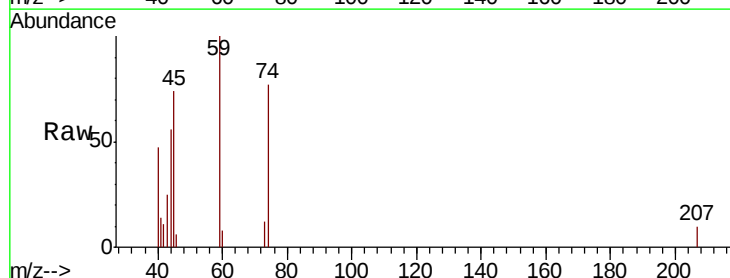
Acq: 14 Dec 2018 22:39

Tgt Ion: 74 Resp: 4179

Ion Ratio Lower Upper

74 100

45 106.5 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN052827.D (-492) (-)

Ion 45.00 (44.70 to 45.70): VN052827.D (-492) (-)

3.42

2000

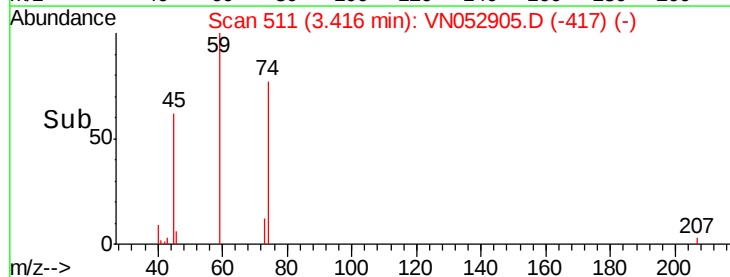
1500

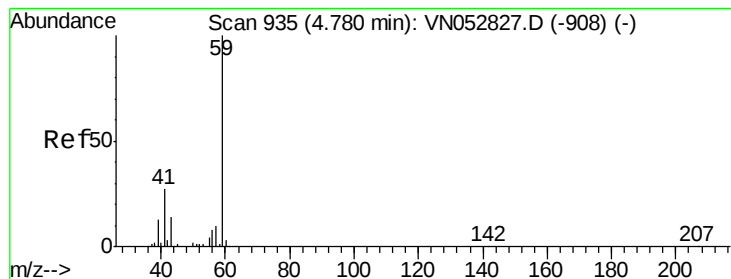
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 0.332 ug/l

RT: 4.76 min Scan# 930

Delta R.T. -0.02 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

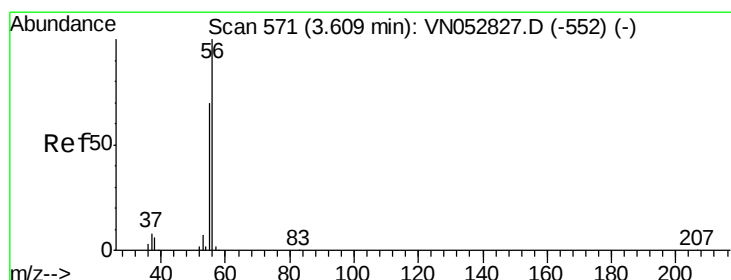
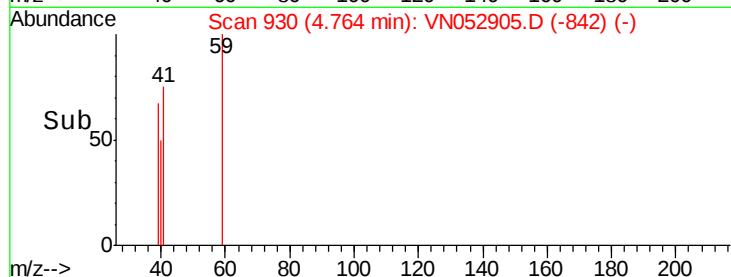
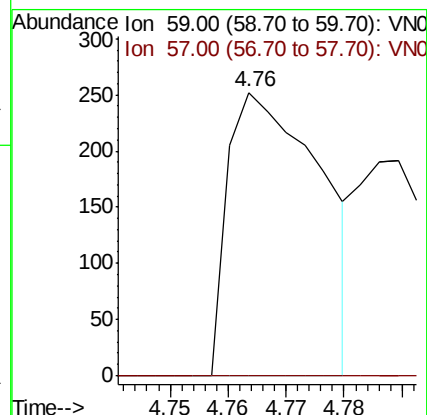
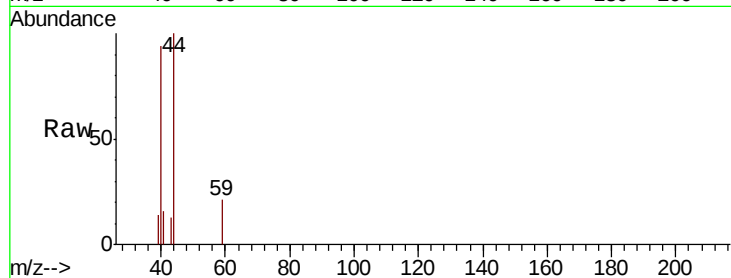
ClientSampled :

Tot Ion: 59 Resp: 280

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#13

Acrolein

Concen: 0.317 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.03 min

Lab File: VN052905.D

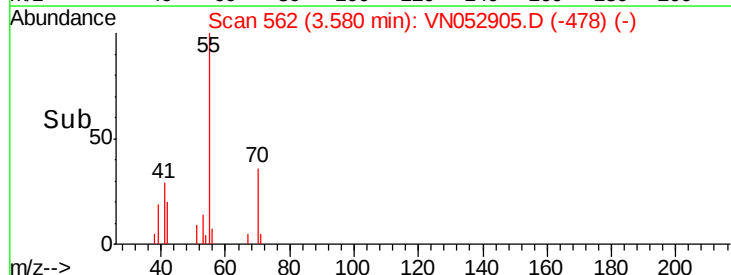
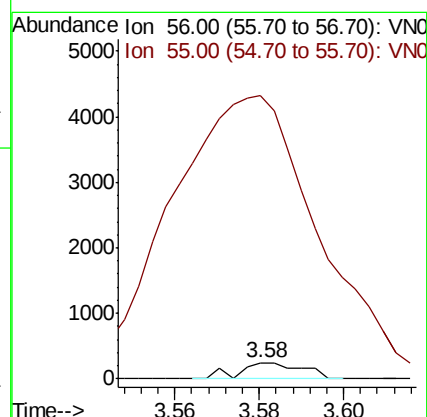
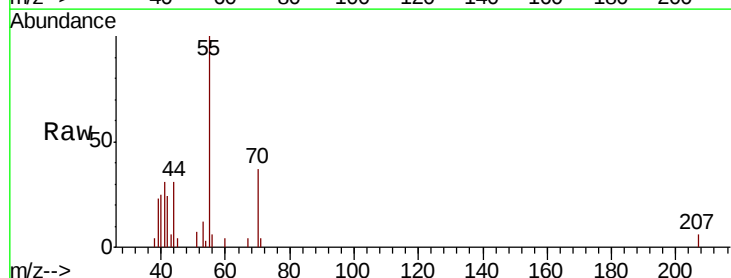
Acq: 14 Dec 2018 22:39

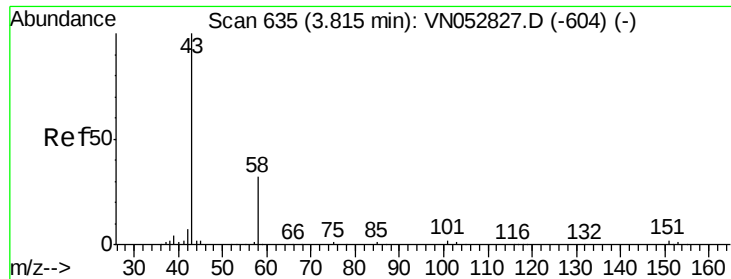
Tgt Ion: 56 Resp: 252

Ion Ratio Lower Upper

56 100

55 4283.3 56.6 85.0#





#16

Acetone

Concen: 9.432 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

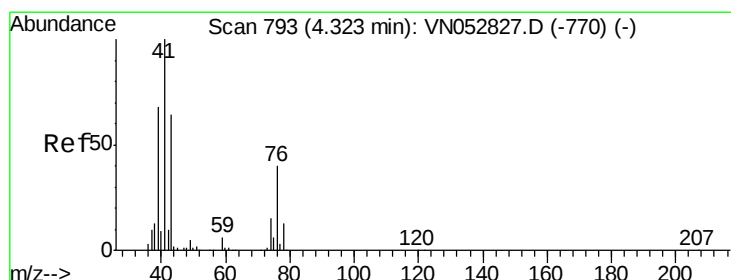
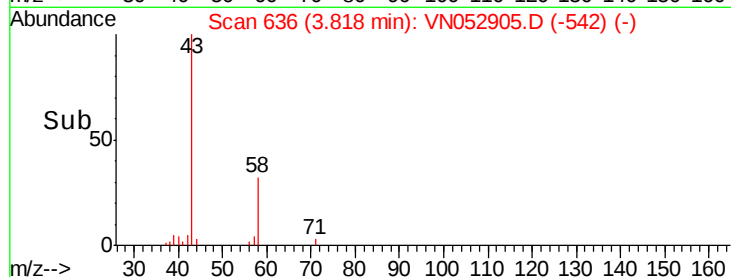
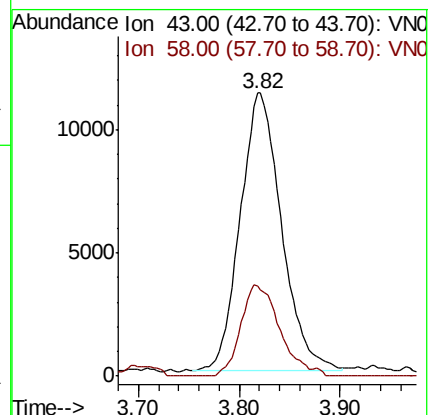
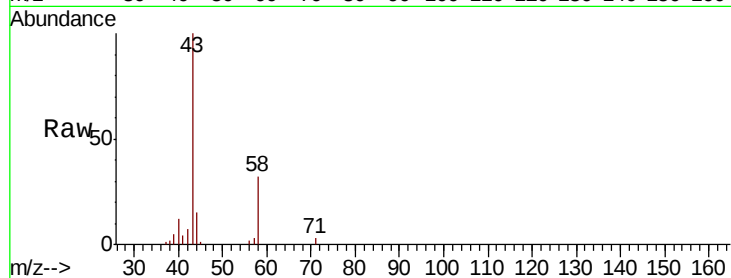
ClientSampled :

Tot Ion: 43 Resp: 31978

Ion Ratio Lower Upper

43 100

58 32.3 25.4 38.0



#18

Methyl Acetate

Concen: 0.365 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN052905.D

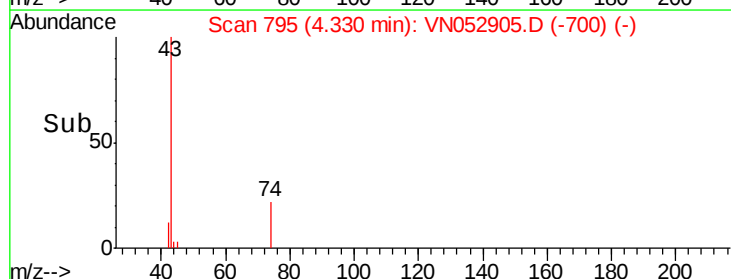
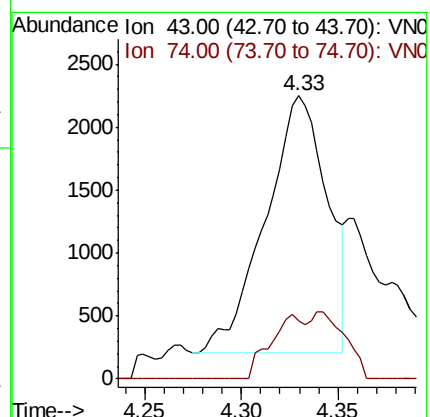
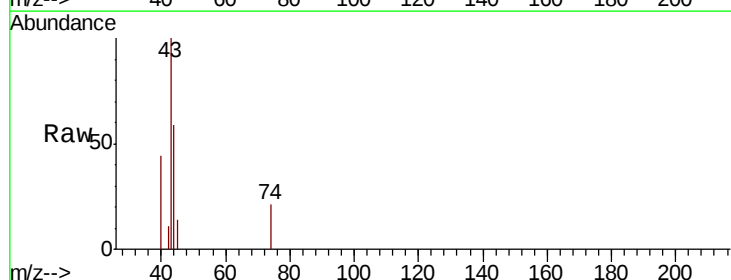
Acq: 14 Dec 2018 22:39

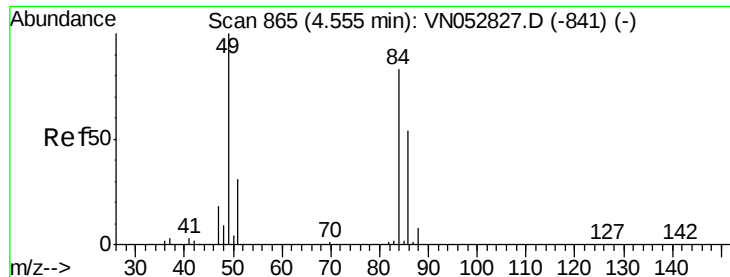
Tgt Ion: 43 Resp: 4546

Ion Ratio Lower Upper

43 100

74 13.8 19.2 28.8#

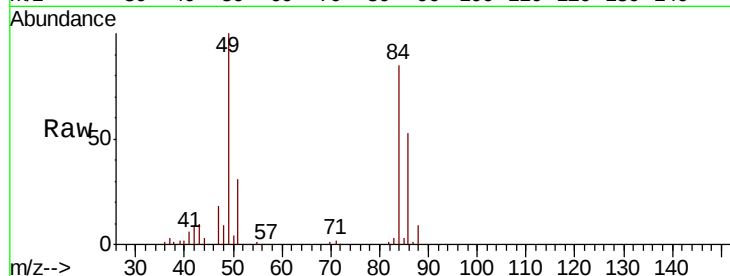




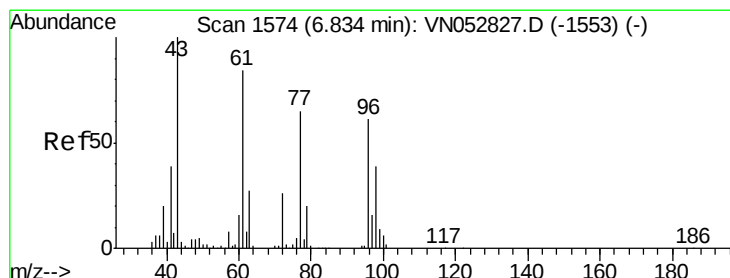
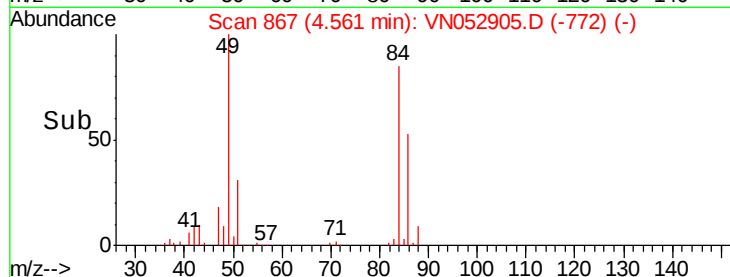
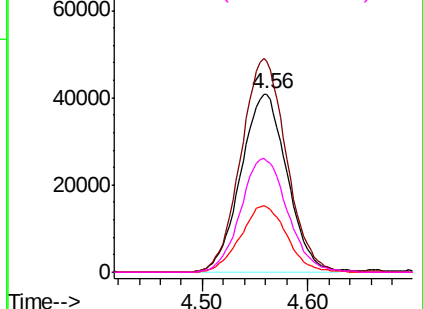
#20
Methvlene Chloride
Concen: 8.155 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 124429
Ion Ratio Lower Upper
84 100
49 118.2 96.8 145.2
51 36.7 29.9 44.9
86 62.8 51.8 77.6

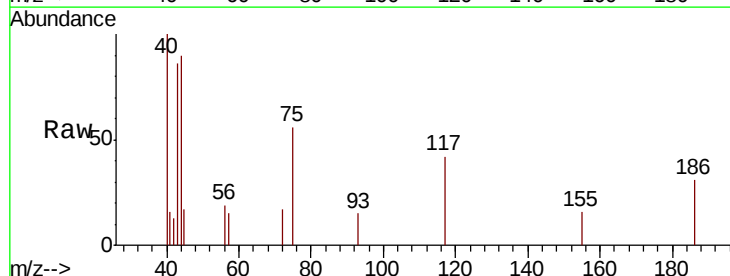


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

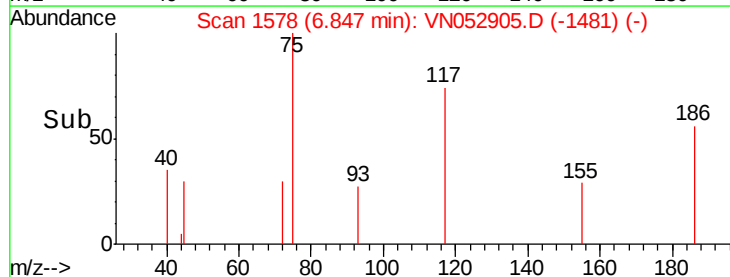
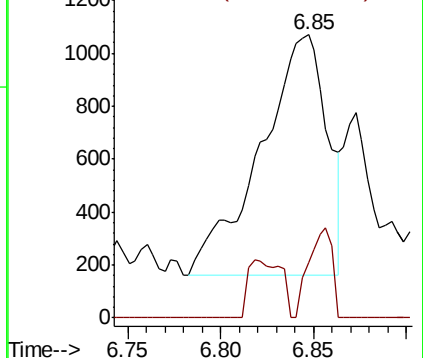


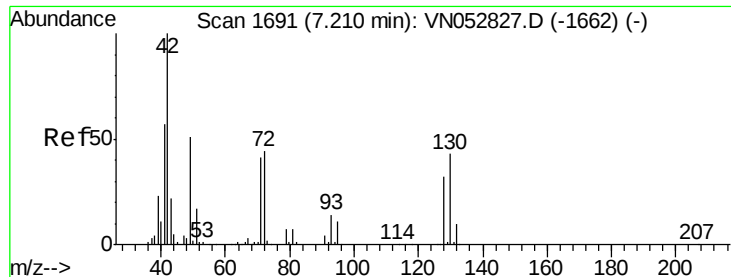
#25
2-Butanone
Concen: 0.433 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
72 22.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.483 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampled :

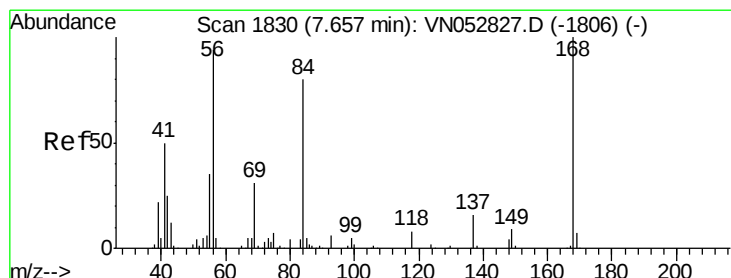
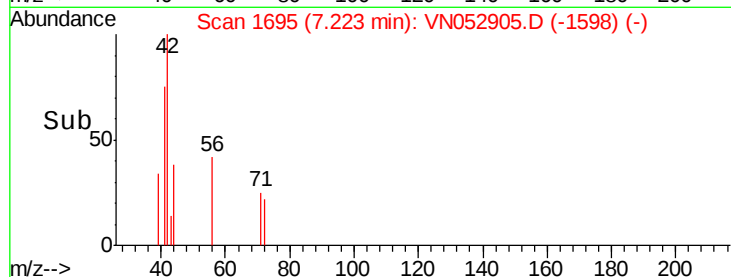
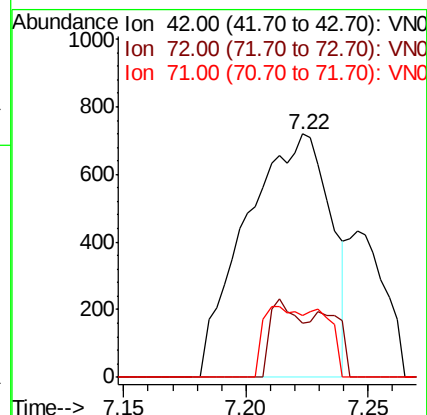
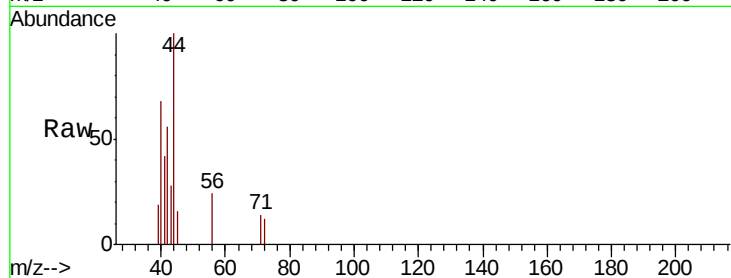
Tot Ion: 42 Resp: 1736

Ion Ratio Lower Upper

42 100

72 10.8 34.7 52.1#

71 12.8 32.3 48.5#



#31

Cyclohexane

Concen: 0.605 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

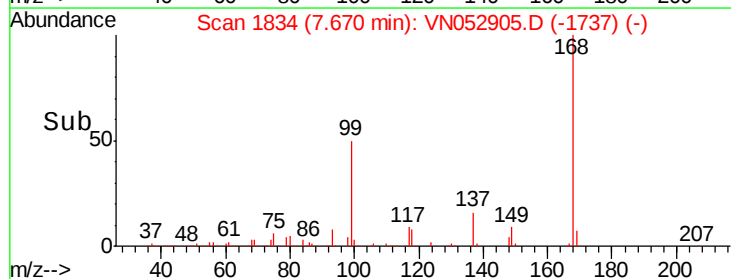
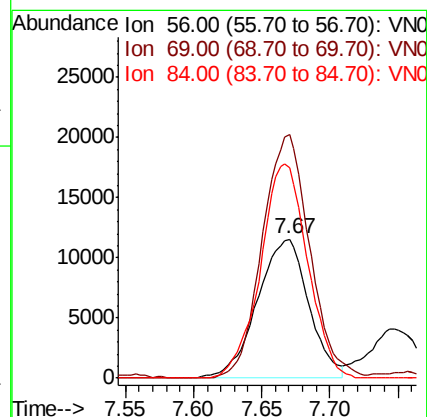
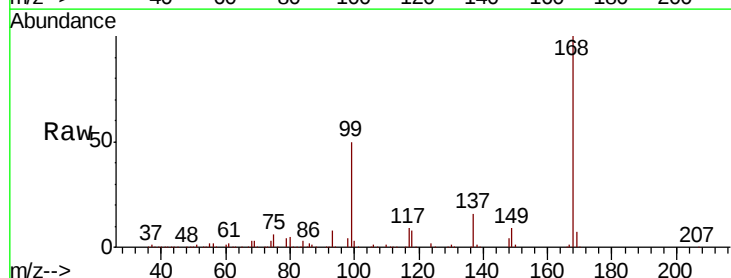
Tgt Ion: 56 Resp: 30148

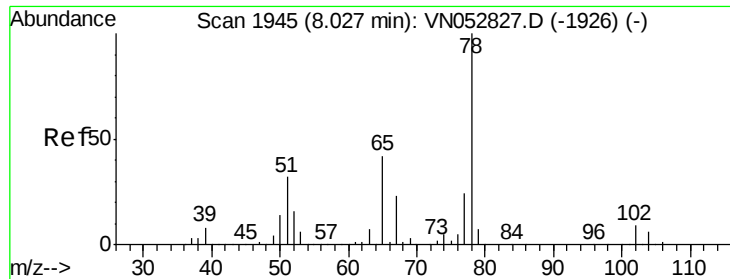
Ion Ratio Lower Upper

56 100

69 175.2 26.6 39.8#

84 151.1 68.4 102.6#

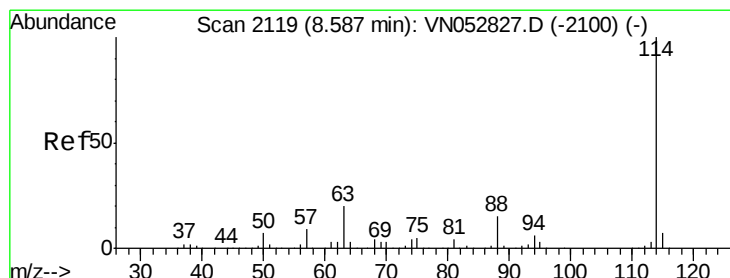
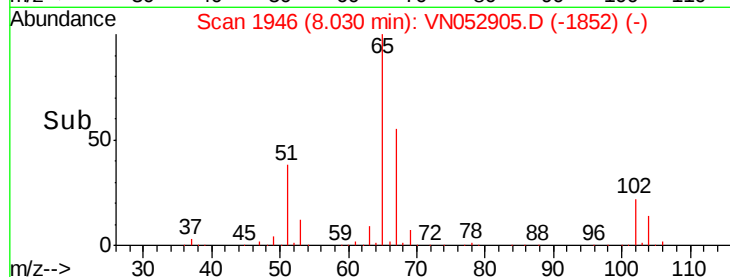
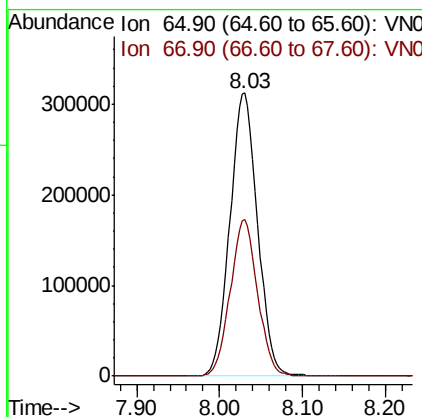
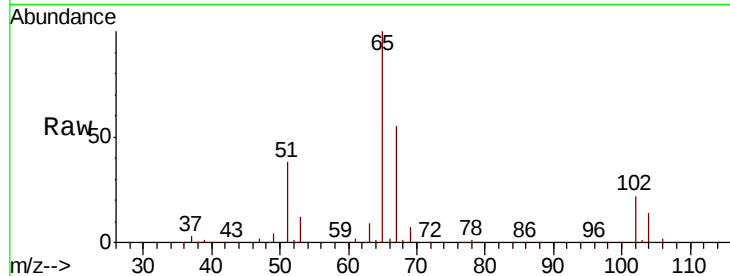




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052905.D
 Acq: 14 Dec 2018 22:39

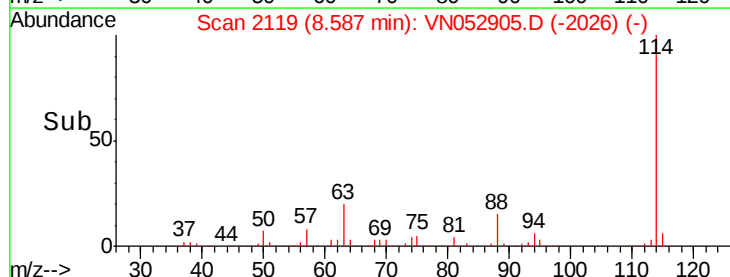
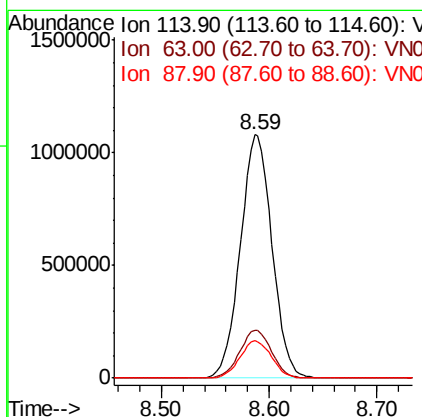
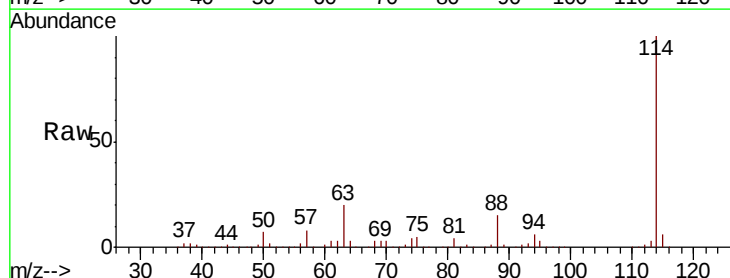
Instrument :
 MSVOA_N
 ClientSampleId :

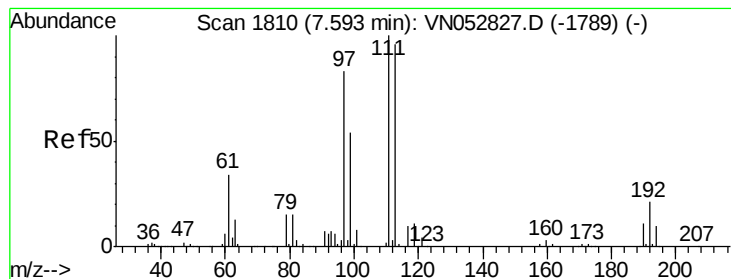
Tot Ion: 65 Resp: 724987
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052905.D
 Acq: 14 Dec 2018 22:39

Tgt Ion:114 Resp: 2203698
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

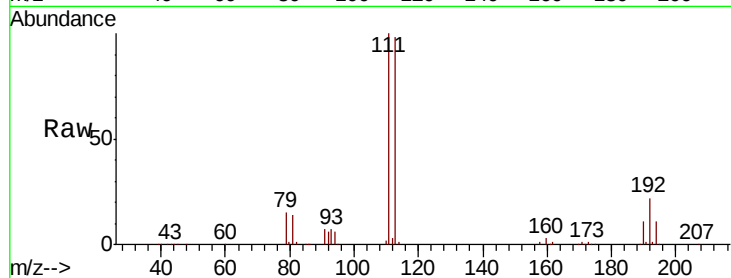
Tot Ion:113 Resp: 569746

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

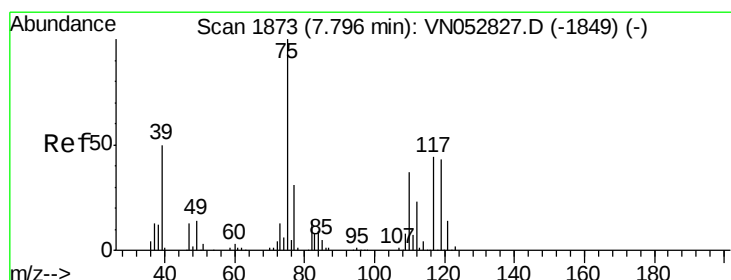
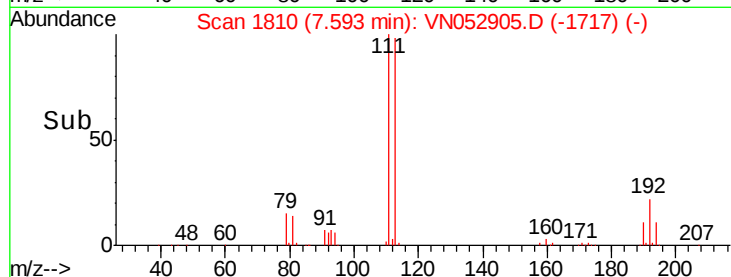
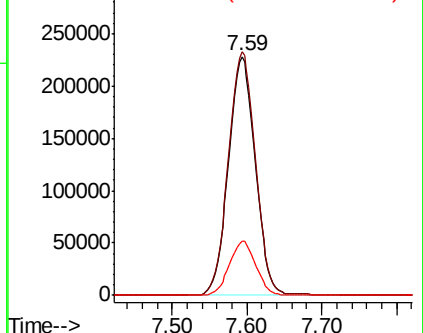
192 22.4 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.658 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

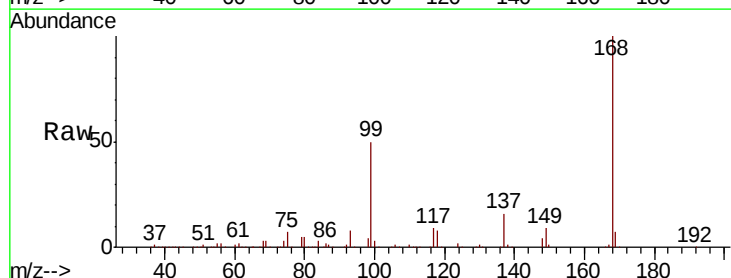
Tgt Ion: 75 Resp: 94525

Ion Ratio Lower Upper

75 100

110 8.9 18.2 54.6#

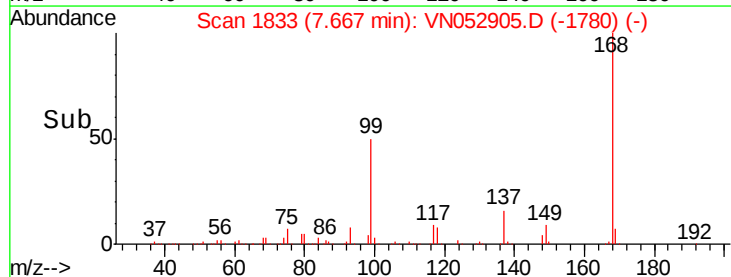
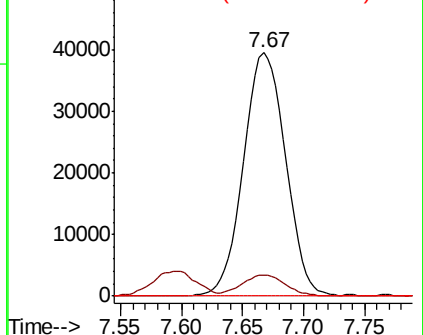
77 0.0 24.9 37.3#

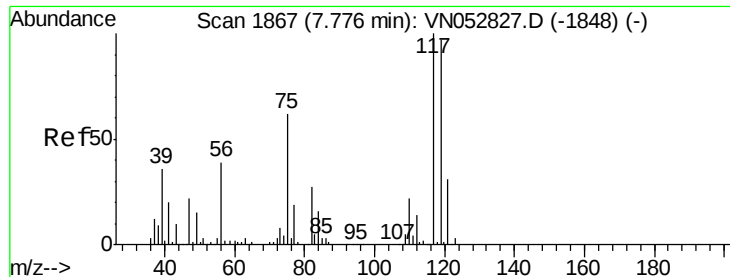


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#38

Carbon Tetrachloride

Concen: 6.681 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

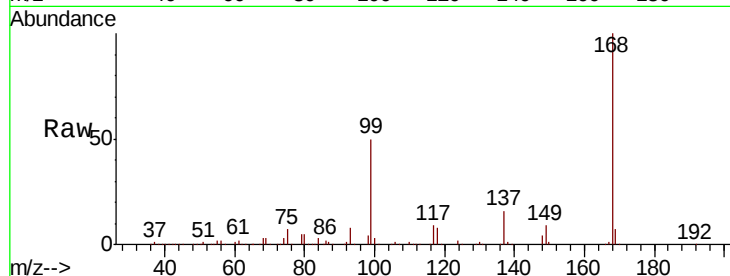
Tot Ion:117 Resp: 124800

Ion Ratio Lower Upper

117 100

119 5.3 77.1 115.7#

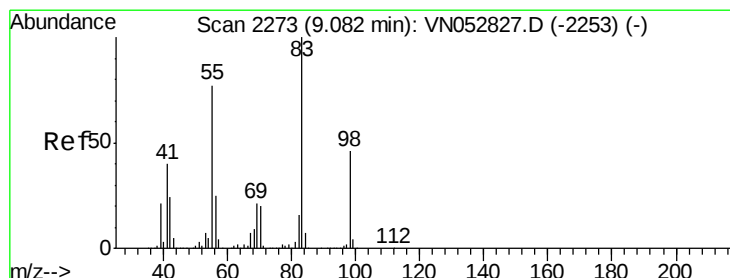
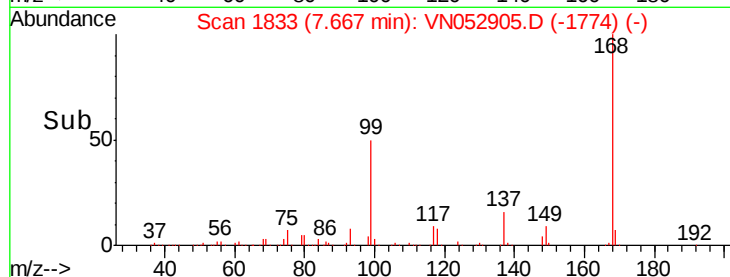
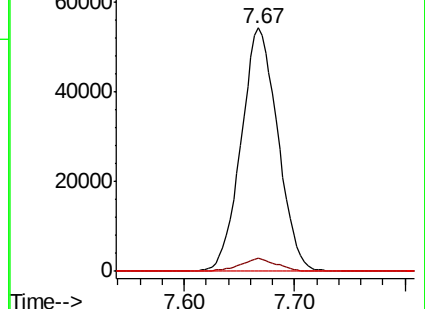
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.355 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

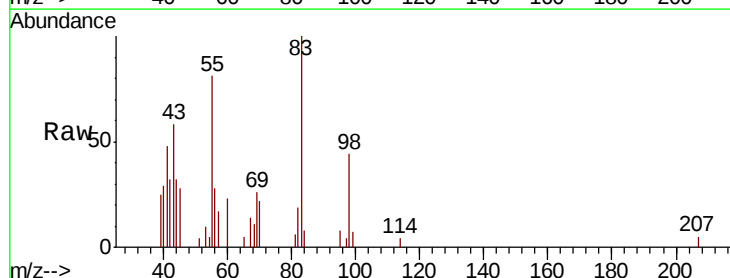
Tgt Ion: 83 Resp: 8829

Ion Ratio Lower Upper

83 100

55 81.0 61.3 91.9

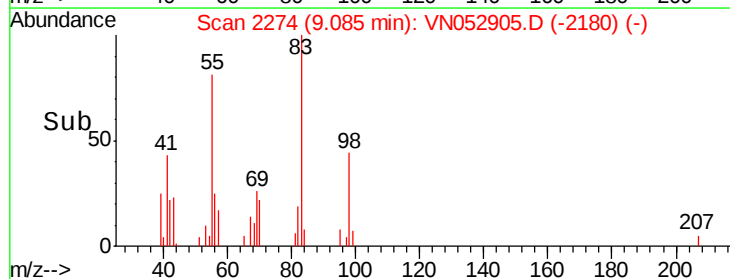
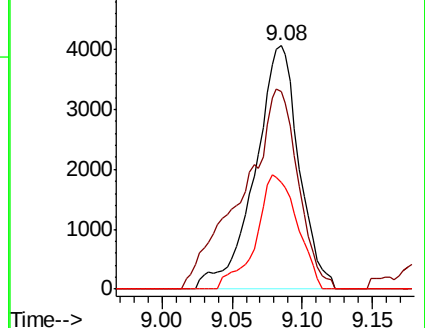
98 43.7 37.0 55.4

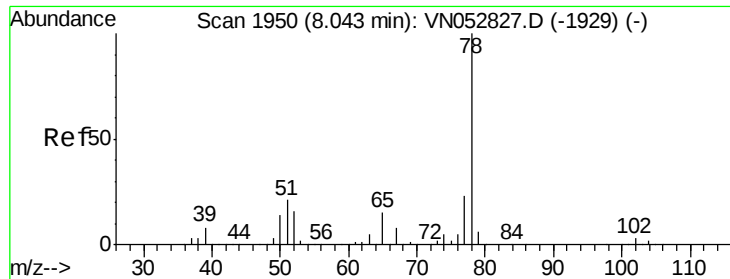


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 0.227 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

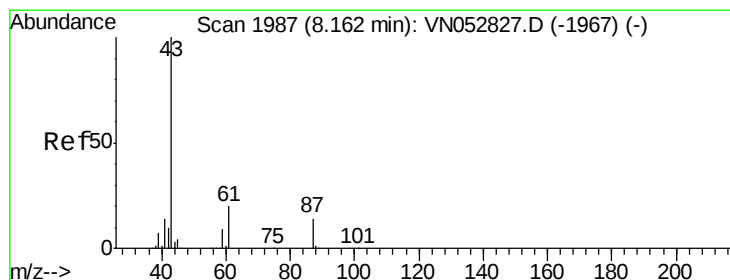
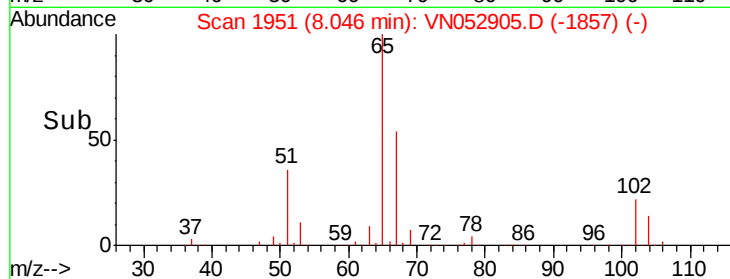
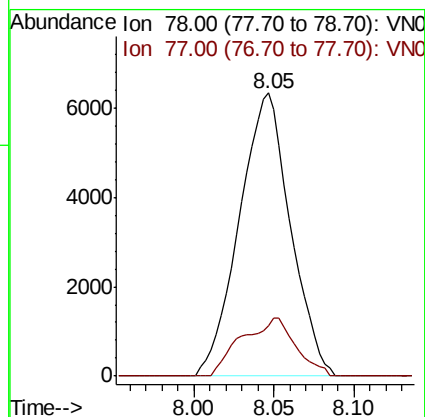
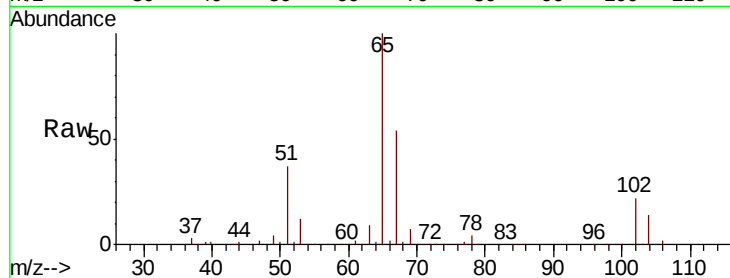
ClientSampleId :

Tot Ion: 78 Resp: 13850

Ion Ratio Lower Upper

78 100

77 17.9 18.5 27.7#



#43

Isopropyl Acetate

Concen: 2.990 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

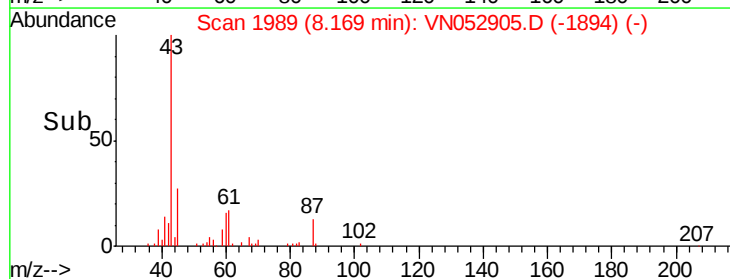
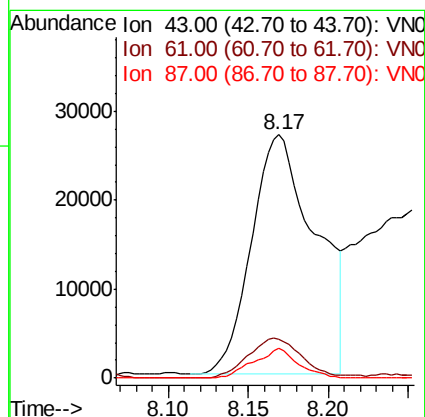
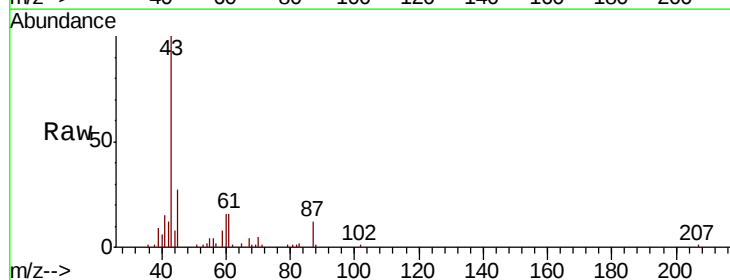
Tgt Ion: 43 Resp: 74735

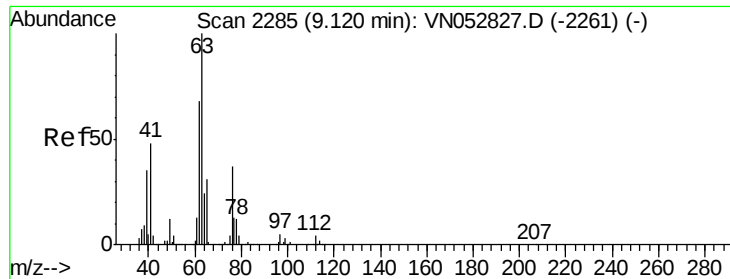
Ion Ratio Lower Upper

43 100

61 13.8 22.9 34.3#

87 8.5 10.6 15.8#





#45

1,2-Dichloropropane

Concen: 0.244 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

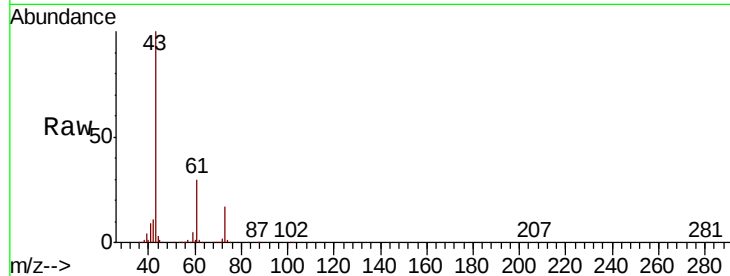
ClientSampleId :

Tot Ion: 63 Resp: 3898

Ion Ratio Lower Upper

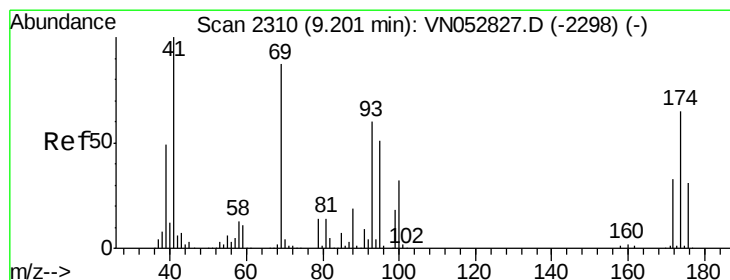
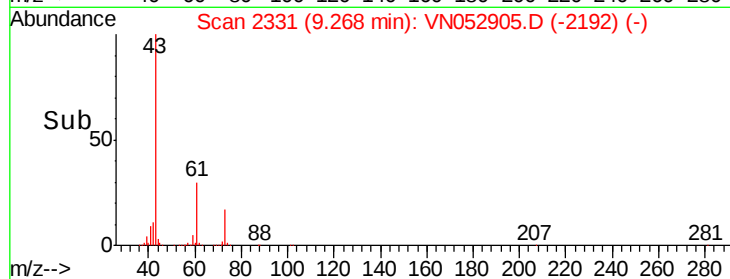
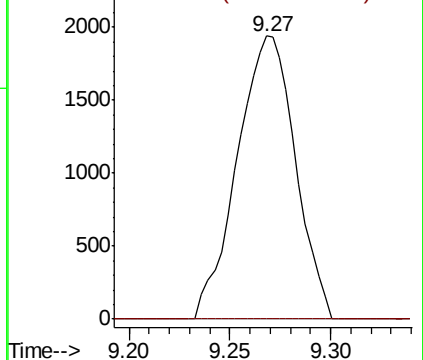
63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.372 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

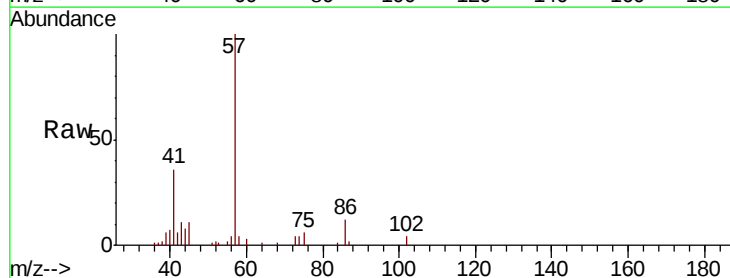
Tgt Ion: 41 Resp: 15044

Ion Ratio Lower Upper

41 100

69 0.0 72.2 108.2#

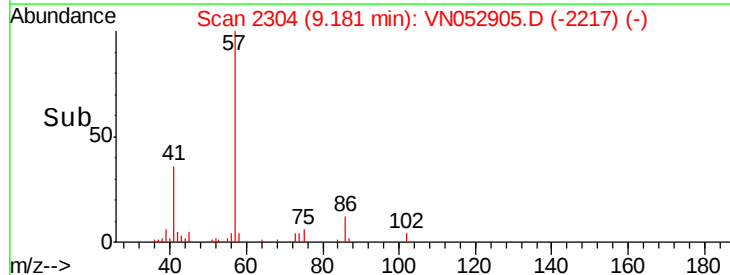
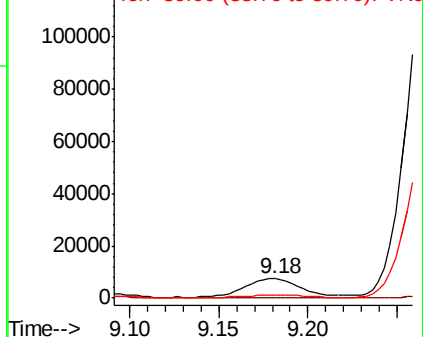
39 0.0 41.9 62.9#

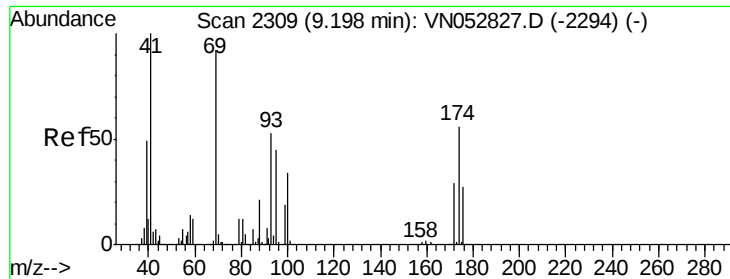


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

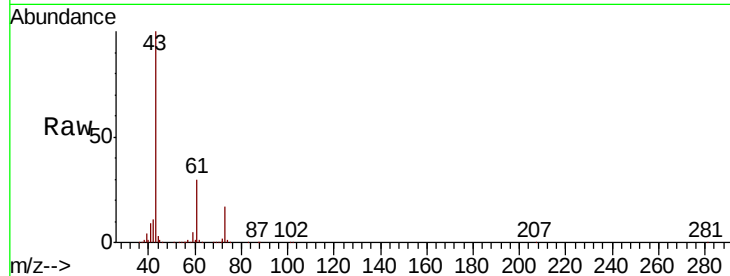




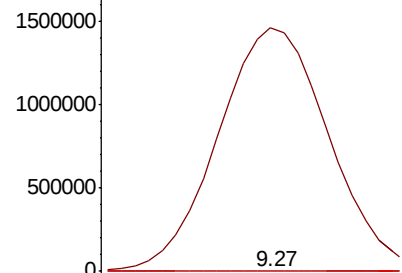
#49
1,4-Dioxane
Concen: 2.612 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument :
MSVOA_N
ClientSampleId :

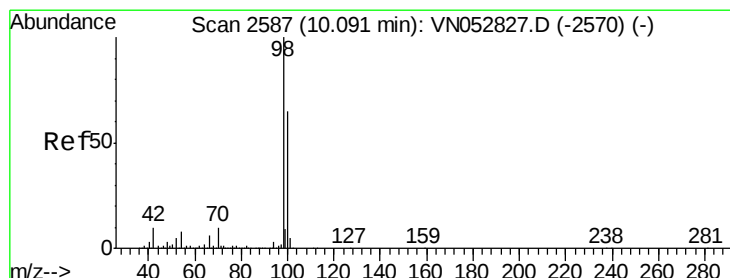
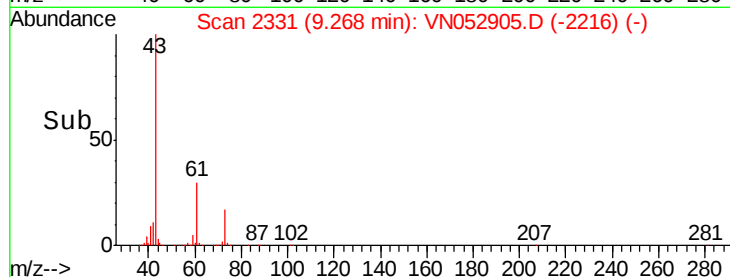
Tot Ion: 88 Resp: 325
Ion Ratio Lower Upper
88 100
43 830078.5 26.6 40.0#
58 3602.8 58.4 87.6#



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

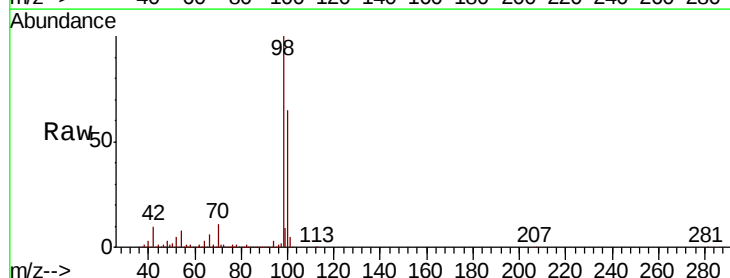


Time-->

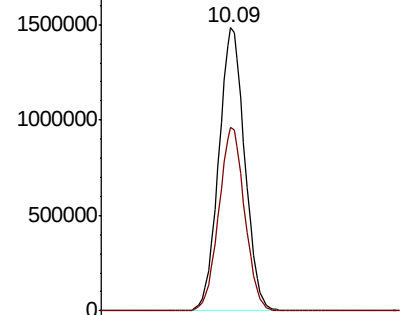


#50
Toluene-d8
Concen: 2.612 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

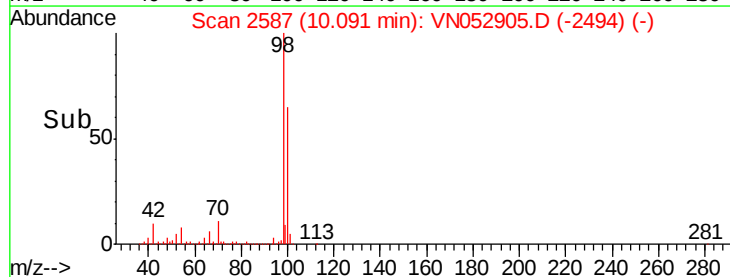
Tgt Ion: 98 Resp: 2653785
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

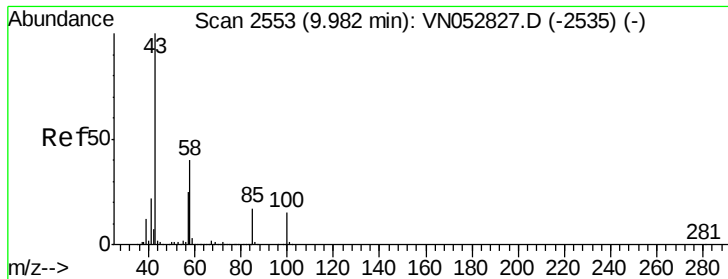


Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 1.583 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

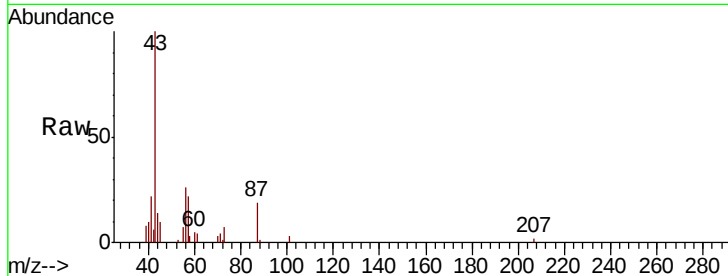
ClientSampleId :

Tot Ion: 43 Resp: 18141

Ion Ratio Lower Upper

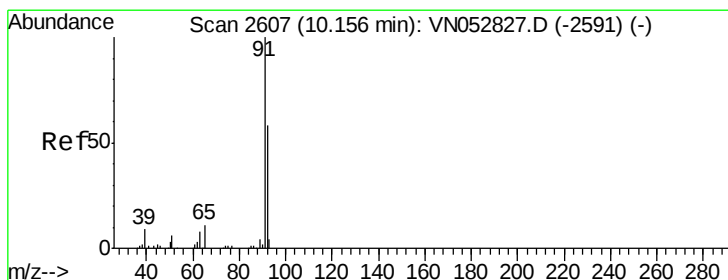
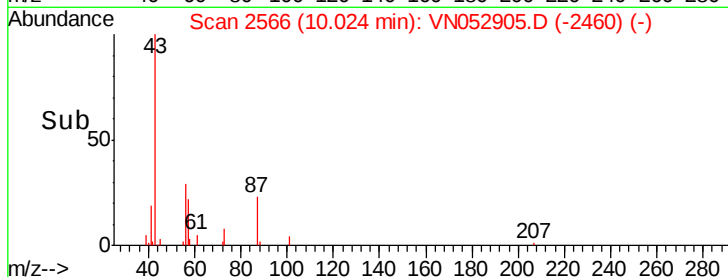
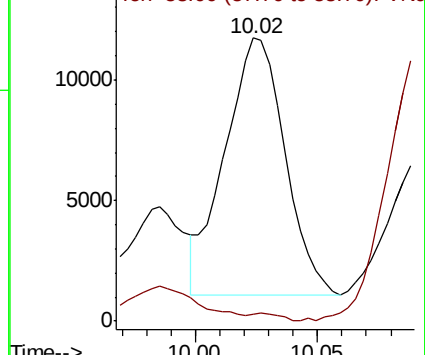
43 100

58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 9.677 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN052905.D

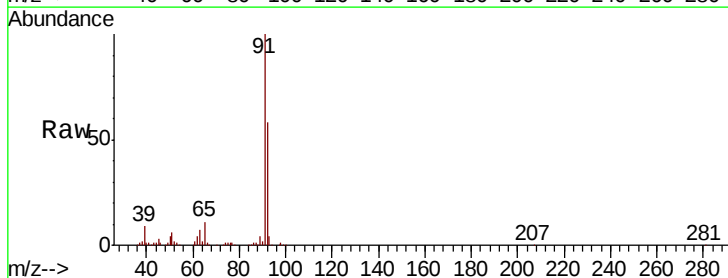
Acq: 14 Dec 2018 22:39

Tgt Ion: 92 Resp: 356970

Ion Ratio Lower Upper

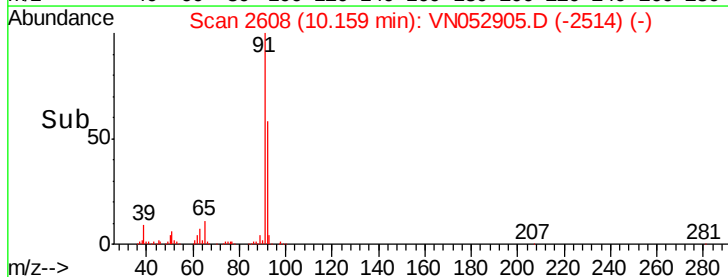
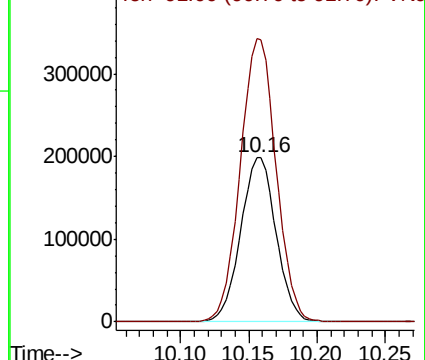
92 100

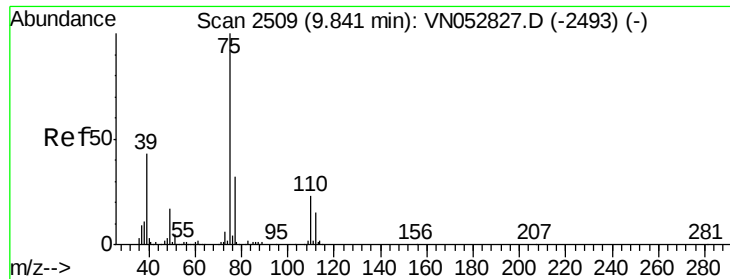
91 174.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#54

cis-1,3-Dichloropropene

Concen: 5.679 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampled :

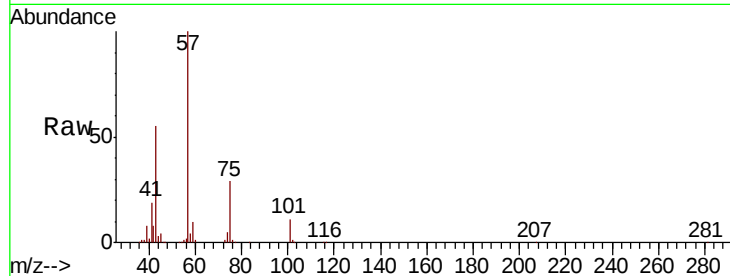
Tot Ion: 75 Resp: 130646

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.8#

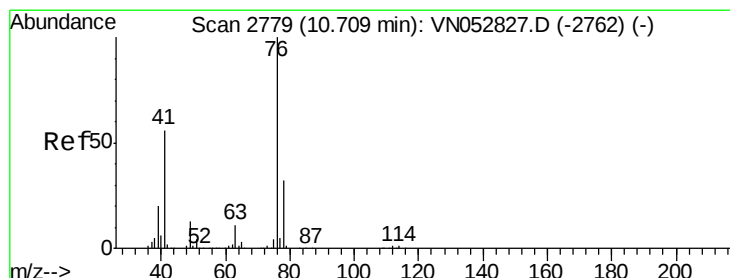
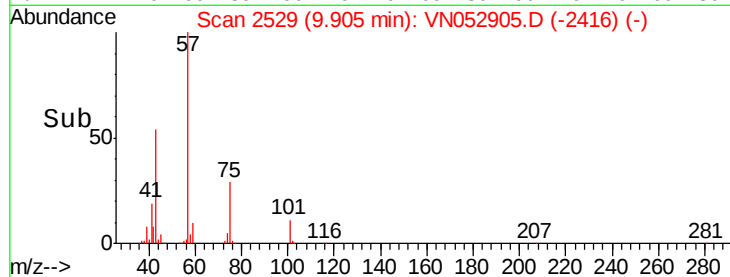
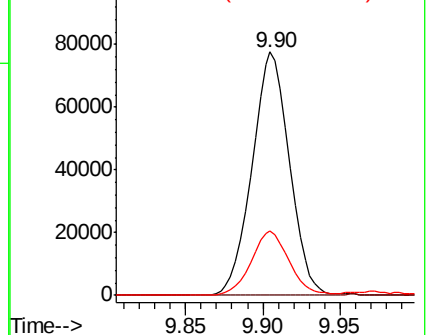
39 26.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.142 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052905.D

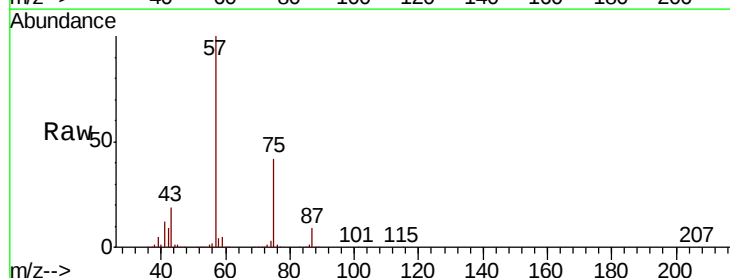
Acq: 14 Dec 2018 22:39

Tgt Ion: 76 Resp: 25780

Ion Ratio Lower Upper

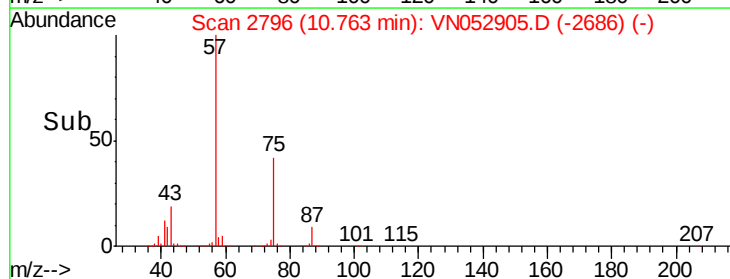
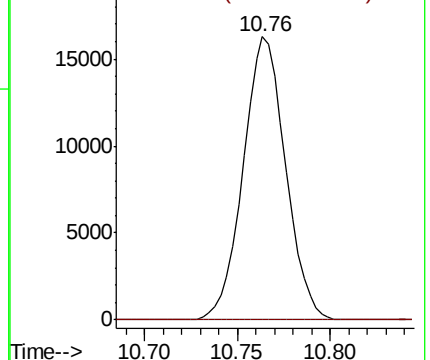
76 100

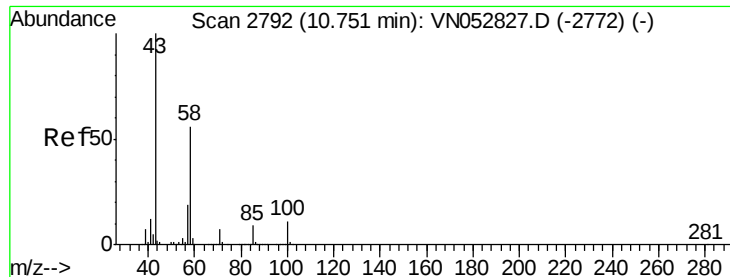
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

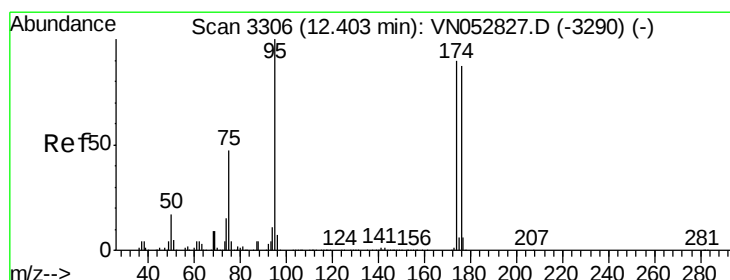
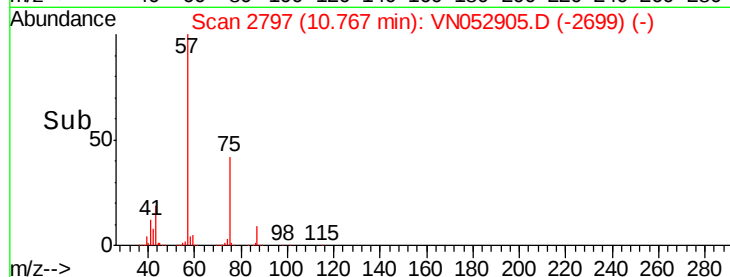
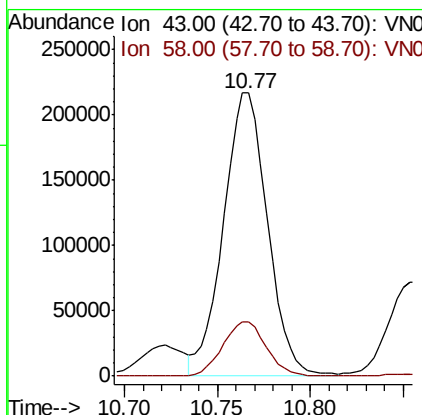
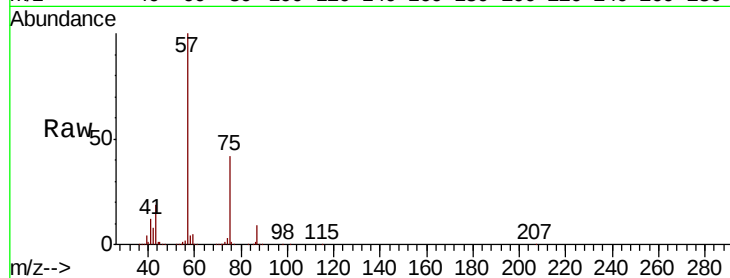




#59
2-Hexanone
Concen: 45.178 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

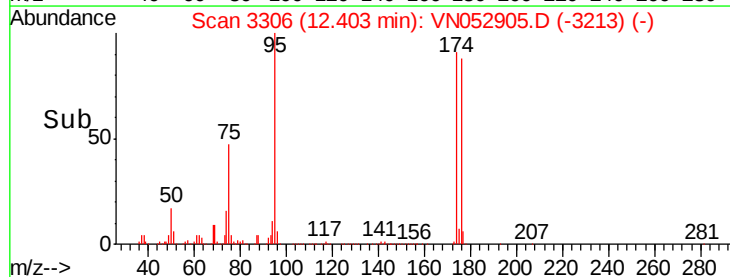
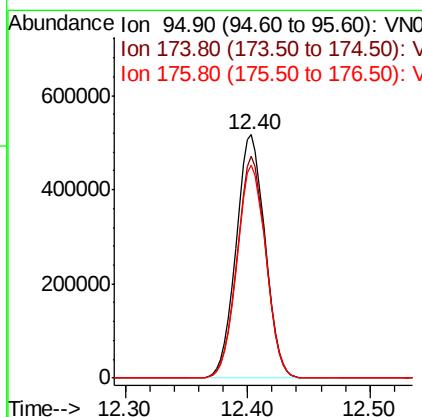
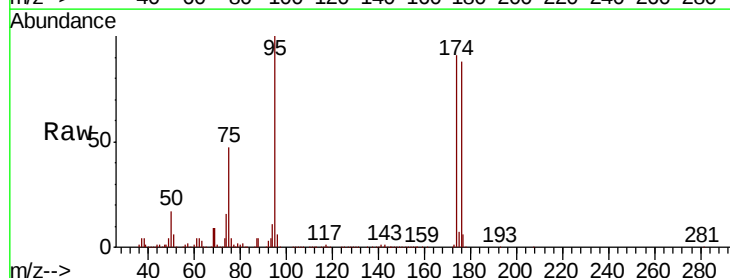
Instrument :
MSVOA_N
ClientSampleId :

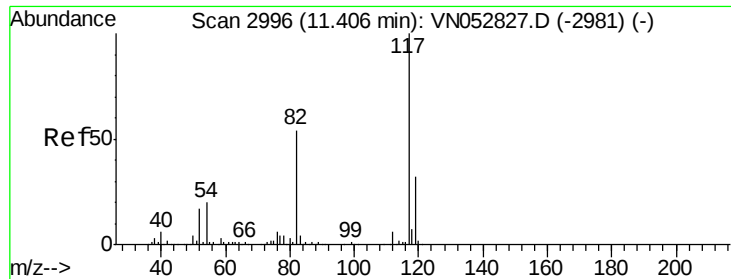
Tot Ion: 43 Resp: 354847
Ion Ratio Lower Upper
43 100
58 19.3 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 95 Resp: 849303
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.8
176 87.3 0.0 173.8

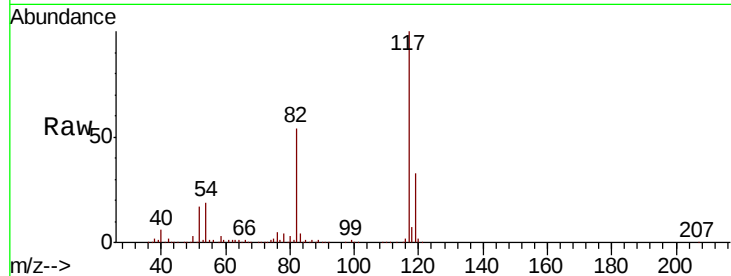




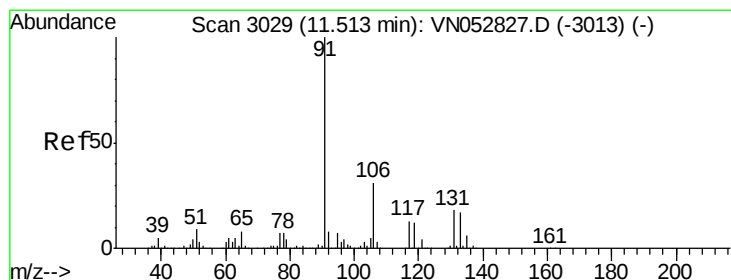
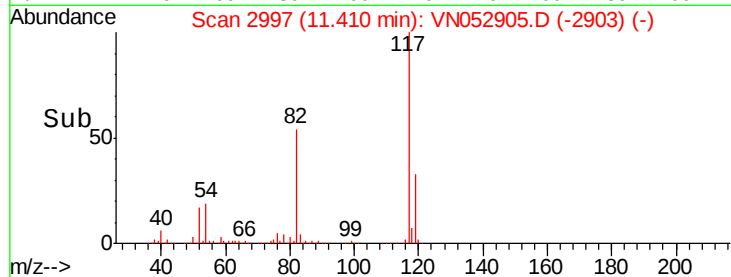
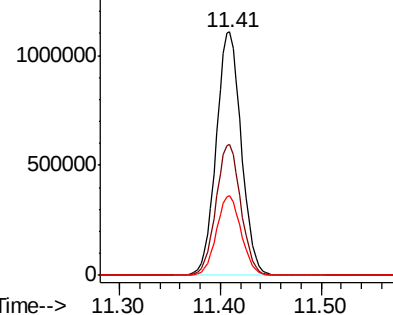
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1912391
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 32.6 25.5 38.3

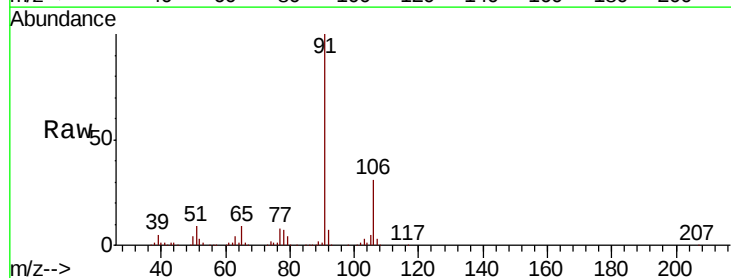


Abundance Ion 116.90 (116.60 to 117.60): V
1500000
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

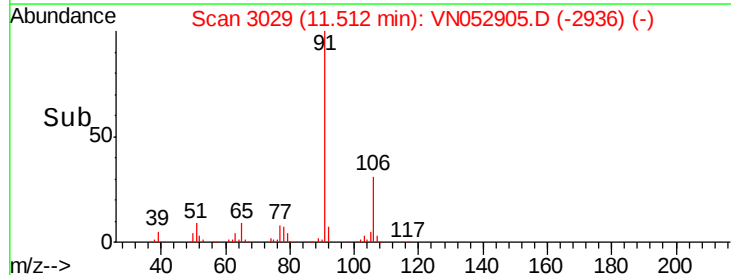
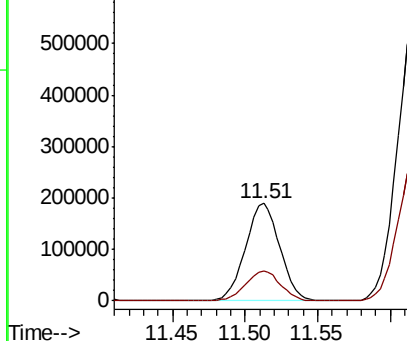


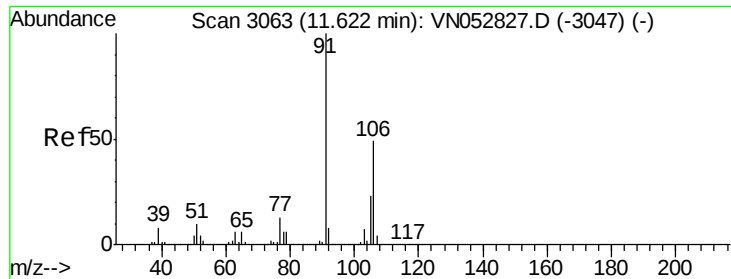
#67
Ethyl Benzene
Concen: 4.597 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 91 Resp: 313226
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): V
600000
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 20.310 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

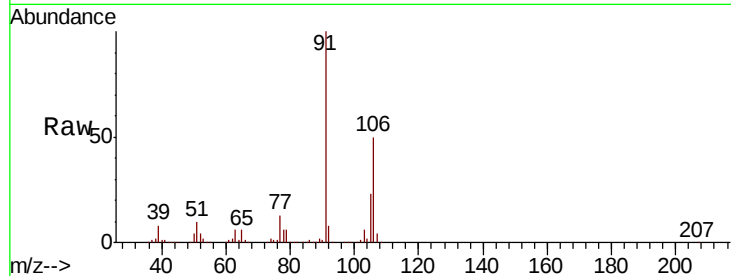
ClientSampled :

Tot Ion:106 Resp: 519615

Ion Ratio Lower Upper

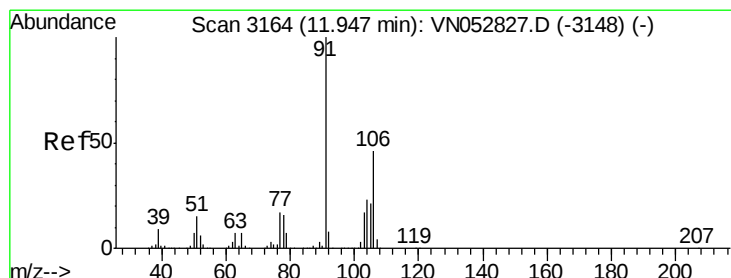
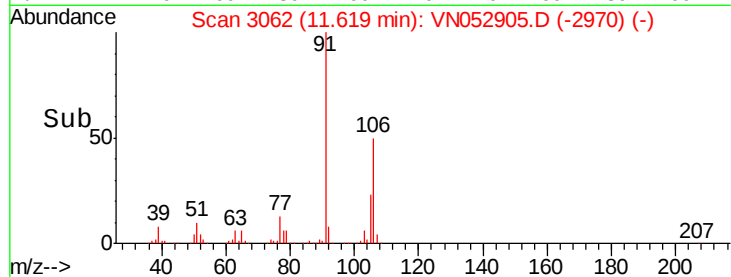
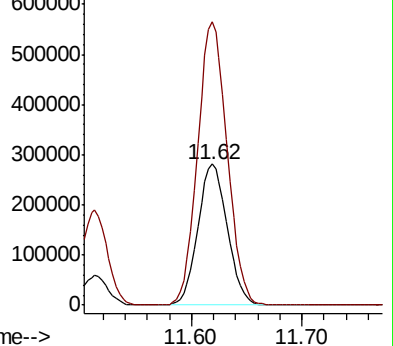
106 100

91 201.2 162.2 243.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 7.532 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN052905.D

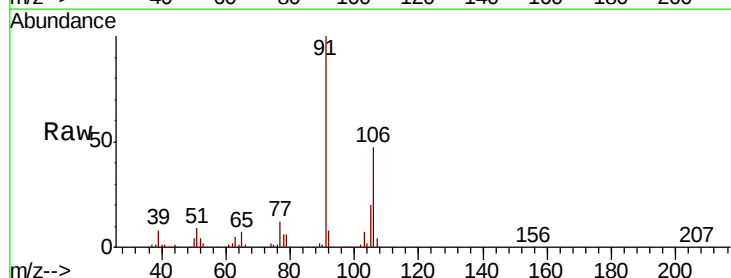
Acq: 14 Dec 2018 22:39

Tgt Ion:106 Resp: 188166

Ion Ratio Lower Upper

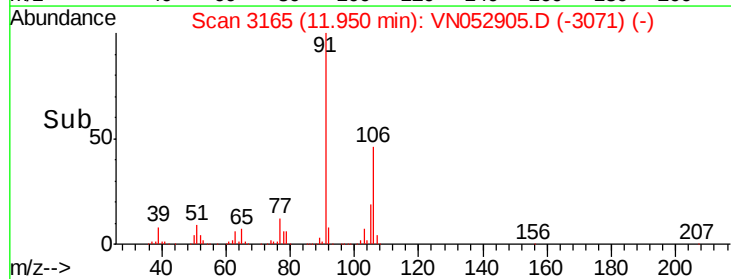
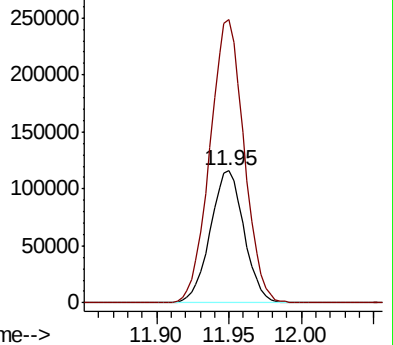
106 100

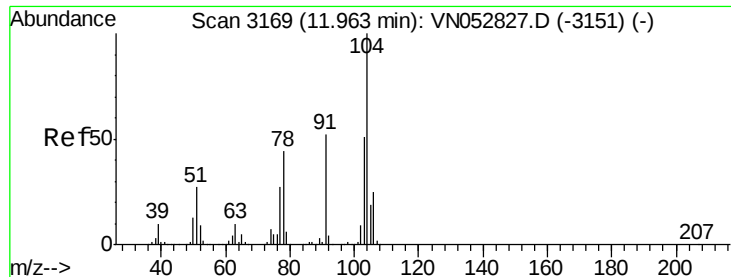
91 216.4 106.6 319.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

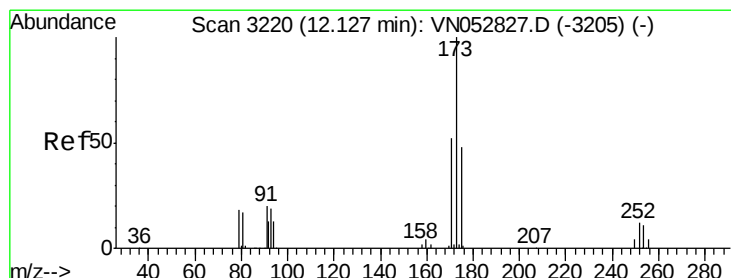
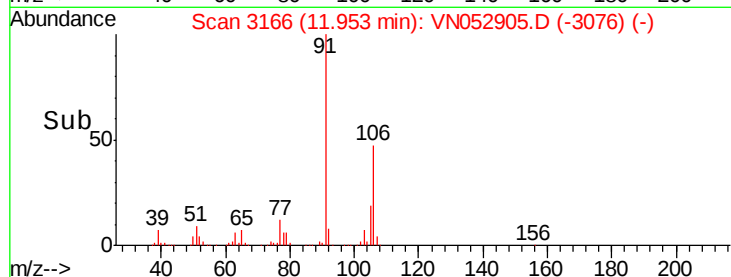
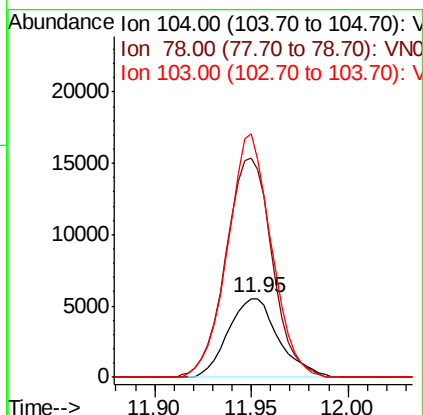
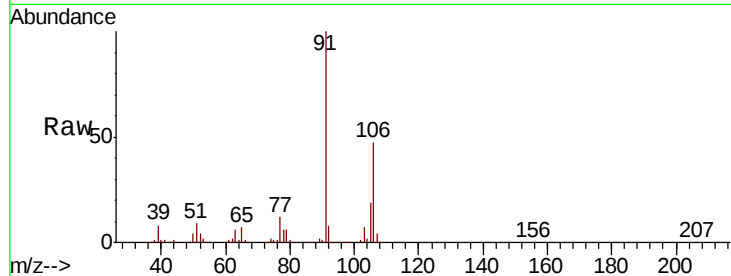




#70
Stvrene
Concen: 0.249 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. -0.01 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

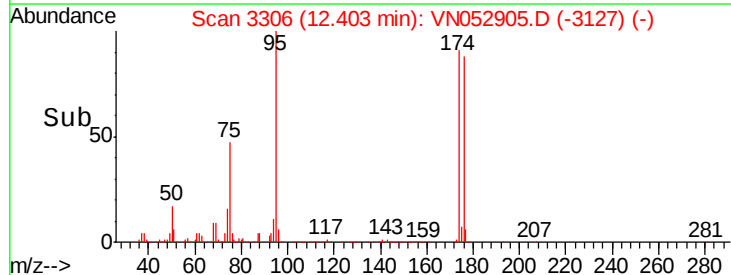
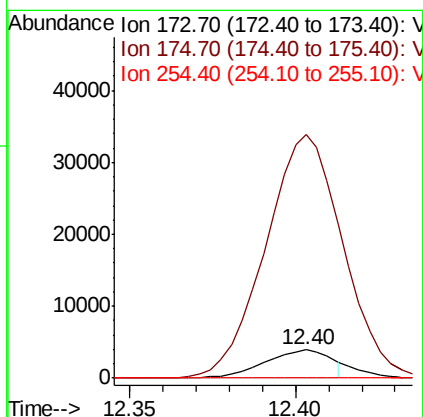
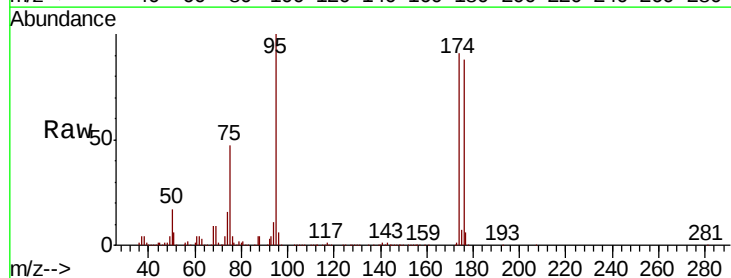
Instrument :
MSVOA_N
ClientSampleId :

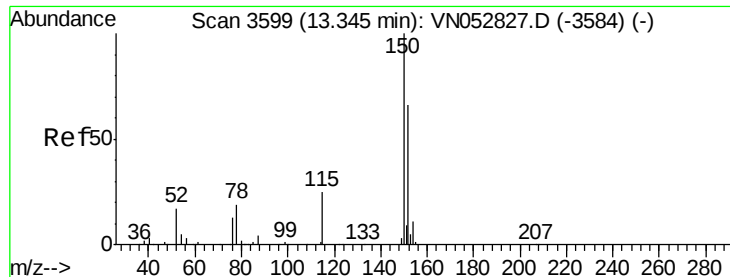
Tot Ion:104 Resp: 9999
Ion Ratio Lower Upper
104 100
78 256.8 38.9 58.3#
103 268.2 44.3 66.5#



#71
Bromoform
Concen: 0.573 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion:173 Resp: 5376
Ion Ratio Lower Upper
173 100
175 881.2 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampled :

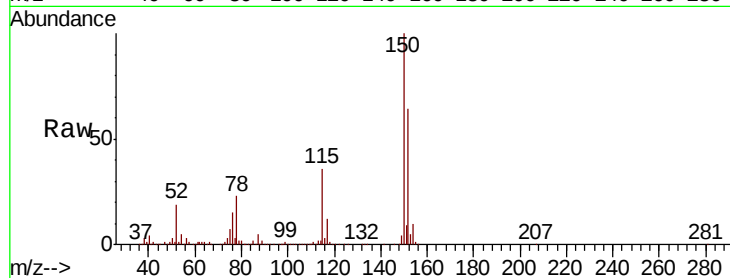
Tot Ion:152 Resp: 774533

Ion Ratio Lower Upper

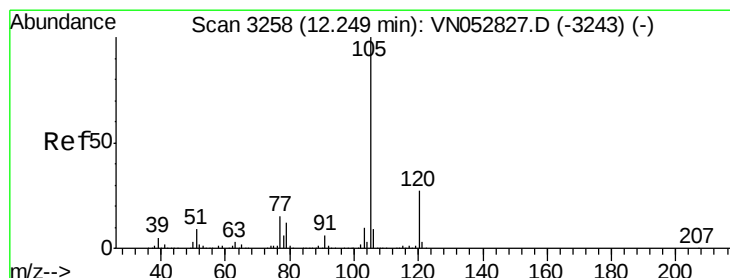
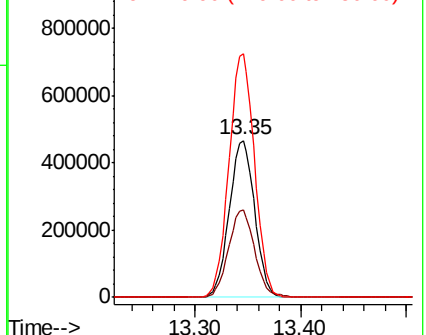
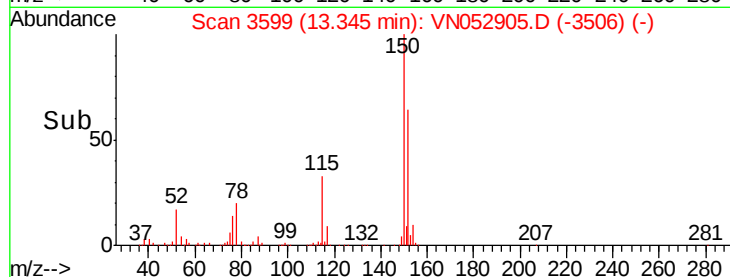
152 100

115 57.2 28.3 85.0

150 155.9 0.0 347.8



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: 0.545 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052905.D

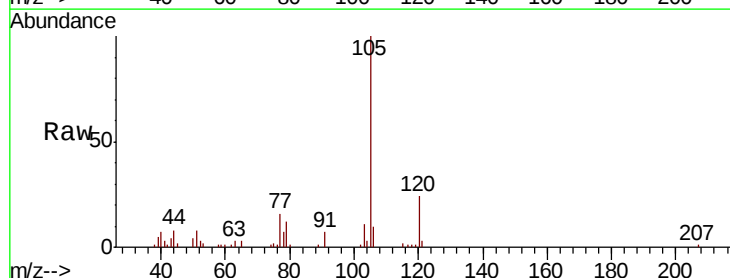
Acq: 14 Dec 2018 22:39

Tgt Ion:105 Resp: 31513

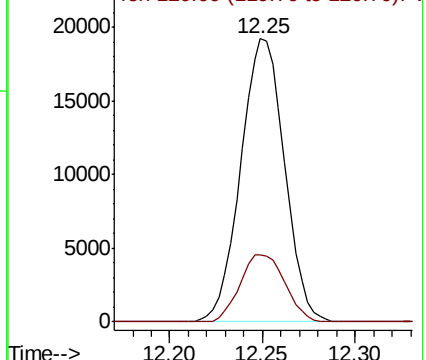
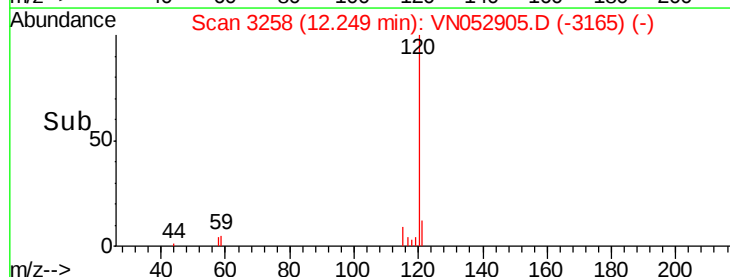
Ion Ratio Lower Upper

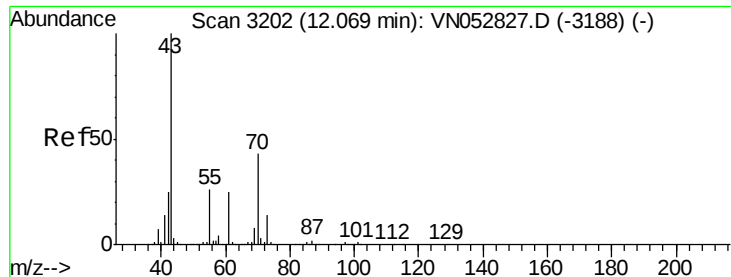
105 100

120 24.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.700 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 42868

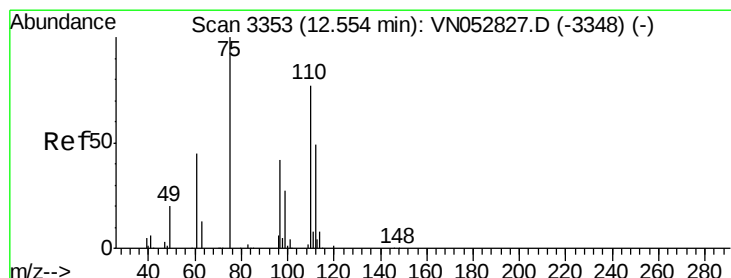
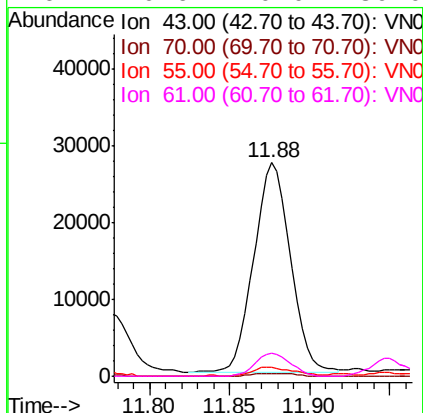
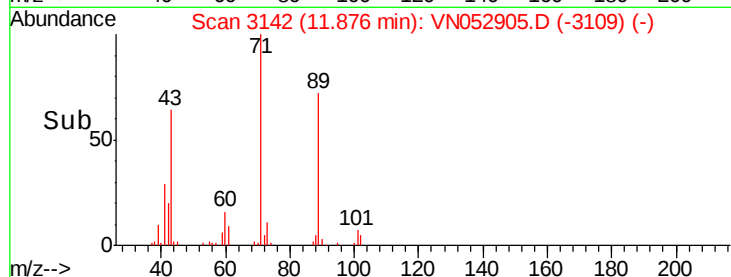
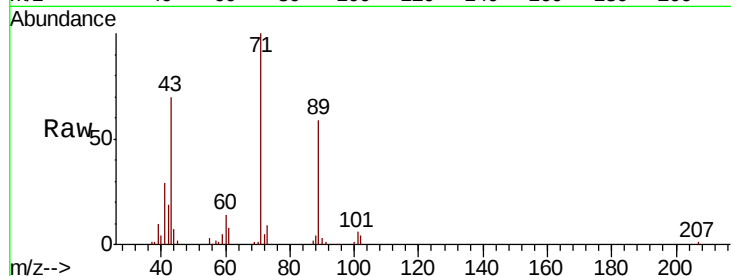
Ion Ratio Lower Upper

43 100

70 1.6 34.2 51.4#

55 5.1 20.3 30.5#

61 10.6 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 34.752 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052905.D

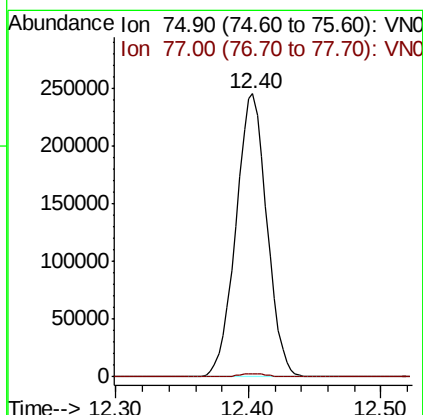
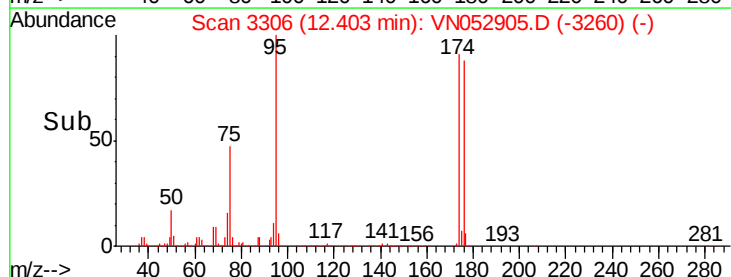
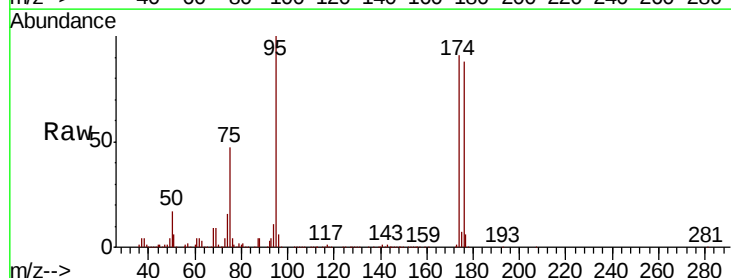
Acq: 14 Dec 2018 22:39

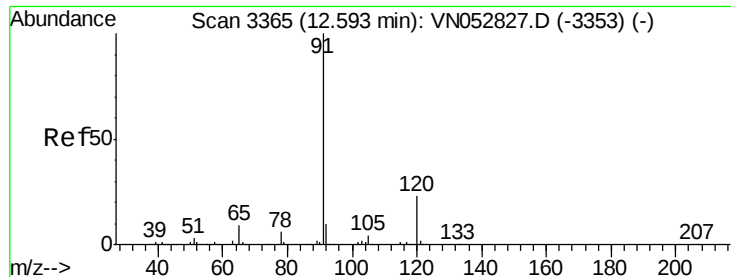
Tgt Ion: 75 Resp: 397125

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#78

n-propylbenzene

Concen: 2.570 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

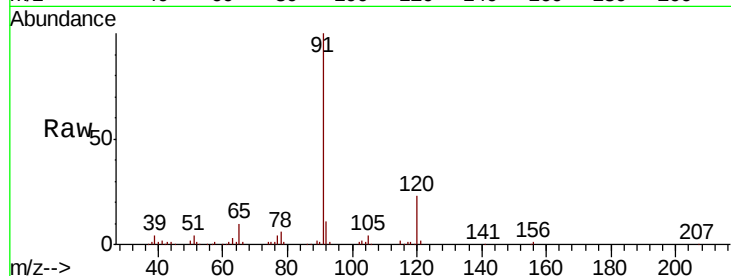
ClientSampled :

Tot Ion: 91 Resp: 169529

Ion Ratio Lower Upper

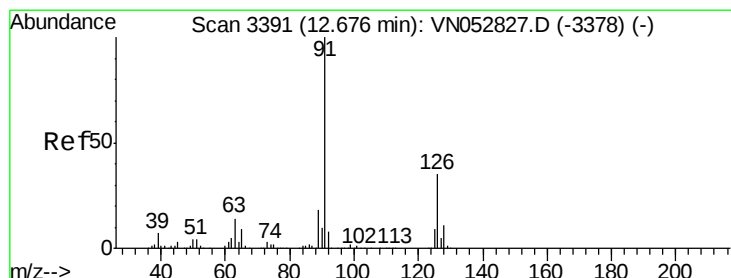
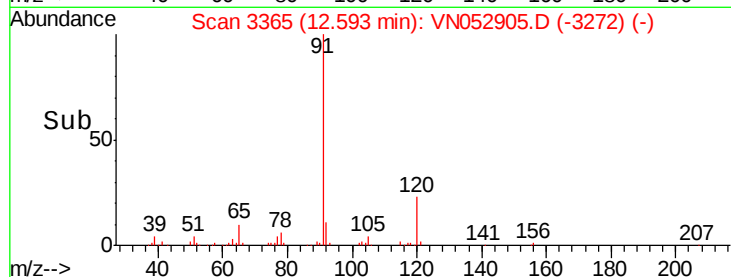
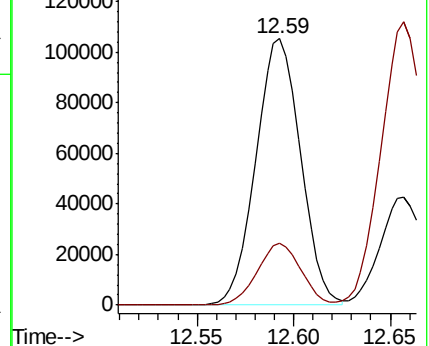
91 100

120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.652 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN052905.D

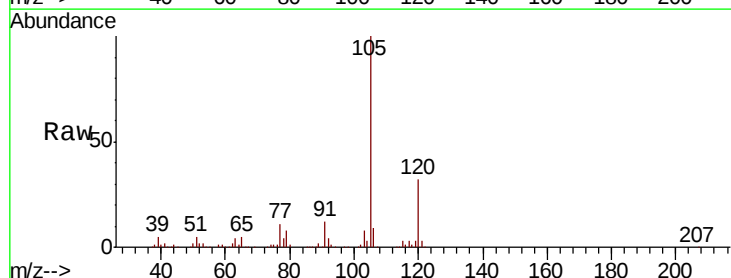
Acq: 14 Dec 2018 22:39

Tgt Ion: 91 Resp: 64430

Ion Ratio Lower Upper

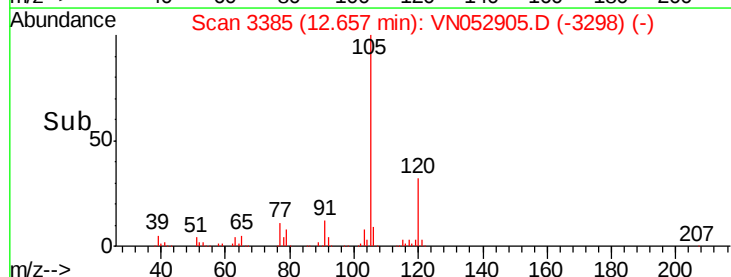
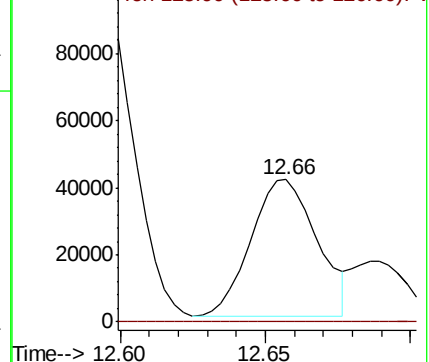
91 100

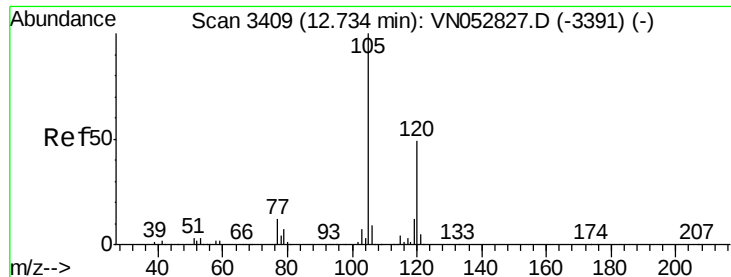
126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 5.984 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

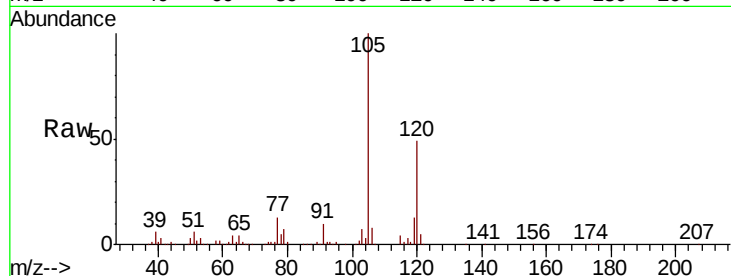
ClientSampleId :

Tot Ion:105 Resp: 279346

Ion Ratio Lower Upper

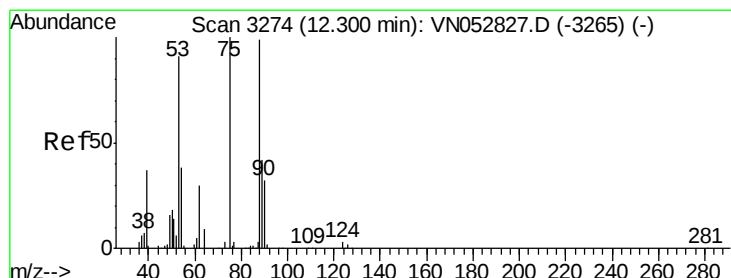
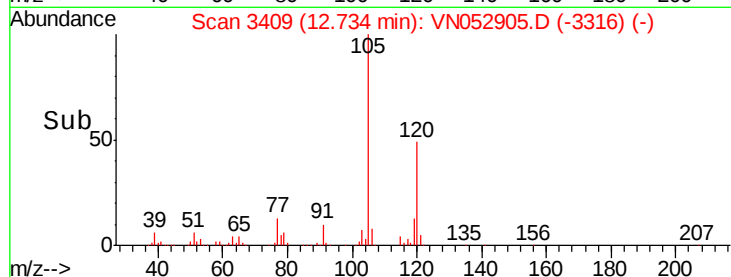
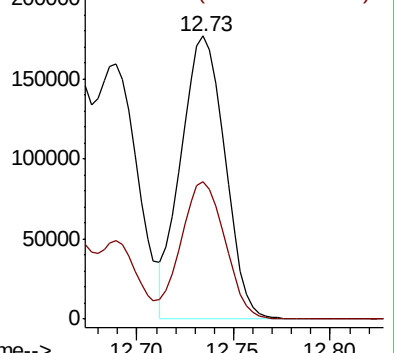
105 100

120 49.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 111.641 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

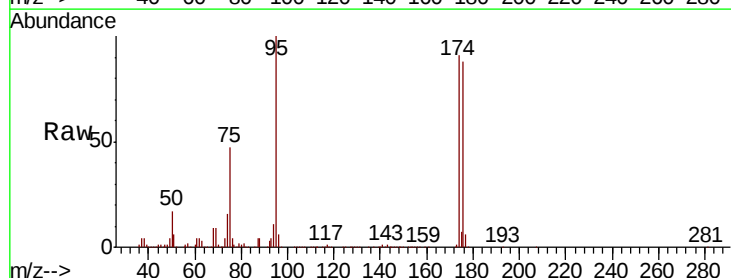
Tgt Ion: 75 Resp: 397125

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

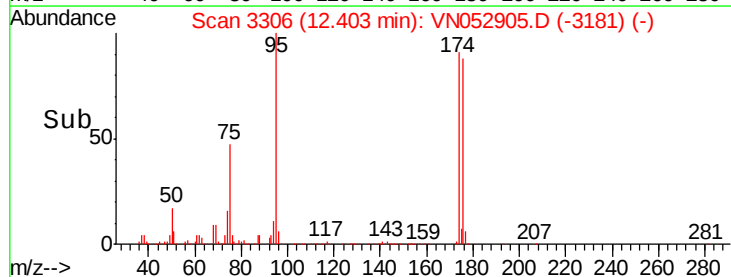
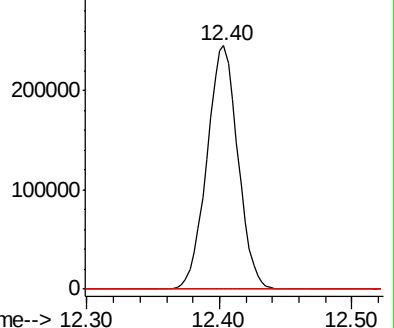
89 0.0 36.1 54.1#

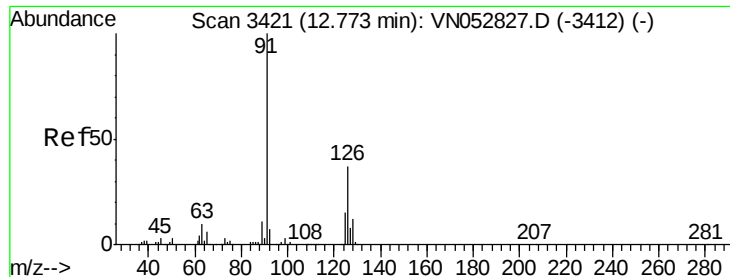


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.688 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

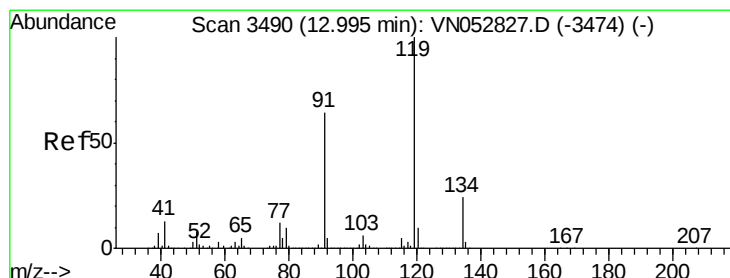
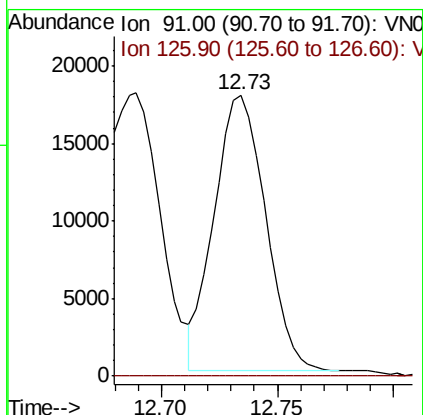
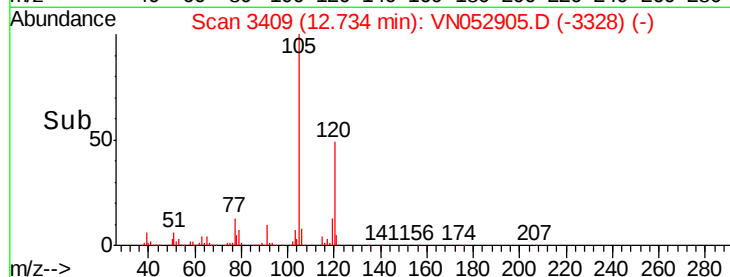
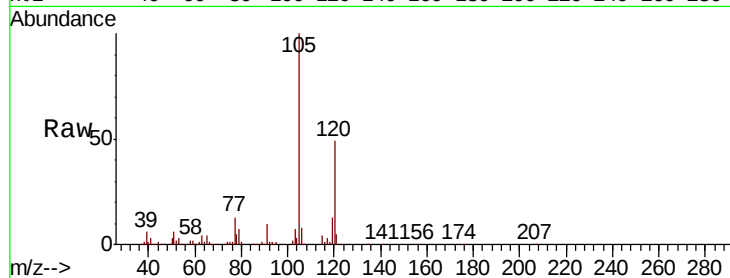
ClientSampled :

Tot Ion: 91 Resp: 27433

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.7#



#83

tert-Butylbenzene

Concen: 2.903 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.04 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

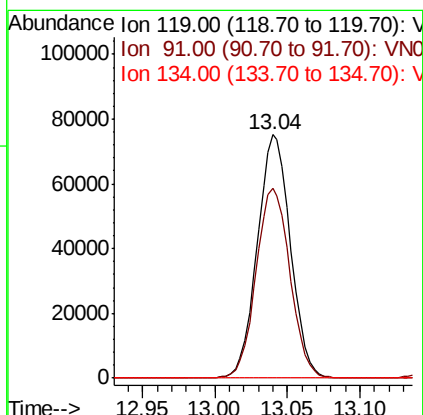
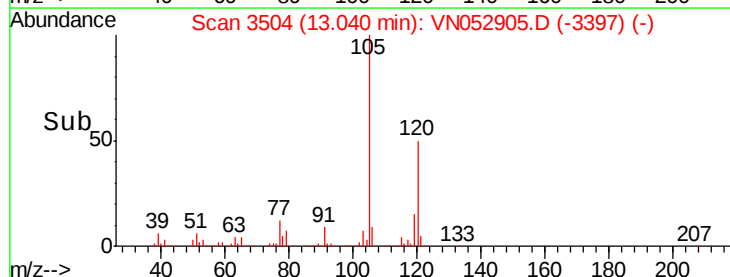
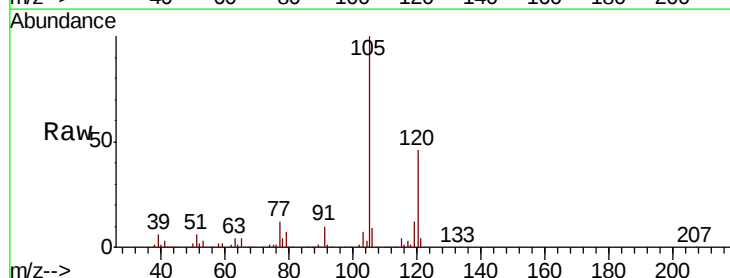
Tgt Ion: 119 Resp: 119565

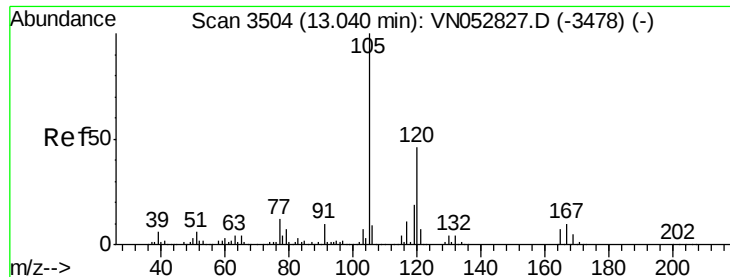
Ion Ratio Lower Upper

119 100

91 80.5 31.9 95.5

134 0.0 12.8 38.4#

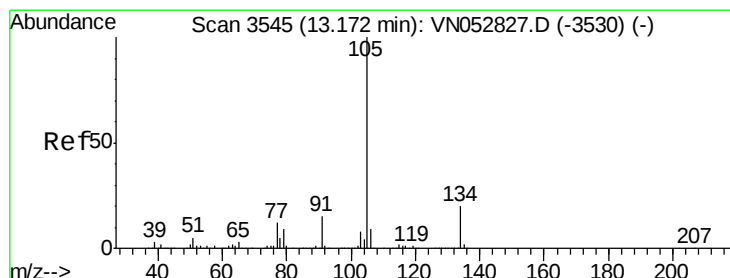
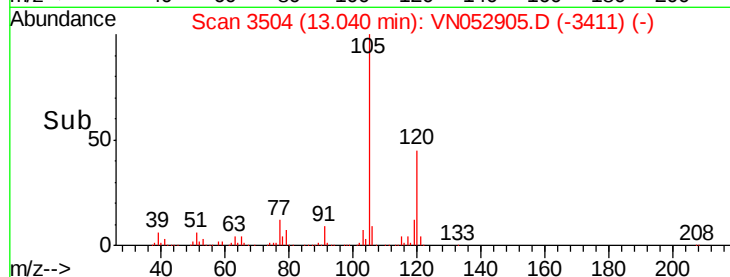
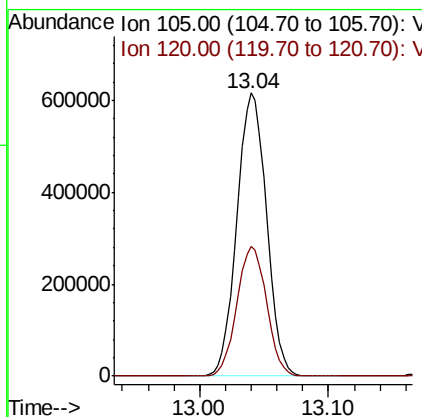
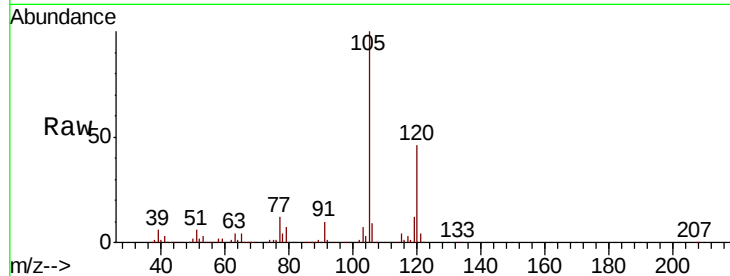




#84
 1,2,4-Trimethylbenzene
 Concen: 20.809 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052905.D
 Acq: 14 Dec 2018 22:39

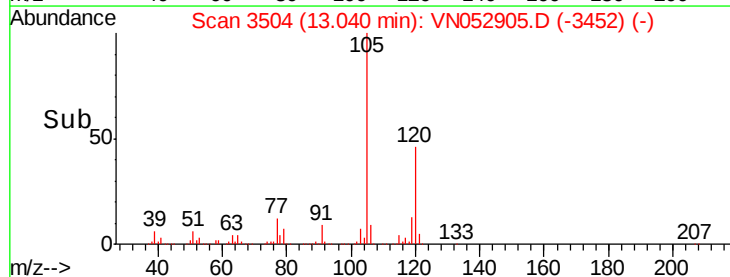
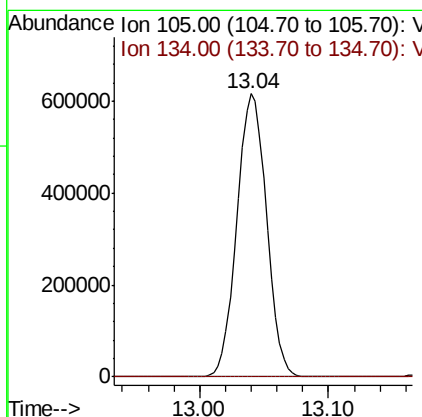
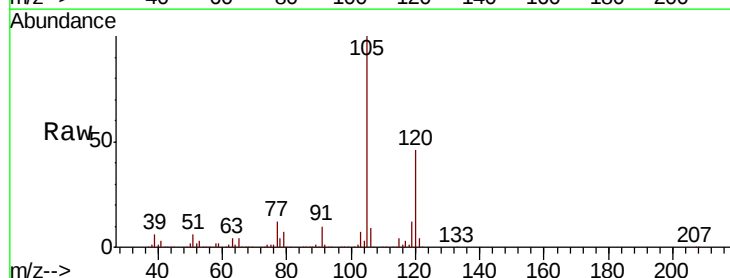
Instrument :
 MSVOA_N
 ClientSampled :

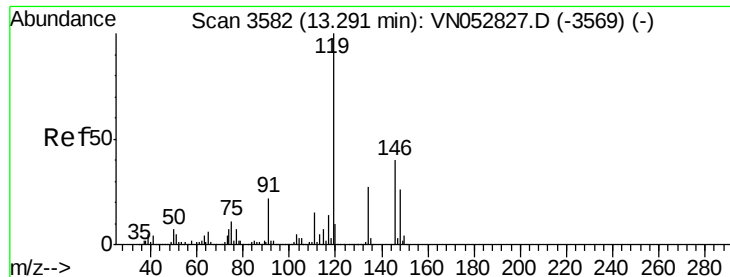
Tot Ion:105 Resp: 983446
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 17.634 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN052905.D
 Acq: 14 Dec 2018 22:39

Tgt Ion:105 Resp: 983446
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#

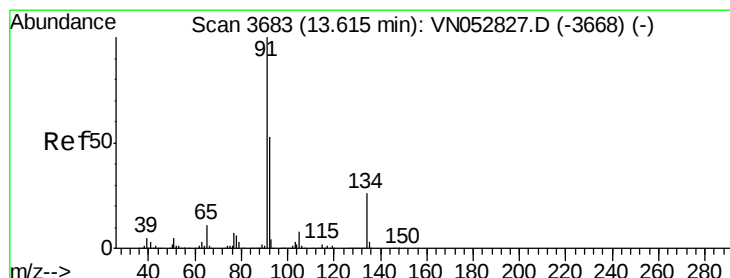
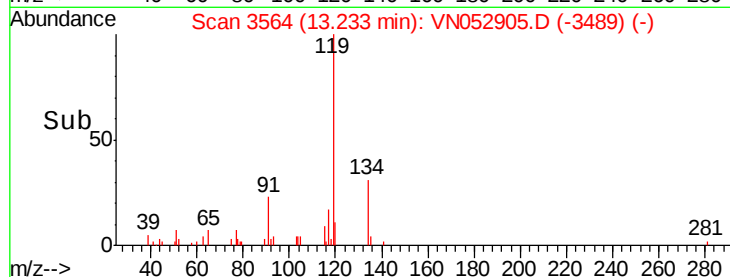
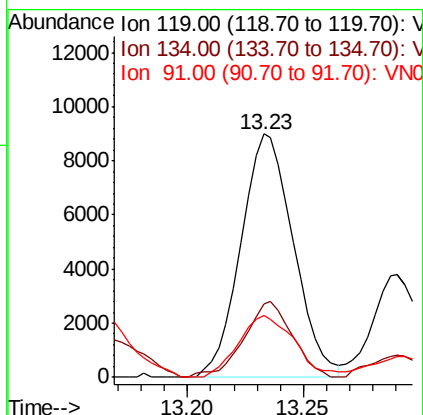
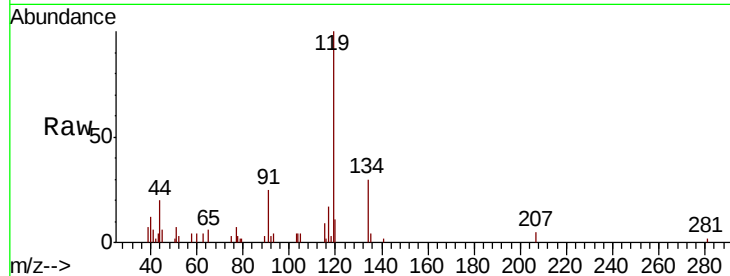




#86
p-Isopropyltoluene
Concen: 0.293 ug/l
RT: 13.23 min Scan# 3564
Delta R.T. -0.06 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

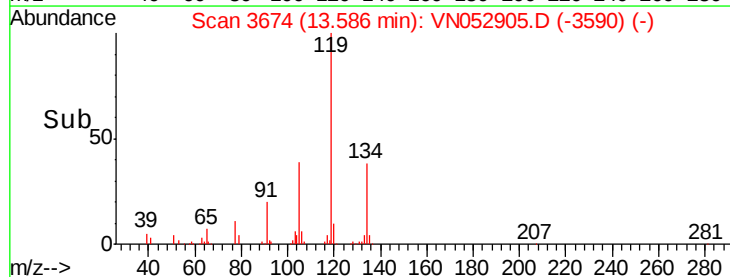
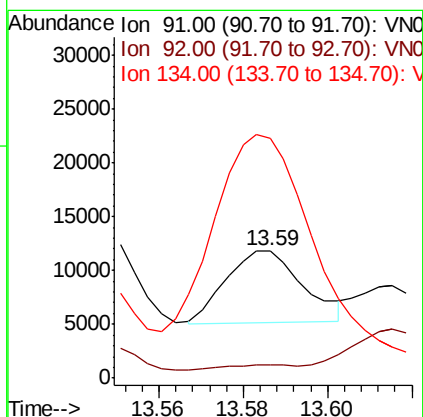
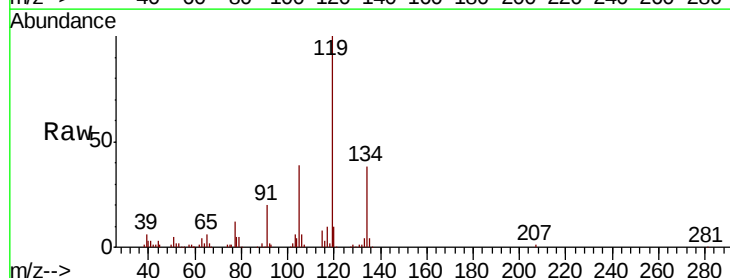
Instrument :
MSVOA_N
ClientSampleId :

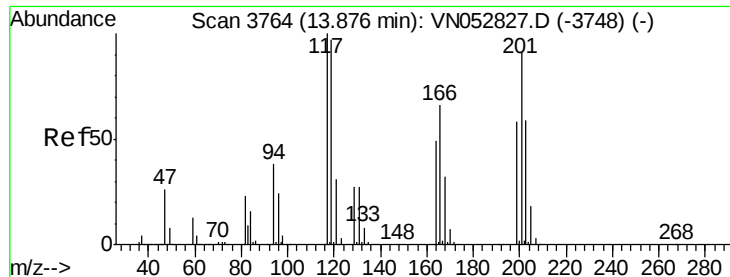
Tot Ion:119 Resp: 14163
Ion Ratio Lower Upper
119 100
134 28.8 13.4 40.2
91 27.2 11.1 33.3



#89
n-Butylbenzene
Concen: 0.206 ug/l
RT: 13.59 min Scan# 3674
Delta R.T. -0.03 min
Lab File: VN052905.D
Acq: 14 Dec 2018 22:39

Tgt Ion: 91 Resp: 8368
Ion Ratio Lower Upper
91 100
92 20.2 26.3 78.9#
134 494.5 13.3 39.8#





#90

Hexachloroethane

Concen: 1.257 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

Instrument :

MSVOA_N

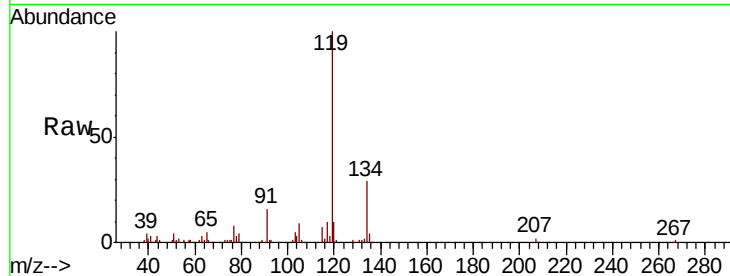
ClientSampled :

Tot Ion:117 Resp: 10170

Ion Ratio Lower Upper

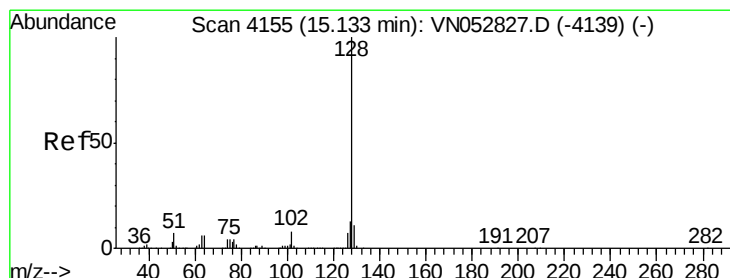
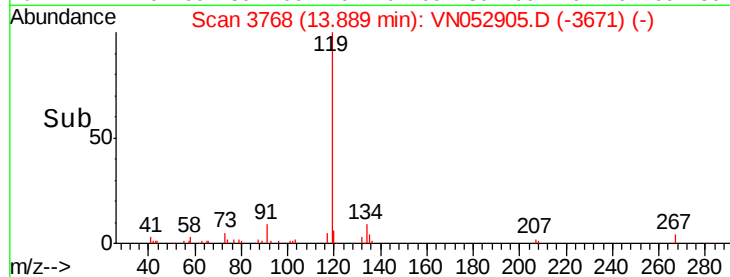
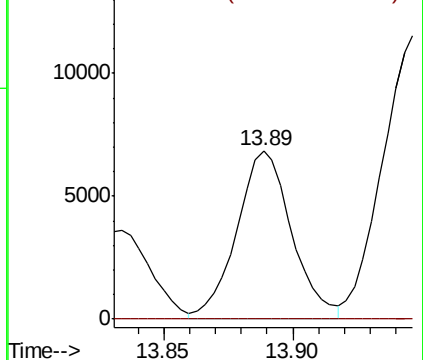
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 4.497 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052905.D

Acq: 14 Dec 2018 22:39

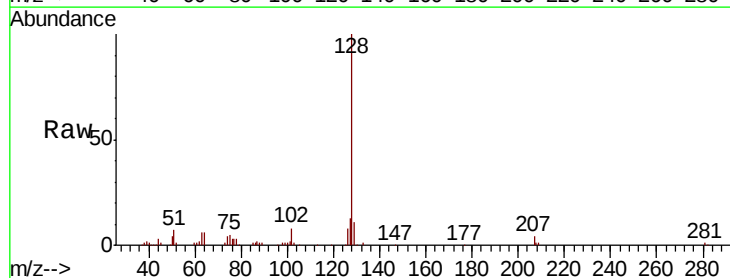
Tgt Ion:128 Resp: 127288

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 13.0



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

