

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052530.D
 Acq On : 28 Nov 2018 19:55
 Operator : MD\SY
 Sample : J6044-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 30002

Quant Time: Nov 29 00:13:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1406289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2122107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1816735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	752656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	709855	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
35) Dibromofluoromethane	7.59	113	645226	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.09	98	2549079	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	825164	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.78	59	207863	271.164	ug/l	99
13) Acrolein	3.62	56	13366	42.084	ug/l	84
16) Acetone	3.82	43	783002	193.876	ug/l	99
18) Methyl Acetate	4.33	43	199033	17.181	ug/l	99
20) Methylene Chloride	4.55	84	886202	56.073	ug/l	98
25) 2-Butanone	6.84	43	363913	63.572	ug/l	97
26) 2,2-Dichloropropane	6.65	77	7278	0.386	ug/l #	52
29) Tetrahydrofuran	7.21	42	3277	0.888	ug/l #	49
31) Cyclohexane	7.66	56	24452	0.567	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	94474	4.714	ug/l #	49
37) Ethyl Acetate	6.93	43	37171	3.039	ug/l #	94
38) Carbon Tetrachloride	7.66	117	124802	6.879	ug/l #	16
40) Benzene	8.04	78	31437	0.526	ug/l #	89
41) Methacrylonitrile	7.18	41	7512	1.123	ug/l #	41
43) Isopropyl Acetate	8.22	43	18130	0.876	ug/l #	51
48) Methyl methacrylate	9.17	41	95282	8.829	ug/l #	38
49) 1,4-Dioxane	9.20	88	609	5.437	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	9298	0.801	ug/l #	84
52) Toluene	10.16	92	65796	1.854	ug/l	99
56) Ethyl methacrylate	10.41	69	216	2.705	ug/l #	1
59) 2-Hexanone	10.75	43	21459	2.753	ug/l	91
67) Ethyl Benzene	11.51	91	47409	0.723	ug/l	99
68) m/p-Xylenes	11.62	106	105390	4.315	ug/l	96
69) o-Xylene	11.95	106	55170	2.326	ug/l	99
70) Styrene	11.96	104	20611	0.546	ug/l #	66
71) Bromoform	12.40	173	4444	0.515	ug/l #	1
74) N-amyl acetate	12.03	43	200359	13.430	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.56	83	16527	1.230	ug/l #	26
76) 1,2,3-Trichloropropane	12.40	75	392651	33.831	ug/l #	100
78) n-propylbenzene	12.59	91	19743	0.294	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	52824	1.122	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	392651	112.978	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	128159	2.715	ug/l	98
90) Hexachloroethane	13.86	117	1789	0.217	ug/l #	6

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QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

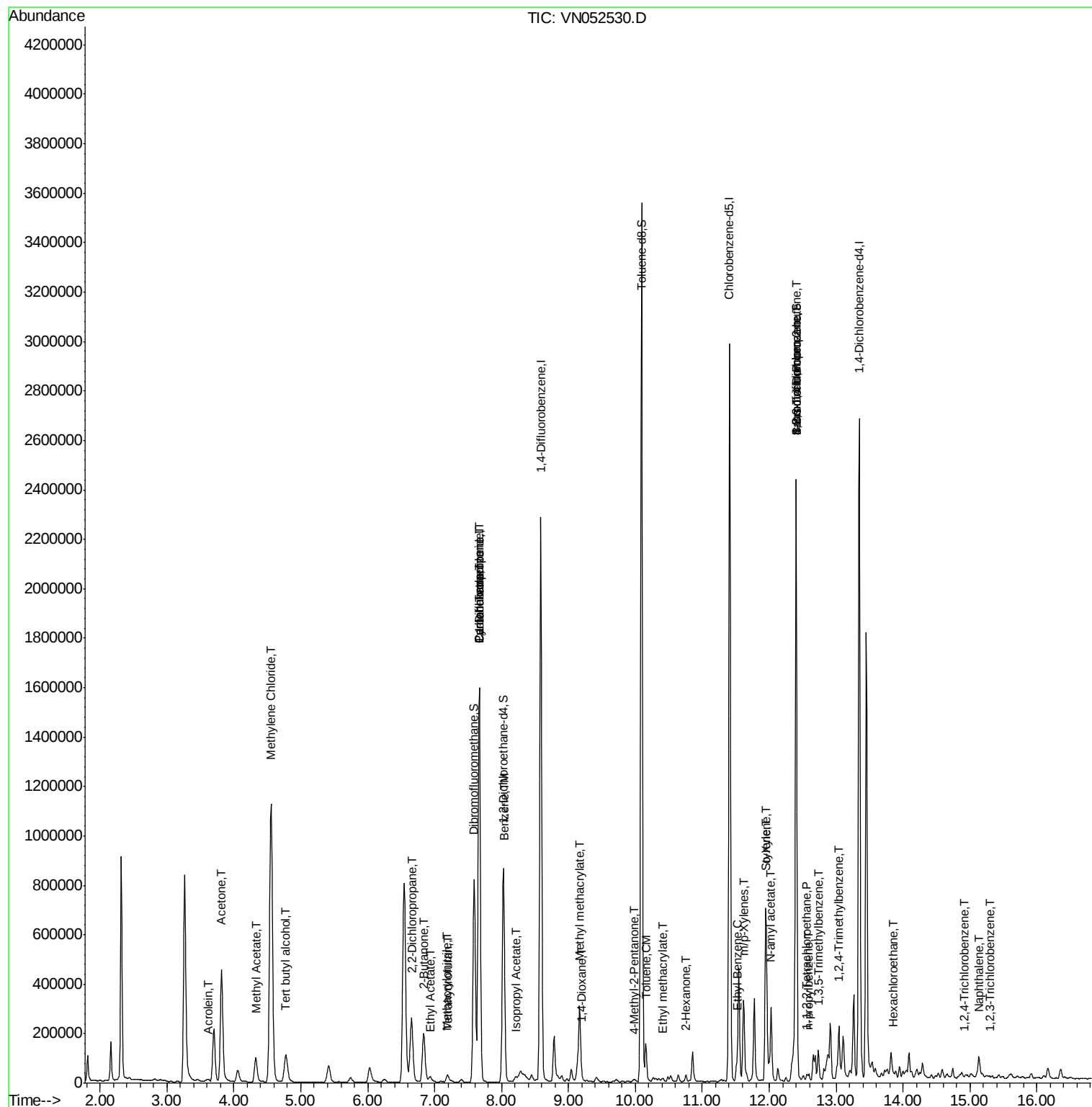
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	687	2.878	ug/l #	21
95) Naphthalene	15.13	128	66100	5.601	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	685	2.780	ug/l #	23

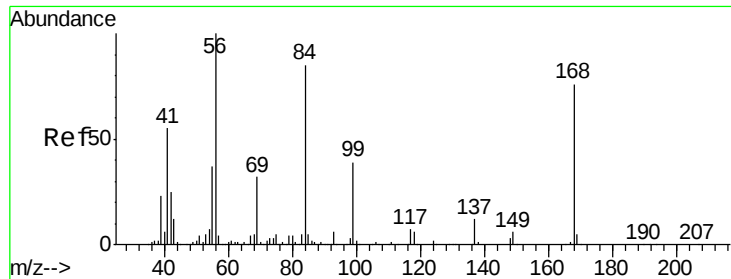
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

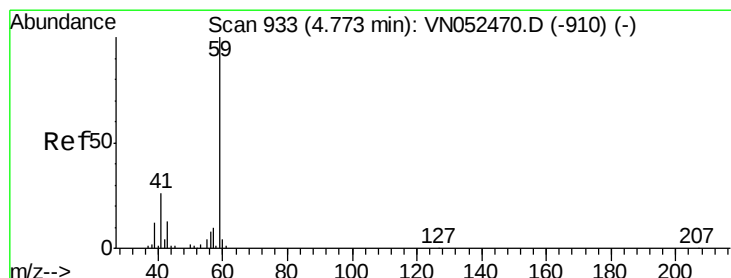
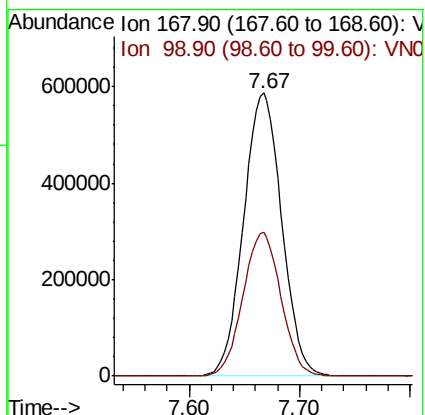
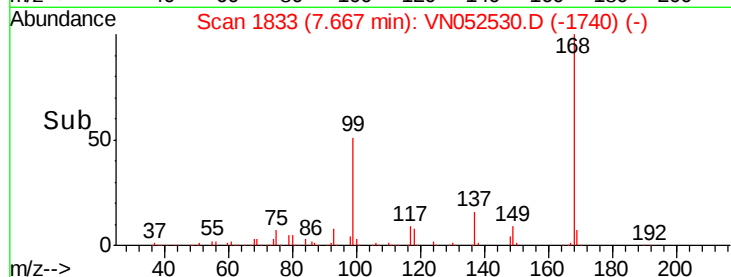
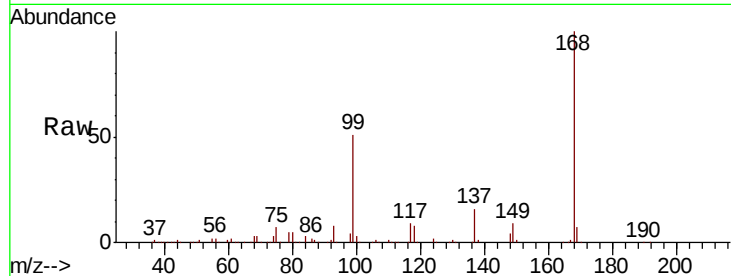
30002

Tot Ion:168 Resp: 1406289

Ion Ratio Lower Upper

168 100

99 50.9 41.7 62.5



#11

Tert butyl alcohol

Concen: 271.164 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: VN052530.D

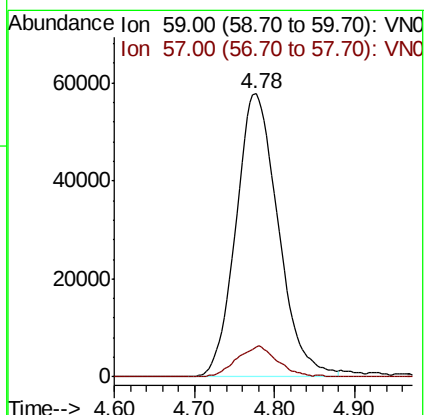
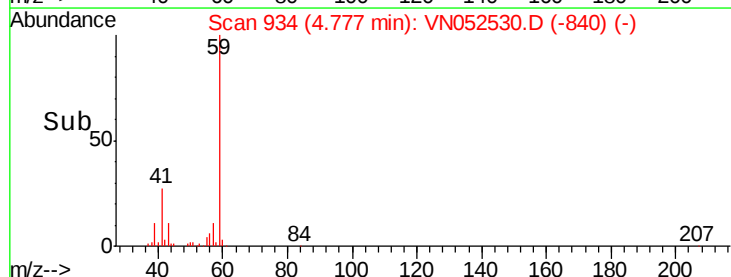
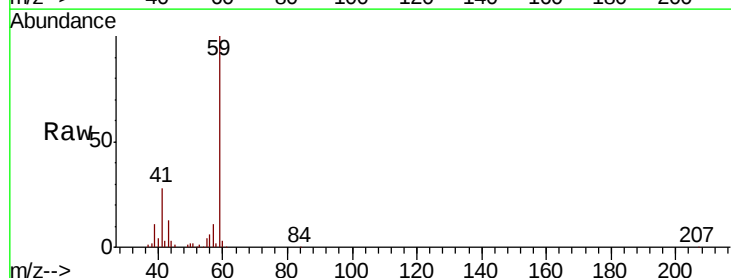
Acq: 28 Nov 2018 19:55

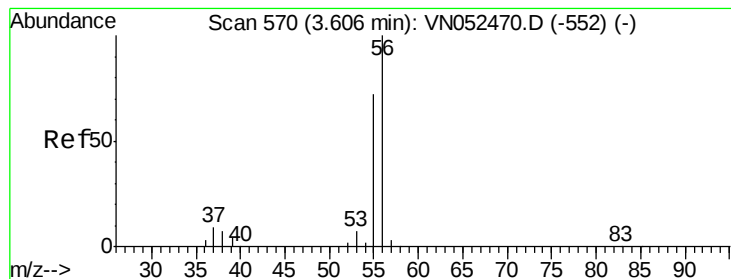
Tgt Ion: 59 Resp: 207863

Ion Ratio Lower Upper

59 100

57 10.4 7.9 11.9





#13

Acrolein

Concen: 42.084 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampled :

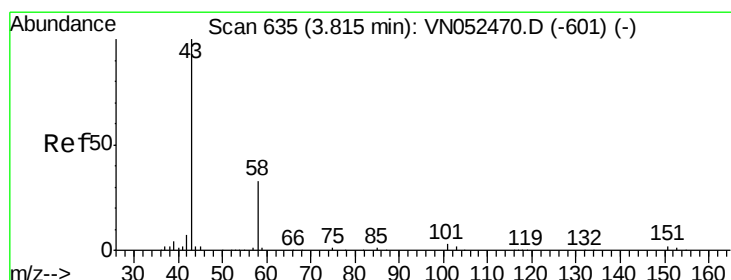
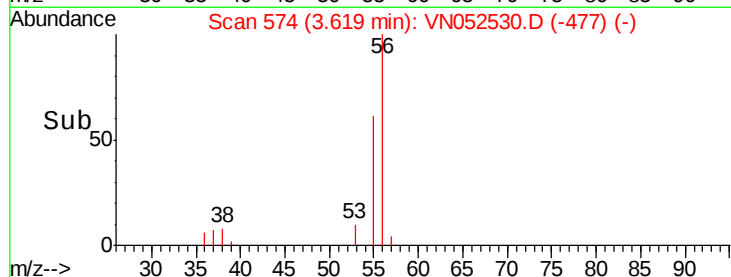
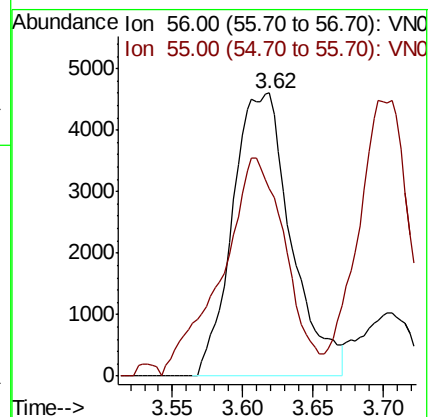
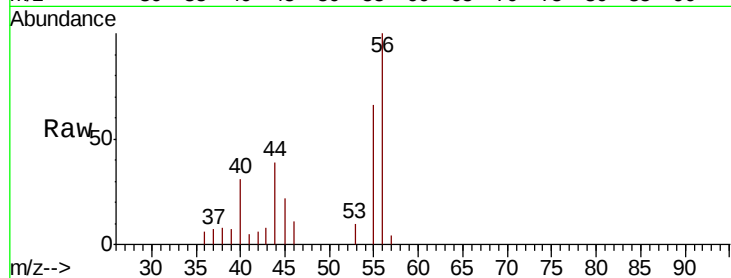
30002

Tot Ion: 56 Resp: 13366

Ion Ratio Lower Upper

56 100

55 84.5 56.8 85.2



#16

Acetone

Concen: 193.876 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052530.D

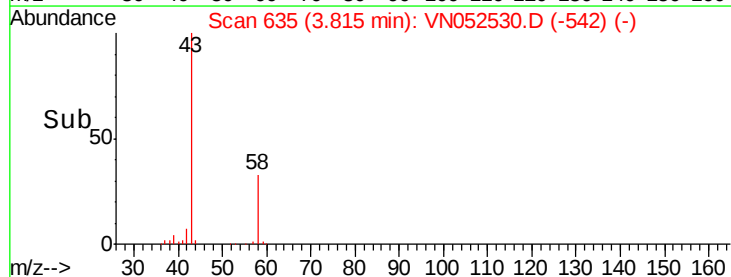
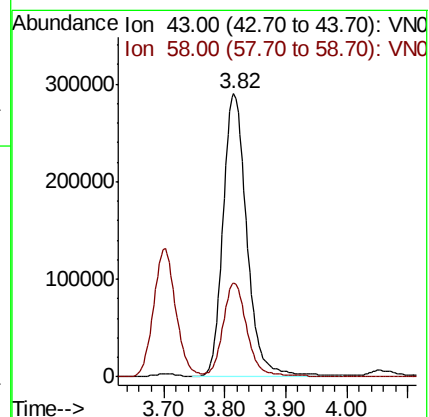
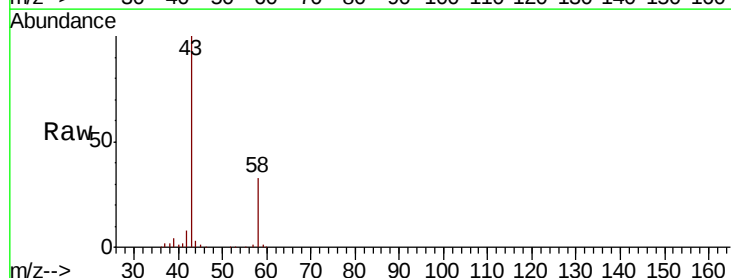
Acq: 28 Nov 2018 19:55

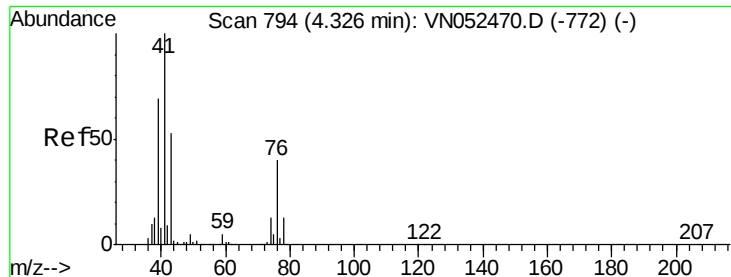
Tgt Ion: 43 Resp: 783002

Ion Ratio Lower Upper

43 100

58 33.0 26.0 39.0

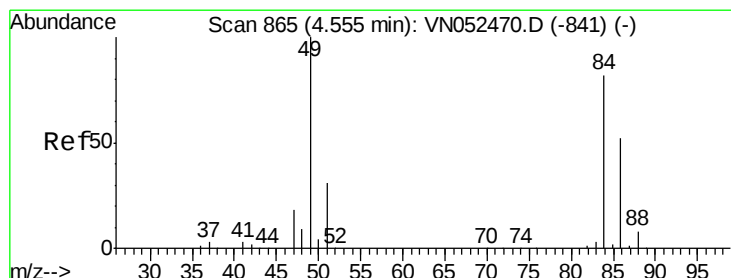
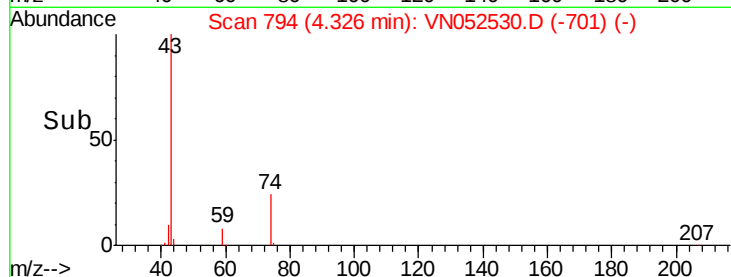
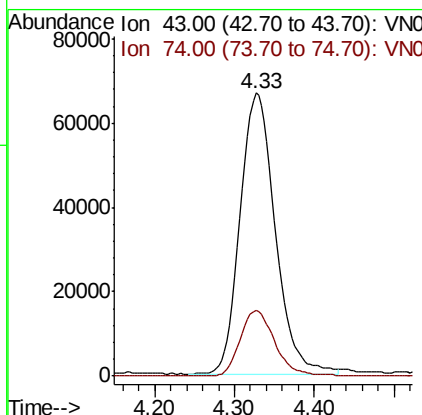
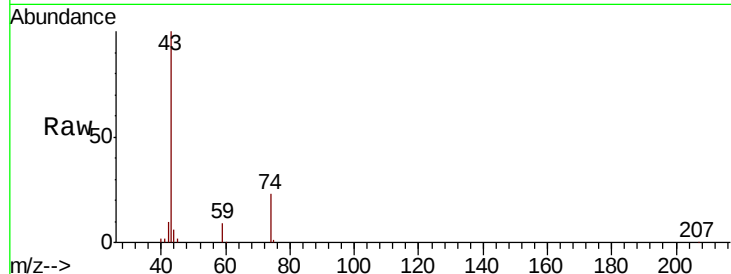




#18
Methvl Acetate
Concen: 17.181 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

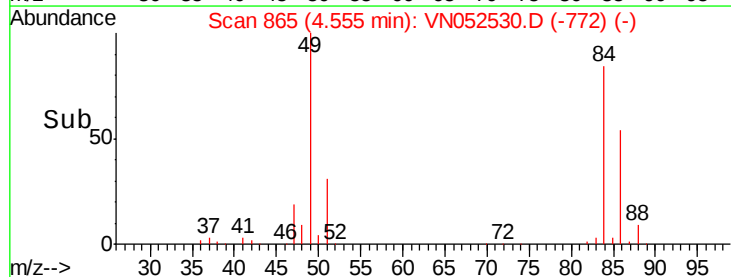
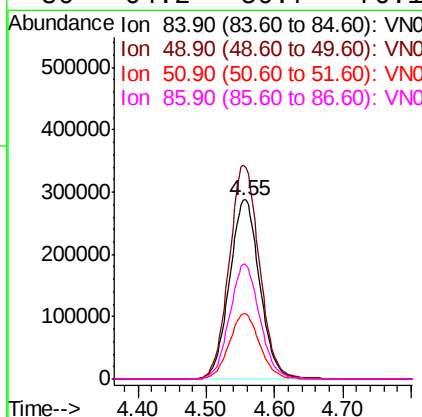
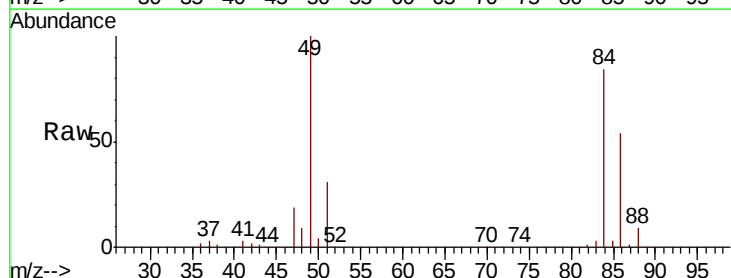
Instrument :
MSVOA_N
ClientSampleId :
30002

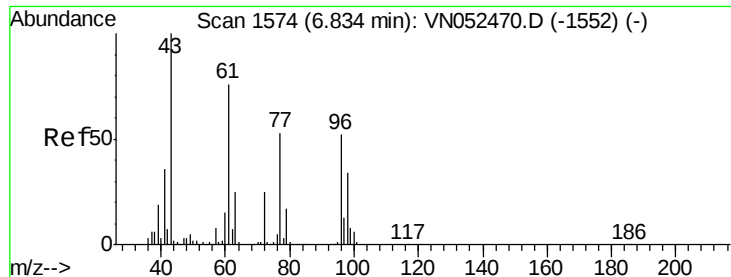
Tot Ion: 43 Resp: 199033
Ion Ratio Lower Upper
43 100
74 22.8 18.6 27.8



#20
Methylene Chloride
Concen: 56.073 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Tgt Ion: 84 Resp: 886202
Ion Ratio Lower Upper
84 100
49 119.4 98.0 147.0
51 36.8 30.1 45.1
86 64.2 50.7 76.1





#25

2-Butanone

Concen: 63.572 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

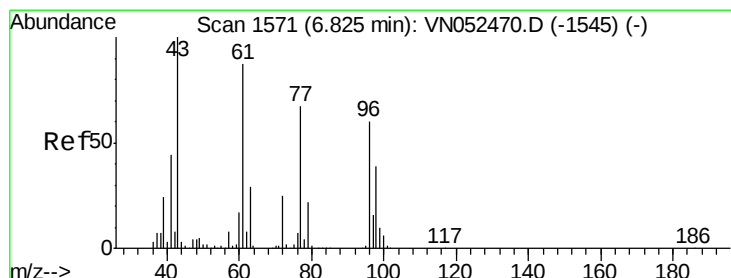
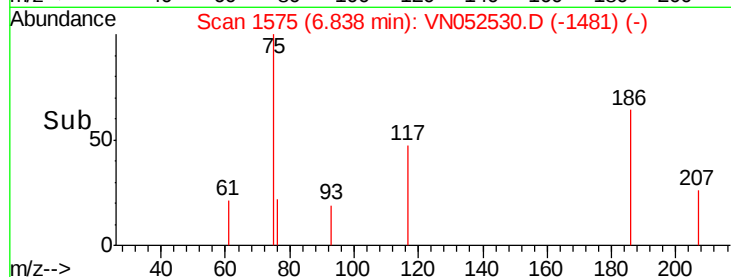
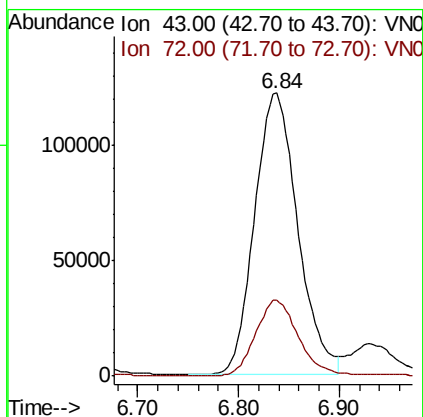
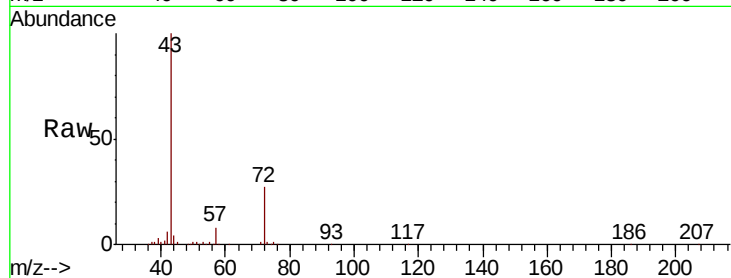
30002

Tot Ion: 43 Resp: 363913

Ion Ratio Lower Upper

43 100

72 26.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 0.386 ug/l

RT: 6.65 min Scan# 1518

Delta R.T. -0.17 min

Lab File: VN052530.D

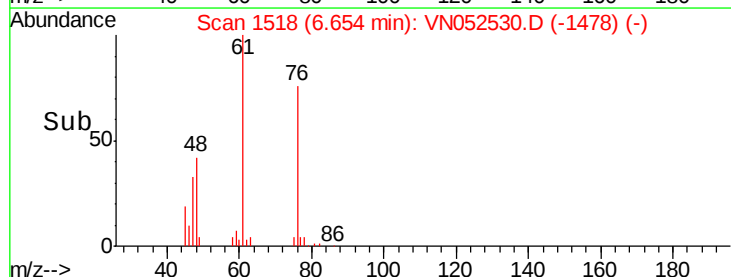
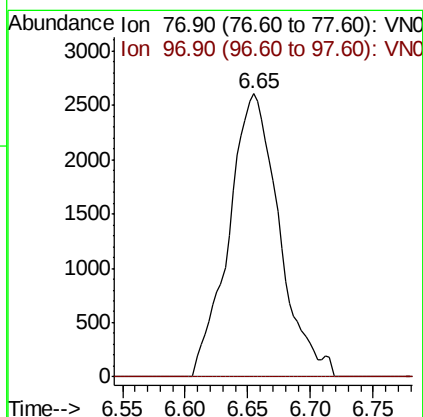
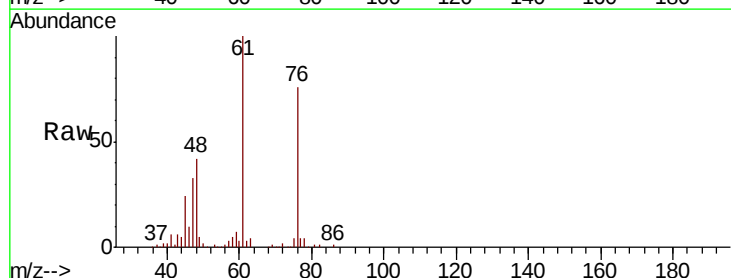
Acq: 28 Nov 2018 19:55

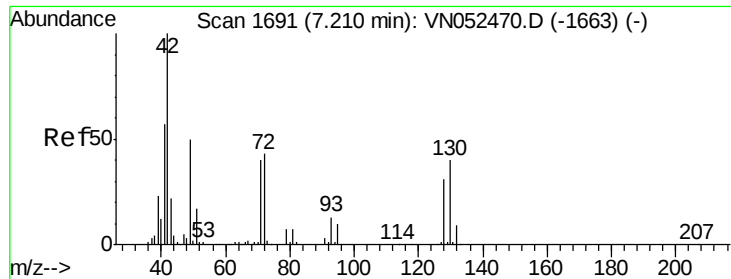
Tgt Ion: 77 Resp: 7278

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.3#

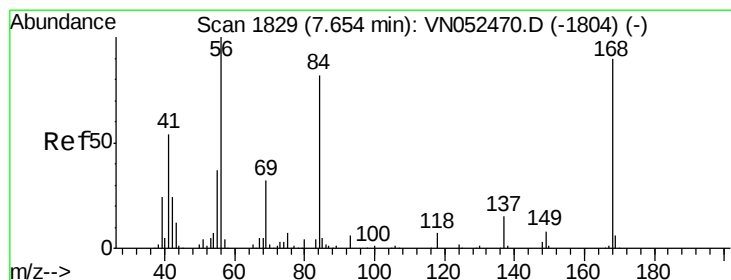
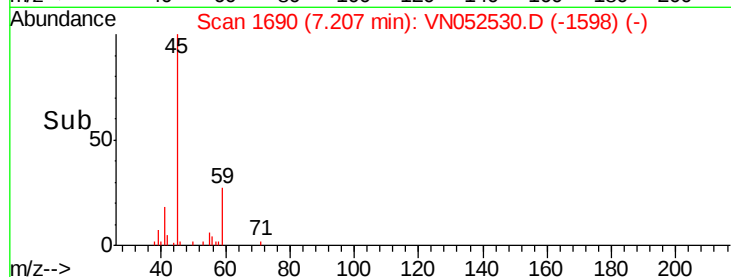
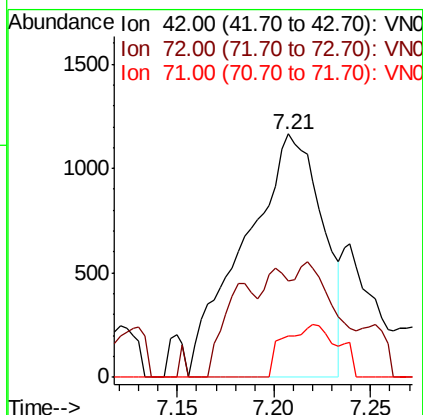
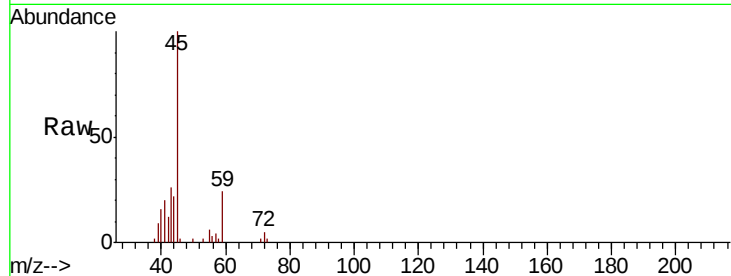




#29
Tetrahydrofuran
Concen: 0.888 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

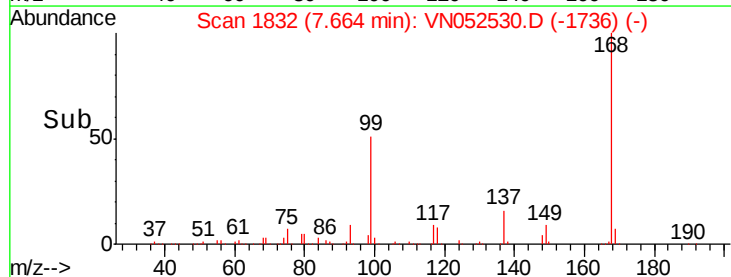
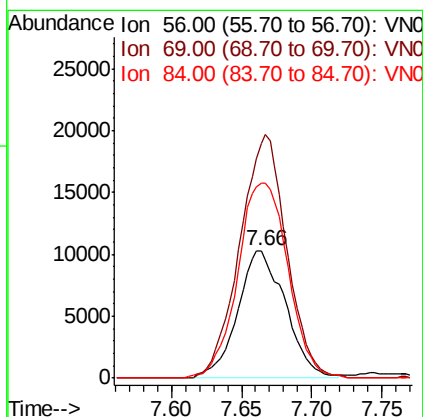
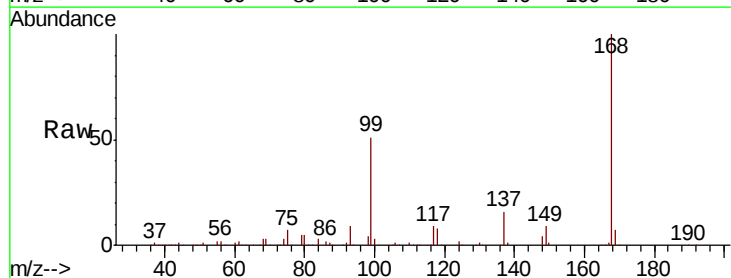
Instrument :
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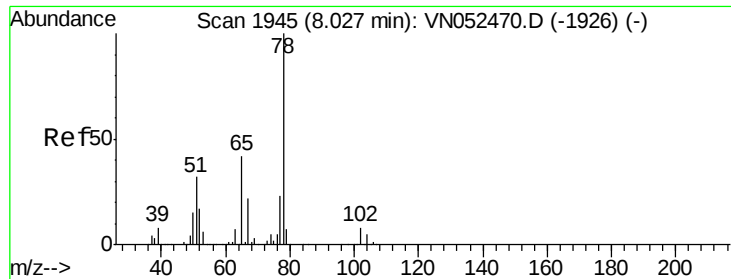
Tot Ion: 42 Resp: 3277
Ion Ratio Lower Upper
42 100
72 3.0 33.3 49.9#
71 15.0 32.0 48.0#



#31
Cyclohexane
Concen: 0.567 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Tgt Ion: 56 Resp: 24452
Ion Ratio Lower Upper
56 100
69 184.0 25.8 38.6#
84 151.2 65.3 97.9#

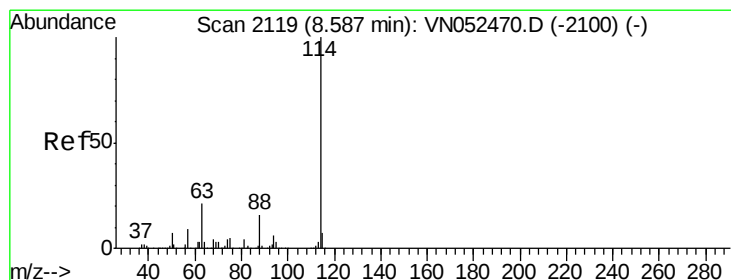
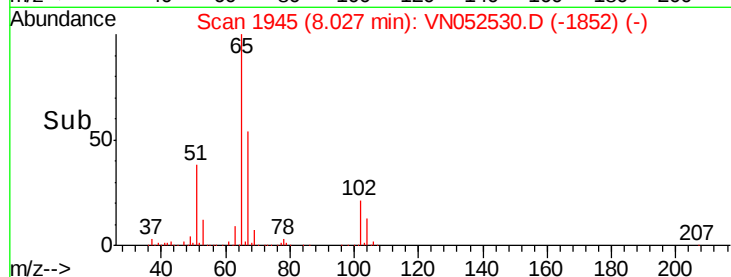
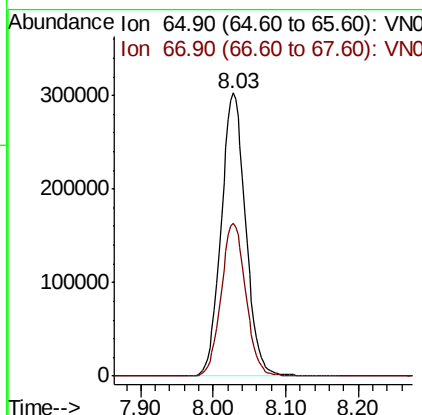
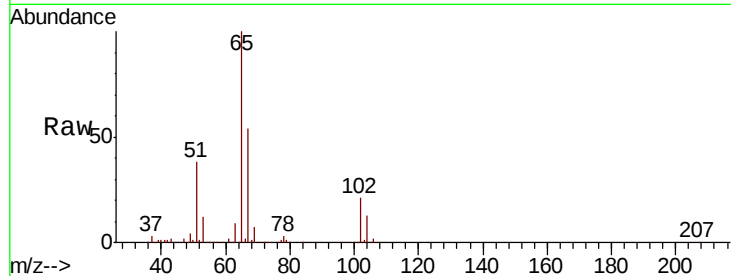




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052530.D
 Acq: 28 Nov 2018 19:55

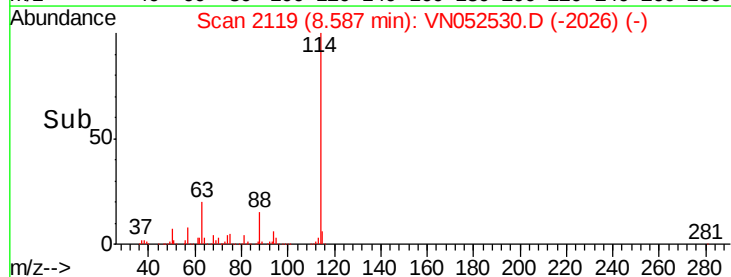
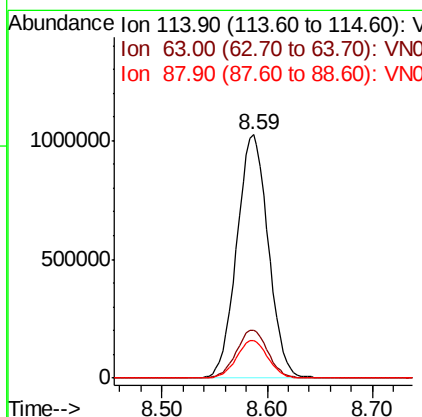
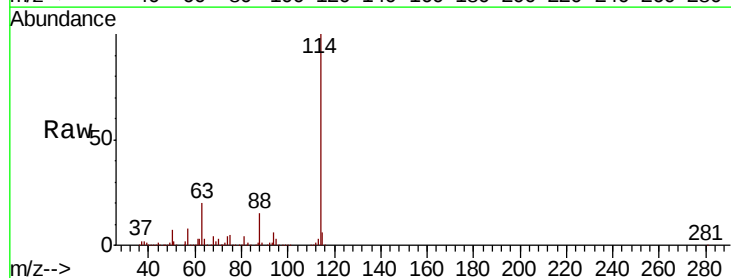
Instrument :
 MSVOA_N
 ClientSampleId :
 30002

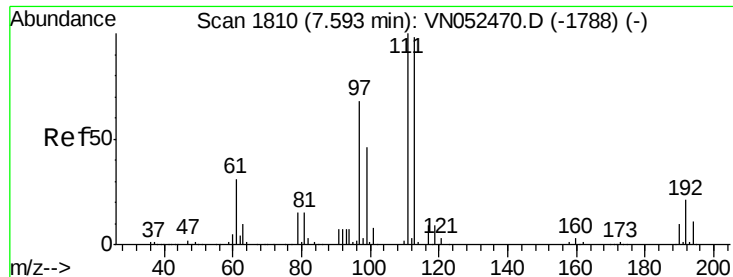
Tot Ion: 65 Resp: 709855
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052530.D
 Acq: 28 Nov 2018 19:55

Tgt Ion: 114 Resp: 2122107
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.8
 88 15.4 0.0 31.6

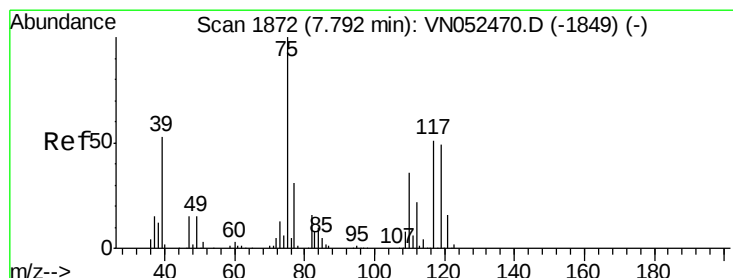
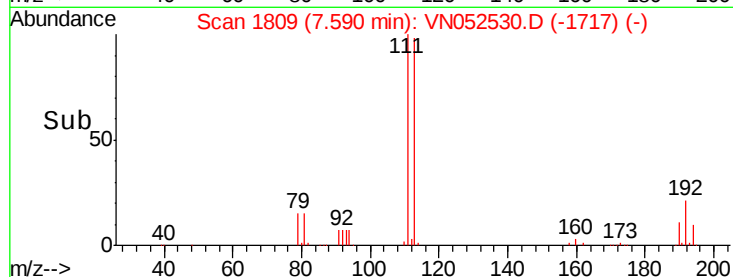
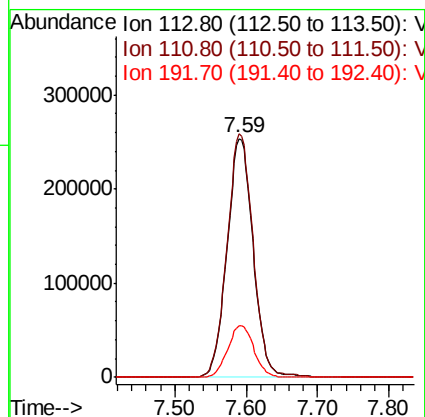
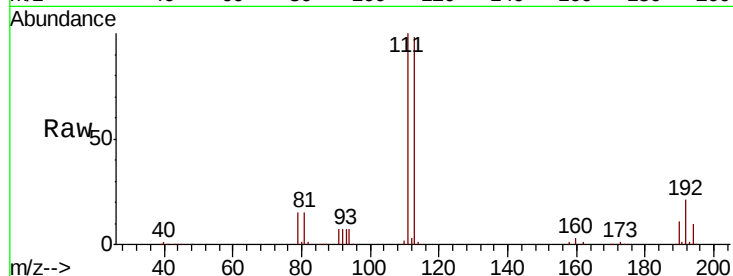




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

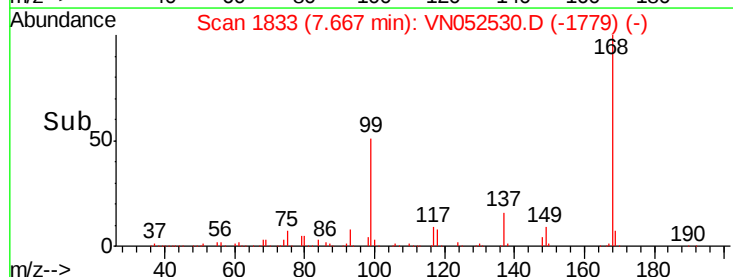
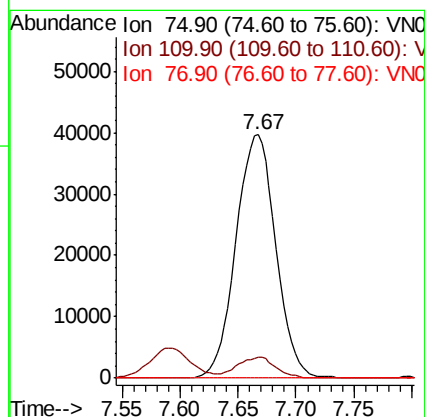
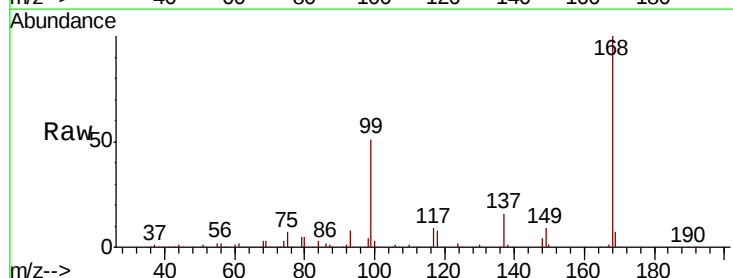
Instrument :
MSVOA_N
ClientSampleId :
30002

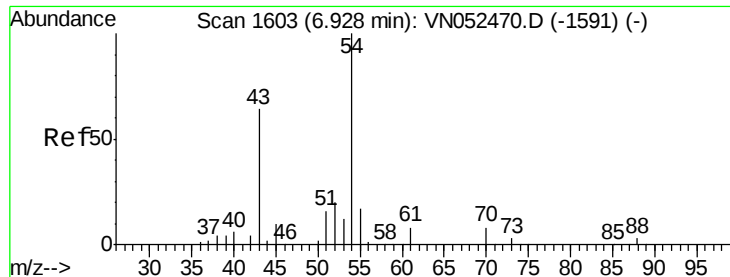
Tot Ion:113 Resp: 645226
Ion Ratio Lower Upper
113 100
111 101.9 82.0 123.0
192 21.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Tgt Ion: 75 Resp: 94474
Ion Ratio Lower Upper
75 100
110 8.3 17.5 52.6#
77 0.0 24.5 36.7#

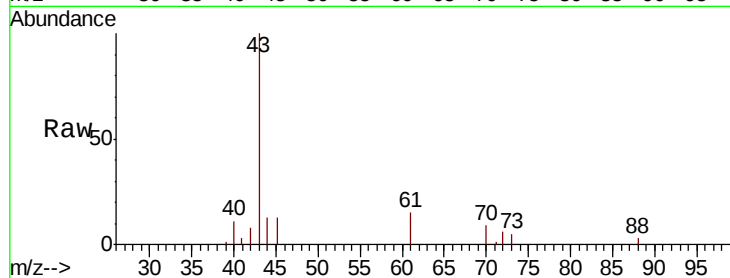




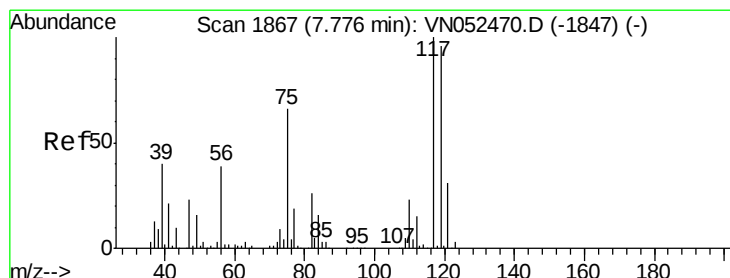
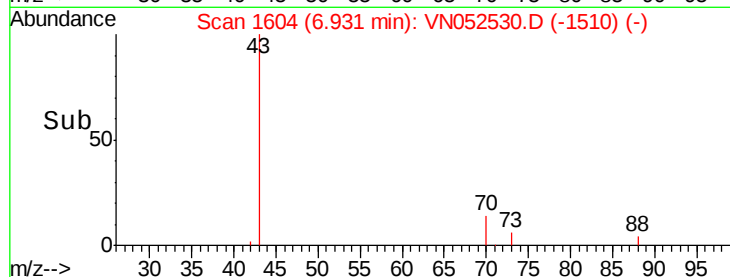
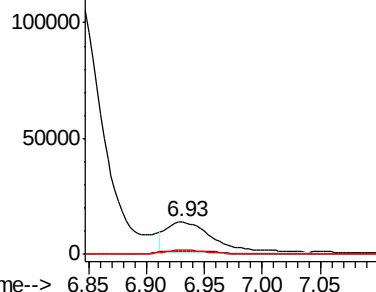
#37
Ethyl Acetate
Concen: 3.039 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Instrument :
MSVOA_N
ClientSampled :
30002

Tot Ion: 43 Resp: 37171
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.8
70 5.9 7.8 11.8#

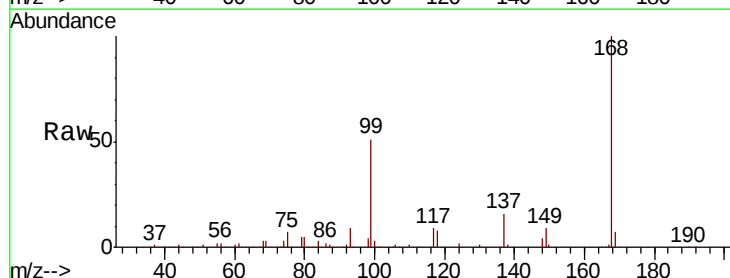


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1591) (-)
Ion 60.90 (60.60 to 61.60): VN052470.D (-1591) (-)
Ion 70.00 (69.70 to 70.70): VN052470.D (-1591) (-)

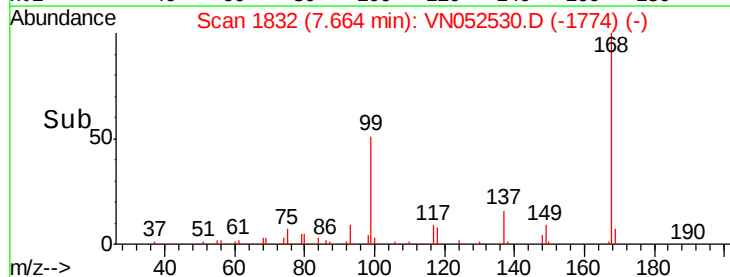
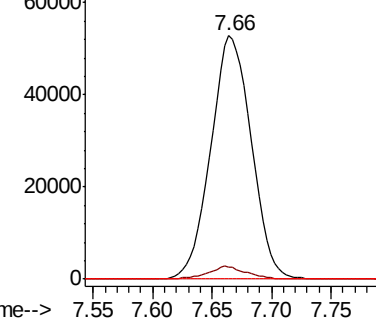


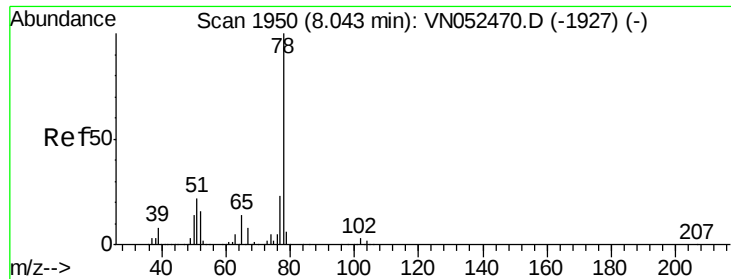
#38
Carbon Tetrachloride
Concen: 6.879 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Tgt Ion: 117 Resp: 124802
Ion Ratio Lower Upper
117 100
119 5.1 76.8 115.2#
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-1847) (-)
Ion 118.80 (118.50 to 119.50): VN052470.D (-1847) (-)
Ion 120.80 (120.50 to 121.50): VN052470.D (-1847) (-)





#40

Benzene

Concen: 0.526 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampled :

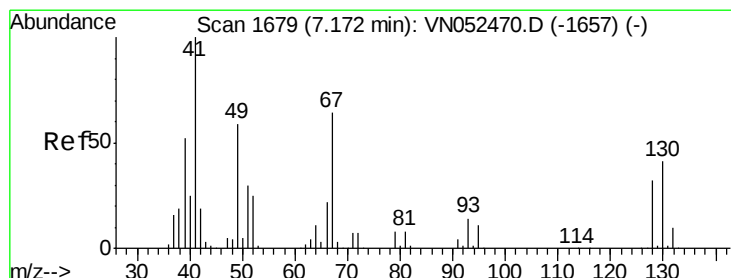
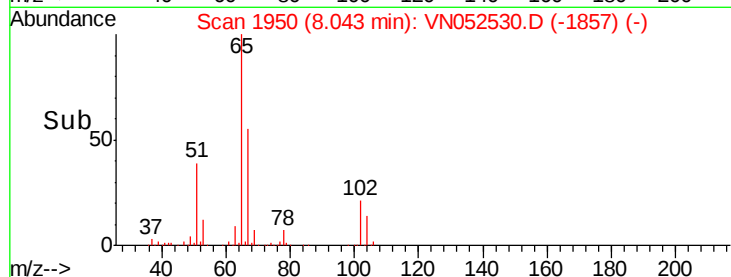
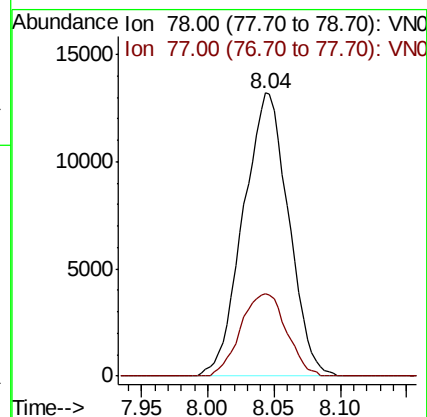
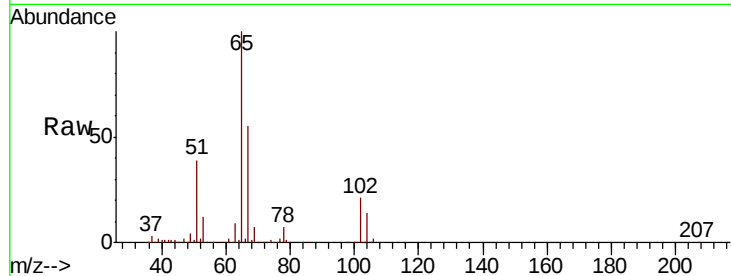
30002

Tot Ion: 78 Resp: 31437

Ion Ratio Lower Upper

78 100

77 28.9 18.8 28.2#



#41

Methacrylonitrile

Concen: 1.123 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Tgt Ion: 41 Resp: 7512

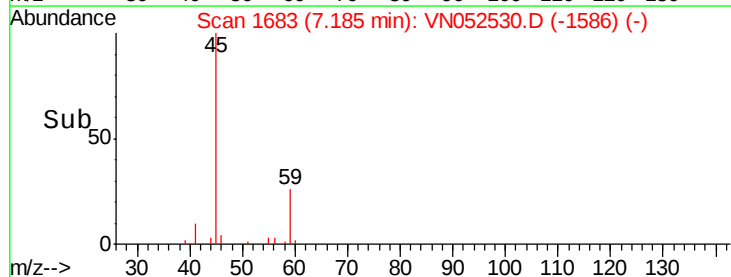
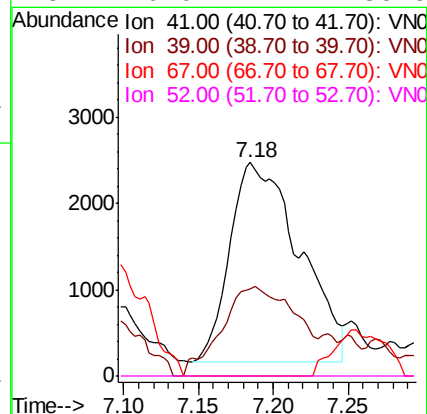
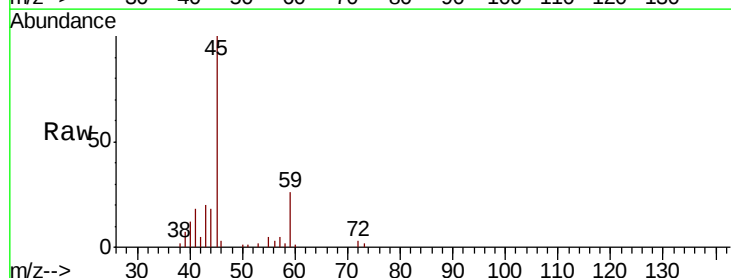
Ion Ratio Lower Upper

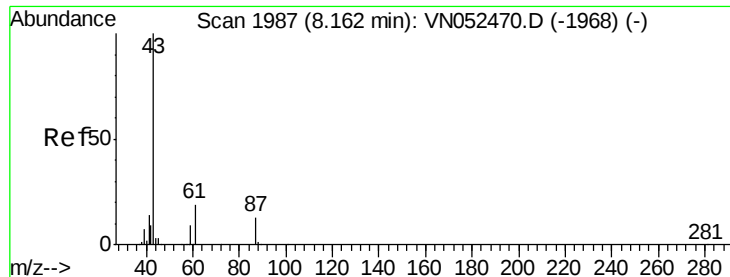
41 100

39 47.9 50.9 76.3#

67 0.0 63.6 95.4#

52 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.876 ug/l

RT: 8.22 min Scan# 2005

Delta R.T. 0.06 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampled :

30002

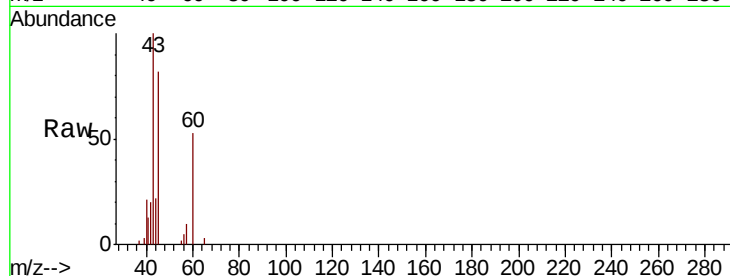
Tot Ion: 43 Resp: 18130

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

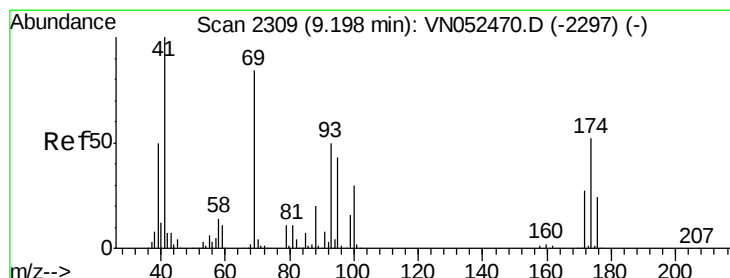
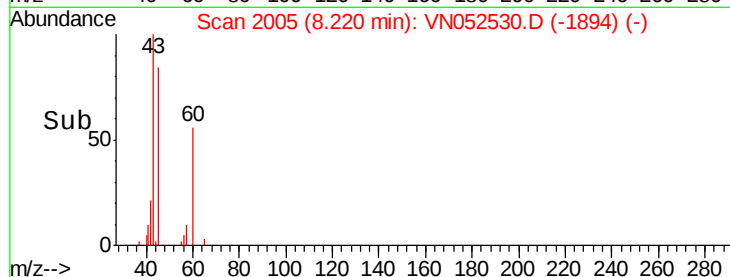
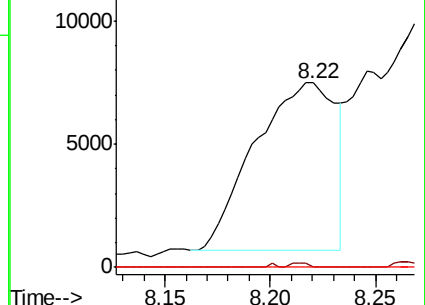
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 8.829 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.03 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

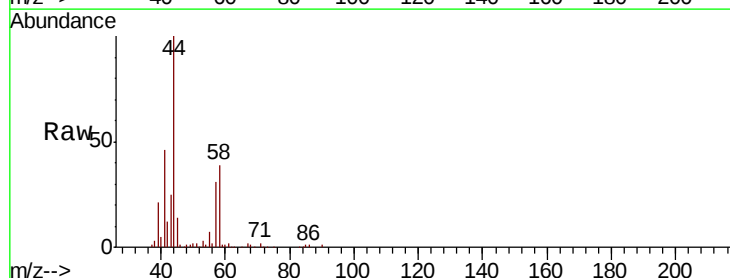
Tgt Ion: 41 Resp: 95282

Ion Ratio Lower Upper

41 100

69 0.1 70.0 105.0#

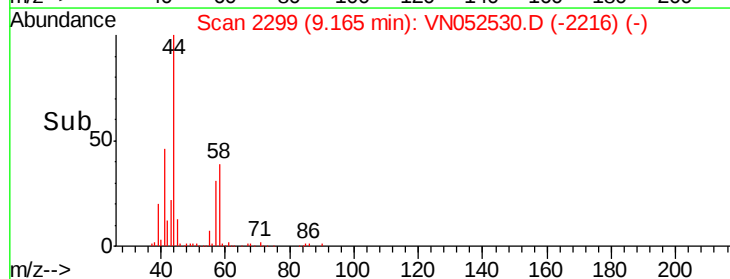
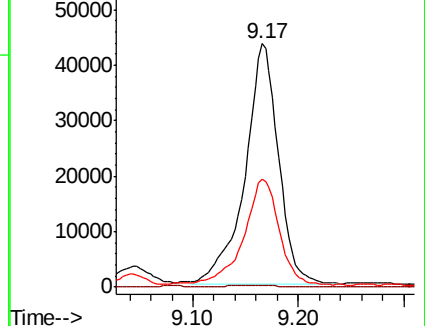
39 46.4 42.6 64.0

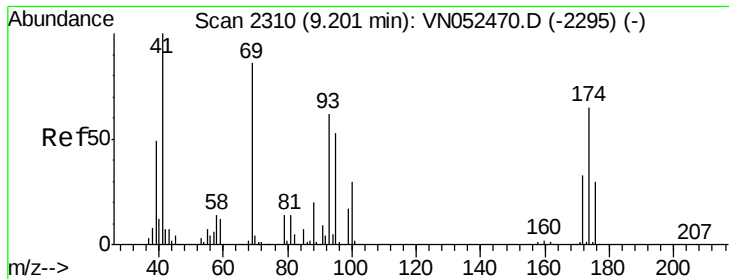


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

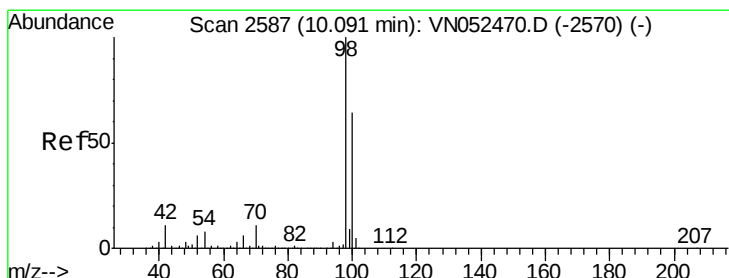
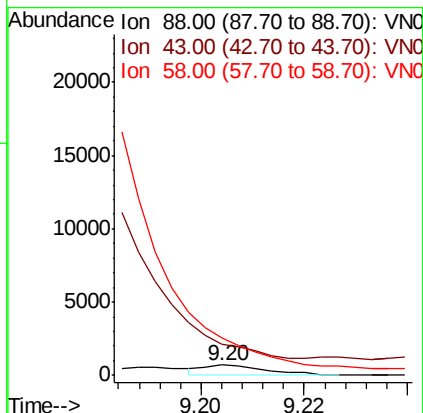
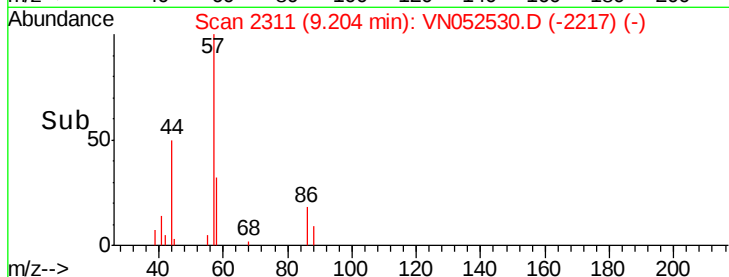
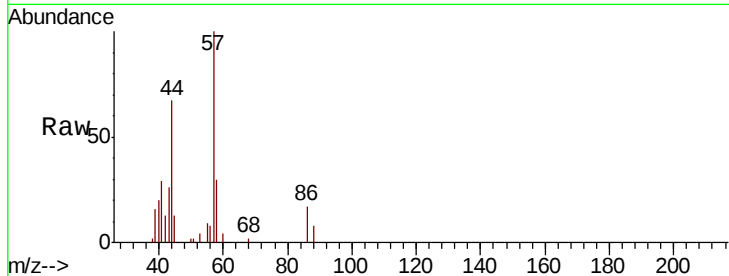




#49
1,4-Dioxane
Concen: 5.437 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

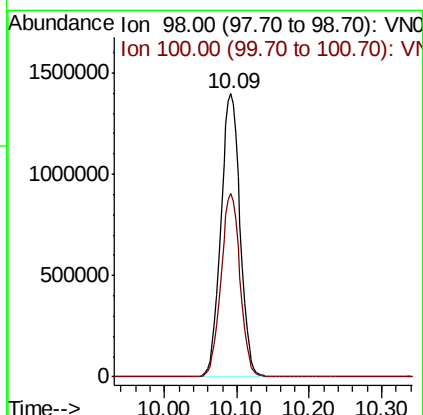
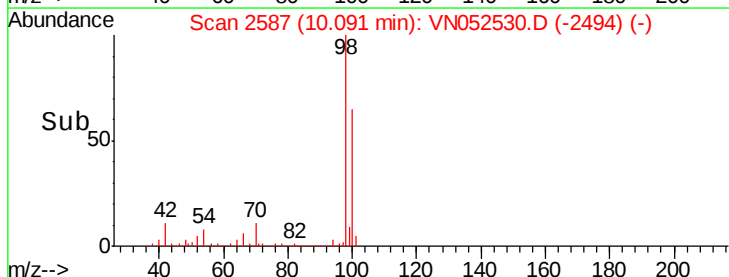
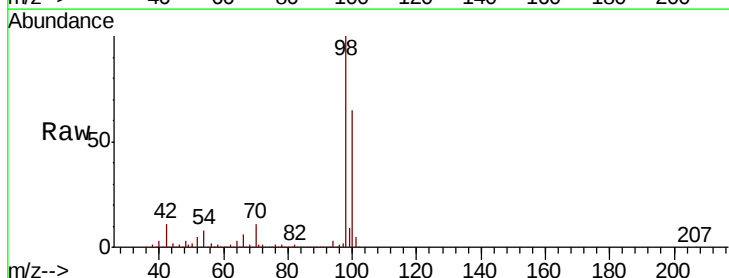
Instrument :
MSVOA_N
ClientSampleId :
30002

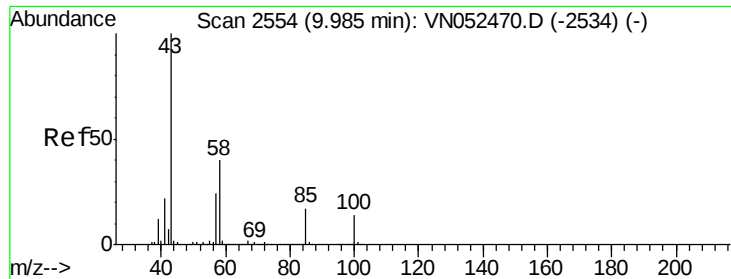
Tot Ion: 88 Resp: 609
Ion Ratio Lower Upper
88 100
43 0.0 26.4 39.6#
58 0.0 55.4 83.0#



#50
Toluene-d8
Concen: 5.437 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Tgt Ion: 98 Resp: 2549079
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9

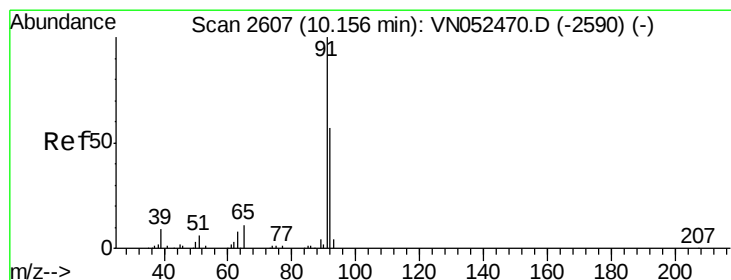
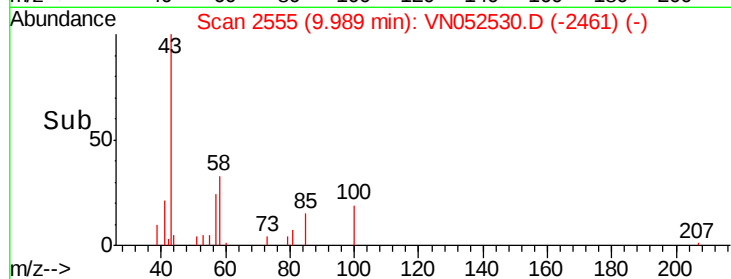
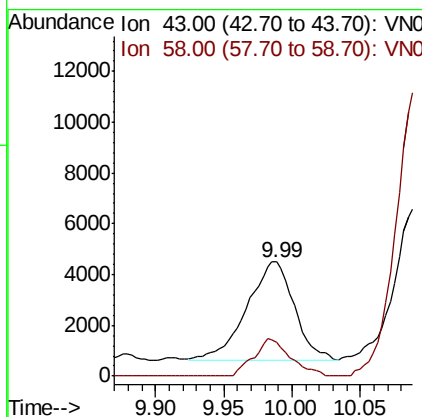
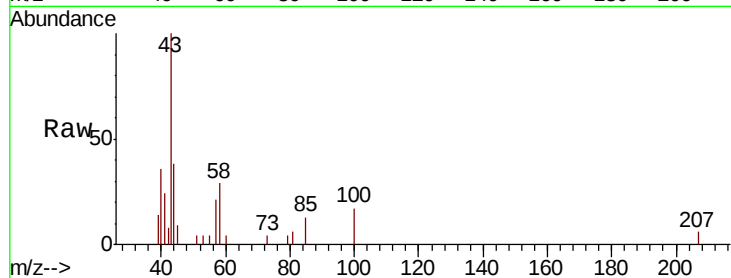




#51
 4-Methyl-2-Pentanone
 Concen: 0.801 ug/l
 RT: 9.99 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VN052530.D
 Acq: 28 Nov 2018 19:55

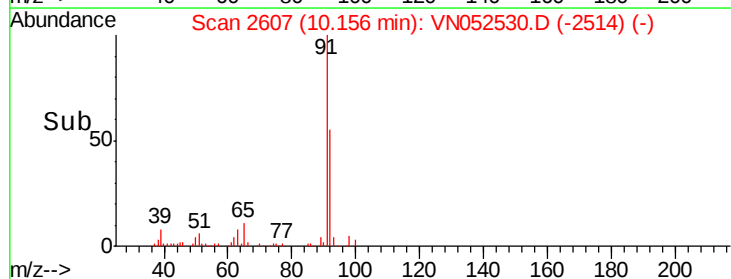
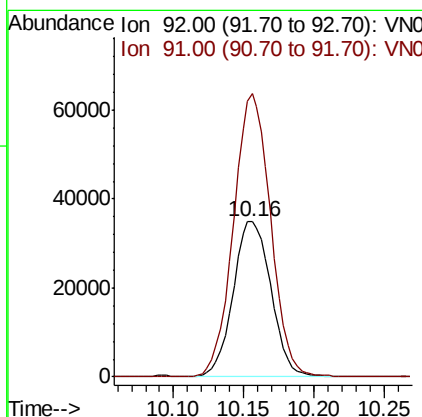
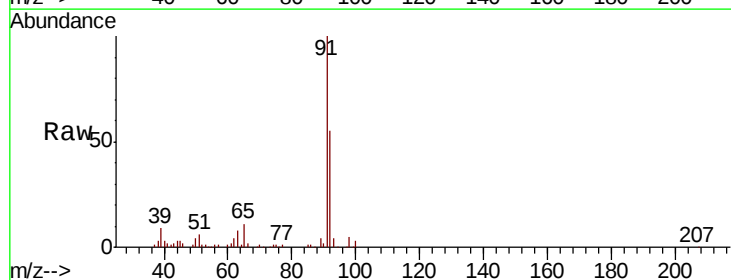
Instrument :
 MSVOA_N
 ClientSampleID :
 30002

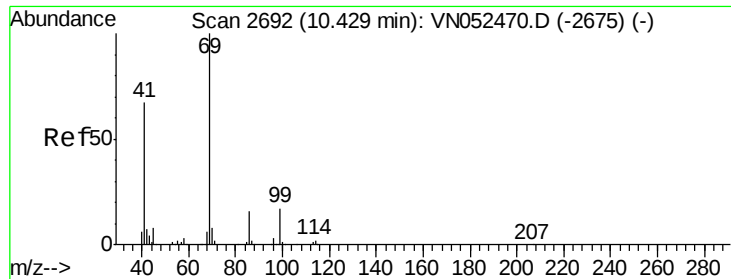
Tot Ion: 43 Resp: 9298
 Ion Ratio Lower Upper
 43 100
 58 29.4 31.5 47.3#



#52
 Toluene
 Concen: 1.854 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052530.D
 Acq: 28 Nov 2018 19:55

Tgt Ion: 92 Resp: 65796
 Ion Ratio Lower Upper
 92 100
 91 178.3 141.0 211.4





#56

Ethyl methacrylate

Concen: 2.705 ug/l

RT: 10.41 min Scan# 2686

Delta R.T. -0.02 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampled :

30002

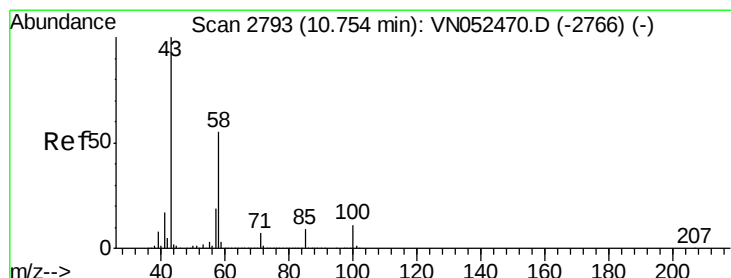
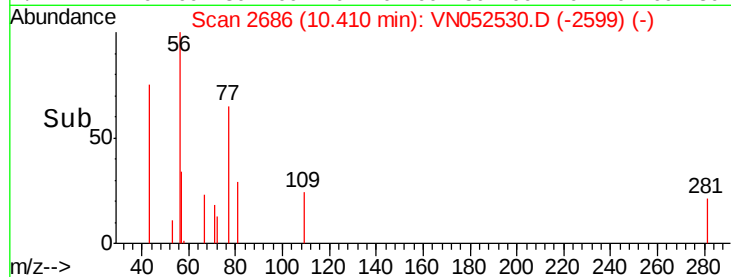
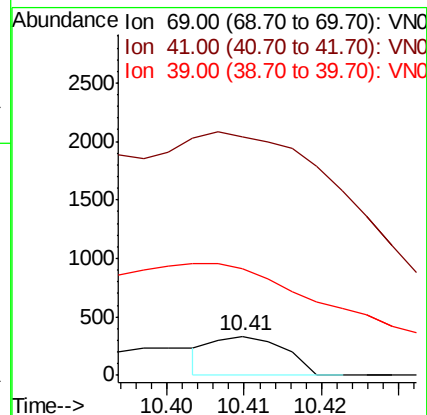
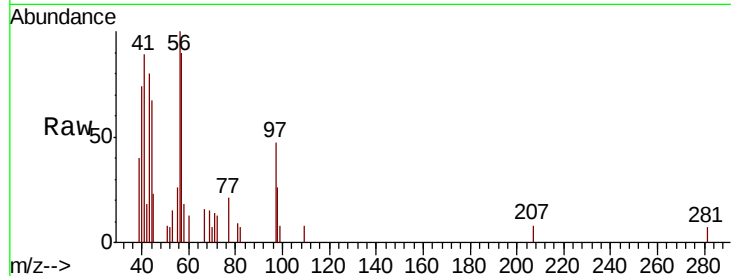
Tot Ion: 69 Resp: 216

Ion Ratio Lower Upper

69 100

41 2437.5 52.6 79.0#

39 723.6 25.9 38.9#



#59

2-Hexanone

Concen: 2.753 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN052530.D

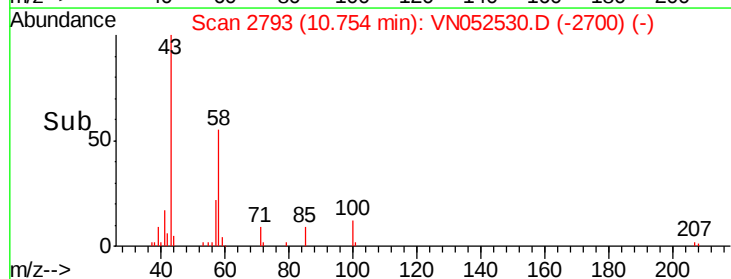
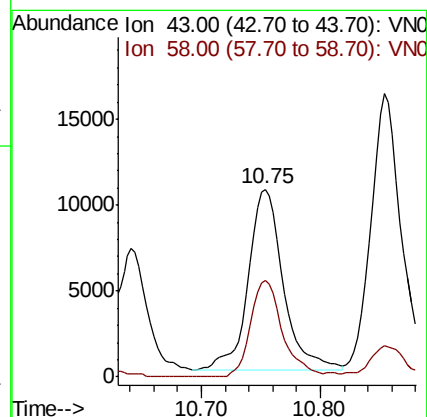
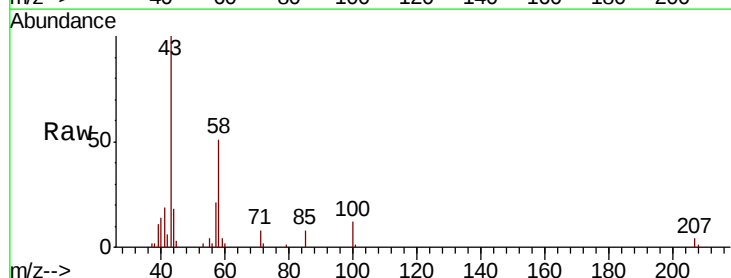
Acq: 28 Nov 2018 19:55

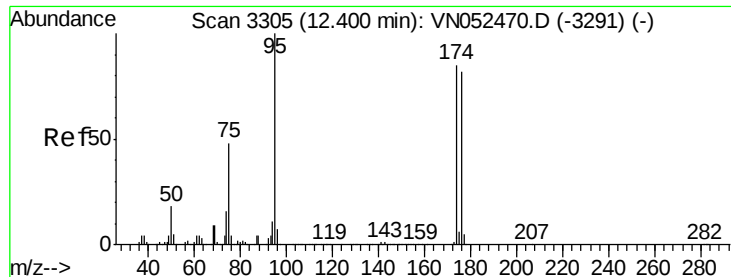
Tgt Ion: 43 Resp: 21459

Ion Ratio Lower Upper

43 100

58 48.5 27.4 82.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

30002

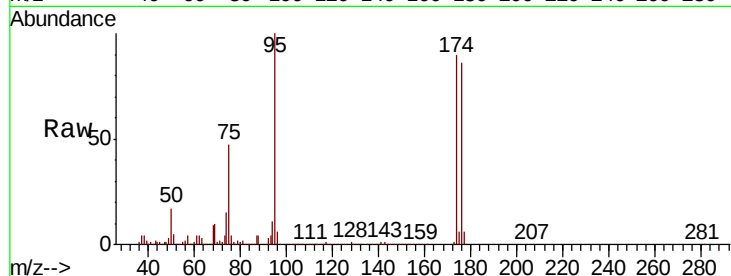
Tot Ion: 95 Resp: 825164

Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

176 85.3 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

600000

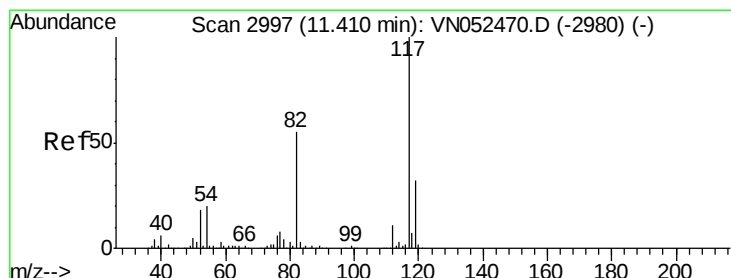
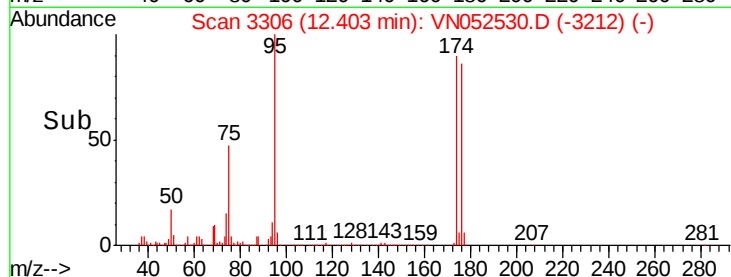
400000

200000

0

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

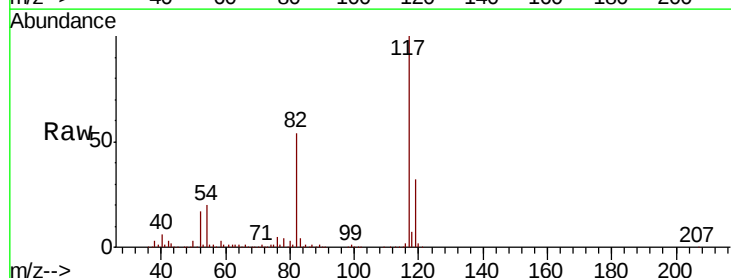
Tgt Ion: 117 Resp: 1816735

Ion Ratio Lower Upper

117 100

82 54.1 43.6 65.4

119 31.7 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)

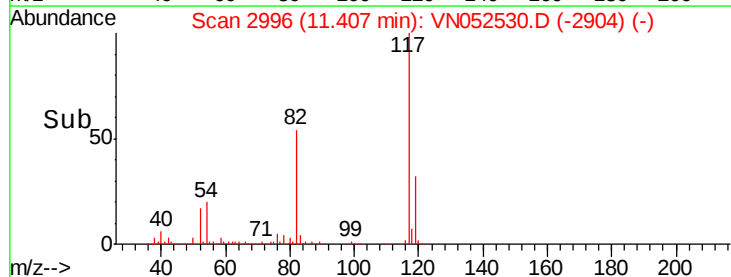
1000000

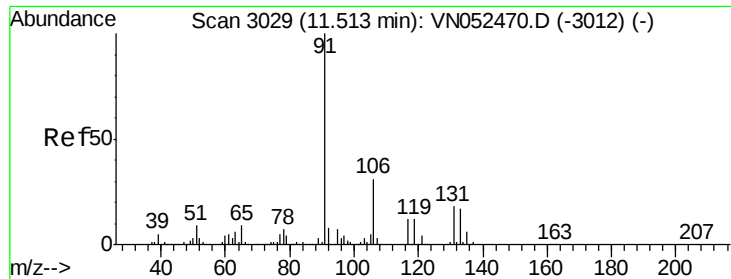
500000

0

11.41

Time--> 11.30 11.40 11.50

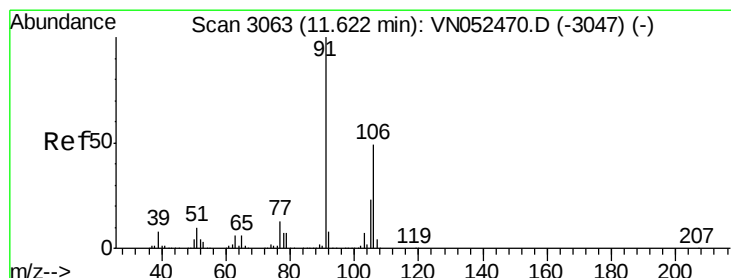
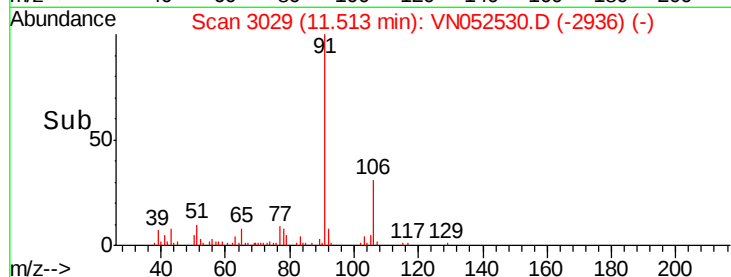
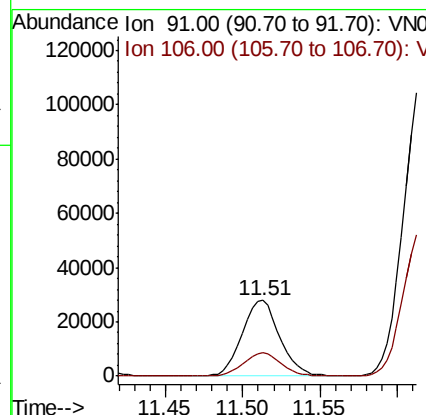
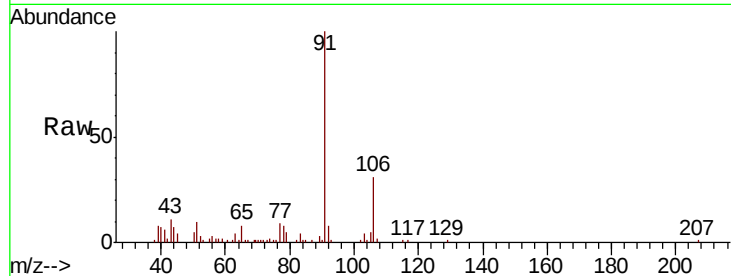




#67
Ethyl Benzene
Concen: 0.723 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

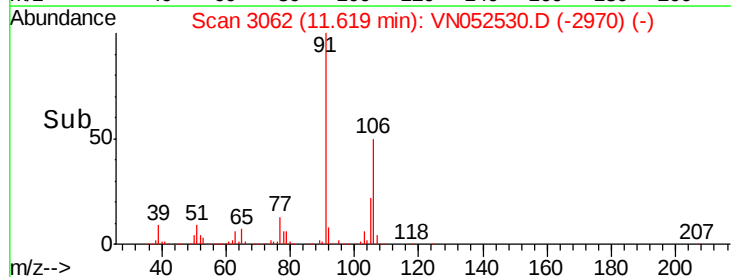
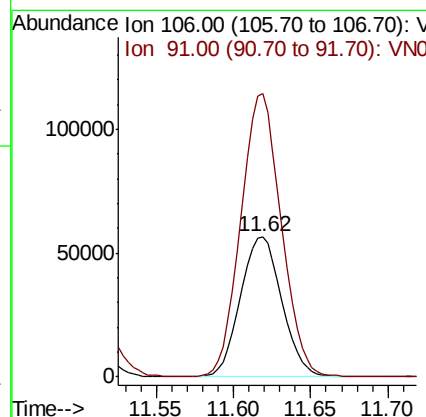
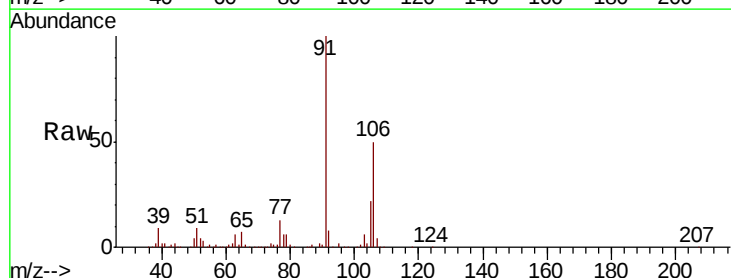
Instrument :
MSVOA_N
ClientSampled :
30002

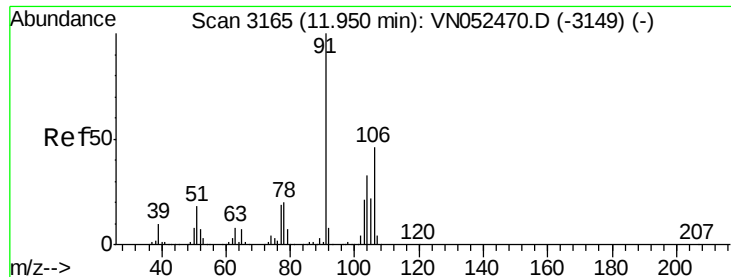
Tot Ion: 91 Resp: 47409
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 4.315 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Tgt Ion: 106 Resp: 105390
Ion Ratio Lower Upper
106 100
91 197.8 163.2 244.8

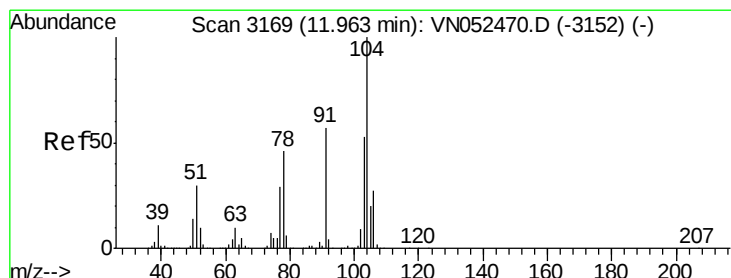
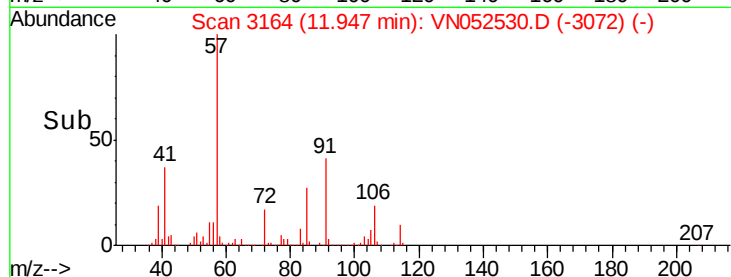
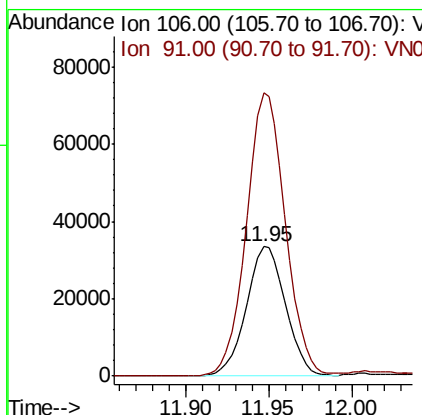
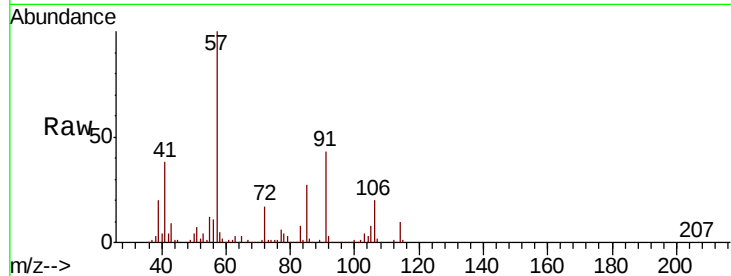




#69
o-Xylene
Concen: 2.326 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

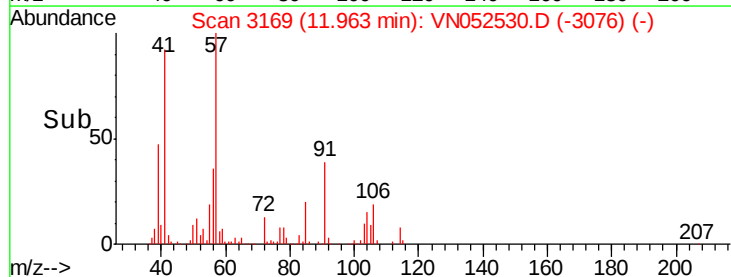
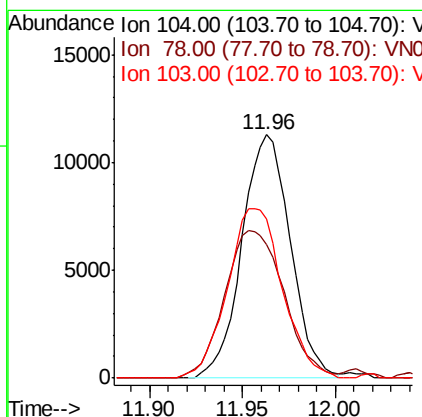
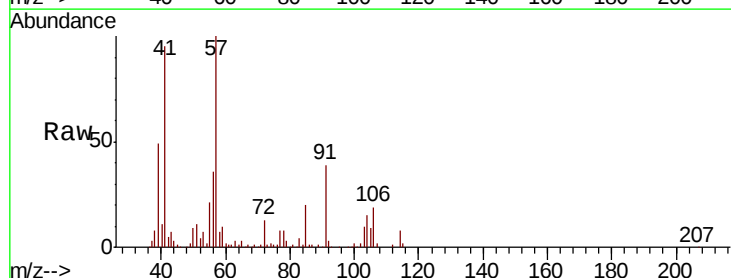
Instrument :
MSVOA_N
ClientSampled :
30002

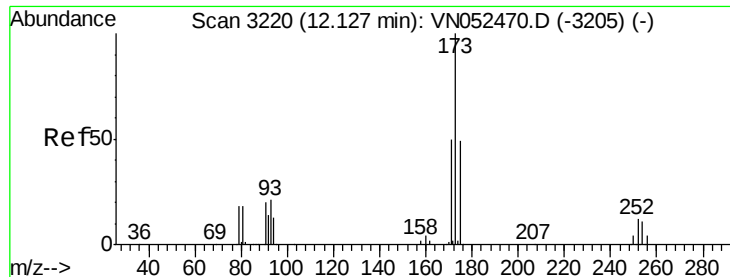
Tot Ion:106 Resp: 55170
Ion Ratio Lower Upper
106 100
91 217.5 107.7 323.1



#70
Styrene
Concen: 0.546 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Tgt Ion:104 Resp: 20611
Ion Ratio Lower Upper
104 100
78 74.1 39.4 59.2#
103 78.9 44.9 67.3#

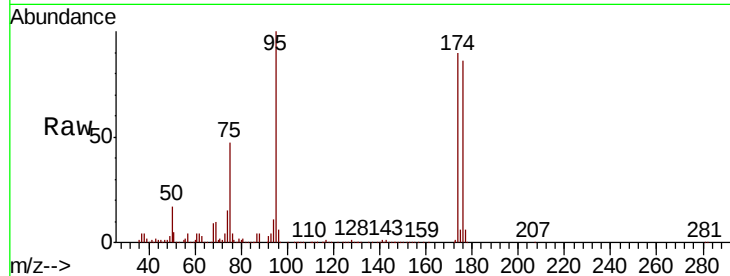




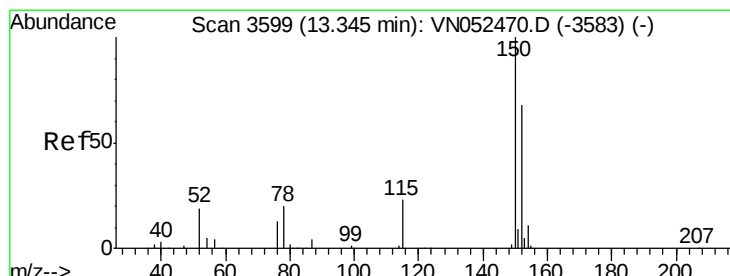
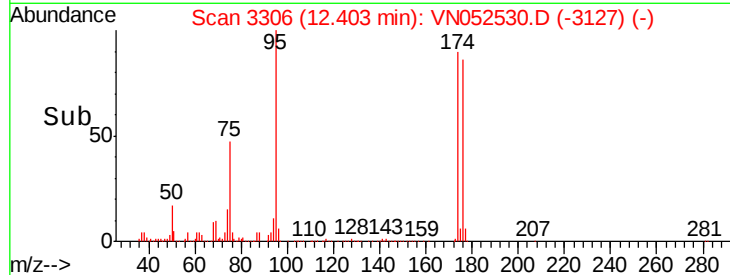
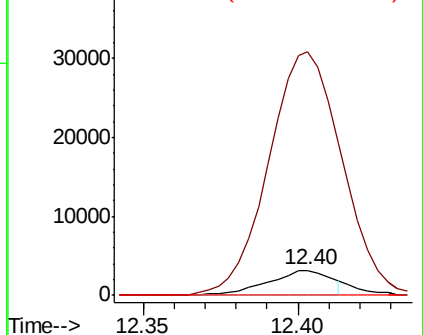
#71
Bromoform
Concen: 0.515 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Instrument :
MSVOA_N
ClientSampled :
30002

Tot Ion:173 Resp: 4444
Ion Ratio Lower Upper
173 100
175 986.2 24.4 73.2#
254 0.0 0.1 0.1#

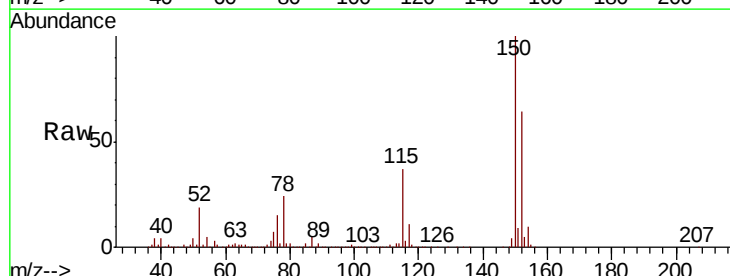


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

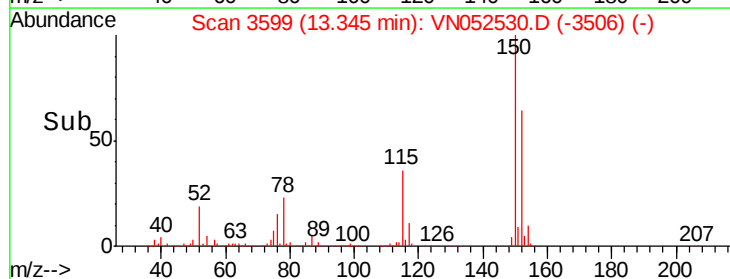
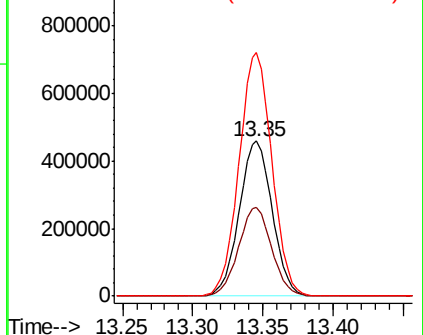


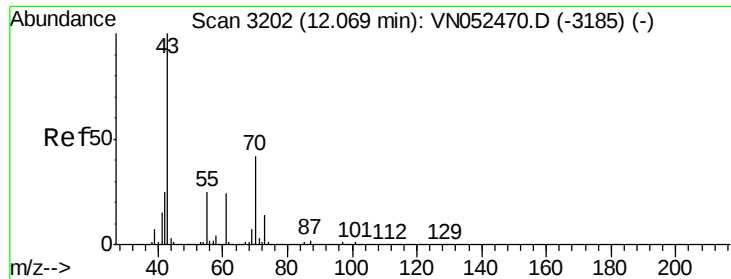
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052530.D
Acq: 28 Nov 2018 19:55

Tgt Ion:152 Resp: 752656
Ion Ratio Lower Upper
152 100
115 57.2 28.4 85.2
150 156.4 0.0 346.0



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





#74

N-amyl acetate

Concen: 13.430 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

30002

Tot Ion: 43 Resp: 200359

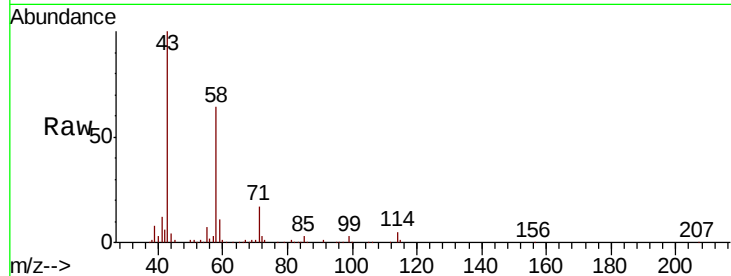
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.8#

55 0.0 20.0 30.0#

61 0.0 19.7 29.5#

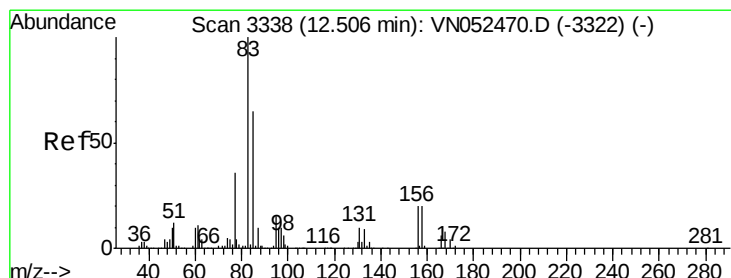
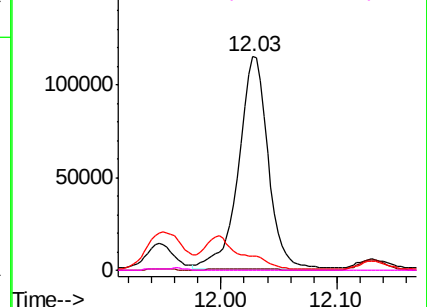
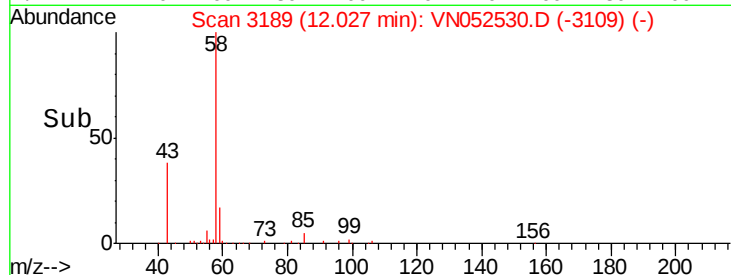


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 1.230 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.05 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

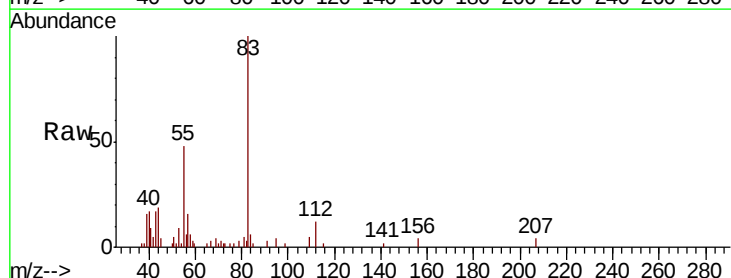
Tgt Ion: 83 Resp: 16527

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

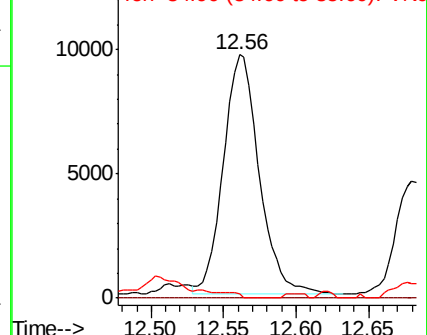
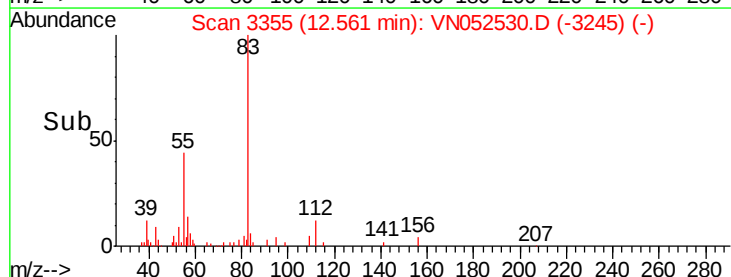
85 0.0 31.9 95.9#

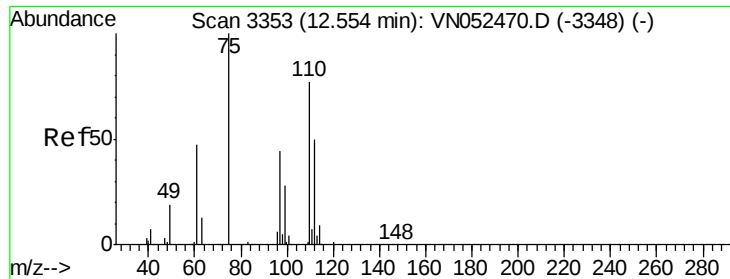


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.831 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampled :

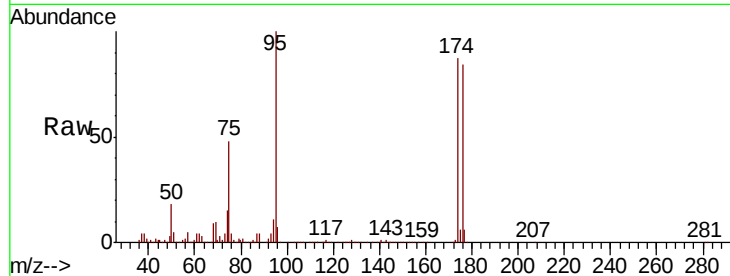
30002

Tot Ion: 75 Resp: 392651

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

250000

200000

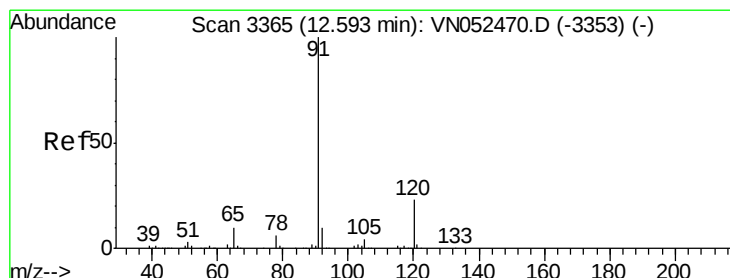
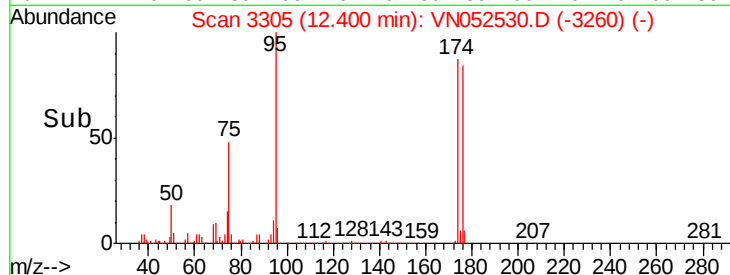
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.294 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052530.D

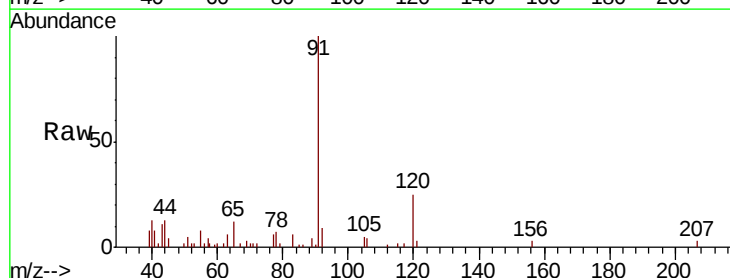
Acq: 28 Nov 2018 19:55

Tgt Ion: 91 Resp: 19743

Ion Ratio Lower Upper

91 100

120 23.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

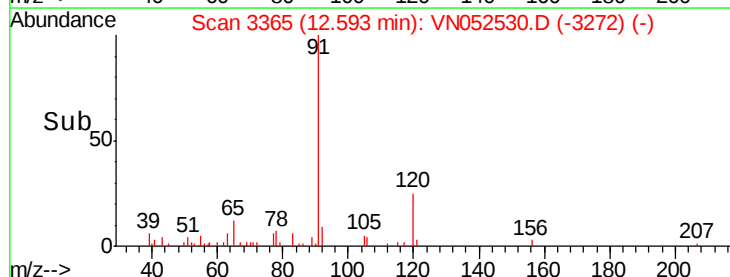
Ion 120.00 (119.70 to 120.70): V

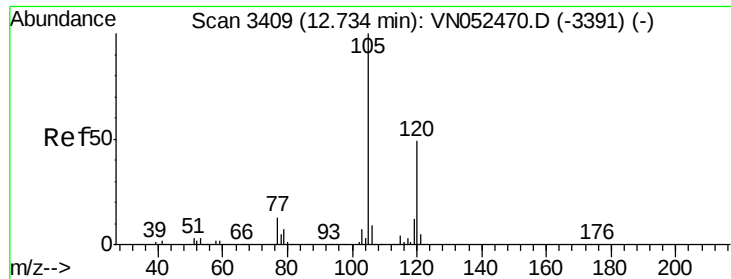
10000

5000

0

Time--> 12.55 12.60





#80

1,3,5-Trimethylbenzene

Concen: 1.122 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

Instrument :

MSVOA_N

ClientSampleId :

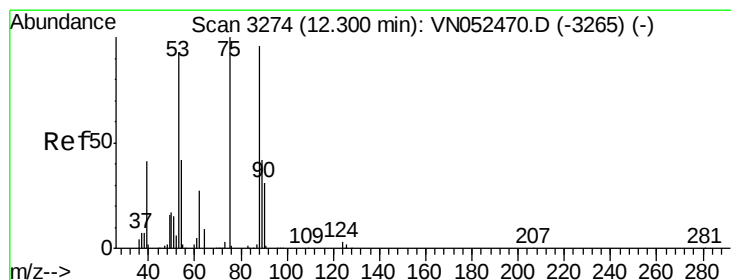
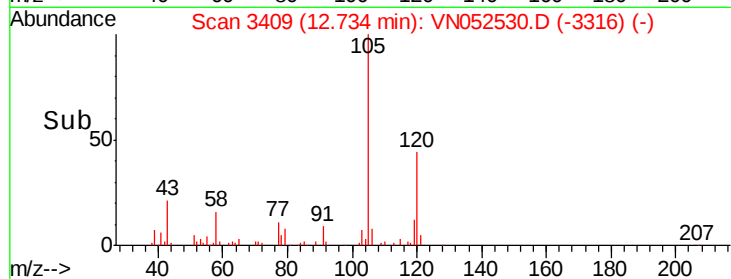
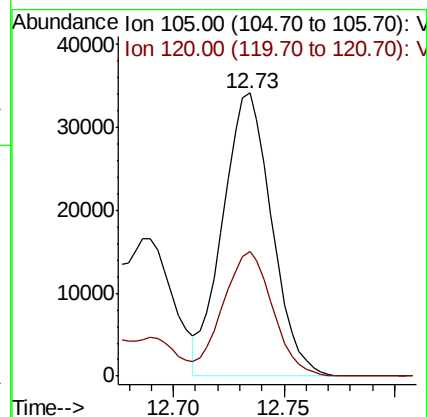
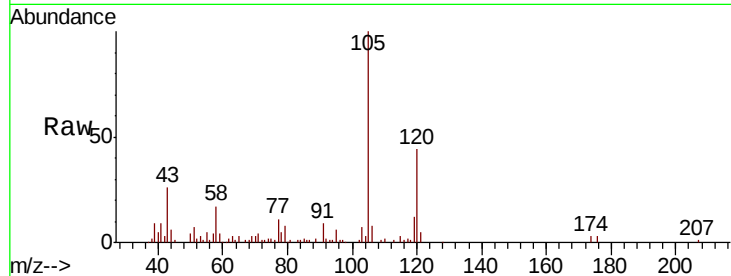
30002

Tot Ion:105 Resp: 52824

Ion Ratio Lower Upper

105 100

120 44.6 24.3 73.0



#81

trans-1,4-Dichloro-2-butene

Concen: 112.978 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052530.D

Acq: 28 Nov 2018 19:55

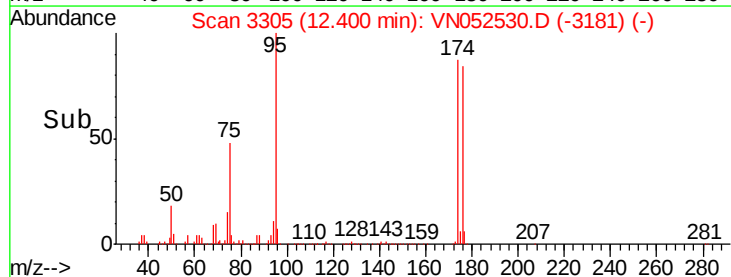
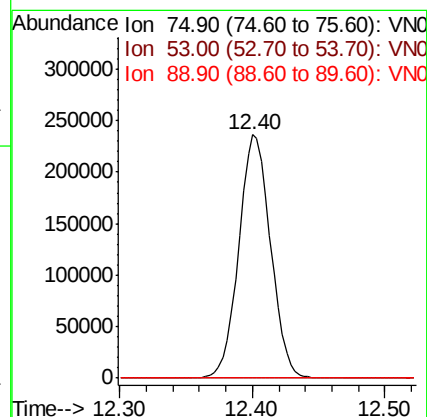
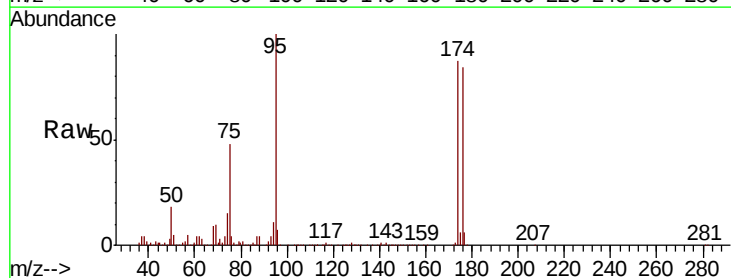
Tgt Ion: 75 Resp: 392651

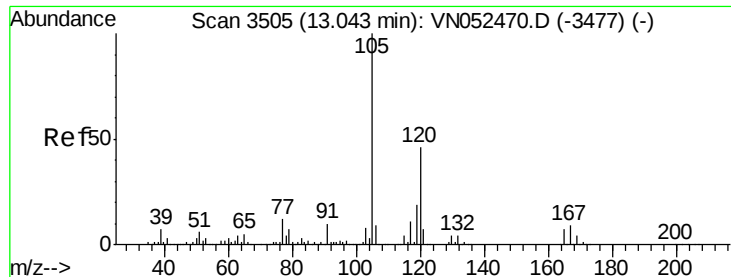
Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

89 0.0 35.4 53.2#

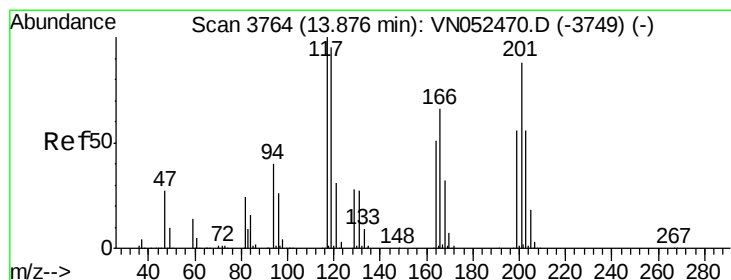
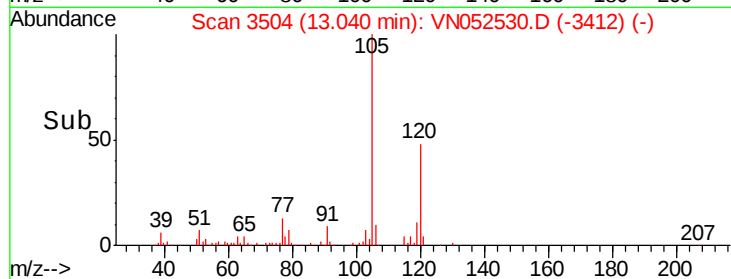
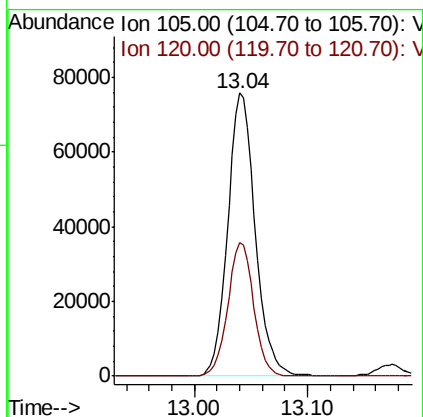
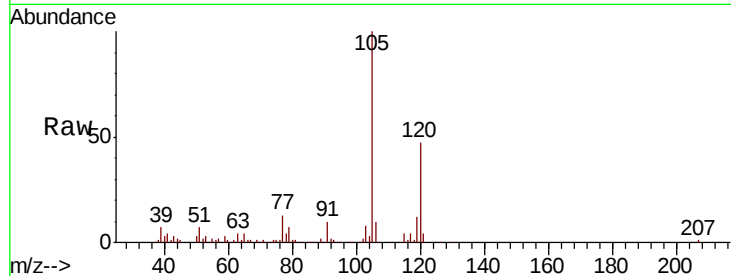




#84
 1,2,4-Trimethylbenzene
 Concen: 2.715 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052530.D
 Acq: 28 Nov 2018 19:55

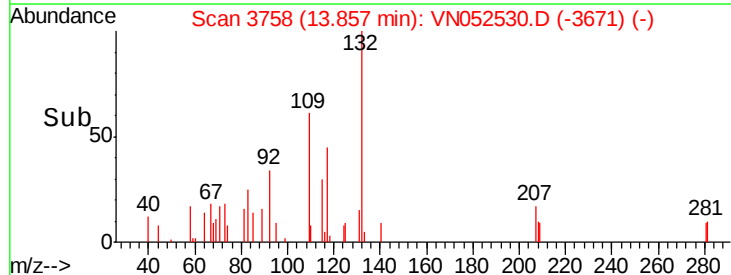
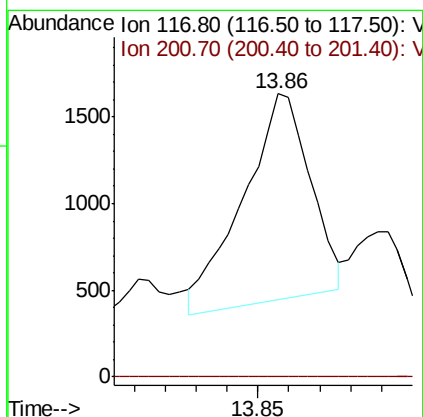
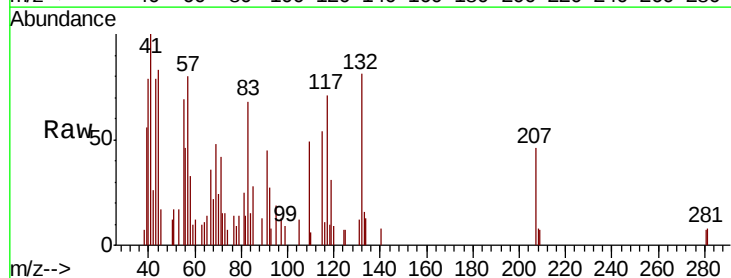
Instrument :
 MSVOA_N
 ClientSampled :
 30002

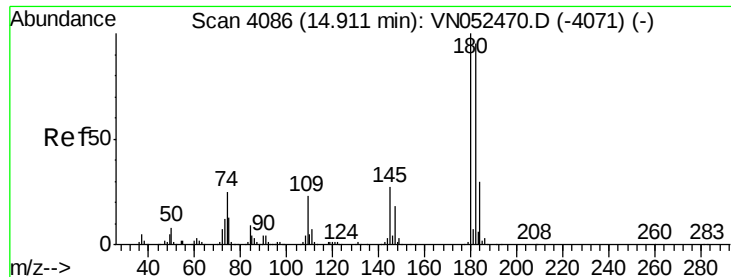
Tot Ion:105 Resp: 128159
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.8 68.4



#90
 Hexachloroethane
 Concen: 0.217 ug/l
 RT: 13.86 min Scan# 3758
 Delta R.T. -0.02 min
 Lab File: VN052530.D
 Acq: 28 Nov 2018 19:55

Tgt Ion:117 Resp: 1789
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.6 130.9#

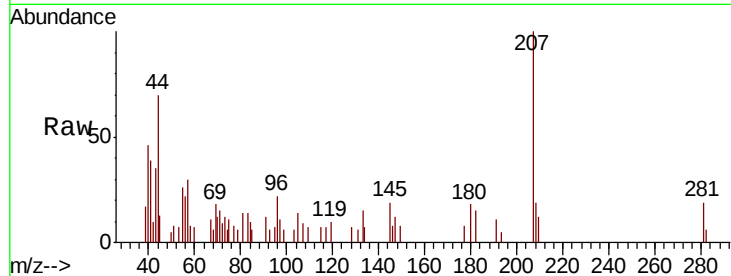




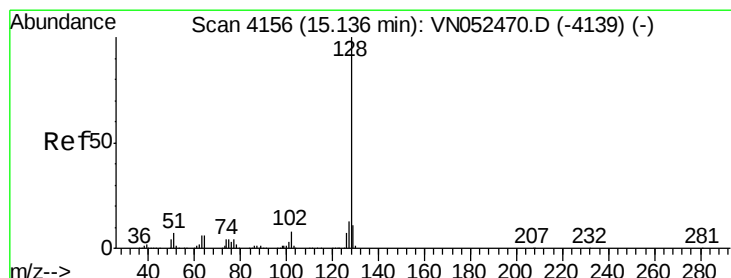
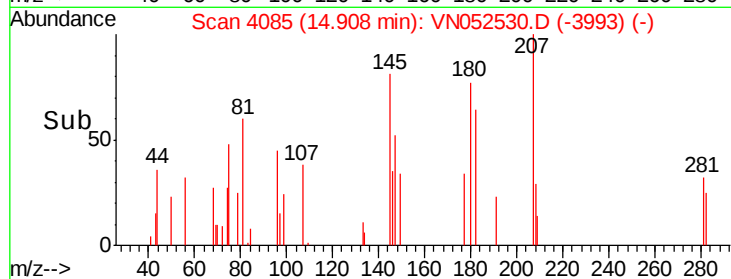
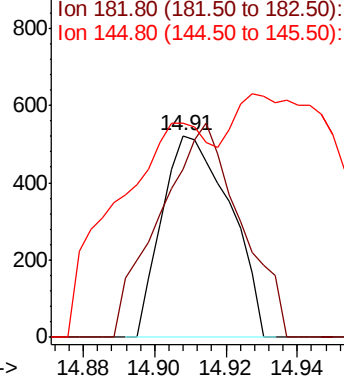
#93
 1,2,4-Trichlorobenzene
 Concen: 2.878 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052530.D
 Acq: 28 Nov 2018 19:55

Instrument :
 MSVOA_N
 ClientSampled :
 30002

Tot Ion:180 Resp: 687
 Ion Ratio Lower Upper
 180 100
 182 126.8 47.8 143.4
 145 154.6 14.1 42.3#

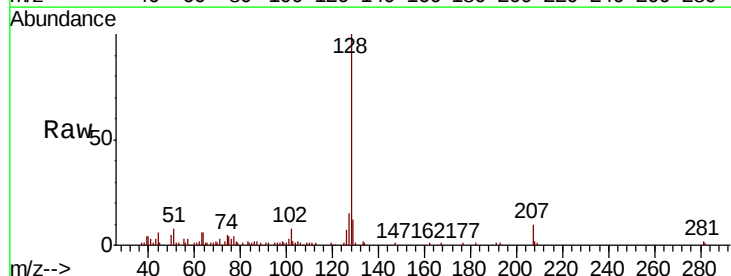


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

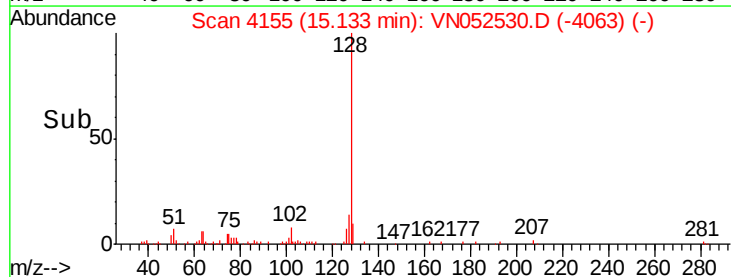
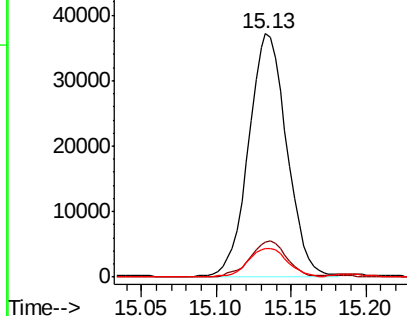


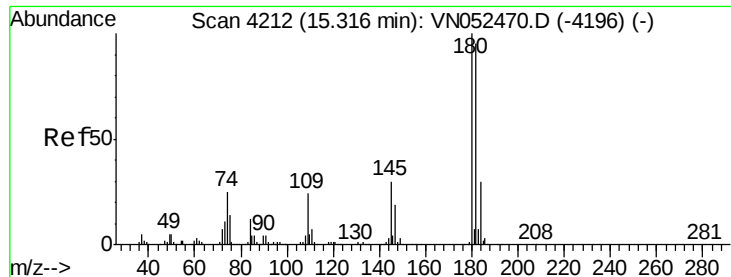
#95
 Naphthalene
 Concen: 5.601 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052530.D
 Acq: 28 Nov 2018 19:55

Tgt Ion:128 Resp: 66100
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.2 15.2
 129 12.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

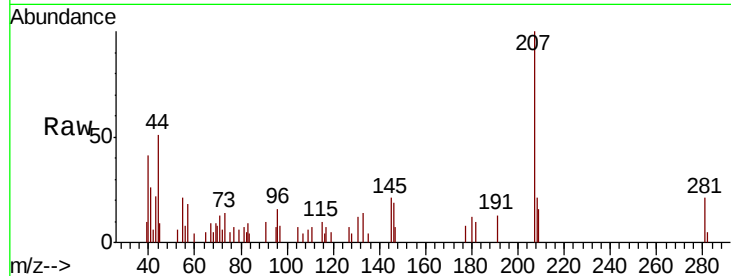




#96
 1,2,3-Trichlorobenzene
 Concen: 2.780 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: VN052530.D
 Acq: 28 Nov 2018 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 30002

Tot Ion	Ratio	Lower	Upper
180	100		
182	83.6	47.8	143.3
145	184.5	15.2	45.5#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

