

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052526.D
 Acq On : 28 Nov 2018 18:08
 Operator : MD\SY
 Sample : J6044-03RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 30003

Quant Time: Nov 29 00:11:41 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	1436613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2156003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1874679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	784469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	706761	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
35) Dibromofluoromethane	7.59	113	644398	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	10.09	98	2627054	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	859325	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	4.78	59	590751	754.387	ug/l	98
13) Acrolein	3.61	56	151203	128.814	ug/l	99
15) Acrylonitrile	4.77	53	7570	1.527	ug/l #	12
16) Acetone	3.82	43	1767525	428.412	ug/l	97
18) Methyl Acetate	4.33	43	105421	8.908	ug/l	99
20) Methylene Chloride	4.55	84	628654	38.937	ug/l	98
22) Diisopropyl ether	6.03	45	28363	0.582	ug/l #	1
23) Vinyl Acetate	6.02	43	62006	2.043	ug/l #	73
25) 2-Butanone	6.83	43	1254753	214.567	ug/l	97
29) Tetrahydrofuran	7.23	42	2662	0.706	ug/l #	35
31) Cyclohexane	7.66	56	27133	0.647	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	97926	4.810	ug/l #	50
37) Ethyl Acetate	6.83	43	1254753	100.983	ug/l #	68
38) Carbon Tetrachloride	7.66	117	127034	6.892	ug/l #	16
40) Benzene	8.05	78	69618	1.147	ug/l	98
41) Methacrylonitrile	7.19	41	14747	2.171	ug/l #	40
43) Isopropyl Acetate	8.29	43	69773	3.318	ug/l #	51
48) Methyl methacrylate	9.17	41	372883	34.009	ug/l #	37
49) 1,4-Dioxane	9.20	88	3027	26.601	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	17265	1.463	ug/l	93
52) Toluene	10.16	92	208366	5.780	ug/l	98
56) Ethyl methacrylate	10.36	69	4564	2.938	ug/l #	25
59) 2-Hexanone	10.75	43	101321	12.796	ug/l	99
60) Dibromochloromethane	10.63	129	5152	0.374	ug/l #	11
64) Tetrachloroethene	10.63	164	5774	0.397	ug/l #	89
67) Ethyl Benzene	11.51	91	64284	0.950	ug/l	100
68) m/p-Xylenes	11.62	106	145997	5.793	ug/l	98
69) o-Xylene	11.95	106	62260	2.544	ug/l	99
70) Styrene	11.96	104	25387	0.651	ug/l #	67
71) Bromoform	12.40	173	5145	0.578	ug/l #	1
74) N-amyl acetate	12.03	43	489577	31.486	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.56	83	50271	3.591	ug/l #	26
76) 1,2,3-Trichloropropane	12.40	75	406922	33.638	ug/l #	100
77) Bromobenzene	12.56	156	8058	0.530	ug/l #	1

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

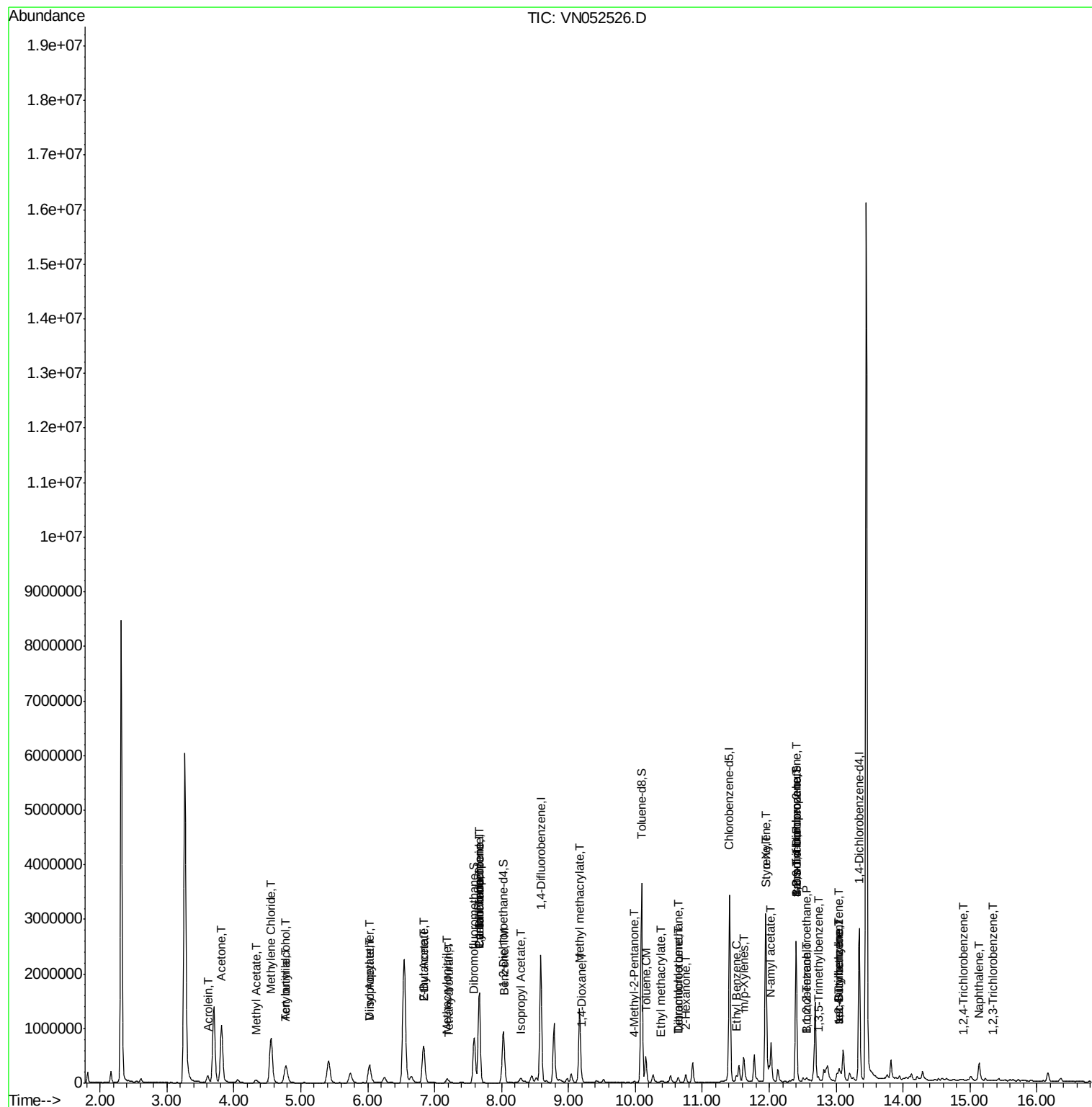
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	29411	0.599	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	406922	112.336	ug/l #	11
83) tert-Butylbenzene	13.04	119	14810	0.338	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.04	105	143756	2.922	ug/l	89
85) sec-Butylbenzene	13.04	105	143756	2.412	ug/l #	57
93) 1,2,4-Trichlorobenzene	14.91	180	144	2.839	ug/l #	1
95) Naphthalene	15.14	128	260478	11.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.33	180	60	2.731	ug/l #	1

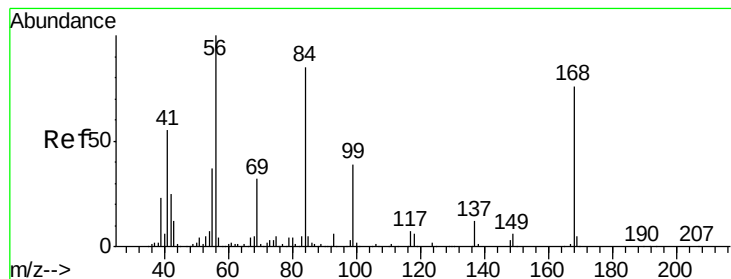
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

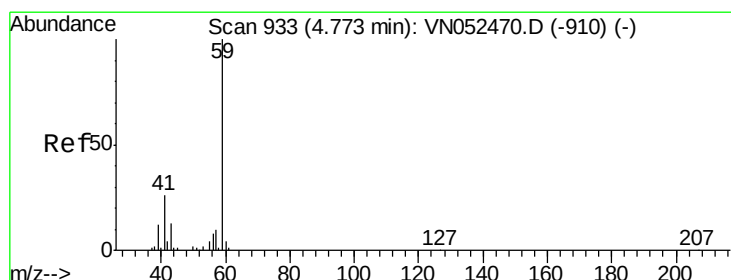
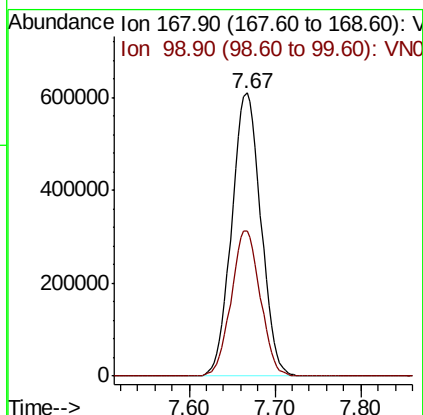
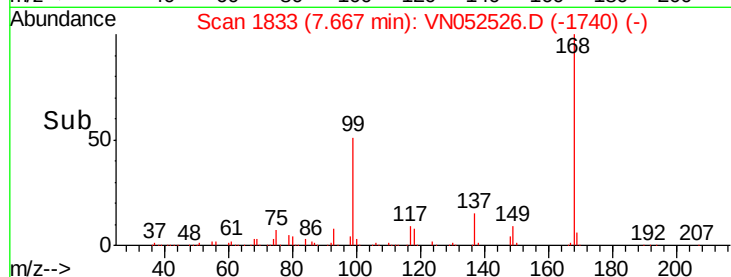
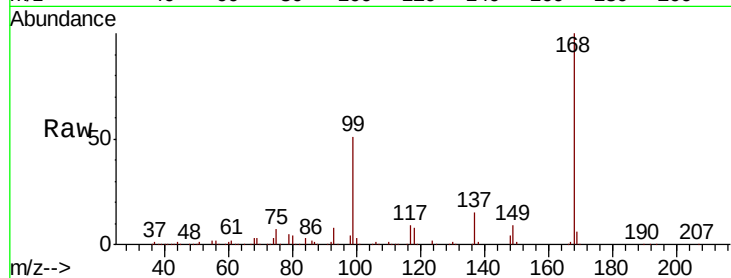
30003

Tot Ion:168 Resp: 1436613

Ion Ratio Lower Upper

168 100

99 51.2 41.7 62.5



#11

Tert butyl alcohol

Concen: 754.387 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: VN052526.D

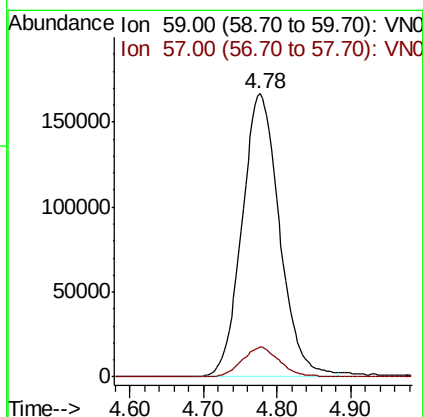
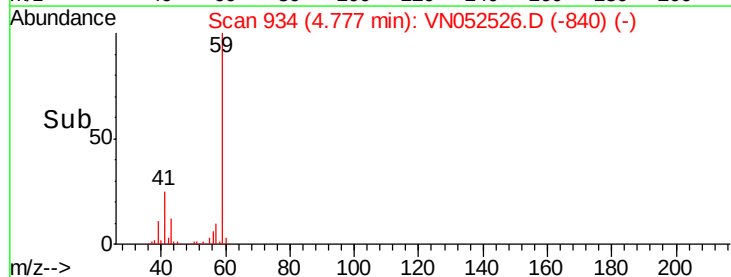
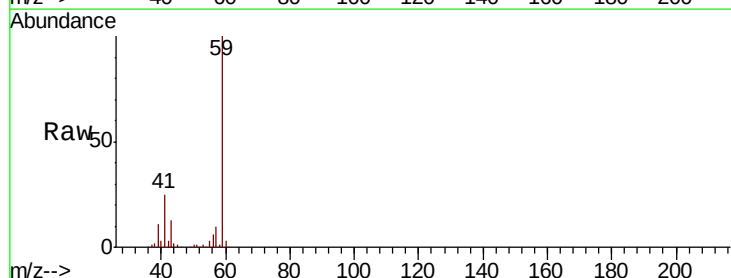
Acq: 28 Nov 2018 18:08

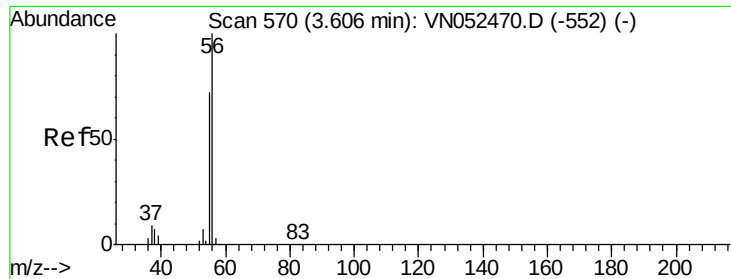
Tgt Ion: 59 Resp: 590751

Ion Ratio Lower Upper

59 100

57 10.6 7.9 11.9





#13

Acrolein

Concen: 128.814 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

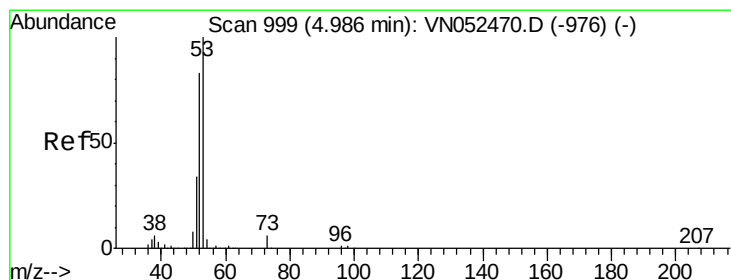
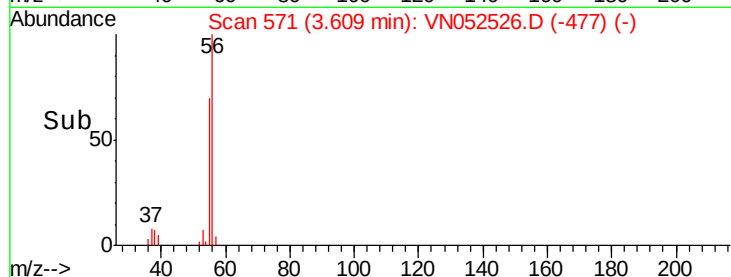
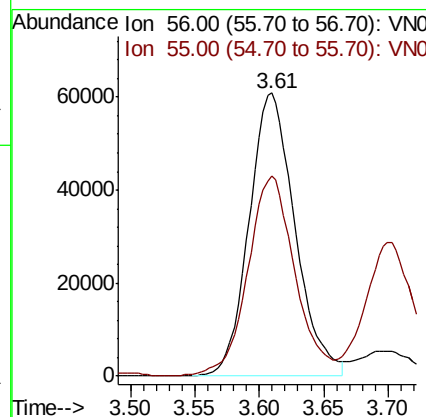
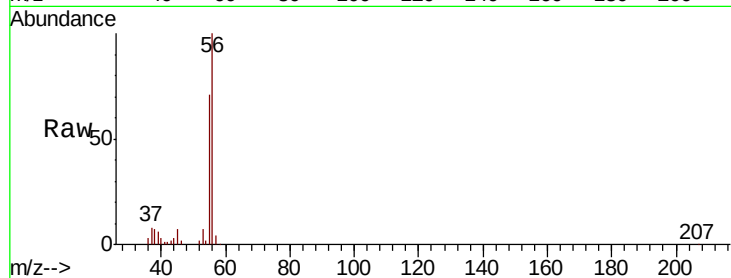
30003

Tot Ion: 56 Resp: 151203

Ion Ratio Lower Upper

56 100

55 71.5 56.8 85.2



#15

Acrylonitrile

Concen: 1.527 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.22 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

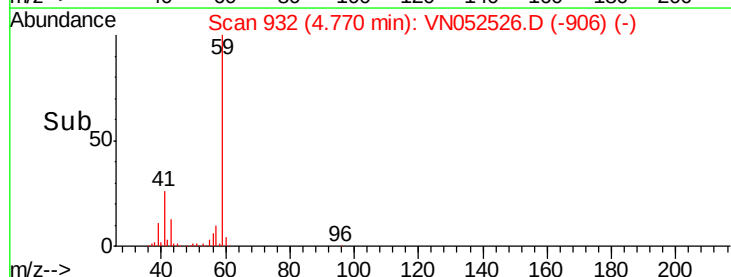
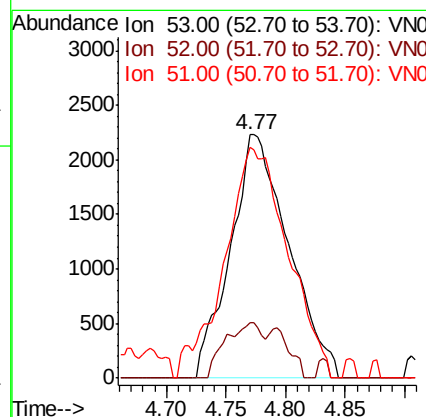
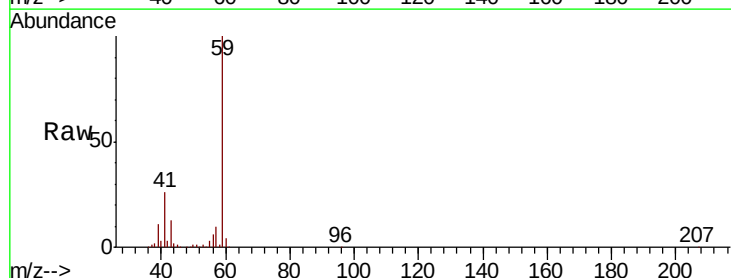
Tgt Ion: 53 Resp: 7570

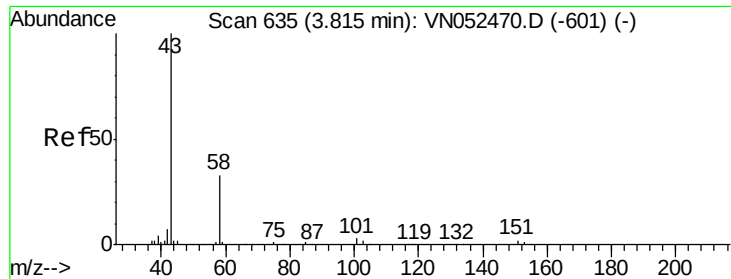
Ion Ratio Lower Upper

53 100

52 14.6 66.2 99.2#

51 102.5 28.1 42.1#





#16

Acetone

Concen: 428.412 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

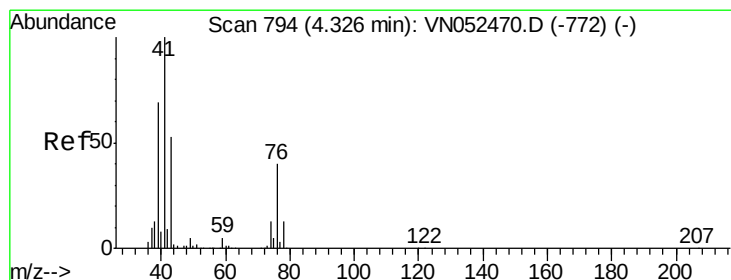
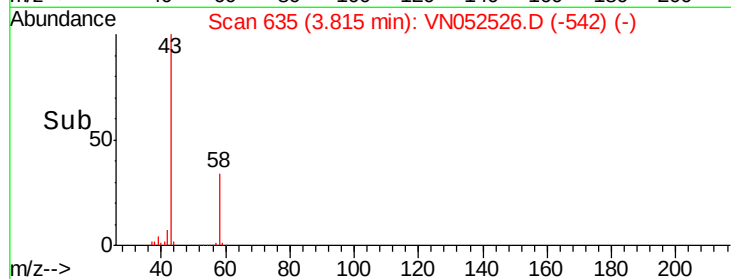
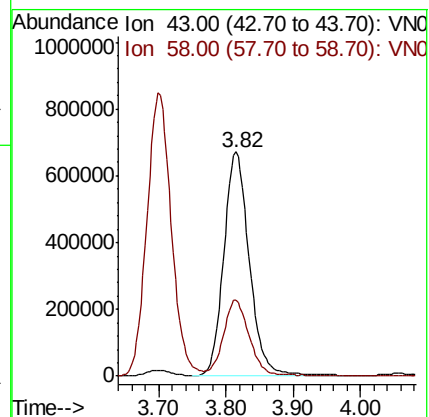
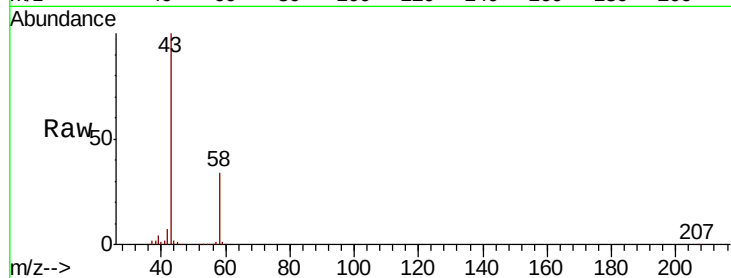
30003

Tot Ion: 43 Resp: 1767525

Ion Ratio Lower Upper

43 100

58 34.0 26.0 39.0



#18

Methyl Acetate

Concen: 8.908 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052526.D

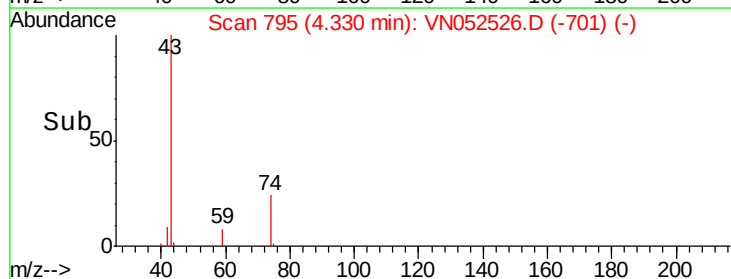
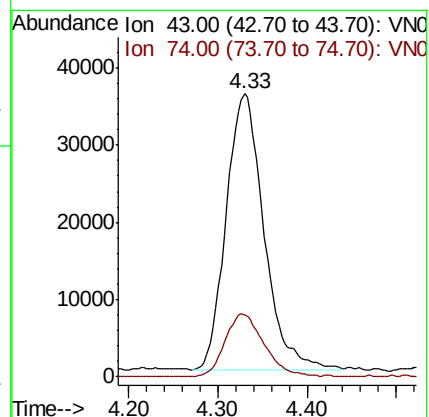
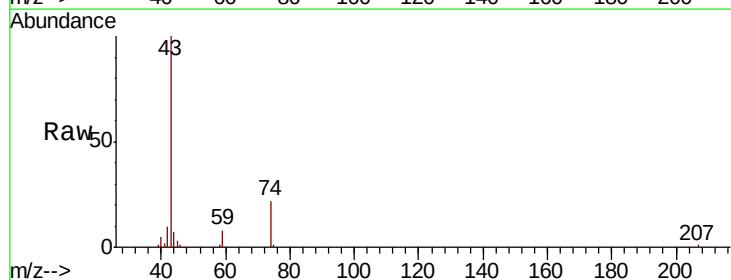
Acq: 28 Nov 2018 18:08

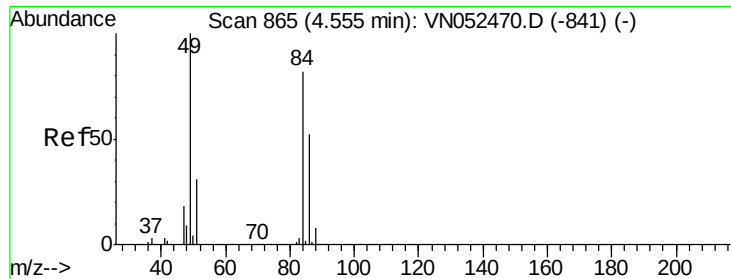
Tgt Ion: 43 Resp: 105421

Ion Ratio Lower Upper

43 100

74 23.6 18.6 27.8

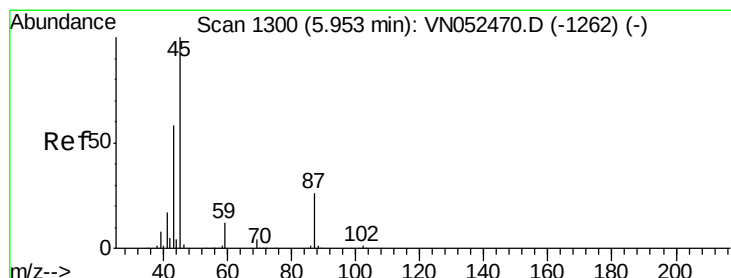
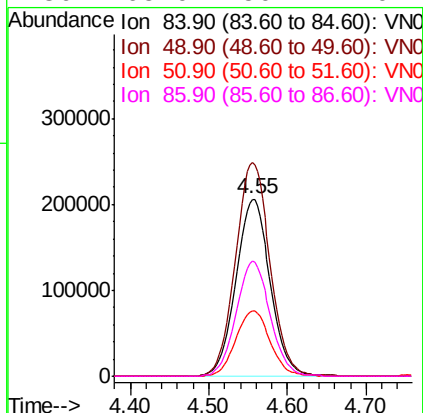
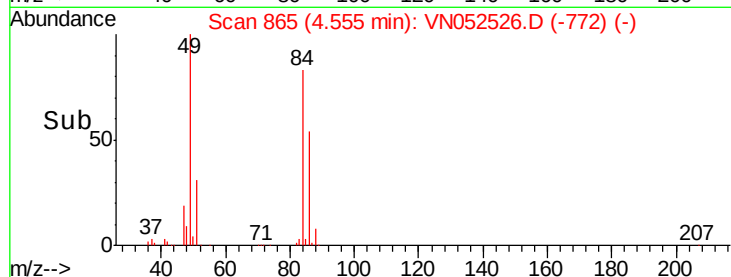
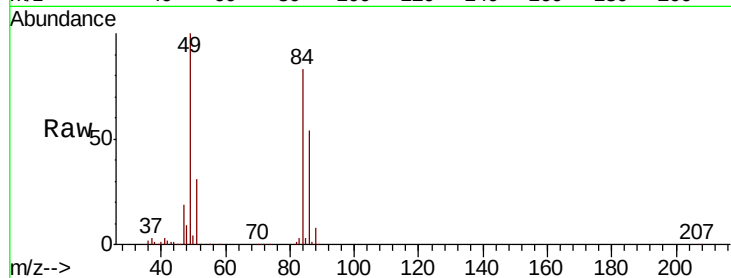




#20
Methylene Chloride
Concen: 38.937 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052526.D
Acq: 28 Nov 2018 18:08

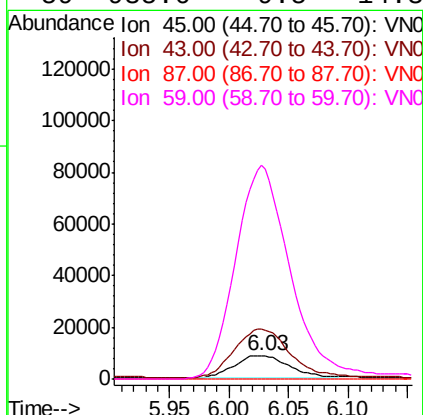
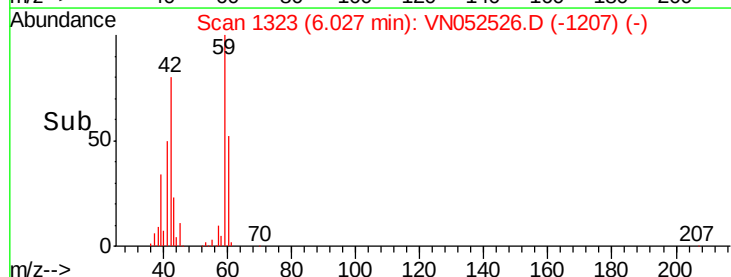
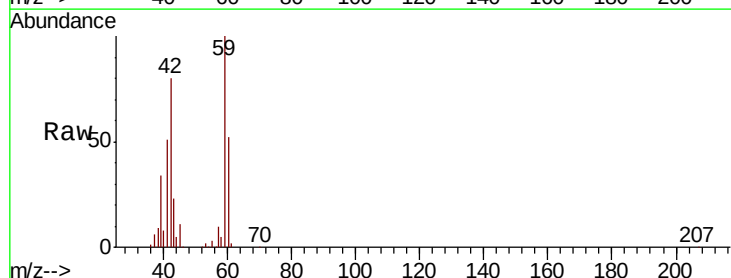
Instrument :
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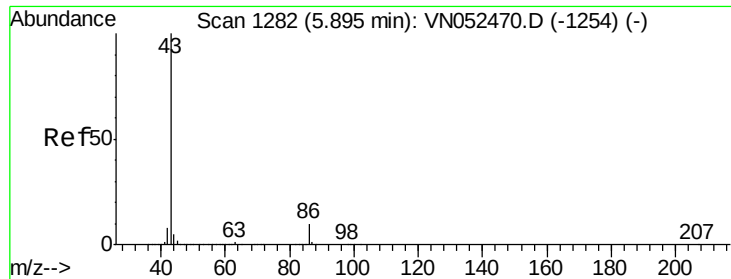
Tot Ion:	84	Resp:	628654
Ion	Ratio	Lower	Upper
84	100		
49	120.6	98.0	147.0
51	36.9	30.1	45.1
86	65.0	50.7	76.1



#22
Diisopropyl ether
Concen: 0.582 ug/l
RT: 6.03 min Scan# 1323
Delta R.T. 0.07 min
Lab File: VN052526.D
Acq: 28 Nov 2018 18:08

Tgt Ion:	45	Resp:	28363
Ion	Ratio	Lower	Upper
45	100		
43	214.1	46.1	69.1#
87	0.0	21.3	31.9#
59	935.6	9.5	14.3#

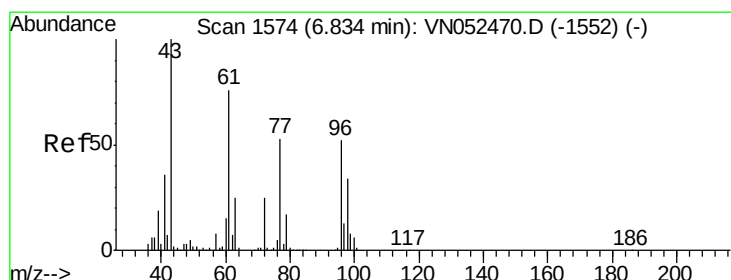
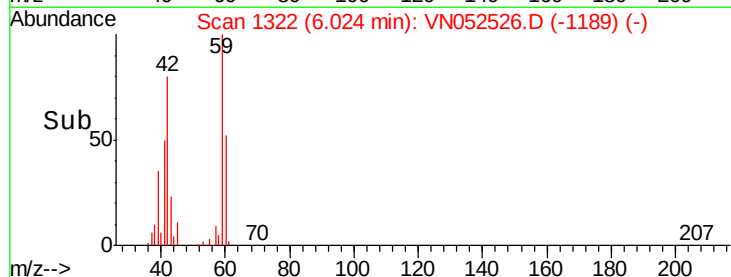
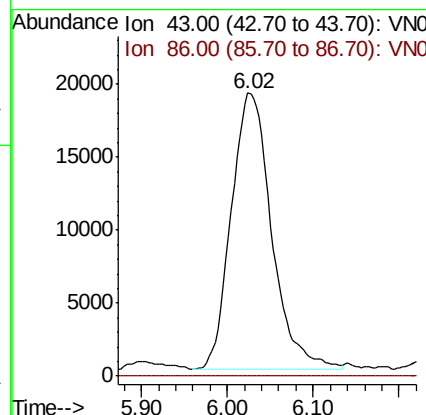
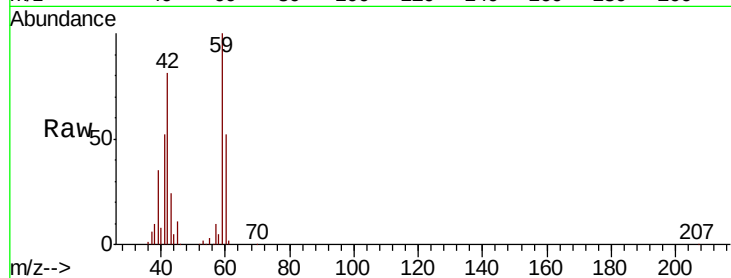




#23
 Vinyl Acetate
 Concen: 2.043 ug/l
 RT: 6.02 min Scan# 1322
 Delta R.T. 0.13 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

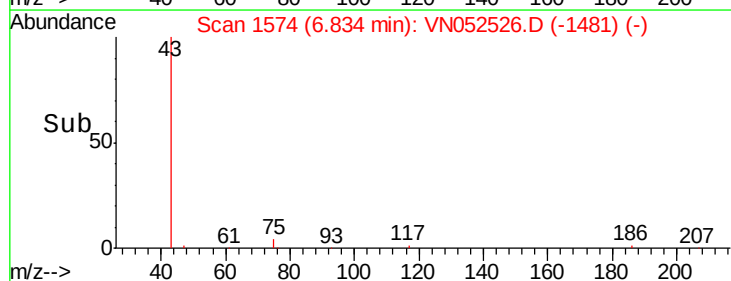
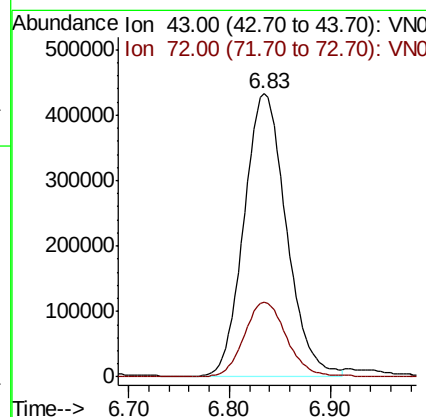
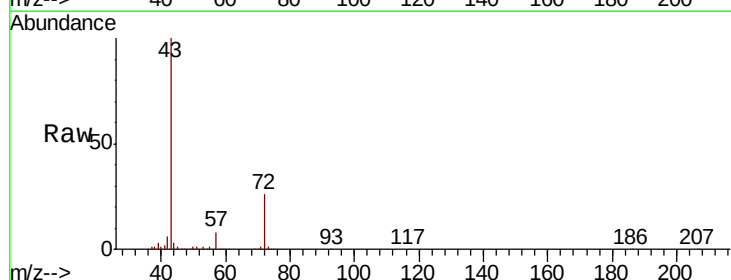
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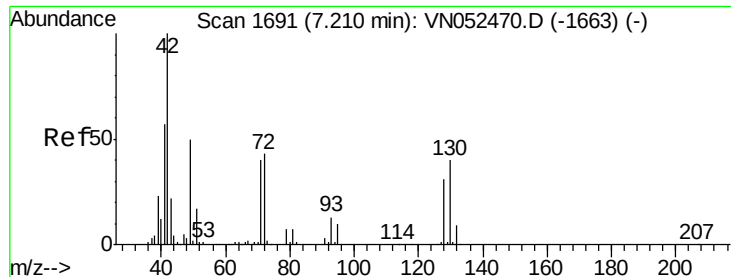
Tot Ion: 43 Resp: 62006
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 214.567 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

Tgt Ion: 43 Resp: 1254753
 Ion Ratio Lower Upper
 43 100
 72 26.4 20.1 30.1





#29

Tetrahydrofuran

Concen: 0.706 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.02 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

30003

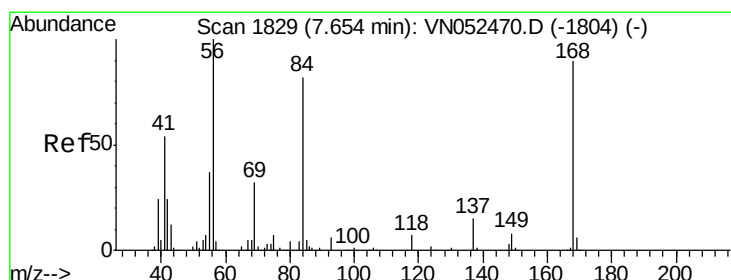
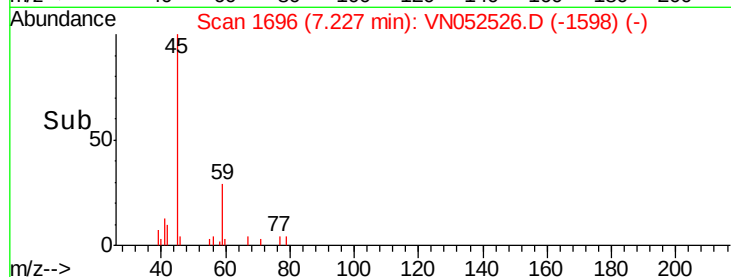
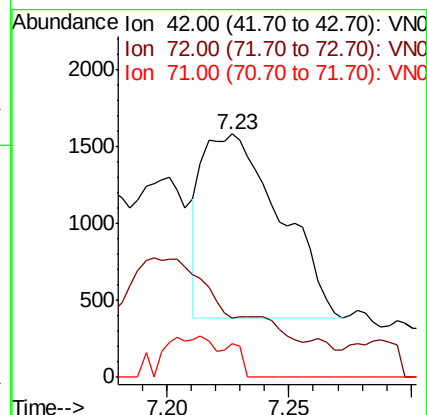
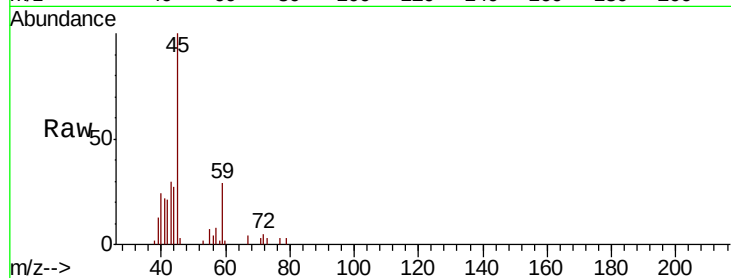
Tot Ion: 42 Resp: 2662

Ion Ratio Lower Upper

42 100

72 0.0 33.3 49.9#

71 0.0 32.0 48.0#



#31

Cyclohexane

Concen: 0.647 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

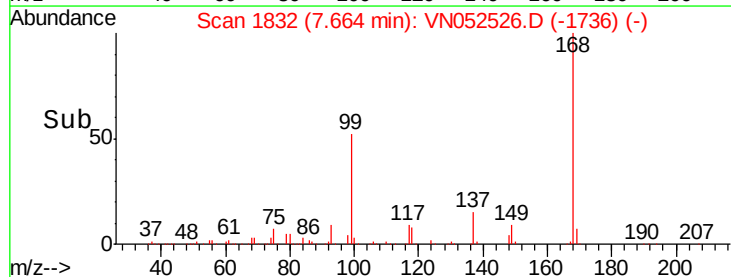
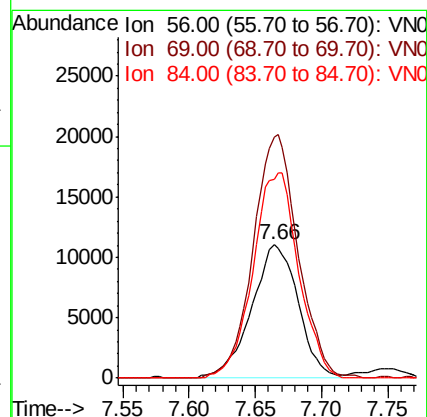
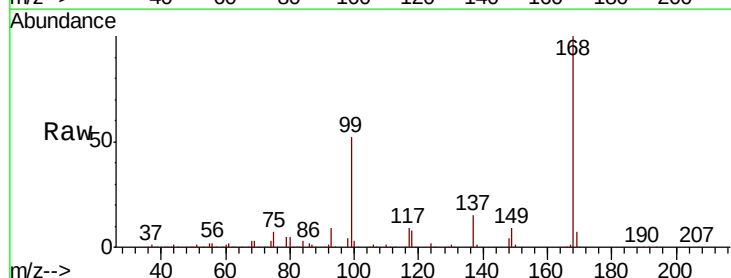
Tgt Ion: 56 Resp: 27133

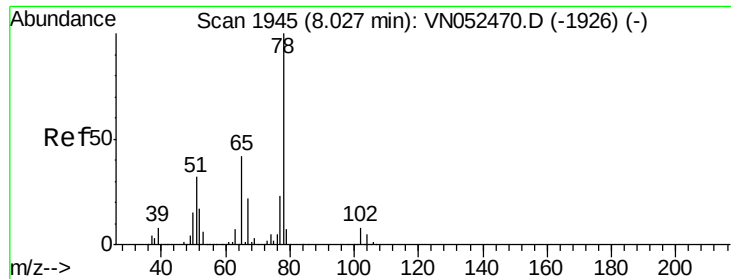
Ion Ratio Lower Upper

56 100

69 180.6 25.8 38.6#

84 148.7 65.3 97.9#

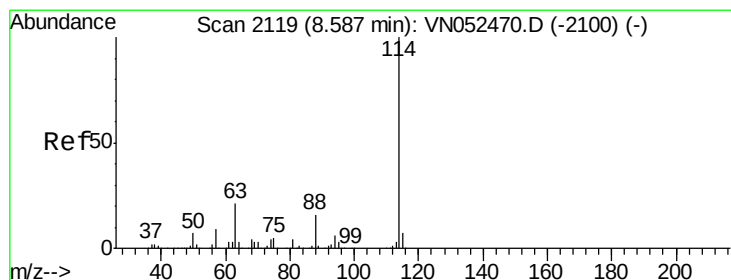
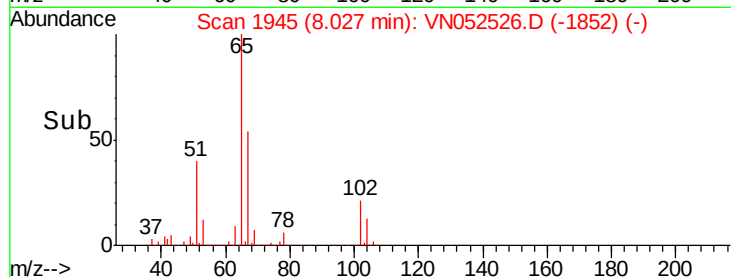
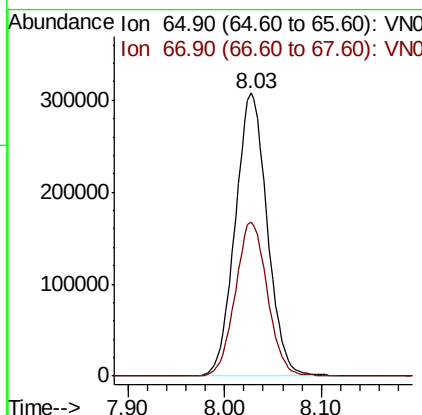
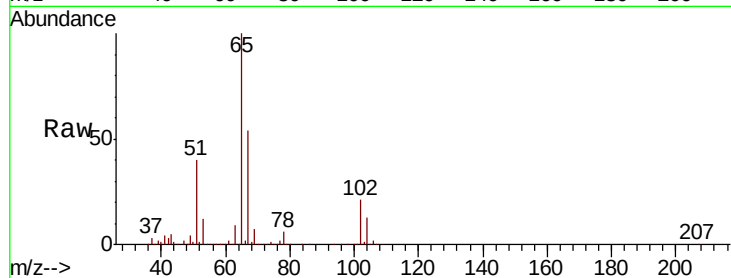




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

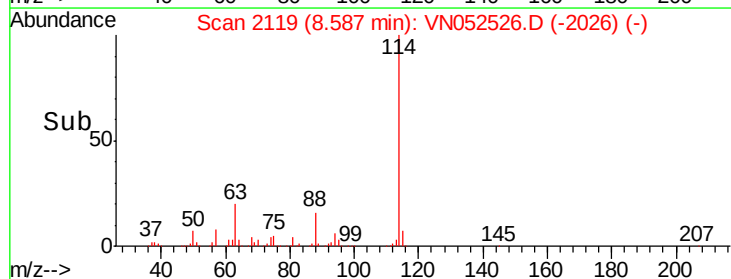
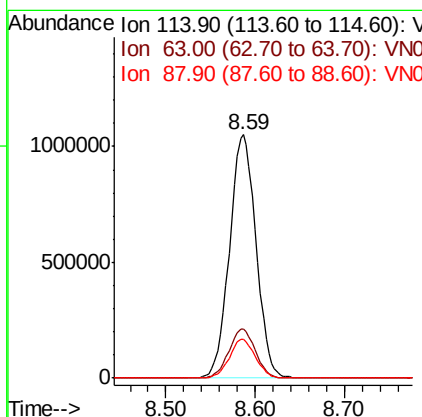
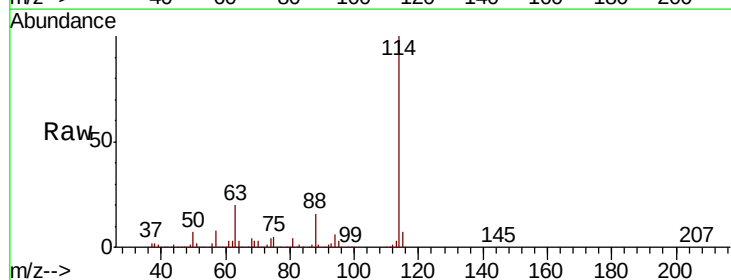
Instrument :
 MSVOA_N
 ClientSampleId :
 30003

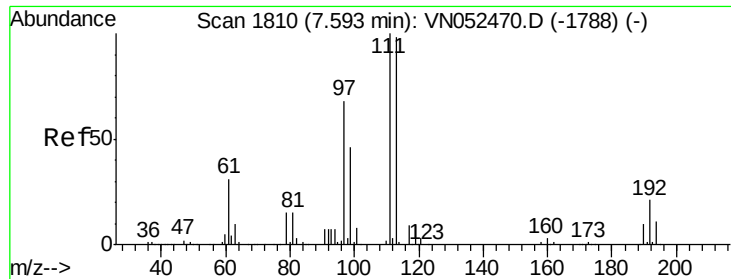
Tot Ion: 65 Resp: 706761
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

Tgt Ion: 114 Resp: 2156003
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.7 0.0 31.6

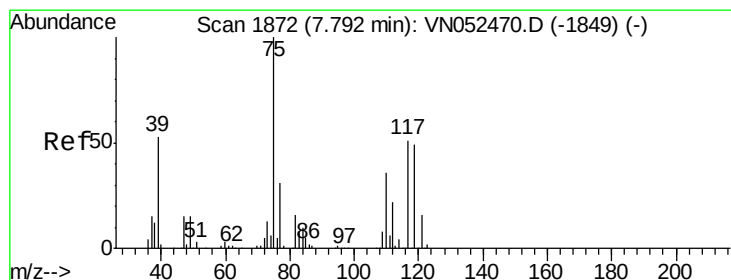
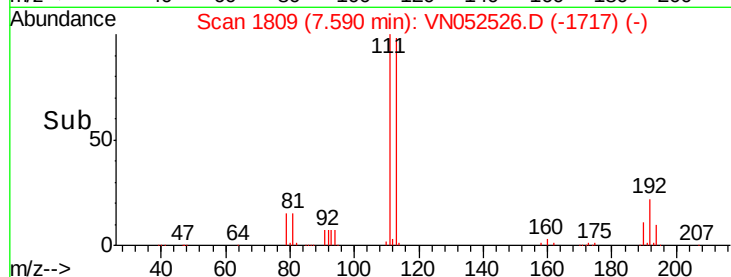
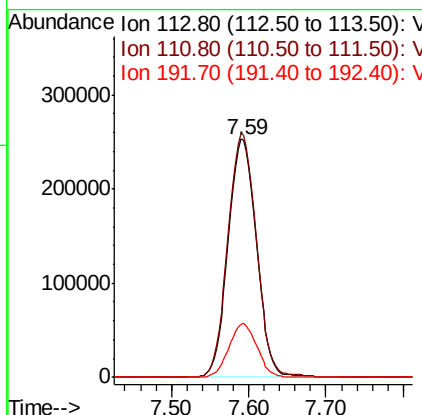
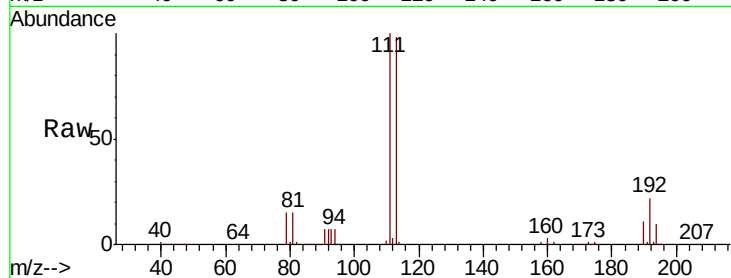




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

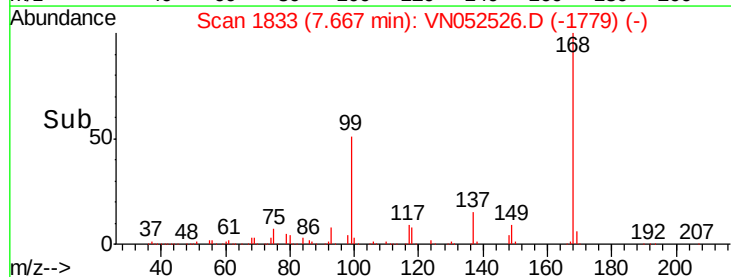
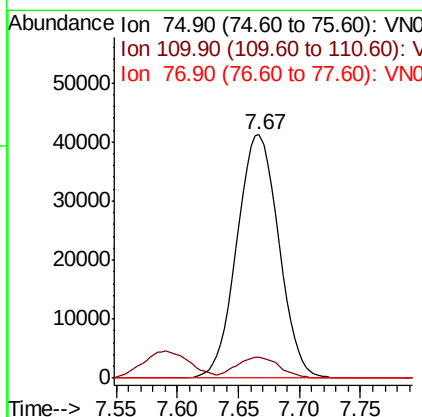
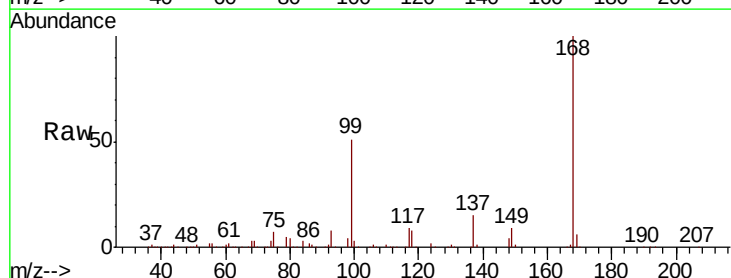
Instrument :
 MSVOA_N
 ClientSampleId :
 30003

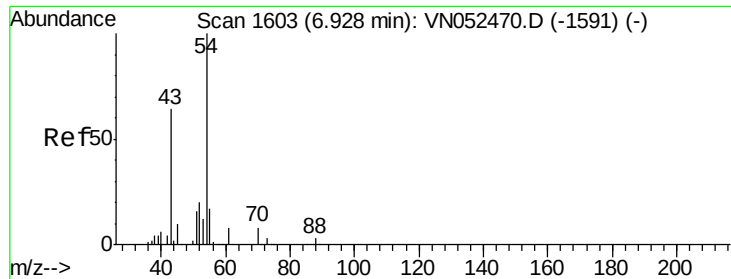
Tot Ion:113 Resp: 644398
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 22.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.810 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

Tgt Ion: 75 Resp: 97926
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.5 52.6#
 77 0.0 24.5 36.7#

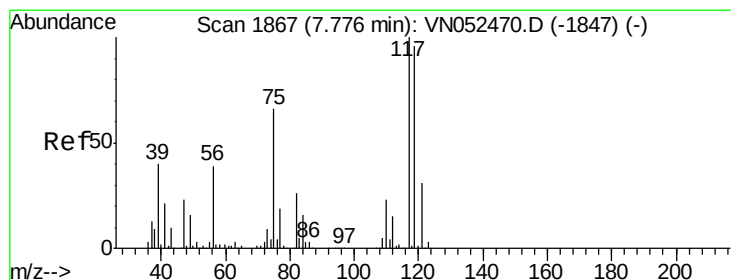
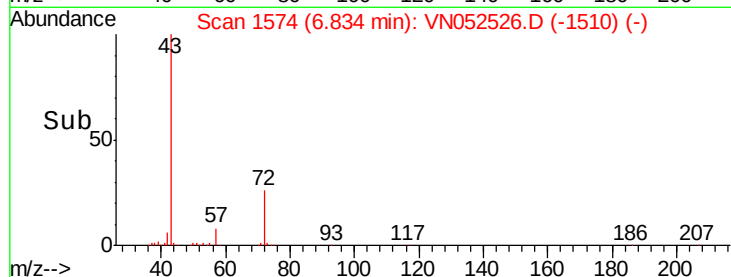
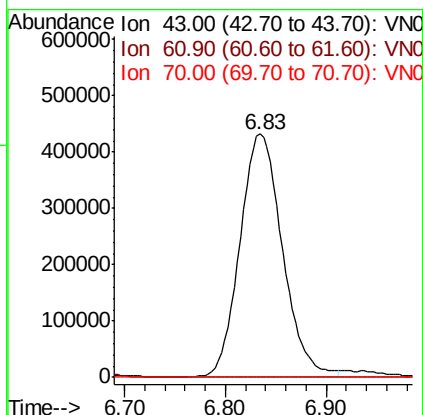
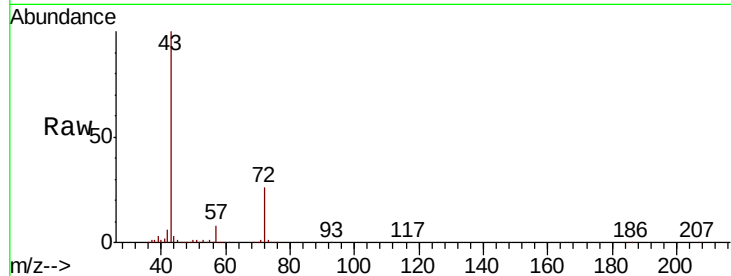




#37
Ethyl Acetate
Concen: 100.983 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.09 min
Lab File: VN052526.D
Acq: 28 Nov 2018 18:08

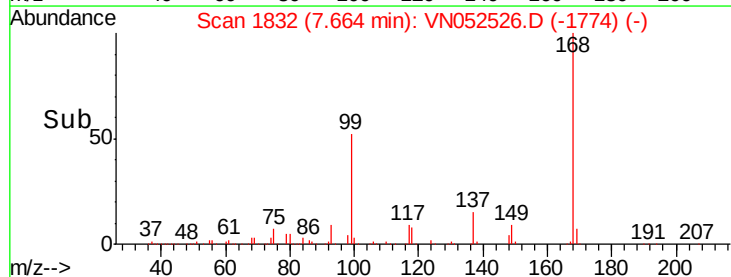
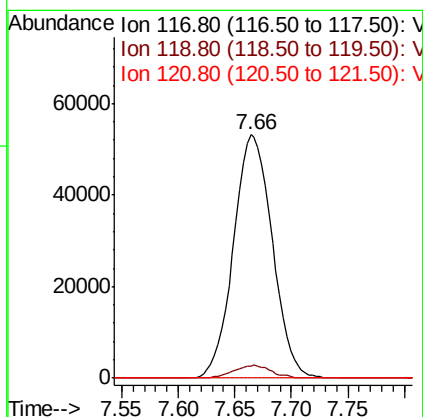
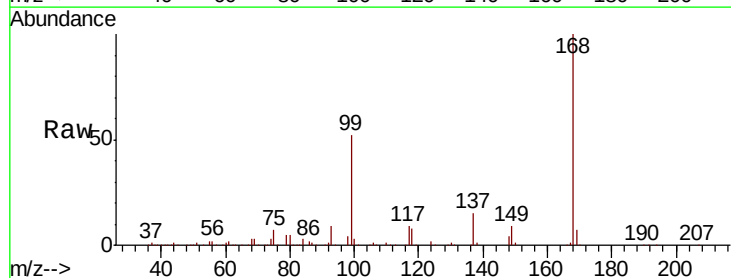
Instrument :
MSVOA_N
ClientSampled :
30003

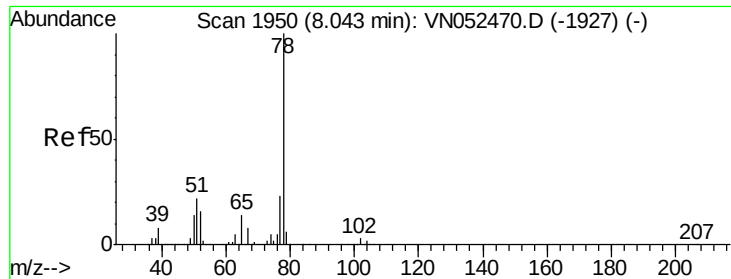
Tot Ion: 43 Resp: 1254753
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 6.892 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN052526.D
Acq: 28 Nov 2018 18:08

Tgt Ion: 117 Resp: 127034
Ion Ratio Lower Upper
117 100
119 5.2 76.8 115.2#
121 0.0 24.9 37.3#





#40

Benzene

Concen: 1.147 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

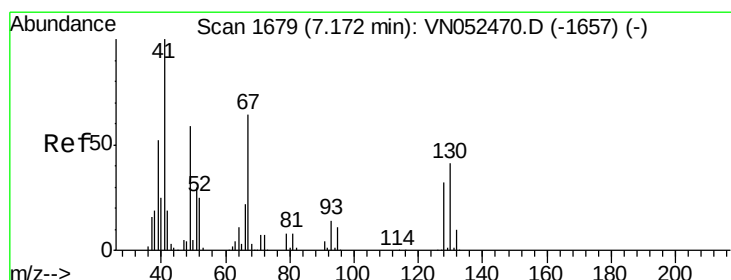
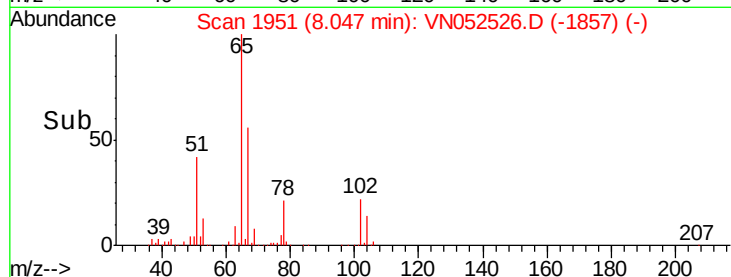
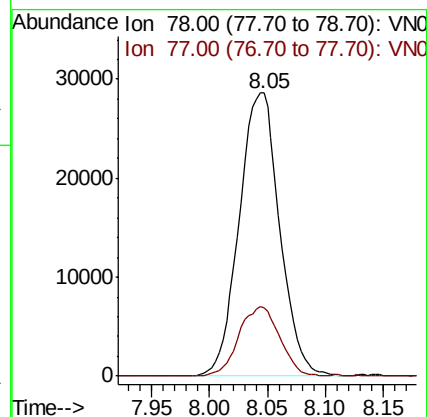
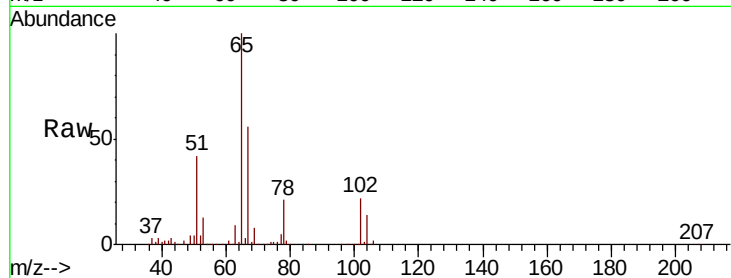
30003

Tot Ion: 78 Resp: 69618

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2



#41

Methacrylonitrile

Concen: 2.171 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.02 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Tgt Ion: 41 Resp: 14747

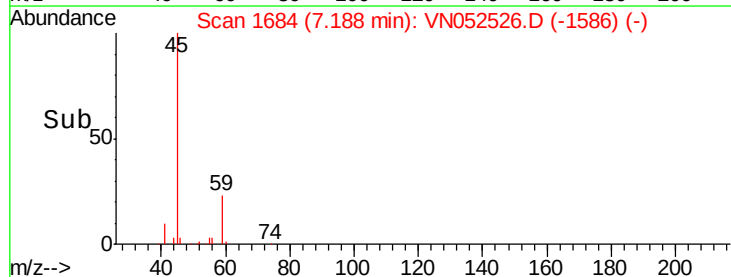
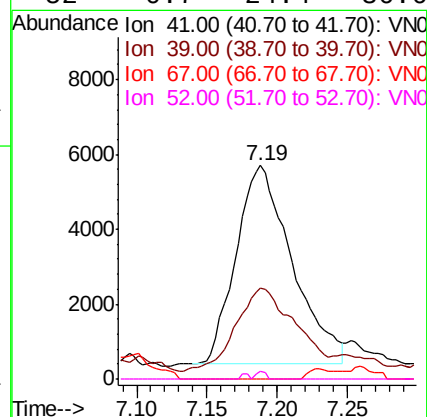
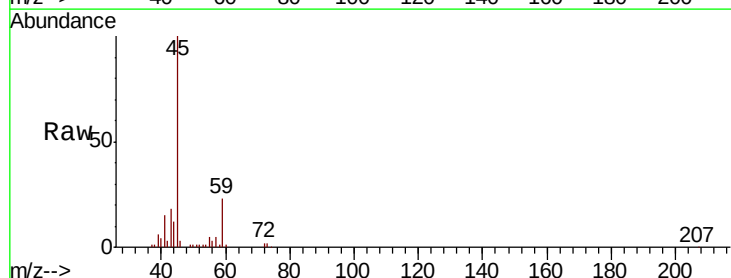
Ion Ratio Lower Upper

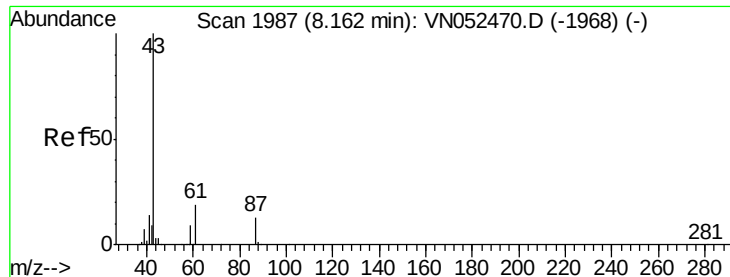
41 100

39 44.7 50.9 76.3#

67 0.0 63.6 95.4#

52 0.7 24.4 36.6#





#43

Isopropyl Acetate

Concen: 3.318 ug/l

RT: 8.29 min Scan# 2026

Delta R.T. 0.13 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

30003

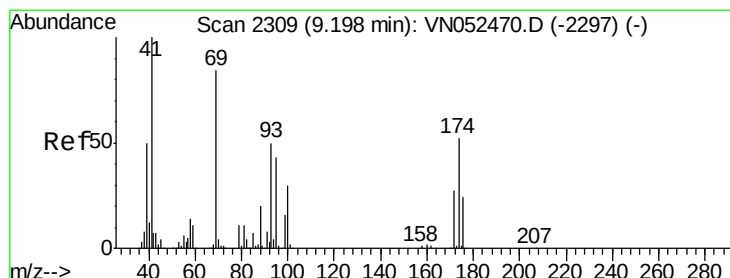
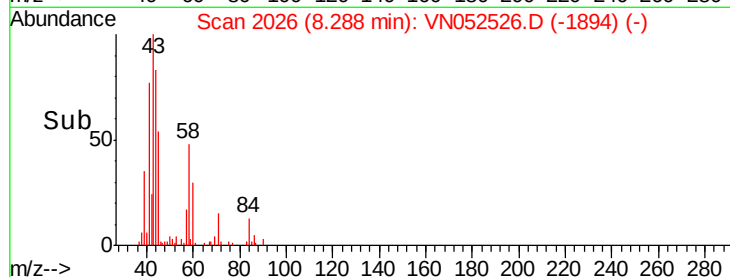
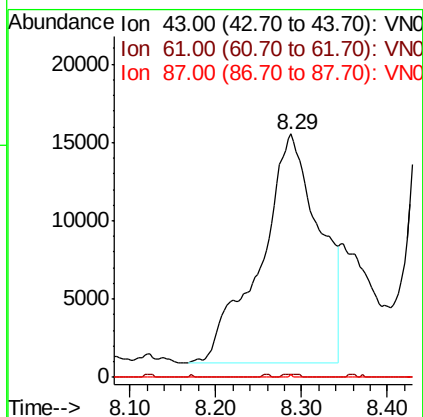
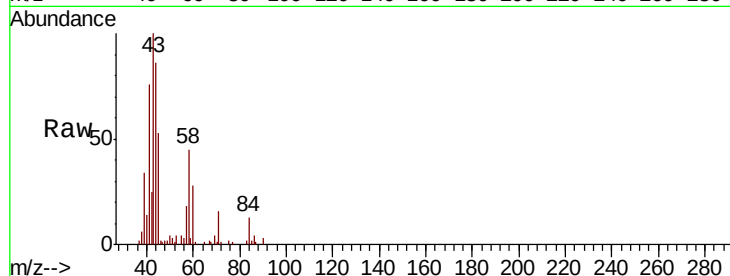
Tot Ion: 43 Resp: 69773

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

87 0.0 10.6 15.8#



#48

Methyl methacrylate

Concen: 34.009 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.03 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

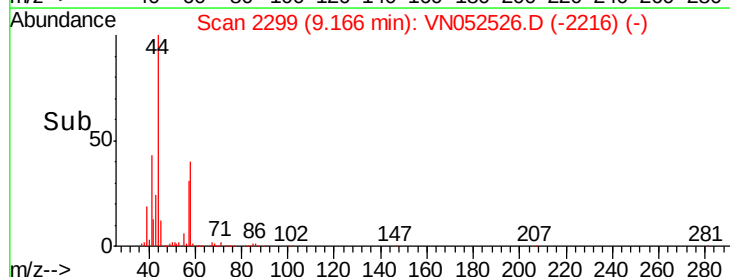
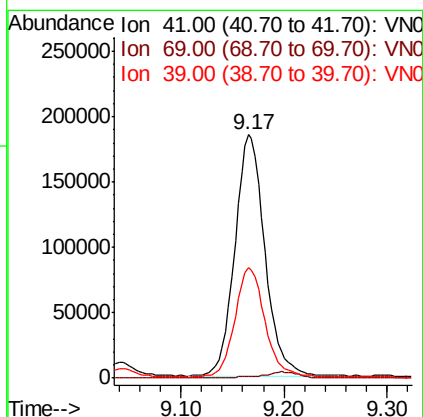
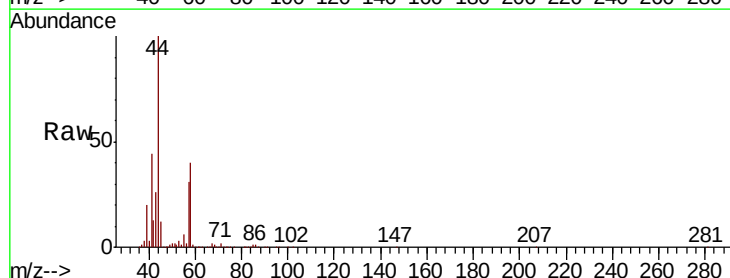
Tgt Ion: 41 Resp: 372883

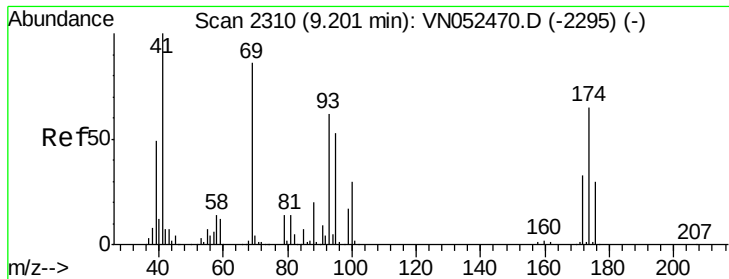
Ion Ratio Lower Upper

41 100

69 0.0 70.0 105.0#

39 45.6 42.6 64.0





#49

1,4-Dioxane

Concen: 26.601 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

30003

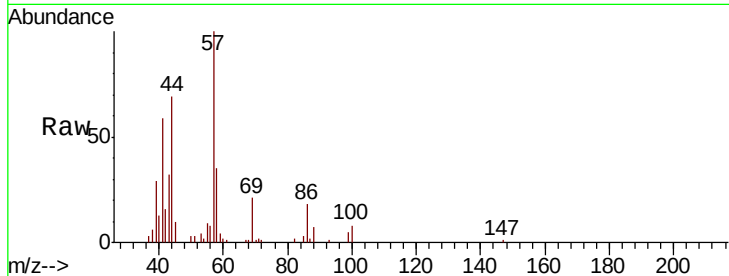
Tot Ion: 88 Resp: 3027

Ion Ratio Lower Upper

88 100

43 0.0 26.4 39.6#

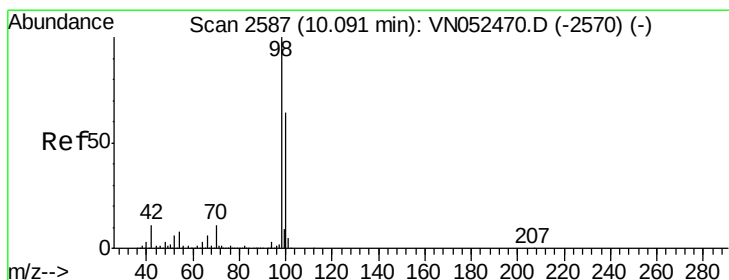
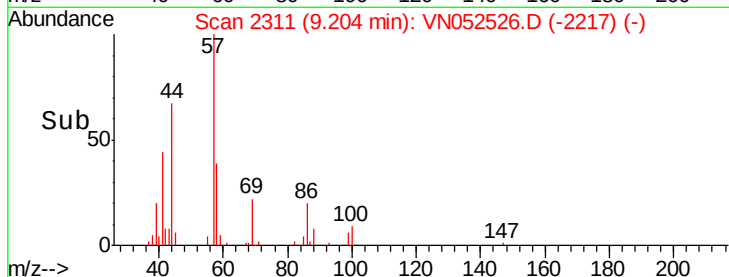
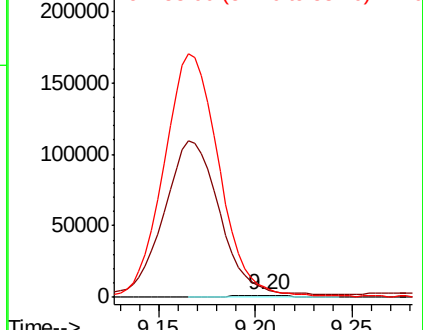
58 0.0 55.4 83.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 26.601 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052526.D

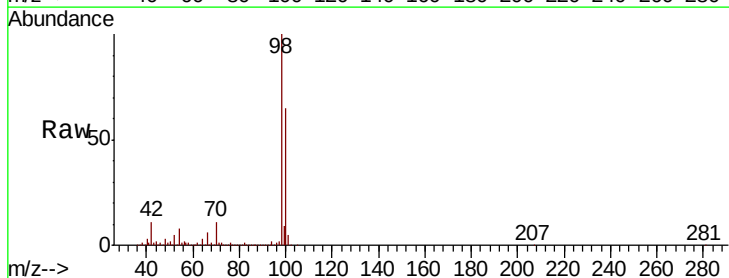
Acq: 28 Nov 2018 18:08

Tgt Ion: 98 Resp: 2627054

Ion Ratio Lower Upper

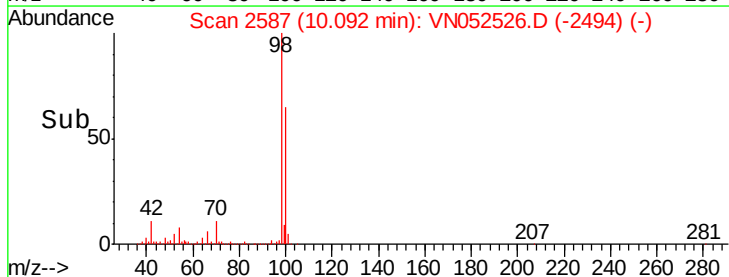
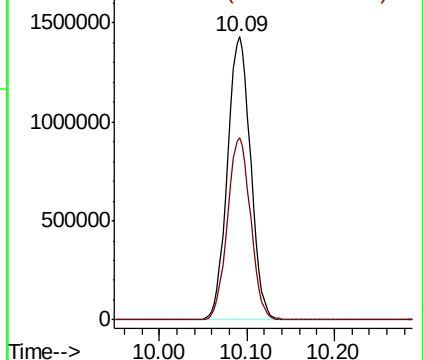
98 100

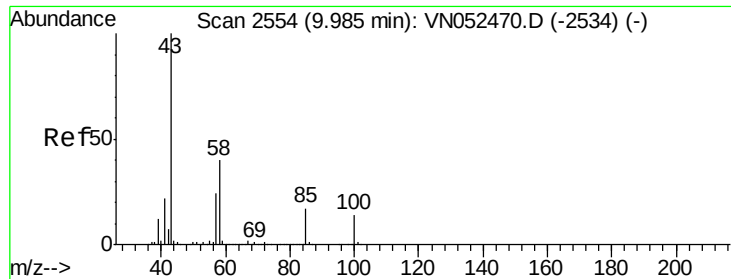
100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

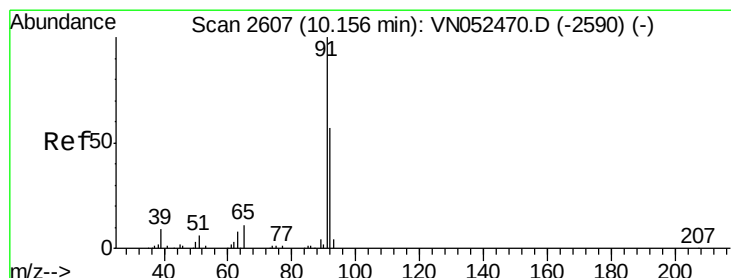
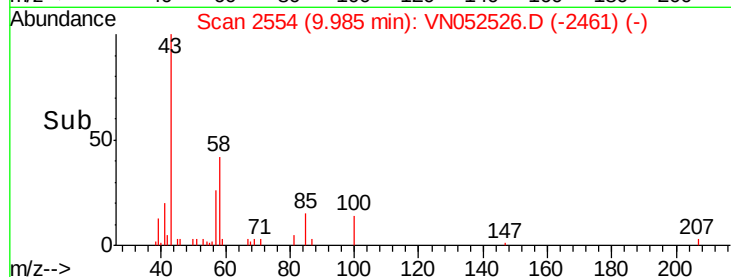
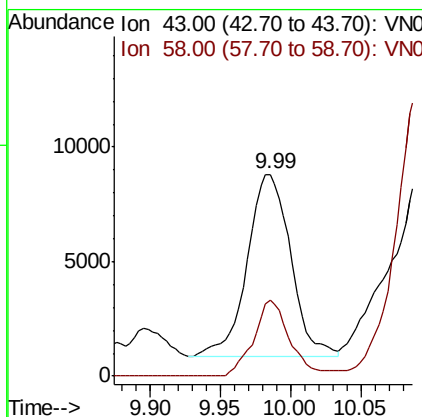
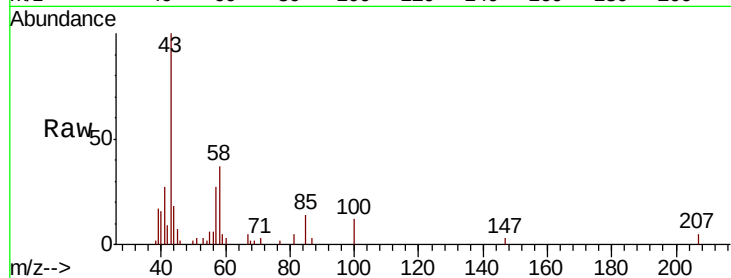




#51
 4-Methyl-2-Pentanone
 Concen: 1.463 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

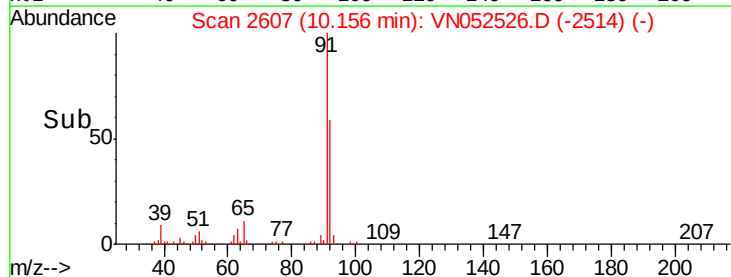
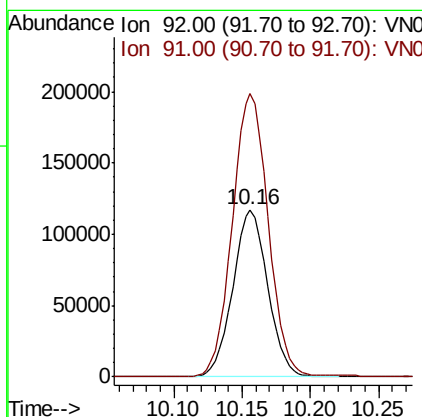
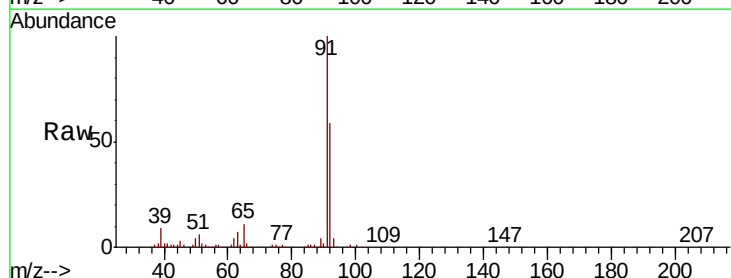
Instrument :
 MSVOA_N
 ClientSampled :
 30003

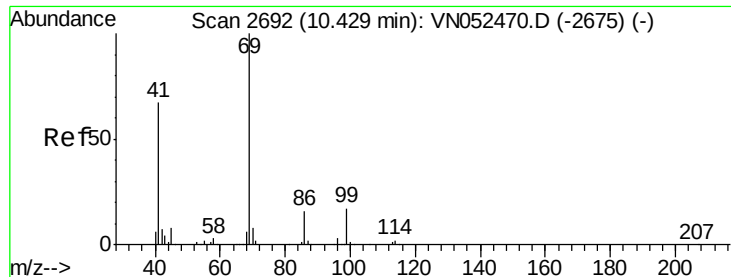
Tot Ion: 43 Resp: 17265
 Ion Ratio Lower Upper
 43 100
 58 35.2 31.5 47.3



#52
 Toluene
 Concen: 5.780 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

Tgt Ion: 92 Resp: 208366
 Ion Ratio Lower Upper
 92 100
 91 173.1 141.0 211.4





#56

Ethyl methacrylate

Concen: 2.938 ug/l

RT: 10.36 min Scan# 2672

Delta R.T. -0.06 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

30003

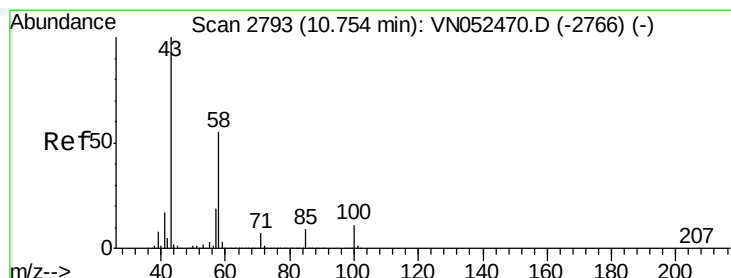
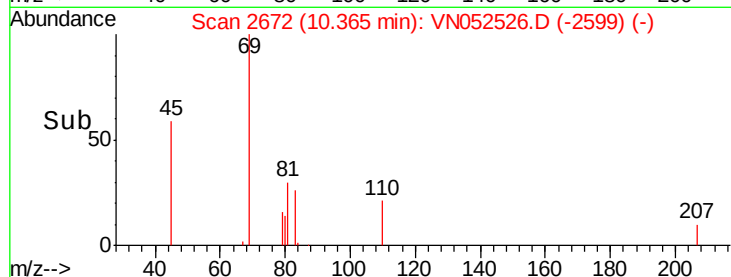
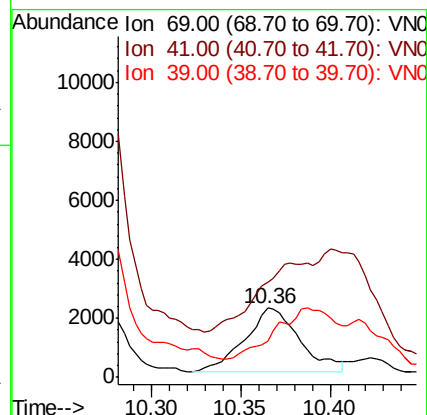
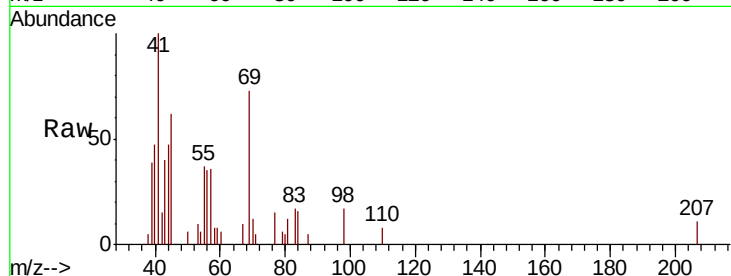
Tot Ion: 69 Resp: 4564

Ion Ratio Lower Upper

69 100

41 0.0 52.6 79.0#

39 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 12.796 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN052526.D

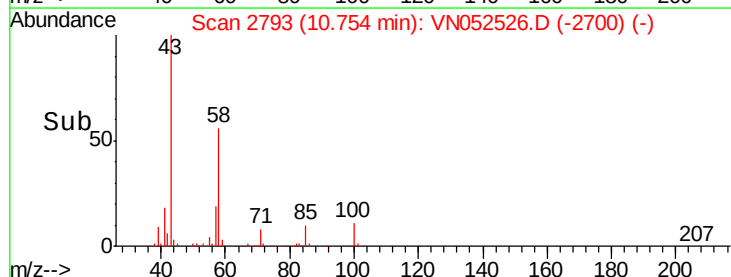
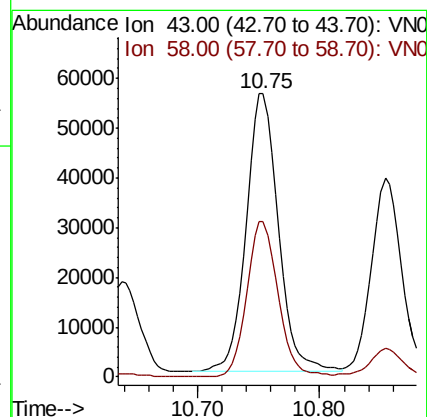
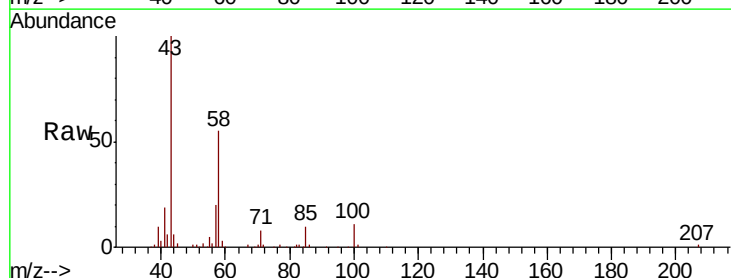
Acq: 28 Nov 2018 18:08

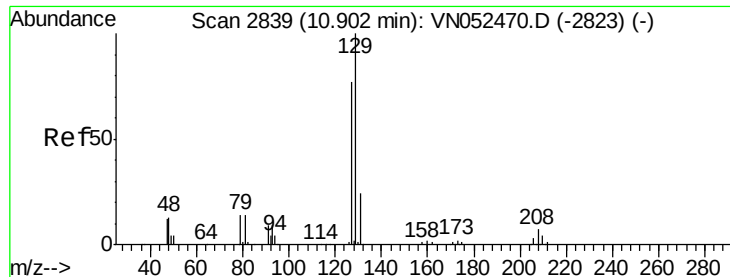
Tgt Ion: 43 Resp: 101321

Ion Ratio Lower Upper

43 100

58 54.2 27.4 82.0





#60

Dibromochloromethane

Concen: 0.374 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

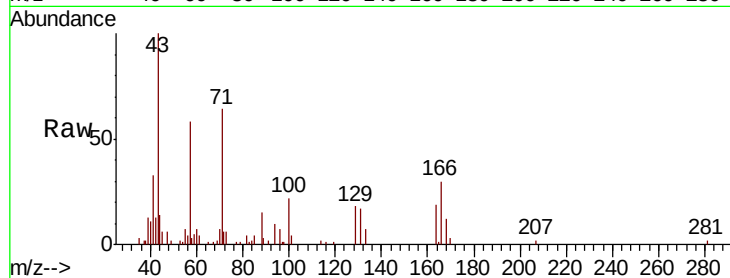
30003

Tot Ion:129 Resp: 5152

Ion Ratio Lower Upper

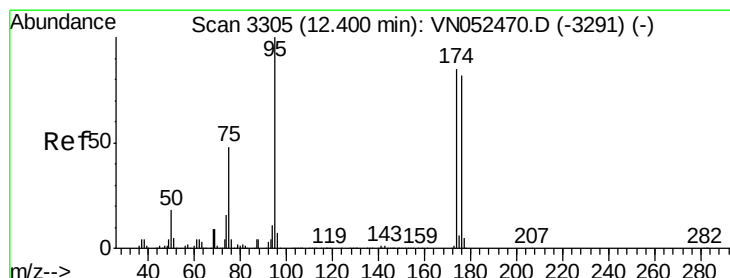
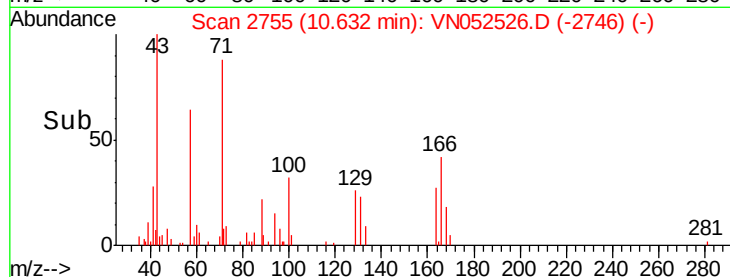
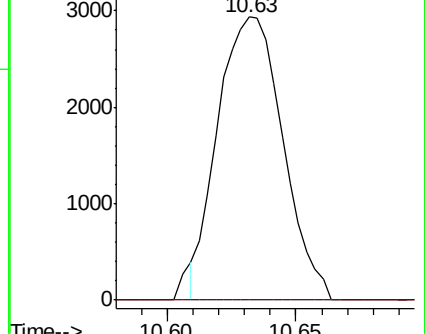
129 100

127 0.0 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

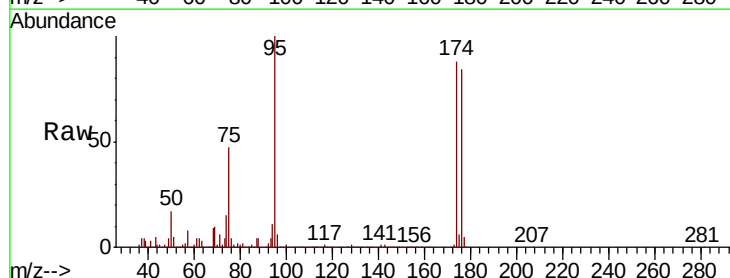
Tgt Ion: 95 Resp: 859325

Ion Ratio Lower Upper

95 100

174 87.1 0.0 173.0

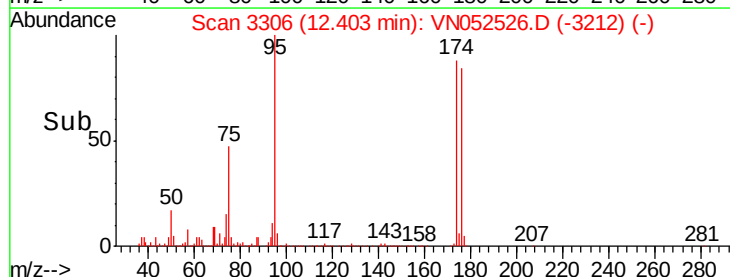
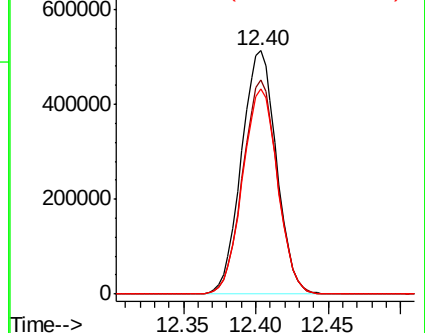
176 84.8 0.0 166.2

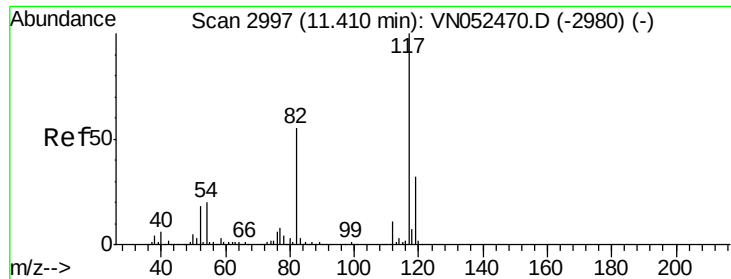


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

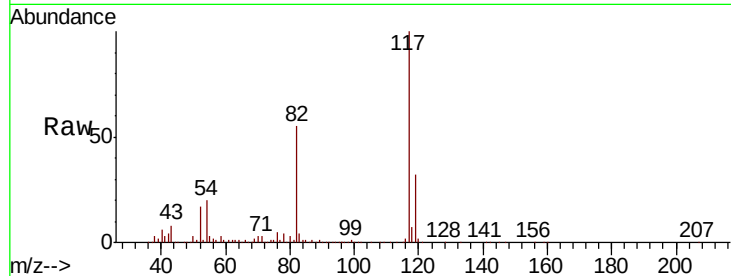




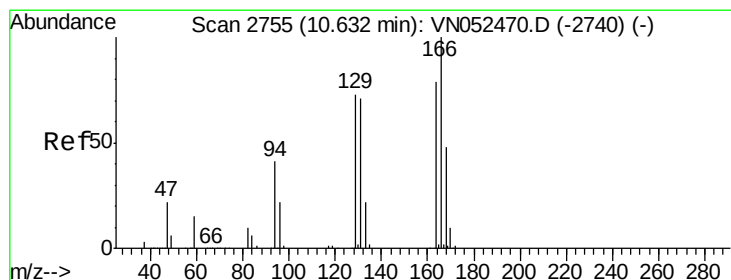
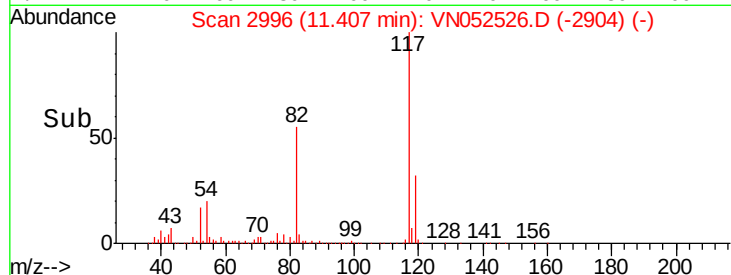
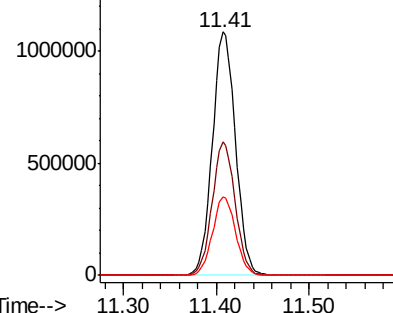
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052526.D
Acq: 28 Nov 2018 18:08

Instrument :
MSVOA_N
ClientSampled :
30003

Tot Ion:117 Resp: 1874679
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 32.3 25.4 38.2

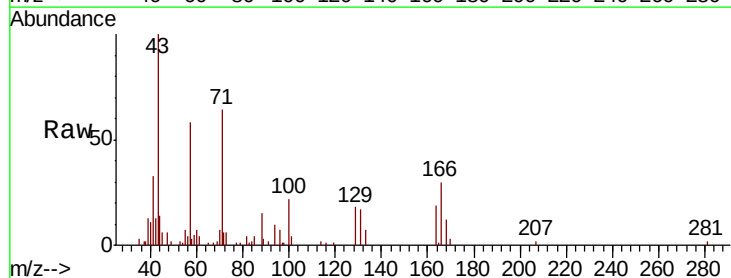


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

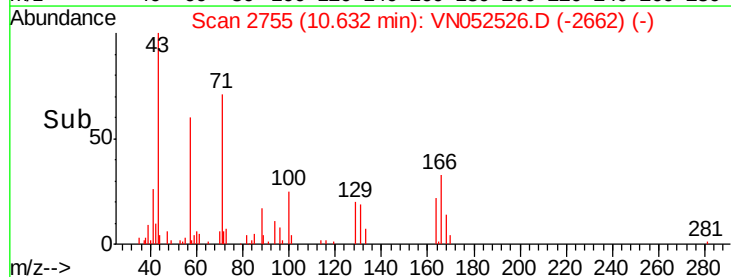
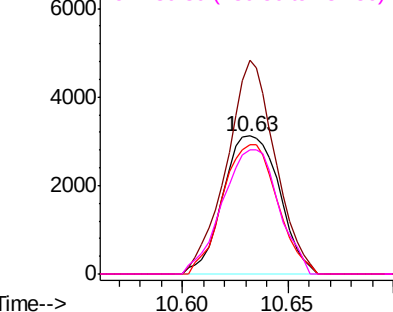


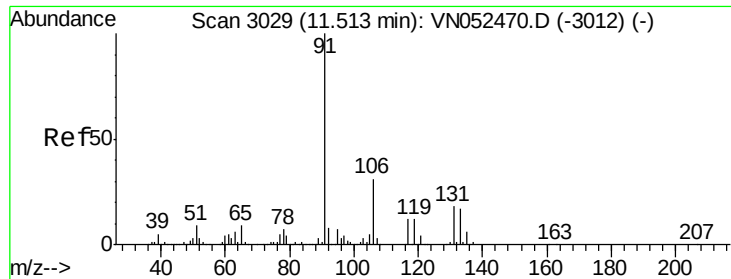
#64
Tetrachloroethene
Concen: 0.397 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052526.D
Acq: 28 Nov 2018 18:08

Tgt Ion:164 Resp: 5774
Ion Ratio Lower Upper
164 100
166 154.6 101.0 151.4#
129 94.0 73.8 110.6
131 89.5 71.2 106.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 0.950 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

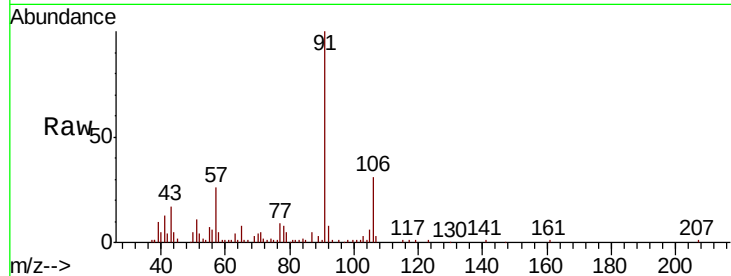
30003

Tot Ion: 91 Resp: 64284

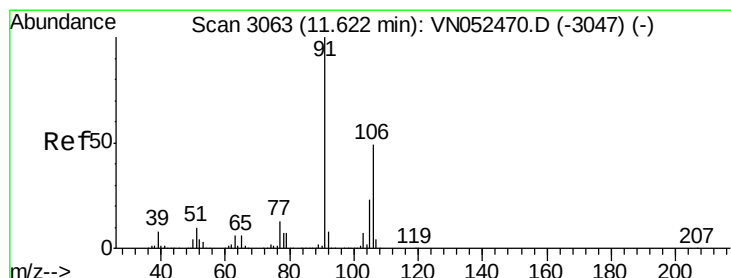
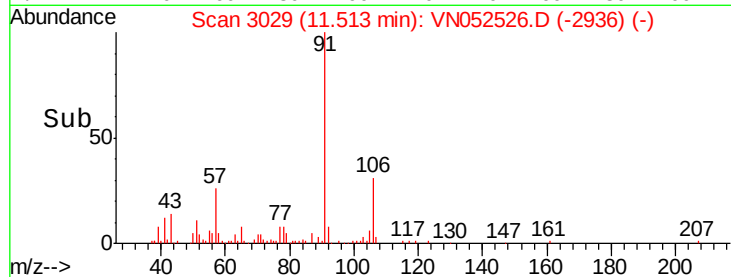
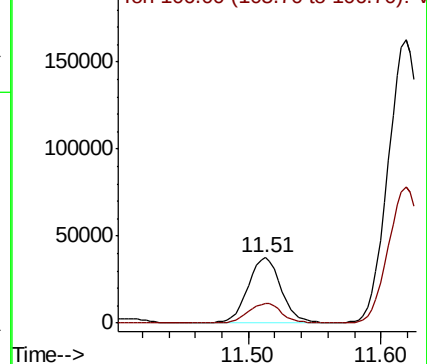
Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN052526.D (-2936) (-)



#68

m/p-Xylenes

Concen: 5.793 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052526.D

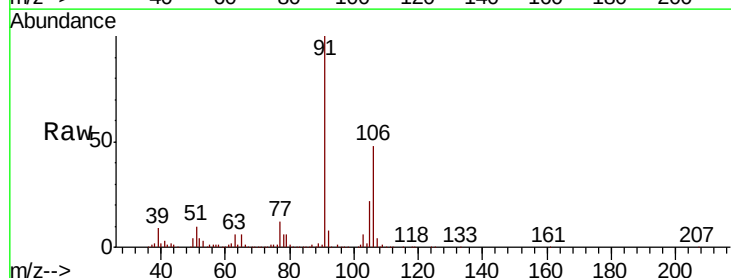
Acq: 28 Nov 2018 18:08

Tgt Ion: 106 Resp: 145997

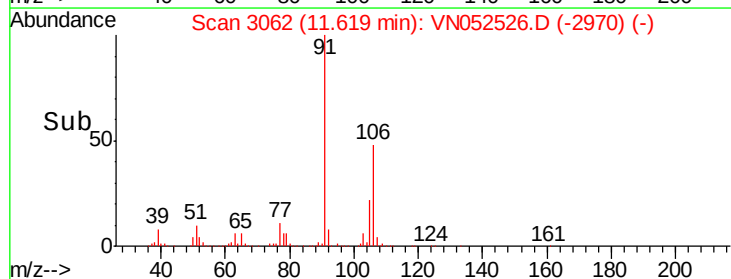
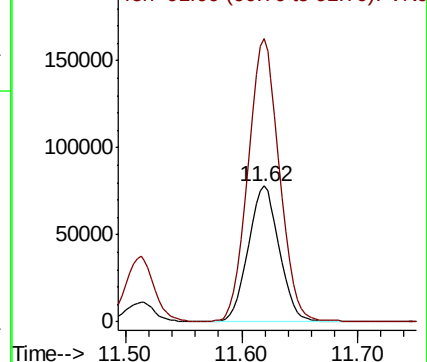
Ion Ratio Lower Upper

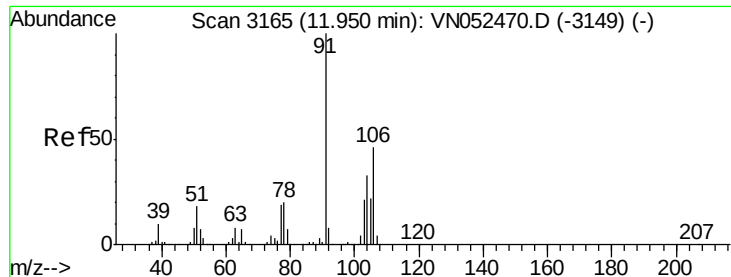
106 100

91 207.6 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): VN052526.D (-2970) (-)





#69

o-Xylene

Concen: 2.544 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

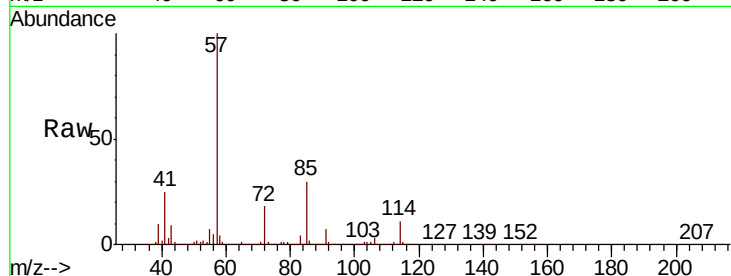
30003

Tot Ion:106 Resp: 62260

Ion Ratio Lower Upper

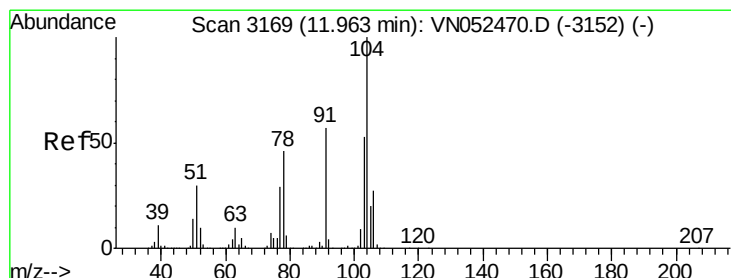
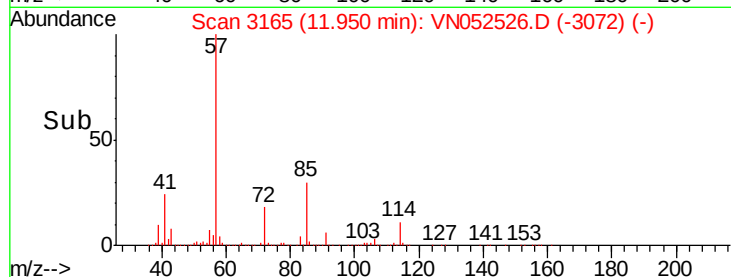
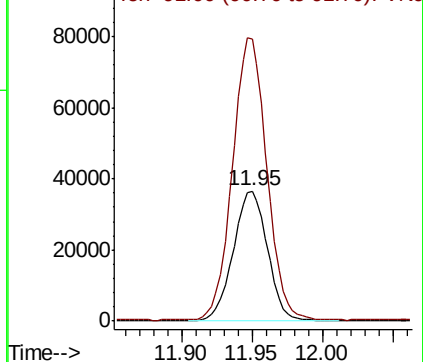
106 100

91 216.3 107.7 323.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 0.651 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

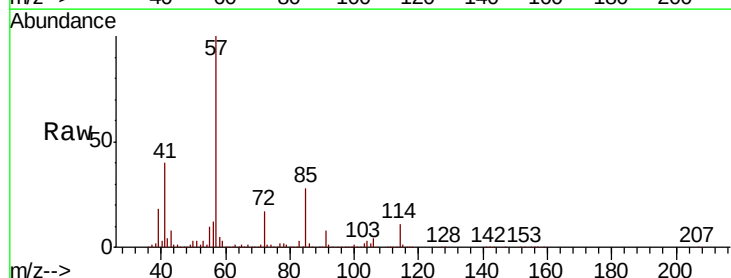
Tgt Ion:104 Resp: 25387

Ion Ratio Lower Upper

104 100

78 72.8 39.4 59.2#

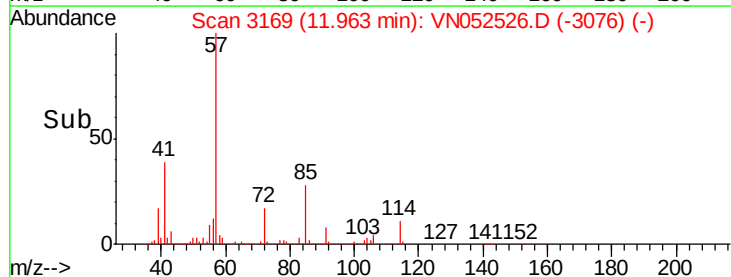
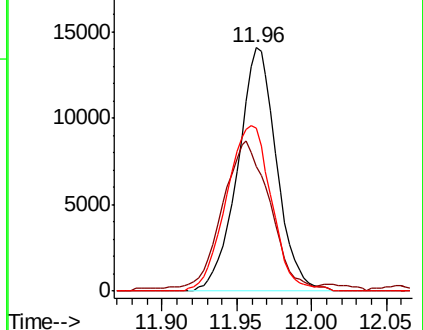
103 79.2 44.9 67.3#

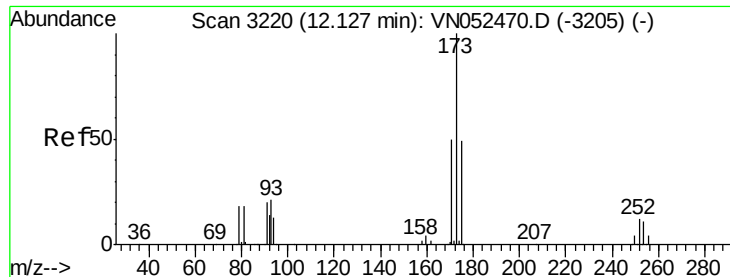


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.578 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

30003

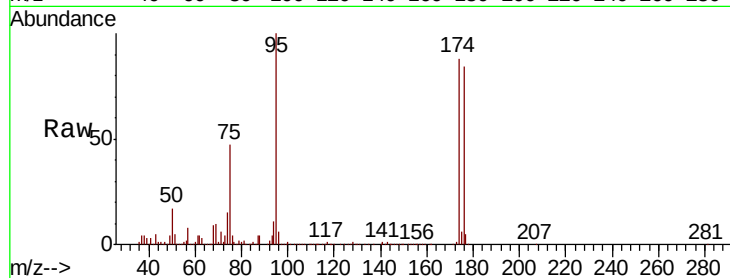
Tot Ion:173 Resp: 5145

Ion Ratio Lower Upper

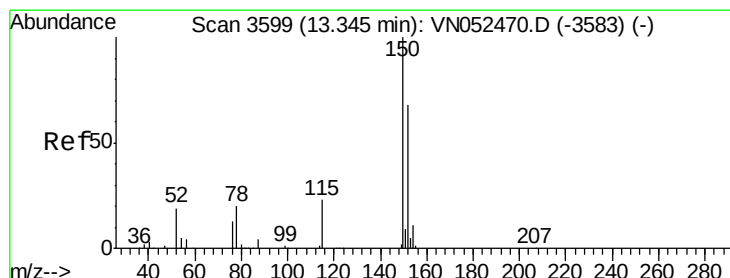
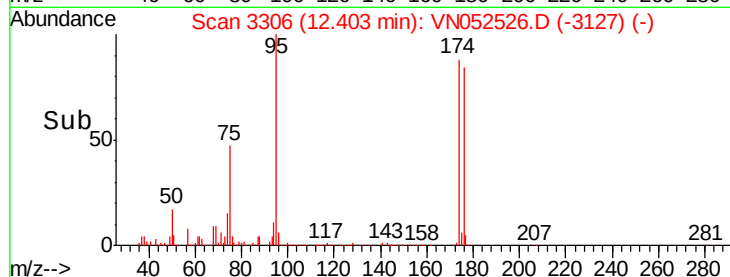
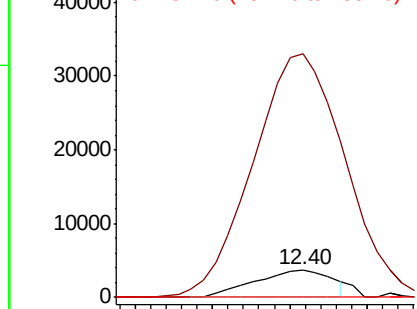
173 100

175 920.6 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: VN052526.D

Acq: 28 Nov 2018 18:08

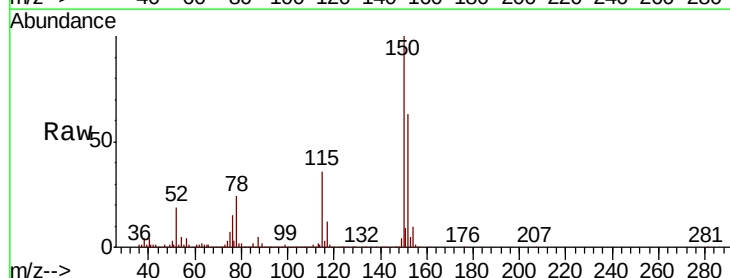
Tgt Ion:152 Resp: 784469

Ion Ratio Lower Upper

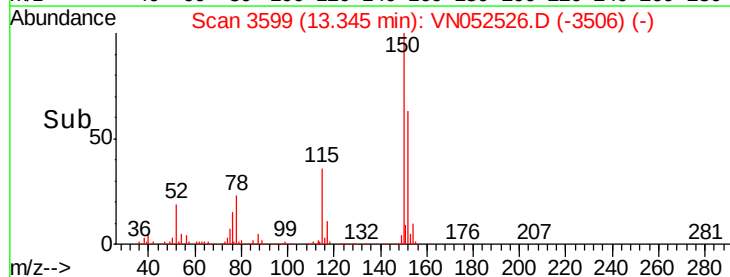
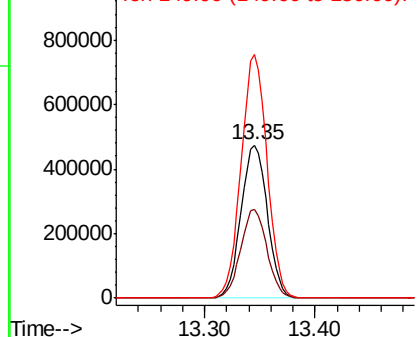
152 100

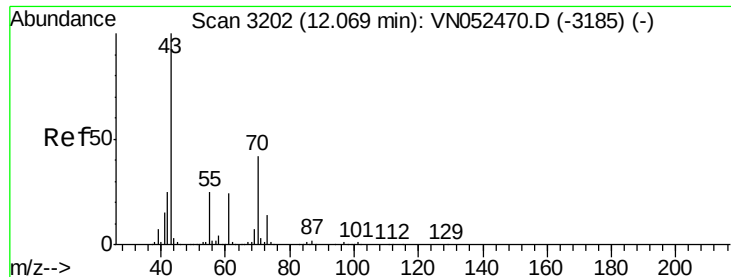
115 57.6 28.4 85.2

150 157.2 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: 31.486 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

30003

Tot Ion: 43 Resp: 489577

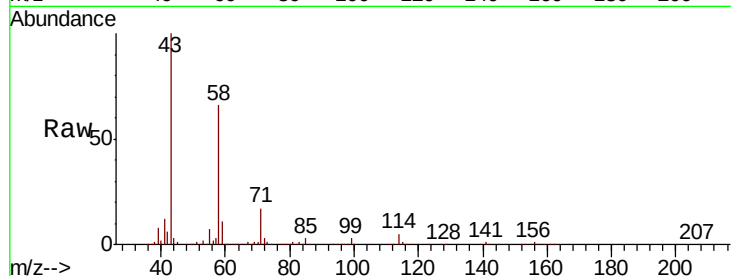
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.8#

55 0.0 20.0 30.0#

61 0.1 19.7 29.5#

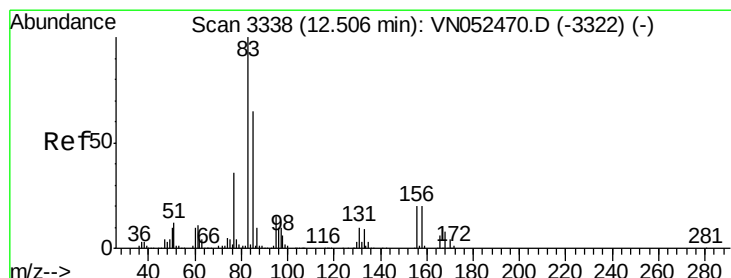
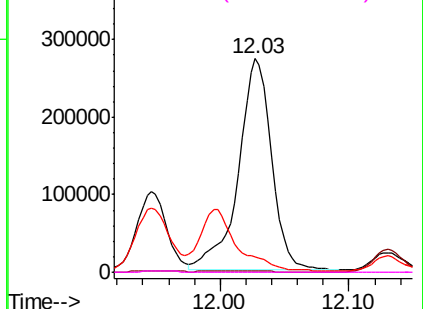
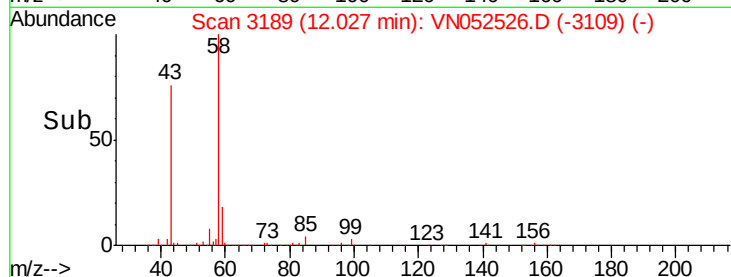


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 3.591 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.06 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

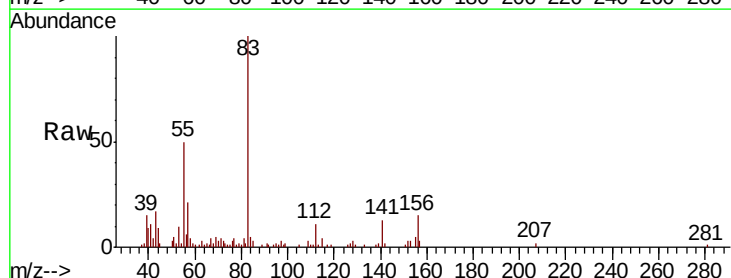
Tgt Ion: 83 Resp: 50271

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

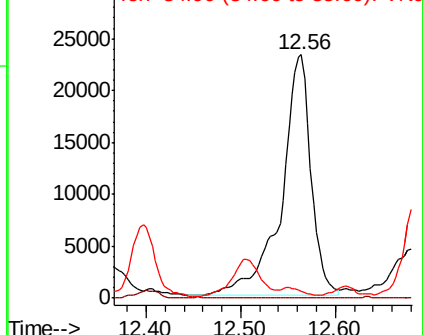
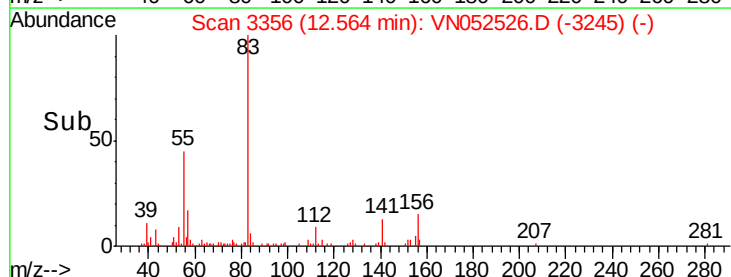
85 0.0 31.9 95.9#

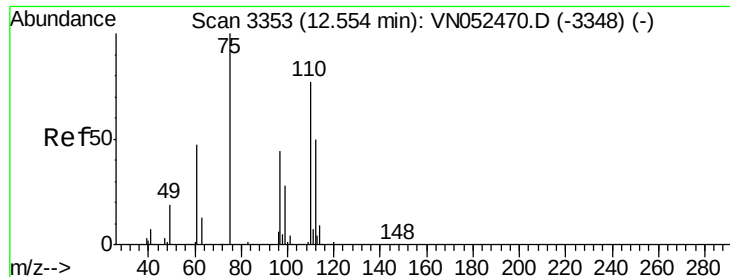


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.638 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

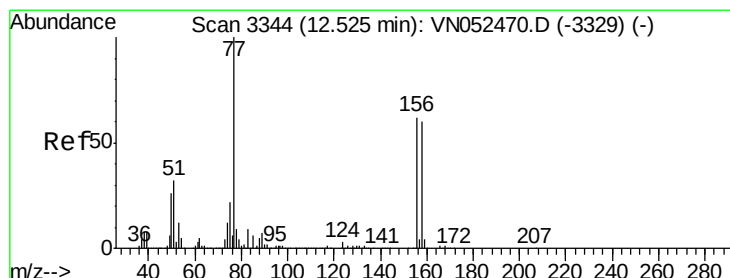
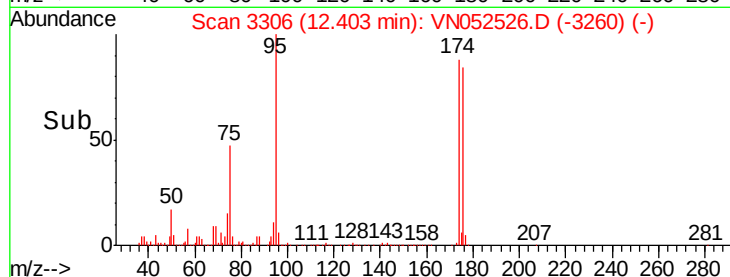
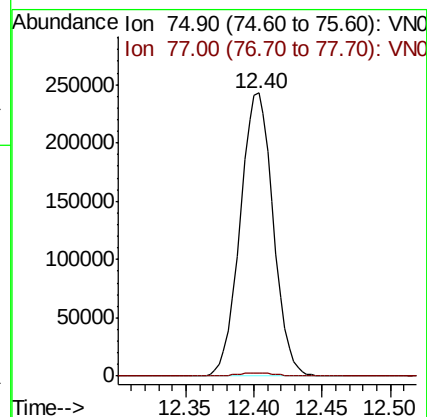
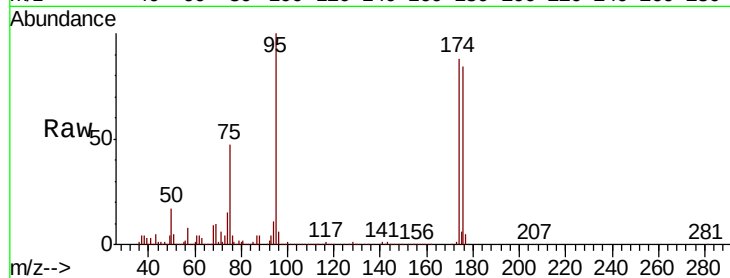
30003

Tot Ion: 75 Resp: 406922

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#77

Bromobenzene

Concen: 0.530 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.03 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

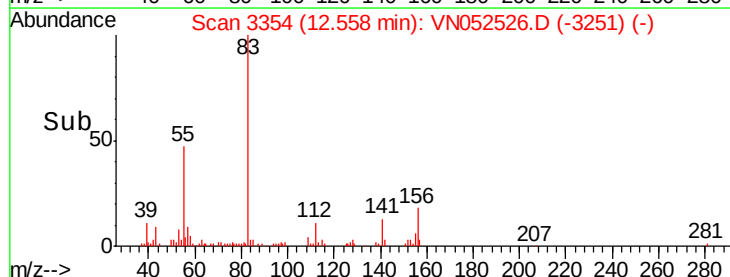
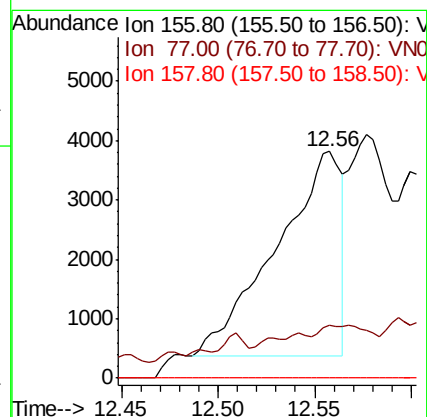
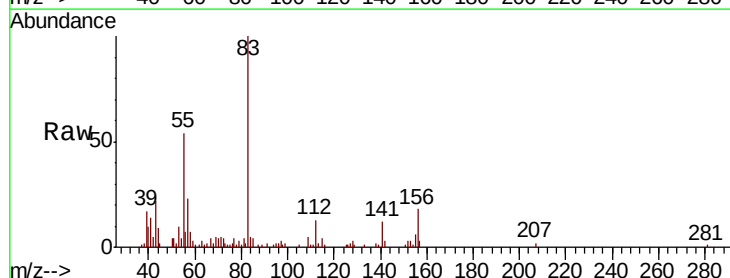
Tgt Ion: 156 Resp: 8058

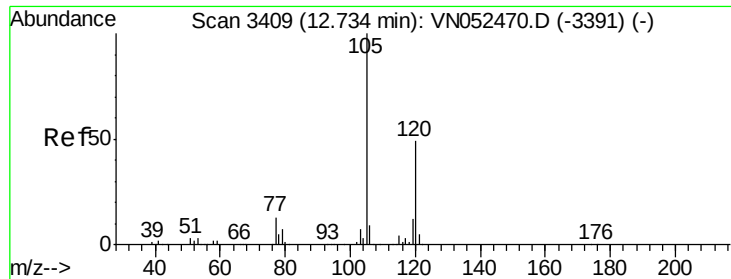
Ion Ratio Lower Upper

156 100

77 3.4 93.5 280.4#

158 0.0 48.3 144.9#

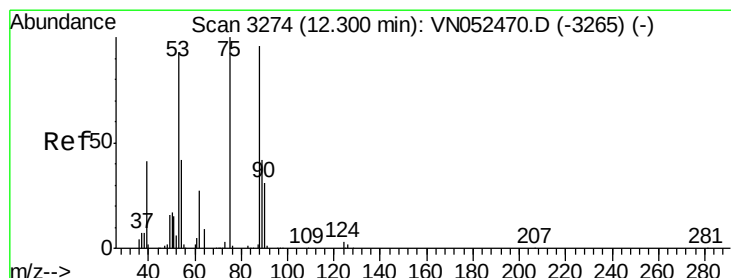
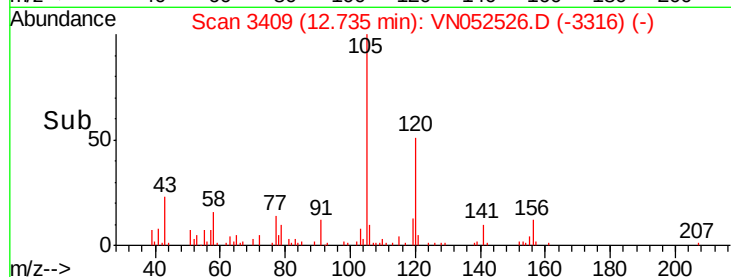
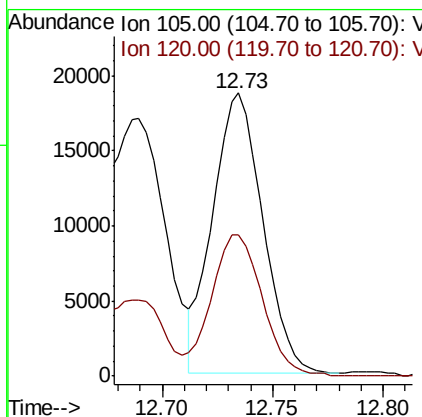
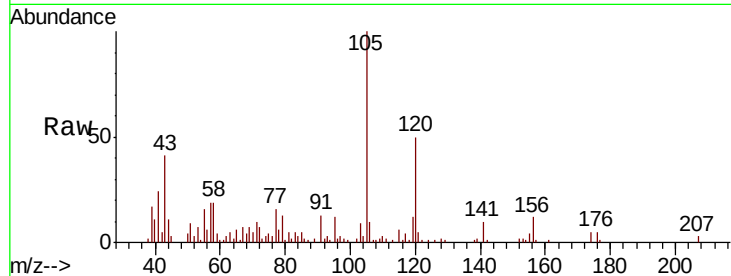




#80
 1,3,5-Trimethylbenzene
 Concen: 0.599 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

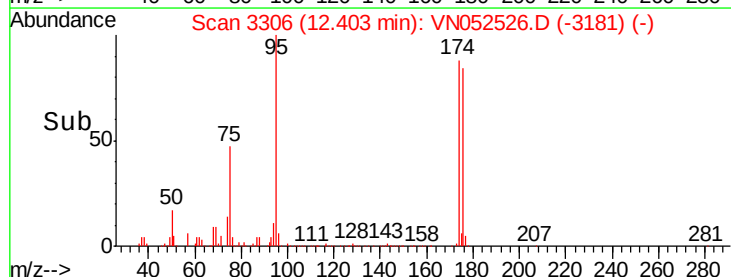
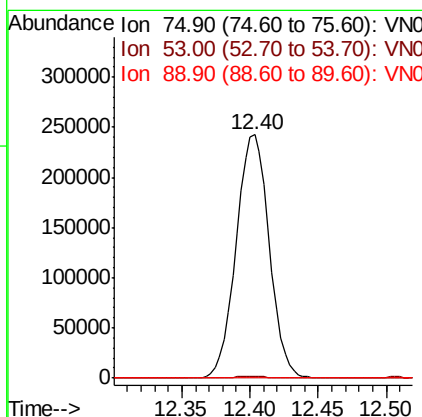
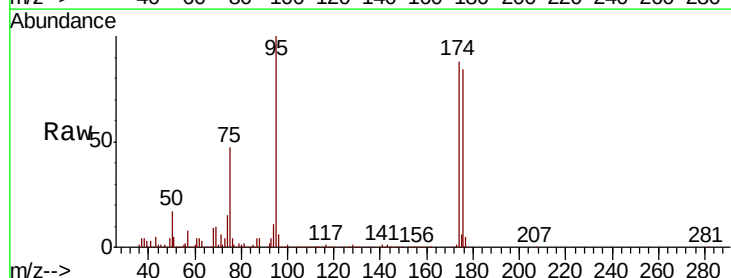
Instrument :
 MSVOA_N
 ClientSampled :
 30003

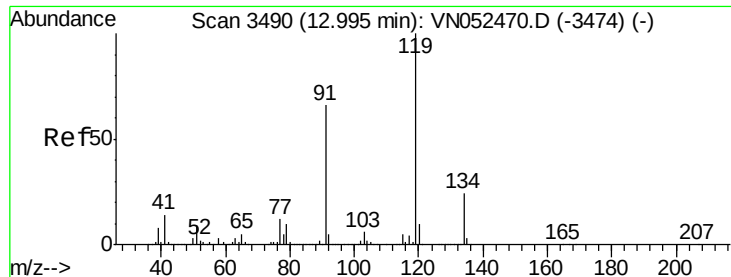
Tot Ion:105 Resp: 29411
 Ion Ratio Lower Upper
 105 100
 120 51.6 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.336 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

Tgt Ion: 75 Resp: 406922
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.4 116.0#
 89 0.1 35.4 53.2#

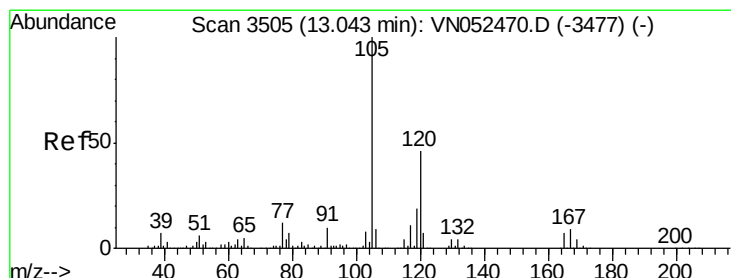
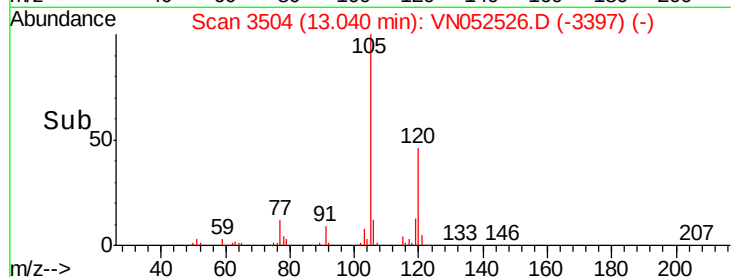
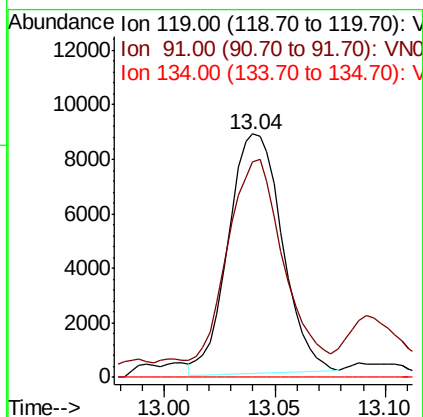
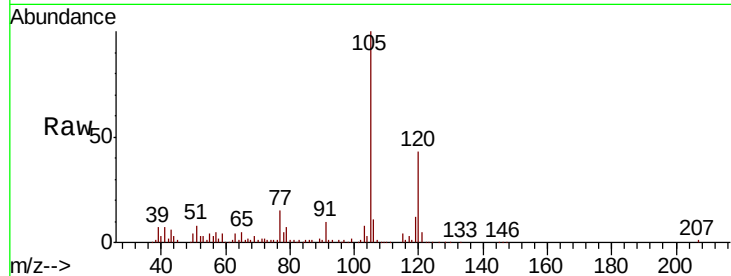




#83
 tert-Butylbenzene
 Concen: 0.338 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

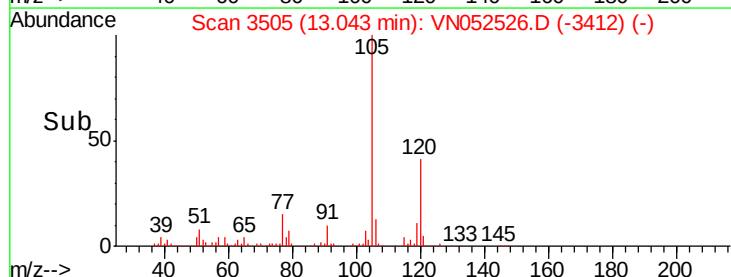
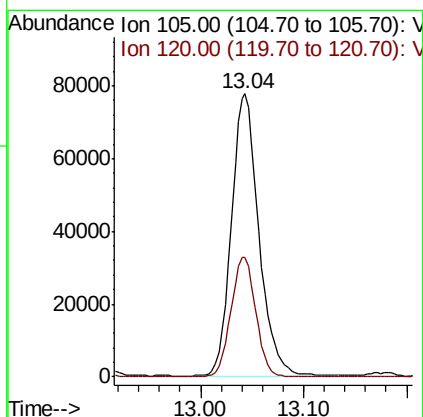
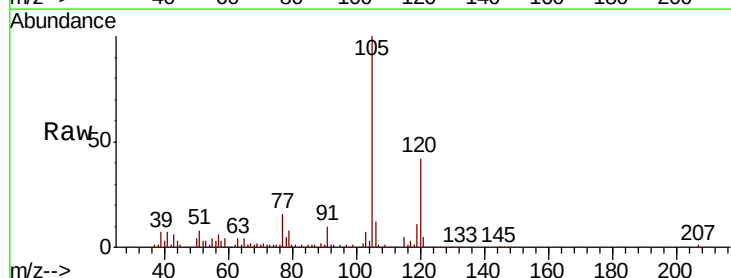
Instrument :
 MSVOA_N
 ClientSampleId :
 30003

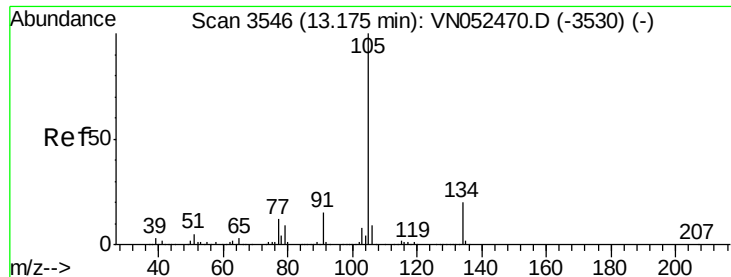
Tot Ion:119 Resp: 14810
 Ion Ratio Lower Upper
 119 100
 91 89.9 32.3 96.9
 134 0.0 13.0 38.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.922 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

Tgt Ion:105 Resp: 143756
 Ion Ratio Lower Upper
 105 100
 120 38.5 22.8 68.4

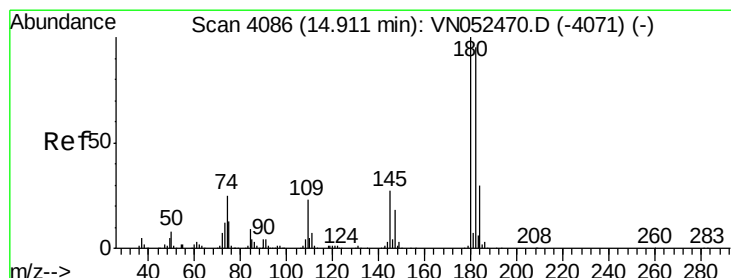
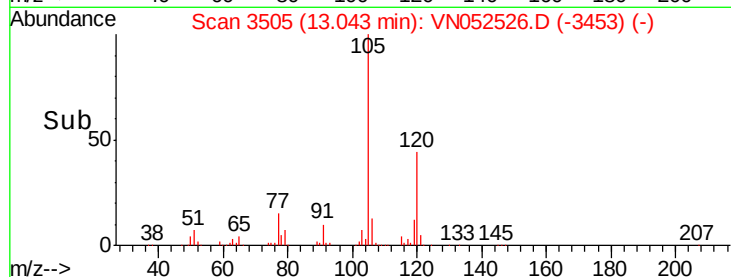
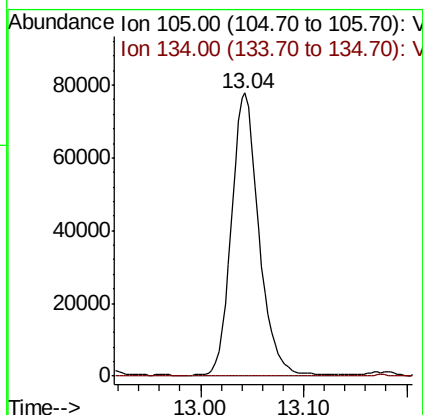
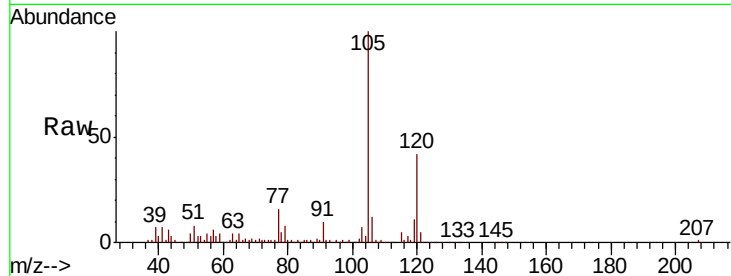




#85
 sec-Butylbenzene
 Concen: 2.412 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.13 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

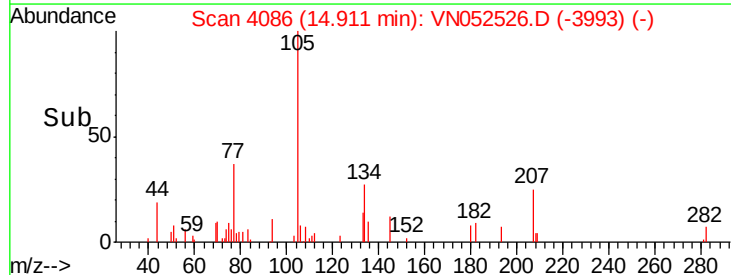
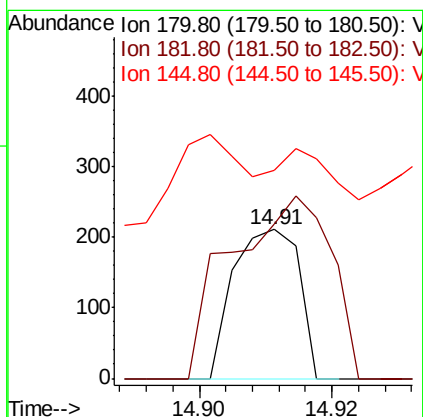
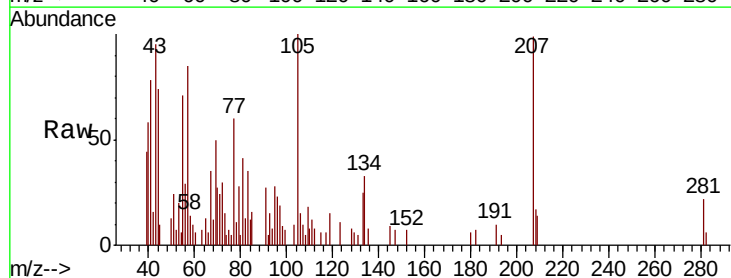
Instrument :
 MSVOA_N
 ClientSampled :
 30003

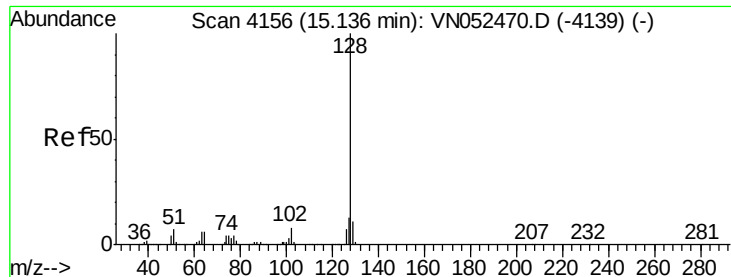
Tot Ion:105 Resp: 143756
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.839 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052526.D
 Acq: 28 Nov 2018 18:08

Tgt Ion:180 Resp: 144
 Ion Ratio Lower Upper
 180 100
 182 188.2 47.8 143.4#
 145 323.6 14.1 42.3#





#95

Naphthalene

Concen: 11.643 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

30003

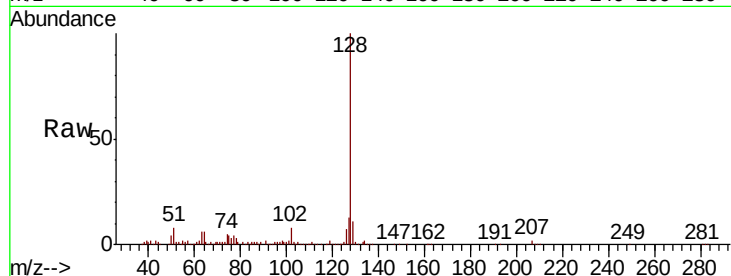
Tot Ion:128 Resp: 260478

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

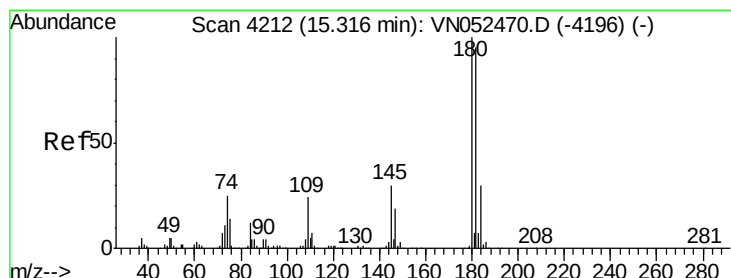
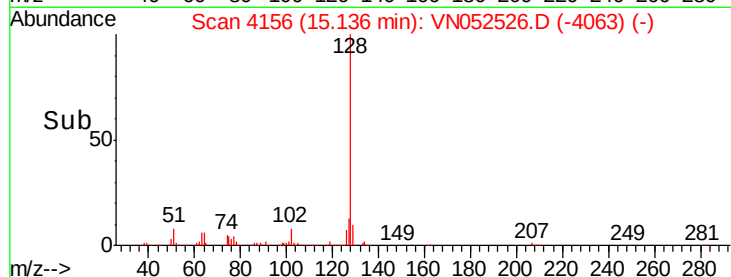
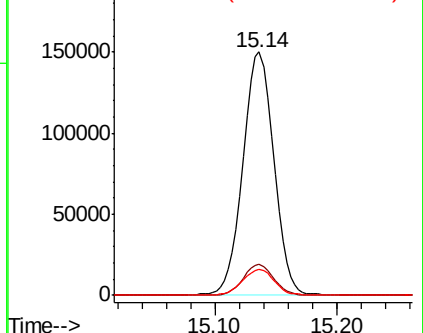
129 11.5 8.7 13.1



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: 2.731 ug/l

RT: 15.33 min Scan# 4215

Delta R.T. 0.01 min

Lab File: VN052526.D

Acq: 28 Nov 2018 18:08

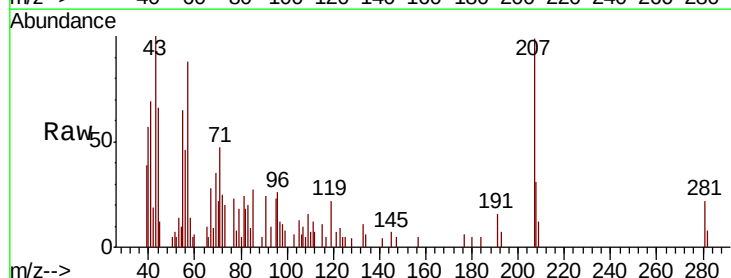
Tgt Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 328.3 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

