

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120718\
 Data File : VN052726.D
 Acq On : 7 Dec 2018 14:59
 Operator : MD\SY
 Sample : J6019-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Dec 07 22:19:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1144654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1760974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1525555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	599782	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	599812	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
35) Dibromofluoromethane	7.59	113	541605	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	10.09	98	2134961	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.40	95	685256	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	361	0.579	ug/l #	73
13) Acrolein	3.57	56	42324	39.029	ug/l #	1
14) Allyl chloride	4.43	41	16863	0.912	ug/l #	1
15) Acrylonitrile	5.06	53	8142	2.061	ug/l #	24
16) Acetone	3.81	43	59943	18.235	ug/l #	57
18) Methyl Acetate	4.54	43	207772	22.034	ug/l #	52
19) Methyl tert-butyl Ether	5.05	73	38618	1.354	ug/l #	1
23) Vinyl Acetate	5.93	43	13134	0.543	ug/l #	73
25) 2-Butanone	6.83	43	5207	1.118	ug/l #	50
28) Bromochloromethane	7.40	49	4331	0.428	ug/l #	14
30) Chloroform	7.39	83	13163	0.595	ug/l #	54
31) Cyclohexane	7.66	56	192560	8.674	ug/l #	86
36) 1,1-Dichloropropene	7.66	75	79310	4.769	ug/l #	49
37) Ethyl Acetate	6.83	43	5207	0.513	ug/l #	70
38) Carbon Tetrachloride	7.67	117	100176	6.654	ug/l #	15
39) Methylcyclohexane	9.08	83	69694	3.448	ug/l	91
40) Benzene	8.04	78	6249350	126.100	ug/l	100
41) Methacrylonitrile	7.20	41	4852	0.874	ug/l #	19
42) 1,2-Dichloroethane	8.04	62	49202	3.279	ug/l #	70
43) Isopropyl Acetate	8.15	43	20285	1.181	ug/l #	51
47) Bromodichloromethane	9.39	83	4558	0.287	ug/l #	25
48) Methyl methacrylate	9.22	41	2250	0.251	ug/l #	13
52) Toluene	10.16	92	188776	6.411	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	23075	2.228	ug/l #	19
56) Ethyl methacrylate	10.43	69	2711	2.872	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.67	63	1627	0.216	ug/l #	49
59) 2-Hexanone	10.88	43	3236	0.500	ug/l	70
65) Chlorobenzene	11.43	112	6333	0.201	ug/l	94
67) Ethyl Benzene	11.51	91	280914	5.100	ug/l	99
68) m/p-Xylenes	11.62	106	148834	7.258	ug/l	99
69) o-Xylene	11.95	106	11407	0.573	ug/l	97
71) Bromoform	12.40	173	4656	0.643	ug/l #	1
73) Isopropylbenzene	12.25	105	1017339	21.619	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	326586	35.311	ug/l #	100

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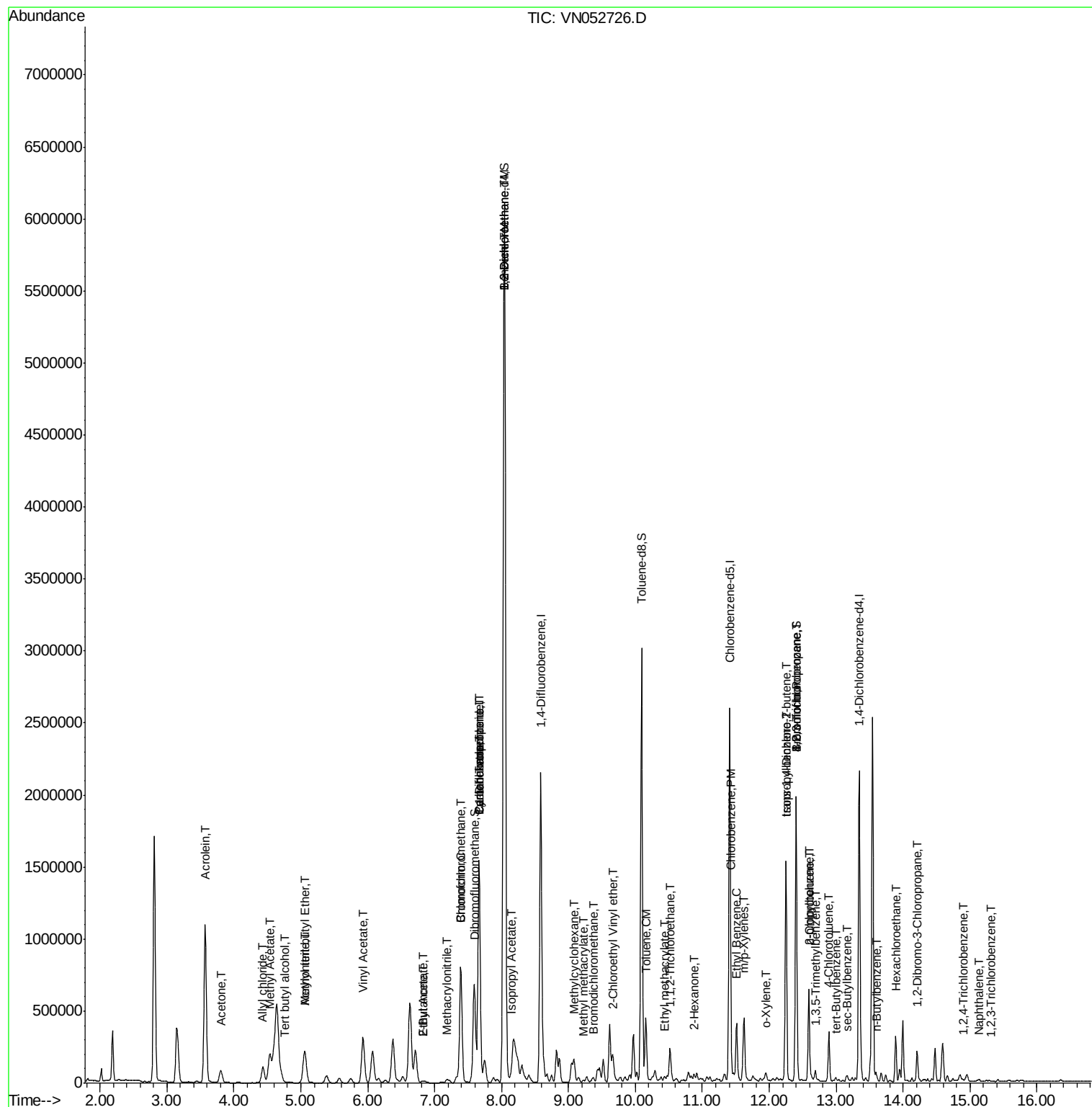
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.59	91	517097	9.673	ug/l	99
79) 2-Chlorotoluene	12.59	91	517097	16.243	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.69	105	47765	1.273	ug/l	73
81) trans-1,4-Dichloro-2-buten	12.25	75	11152	4.027	ug/l #	63
82) 4-Chlorotoluene	12.89	91	27456	0.856	ug/l #	41
83) tert-Butylbenzene	13.00	119	13695	0.409	ug/l	97
85) sec-Butylbenzene	13.17	105	21415	0.470	ug/l #	49
89) n-Butylbenzene	13.62	91	16808	0.521	ug/l #	73
90) Hexachloroethane	13.89	117	18210	2.771	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.21	75	603	0.394	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	326	2.858	ug/l #	1
95) Naphthalene	15.14	128	16062	4.091	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	621	2.787	ug/l #	48

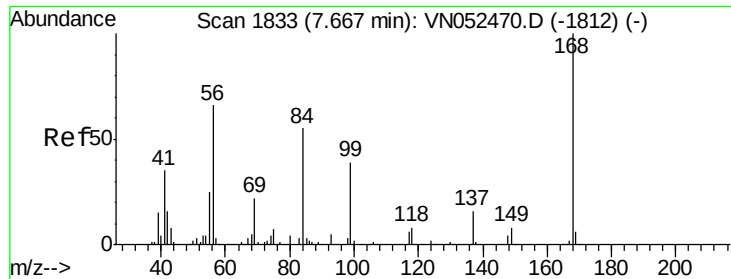
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

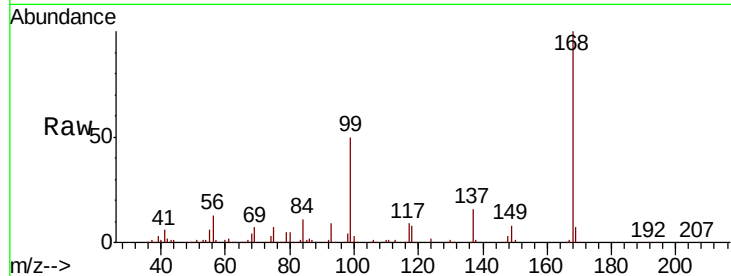
MW-7

Tot Ion:168 Resp: 1144654

Ion Ratio Lower Upper

168 100

99 50.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

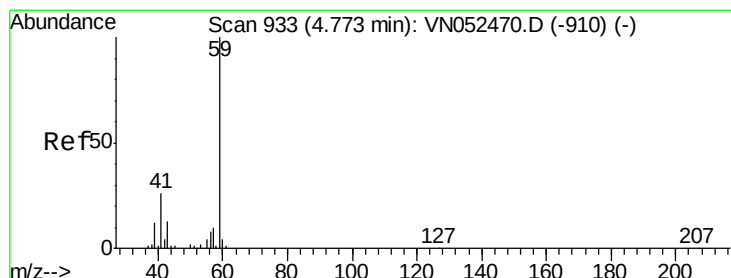
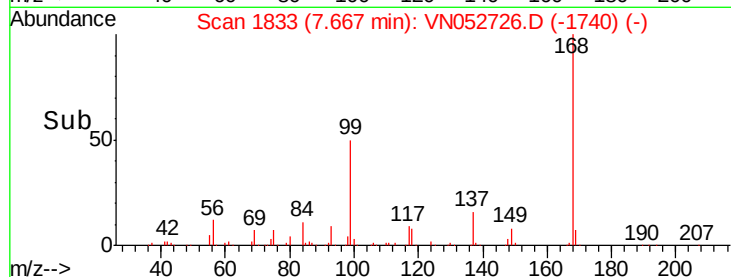
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.579 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN052726.D

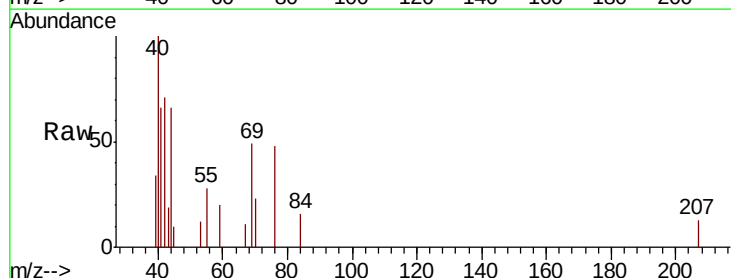
Acq: 7 Dec 2018 14:59

Tgt Ion: 59 Resp: 361

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

500

400

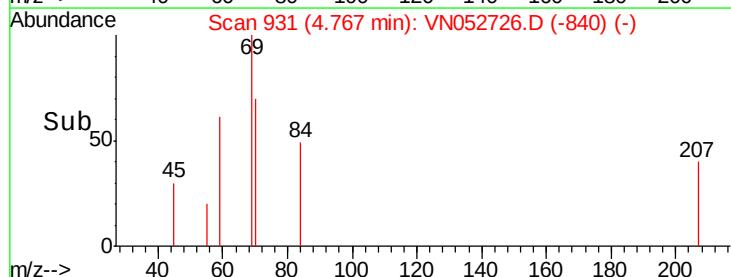
300

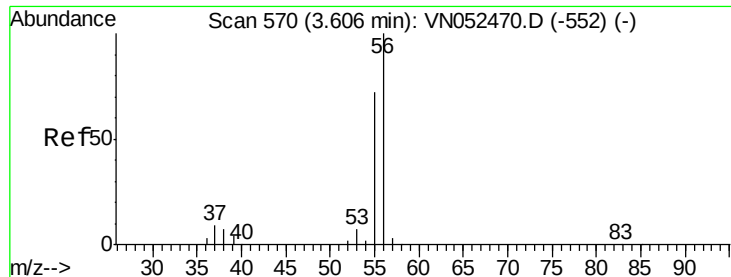
200

100

0

Time-->





#13

Acrolein

Concen: 39.029 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.04 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

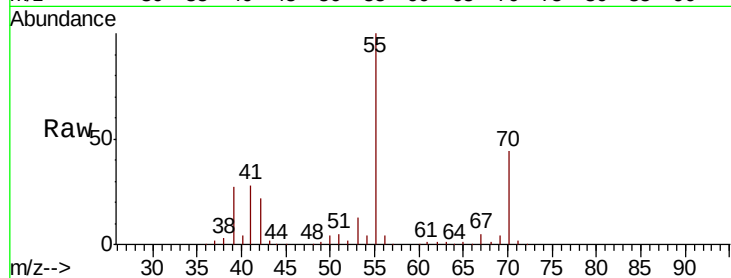
MW-7

Tot Ion: 56 Resp: 42324

Ion Ratio Lower Upper

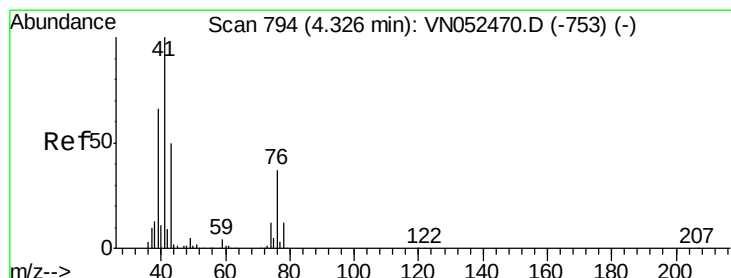
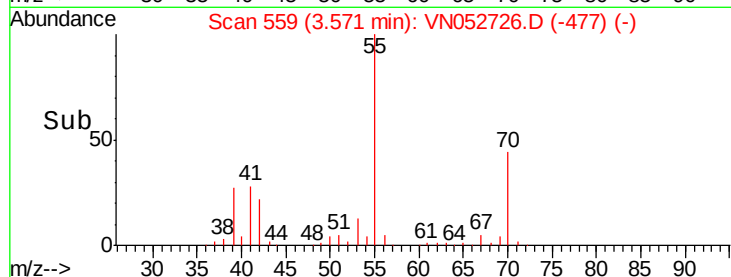
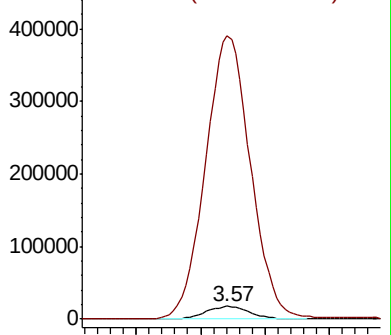
56 100

55 2247.3 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.912 ug/l

RT: 4.43 min Scan# 826

Delta R.T. 0.10 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

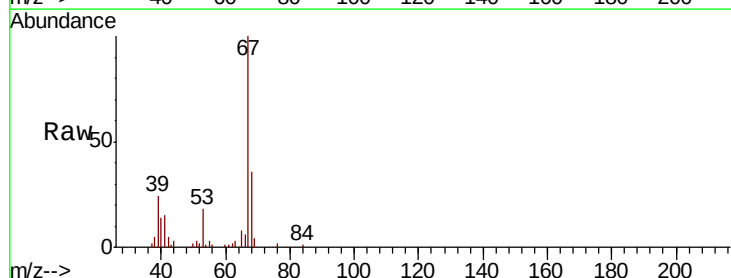
Tgt Ion: 41 Resp: 16863

Ion Ratio Lower Upper

41 100

39 195.6 50.6 76.0#

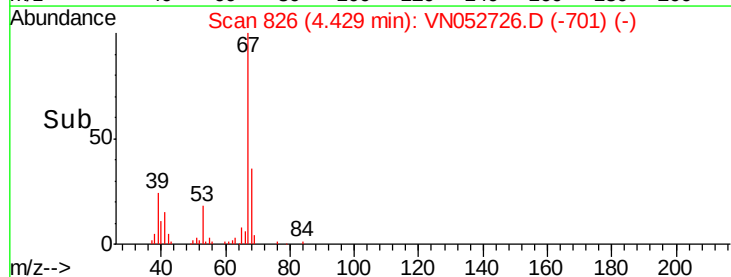
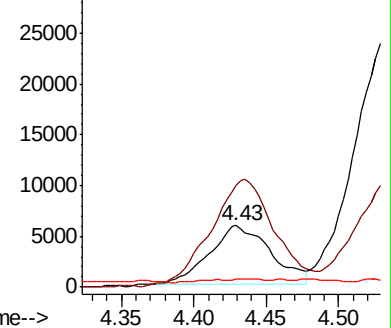
76 1.7 27.4 41.2#

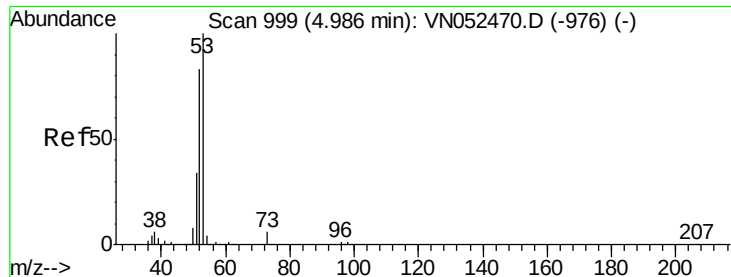


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 2.061 ug/l

RT: 5.06 min Scan# 1021

Delta R.T. 0.07 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

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ClientSampled :

MW-7

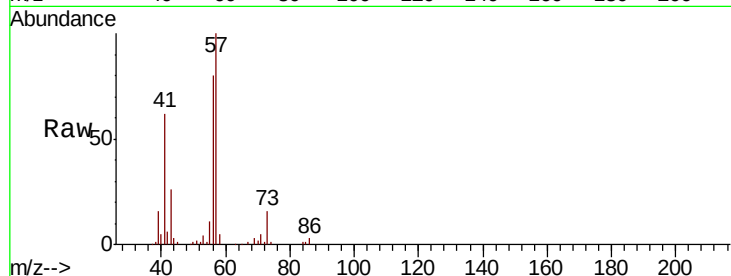
Tot Ion: 53 Resp: 8142

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

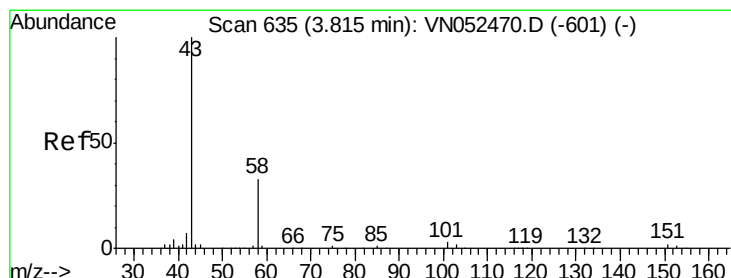
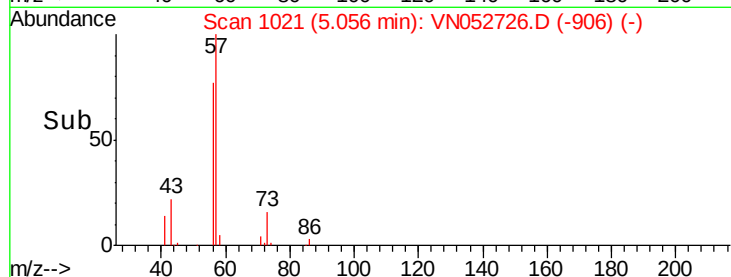
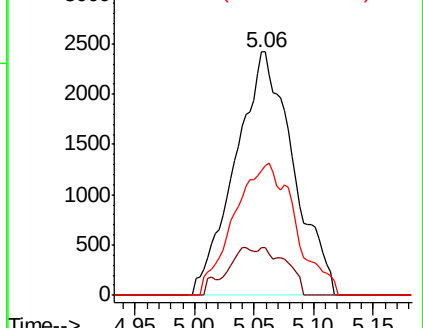
51 57.6 28.1 42.1#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 18.235 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN052726.D

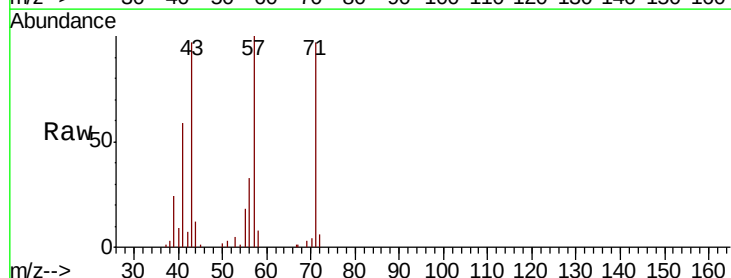
Acq: 7 Dec 2018 14:59

Tgt Ion: 43 Resp: 59943

Ion Ratio Lower Upper

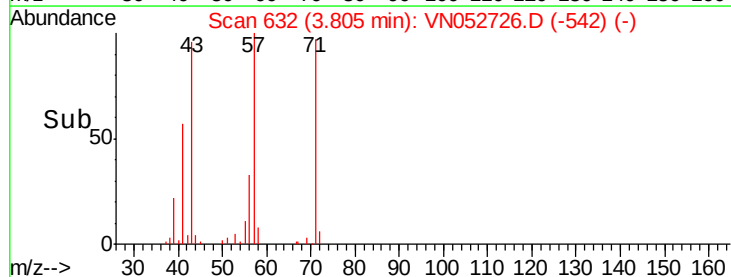
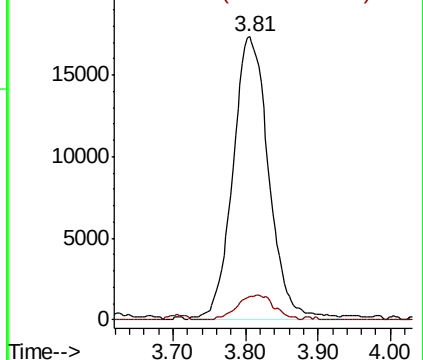
43 100

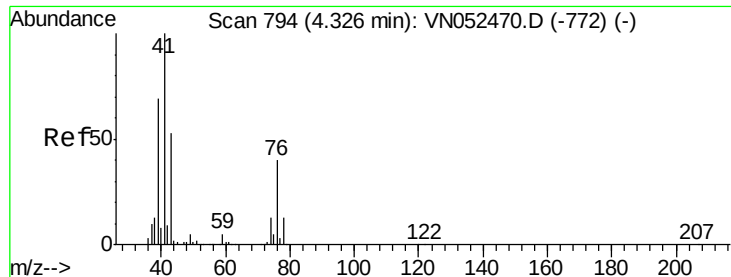
58 8.3 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

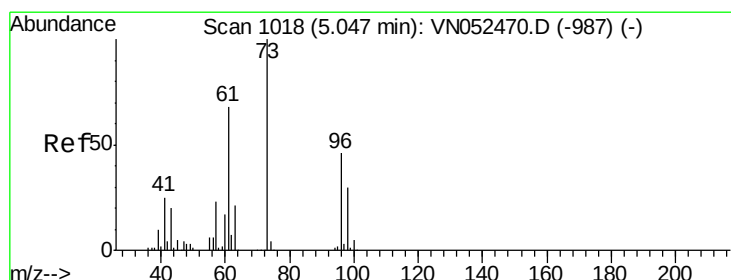
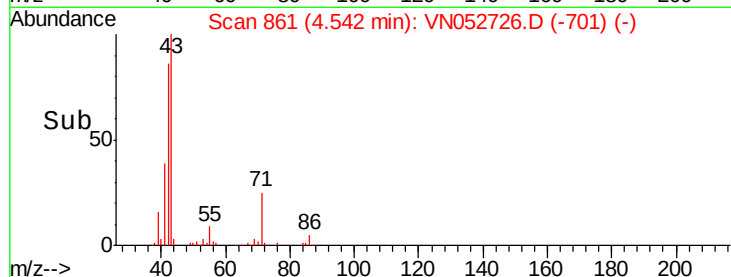
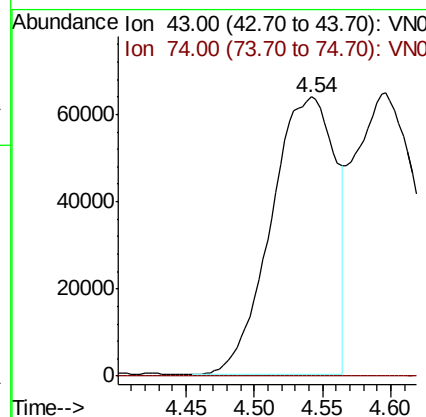
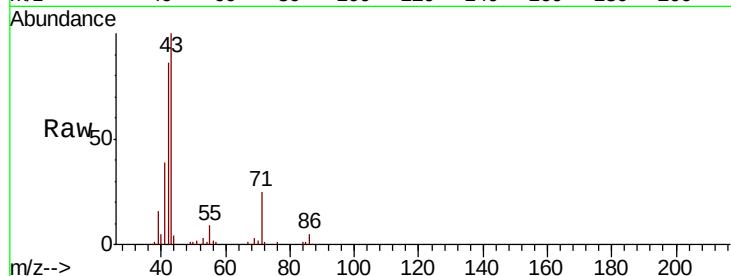




#18
Methyl Acetate
Concen: 22.034 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.22 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

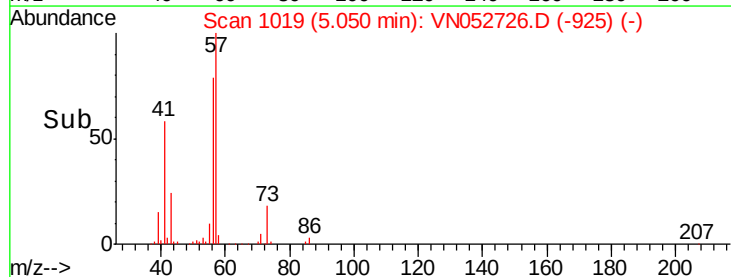
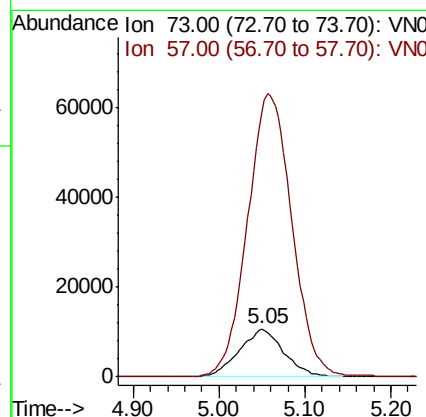
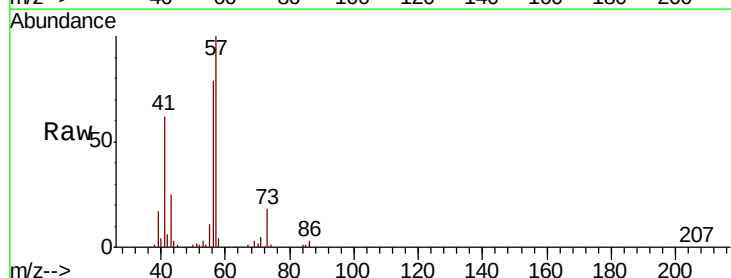
Instrument :
MSVOA_N
ClientSampled :
MW-7

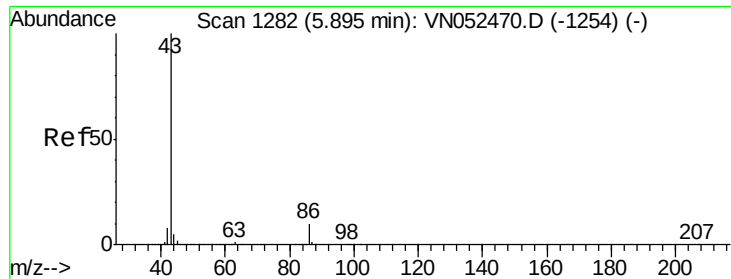
Tot Ion: 43 Resp: 207772
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#19
Methyl tert-butyl Ether
Concen: 1.354 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion: 73 Resp: 38618
Ion Ratio Lower Upper
73 100
57 546.2 18.2 27.2#

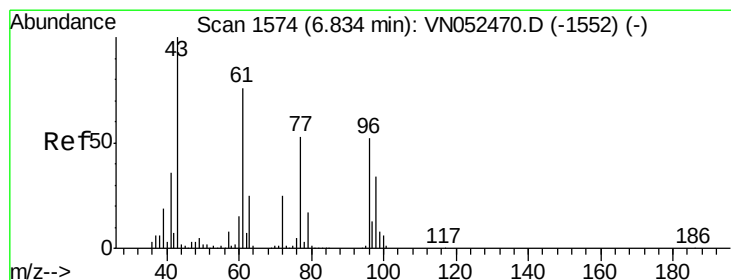
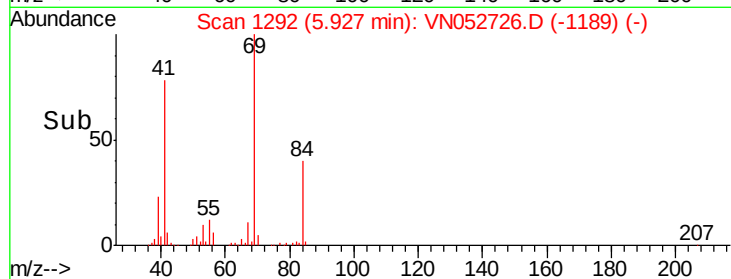
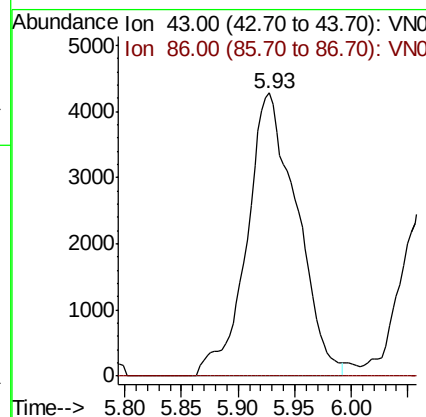
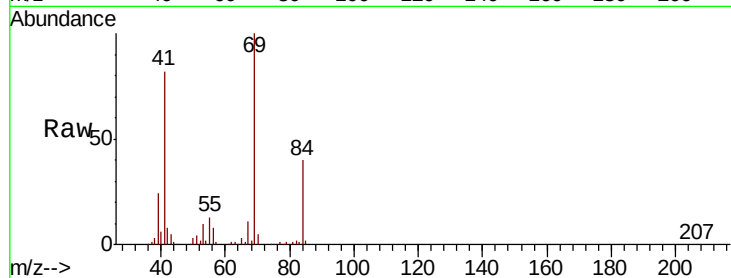




#23
 Vinyl Acetate
 Concen: 0.543 ug/l
 RT: 5.93 min Scan# 1292
 Delta R.T. 0.03 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

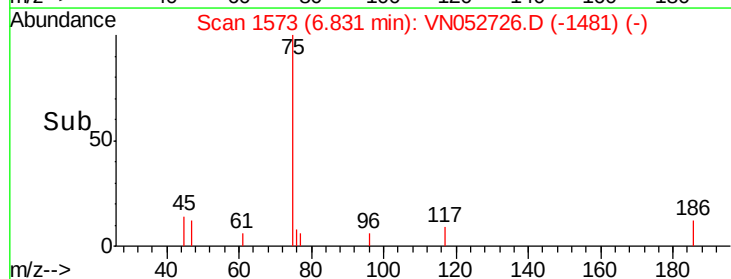
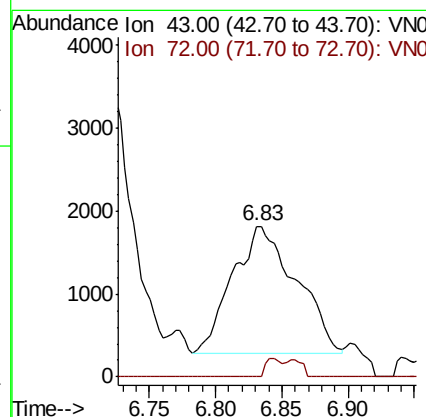
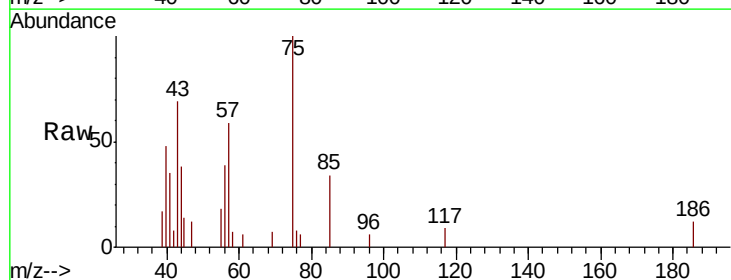
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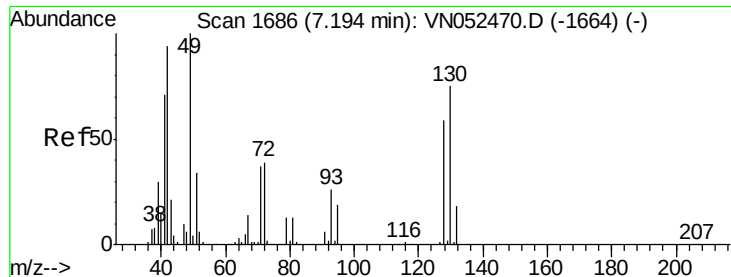
Tot Ion: 43 Resp: 13134
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 1.118 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

Tgt Ion: 43 Resp: 5207
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.1 30.1#

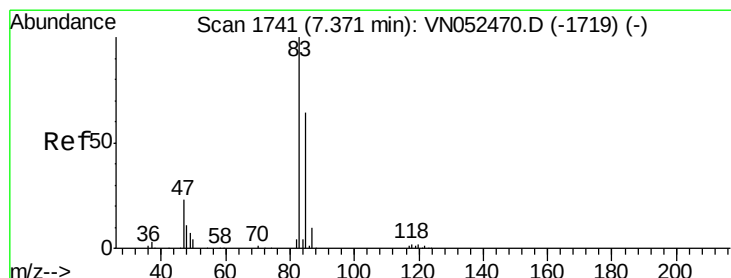
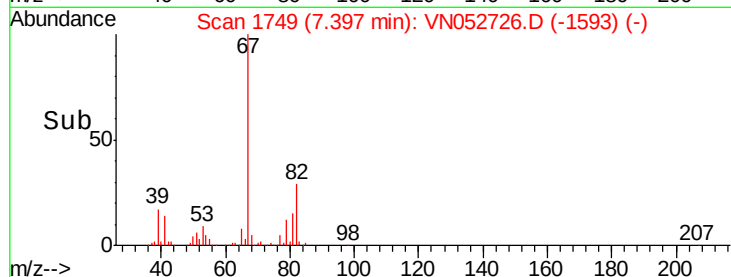
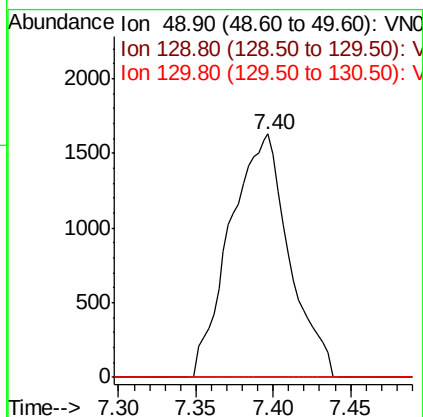
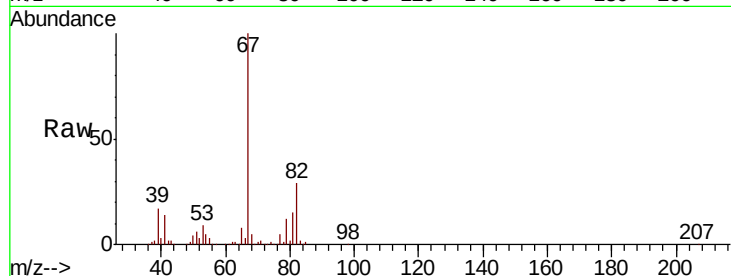




#28
Bromochloromethane
Concen: 0.428 ug/l
RT: 7.40 min Scan# 1749
Delta R.T. 0.20 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

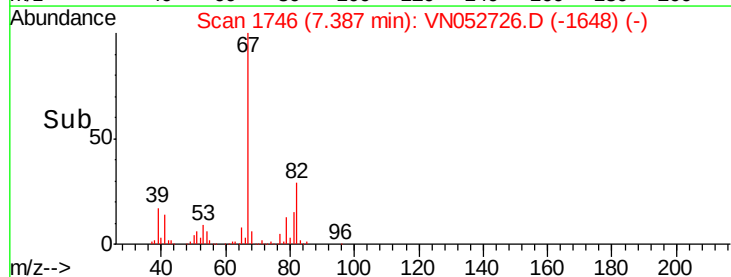
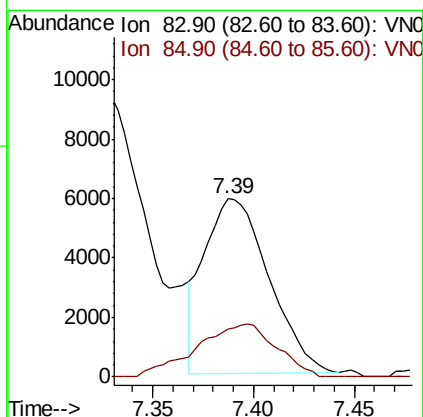
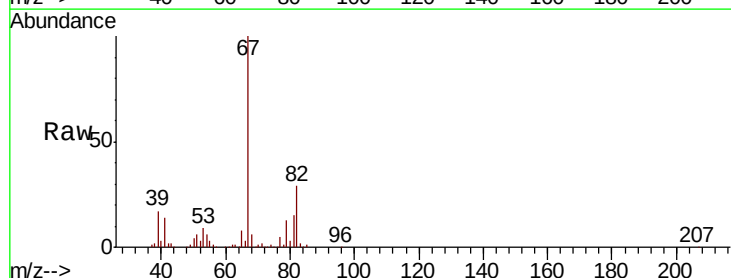
Instrument :
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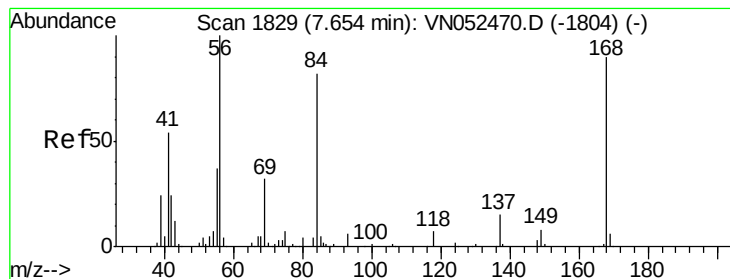
Tot Ion: 49 Resp: 4331
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 60.2 90.2#



#30
Chloroform
Concen: 0.595 ug/l
RT: 7.39 min Scan# 1746
Delta R.T. 0.02 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion: 83 Resp: 13163
Ion Ratio Lower Upper
83 100
85 27.7 51.0 76.4#





#31

Cyclohexane

Concen: 8.674 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

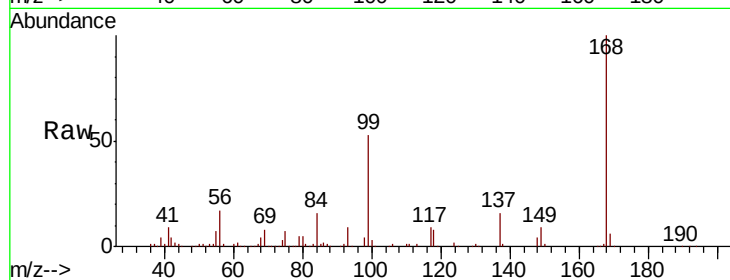
MSVOA_N

ClientSampleId :

MW-7

Tot Ion: 56 Resp: 192560

Ion	Ratio	Lower	Upper
56	100		
69	46.2	25.8	38.6#
84	89.9	65.3	97.9

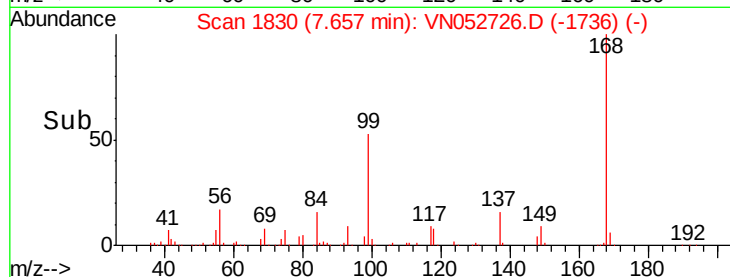


Abundance Ion 56.00 (55.70 to 56.70): VN052726.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN052726.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN052726.D (-1736) (-)

Time-->



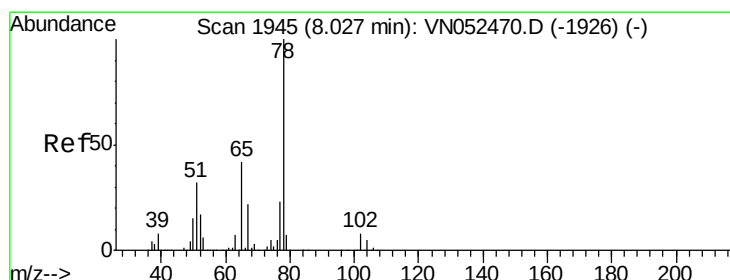
Abundance

Ion 56.00 (55.70 to 56.70): VN052726.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN052726.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN052726.D (-1736) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

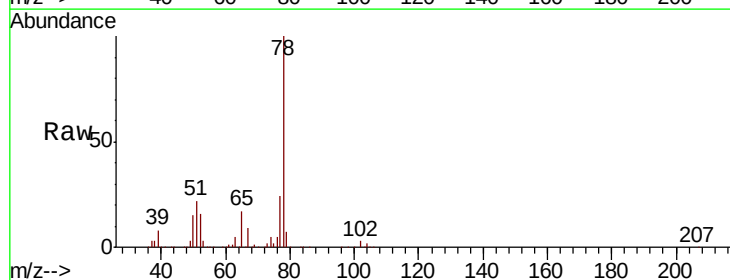
Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Tgt Ion: 65 Resp: 599812

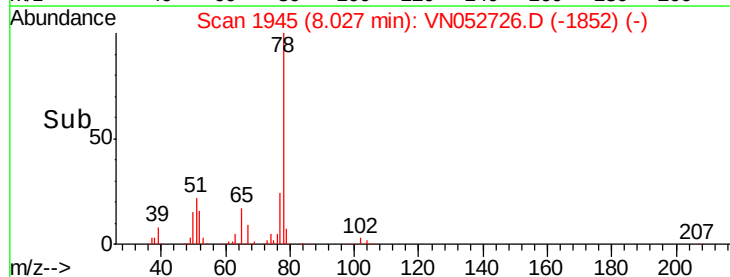
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052726.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052726.D (-1852) (-)

Time-->

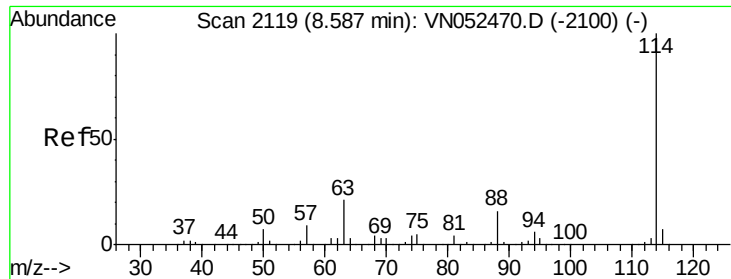


Abundance

Ion 64.90 (64.60 to 65.60): VN052726.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052726.D (-1852) (-)

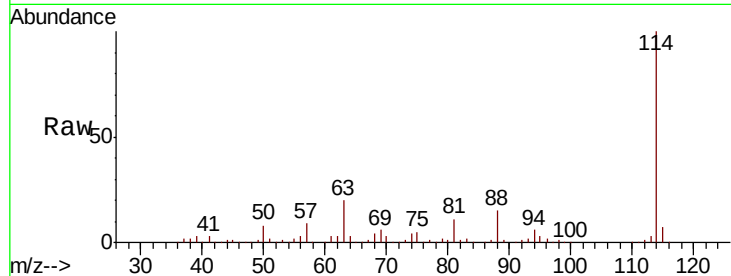
Time-->



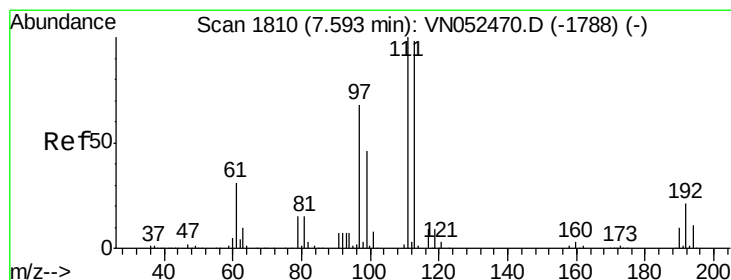
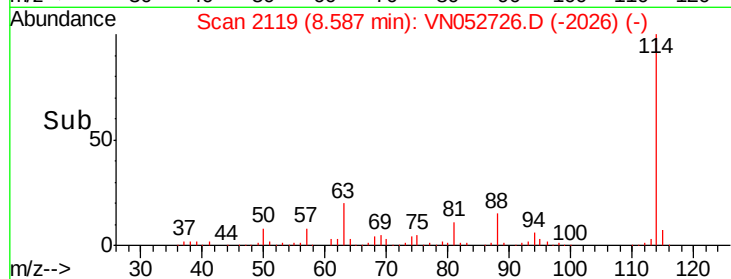
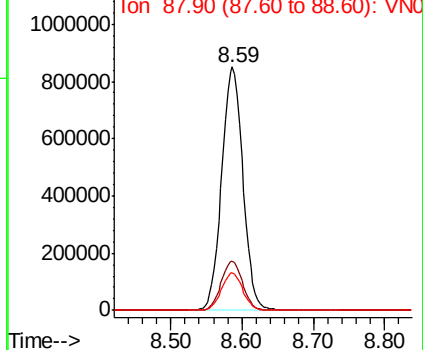
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tot Ion:114 Resp: 1760974
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.8
88 15.4 0.0 31.6

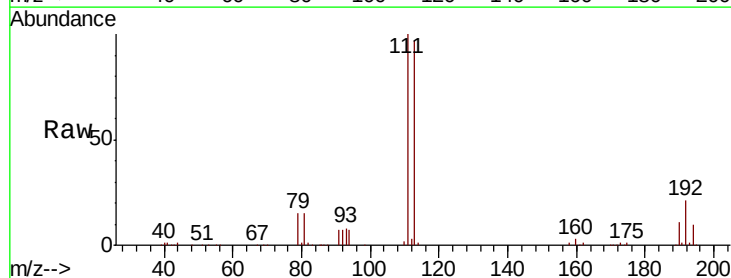


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

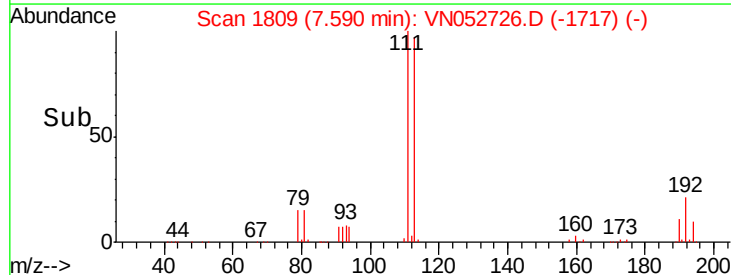
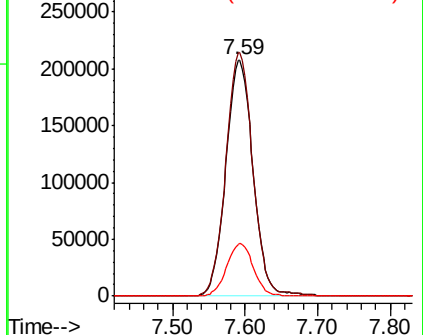


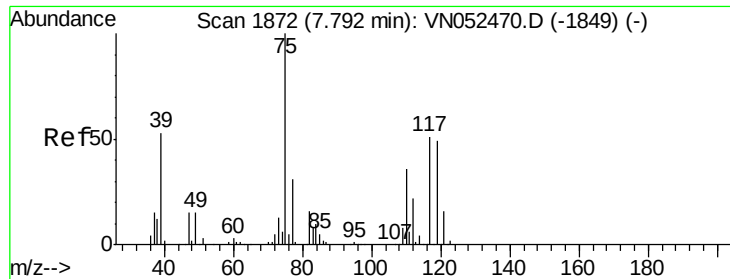
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion:113 Resp: 541605
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 21.9 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

MW-7

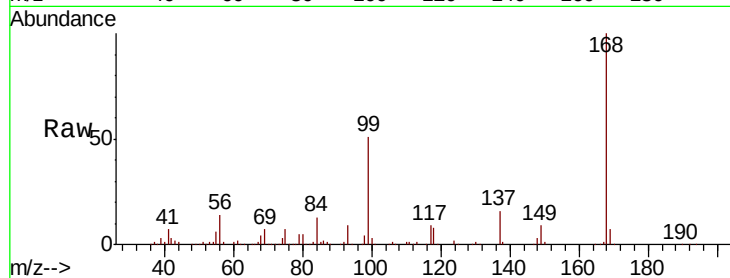
Tot Ion: 75 Resp: 79310

Ion Ratio Lower Upper

75 100

110 8.4 17.5 52.6#

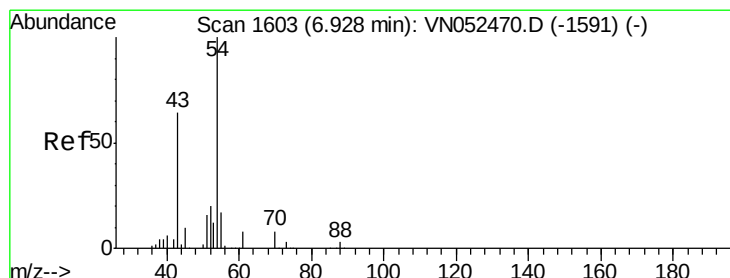
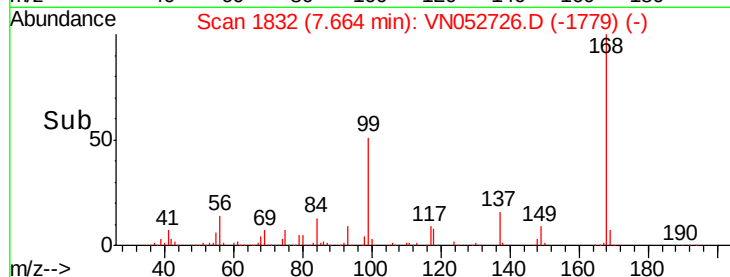
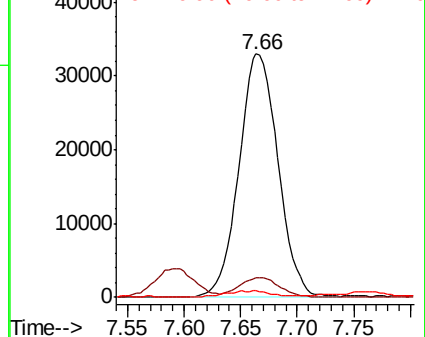
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.513 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.10 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

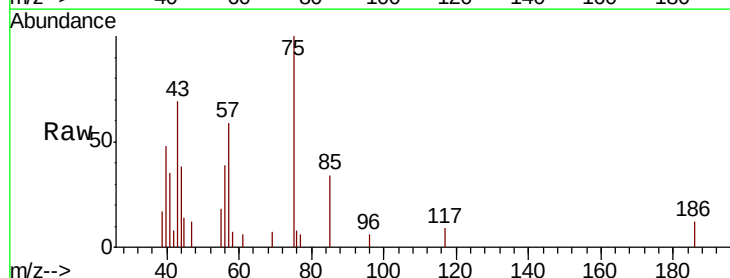
Tgt Ion: 43 Resp: 5207

Ion Ratio Lower Upper

43 100

61 1.2 11.8 17.8#

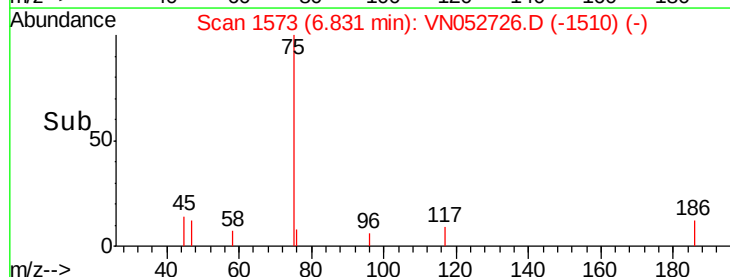
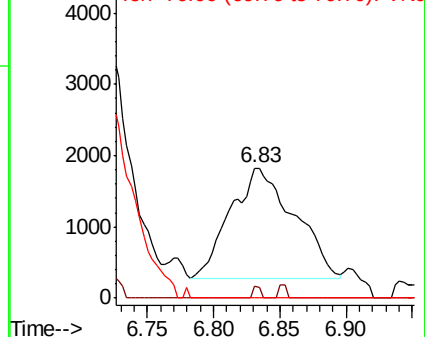
70 0.0 7.8 11.8#

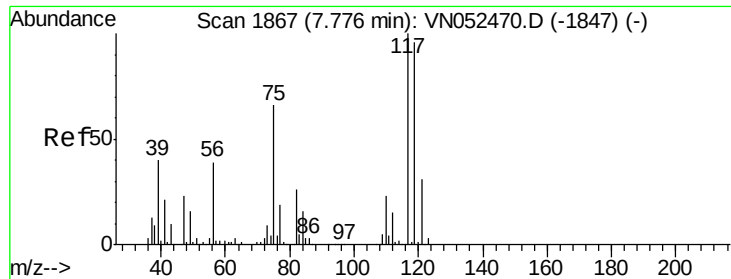


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

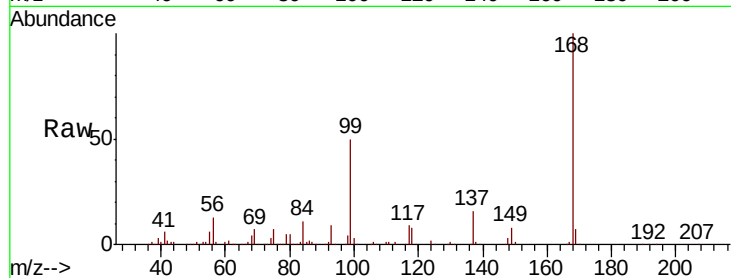




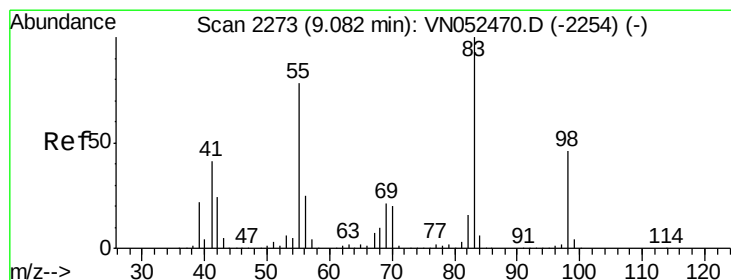
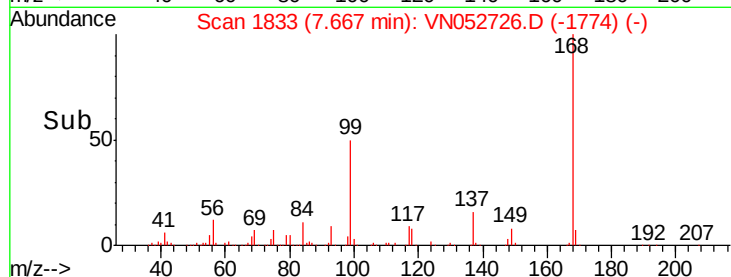
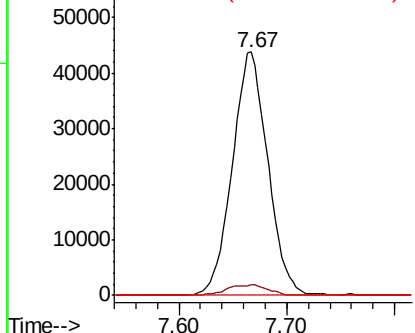
#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tot Ion:117 Resp: 100176
Ion Ratio Lower Upper
117 100
119 4.1 76.8 115.2#
121 0.0 24.9 37.3#

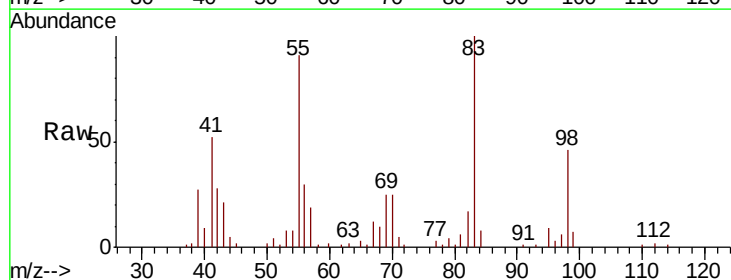


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

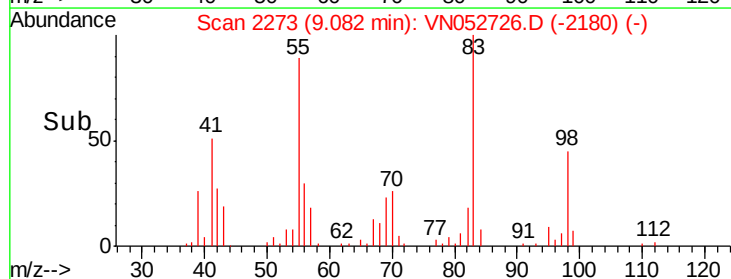
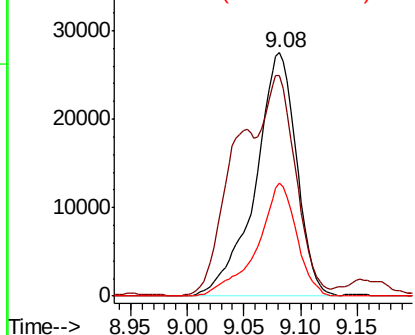


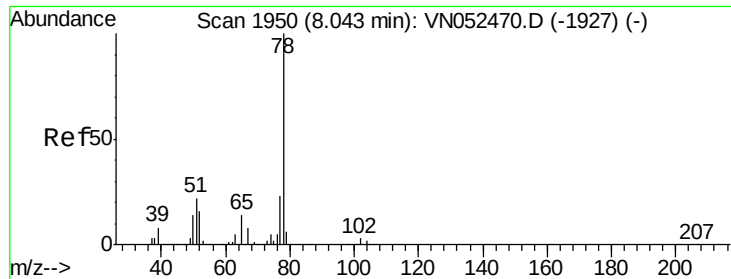
#39
Methylcyclohexane
Concen: 3.448 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion: 83 Resp: 69694
Ion Ratio Lower Upper
83 100
55 89.9 62.2 93.2
98 46.4 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V

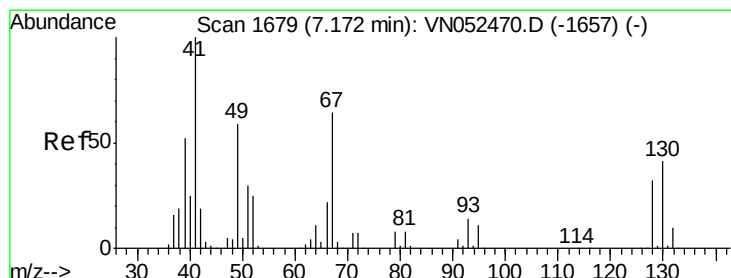
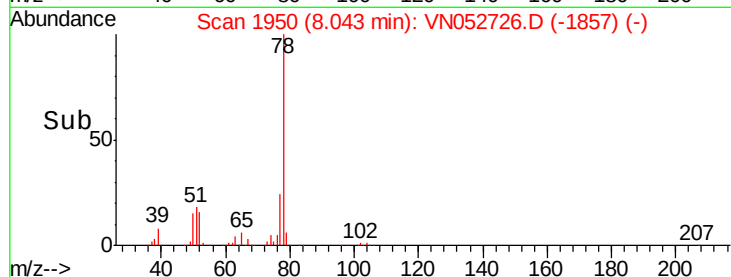
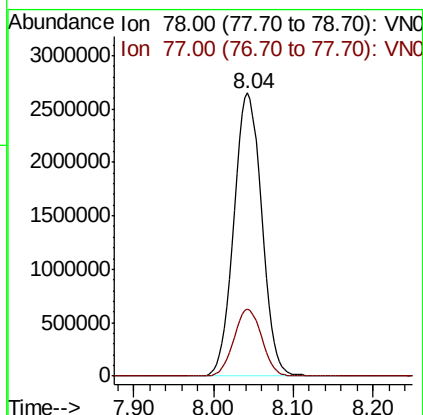
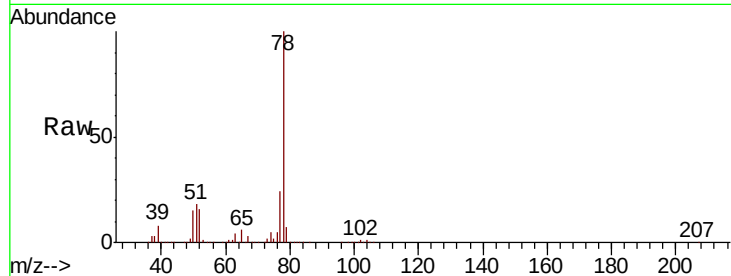




#40
Benzene
Concen: 126.100 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

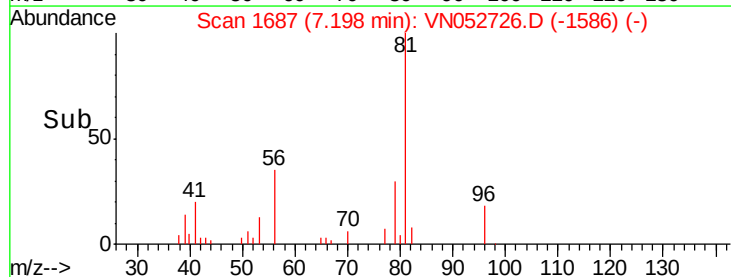
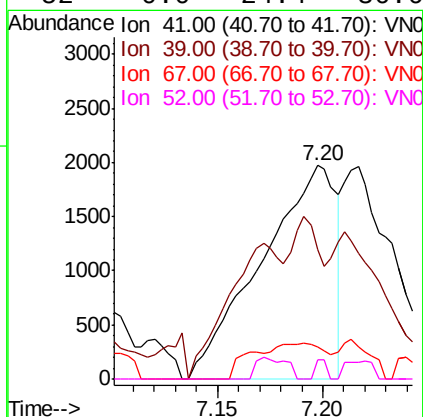
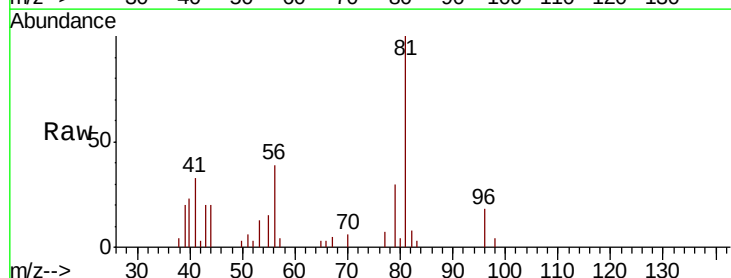
Instrument :
MSVOA_N
ClientSampleId :
MW-7

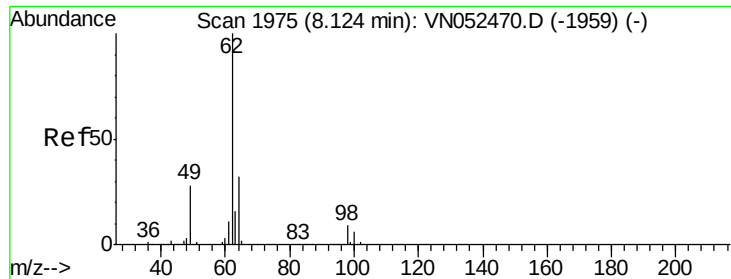
Tot Ion: 78 Resp: 6249350
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



#41
Methacrylonitrile
Concen: 0.874 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion: 41 Resp: 4852
Ion Ratio Lower Upper
41 100
39 0.0 50.9 76.3#
67 0.0 63.6 95.4#
52 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 3.279 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.08 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

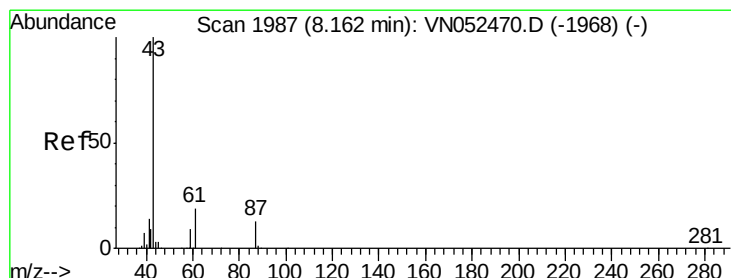
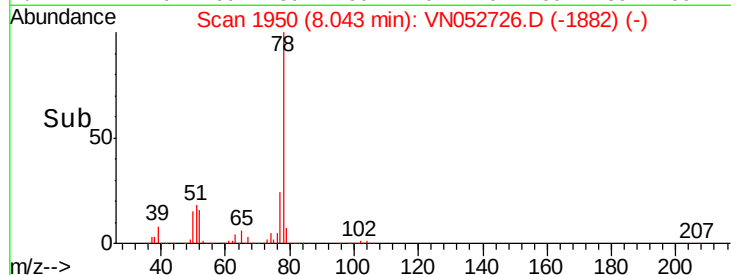
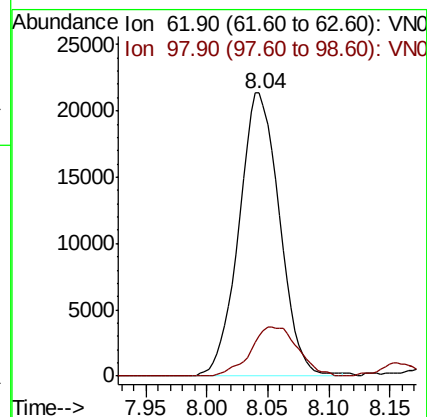
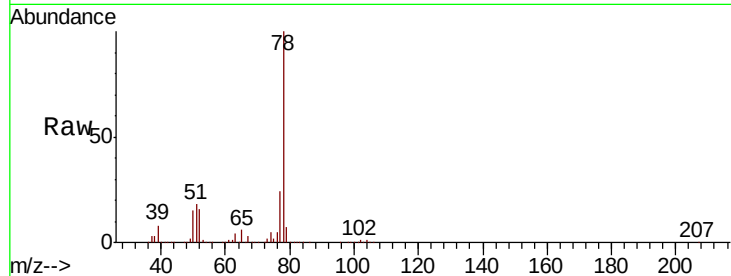
MW-7

Tot Ion: 62 Resp: 49202

Ion Ratio Lower Upper

62 100

98 20.3 0.0 18.6#



#43

Isopropyl Acetate

Concen: 1.181 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

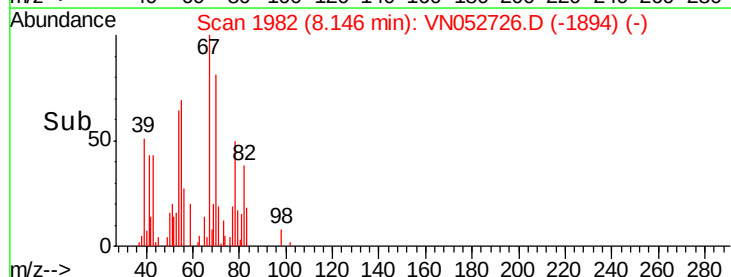
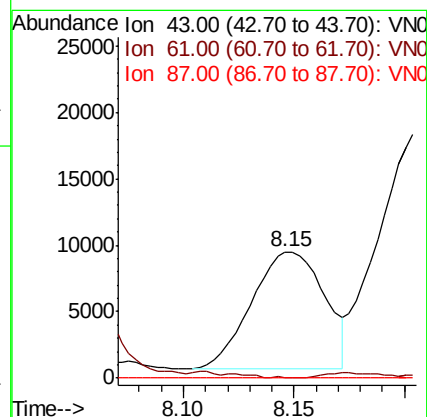
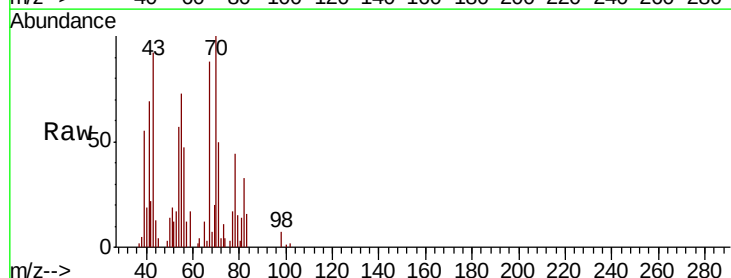
Tgt Ion: 43 Resp: 20285

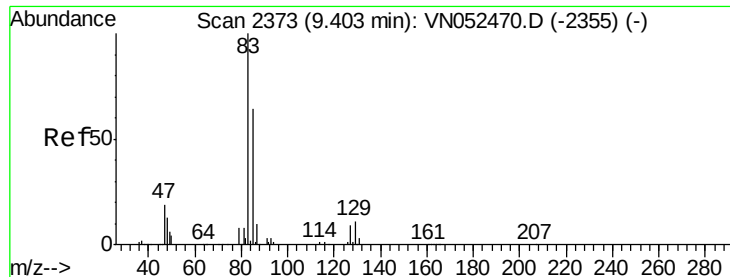
Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

87 0.0 10.6 15.8#





#47

Bromodichloromethane

Concen: 0.287 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.02 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

MW-7

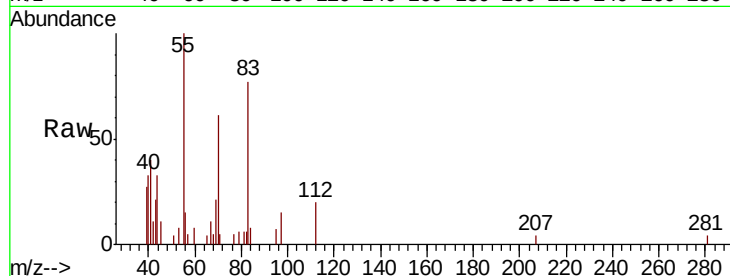
Tot Ion: 83 Resp: 4558

Ion Ratio Lower Upper

83 100

85 0.0 51.3 76.9#

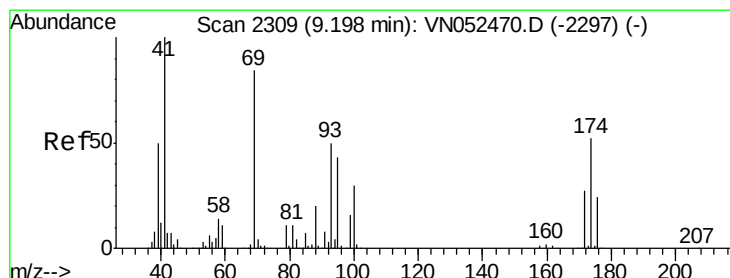
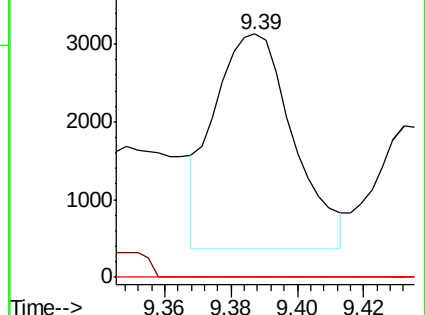
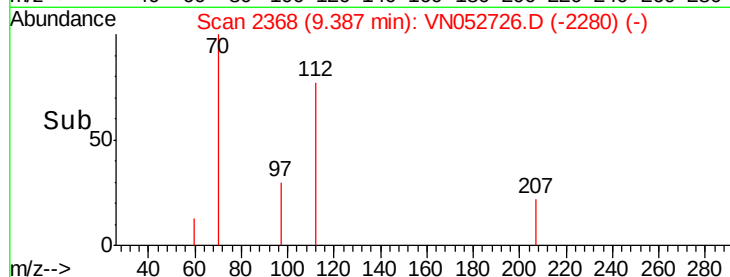
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.251 ug/l

RT: 9.22 min Scan# 2317

Delta R.T. 0.03 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

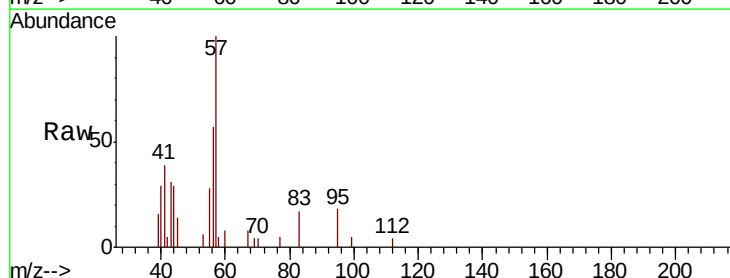
Tgt Ion: 41 Resp: 2250

Ion Ratio Lower Upper

41 100

69 0.0 70.0 105.0#

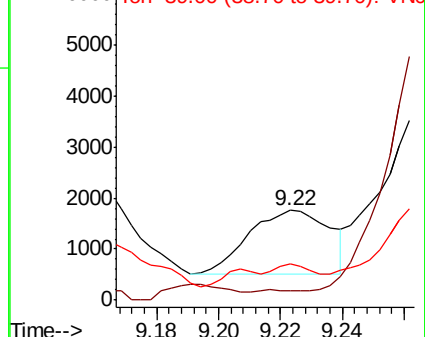
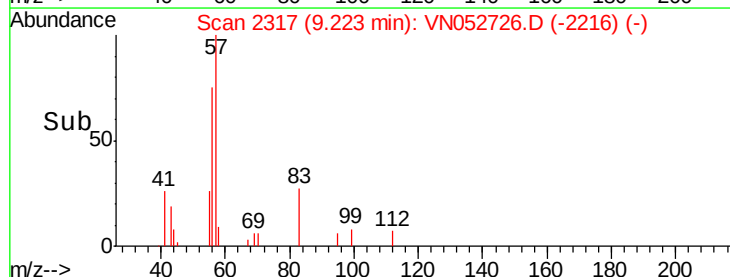
39 0.0 42.6 64.0#

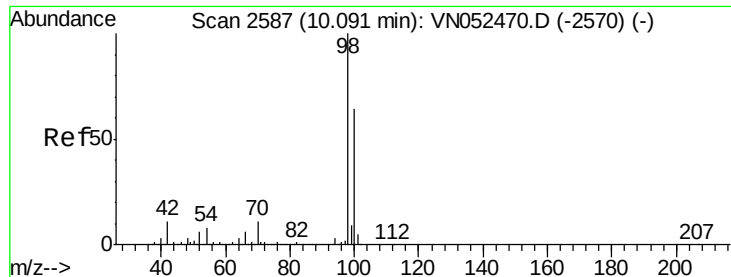


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

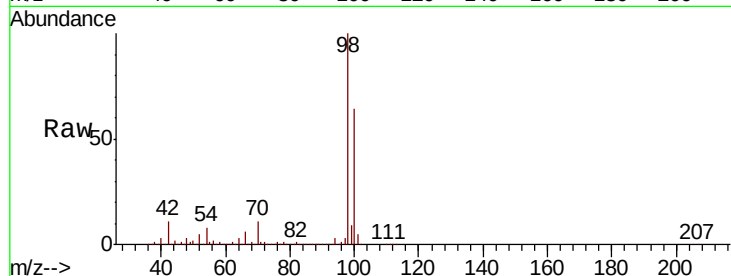
MW-7

Tot Ion: 98 Resp: 2134961

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

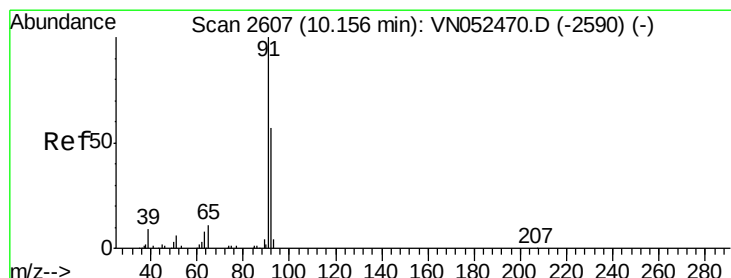
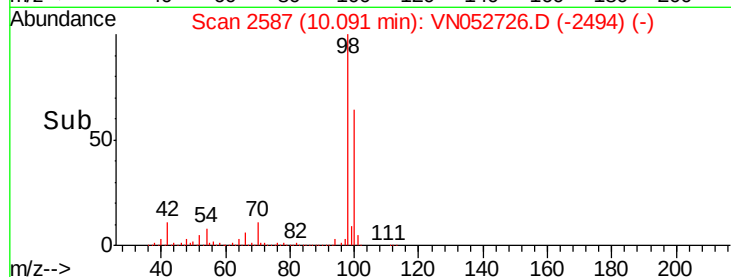
10.09

1000000

500000

0

Time-->



#52

Toluene

Concen: 6.411 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052726.D

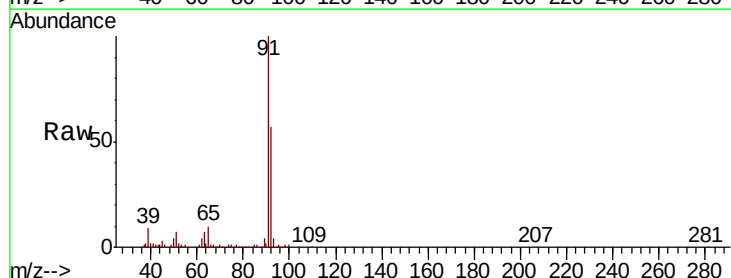
Acq: 7 Dec 2018 14:59

Tgt Ion: 92 Resp: 188776

Ion Ratio Lower Upper

92 100

91 176.4 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

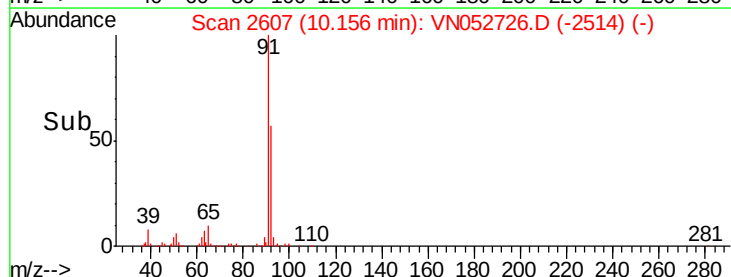
150000

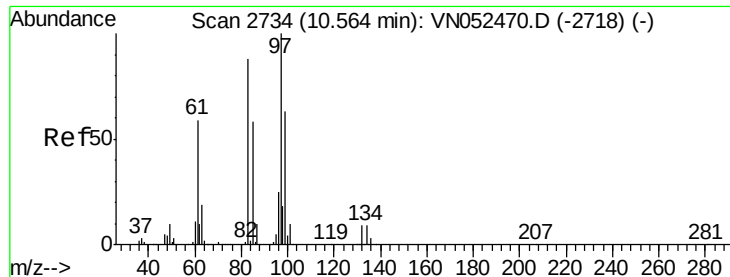
100000

50000

0

Time-->

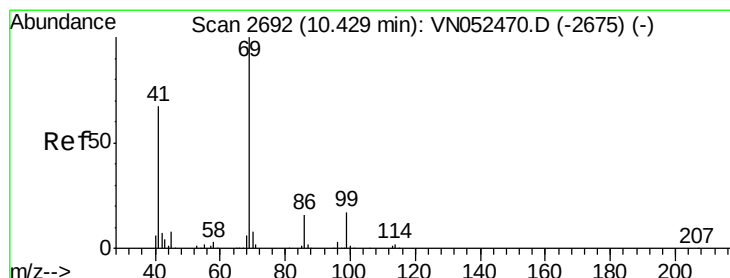
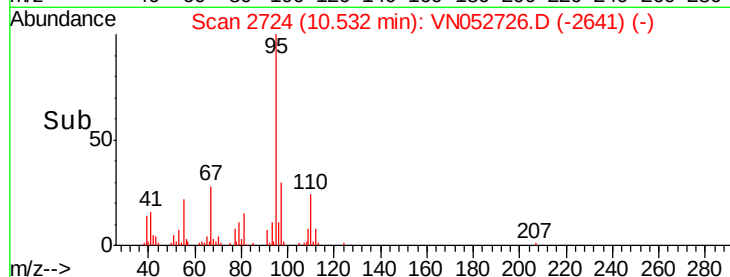
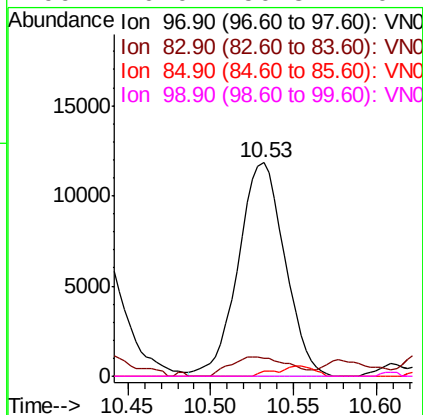
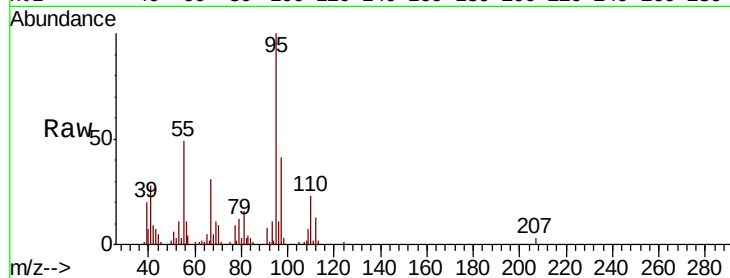




#55
 1,1,2-Trichloroethane
 Concen: 2.228 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

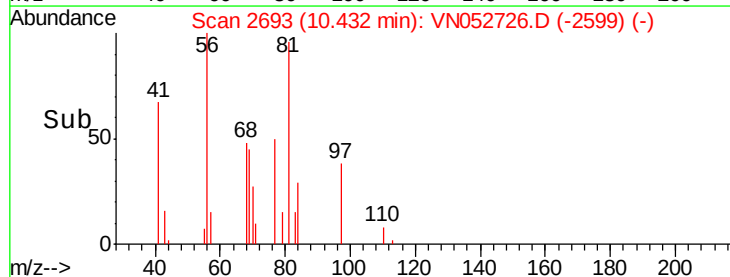
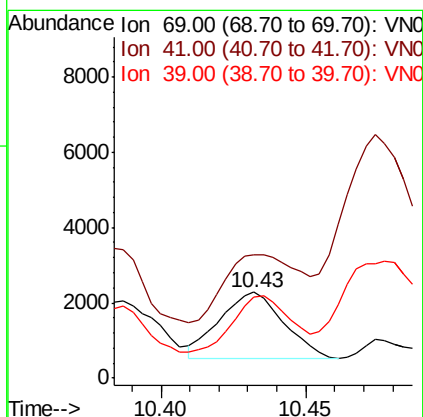
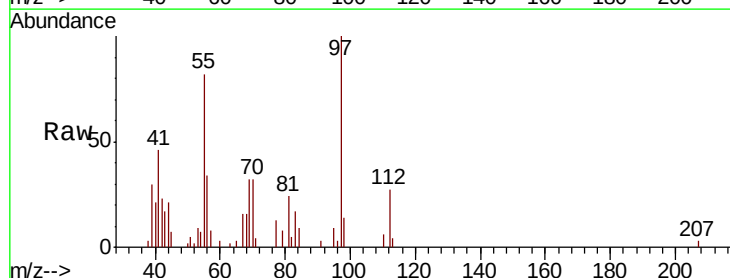
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7

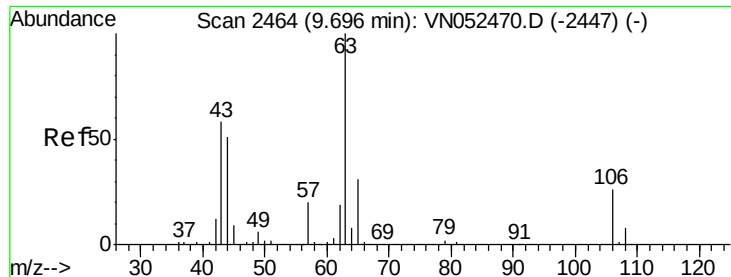
Tot Ion: 97 Resp: 23075
 Ion Ratio Lower Upper
 97 100
 83 8.7 70.7 106.1#
 85 2.2 46.1 69.1#
 99 0.0 50.8 76.2#



#56
 Ethyl methacrylate
 Concen: 2.872 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

Tgt Ion: 69 Resp: 2711
 Ion Ratio Lower Upper
 69 100
 41 170.5 52.6 79.0#
 39 75.0 25.9 38.9#





#58

2-Chloroethyl Vinyl ether

Concen: 0.216 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. -0.03 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

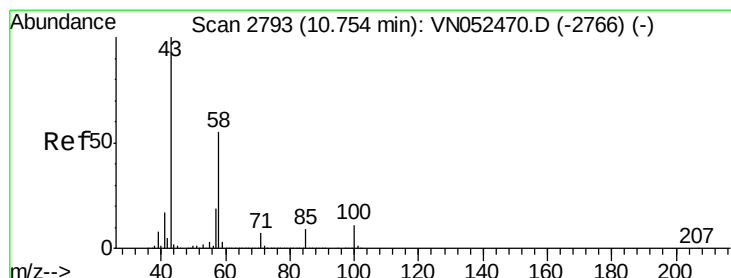
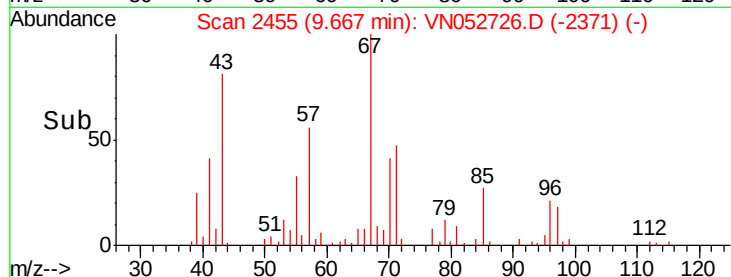
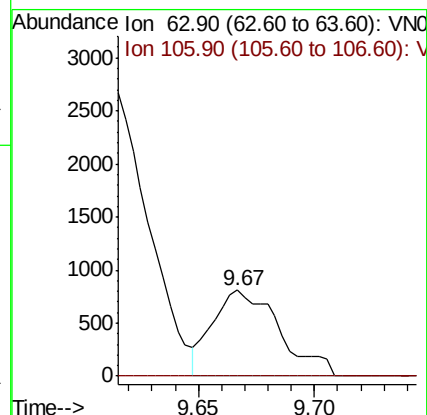
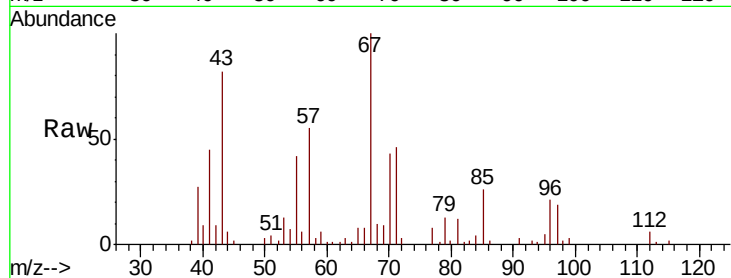
MW-7

Tot Ion: 63 Resp: 1627

Ion Ratio Lower Upper

63 100

106 0.0 20.6 30.8#



#59

2-Hexanone

Concen: 0.500 ug/l

RT: 10.88 min Scan# 2833

Delta R.T. 0.13 min

Lab File: VN052726.D

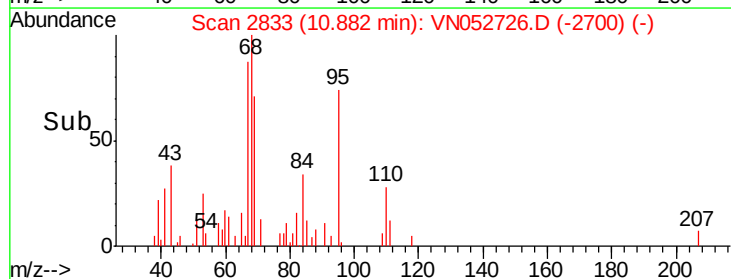
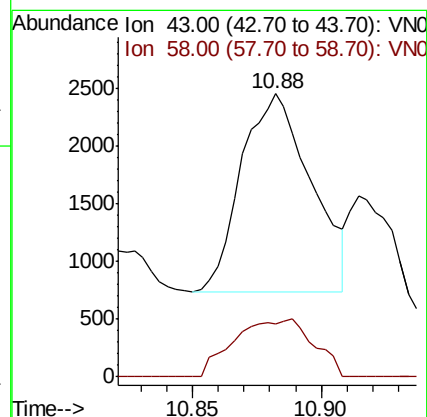
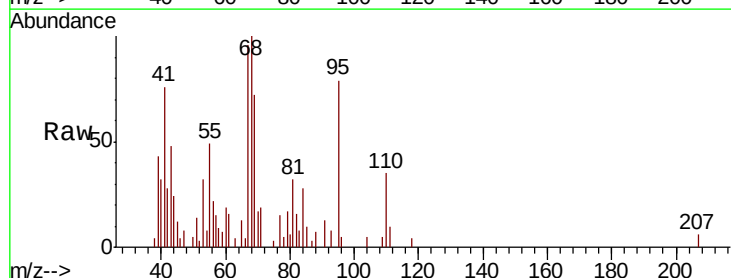
Acq: 7 Dec 2018 14:59

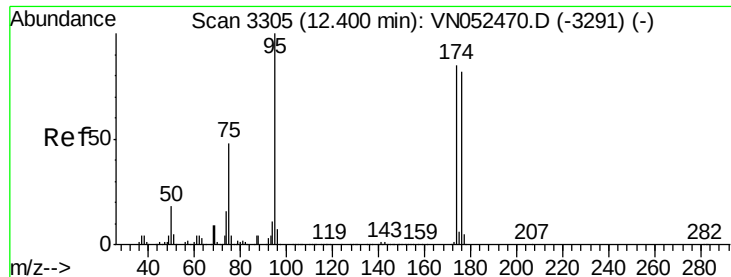
Tgt Ion: 43 Resp: 3236

Ion Ratio Lower Upper

43 100

58 33.0 27.4 82.0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

MW-7

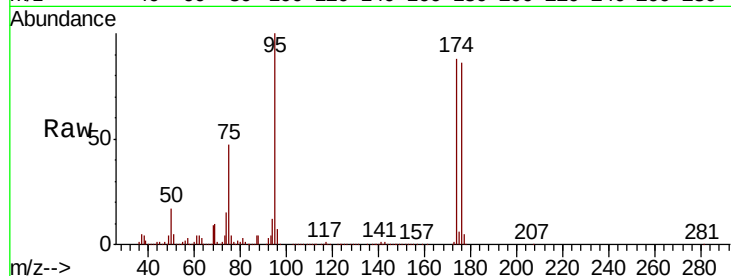
Tot Ion: 95 Resp: 685256

Ion Ratio Lower Upper

95 100

174 87.4 0.0 173.0

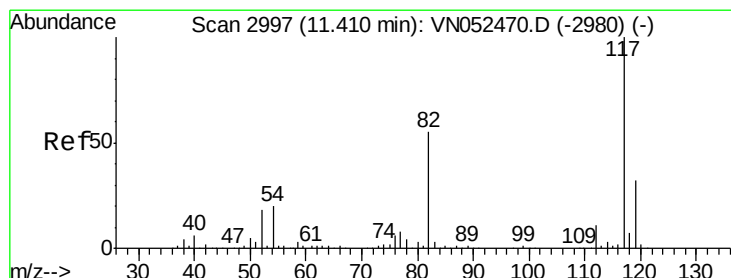
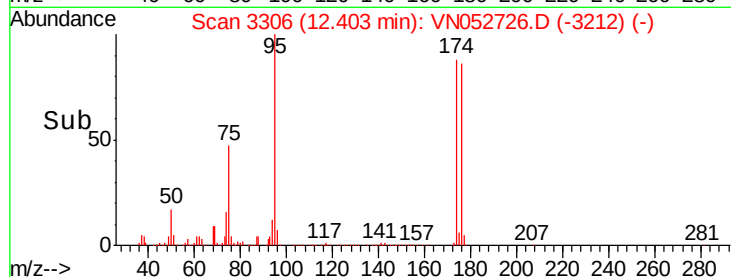
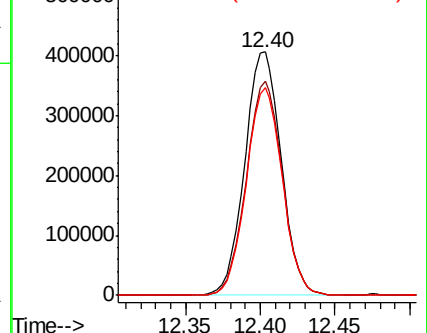
176 85.0 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

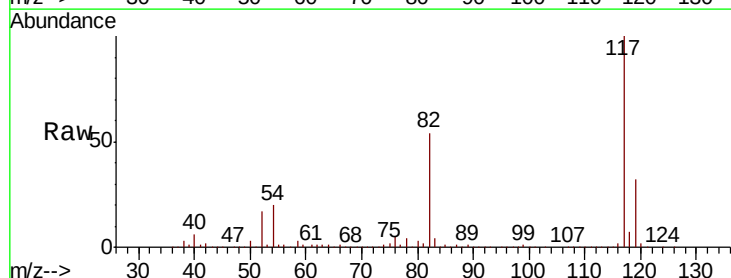
Tgt Ion: 117 Resp: 1525555

Ion Ratio Lower Upper

117 100

82 53.7 43.6 65.4

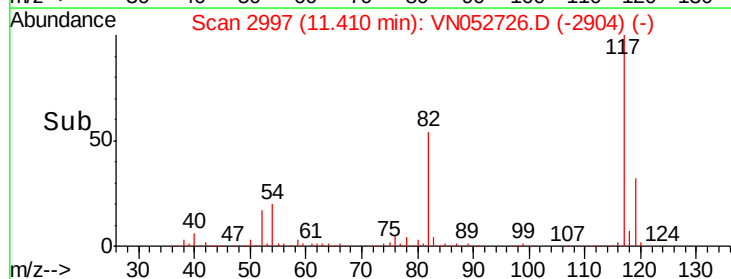
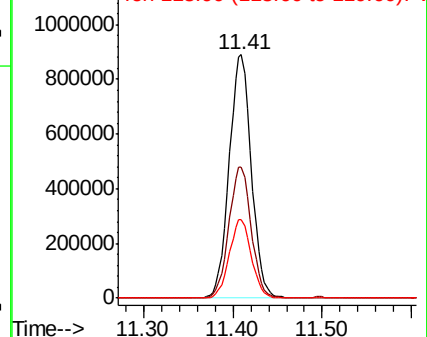
119 32.3 25.4 38.2

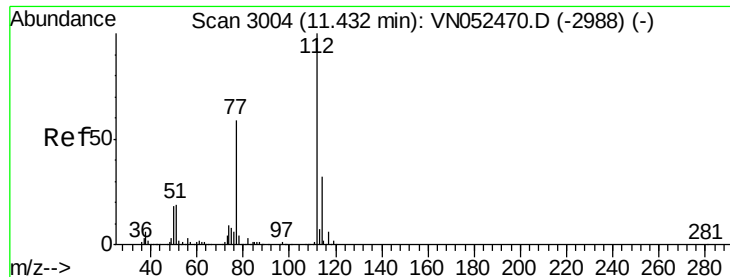


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

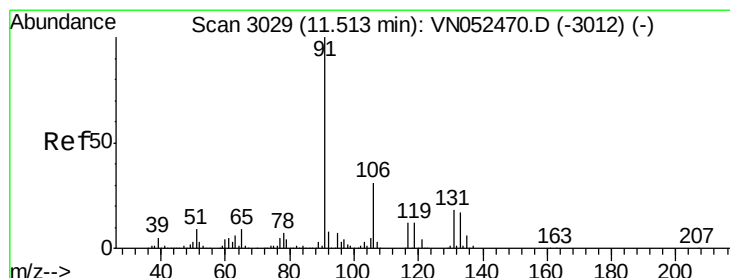
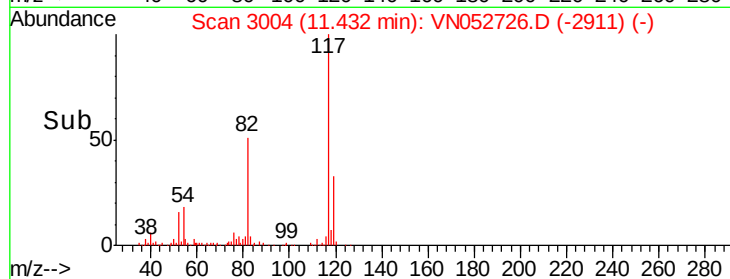
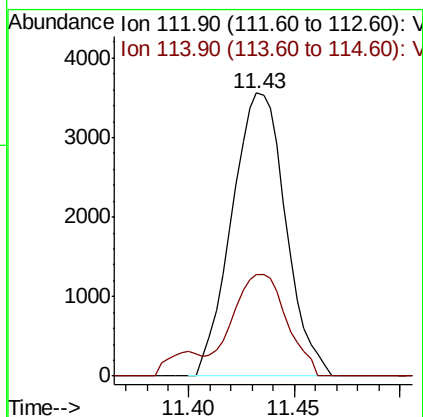
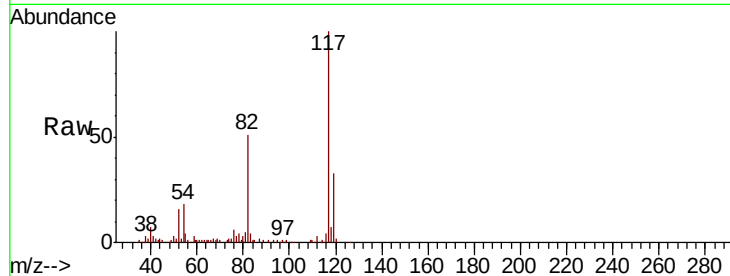




#65
Chlorobenzene
Concen: 0.201 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

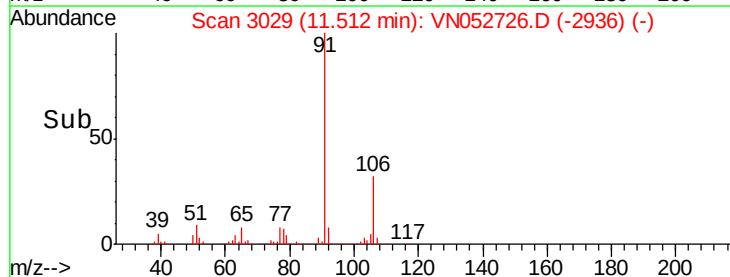
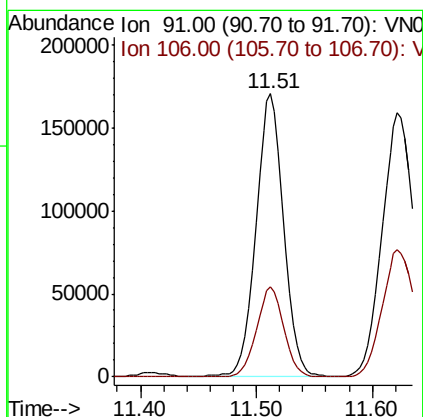
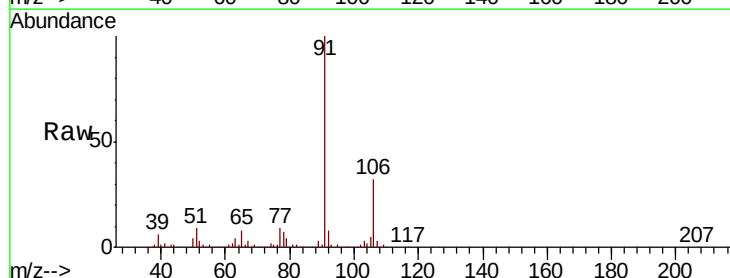
Instrument :
MSVOA_N
ClientSampled :
MW-7

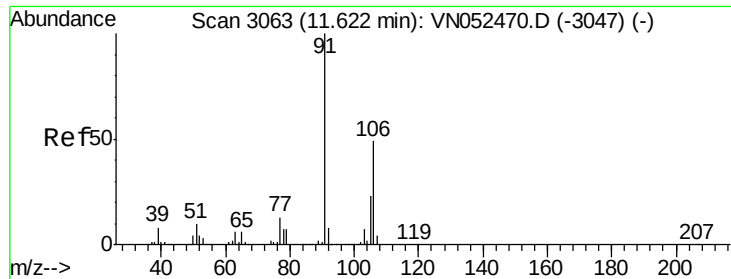
Tot Ion:112 Resp: 6333
Ion Ratio Lower Upper
112 100
114 35.8 25.8 38.6



#67
Ethyl Benzene
Concen: 5.100 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion: 91 Resp: 280914
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

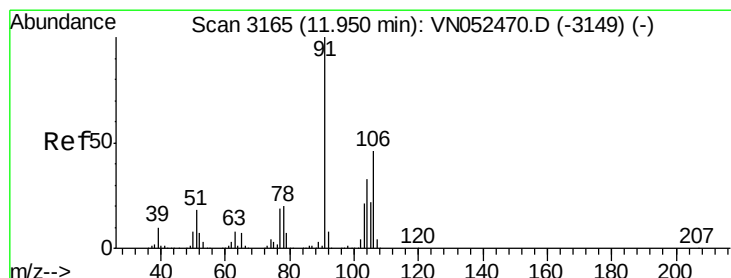
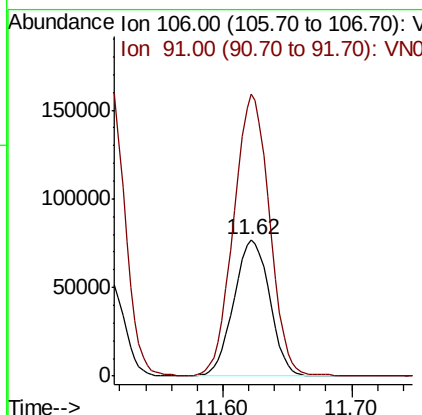
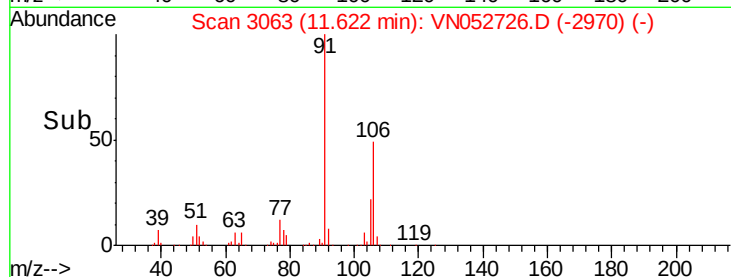
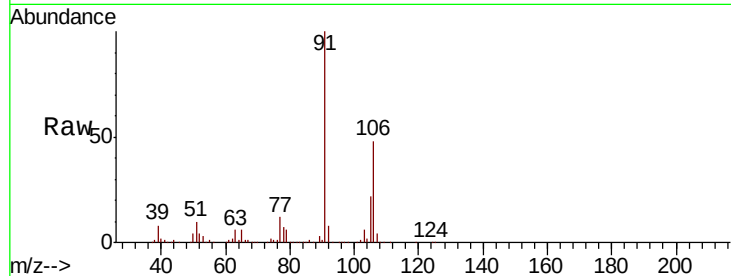




#68
m/p-Xylenes
Concen: 7.258 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

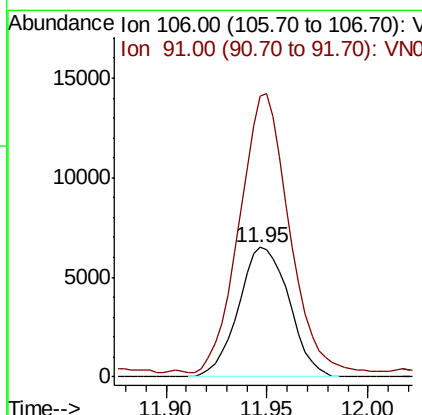
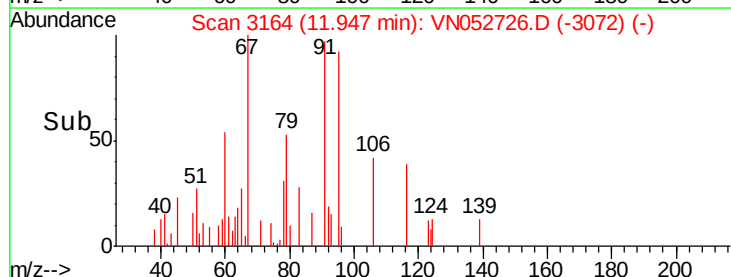
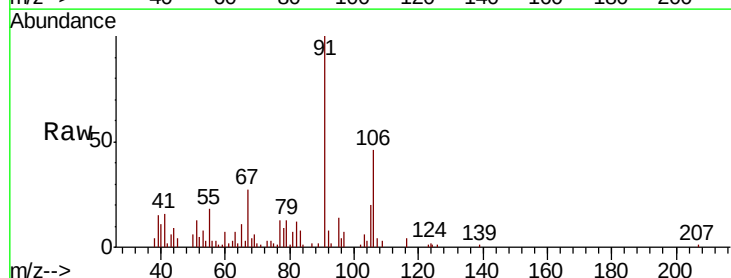
Instrument :
MSVOA_N
ClientSampled :
MW-7

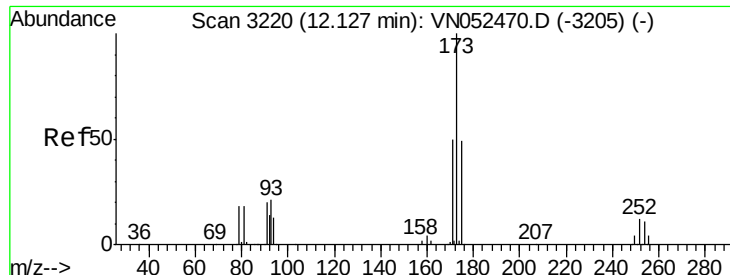
Tot Ion:106 Resp: 148834
Ion Ratio Lower Upper
106 100
91 205.0 163.2 244.8



#69
o-Xylene
Concen: 0.573 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052726.D
Acq: 7 Dec 2018 14:59

Tgt Ion:106 Resp: 11407
Ion Ratio Lower Upper
106 100
91 210.2 107.7 323.1





#71

Bromoform

Concen: 0.643 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

MW-7

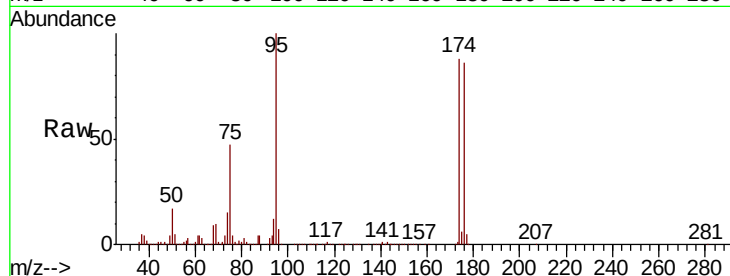
Tot Ion:173 Resp: 4656

Ion Ratio Lower Upper

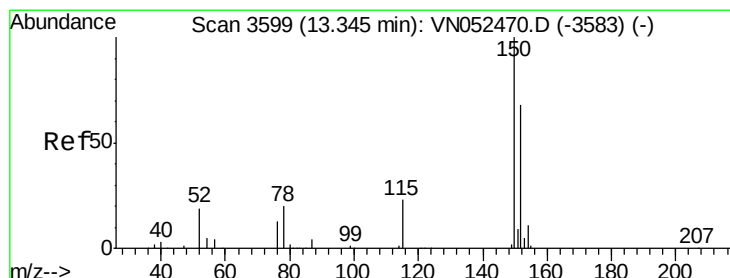
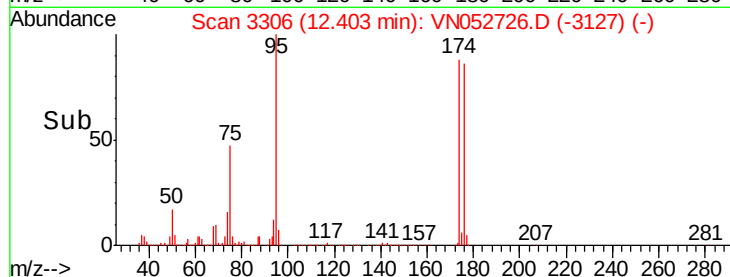
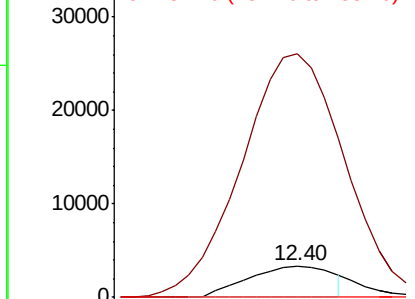
173 100

175 822.9 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: VN052726.D

Acq: 7 Dec 2018 14:59

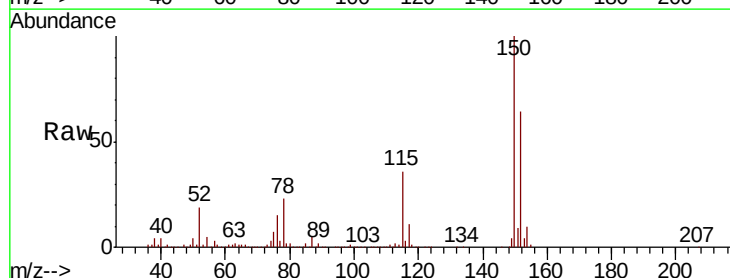
Tgt Ion:152 Resp: 599782

Ion Ratio Lower Upper

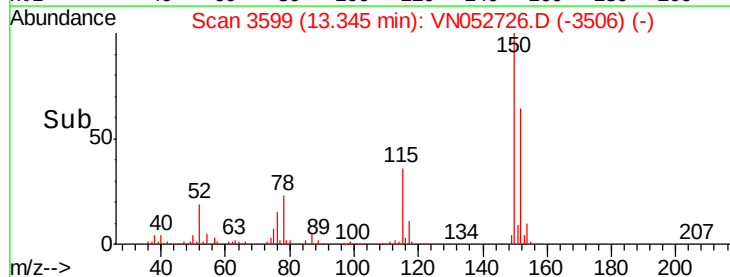
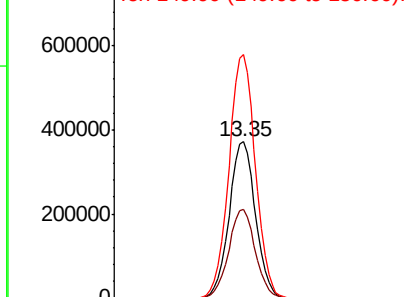
152 100

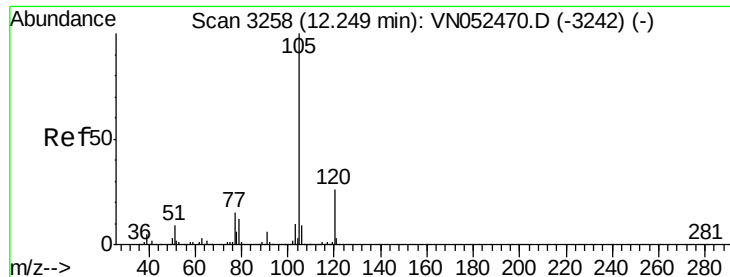
115 57.2 28.4 85.2

150 156.9 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





#73

Isopropylbenzene

Concen: 21.619 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

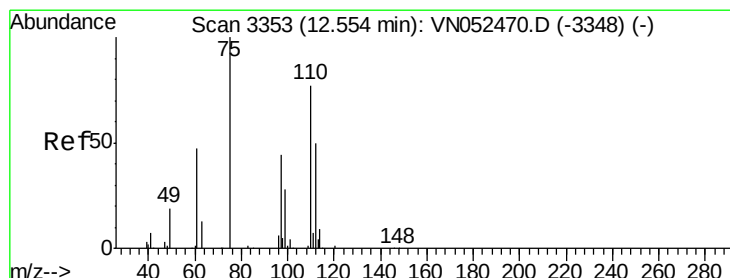
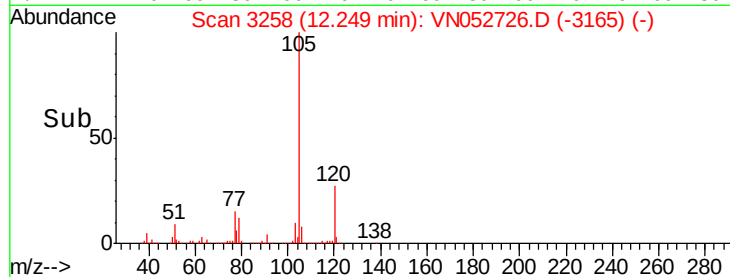
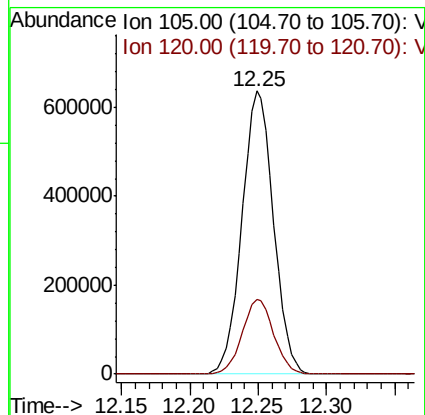
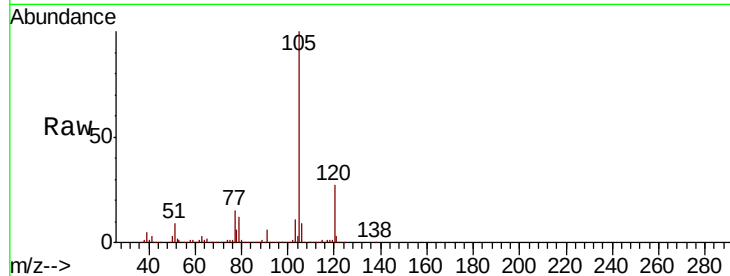
MW-7

Tot Ion:105 Resp: 1017339

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#76

1,2,3-Trichloropropane

Concen: 35.311 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052726.D

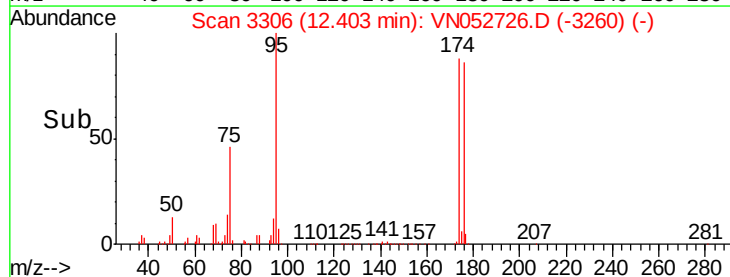
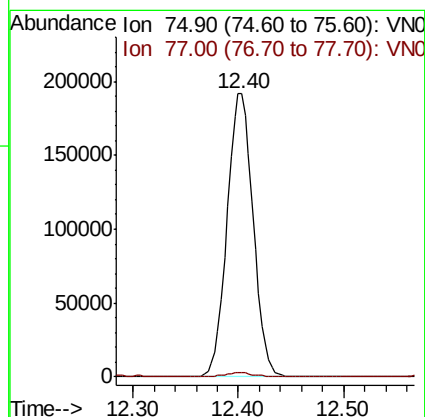
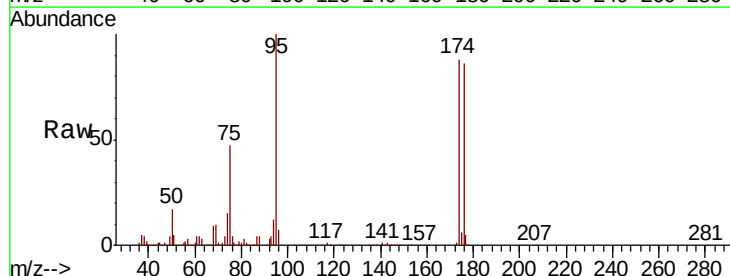
Acq: 7 Dec 2018 14:59

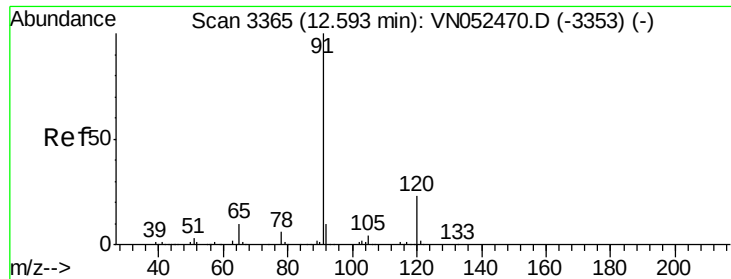
Tgt Ion: 75 Resp: 326586

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 9.673 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampled :

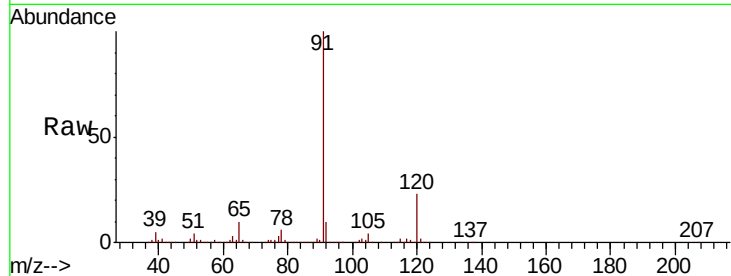
MW-7

Tot Ion: 91 Resp: 517097

Ion Ratio Lower Upper

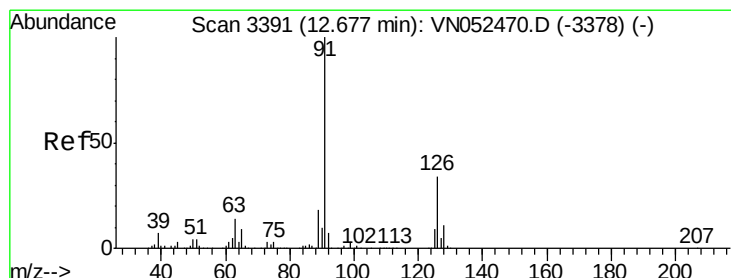
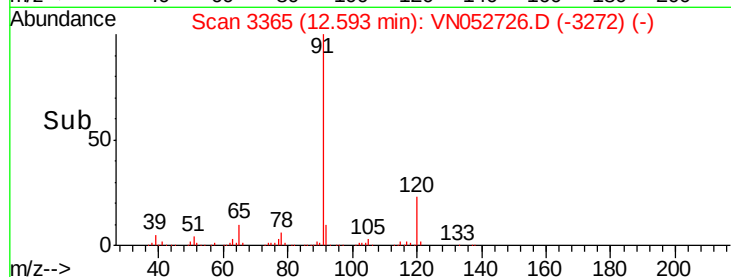
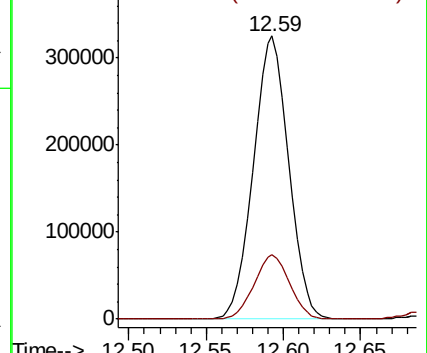
91 100

120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 16.243 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN052726.D

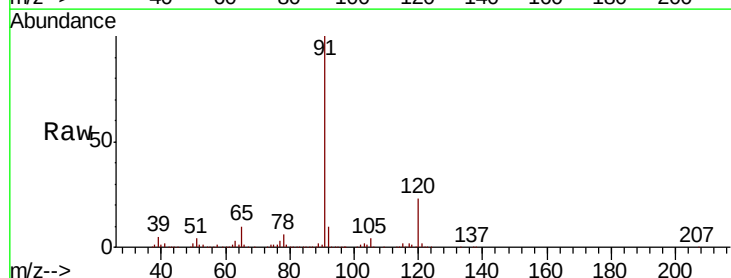
Acq: 7 Dec 2018 14:59

Tgt Ion: 91 Resp: 517097

Ion Ratio Lower Upper

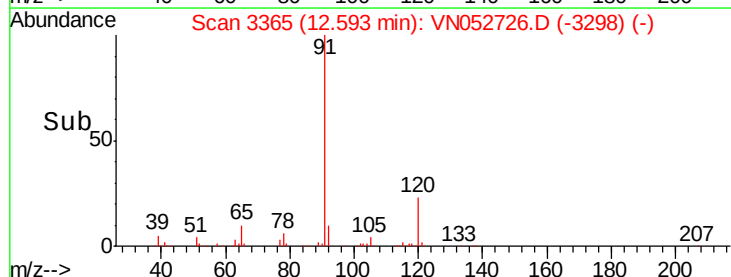
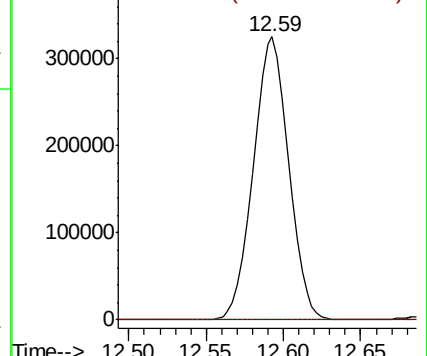
91 100

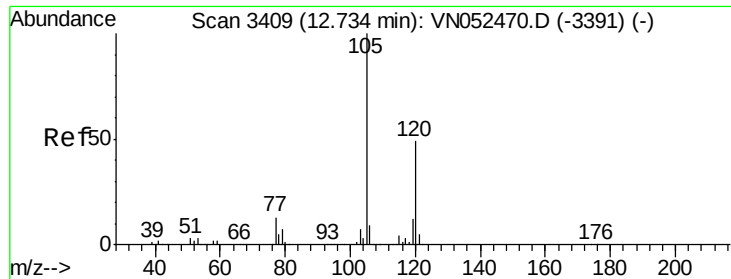
126 0.0 17.2 51.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

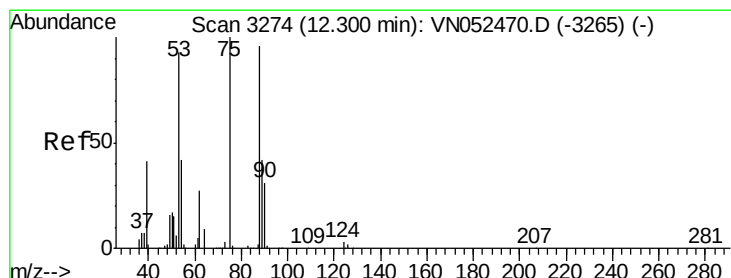
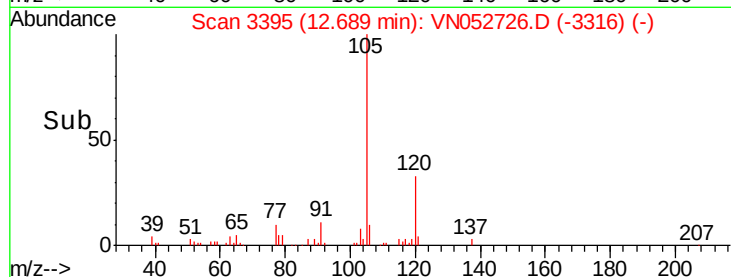
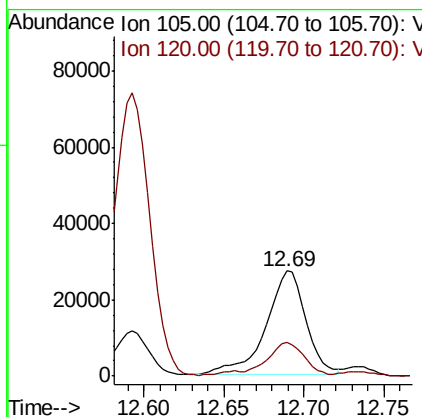
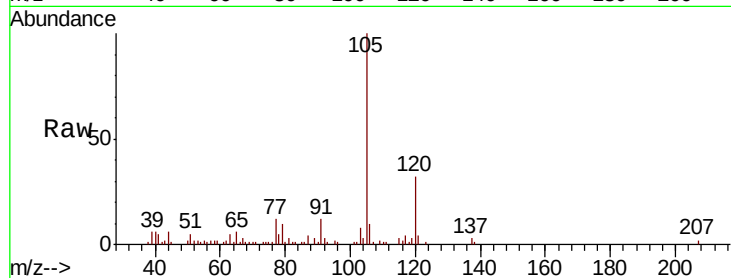




#80
 1,3,5-Trimethylbenzene
 Concen: 1.273 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. -0.05 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

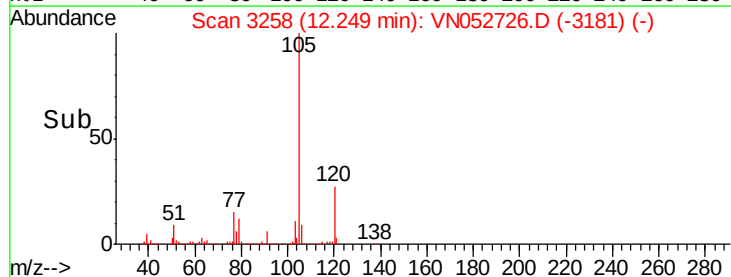
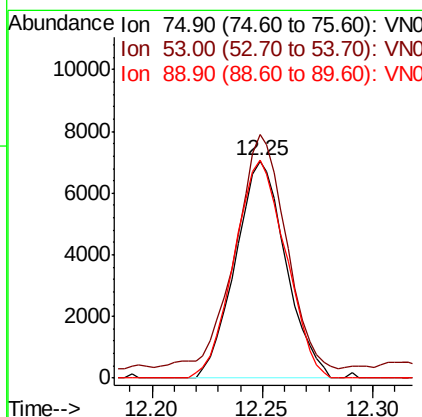
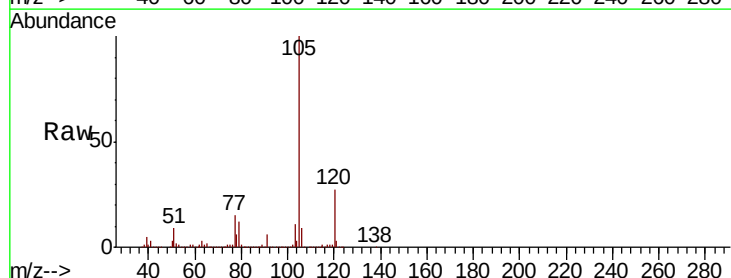
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7

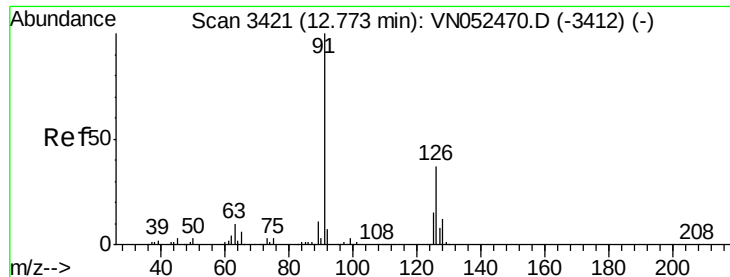
Tot Ion:105 Resp: 47765
 Ion Ratio Lower Upper
 105 100
 120 30.0 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.027 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

Tgt Ion: 75 Resp: 11152
 Ion Ratio Lower Upper
 75 100
 53 108.9 77.4 116.0
 89 103.2 35.4 53.2#





#82

4-Chlorotoluene

Concen: 0.856 ug/l

RT: 12.89 min Scan# 3458

Delta R.T. 0.12 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

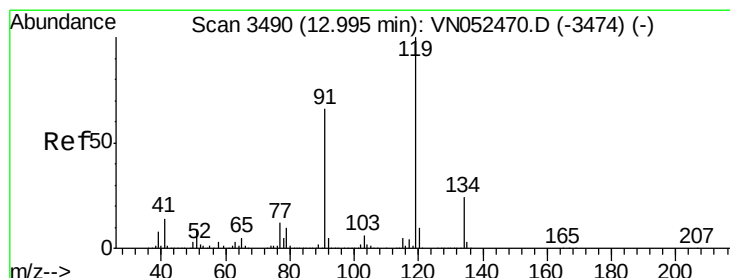
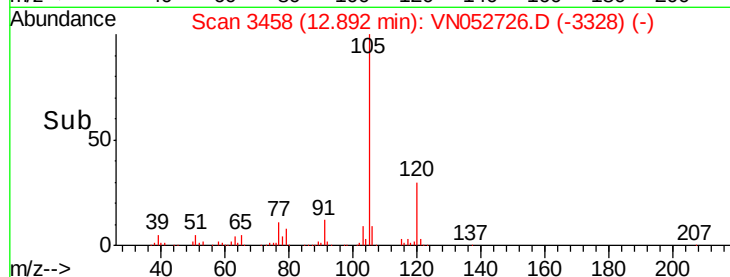
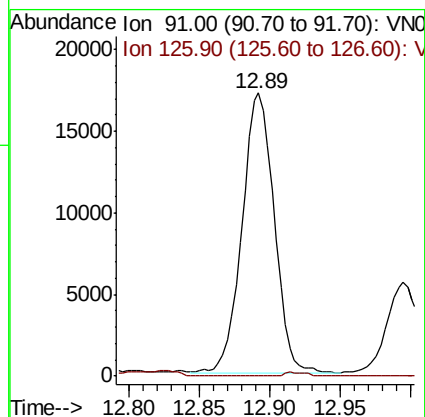
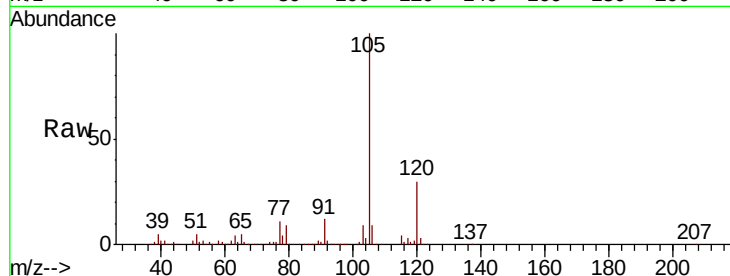
MW-7

Tot Ion: 91 Resp: 27456

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#83

tert-Butylbenzene

Concen: 0.409 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

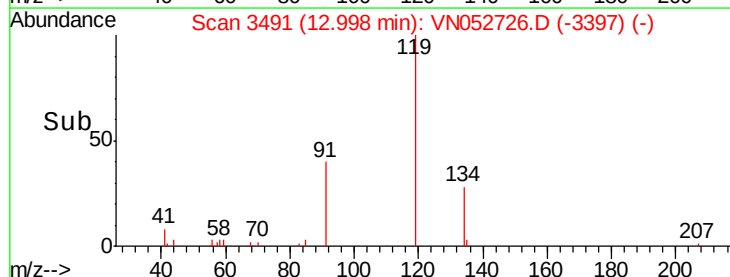
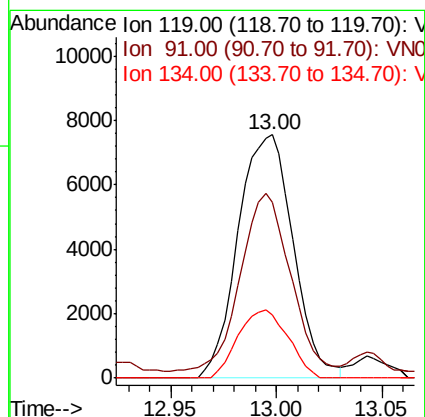
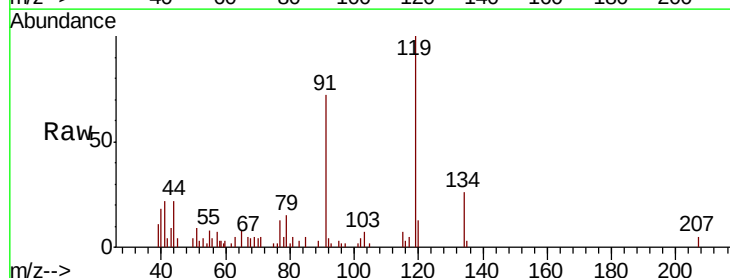
Tgt Ion: 119 Resp: 13695

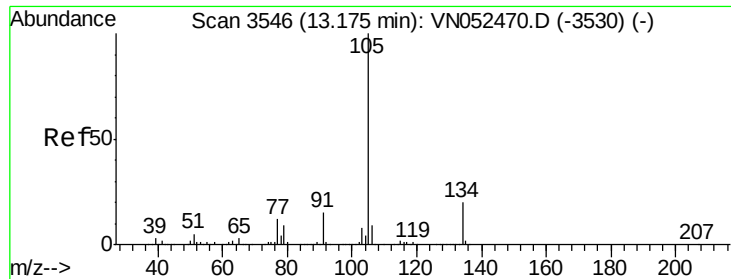
Ion Ratio Lower Upper

119 100

91 67.0 32.3 96.9

134 25.3 13.0 38.9





#85

sec-Butylbenzene

Concen: 0.470 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

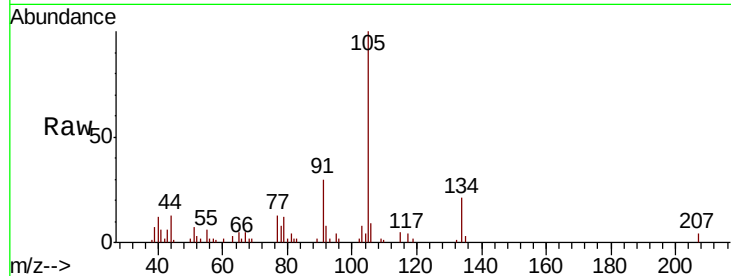
MW-7

Tot Ion:105 Resp: 21415

Ion Ratio Lower Upper

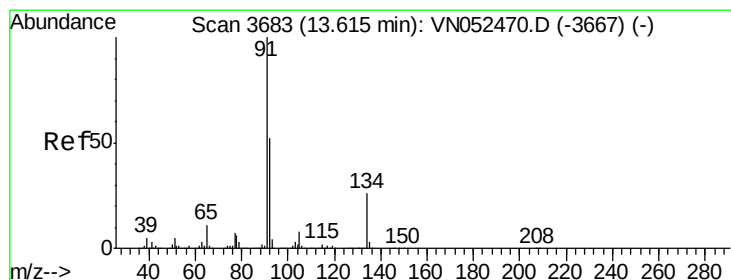
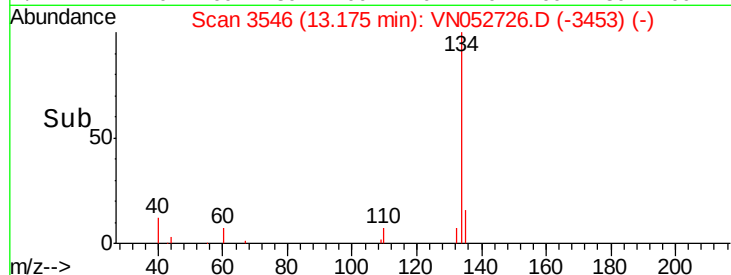
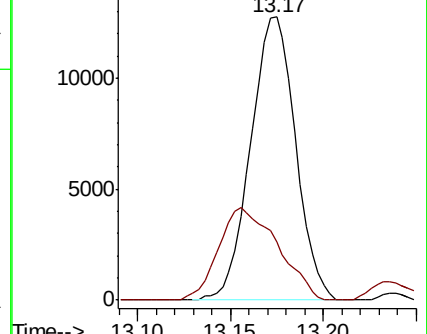
105 100

134 42.9 9.9 29.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.521 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

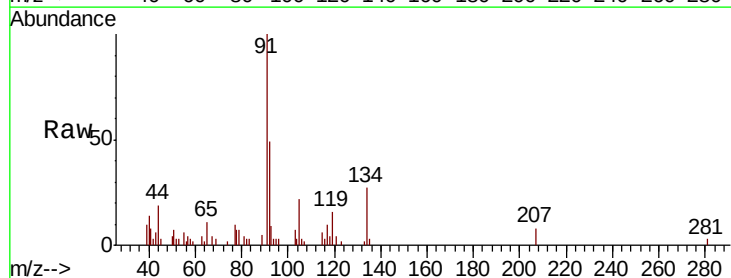
Tgt Ion: 91 Resp: 16808

Ion Ratio Lower Upper

91 100

92 41.1 26.1 78.3

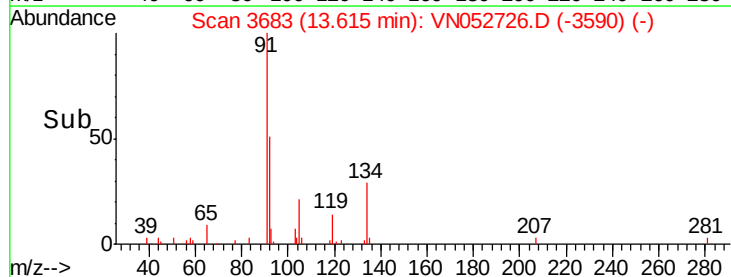
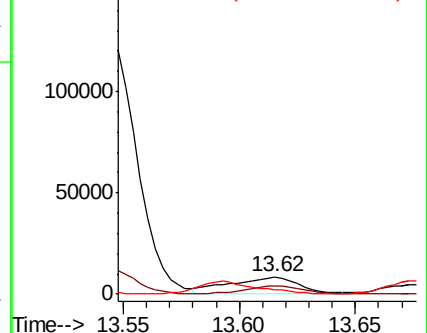
134 0.0 13.0 38.9#

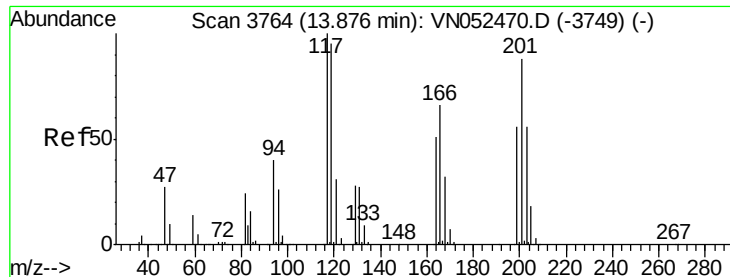


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 2.771 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

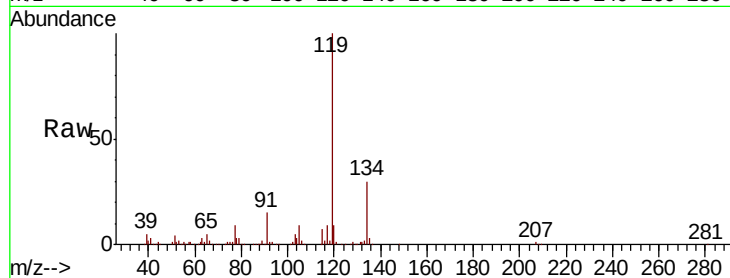
MW-7

Tot Ion:117 Resp: 18210

Ion Ratio Lower Upper

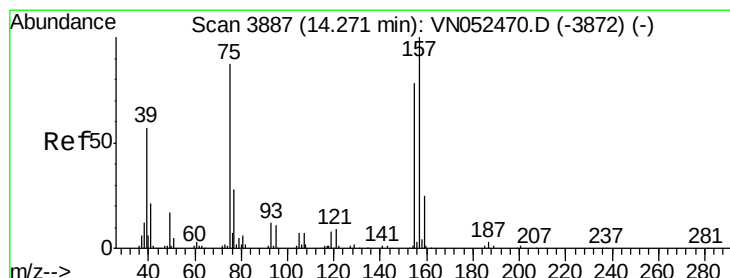
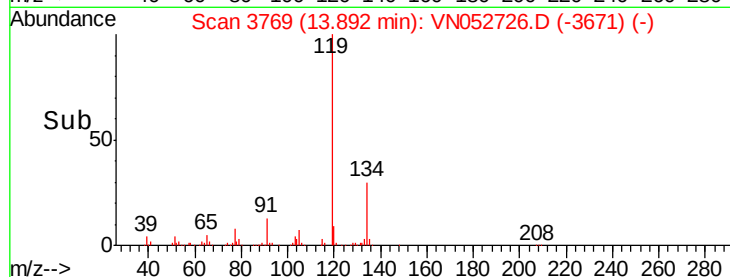
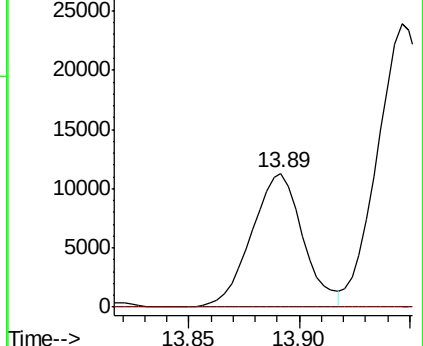
117 100

201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.394 ug/l

RT: 14.21 min Scan# 3869

Delta R.T. -0.06 min

Lab File: VN052726.D

Acq: 7 Dec 2018 14:59

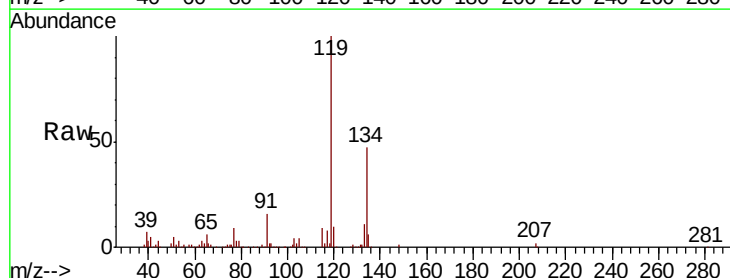
Tgt Ion: 75 Resp: 603

Ion Ratio Lower Upper

75 100

155 0.0 45.3 135.9#

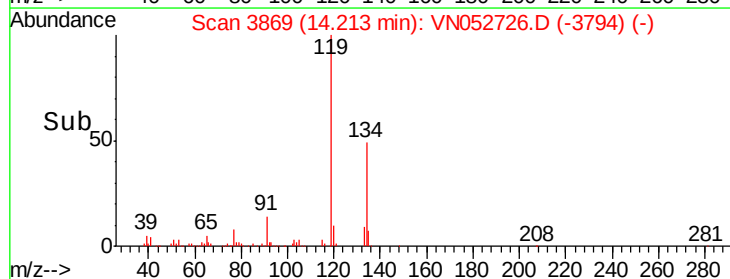
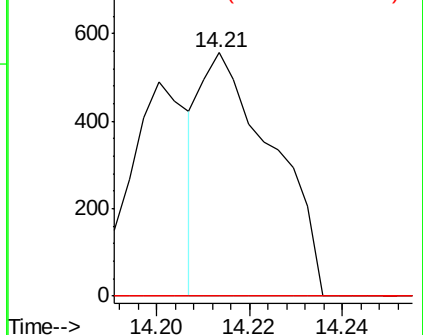
157 0.0 58.1 174.2#

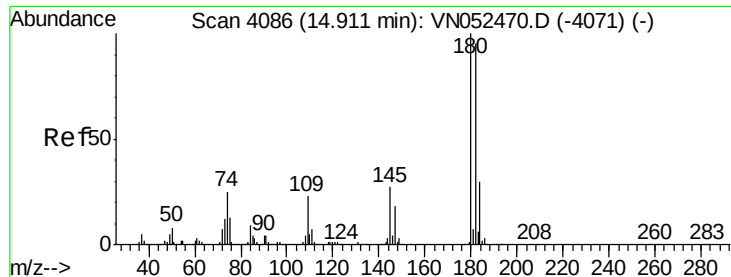


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

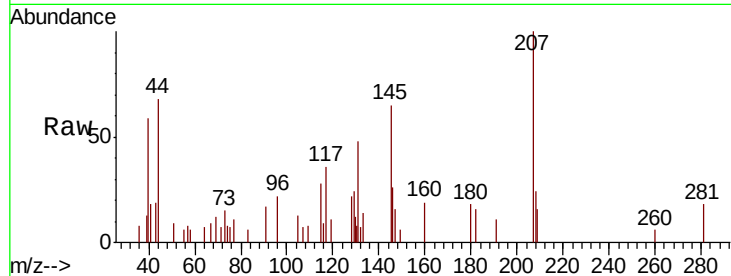




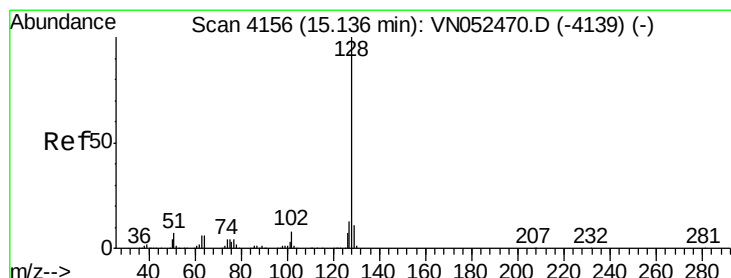
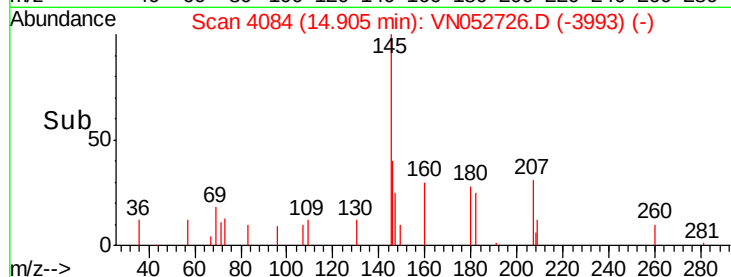
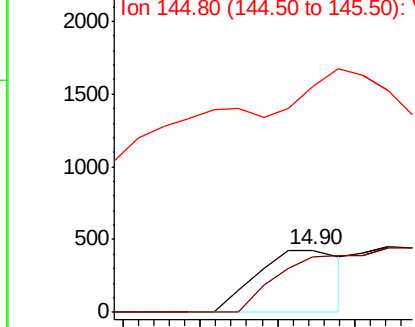
#93
 1,2,4-Trichlorobenzene
 Concen: 2.858 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.01 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

Instrument :
 MSVOA_N
 ClientSampled :
 MW-7

Tot Ion:180 Resp: 326
 Ion Ratio Lower Upper
 180 100
 182 184.0 47.8 143.4#
 145 1401.2 14.1 42.3#

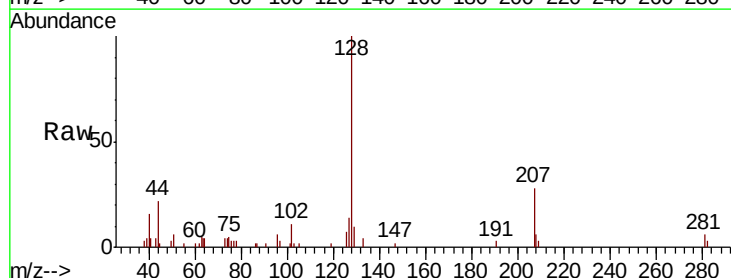


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

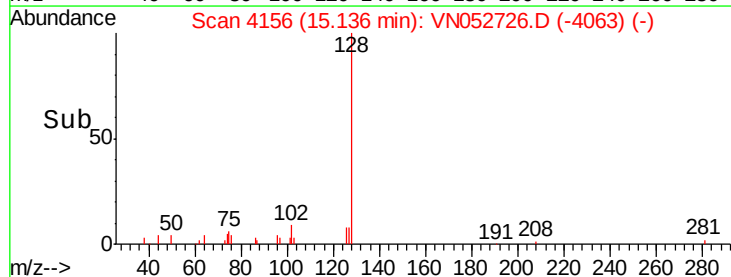
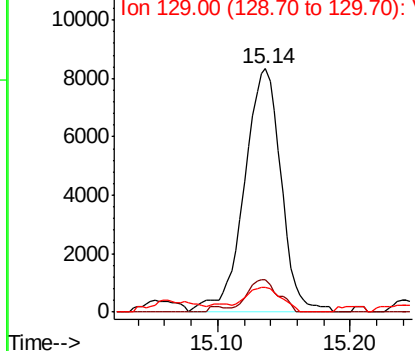


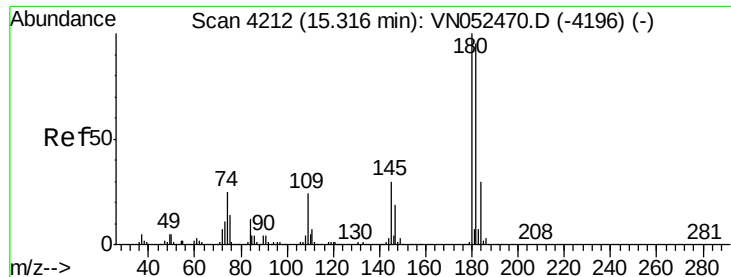
#95
 Naphthalene
 Concen: 4.091 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

Tgt Ion:128 Resp: 16062
 Ion Ratio Lower Upper
 128 100
 127 11.2 10.2 15.2
 129 10.0 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: 2.787 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN052726.D
 Acq: 7 Dec 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Tot Ion	Ratio	Lower	Upper
180	100		
182	46.5	47.8	143.3#
145	0.0	15.2	45.5#

