

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052476.D
 Acq On : 27 Nov 2018 14:07
 Operator : MD\SY
 Sample : J5993-03ME
 Misc : 5.02µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

Quant Time: Nov 28 06:09:20 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	7.66	168	1164743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1781670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1549424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	672109	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	587216	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	7.59	113	534968	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.09	98	2207881	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	741389	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.74	59	533	0.840	ug/l #	73
13) Acrolein	3.61	56	1284	34.474	ug/l #	14
14) Allyl chloride	4.54	41	11522	0.613	ug/l #	26
16) Acetone	3.82	43	7710	2.305	ug/l	89
17) Carbon Disulfide	4.05	76	26767	0.780	ug/l	96
18) Methyl Acetate	4.33	43	34115	3.556	ug/l	95
20) Methylene Chloride	4.55	84	3416	0.261	ug/l #	89
25) 2-Butanone	6.83	43	2744	0.579	ug/l #	50
29) Tetrahydrofuran	7.20	42	1130	0.370	ug/l #	57
31) Cyclohexane	7.65	56	94569	3.996	ug/l #	89
36) 1,1-Dichloropropene	7.66	75	82892	4.927	ug/l #	50
38) Carbon Tetrachloride	7.66	117	103299	6.782	ug/l #	16
39) Methylcyclohexane	9.08	83	402922	19.703	ug/l	92
40) Benzene	8.04	78	78056	1.557	ug/l	96
43) Isopropyl Acetate	8.15	43	49706	2.861	ug/l #	51
47) Bromodichloromethane	9.36	83	8378	0.522	ug/l #	32
48) Methyl methacrylate	9.22	41	13164	1.453	ug/l #	13
51) 4-Methyl-2-Pentanone	10.02	43	38572	3.956	ug/l #	76
52) Toluene	10.16	92	10233	0.343	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	159976	15.266	ug/l #	20
56) Ethyl methacrylate	10.43	69	56521	6.368	ug/l #	5
59) 2-Hexanone	10.72	43	340790	52.081	ug/l #	29
65) Chlorobenzene	11.44	112	10713	0.335	ug/l	94
67) Ethyl Benzene	11.51	91	41869	0.748	ug/l	97
68) m/p-Xylenes	11.62	106	250691	12.036	ug/l	99
69) o-Xylene	11.95	106	153108	7.570	ug/l	98
70) Styrene	11.95	104	9565	0.297	ug/l #	1
71) Bromoform	12.40	173	3825	0.520	ug/l #	1
73) Isopropylbenzene	12.25	105	58748	1.114	ug/l	99
74) N-amyl acetate	12.04	43	230167	17.277	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.48	83	23881	1.991	ug/l #	86
76) 1,2,3-Trichloropropane	12.40	75	340896	32.891	ug/l #	100
78) n-propylbenzene	12.59	91	181415	3.028	ug/l	100
79) 2-Chlorotoluene	12.77	91	7407	0.208	ug/l	78

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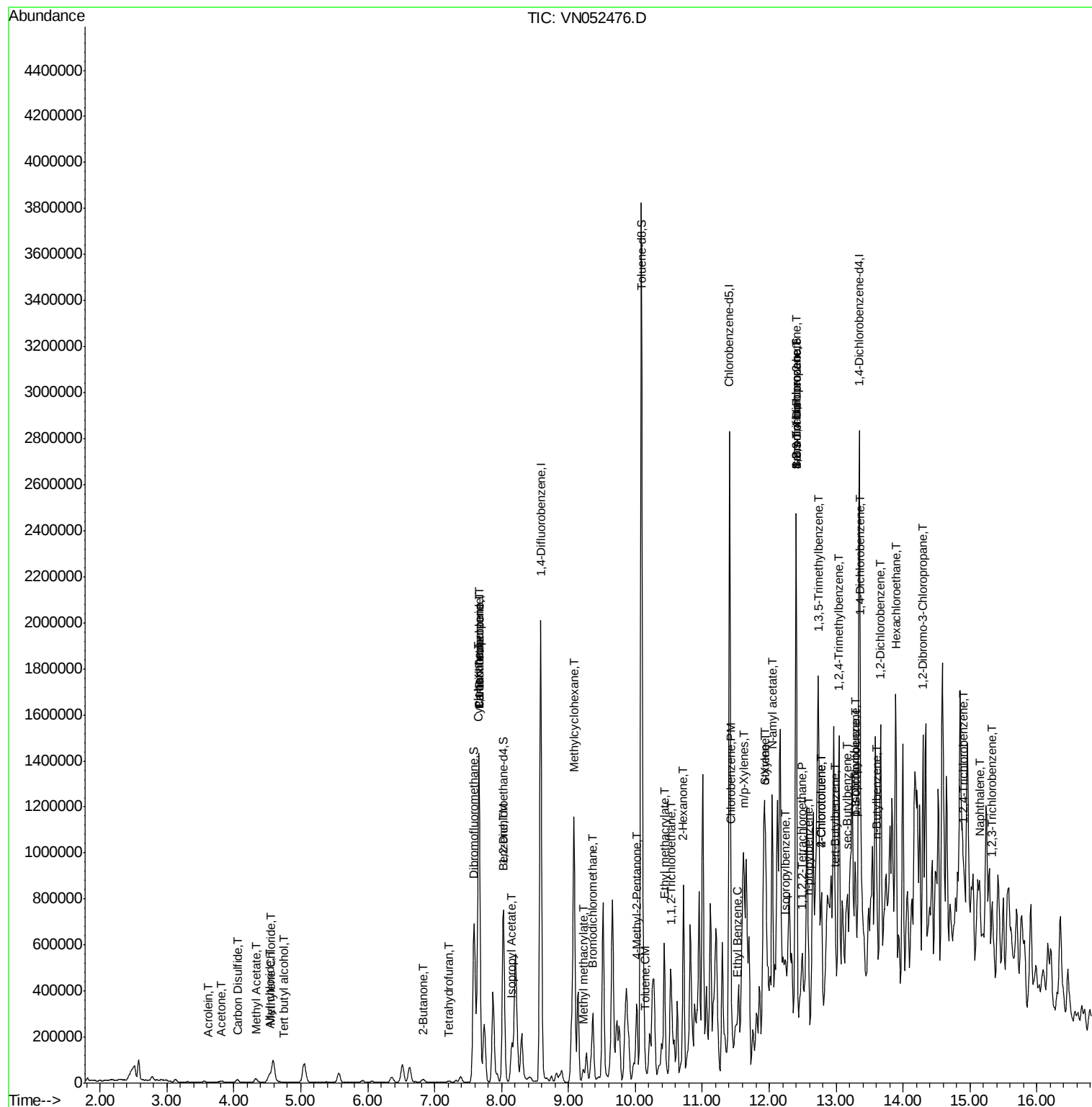
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	283288	6.736	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	340896	109.842	ug/l #	13
82) 4-Chlorotoluene	12.77	91	7407	0.206	ug/l	72
83) tert-Butylbenzene	12.99	119	10379	0.277	ug/l	82
84) 1,2,4-Trimethylbenzene	13.04	105	559539	13.276	ug/l	100
85) sec-Butylbenzene	13.17	105	108433	2.123	ug/l #	59
86) p-Isopropyltoluene	13.29	119	137206	3.155	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	7827	0.343	ug/l #	1
88) 1,4-Dichlorobenzene	13.37	146	29376	1.308	ug/l #	13
89) n-Butylbenzene	13.62	91	128513	3.553	ug/l #	74
90) Hexachloroethane	13.89	117	48463	6.581	ug/l #	6
91) 1,2-Dichlorobenzene	13.66	146	6145	0.282	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.30	75	3007	1.753	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	5795	3.288	ug/l #	1
95) Naphthalene	15.13	128	115884	7.694	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.32	180	3618	3.039	ug/l #	60

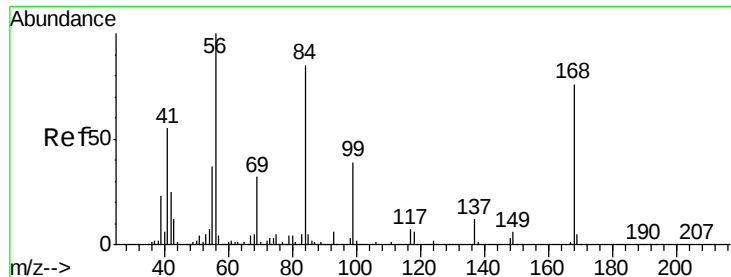
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

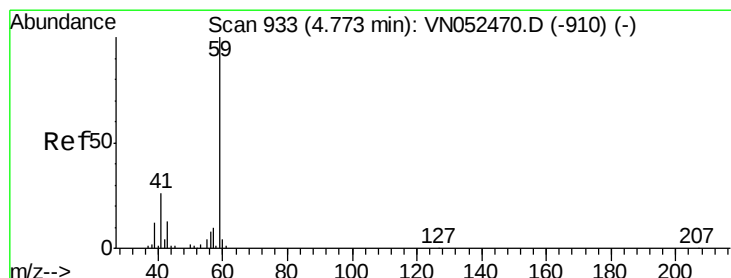
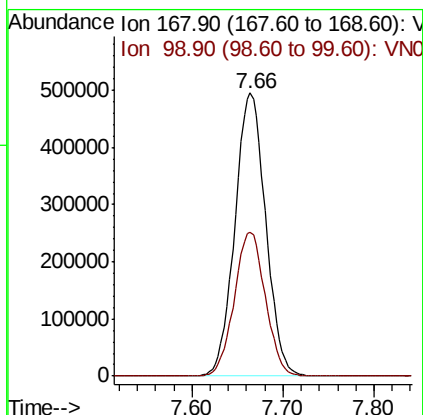
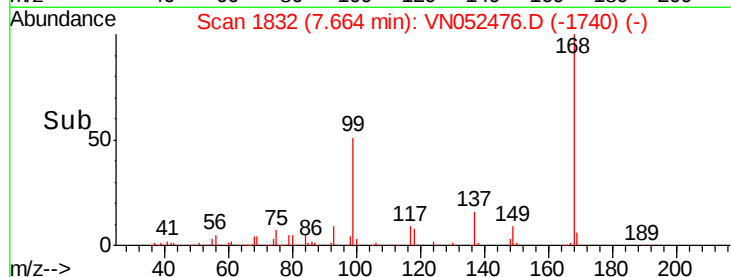
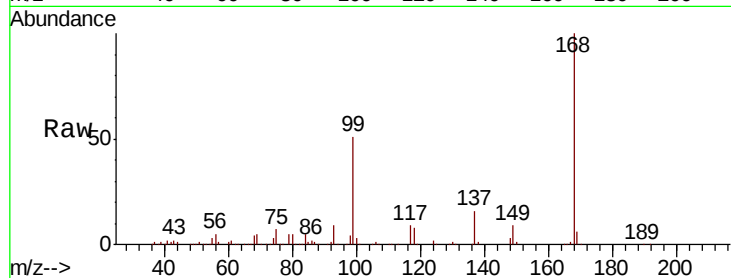
20180927-WCC-3-COMPOSITE

Tot Ion:168 Resp: 1164743

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



#11

Tert butyl alcohol

Concen: 0.840 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.03 min

Lab File: VN052476.D

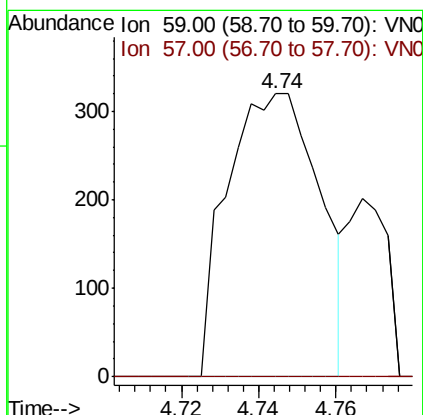
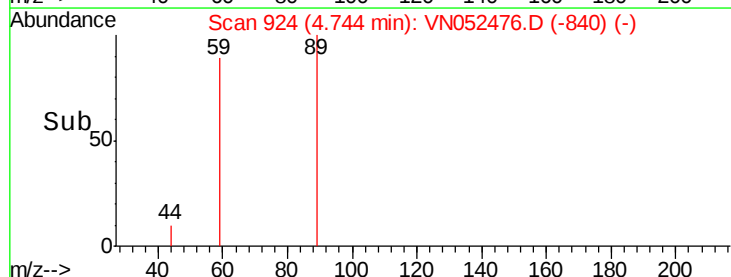
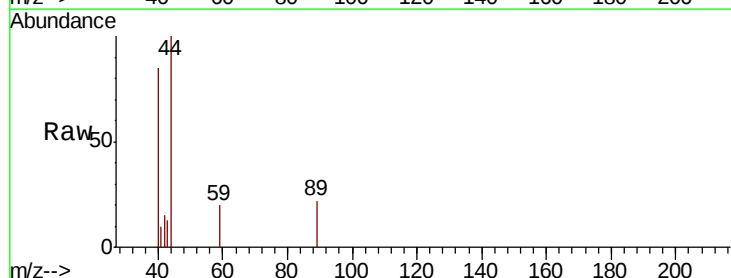
Acq: 27 Nov 2018 14:07

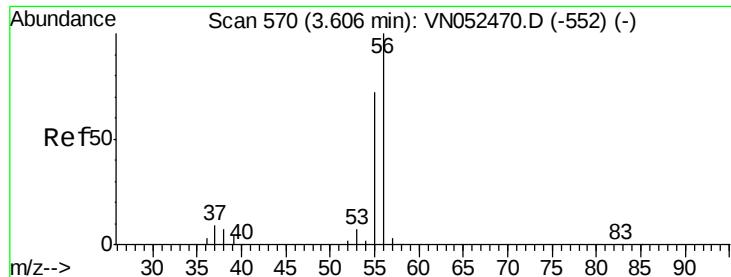
Tgt Ion: 59 Resp: 533

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#13

Acrolein

Concen: 34.474 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

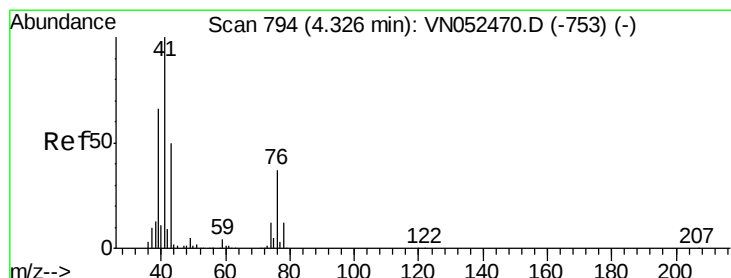
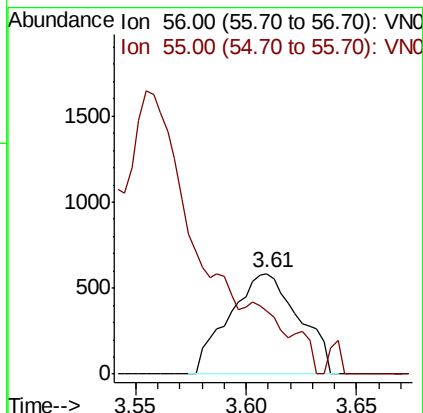
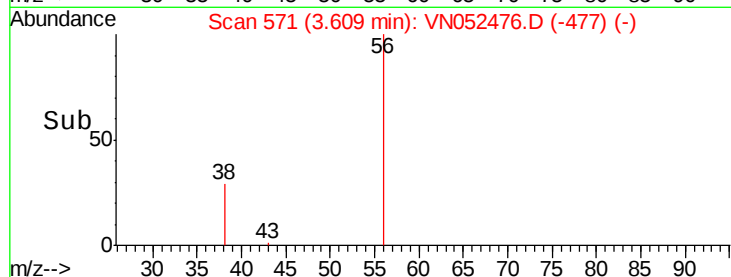
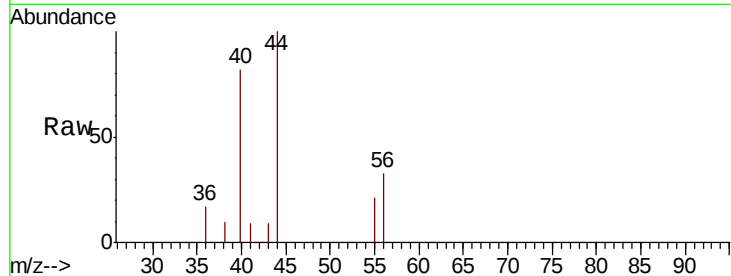
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Tot Ion: 56 Resp: 1284

Ion Ratio Lower Upper

56 100

55 0.0 56.8 85.2#



#14

Allyl chloride

Concen: 0.613 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.21 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

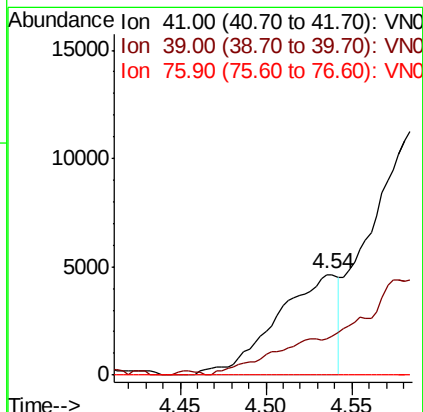
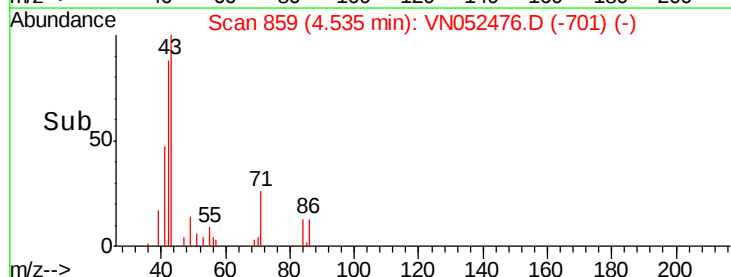
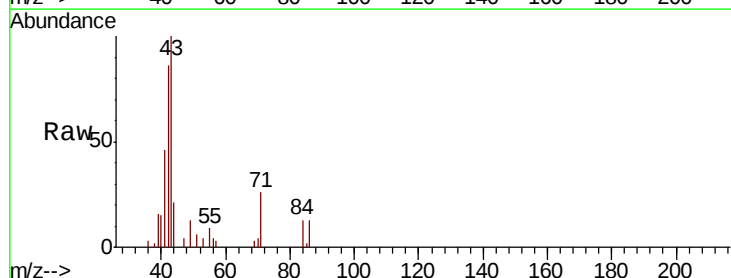
Tgt Ion: 41 Resp: 11522

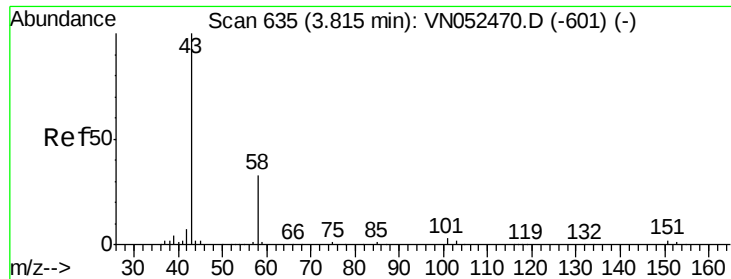
Ion Ratio Lower Upper

41 100

39 0.0 50.6 76.0#

76 0.0 27.4 41.2#





#16

Acetone

Concen: 2.305 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

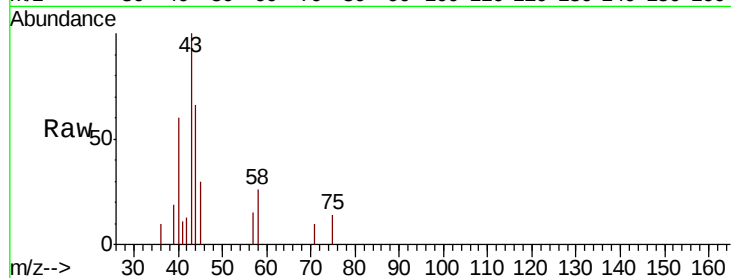
20180927-WCC-3-COMPOSITEME

Tot Ion: 43 Resp: 7710

Ion Ratio Lower Upper

43 100

58 26.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

2500

2000

1500

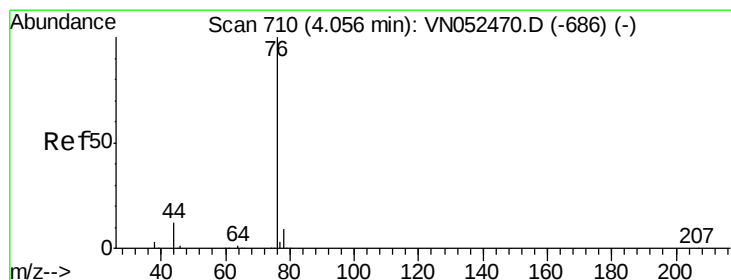
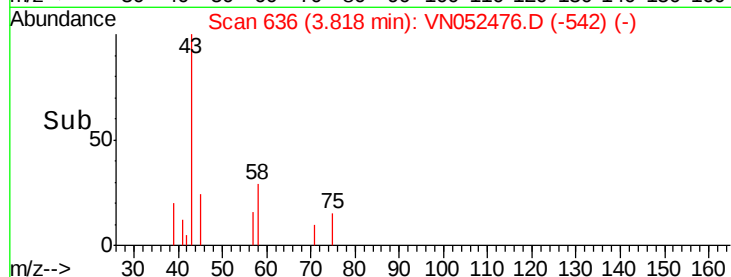
1000

500

0

3.70 3.75 3.80 3.85 3.90

Time-->



#17

Carbon Disulfide

Concen: 0.780 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VN052476.D

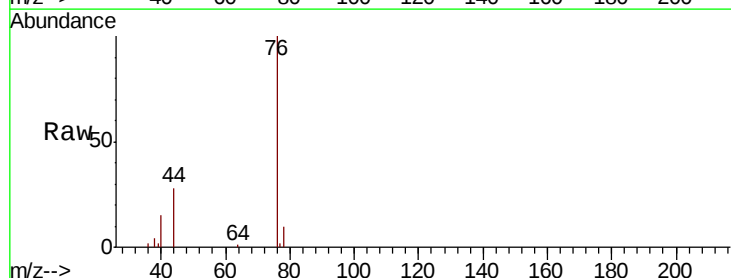
Acq: 27 Nov 2018 14:07

Tgt Ion: 76 Resp: 26767

Ion Ratio Lower Upper

76 100

78 10.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN052470.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN052470.D (-686) (-)

4.05

12000

10000

8000

6000

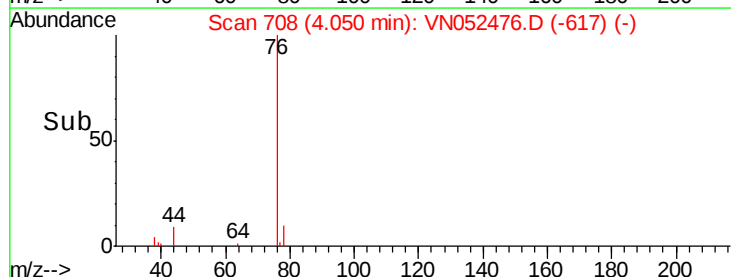
4000

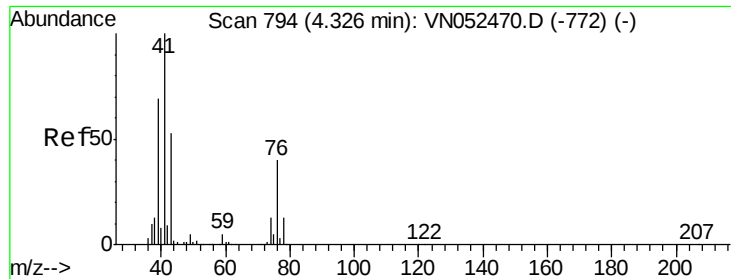
2000

0

3.95 4.00 4.05 4.10 4.15

Time-->

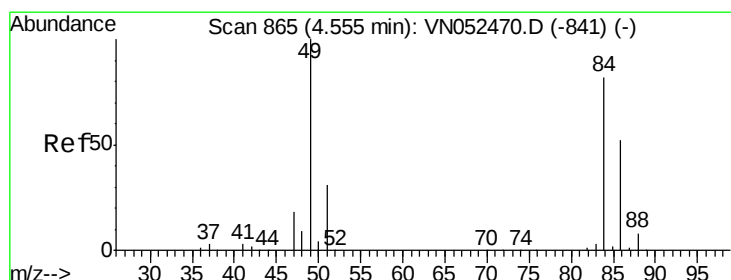
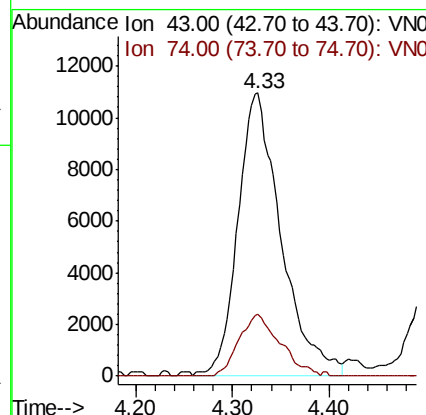
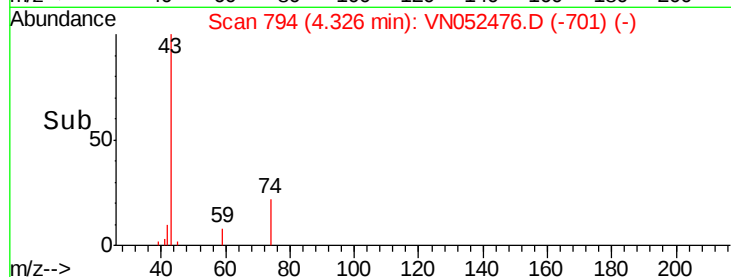
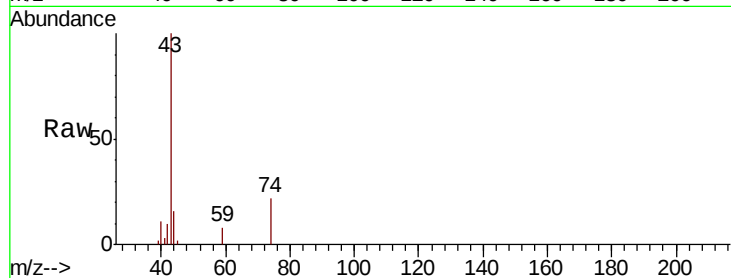




#18
Methyl Acetate
Concen: 3.556 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

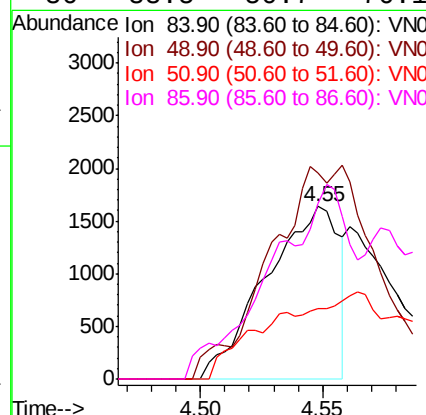
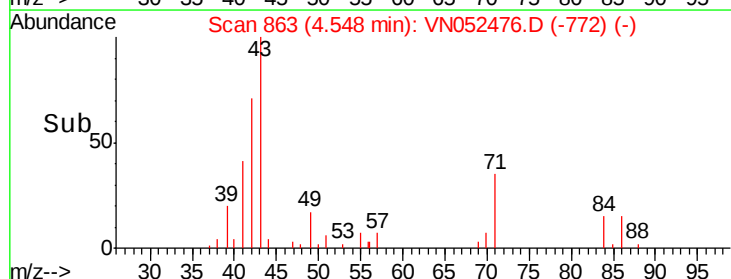
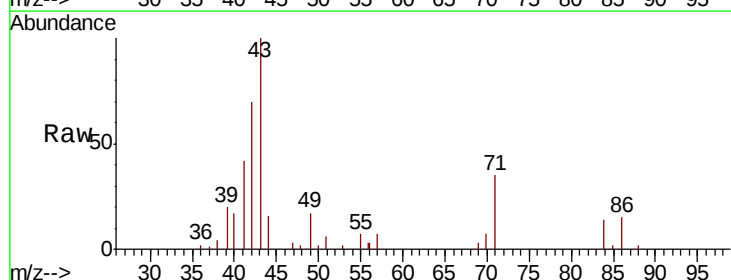
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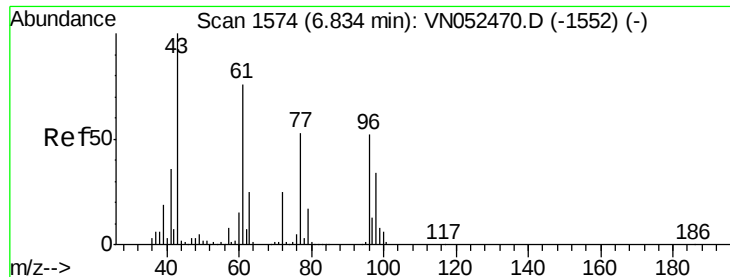
Tot Ion: 43 Resp: 34115
Ion Ratio Lower Upper
43 100
74 20.7 18.6 27.8



#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Tgt Ion: 84 Resp: 3416
Ion Ratio Lower Upper
84 100
49 119.6 98.0 147.0
51 40.8 30.1 45.1
86 88.5 50.7 76.1#





#25

2-Butanone

Concen: 0.579 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

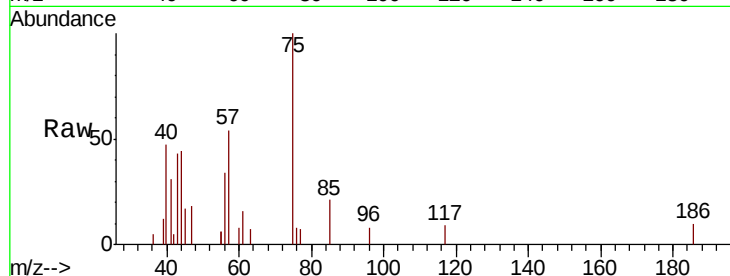
20180927-WCC-3-COMPOSITE

Tot Ion: 43 Resp: 2744

Ion Ratio Lower Upper

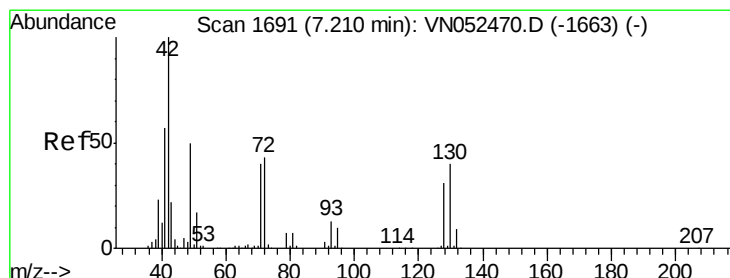
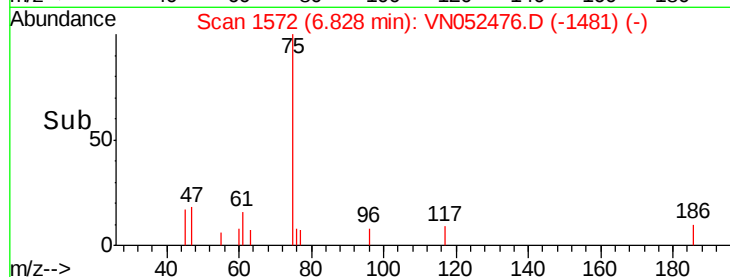
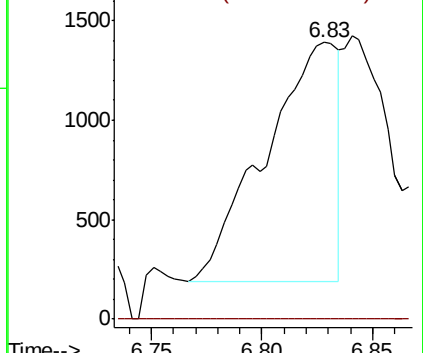
43 100

72 0.0 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.370 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

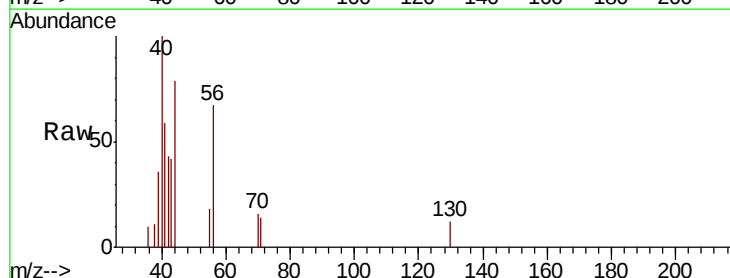
Tgt Ion: 42 Resp: 1130

Ion Ratio Lower Upper

42 100

72 0.0 33.3 49.9#

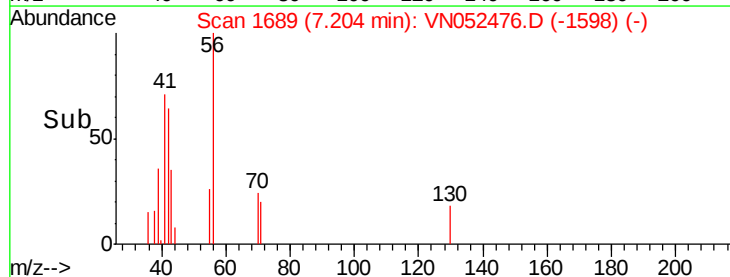
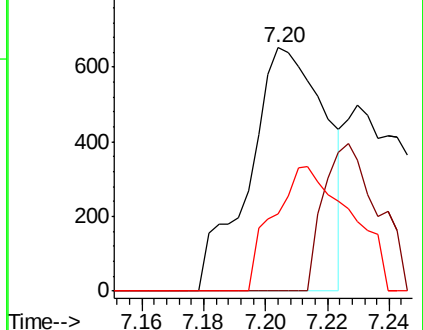
71 51.2 32.0 48.0#

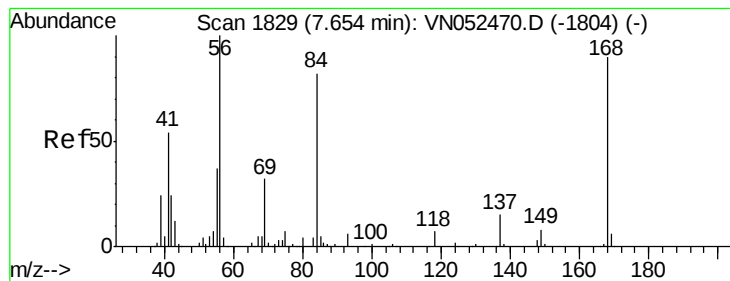


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 3.996 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.01 min

Lab File: VN052476.D

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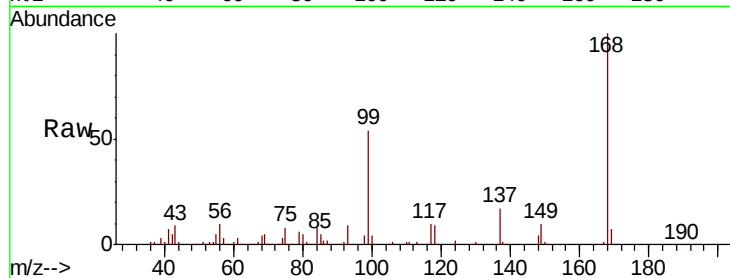
Tot Ion: 56 Resp: 94569

Ion Ratio Lower Upper

56 100

69 50.1 25.8 38.6#

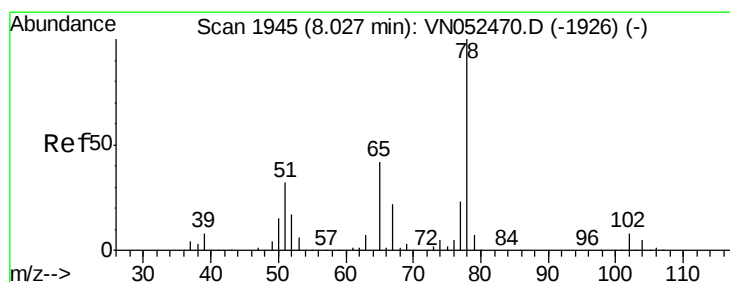
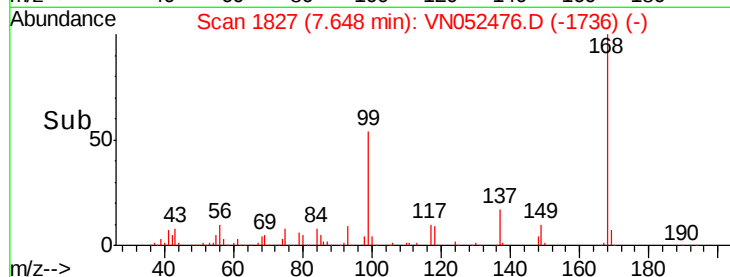
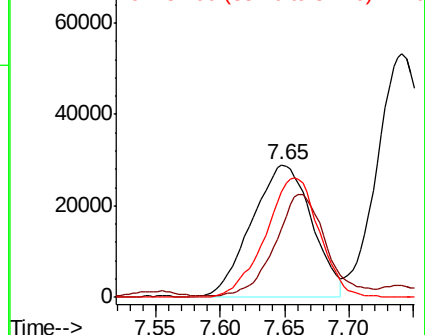
84 79.8 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052476.D

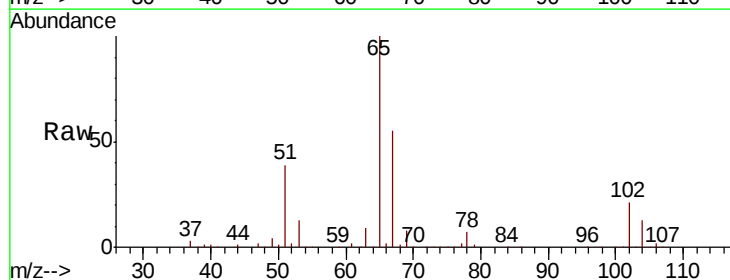
Acq: 27 Nov 2018 14:07

Tgt Ion: 65 Resp: 587216

Ion Ratio Lower Upper

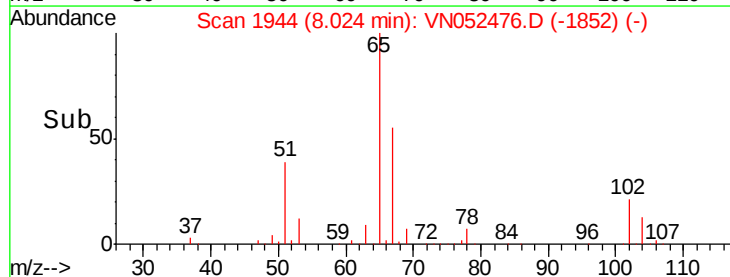
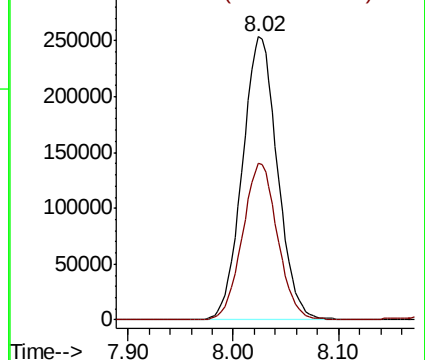
65 100

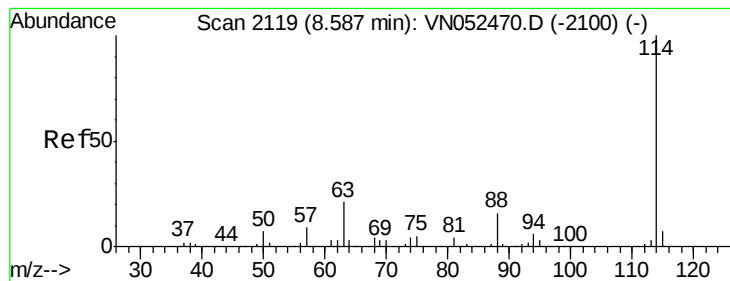
67 55.2 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

20180927-WCC-3-COMPOSITE

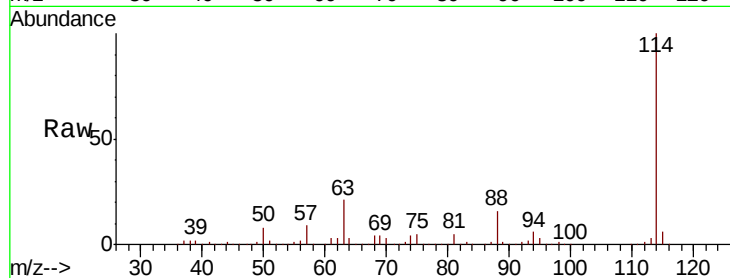
Tot Ion:114 Resp: 1781670

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.8

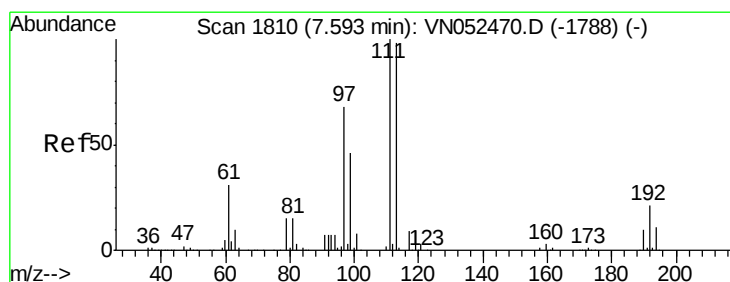
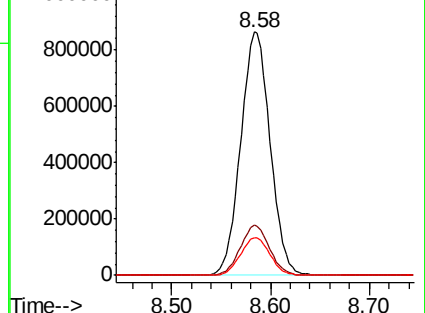
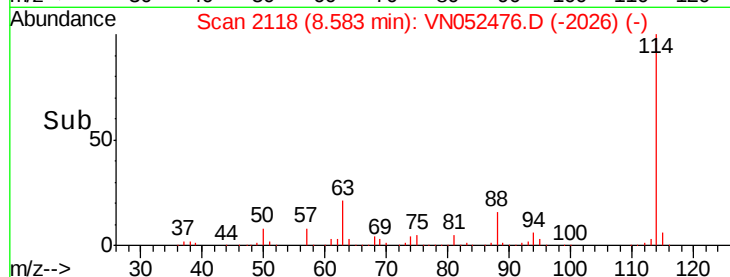
88 15.6 0.0 31.6



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: VN052476.D

Acq: 27 Nov 2018 14:07

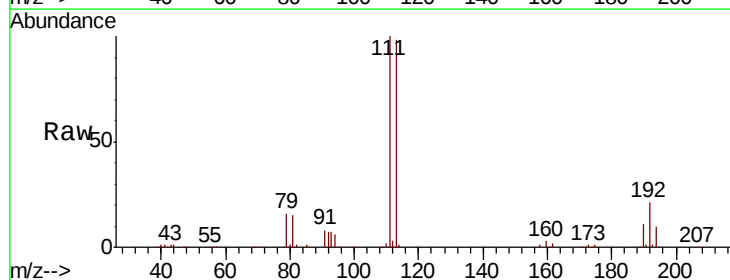
Tgt Ion:113 Resp: 534968

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

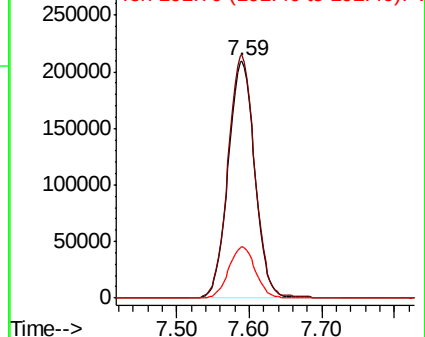
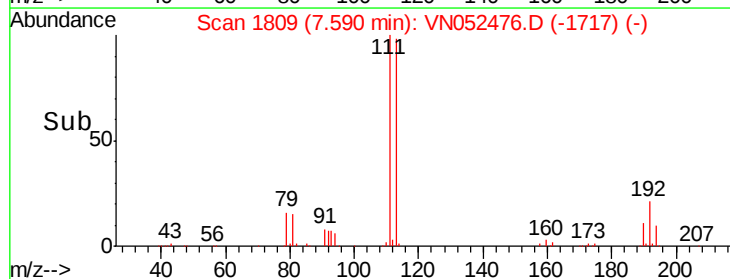
192 21.6 17.0 25.6

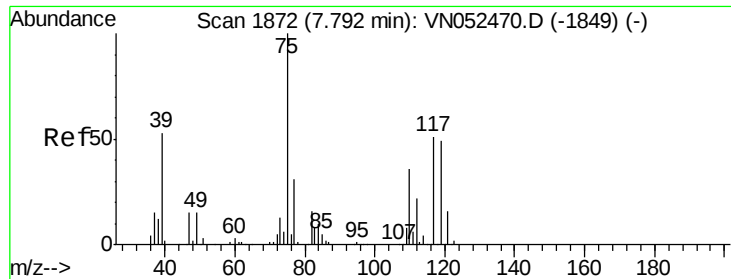


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

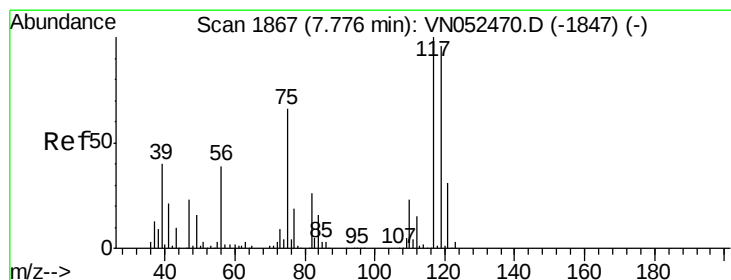
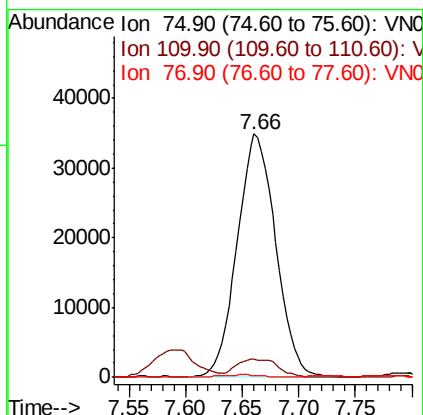
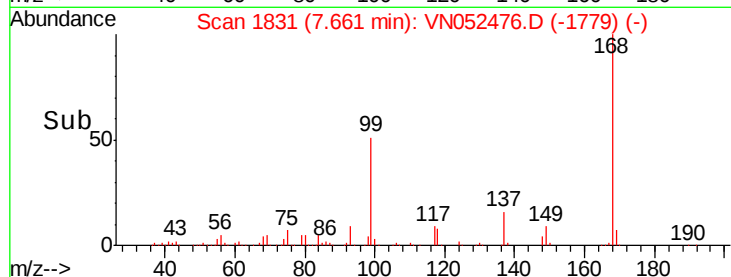
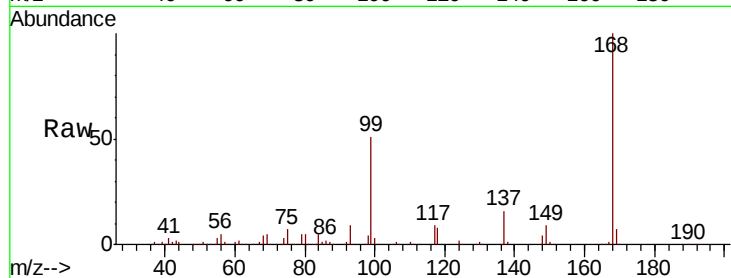




#36
 1,1-Dichloropropene
 Concen: 4.927 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

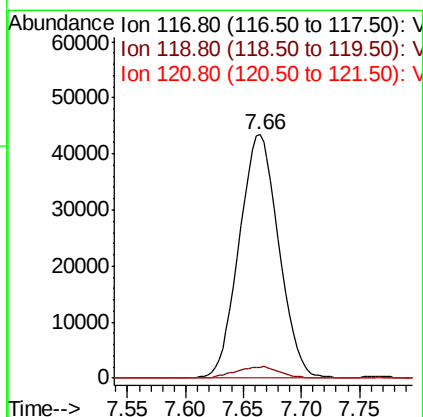
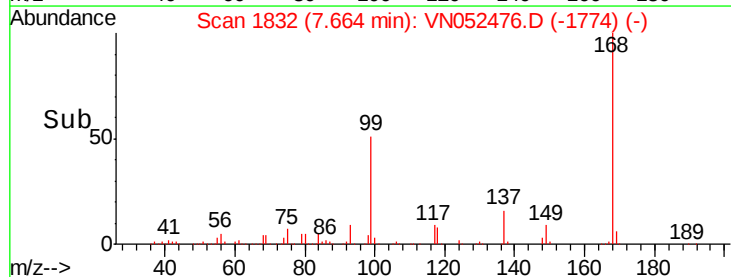
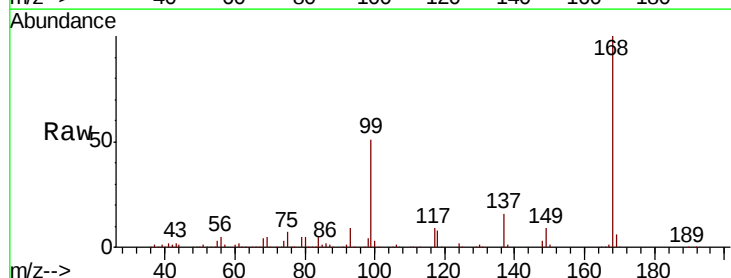
Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

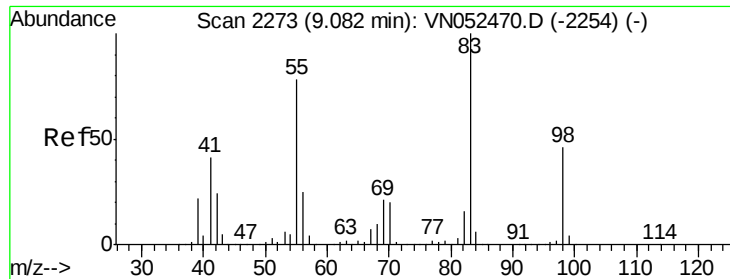
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.5	52.6#
77	1.1	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.782 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.8	115.2#
121	0.0	24.9	37.3#

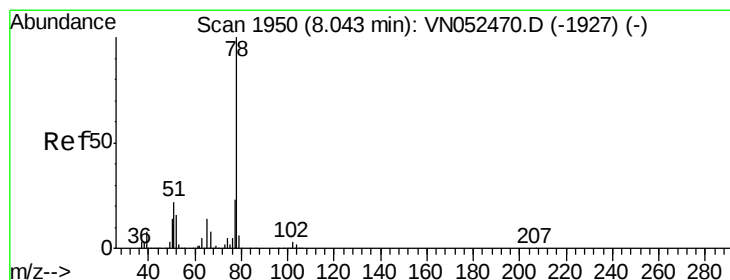
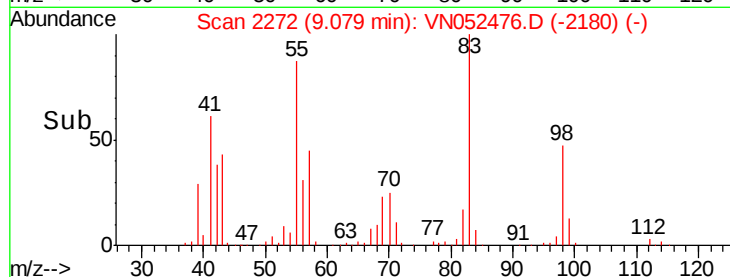
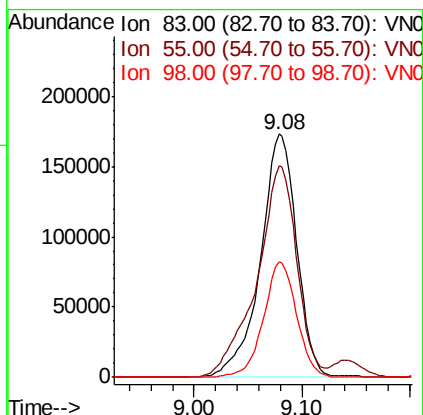
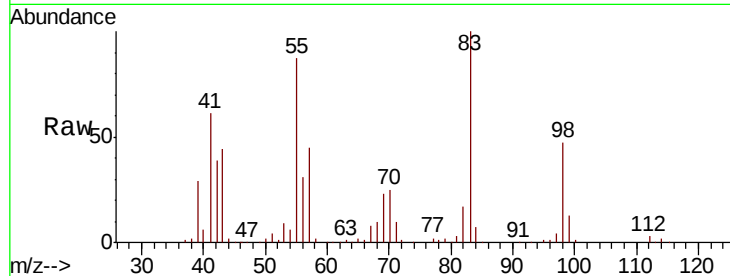




#39
Methvlcvclohexane
Concen: 19.703 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

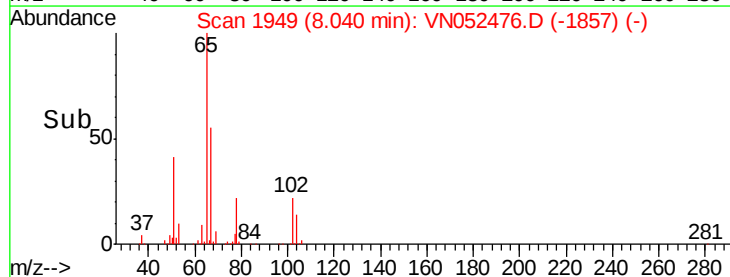
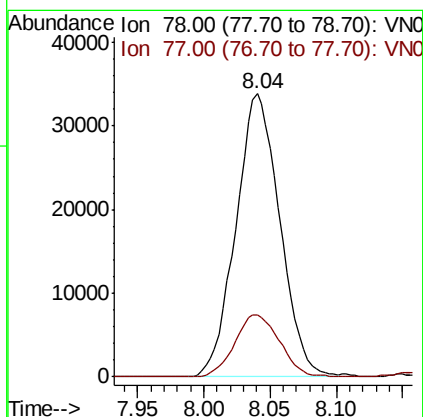
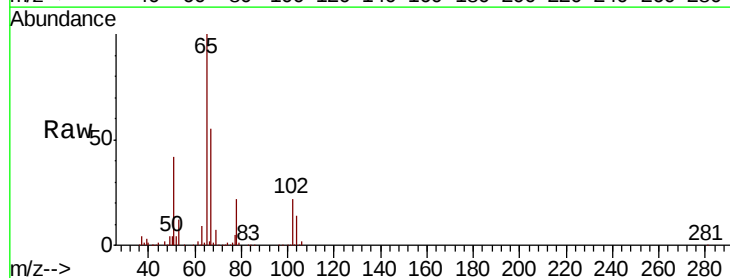
Instrument :
MSVOA_N
ClientSampleId :
20180927-WCC-3-COMPOSITE

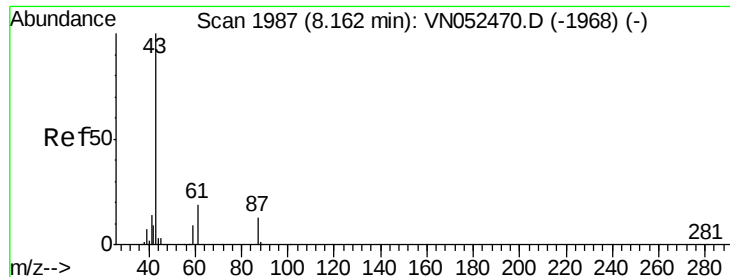
Tot Ion: 83 Resp: 402922
Ion Ratio Lower Upper
83 100
55 86.6 62.2 93.2
98 47.4 36.4 54.6



#40
Benzene
Concen: 1.557 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Tgt Ion: 78 Resp: 78056
Ion Ratio Lower Upper
78 100
77 21.8 18.8 28.2





#43

Isopropyl Acetate

Concen: 2.861 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

20180927-WCC-3-COMPOSITE

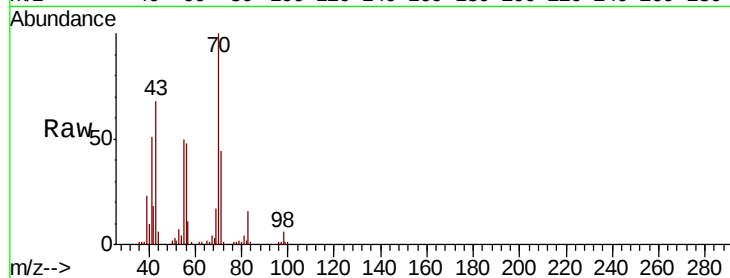
Tot Ion: 43 Resp: 49706

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

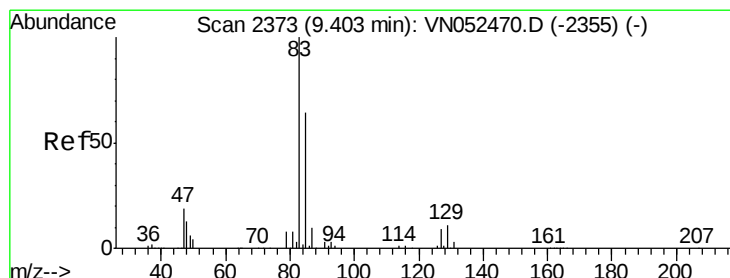
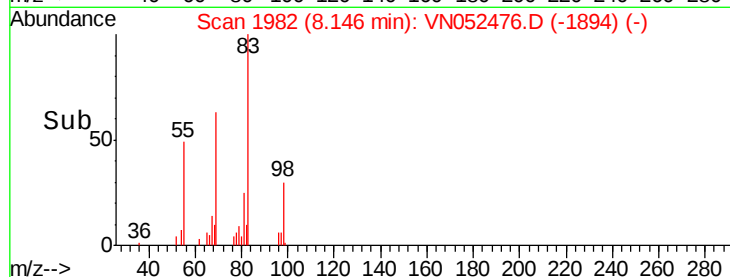
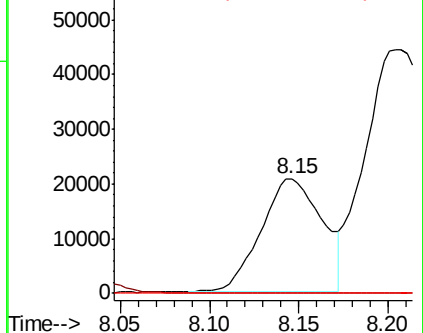
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.522 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.04 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

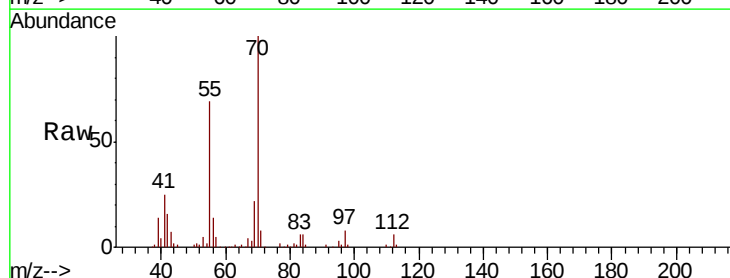
Tgt Ion: 83 Resp: 8378

Ion Ratio Lower Upper

83 100

85 6.5 51.3 76.9#

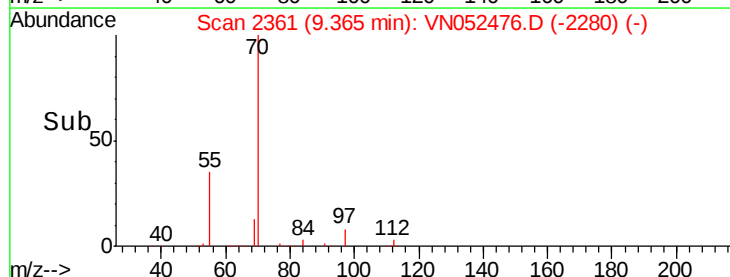
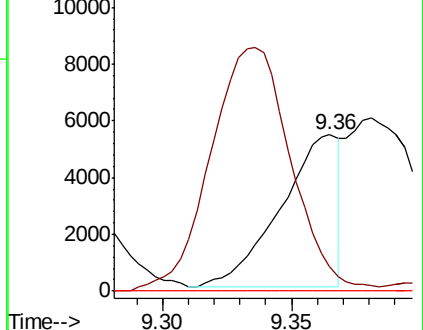
127 0.0 6.9 10.3#

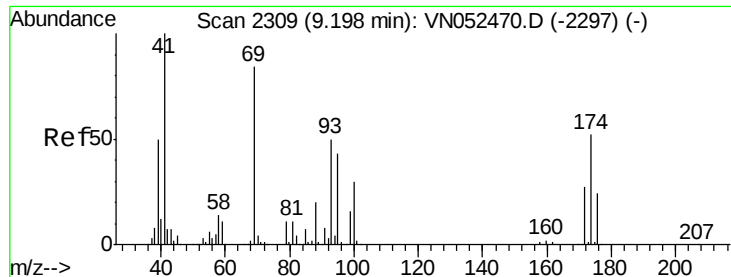


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

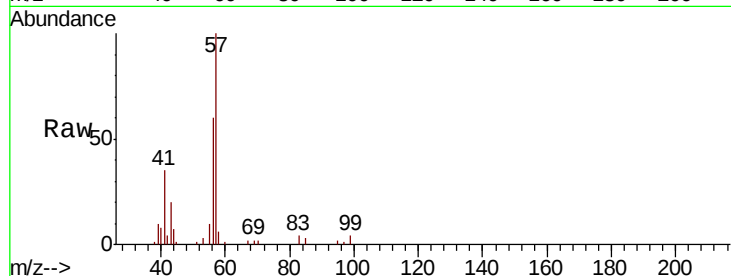




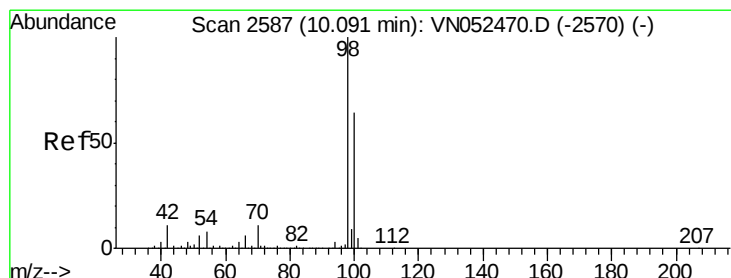
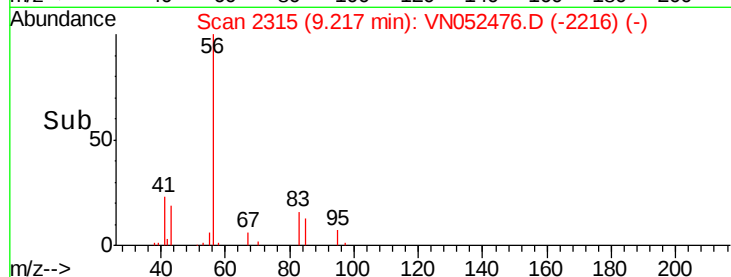
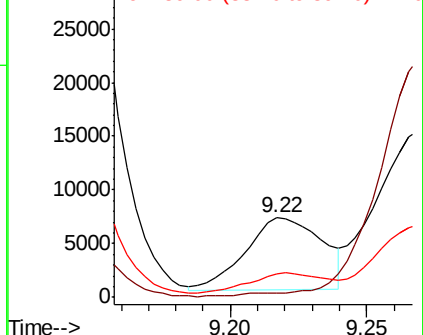
#48
Methvl methacrylate
Concen: 1.453 ug/l
RT: 9.22 min Scan# 2315
Delta R.T. 0.02 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Instrument :
MSVOA_N
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tot Ion: 41 Resp: 13164
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 0.0 42.6 64.0#

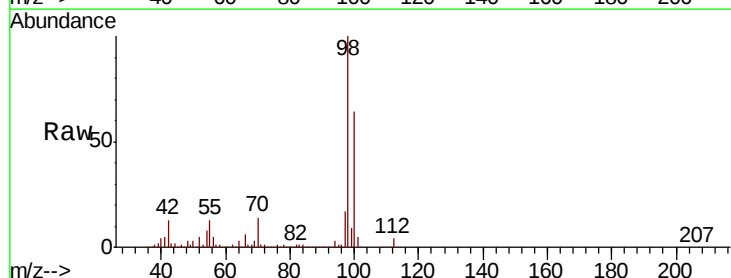


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

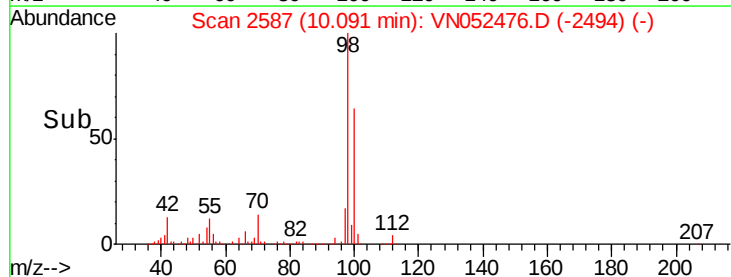
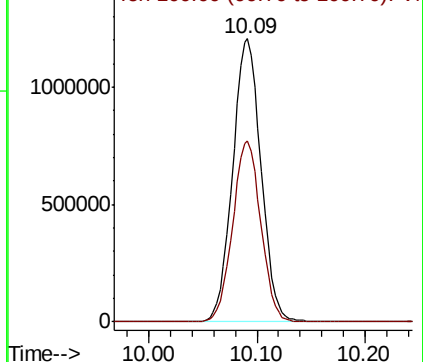


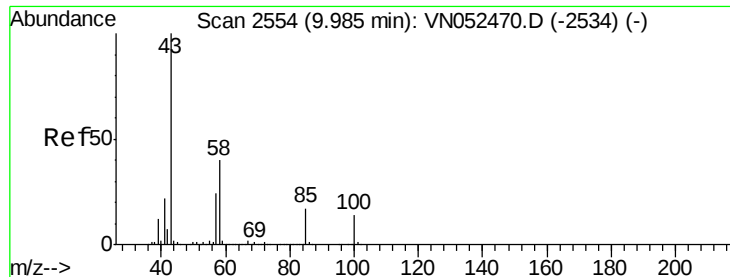
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Tgt Ion: 98 Resp: 2207881
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



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

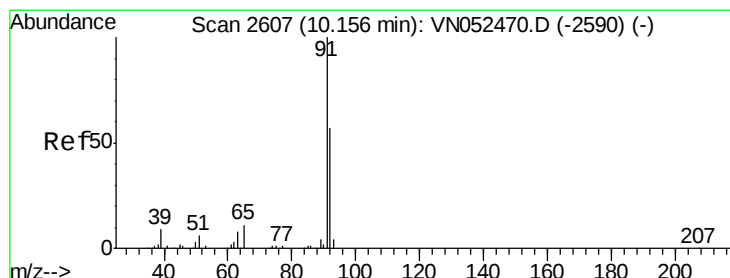
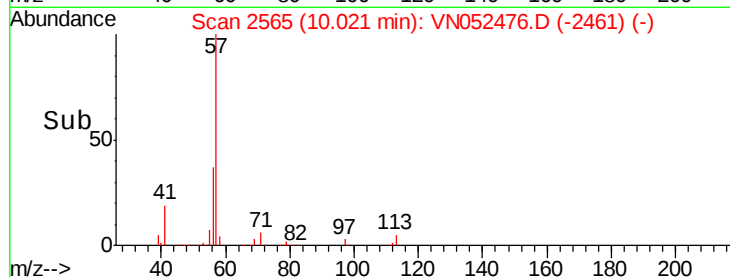
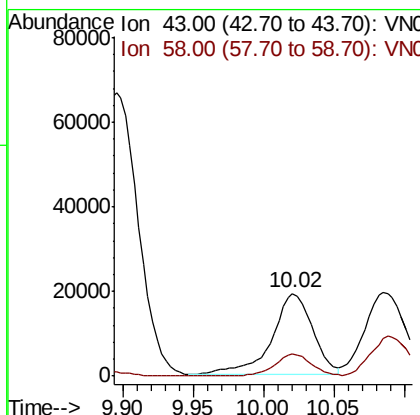
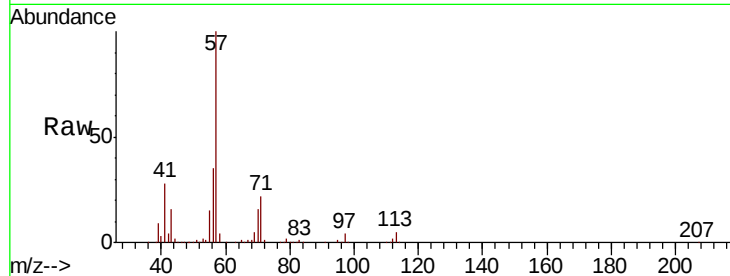




#51
 4-Methyl-2-Pentanone
 Concen: 3.956 ug/l
 RT: 10.02 min Scan# 2565
 Delta R.T. 0.04 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

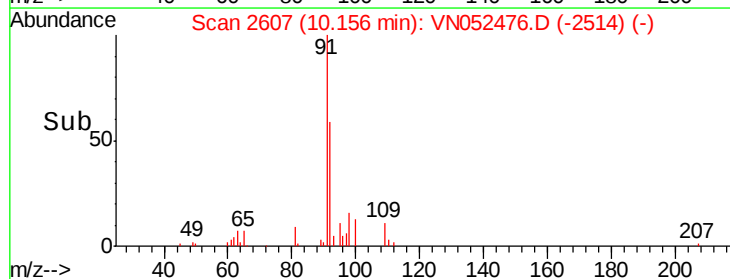
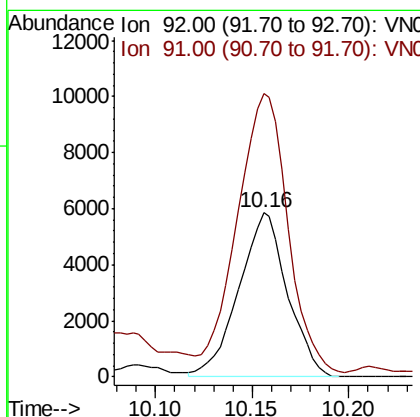
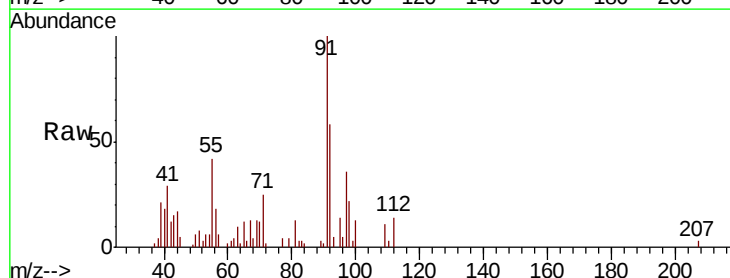
Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITEME

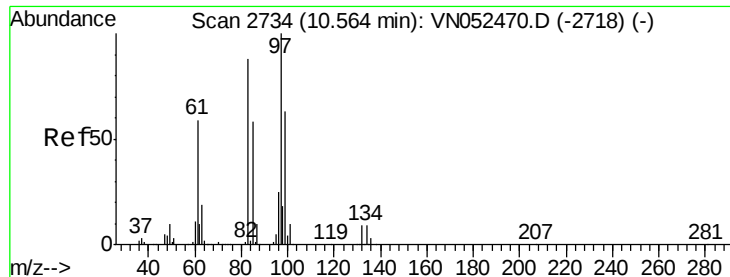
Tot Ion: 43 Resp: 38572
 Ion Ratio Lower Upper
 43 100
 58 24.6 31.5 47.3#



#52
 Toluene
 Concen: 0.343 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

Tgt Ion: 92 Resp: 10233
 Ion Ratio Lower Upper
 92 100
 91 177.9 141.0 211.4

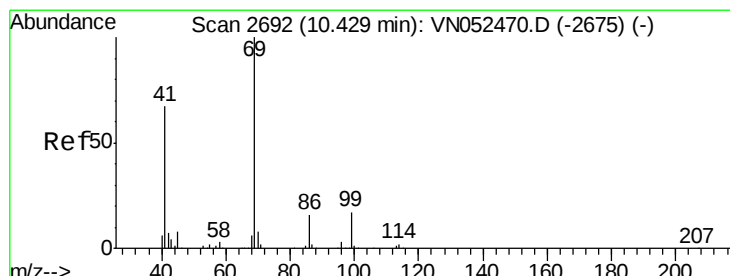
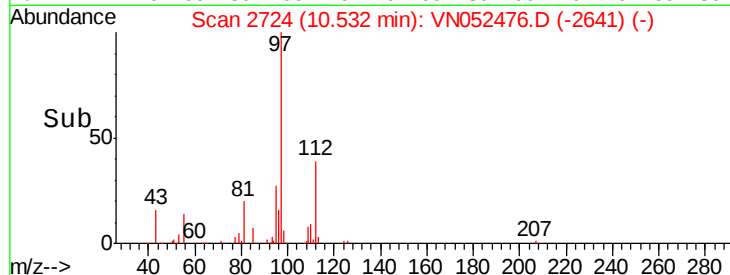
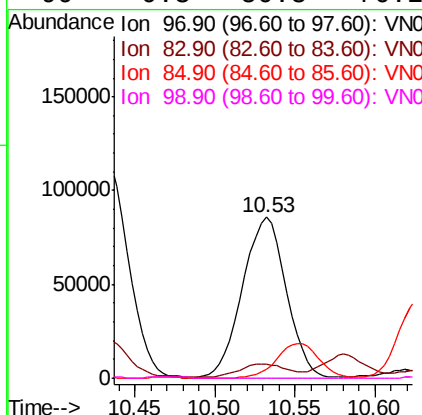
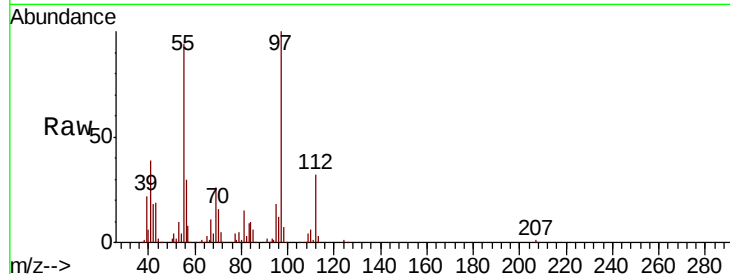




#55
 1,1,2-Trichloroethane
 Concen: 15.266 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

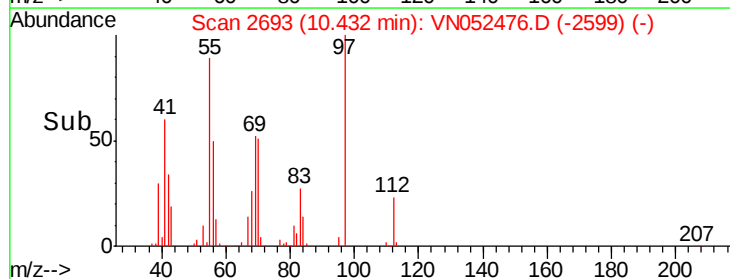
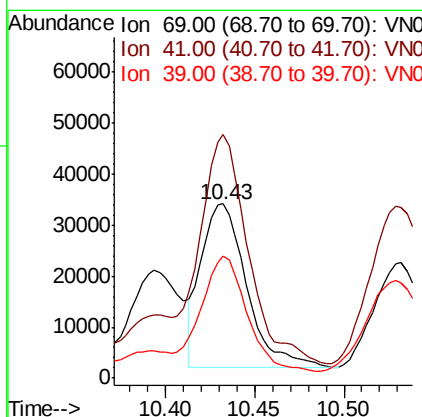
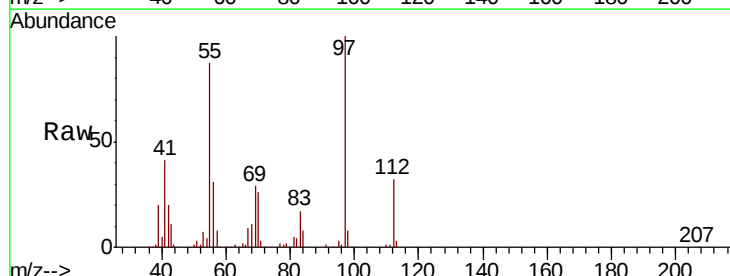
Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

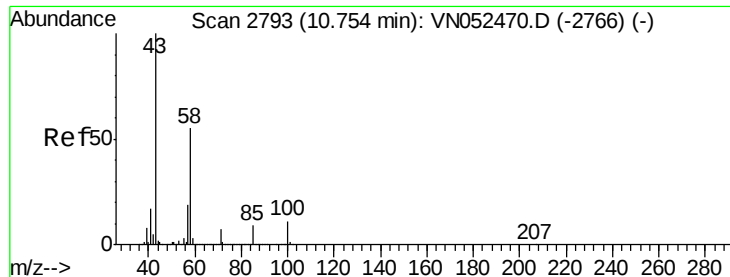
Tot Ion: 97 Resp: 159976
 Ion Ratio Lower Upper
 97 100
 83 7.7 70.7 106.1#
 85 5.4 46.1 69.1#
 99 0.3 50.8 76.2#



#56
 Ethyl methacrylate
 Concen: 6.368 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

Tgt Ion: 69 Resp: 56521
 Ion Ratio Lower Upper
 69 100
 41 151.2 52.6 79.0#
 39 71.3 25.9 38.9#

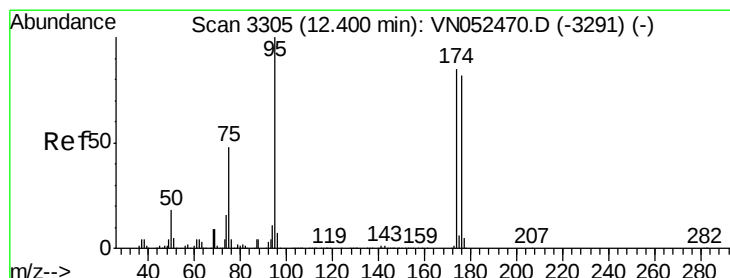
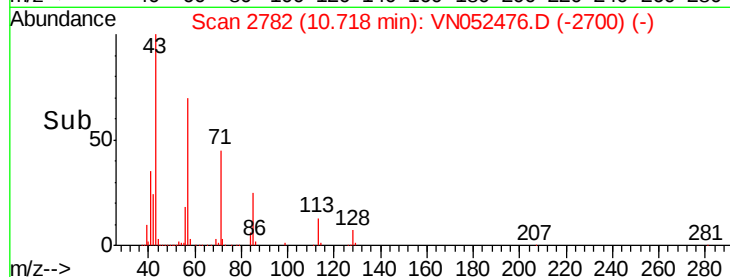
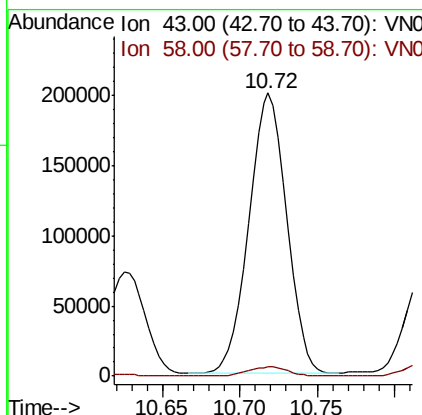
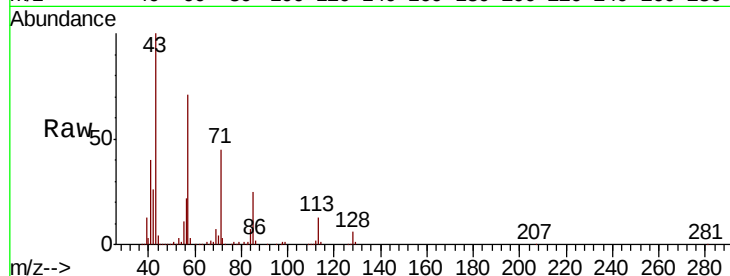




#59
2-Hexanone
Concen: 52.081 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

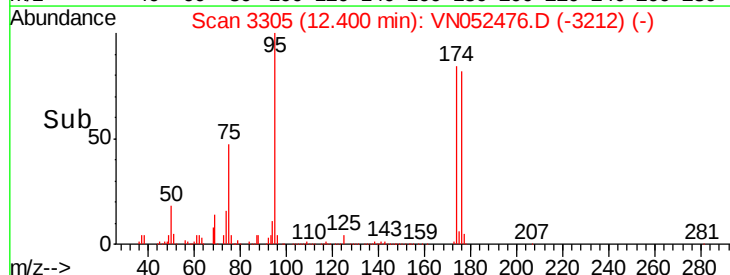
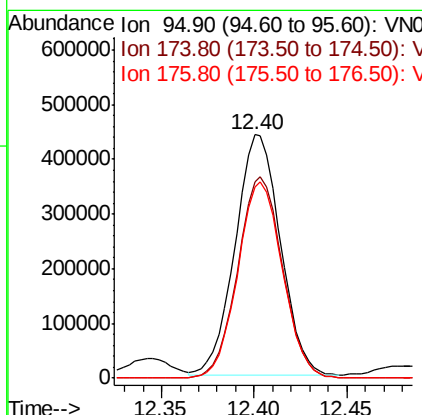
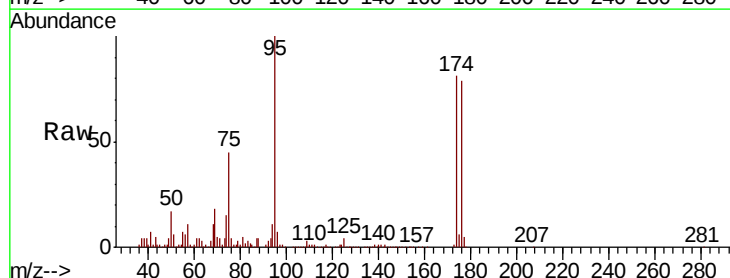
Instrument :
MSVOA_N
ClientSampleId :
20180927-WCC-3-COMPOSITE

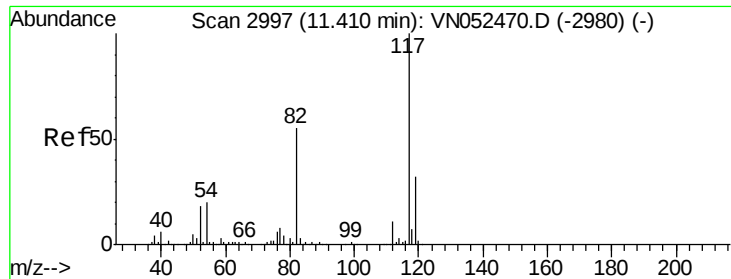
Tot Ion: 43 Resp: 340790
Ion Ratio Lower Upper
43 100
58 3.7 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Tgt Ion: 95 Resp: 741389
Ion Ratio Lower Upper
95 100
174 83.2 0.0 173.0
176 81.0 0.0 166.2

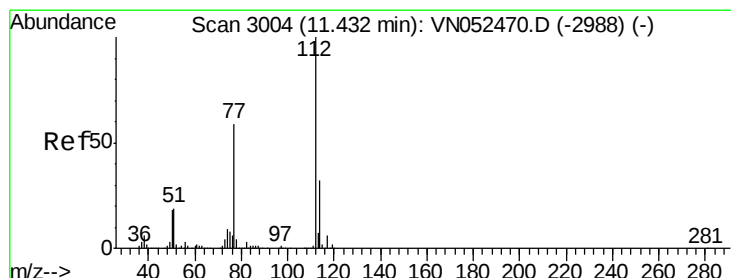
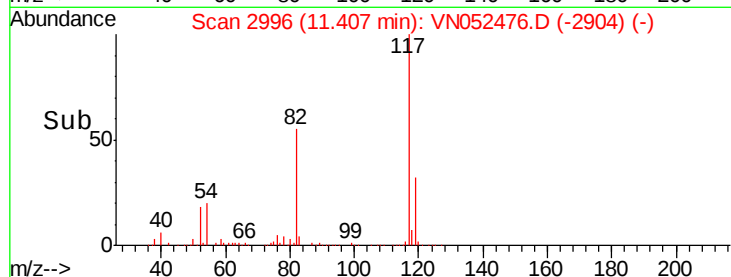
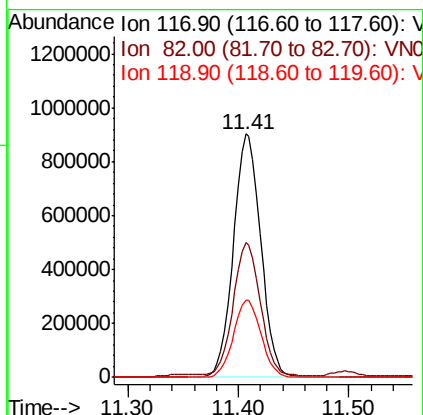
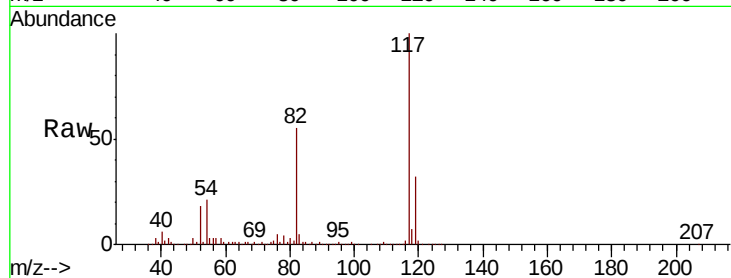




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

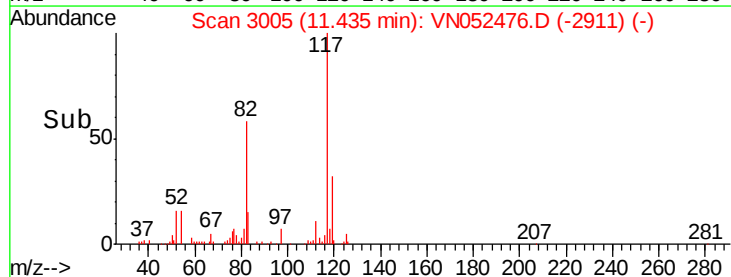
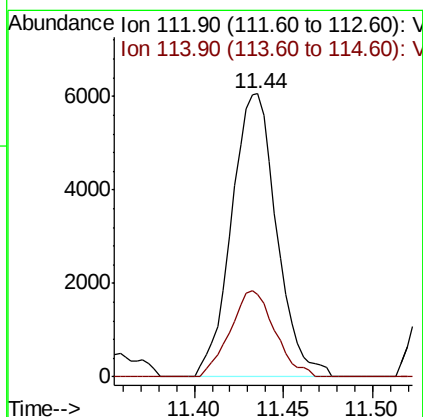
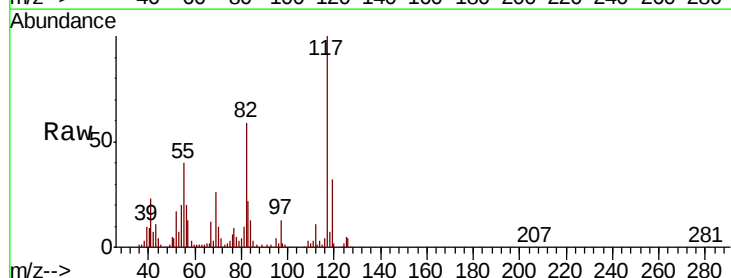
Instrument :
MSVOA_N
ClientSampleId :
20180927-WCC-3-COMPOSITE

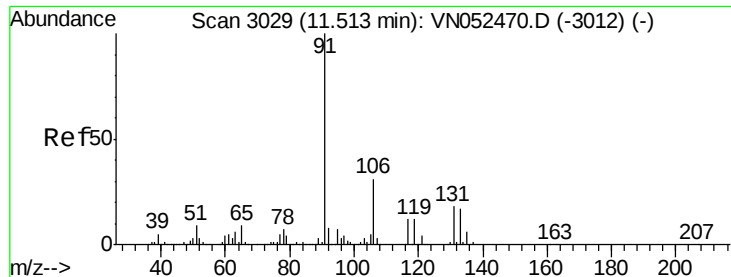
Tot Ion:117 Resp: 1549424
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 31.9 25.4 38.2



#65
Chlorobenzene
Concen: 0.335 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Tgt Ion:112 Resp: 10713
Ion Ratio Lower Upper
112 100
114 29.1 25.8 38.6

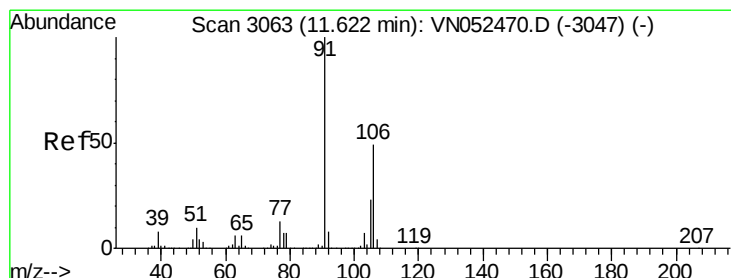
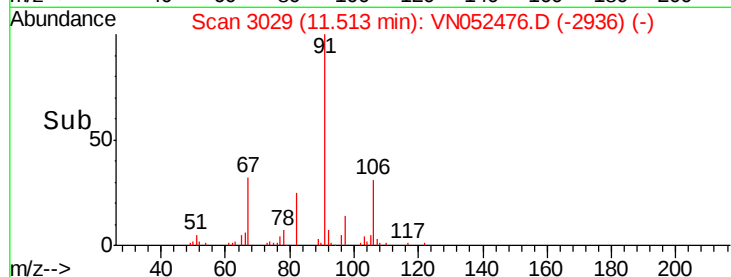
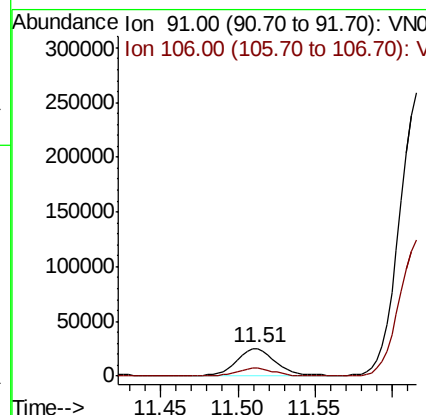
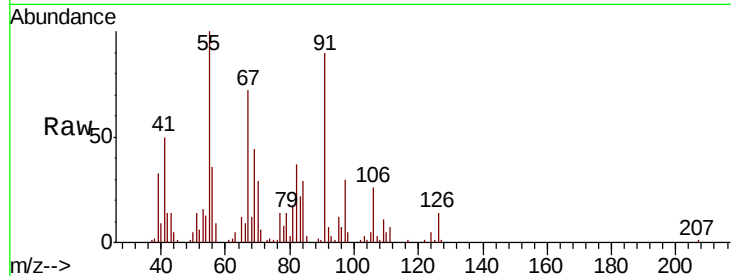




#67
Ethyl Benzene
Concen: 0.748 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

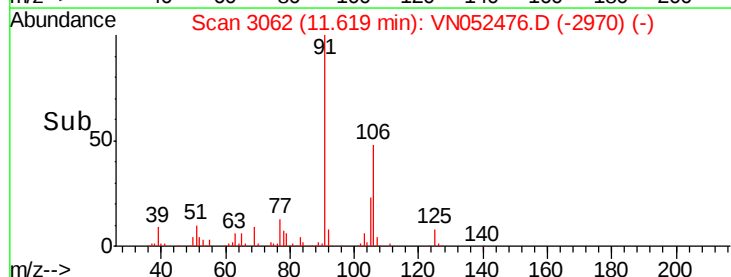
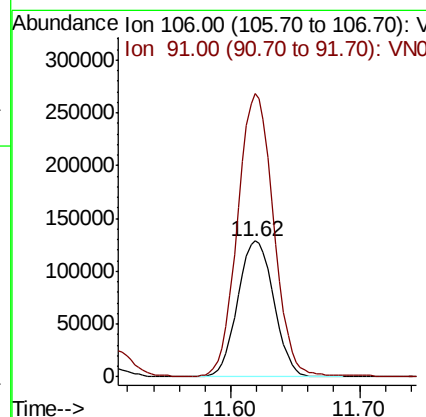
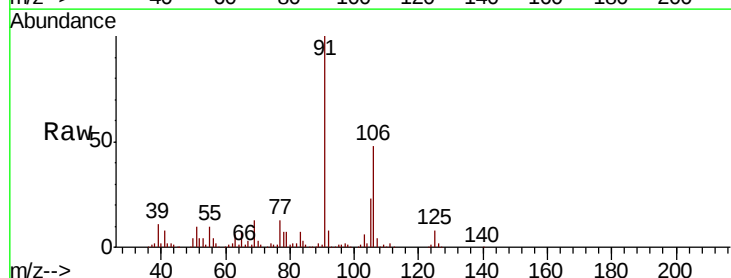
Instrument :
MSVOA_N
ClientSampleId :
20180927-WCC-3-COMPOSITE

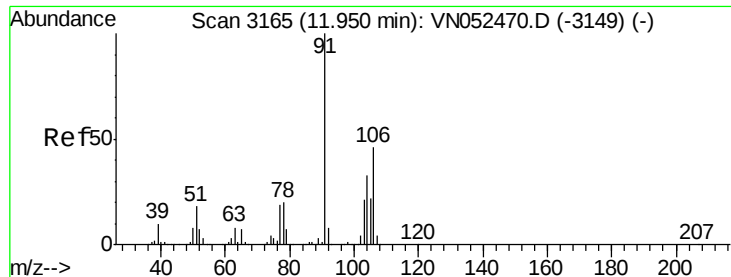
Tot Ion: 91 Resp: 41869
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3



#68
m/p-Xylenes
Concen: 12.036 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Tgt Ion: 106 Resp: 250691
Ion Ratio Lower Upper
106 100
91 205.6 163.2 244.8

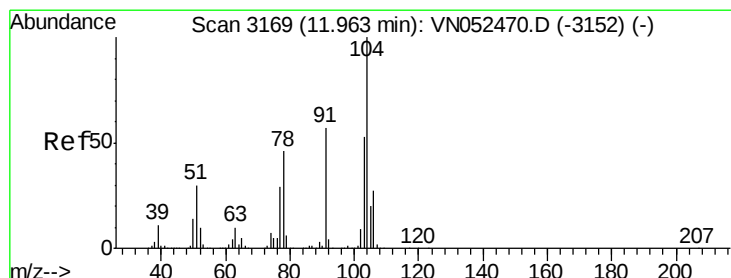
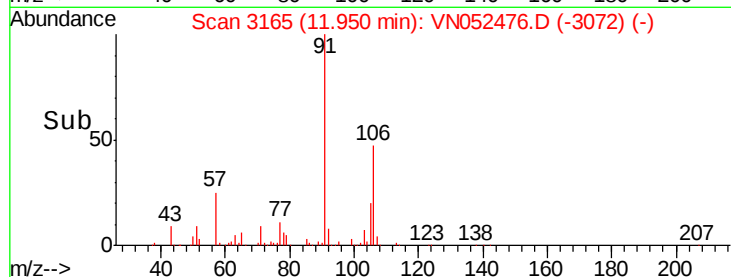
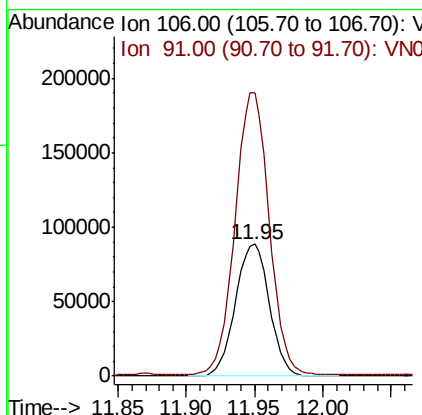
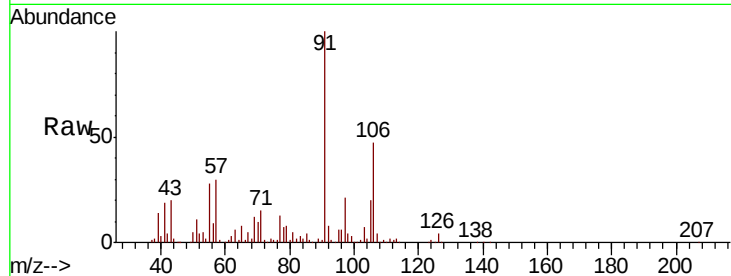




#69
o-Xylene
Concen: 7.570 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

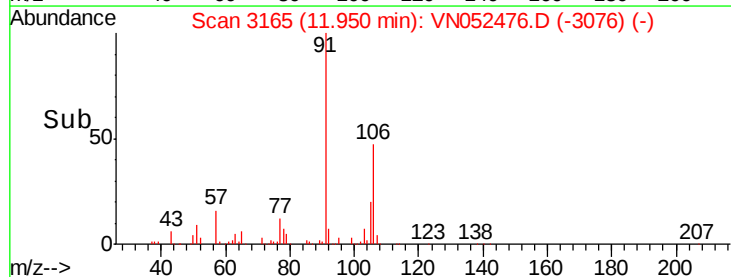
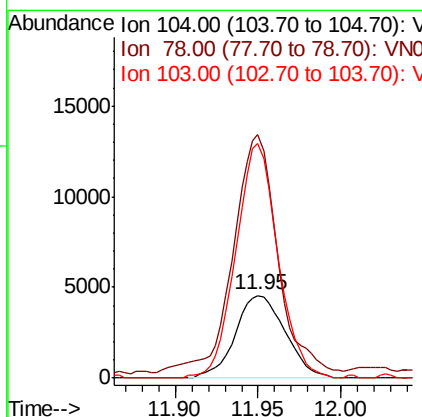
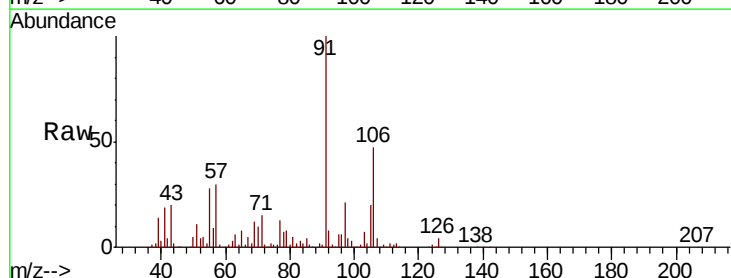
Instrument :
MSVOA_N
ClientSampleId :
20180927-WCC-3-COMPOSITEME

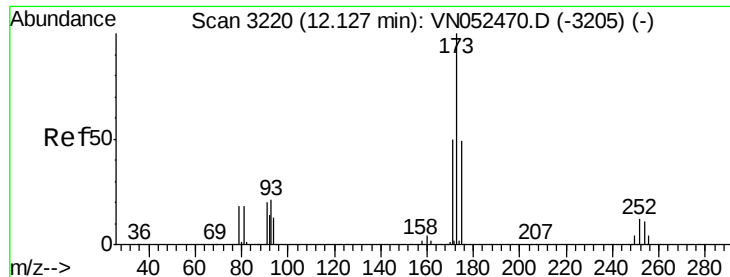
Tot Ion:106 Resp: 153108
Ion Ratio Lower Upper
106 100
91 212.7 107.7 323.1



#70
Styrene
Concen: 0.297 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN052476.D
Acq: 27 Nov 2018 14:07

Tgt Ion:104 Resp: 9565
Ion Ratio Lower Upper
104 100
78 255.3 39.4 59.2#
103 238.7 44.9 67.3#





#71

Bromoform

Concen: 0.520 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

20180927-WCC-3-COMPOSITEME

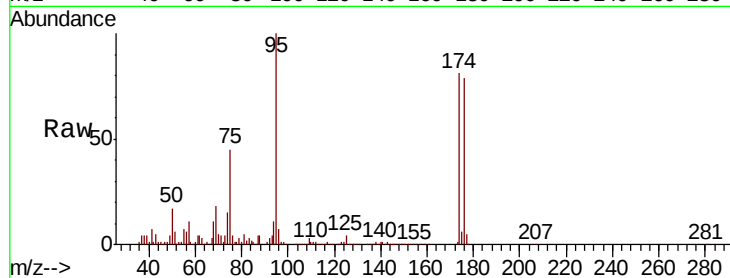
Tot Ion:173 Resp: 3825

Ion Ratio Lower Upper

173 100

175 1011.8 24.4 73.2#

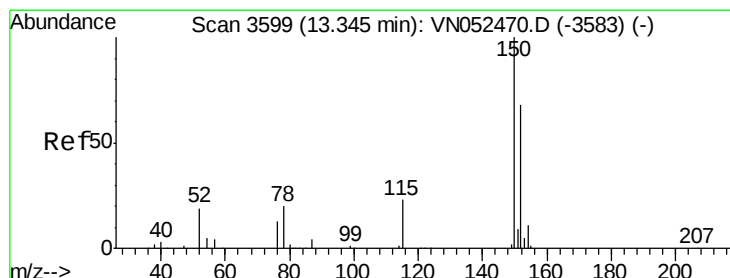
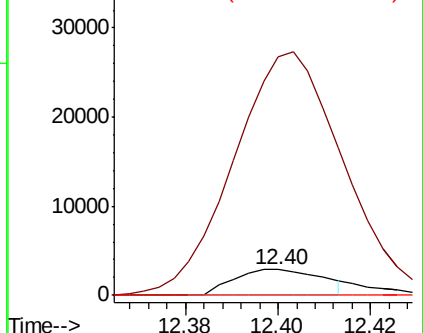
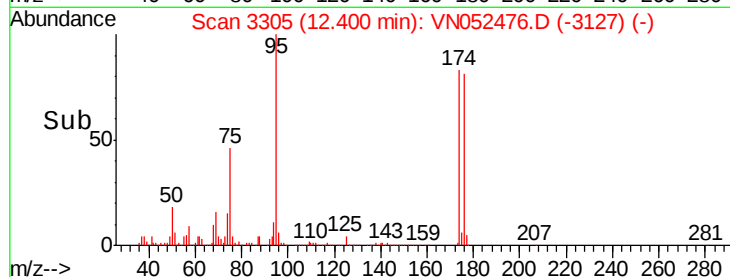
254 0.0 0.1 0.1#



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: VN052476.D

Acq: 27 Nov 2018 14:07

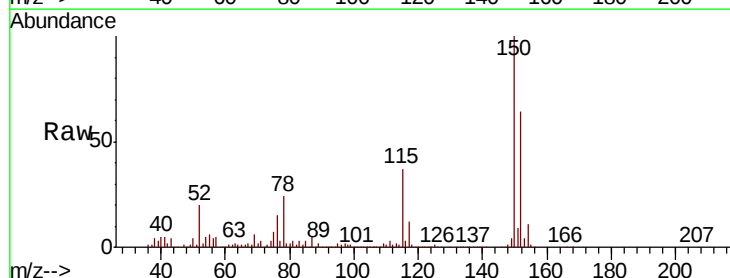
Tgt Ion:152 Resp: 672109

Ion Ratio Lower Upper

152 100

115 57.4 28.4 85.2

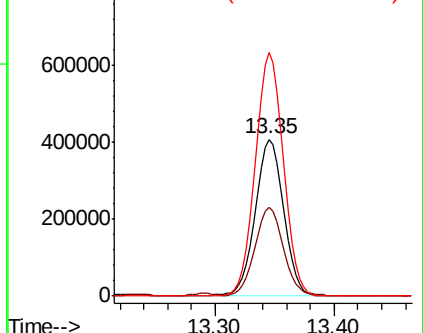
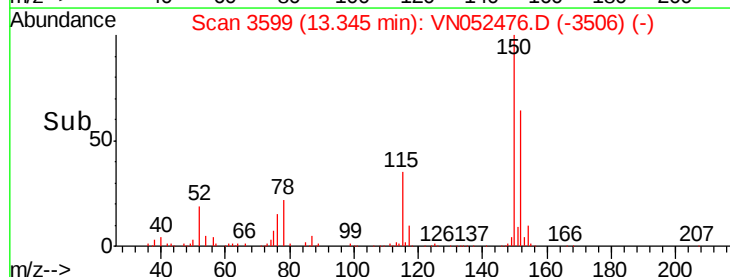
150 153.7 0.0 346.0

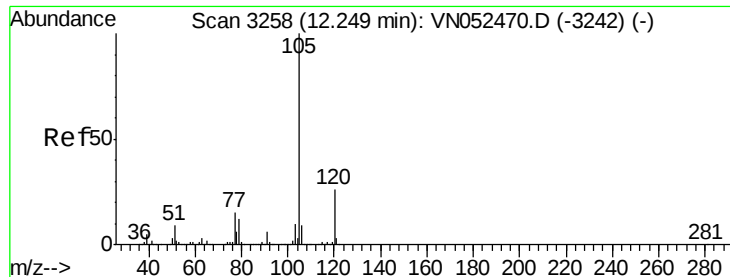


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.114 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

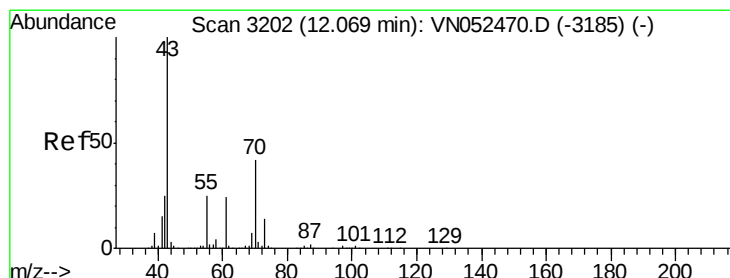
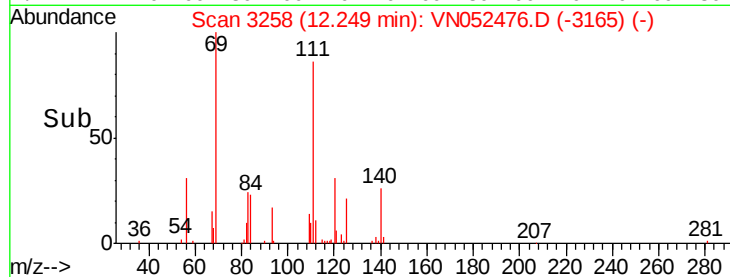
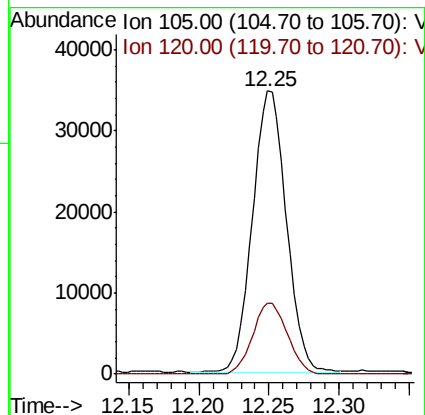
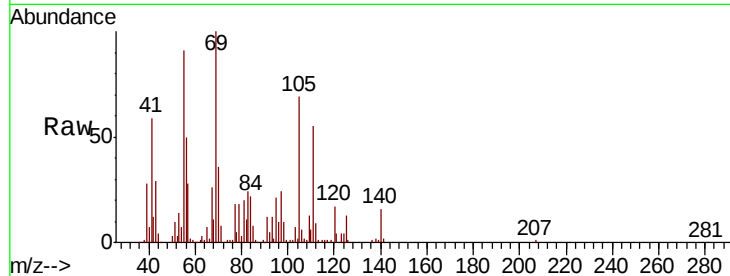
20180927-WCC-3-COMPOSITEME

Tot Ion:105 Resp: 58748

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.3



#74

N-ethyl acetate

Concen: 17.277 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Tgt Ion: 43 Resp: 230167

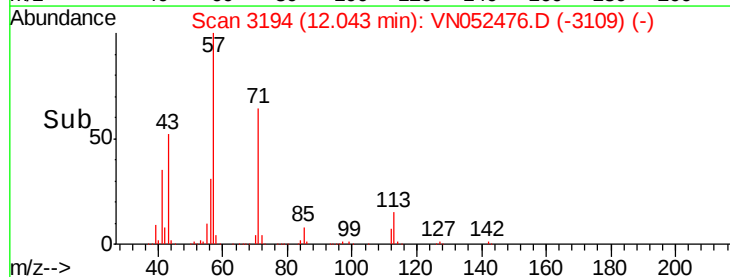
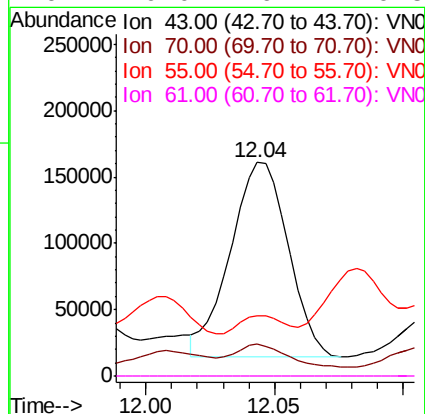
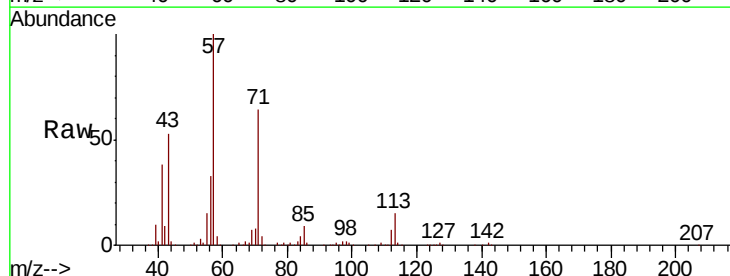
Ion Ratio Lower Upper

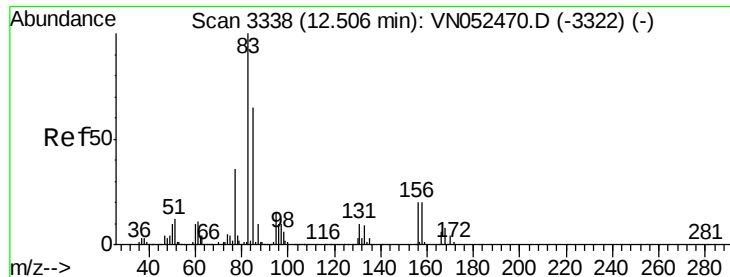
43 100

70 10.7 33.8 50.8#

55 7.3 20.0 30.0#

61 0.0 19.7 29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.991 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.03 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

20180927-WCC-3-COMPOSITE

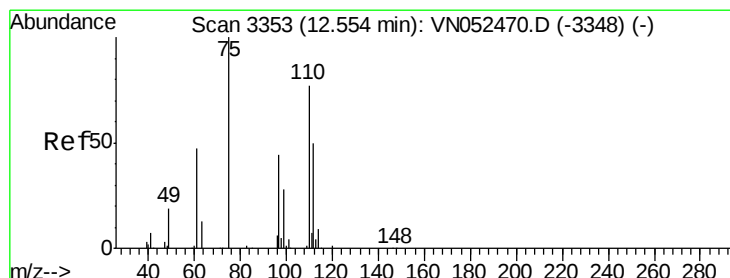
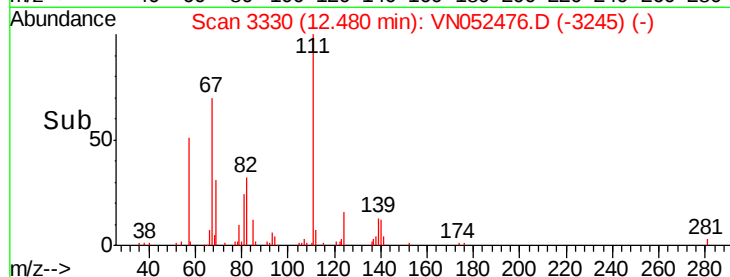
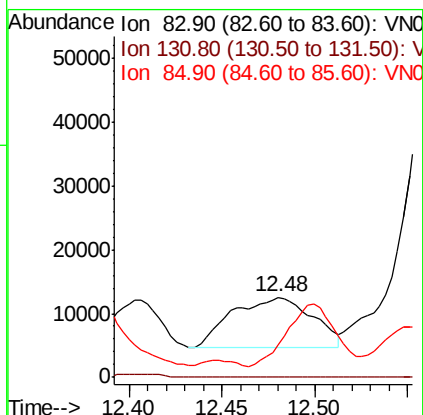
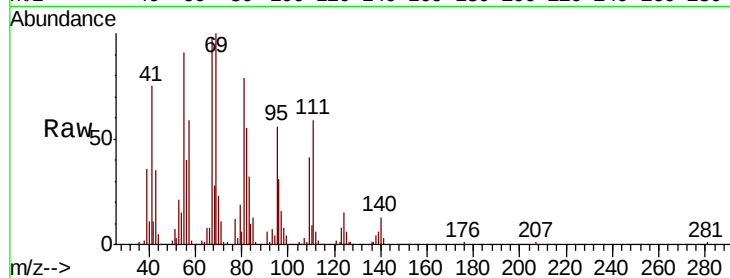
Tot Ion: 83 Resp: 23881

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 73.5 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 32.891 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052476.D

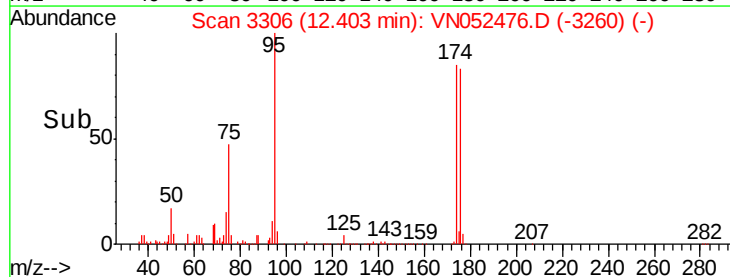
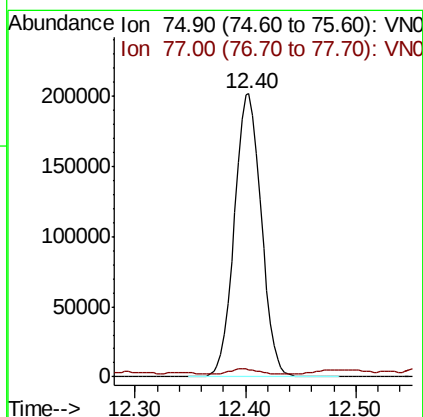
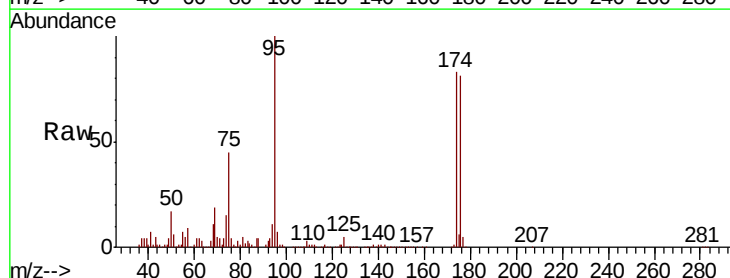
Acq: 27 Nov 2018 14:07

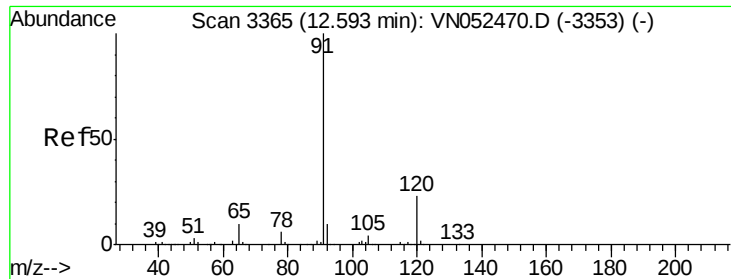
Tgt Ion: 75 Resp: 340896

Ion Ratio Lower Upper

75 100

77 2.1 0.0 0.0#





#78

n-propylbenzene

Concen: 3.028 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

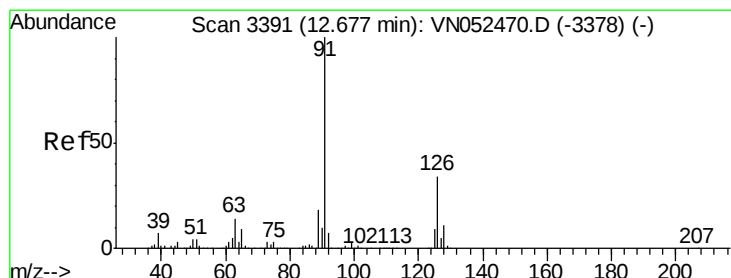
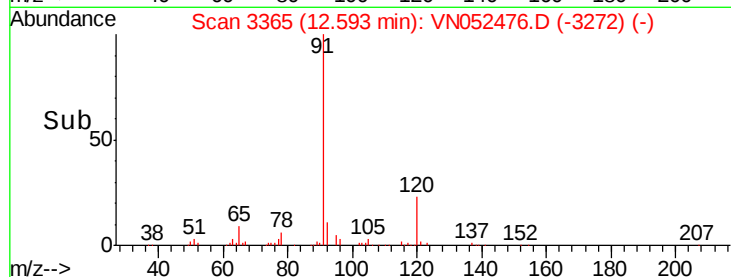
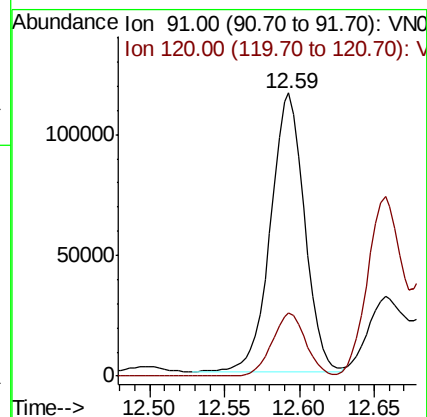
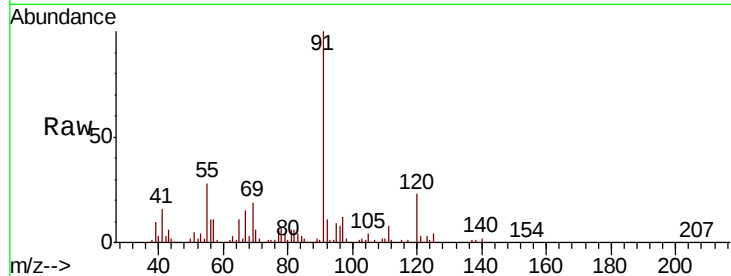
20180927-WCC-3-COMPOSITEME

Tot Ion: 91 Resp: 181415

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.9



#79

2-Chlorotoluene

Concen: 0.208 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN052476.D

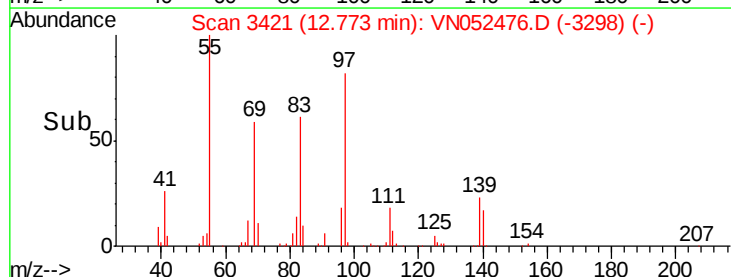
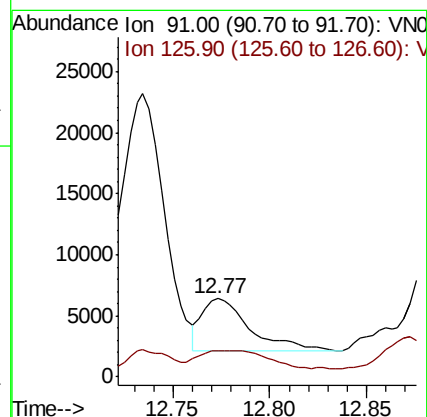
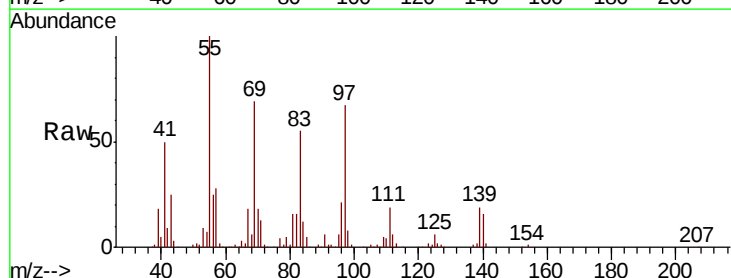
Acq: 27 Nov 2018 14:07

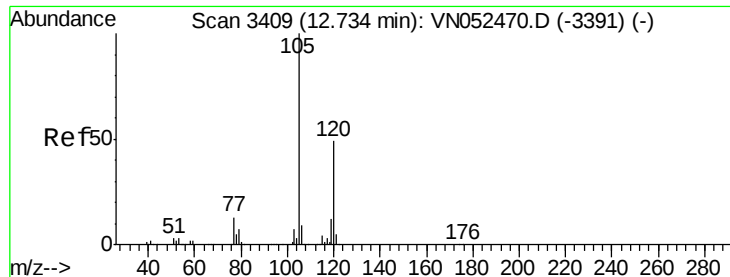
Tgt Ion: 91 Resp: 7407

Ion Ratio Lower Upper

91 100

126 47.0 17.2 51.6





#80

1,3,5-Trimethylbenzene

Concen: 6.736 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

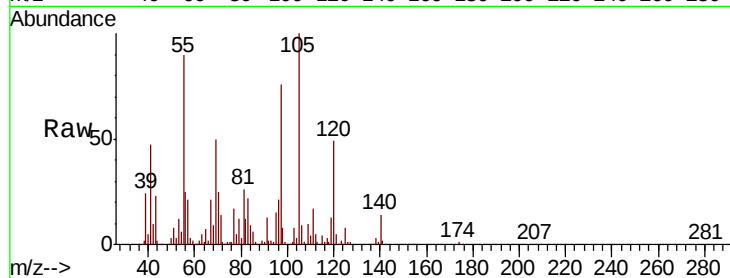
20180927-WCC-3-COMPOSITE

Tot Ion:105 Resp: 283288

Ion Ratio Lower Upper

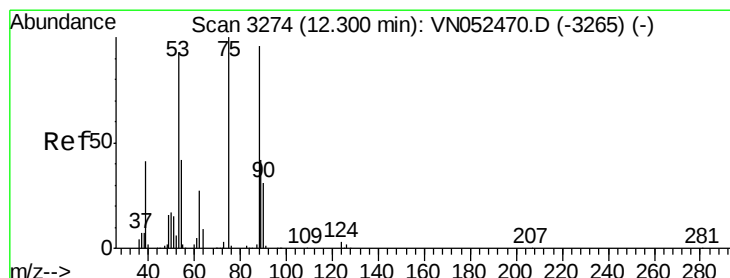
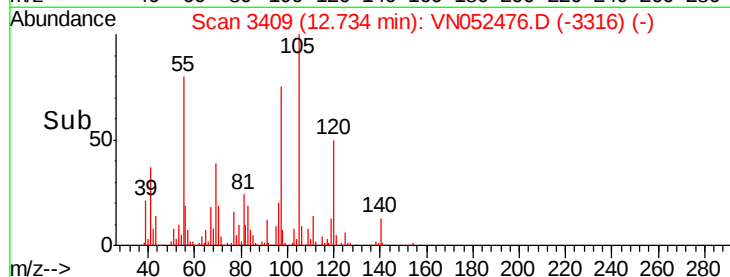
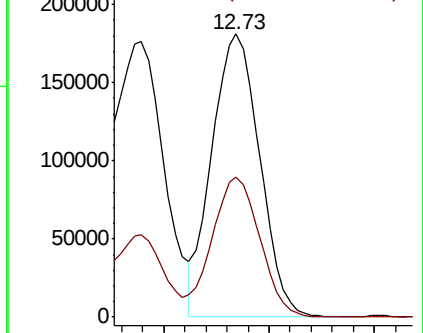
105 100

120 50.2 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 109.842 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

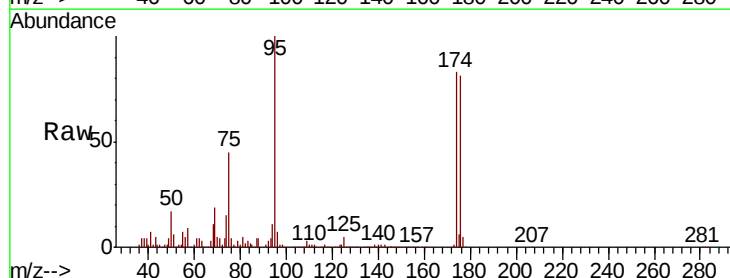
Tgt Ion: 75 Resp: 340896

Ion Ratio Lower Upper

75 100

53 2.6 77.4 116.0#

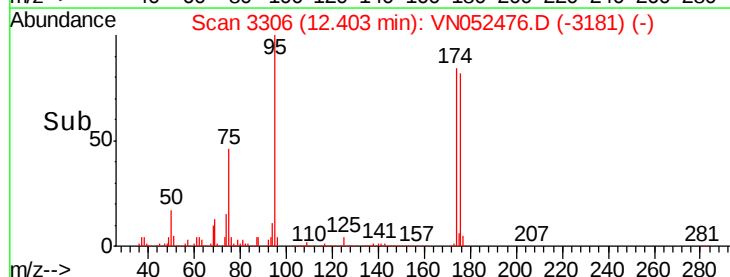
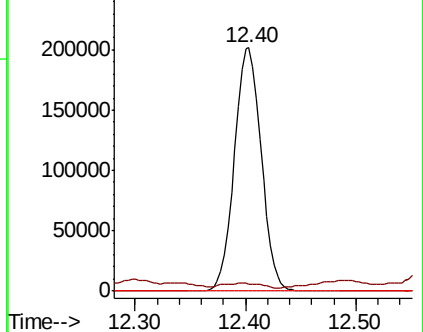
89 0.0 35.4 53.2#

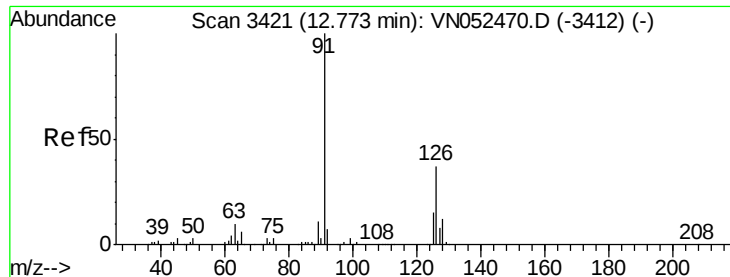


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.206 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

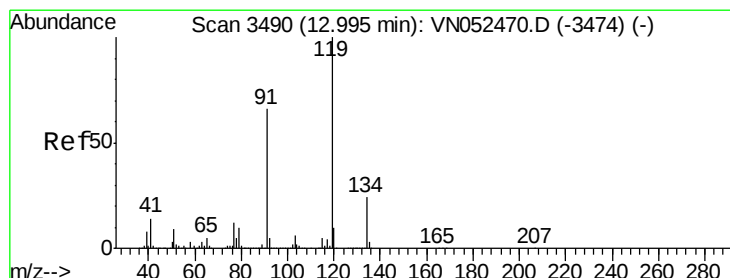
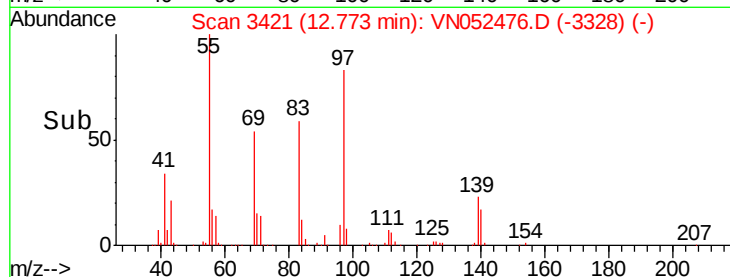
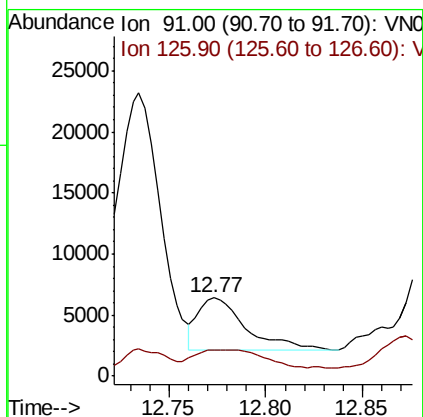
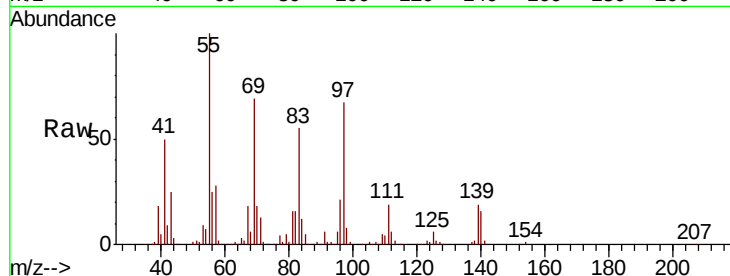
20180927-WCC-3-COMPOSITEME

Tot Ion: 91 Resp: 7407

Ion Ratio Lower Upper

91 100

126 49.4 16.9 50.6



#83

tert-Butylbenzene

Concen: 0.277 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

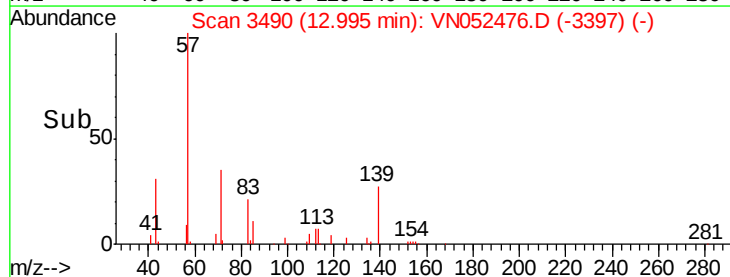
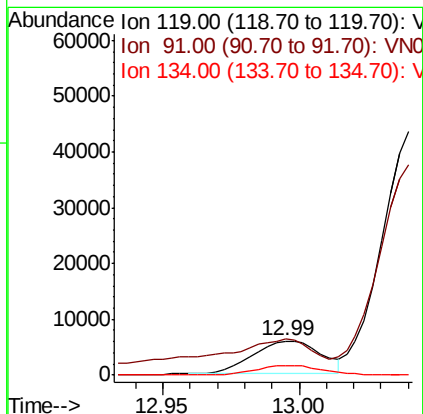
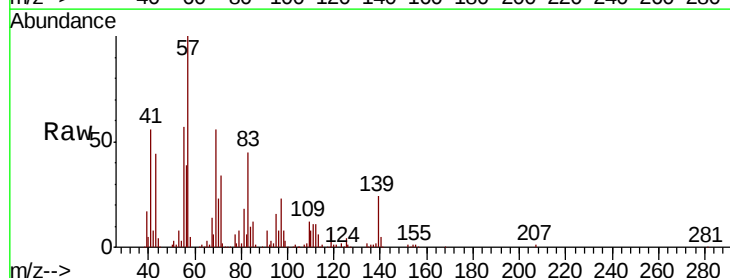
Tgt Ion: 119 Resp: 10379

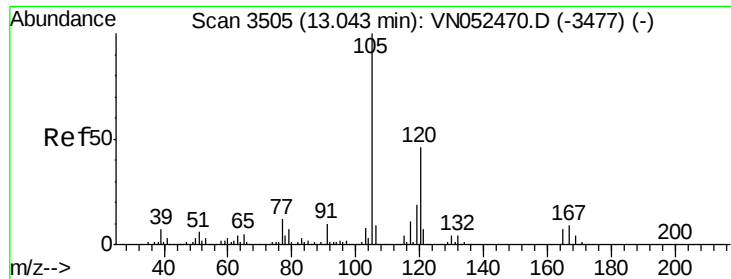
Ion Ratio Lower Upper

119 100

91 83.7 32.3 96.9

134 27.8 13.0 38.9

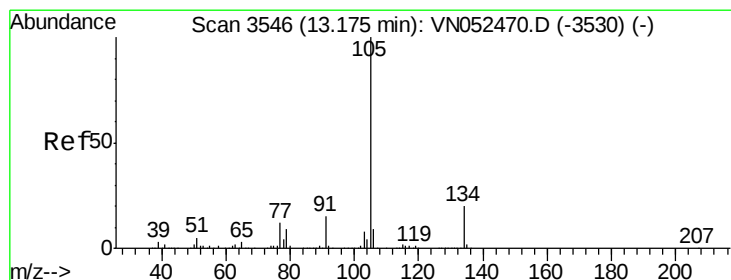
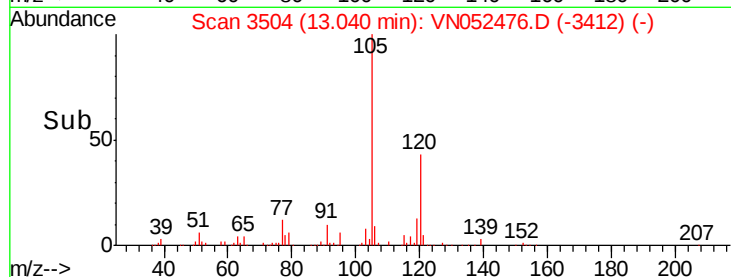
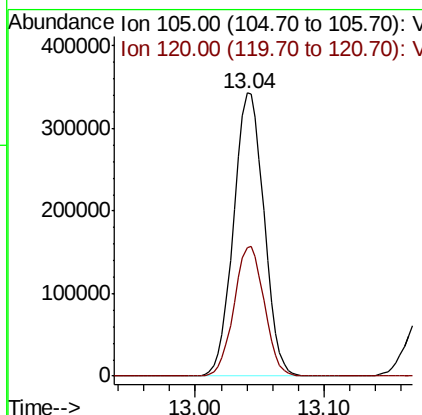
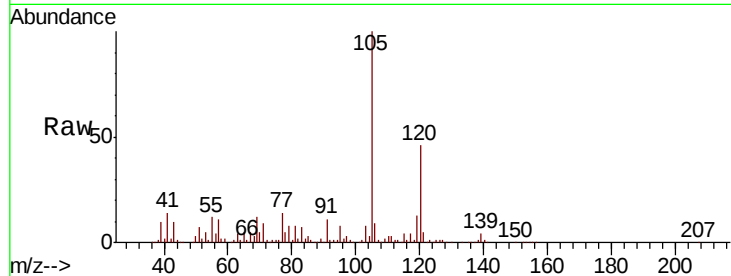




#84
 1,2,4-Trimethylbenzene
 Concen: 13.276 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

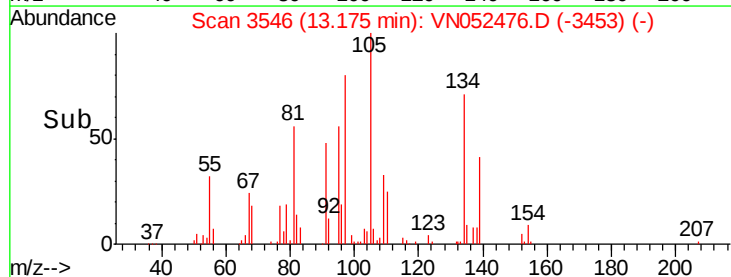
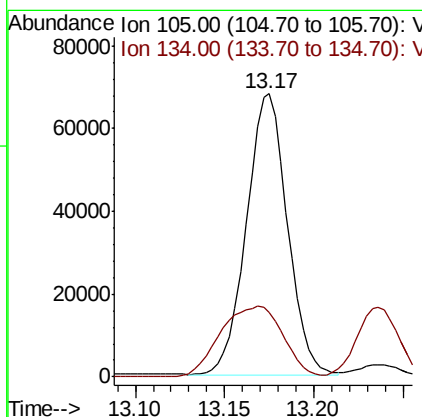
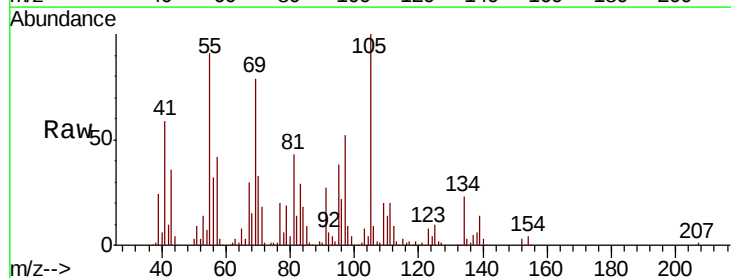
Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

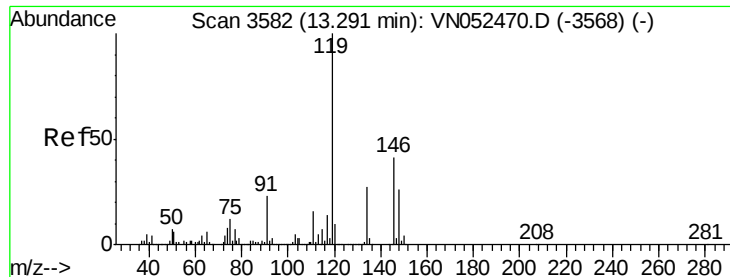
Tot Ion:105 Resp: 559539
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 2.123 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

Tgt Ion:105 Resp: 108433
 Ion Ratio Lower Upper
 105 100
 134 38.4 9.9 29.7#

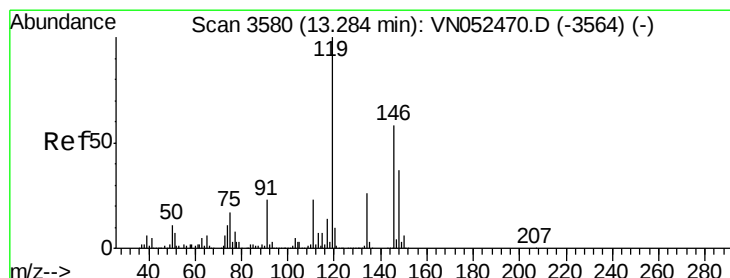
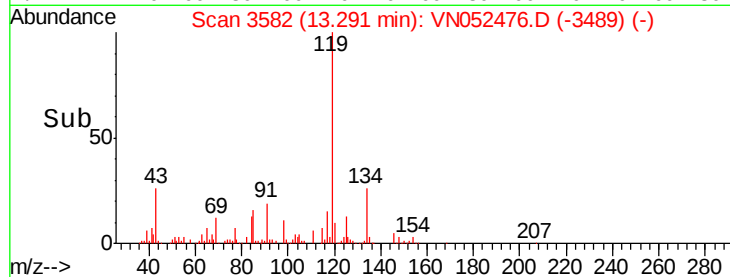
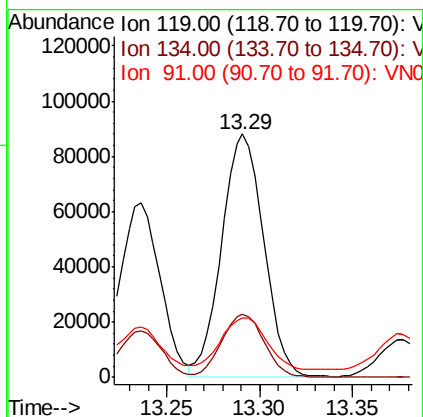
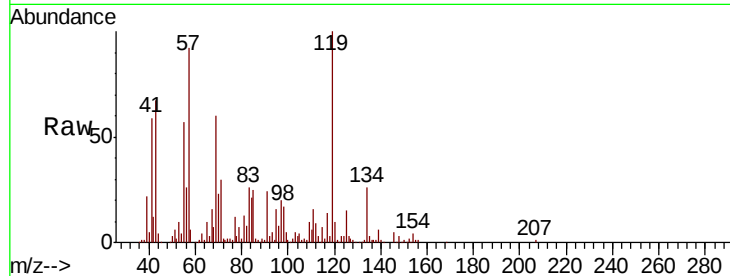




#86
 p-Isopropyltoluene
 Concen: 3.155 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

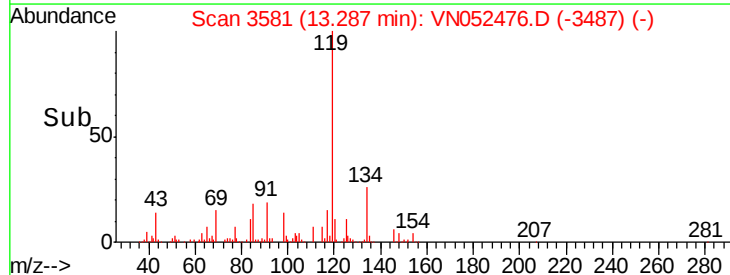
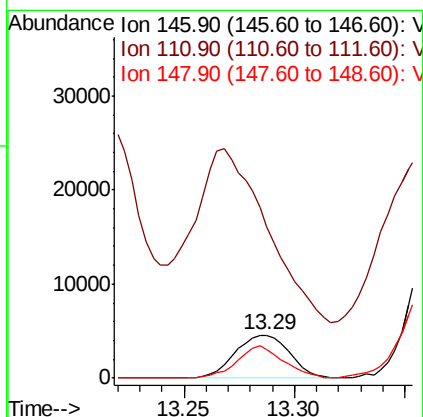
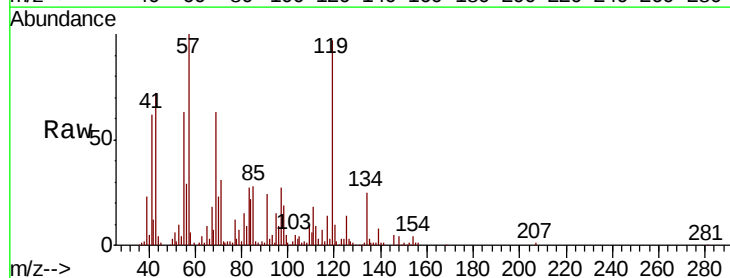
Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITEME

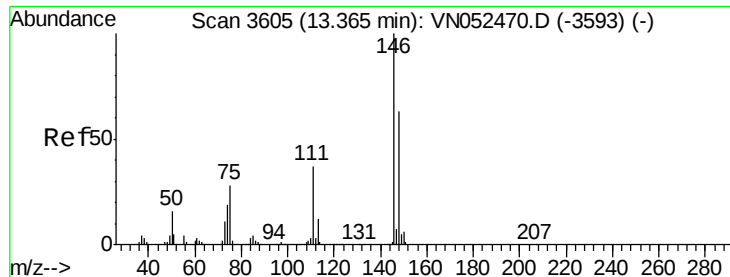
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.4	40.2
91	23.5	11.4	34.2



#87
 1,3-Dichlorobenzene
 Concen: 0.343 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	538.3	19.4	58.4#
148	64.2	31.8	95.4

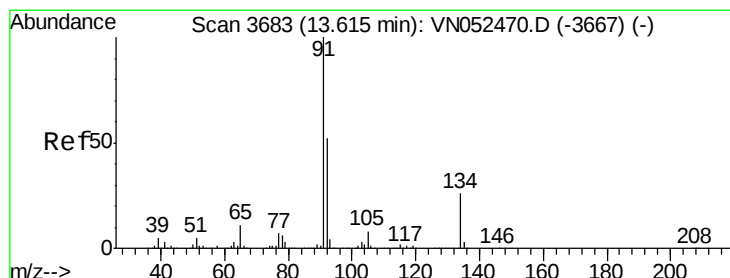
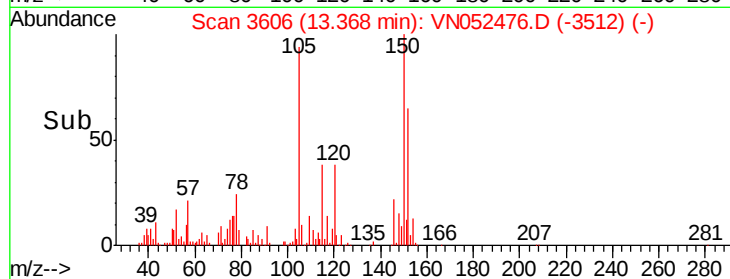
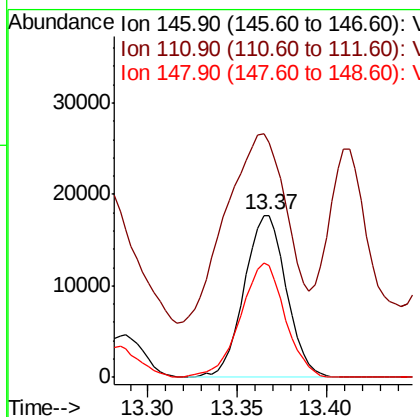
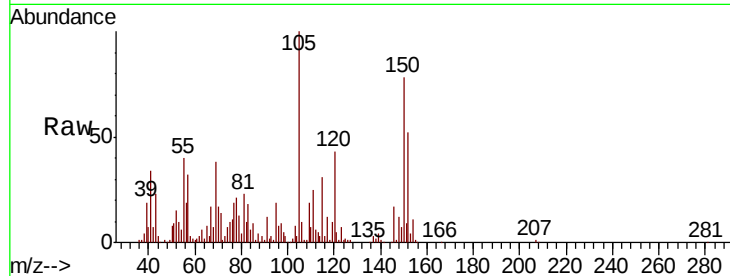




#88
 1,4-Dichlorobenzene
 Concen: 1.308 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

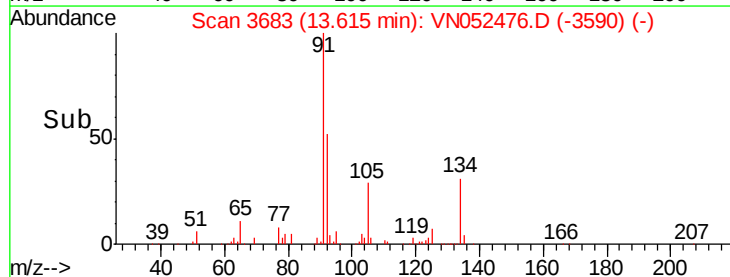
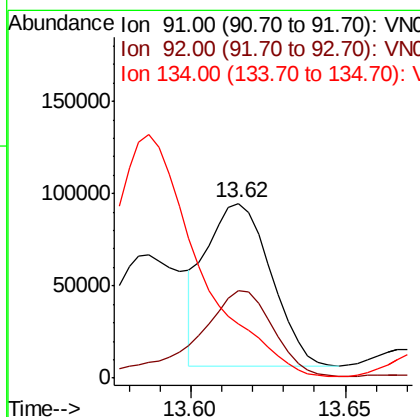
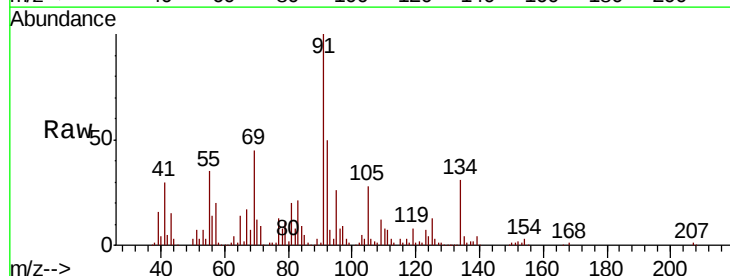
Instrument :
 MSVOA_N
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

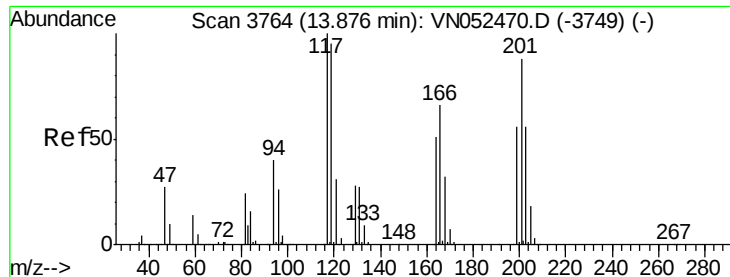
Tot Ion:146 Resp: 29376
 Ion Ratio Lower Upper
 146 100
 111 165.2 18.6 56.0#
 148 74.3 31.9 95.9



#89
 n-Butylbenzene
 Concen: 3.553 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN052476.D
 Acq: 27 Nov 2018 14:07

Tgt Ion: 91 Resp: 128513
 Ion Ratio Lower Upper
 91 100
 92 62.3 26.1 78.3
 134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 6.581 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

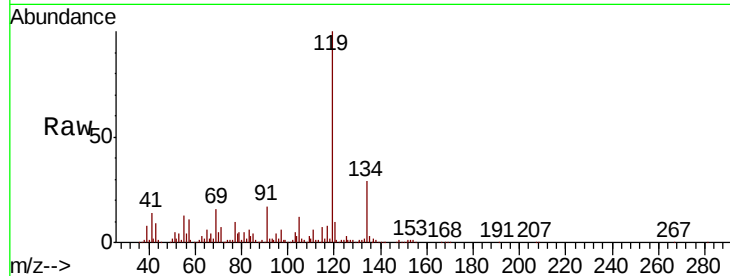
20180927-WCC-3-COMPOSITEME

Tot Ion:117 Resp: 48463

Ion Ratio Lower Upper

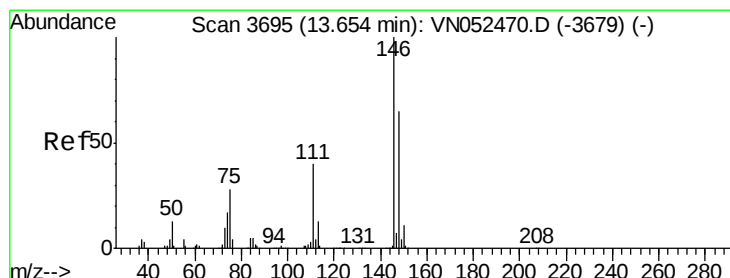
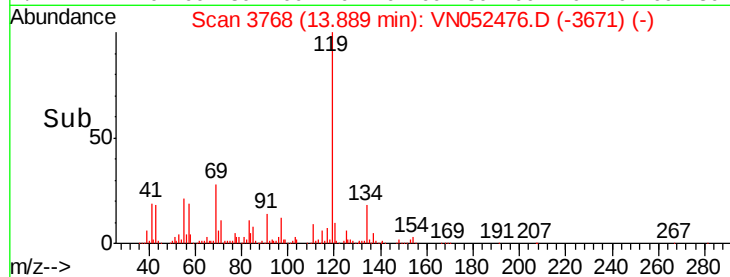
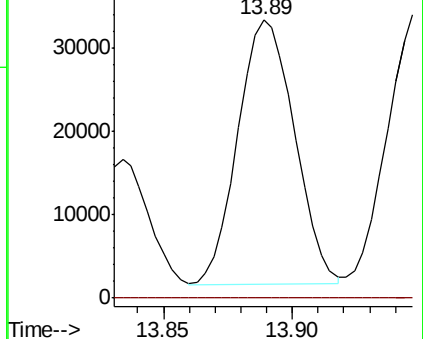
117 100

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



#91

1,2-Dichlorobenzene

Concen: 0.282 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

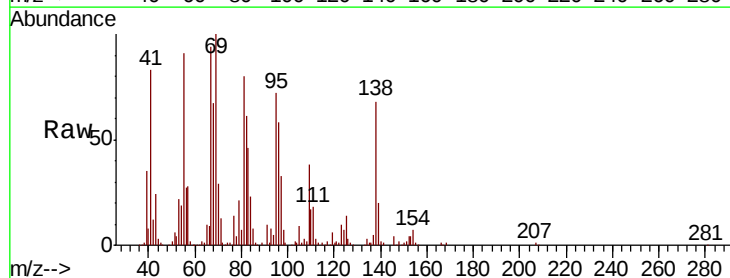
Tgt Ion:146 Resp: 6145

Ion Ratio Lower Upper

146 100

111 326.6 20.0 60.0#

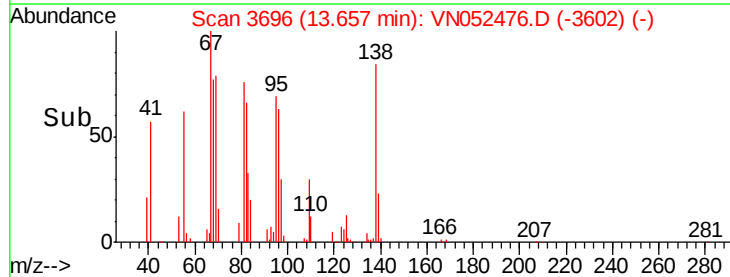
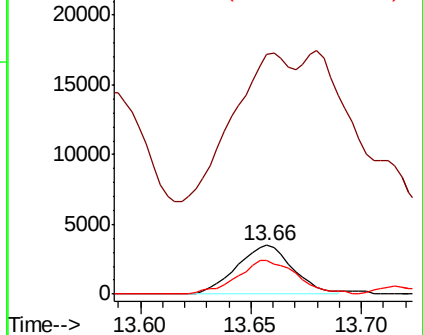
148 73.6 32.0 96.2

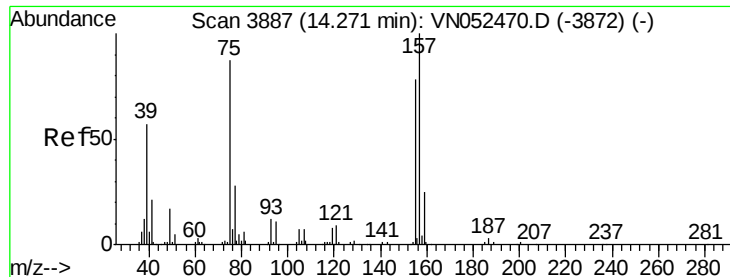


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.753 ug/l

RT: 14.30 min Scan# 3895

Delta R.T. 0.03 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

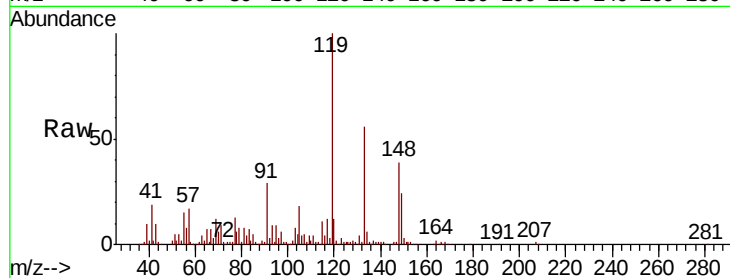
MSVOA_N

ClientSampleId :

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Tot Ion: 75 Resp: 3007

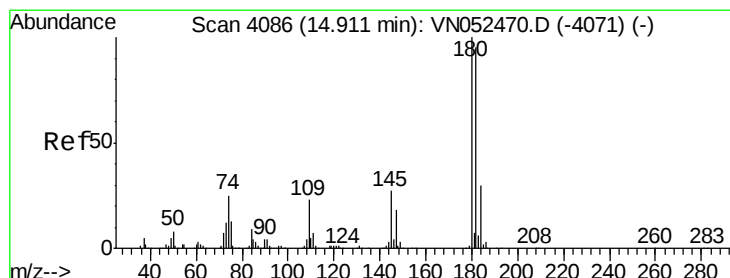
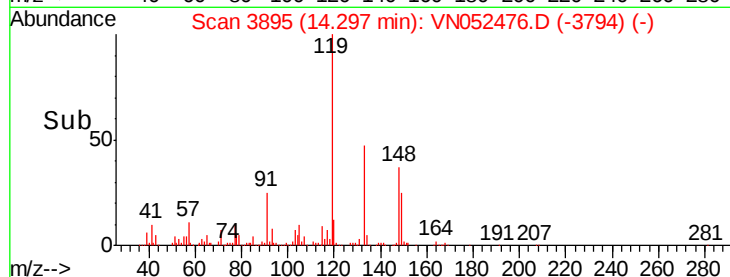
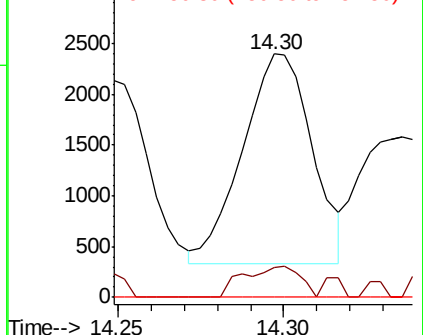
Ion	Ratio	Lower	Upper
75	100		
155	12.1	45.3	135.9#
157	0.0	58.1	174.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3872) (-)

Ion 154.80 (154.50 to 155.50): VN052470.D (-3872) (-)

Ion 156.80 (156.50 to 157.50): VN052470.D (-3872) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.288 ug/l

RT: 14.91 min Scan# 4087

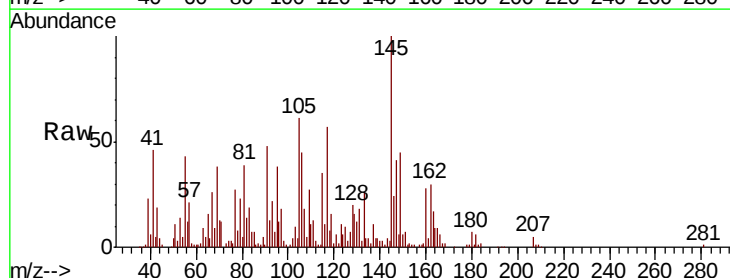
Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Tgt Ion: 180 Resp: 5795

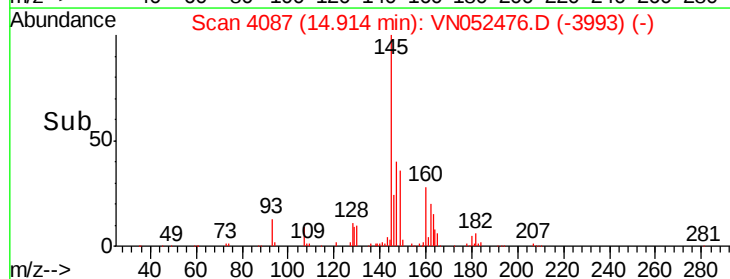
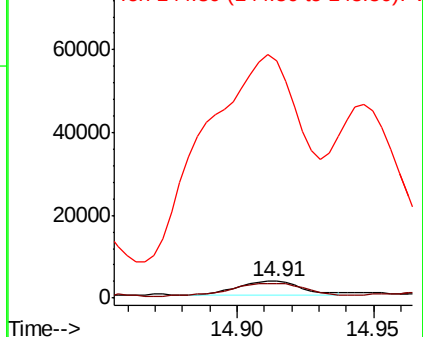
Ion	Ratio	Lower	Upper
180	100		
182	114.4	47.8	143.4
145	2651.1	14.1	42.3#

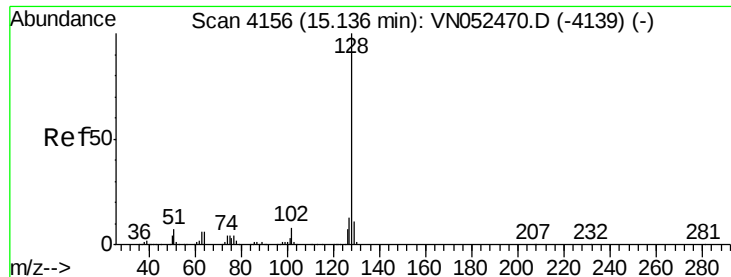


Abundance Ion 179.80 (179.50 to 180.50): VN052470.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN052470.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN052470.D (-4071) (-)





#95

Naphthalene

Concen: 7.694 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

20180927-WCC-3-COMPOSITE

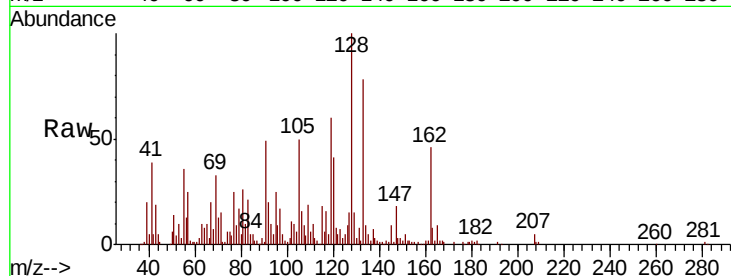
Tot Ion:128 Resp: 115884

Ion Ratio Lower Upper

128 100

127 15.2 10.2 15.2

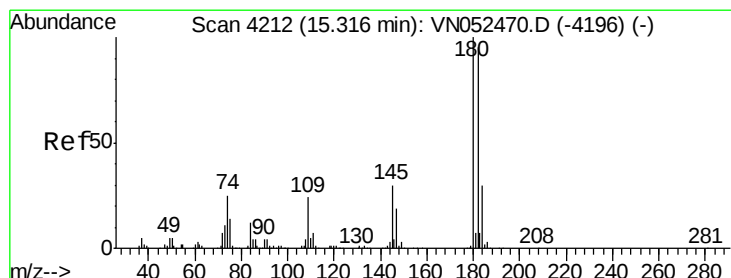
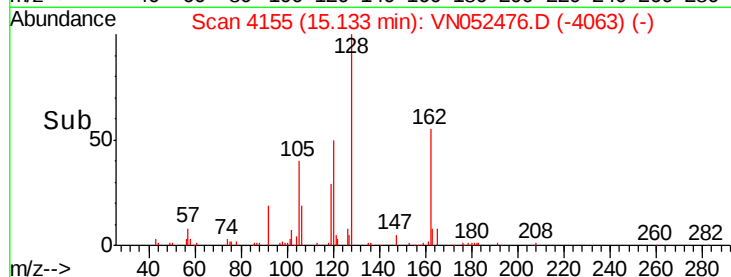
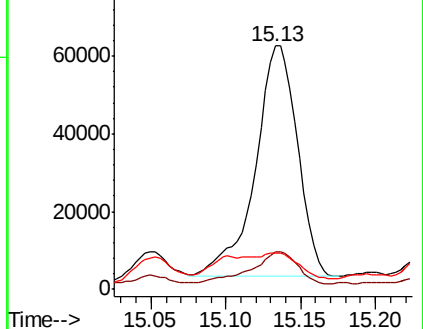
129 0.0 8.7 13.1#



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: 3.039 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN052476.D

Acq: 27 Nov 2018 14:07

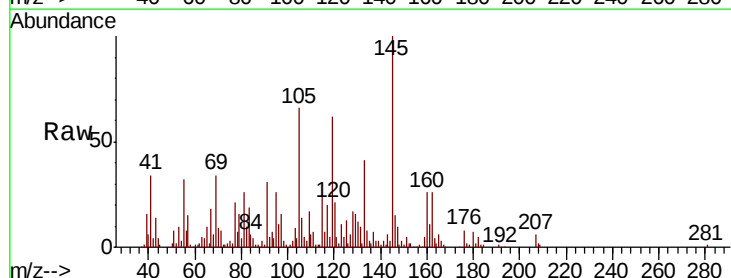
Tgt Ion:180 Resp: 3618

Ion Ratio Lower Upper

180 100

182 129.1 47.8 143.3

145 0.0 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

