

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050403.D
 Acq On : 7 Aug 2018 00:08
 Operator : MD\SY
 Sample : VN0806WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

Quant Time: Aug 07 07:12:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	940386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	434575	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	436638	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	385141	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
50) Toluene-d8	10.09	98	1434029	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	463236	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	141039	20.20	ug/l	98
3) Chloromethane	2.06	50	175042	20.35	ug/l	100
4) Vinyl Chloride	2.18	62	189610	20.98	ug/l	100
5) Bromomethane	2.56	94	98818	22.65	ug/l	100
6) Chloroethane	2.70	64	113372	20.36	ug/l	100
7) Trichlorofluoromethane	3.01	101	243218	20.84	ug/l	99
8) Diethyl Ether	3.41	74	86717	20.26	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	147188	20.41	ug/l	100
10) Methyl Iodide	3.95	142	78298	24.64	ug/l	100
11) Tert butyl alcohol	4.80	59	69610	103.13	ug/l	99
12) 1,1-Dichloroethene	3.73	96	136626	20.10	ug/l	97
13) Acrolein	3.61	56	82792	103.64	ug/l	97
14) Allyl chloride	4.32	41	209134	19.15	ug/l	98
15) Acrylonitrile	5.00	53	288692	102.11	ug/l	99
16) Acetone	3.82	43	269427	107.32	ug/l	98
17) Carbon Disulfide	4.05	76	410191	18.55	ug/l	99
18) Methyl Acetate	4.33	43	140318	21.44	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	394863	20.46	ug/l	98
20) Methylene Chloride	4.55	84	163119	20.37	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	149205	20.28	ug/l	98
22) Diisopropyl ether	5.96	45	474945	21.29	ug/l	99
23) Vinyl Acetate	5.90	43	1648028	103.56	ug/l	99
24) 1,1-Dichloroethane	5.85	63	281353	20.56	ug/l	100
25) 2-Butanone	6.84	43	436670	104.88	ug/l	99
26) 2,2-Dichloropropane	6.83	77	171850	15.23	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	164127	20.13	ug/l	98
28) Bromochloromethane	7.20	49	135087	21.44	ug/l	98
29) Tetrahydrofuran	7.22	42	230538	103.45	ug/l	100
30) Chloroform	7.37	83	285101	20.84	ug/l	99
31) Cyclohexane	7.66	56	238184	19.39	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	240968	20.51	ug/l	99
36) 1,1-Dichloropropene	7.80	75	208300	20.16	ug/l	99
37) Ethyl Acetate	6.94	43	156973	21.10	ug/l	100
38) Carbon Tetrachloride	7.78	117	214511	19.90	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050403.D
 Acq On : 7 Aug 2018 00:08
 Operator : MD\SY
 Sample : VN0806WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

Quant Time: Aug 07 07:12:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	212077	18.80	ug/l	99
40) Benzene	8.04	78	643385	20.25	ug/l	98
41) Methacrylonitrile	7.18	41	75062	18.97	ug/l	88
42) 1,2-Dichloroethane	8.13	62	208161	20.64	ug/l	99
43) Isopropyl Acetate	8.17	43	279539	21.76	ug/l	99
44) Trichloroethene	8.84	130	166185	19.47	ug/l	99
45) 1,2-Dichloropropane	9.12	63	167853	20.10	ug/l	97
46) Dibromomethane	9.21	93	105950	20.54	ug/l	99
47) Bromodichloromethane	9.41	83	214573	20.09	ug/l	99
48) Methyl methacrylate	9.20	41	129136	20.06	ug/l	98
49) 1,4-Dioxane	9.20	88	39661	399.66	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	979831	105.92	ug/l	100
52) Toluene	10.16	92	393075	20.60	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	203974	19.02	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	234613	19.60	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	149892	20.12	ug/l	95
56) Ethyl methacrylate	10.43	69	189903	19.11	ug/l	99
57) 1,3-Dichloropropane	10.71	76	252391	20.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	456187	97.49	ug/l	100
59) 2-Hexanone	10.75	43	668503	103.55	ug/l	99
60) Dibromochloromethane	10.90	129	167598	20.42	ug/l	100
61) 1,2-Dibromoethane	11.01	107	150074	20.44	ug/l	98
64) Tetrachloroethene	10.63	164	168068	21.24	ug/l	97
65) Chlorobenzene	11.44	112	419691	19.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157256	20.35	ug/l	98
67) Ethyl Benzene	11.51	91	694583	20.24	ug/l	100
68) m/p-Xylenes	11.62	106	537774	41.16	ug/l	99
69) o-Xylene	11.95	106	257159	20.43	ug/l	97
70) Styrene	11.97	104	417334	20.39	ug/l	100
71) Bromoform	12.13	173	115345	20.42	ug/l #	99
73) Isopropylbenzene	12.25	105	679213	20.82	ug/l	100
74) N-amyl acetate	12.07	43	219473	20.76	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	196192	20.85	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	231082	29.38	ug/l #	100
77) Bromobenzene	12.53	156	181248	20.74	ug/l	100
78) n-propylbenzene	12.59	91	775736	21.01	ug/l	100
79) 2-Chlorotoluene	12.68	91	470553	20.63	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	561197	21.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44382	19.82	ug/l	95
82) 4-Chlorotoluene	12.78	91	477740	21.01	ug/l	99
83) tert-Butylbenzene	12.99	119	471950	20.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	575024	21.44	ug/l	100
85) sec-Butylbenzene	13.17	105	635640	20.64	ug/l	99
86) p-Isopropyltoluene	13.29	119	547230	20.74	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	314028	20.17	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	307149	19.76	ug/l	99
89) n-Butylbenzene	13.62	91	417922	18.60	ug/l	100
90) Hexachloroethane	13.88	117	94246	20.09	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	311664	19.97	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31082	19.45	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050403.D
Acq On : 7 Aug 2018 00:08
Operator : MD\SY
Sample : VN0806WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

Quant Time: Aug 07 07:12:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

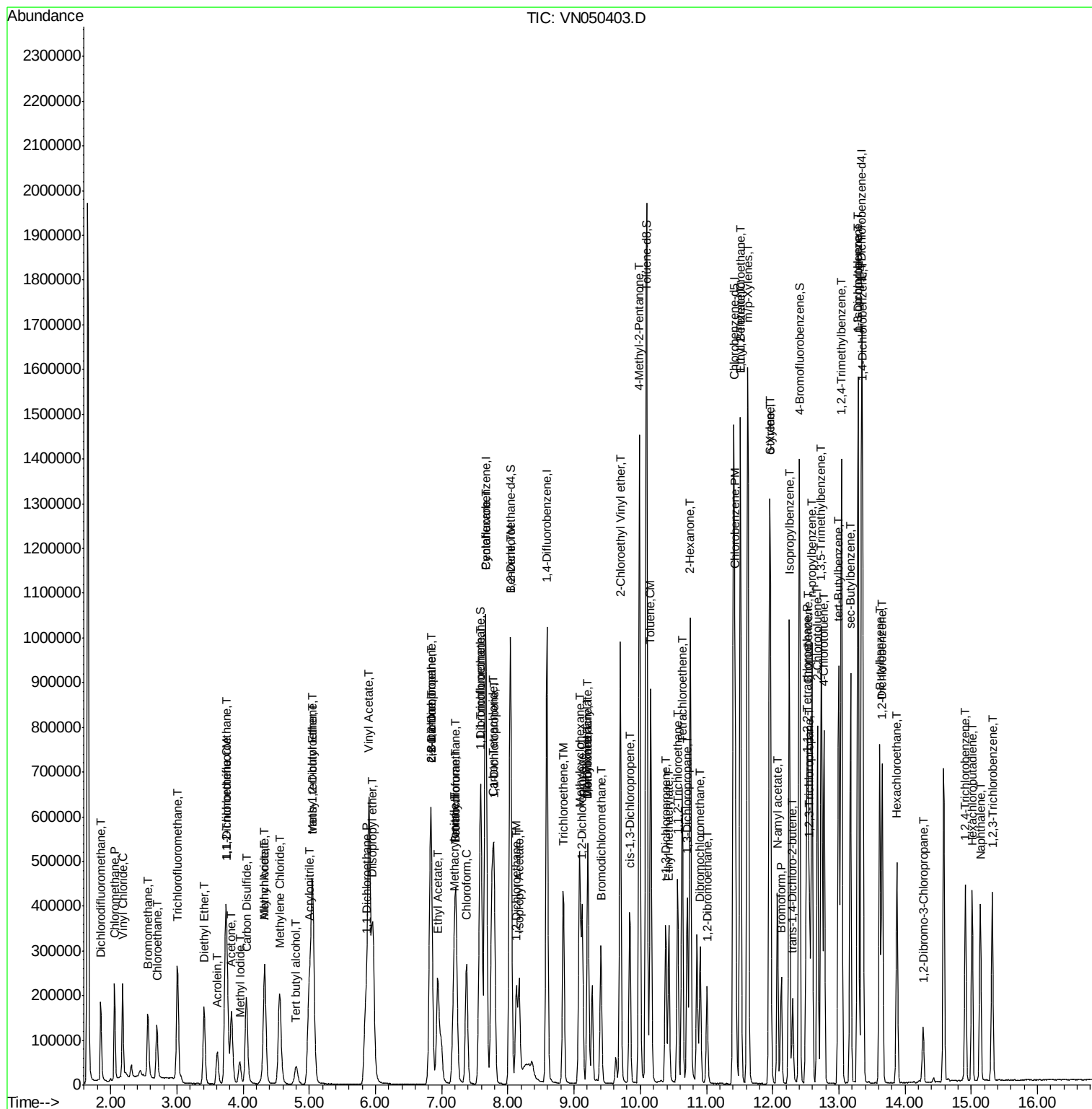
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	153985	19.38	ug/l	98
94) Hexachlorobutadiene	15.01	225	91235	20.03	ug/l	97
95) Naphthalene	15.14	128	350244	19.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	155146	19.31	ug/l	98

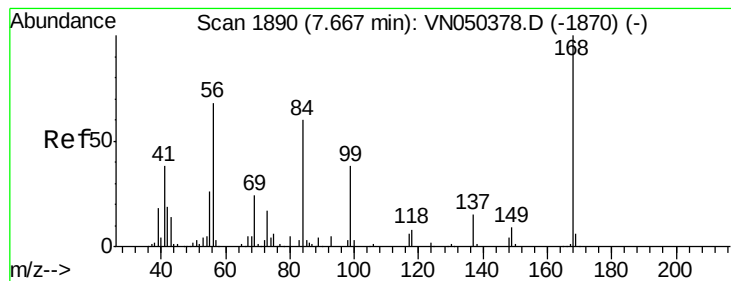
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050403.D
 Acq On : 7 Aug 2018 00:08
 Operator : MD\SY
 Sample : VN0806WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0806WBSD02

Quant Time: Aug 07 07:12:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

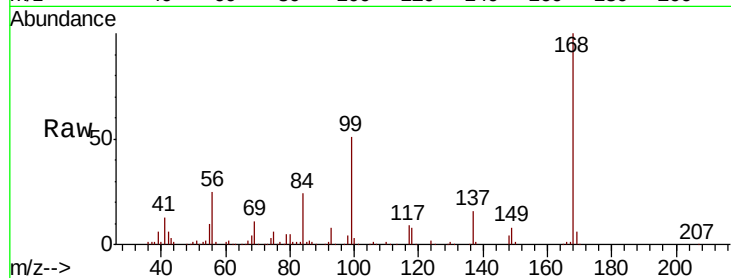
VN0806WBSD02

Tot Ion:168 Resp: 628863

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

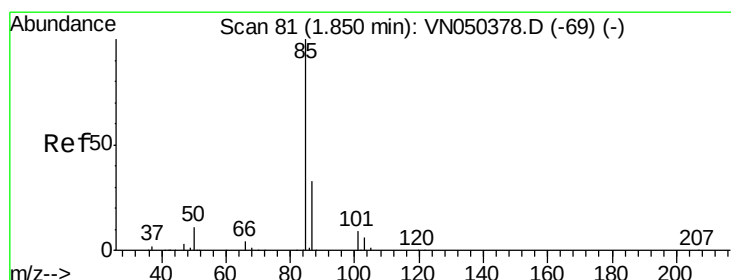
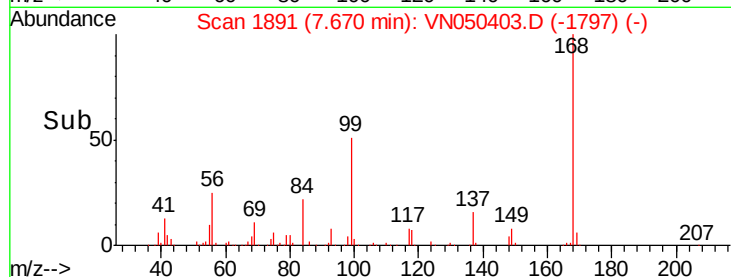
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.20 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050403.D

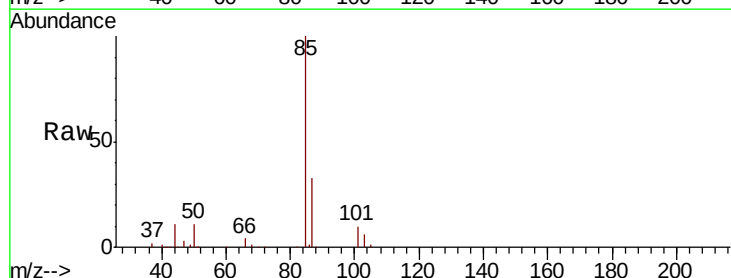
Acq: 7 Aug 2018 00:08

Tgt Ion: 85 Resp: 141039

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

60000

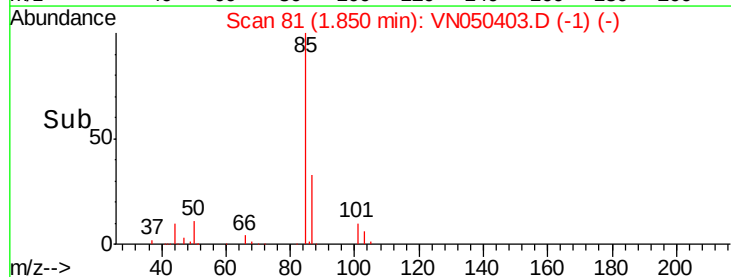
40000

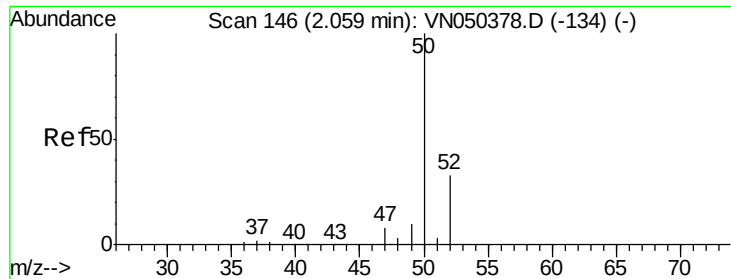
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.35 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

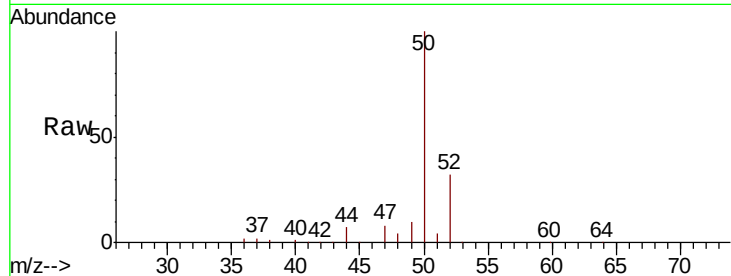
VN0806WBSD02

Tot Ion: 50 Resp: 175042

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

150000

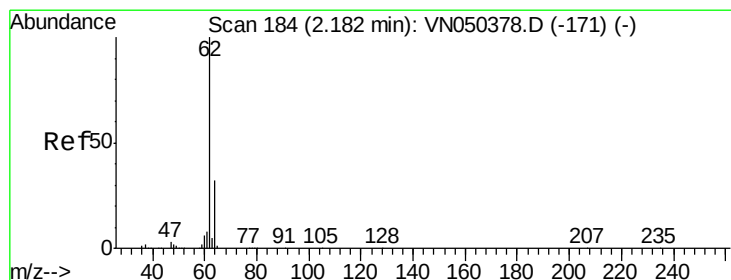
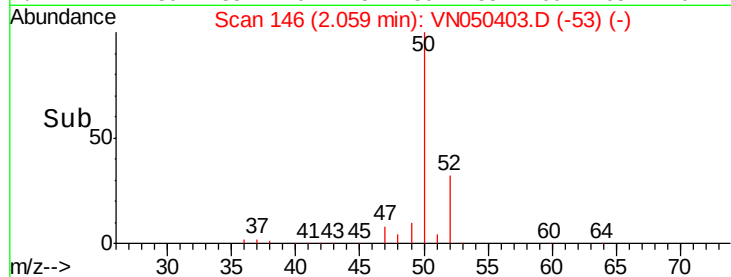
100000

50000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 20.98 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050403.D

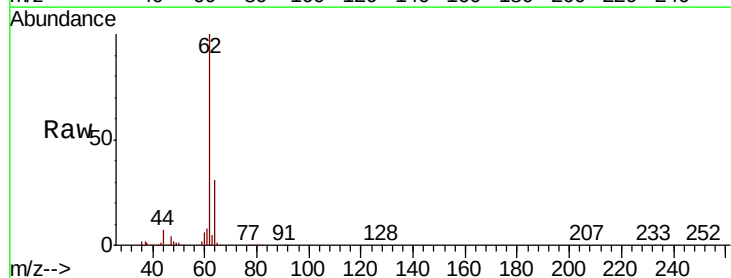
Acq: 7 Aug 2018 00:08

Tgt Ion: 62 Resp: 189610

Ion Ratio Lower Upper

62 100

64 31.1 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

150000

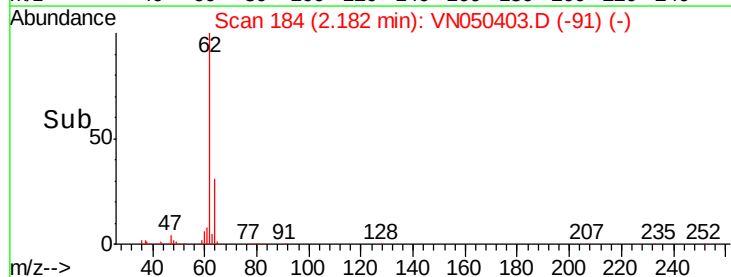
100000

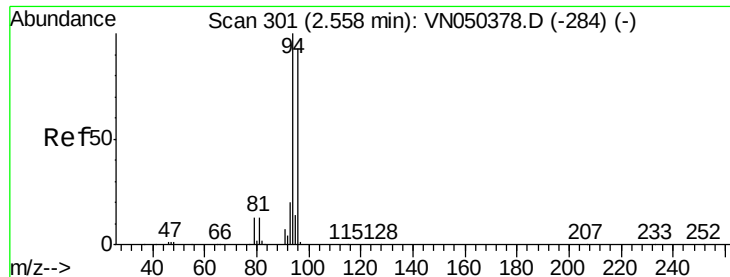
50000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 22.65 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

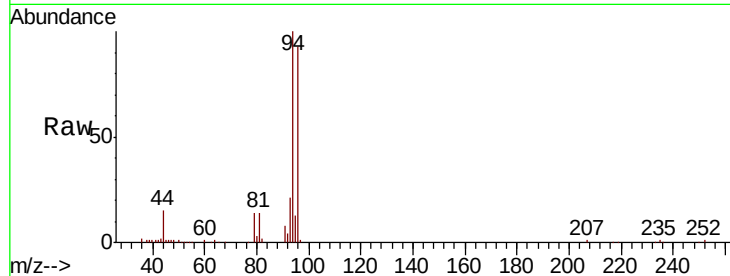
VN0806WBSD02

Tot Ion: 94 Resp: 98818

Ion Ratio Lower Upper

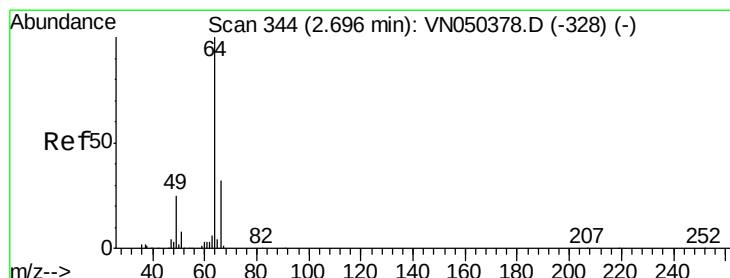
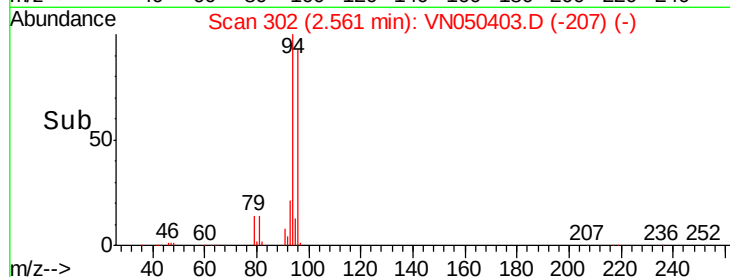
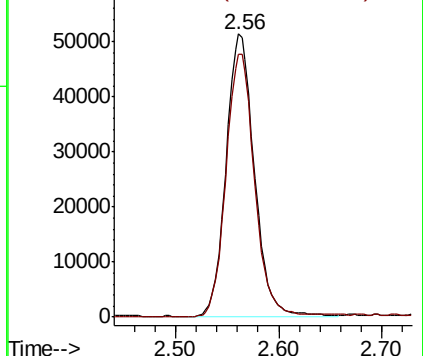
94 100

96 93.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.36 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050403.D

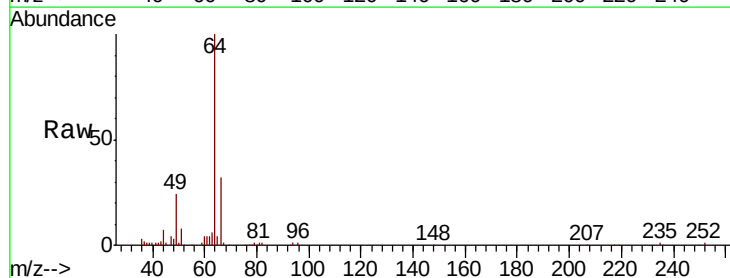
Acq: 7 Aug 2018 00:08

Tgt Ion: 64 Resp: 113372

Ion Ratio Lower Upper

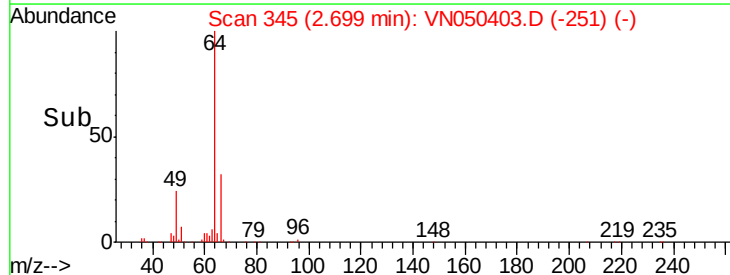
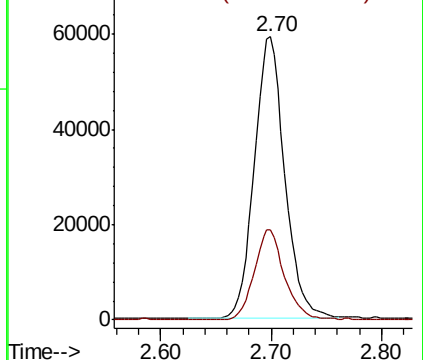
64 100

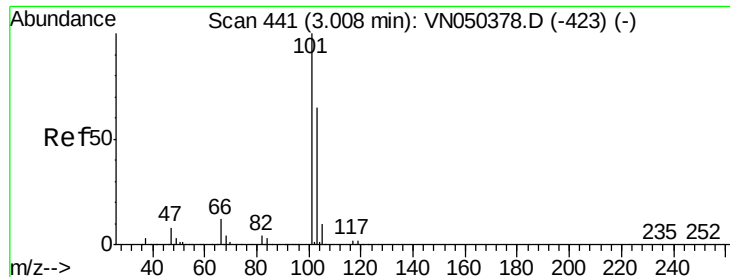
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



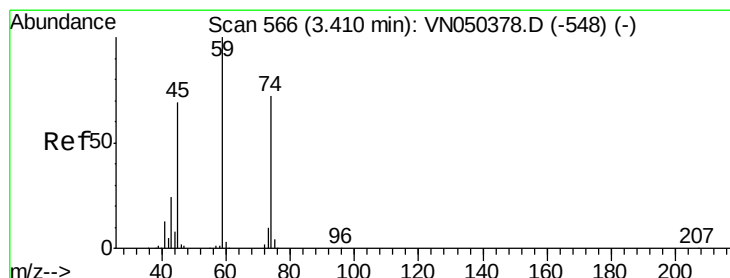
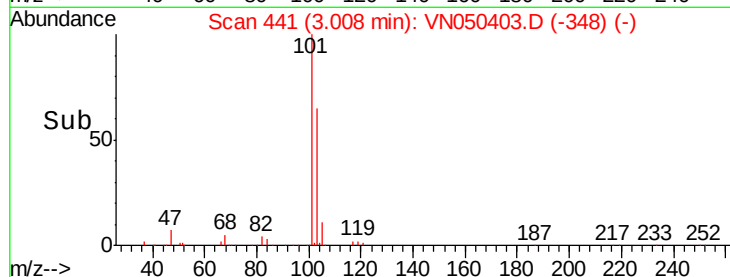
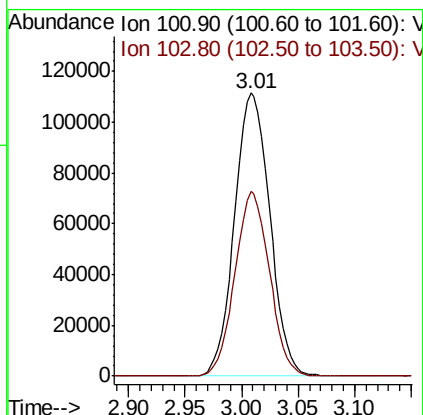
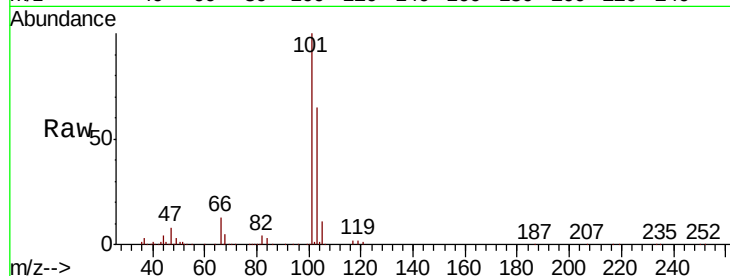


#7

Trichlorofluoromethane
 Concen: 20.84 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

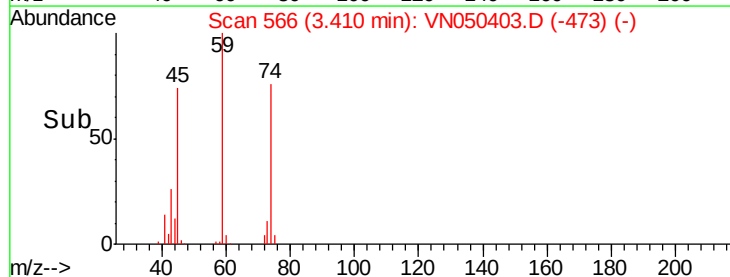
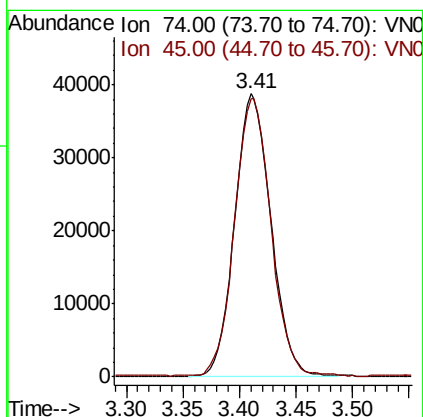
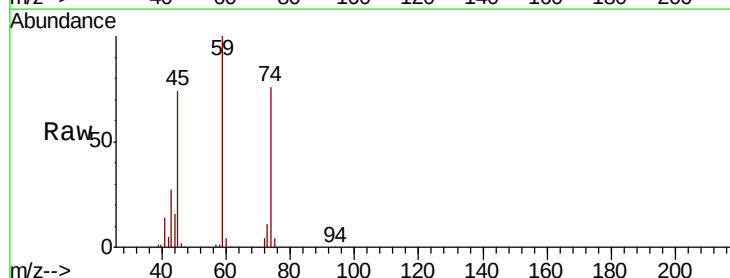
Tot Ion:101 Resp: 243218
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.7 77.5

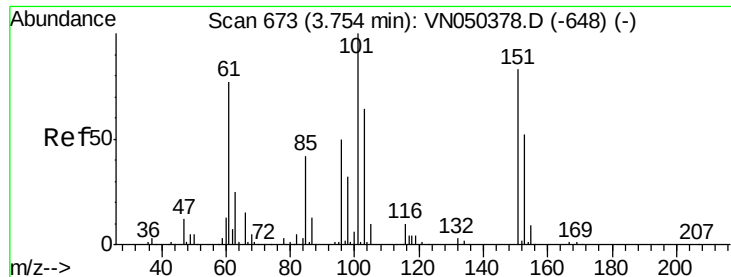


#8

Diethyl Ether
 Concen: 20.26 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 74 Resp: 86717
 Ion Ratio Lower Upper
 74 100
 45 96.9 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.41 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

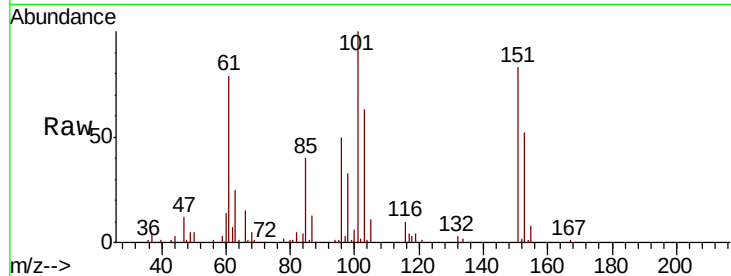
Tot Ion:101 Resp: 147188

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

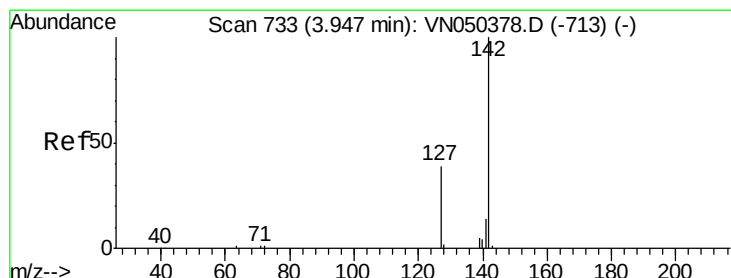
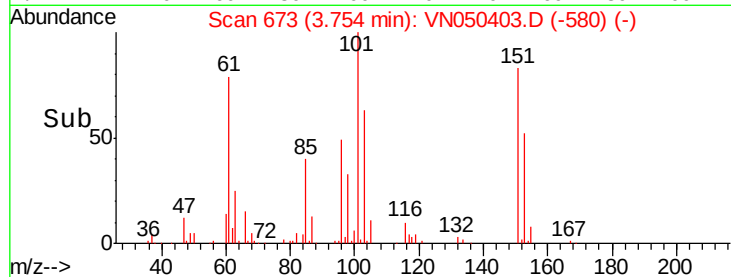
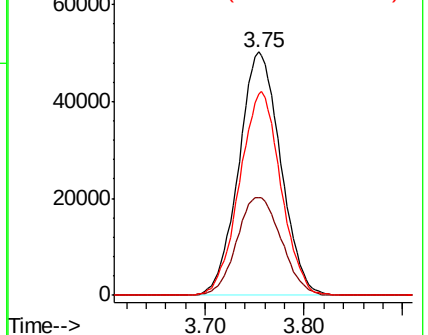
151 82.7 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 24.64 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

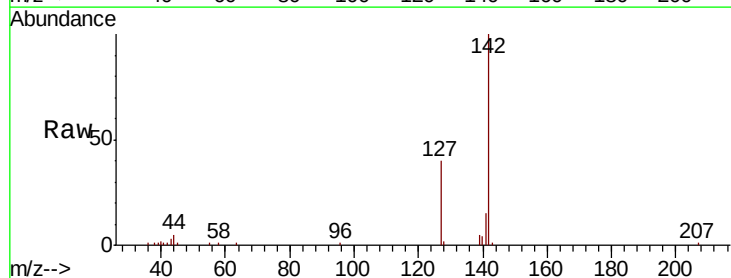
Tgt Ion:142 Resp: 78298

Ion Ratio Lower Upper

142 100

127 41.8 33.4 50.2

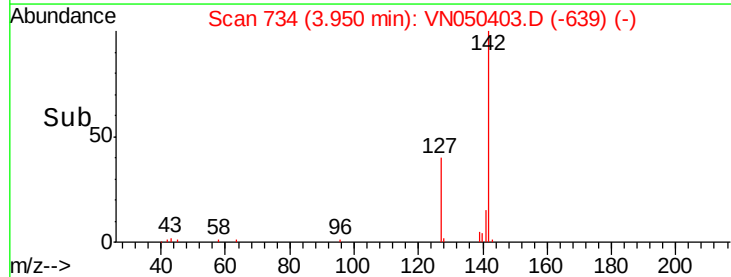
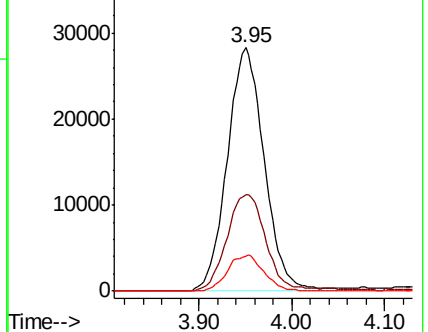
141 14.4 11.6 17.4

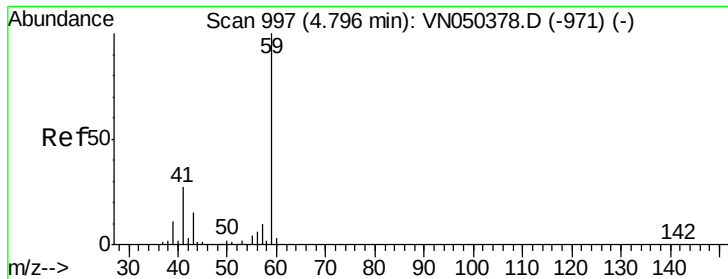


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



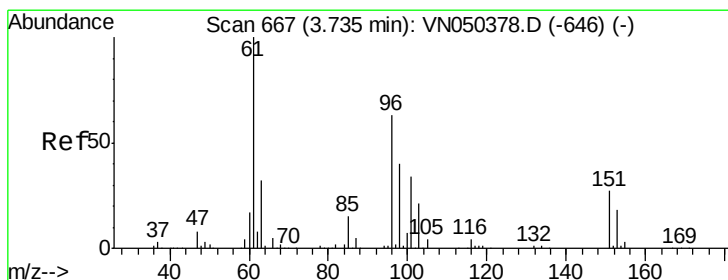
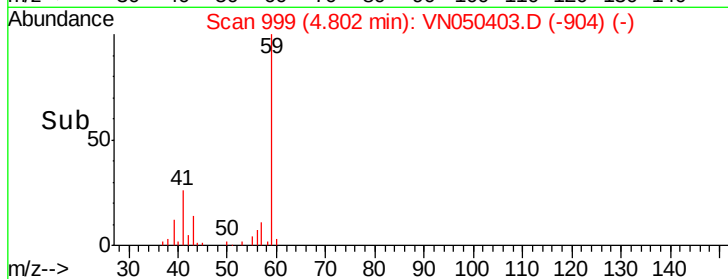
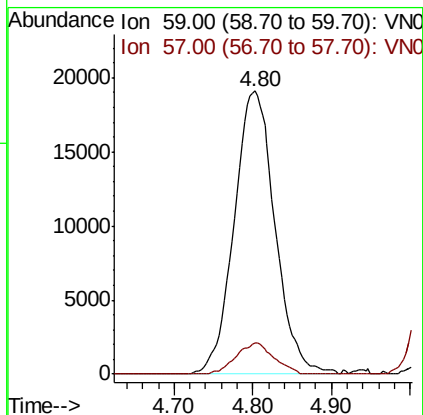
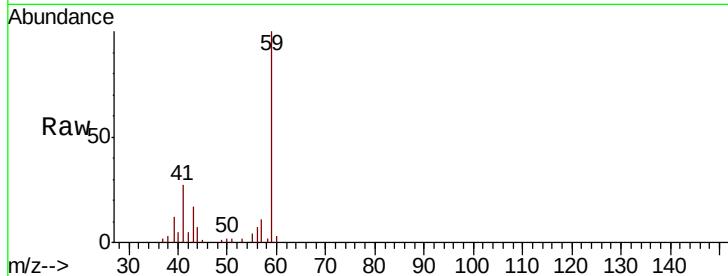


#11

Tert butyl alcohol
 Concen: 103.13 ug/l
 RT: 4.80 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

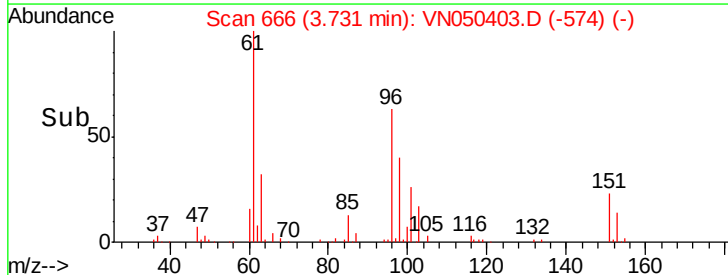
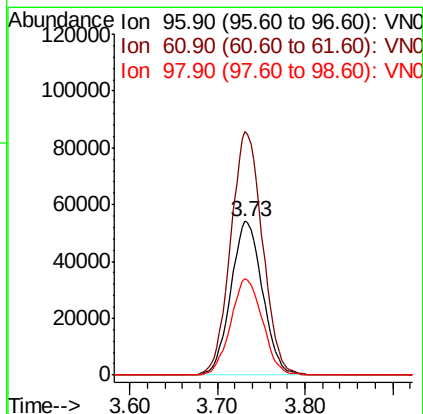
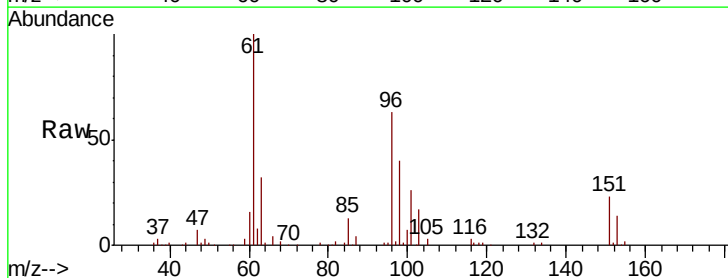
Tot Ion: 59 Resp: 69610
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

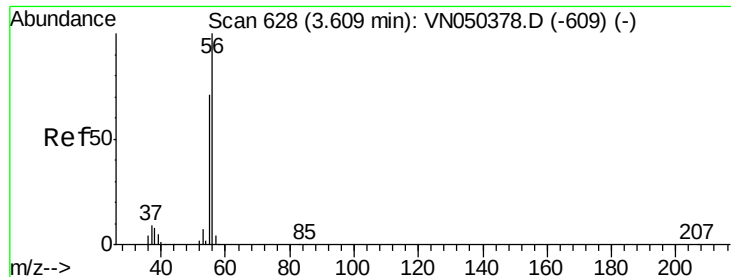


#12

1,1-Dichloroethene
 Concen: 20.10 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 96 Resp: 136626
 Ion Ratio Lower Upper
 96 100
 61 158.4 124.4 186.6
 98 63.1 48.3 72.5





#13

Acrolein

Concen: 103.64 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

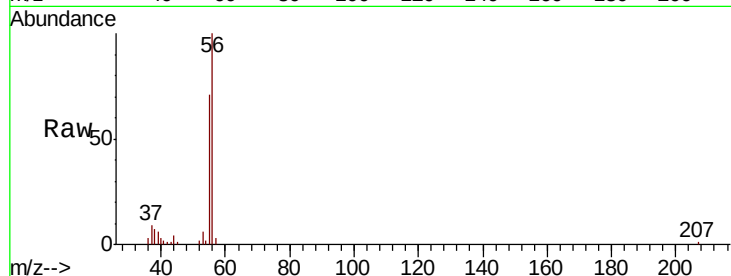
VN0806WBSD02

Tot Ion: 56 Resp: 82792

Ion Ratio Lower Upper

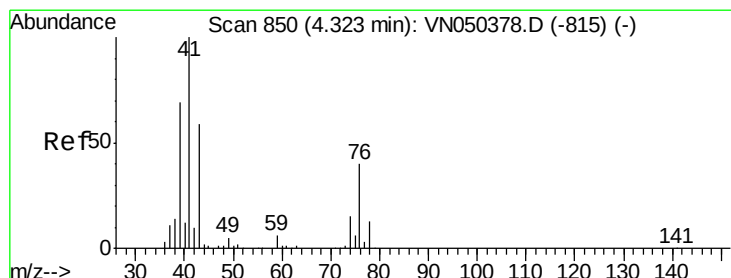
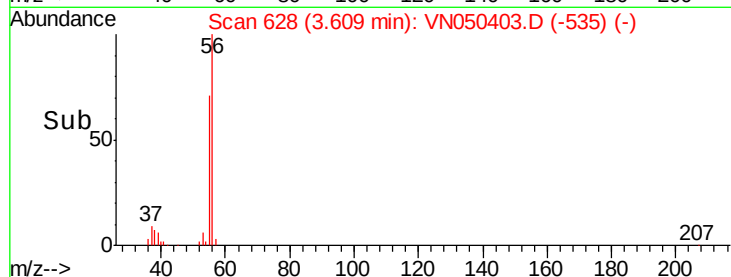
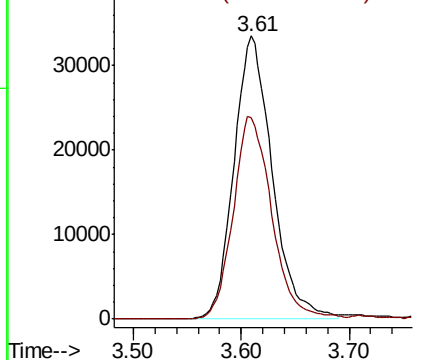
56 100

55 72.1 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.15 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

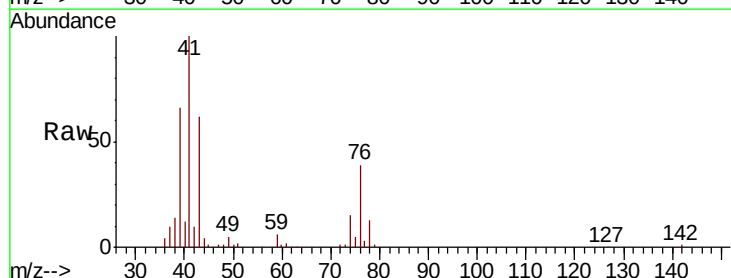
Tgt Ion: 41 Resp: 209134

Ion Ratio Lower Upper

41 100

39 65.6 54.2 81.4

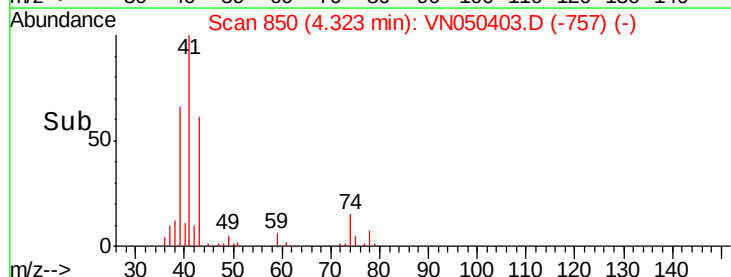
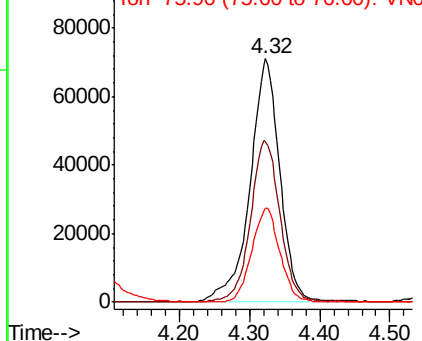
76 35.7 29.0 43.6

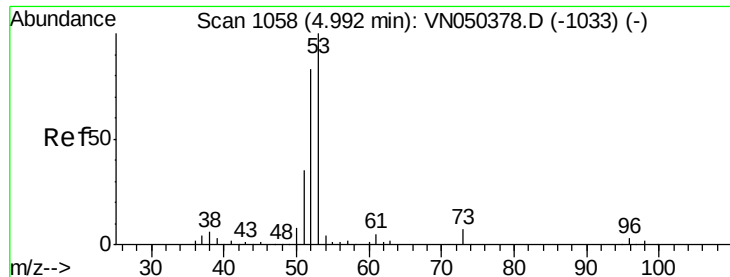


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



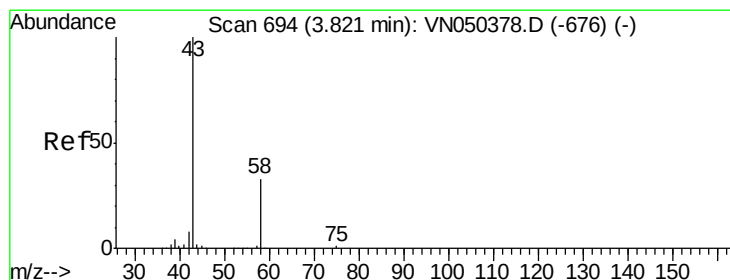
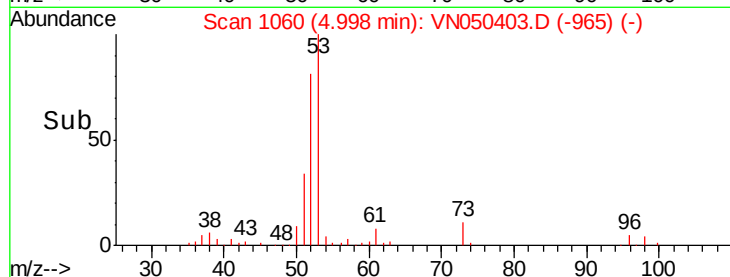
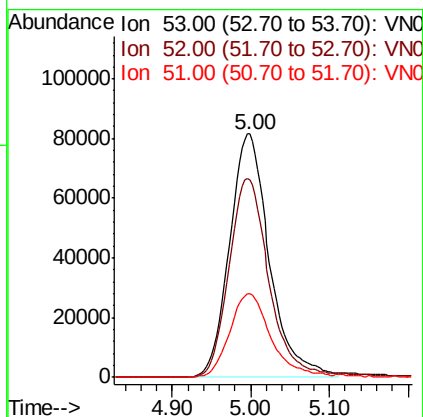
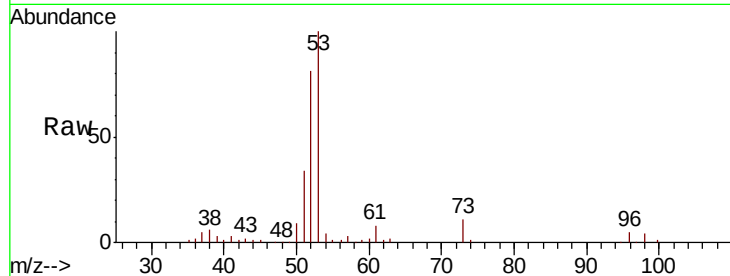


#15
 Acrylonitrile
 Concen: 102.11 ug/l
 RT: 5.00 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0806WBSD02

Tot Ion: 53 Resp: 288692

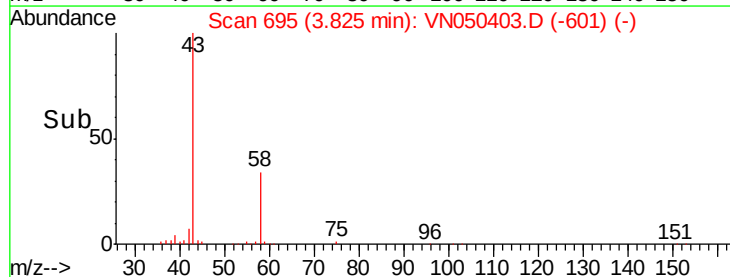
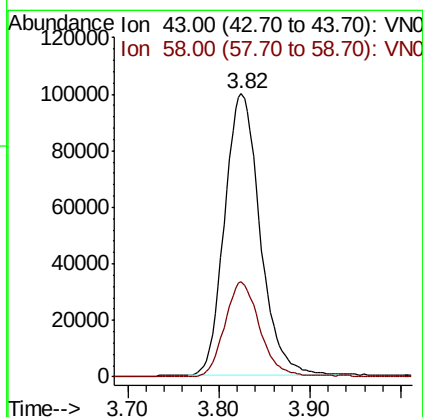
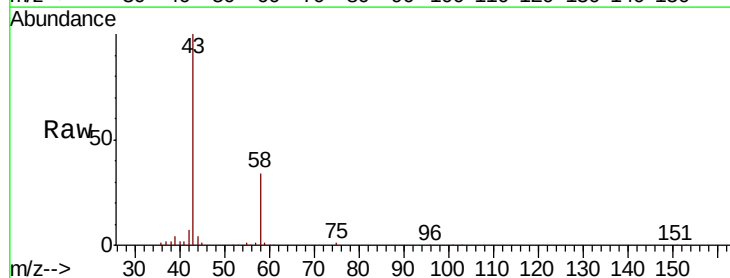
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.2	99.2
51	35.7	29.3	43.9

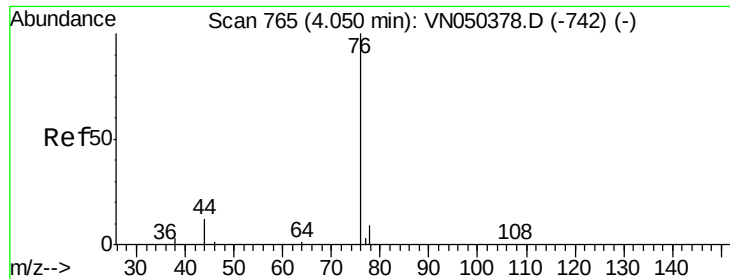


#16
 Acetone
 Concen: 107.32 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 43 Resp: 269427

Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.8	38.8

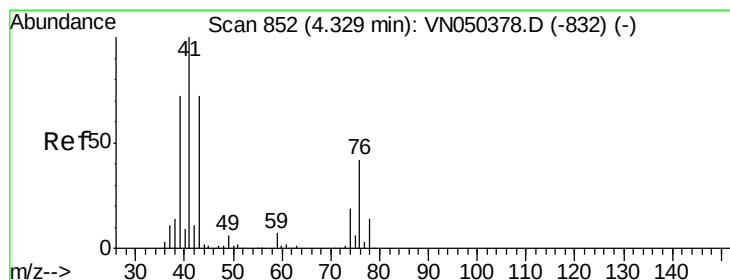
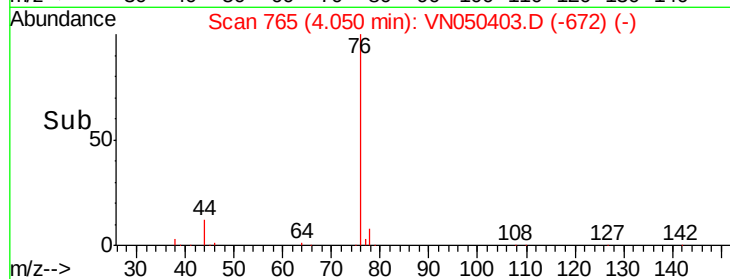
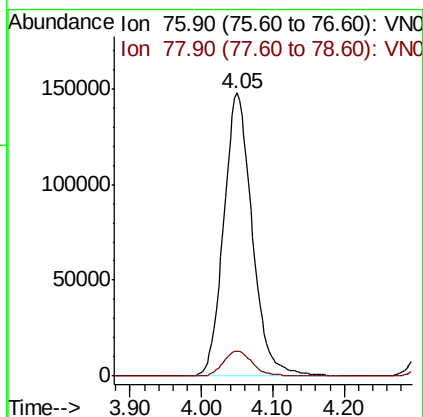
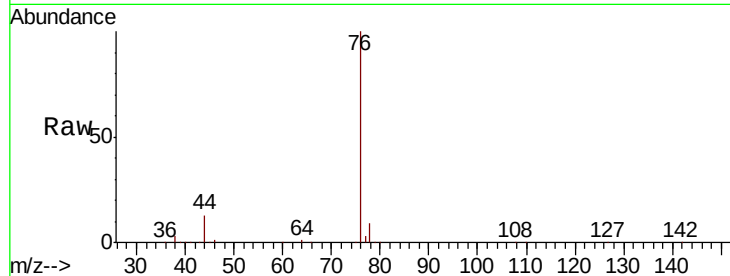




#17
Carbon Disulfide
Concen: 18.55 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

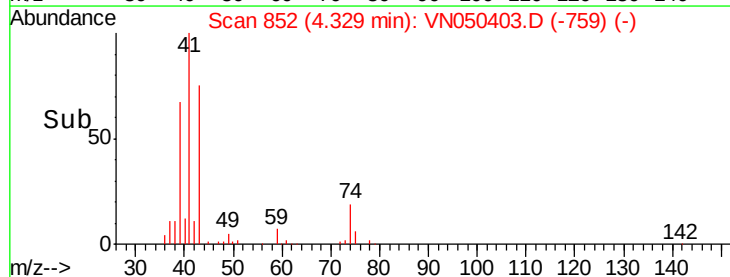
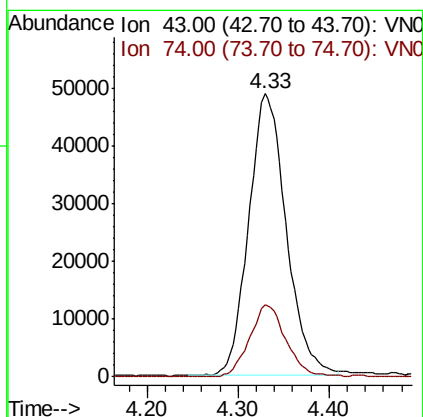
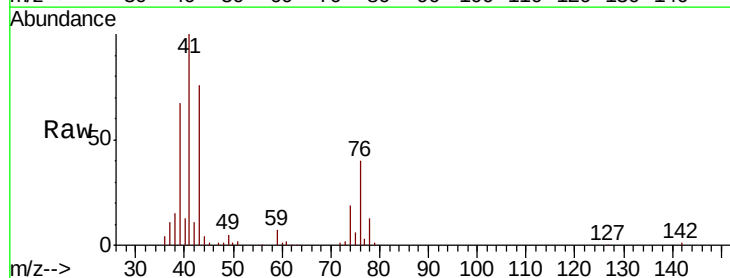
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

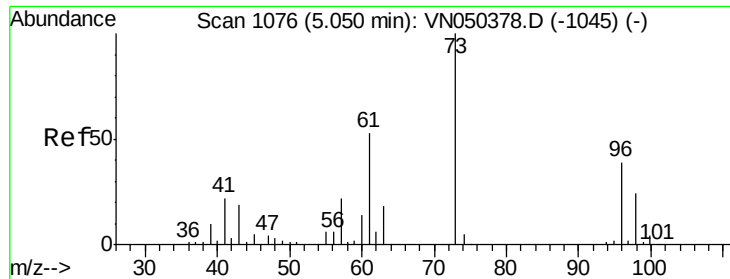
Tot Ion: 76 Resp: 410191
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 21.44 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion: 43 Resp: 140318
Ion Ratio Lower Upper
43 100
74 24.9 19.2 28.8

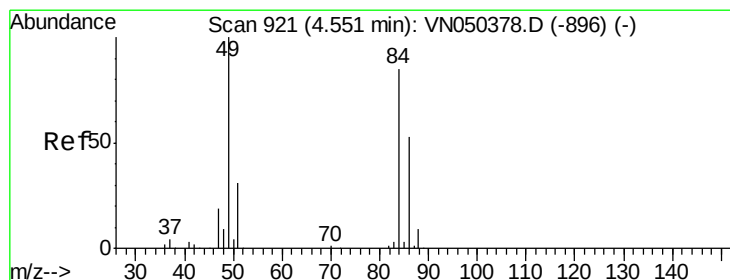
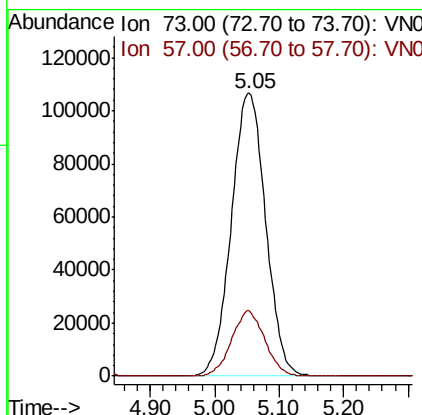
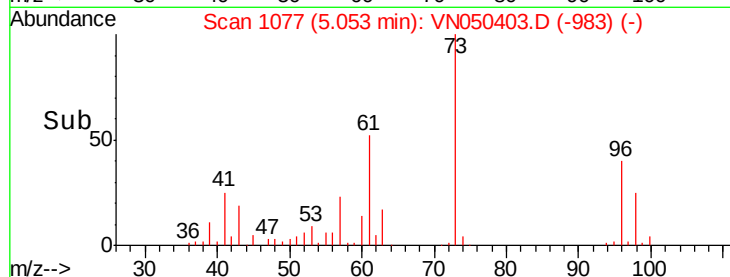
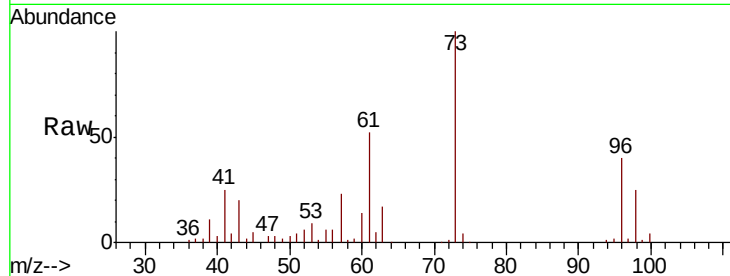




#19
Methvl tert-butvl Ether
Concen: 20.46 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

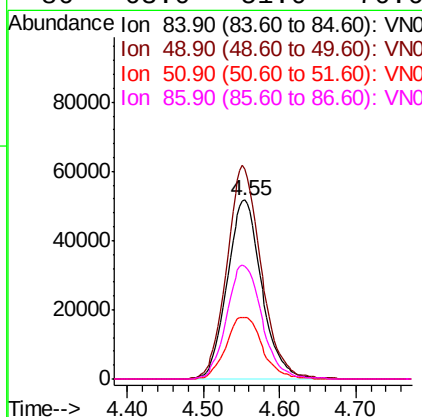
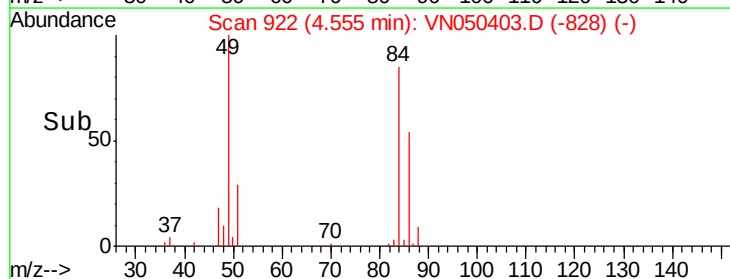
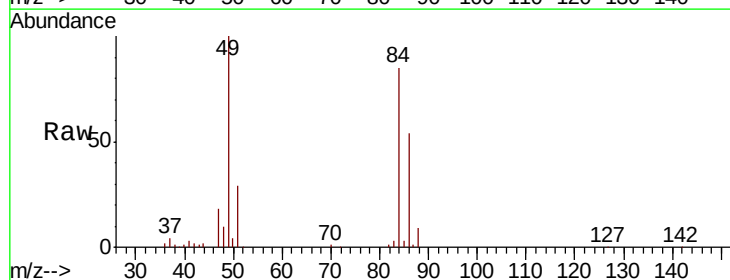
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

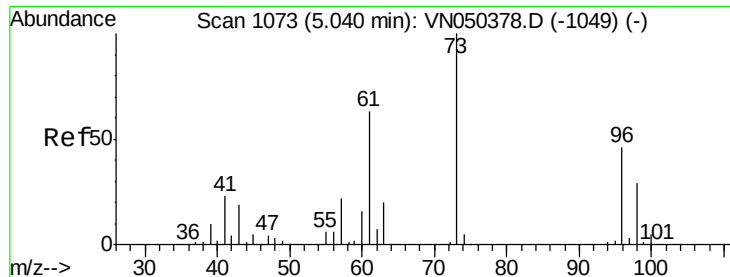
Tot Ion: 73 Resp: 394863
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0



#20
Methylene Chloride
Concen: 20.37 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion: 84 Resp: 163119
Ion Ratio Lower Upper
84 100
49 117.2 94.8 142.2
51 34.3 28.3 42.5
86 63.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.28 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

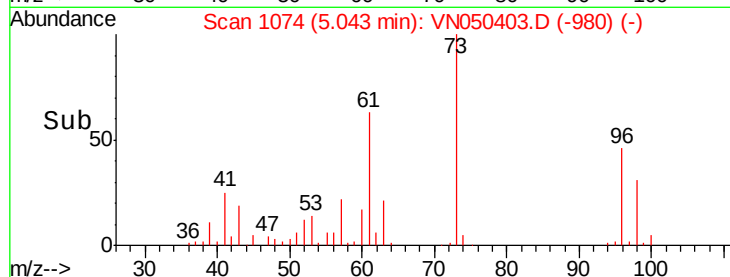
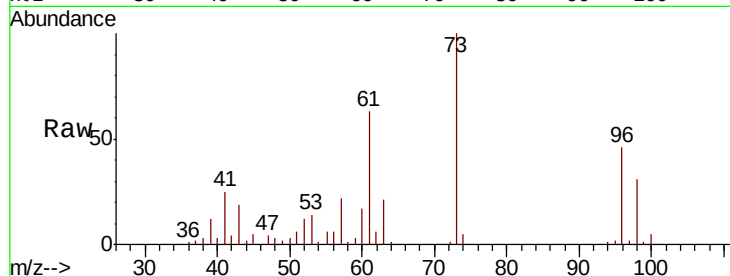
Tot Ion: 96 Resp: 149205

Ion Ratio Lower Upper

96 100

61 135.4 110.7 166.1

98 66.3 51.6 77.4

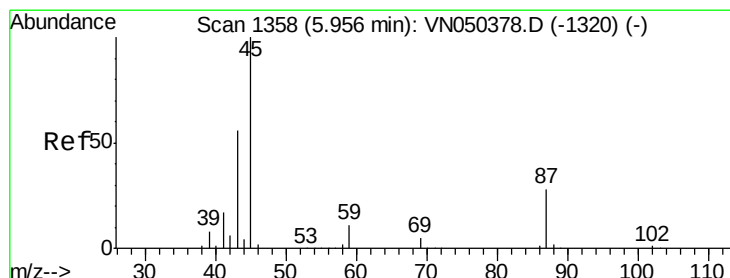
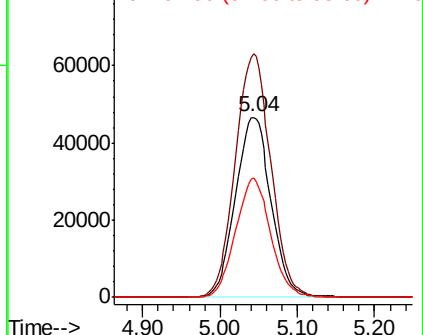


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.29 ug/l

RT: 5.96 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Tgt Ion: 45 Resp: 474945

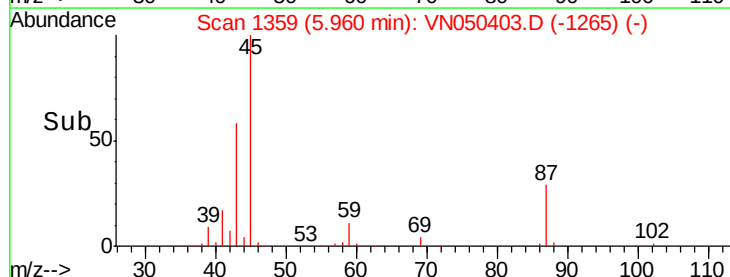
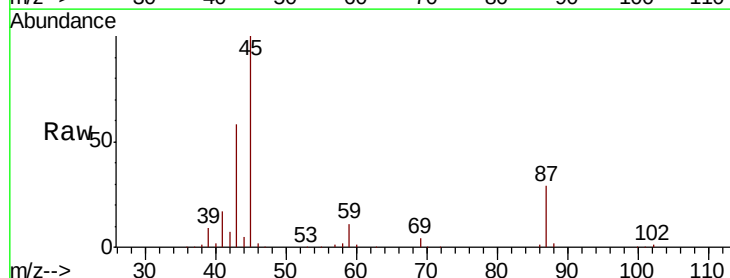
Ion Ratio Lower Upper

45 100

43 55.8 45.7 68.5

87 28.5 22.7 34.1

59 11.2 9.5 14.3



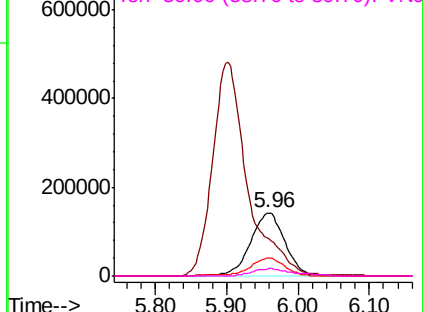
Abundance

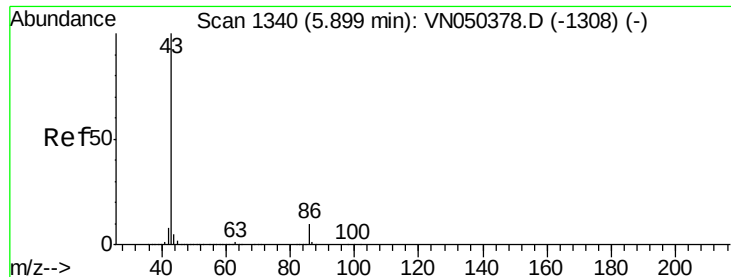
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 103.56 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampled :

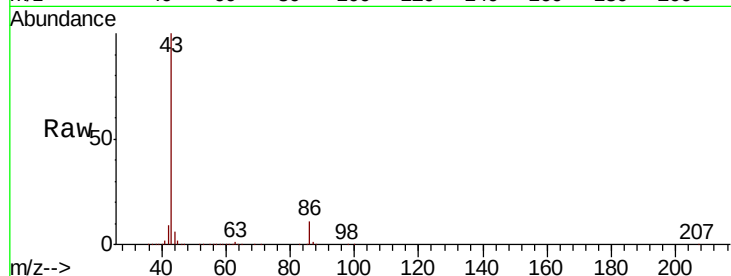
VN0806WBSD02

Tot Ion: 43 Resp: 1648028

Ion Ratio Lower Upper

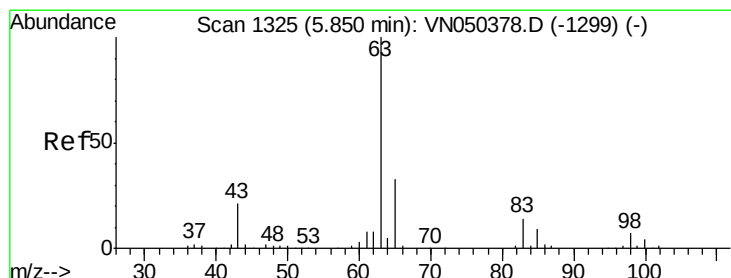
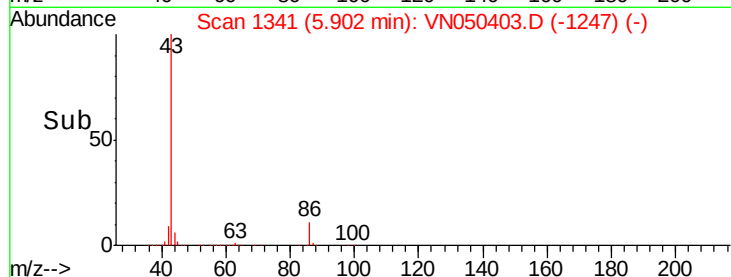
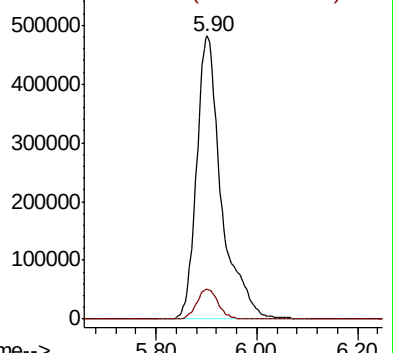
43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.56 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

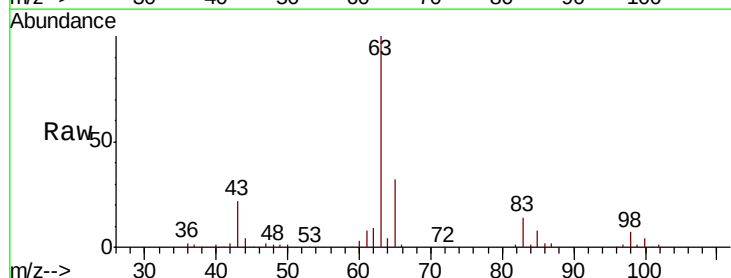
Tgt Ion: 63 Resp: 281353

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

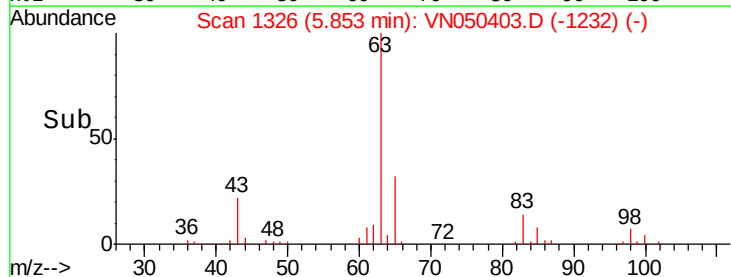
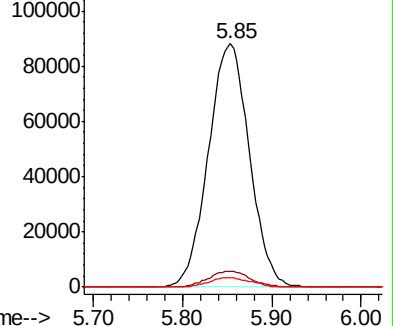
100 3.8 2.1 6.3

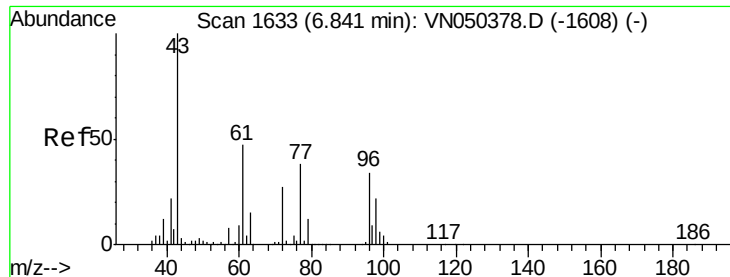


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 104.88 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

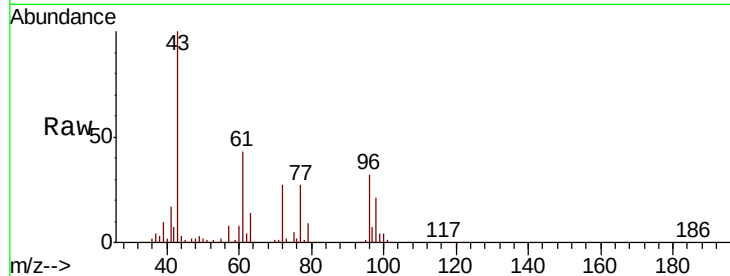
VN0806WBSD02

Tot Ion: 43 Resp: 436670

Ion Ratio Lower Upper

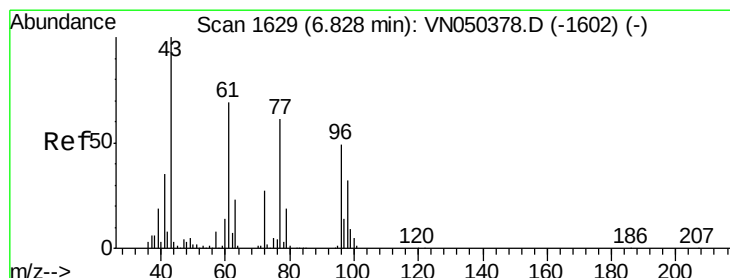
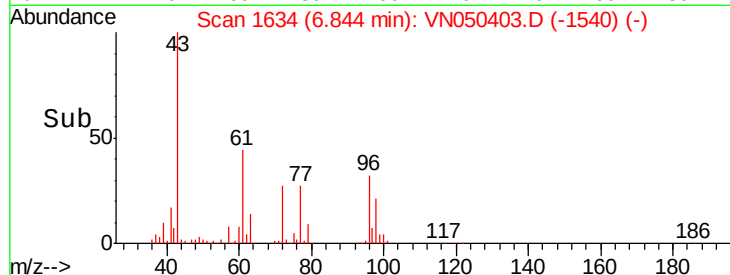
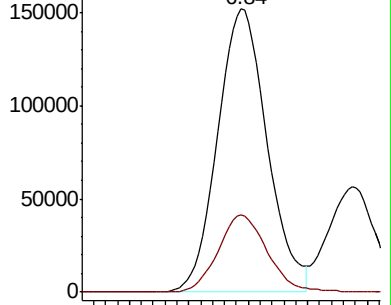
43 100

72 27.2 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 15.23 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN050403.D

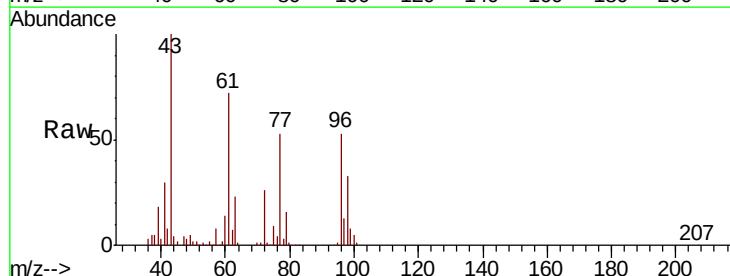
Acq: 7 Aug 2018 00:08

Tgt Ion: 77 Resp: 171850

Ion Ratio Lower Upper

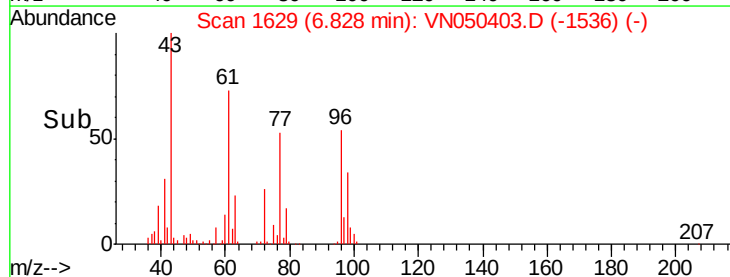
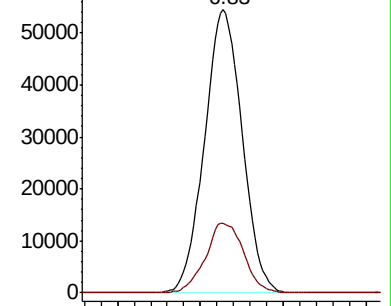
77 100

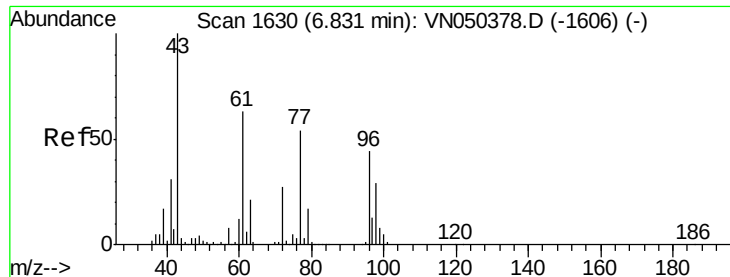
97 25.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

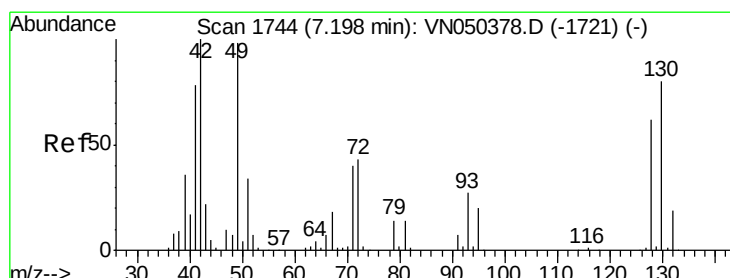
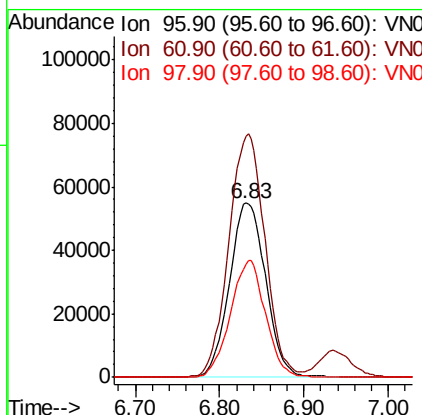
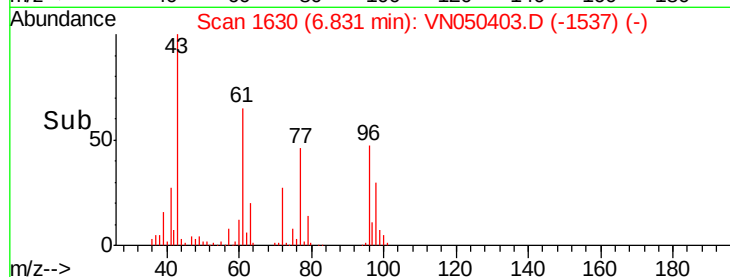
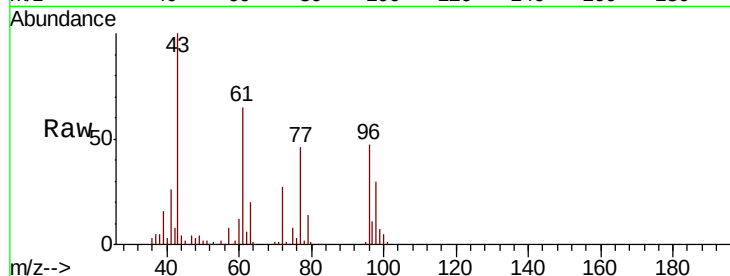




#27
 cis-1,2-Dichloroethene
 Concen: 20.13 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

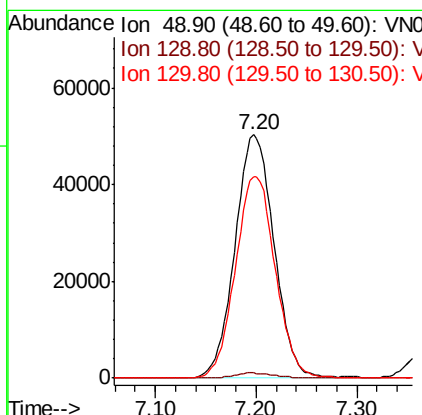
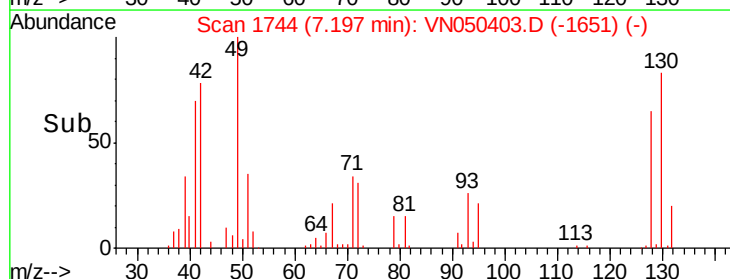
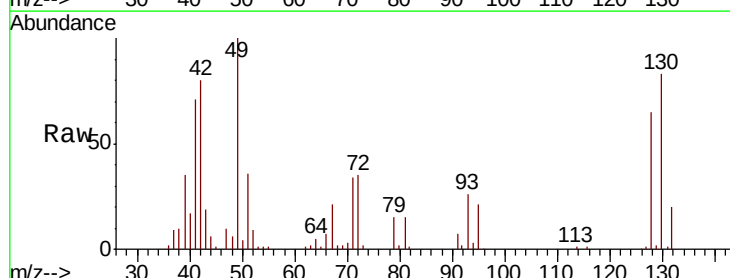
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

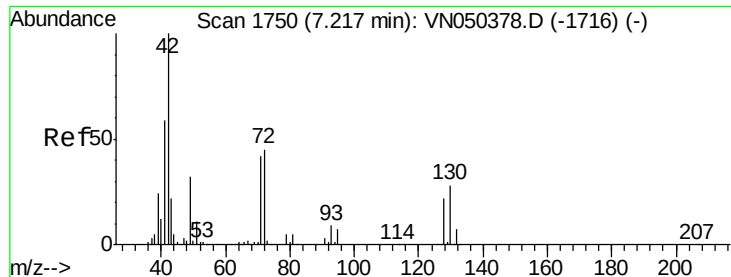
Tot Ion: 96 Resp: 164127
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 285.0
 98 64.8 0.0 129.2



#28
 Bromochloromethane
 Concen: 21.44 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 49 Resp: 135087
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 84.6 66.3 99.5

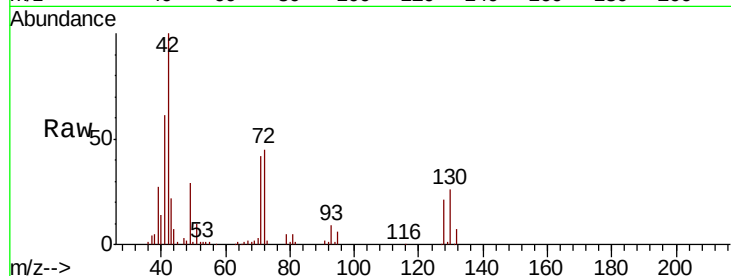




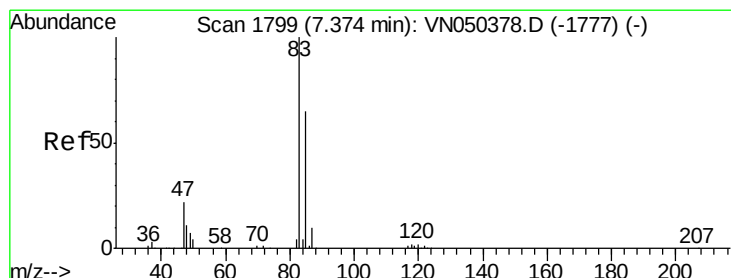
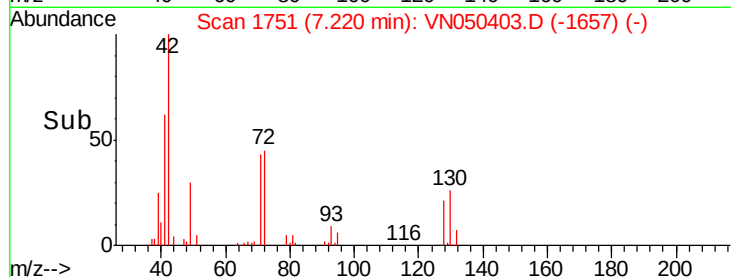
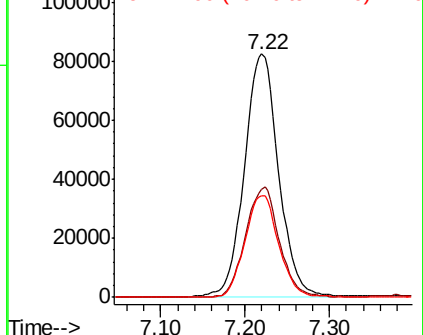
#29
Tetrahydrofuran
Concen: 103.45 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD02

Tot Ion: 42 Resp: 230538
Ion Ratio Lower Upper
42 100
72 45.2 35.9 53.9
71 41.9 33.7 50.5

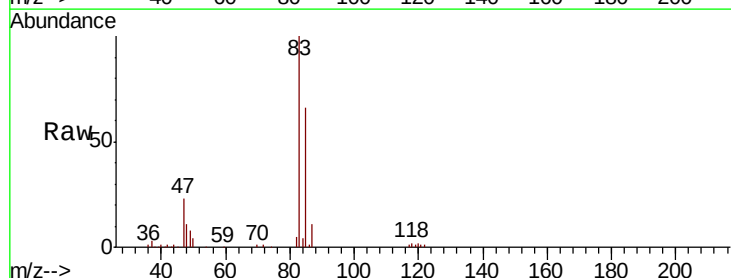


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

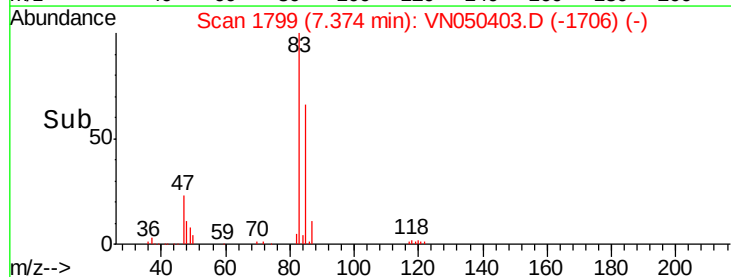
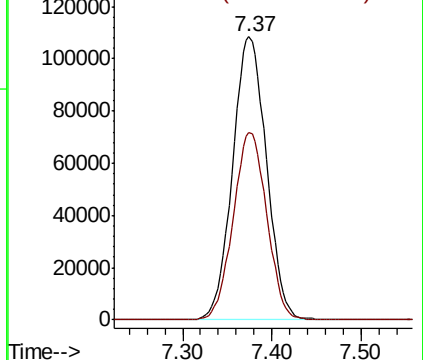


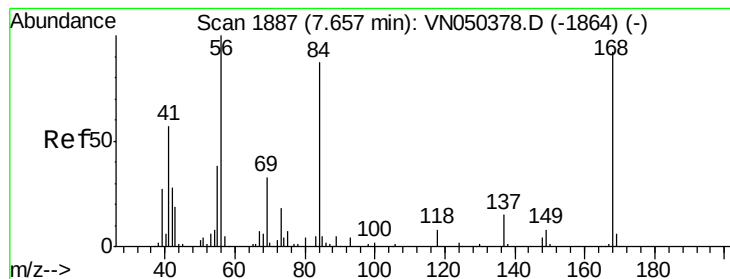
#30
Chloroform
Concen: 20.84 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion: 83 Resp: 285101
Ion Ratio Lower Upper
83 100
85 66.3 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.39 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

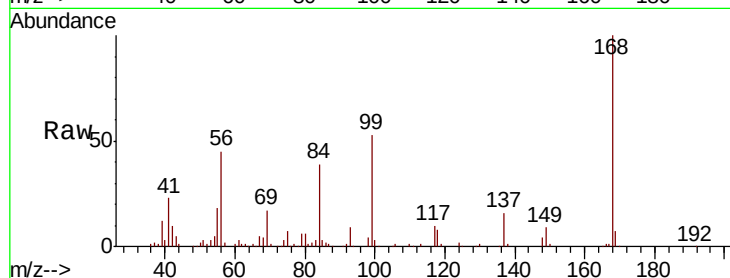
Tot Ion: 56 Resp: 238184

Ion Ratio Lower Upper

56 100

69 38.1 26.2 39.4

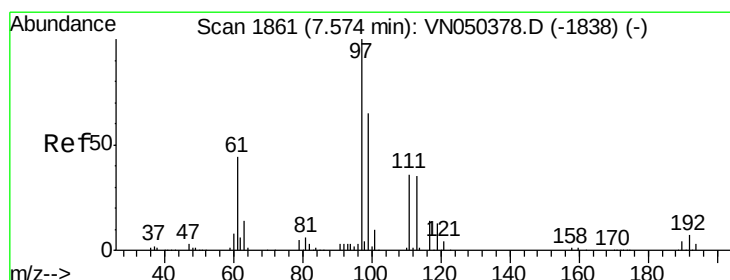
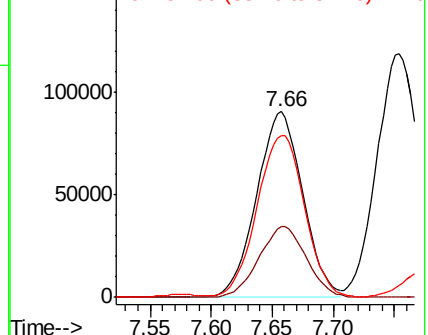
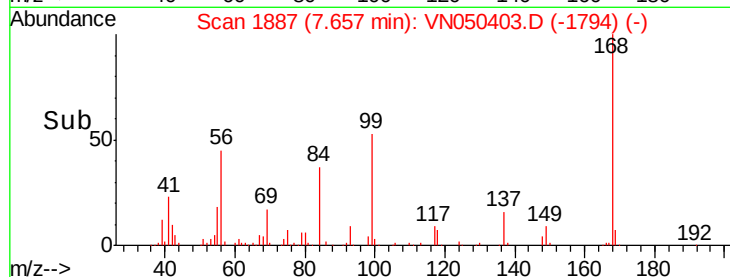
84 85.7 67.4 101.0



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



#32

1,1,1-Trichloroethane

Concen: 20.51 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

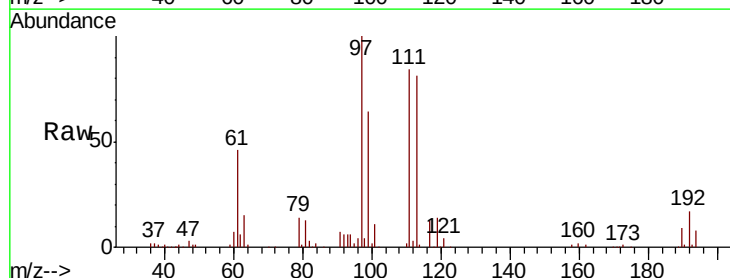
Tgt Ion: 97 Resp: 240968

Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

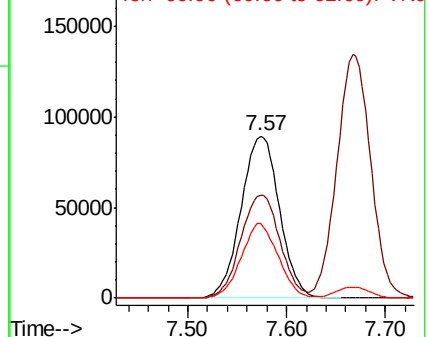
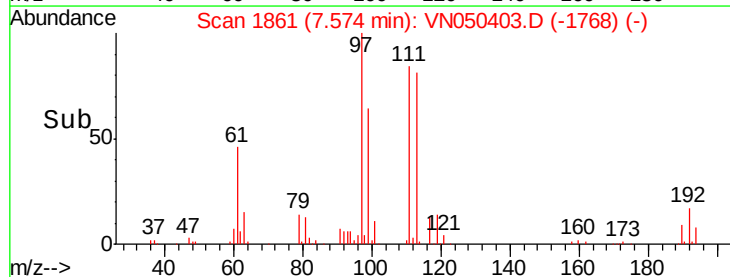
61 44.2 35.4 53.0

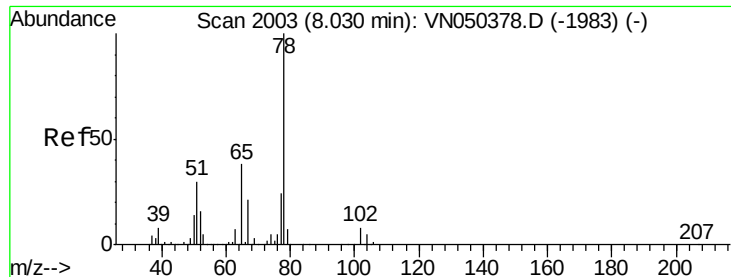


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

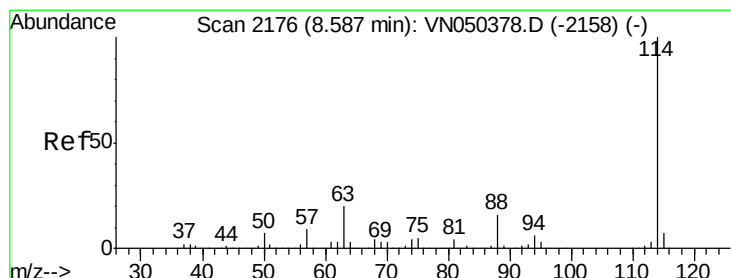
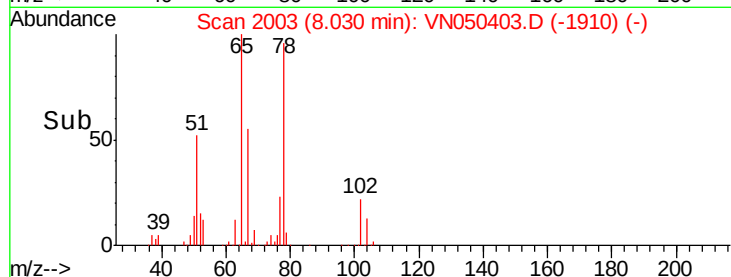
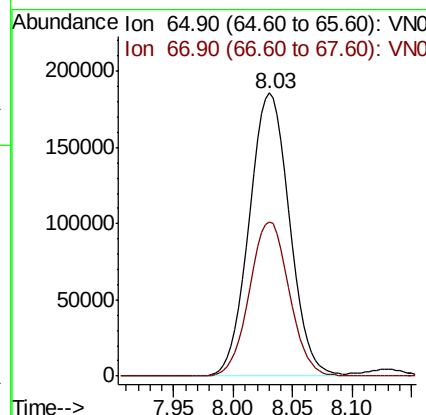
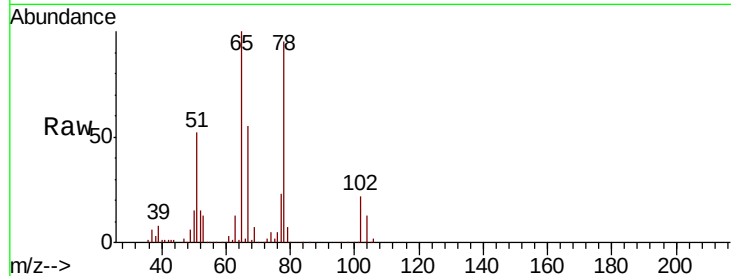




#33
 1,2-Dichloroethane-d4
 Concen: 51.97 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

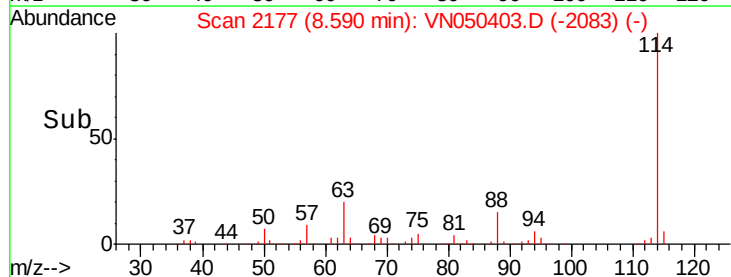
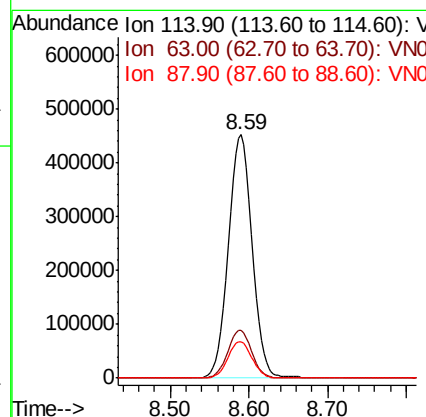
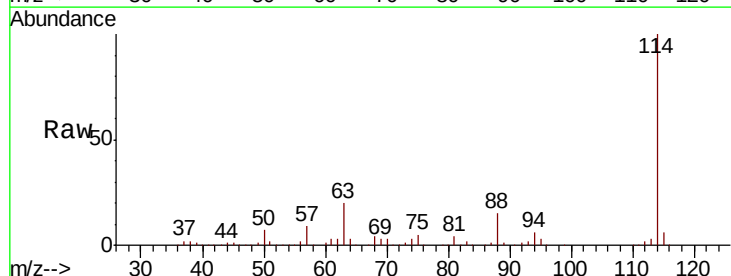
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

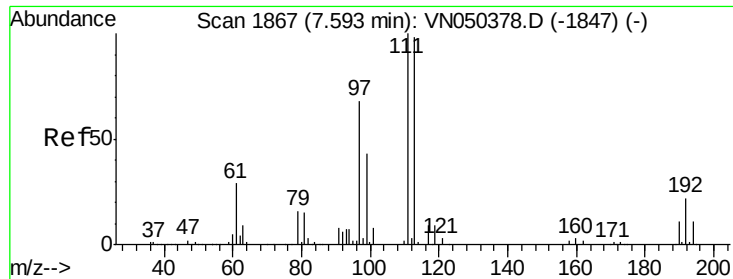
Tot Ion: 65 Resp: 436638
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 114 Resp: 940386
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.0 0.0 31.2

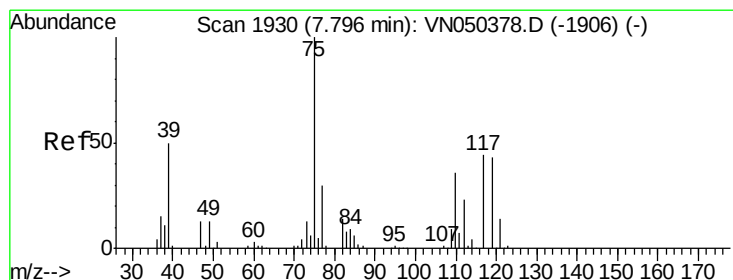
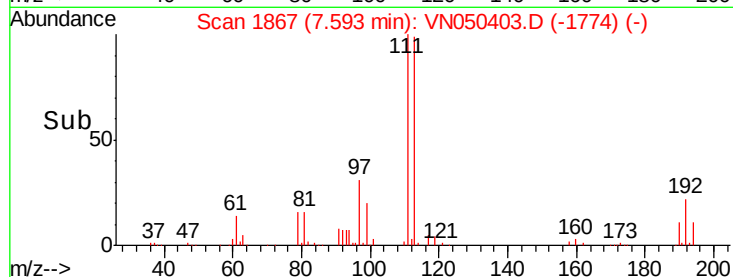
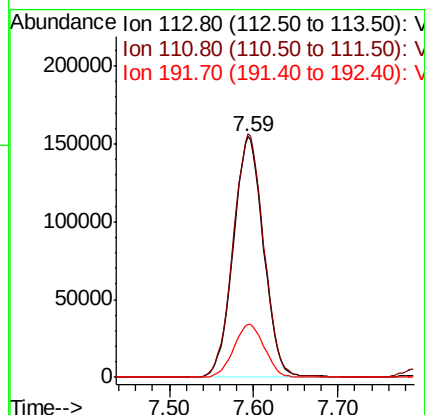
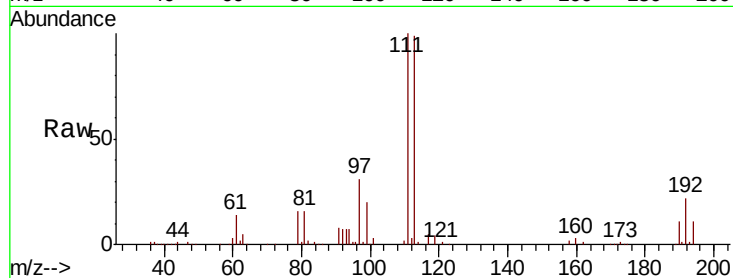




#35
 Dibromofluoromethane
 Concen: 51.04 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

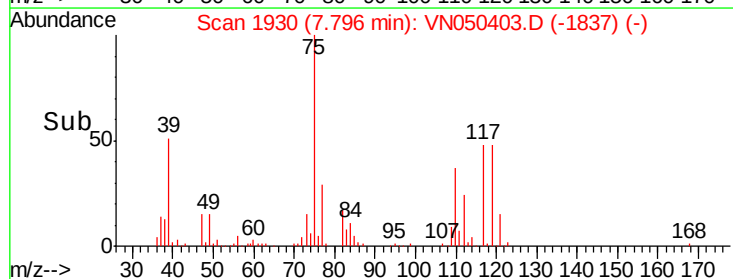
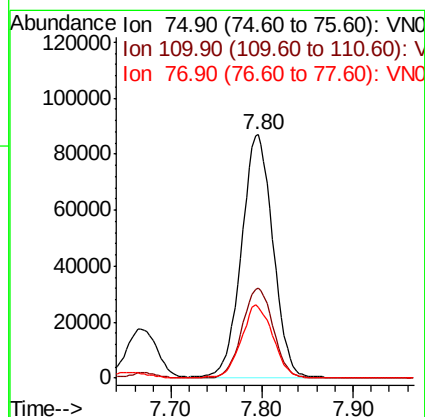
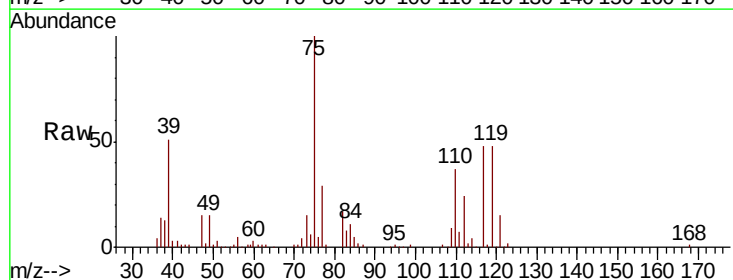
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

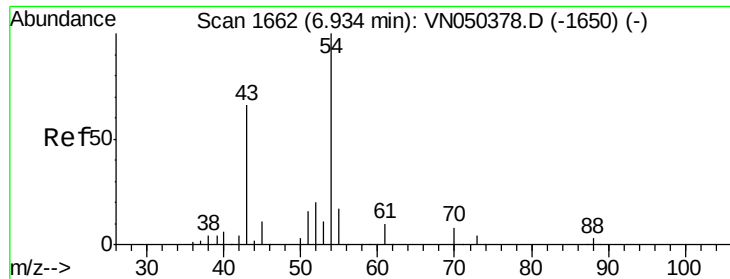
Tot Ion:113 Resp: 385141
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.7 121.1
 192 22.3 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 20.16 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 75 Resp: 208300
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.4 55.2
 77 30.4 25.3 37.9

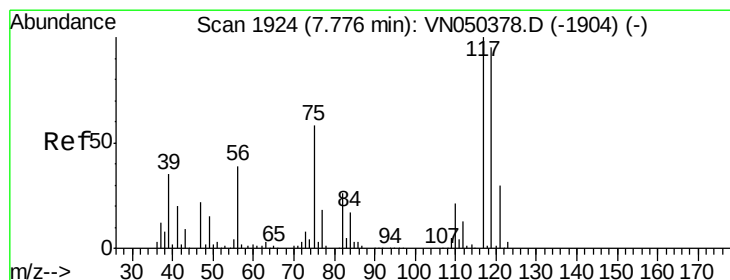
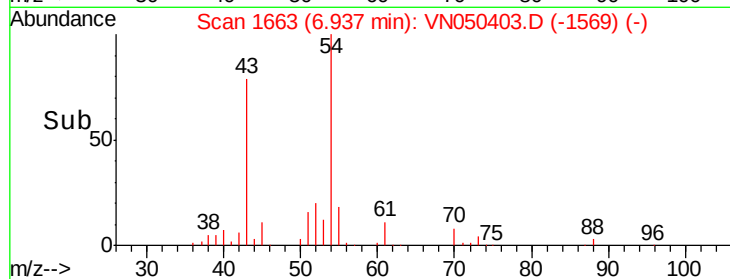
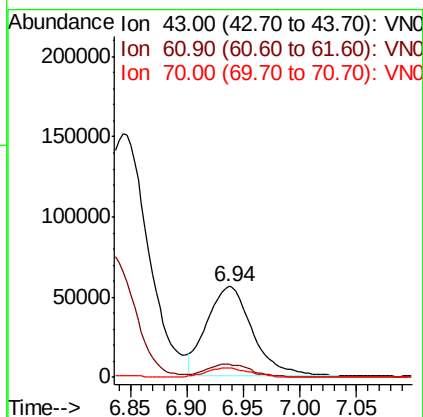
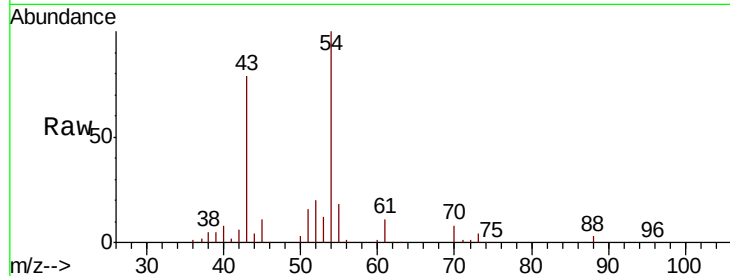




#37
Ethyl Acetate
Concen: 21.10 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

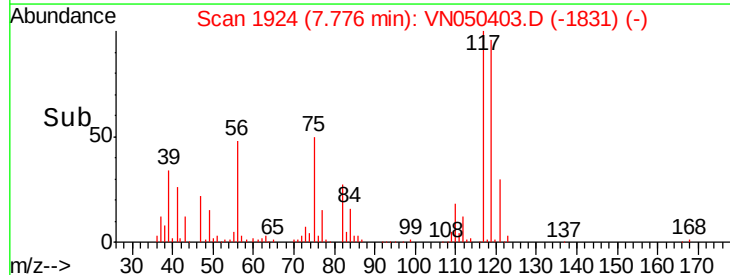
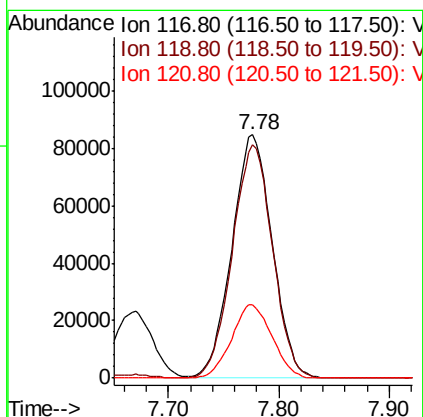
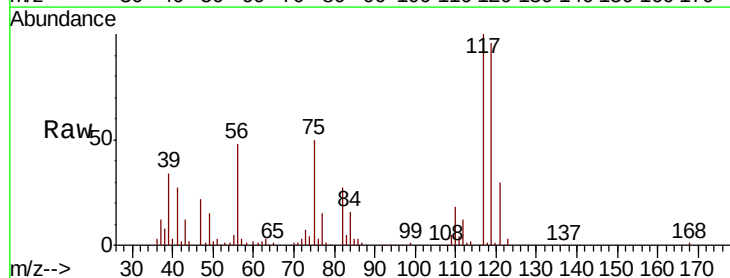
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

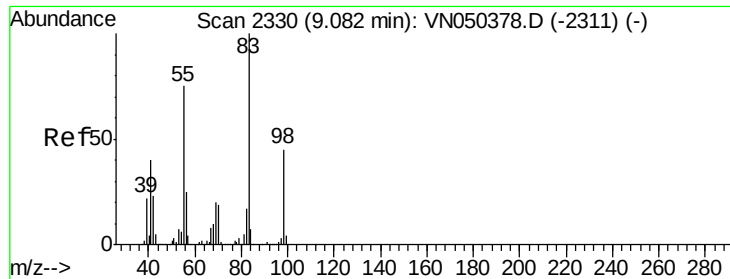
Tot Ion: 43 Resp: 156973
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.8
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.90 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion: 117 Resp: 214511
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
121 29.9 23.9 35.9

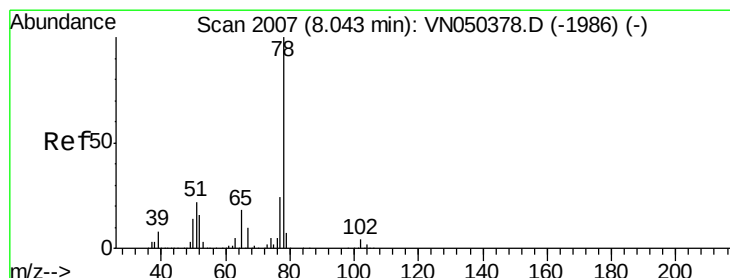
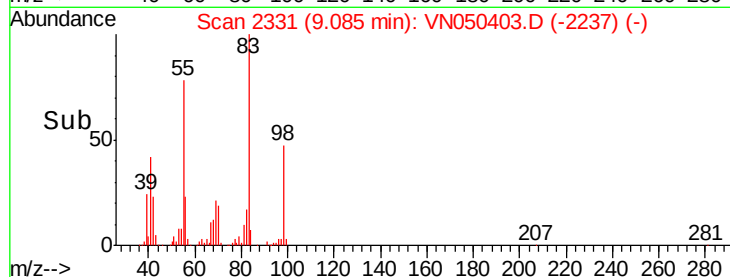
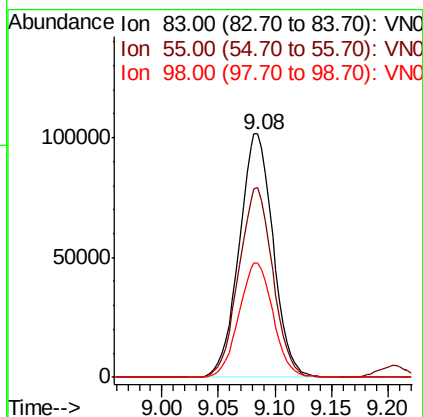
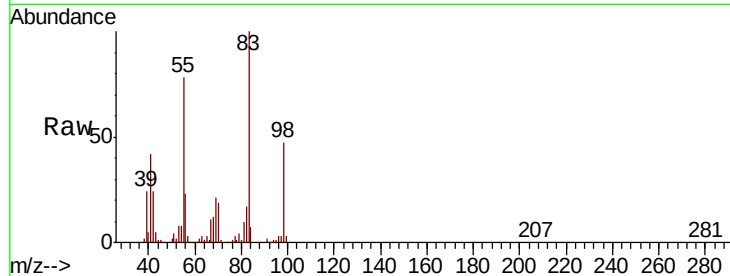




#39
Methylvlcyclohexane
Concen: 18.80 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

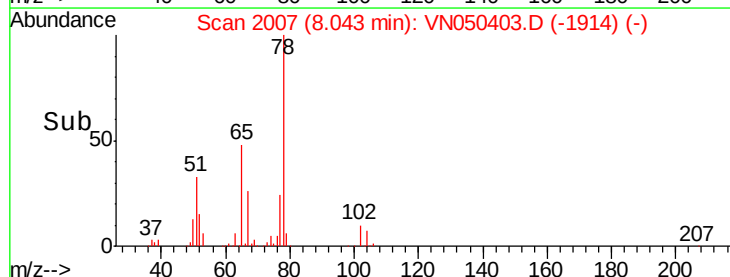
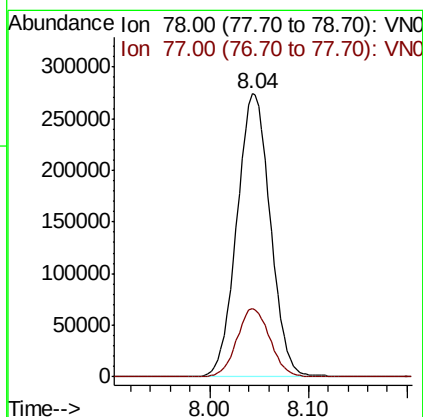
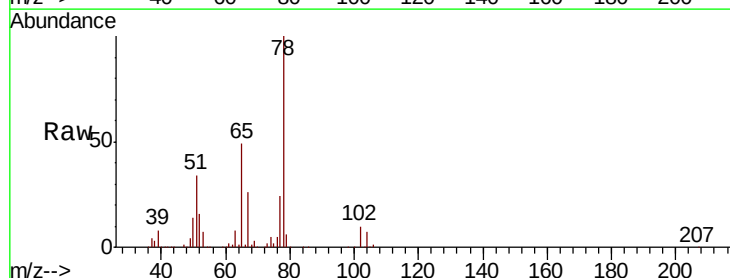
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

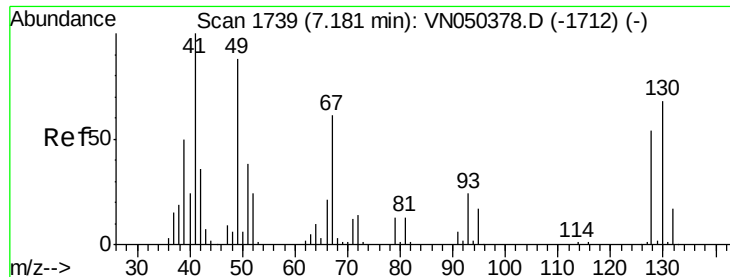
Tot Ion: 83 Resp: 212077
Ion Ratio Lower Upper
83 100
55 78.1 61.8 92.8
98 47.1 36.5 54.7



#40
Benzene
Concen: 20.25 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion: 78 Resp: 643385
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1

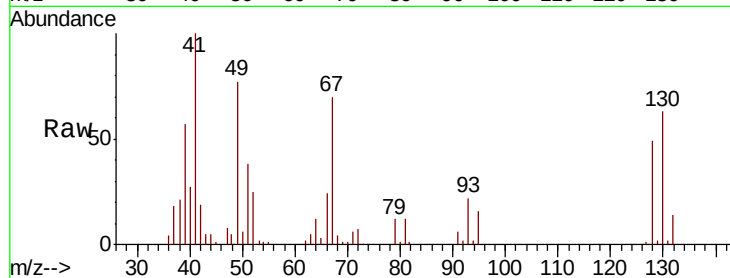




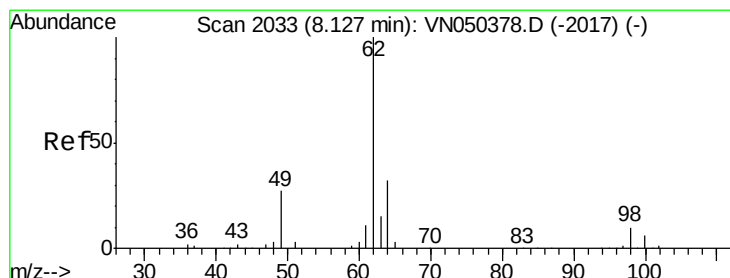
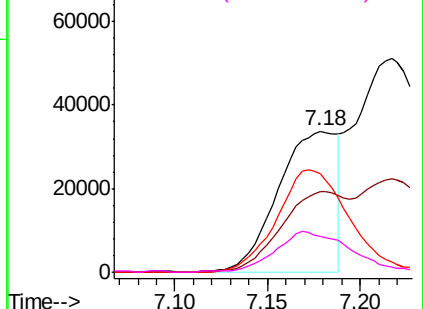
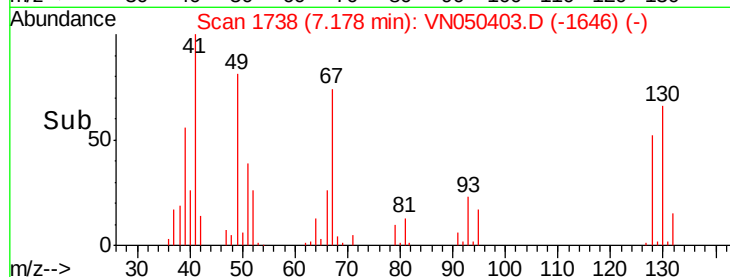
#41
Methacrylonitrile
Concen: 18.97 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

Tot Ion: 41 Resp: 75062
Ion Ratio Lower Upper
41 100
39 63.4 55.8 83.6
67 88.4 84.3 126.5
52 37.3 34.2 51.2

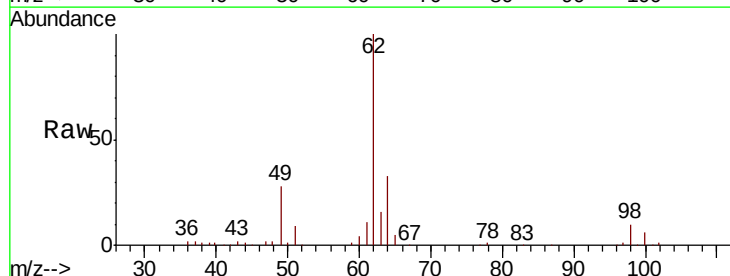


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

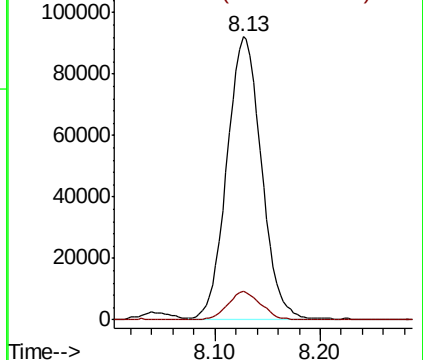
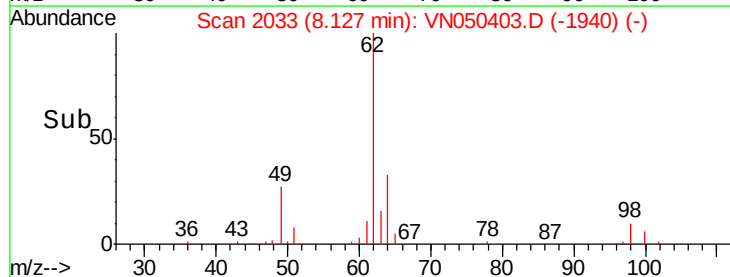


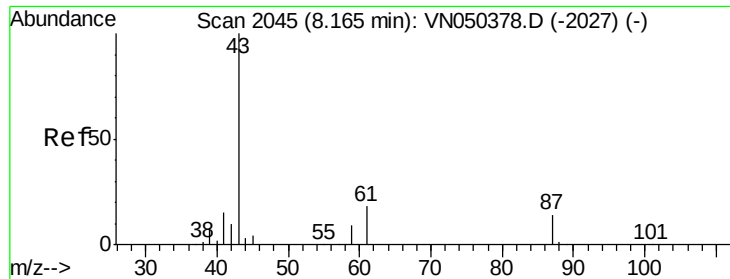
#42
1,2-Dichloroethane
Concen: 20.64 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion: 62 Resp: 208161
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 21.76 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

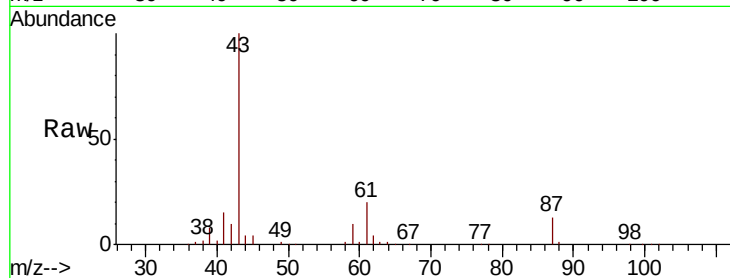
Tot Ion: 43 Resp: 279539

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.6

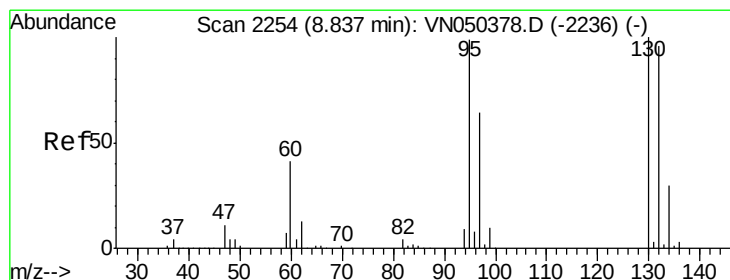
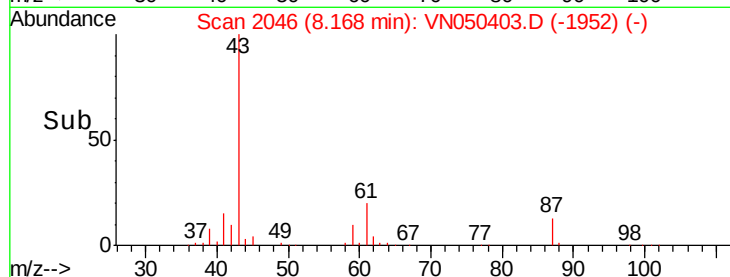
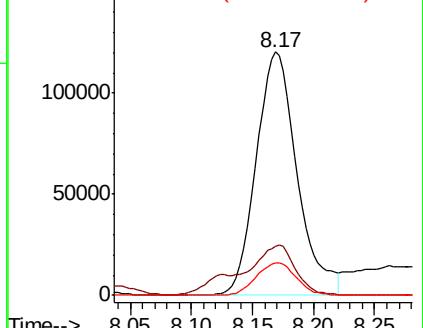
87 13.1 10.3 15.5



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



#44

Trichloroethene

Concen: 19.47 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050403.D

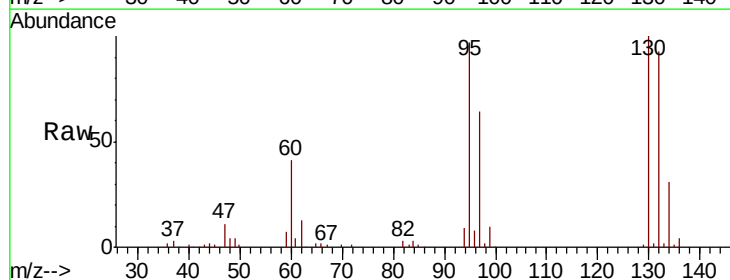
Acq: 7 Aug 2018 00:08

Tgt Ion:130 Resp: 166185

Ion Ratio Lower Upper

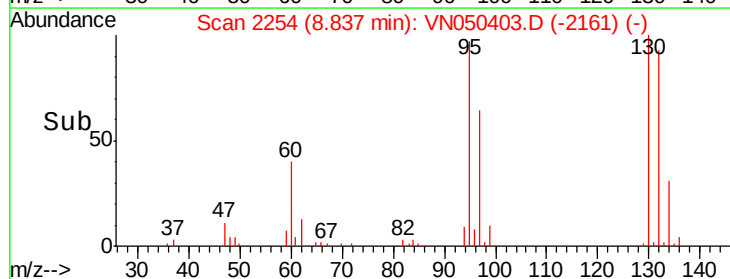
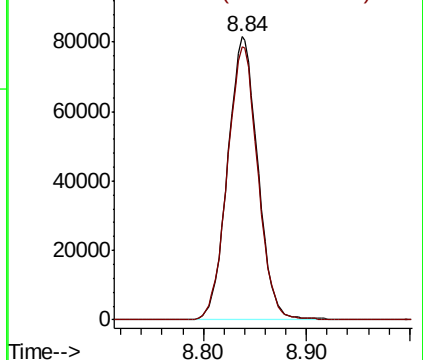
130 100

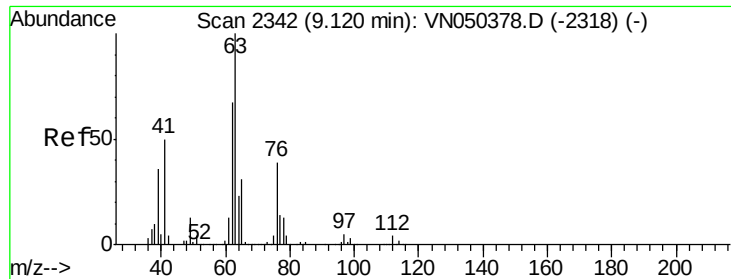
95 96.7 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

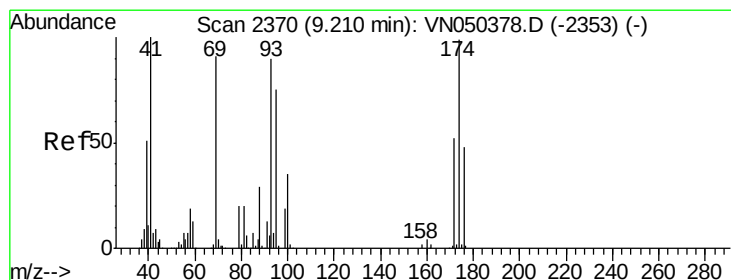
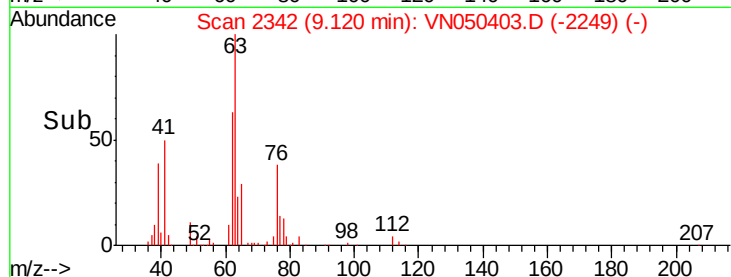
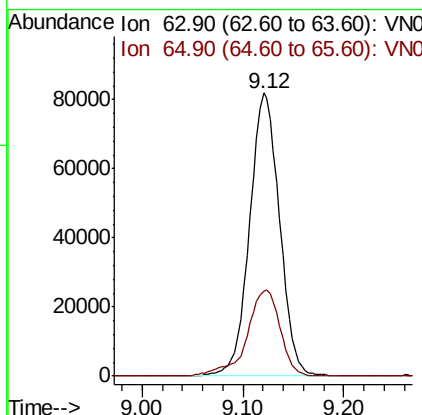
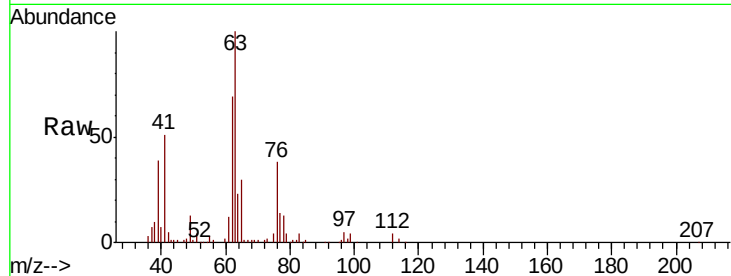




#45
 1,2-Dichloropropane
 Concen: 20.10 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

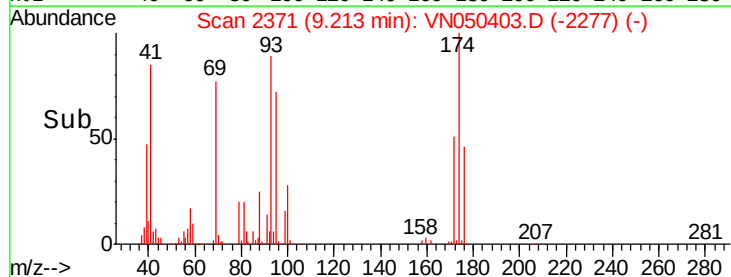
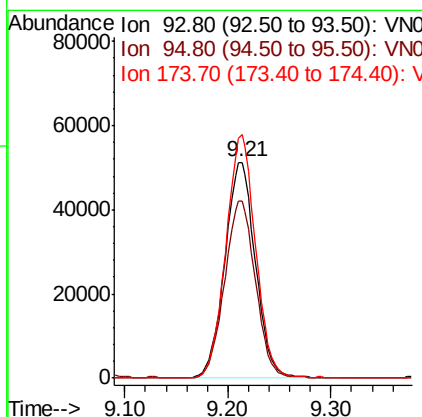
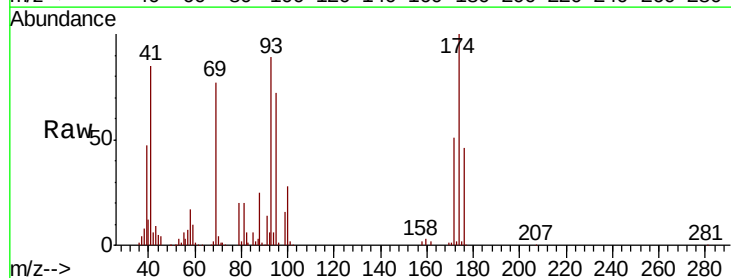
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

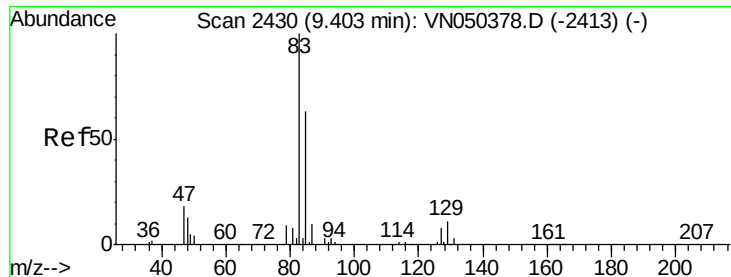
Tot Ion: 63 Resp: 167853
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.5 38.3



#46
 Dibromomethane
 Concen: 20.54 ug/l
 RT: 9.21 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 93 Resp: 105950
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 109.4 87.1 130.7





#47

Bromodichloromethane

Concen: 20.09 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

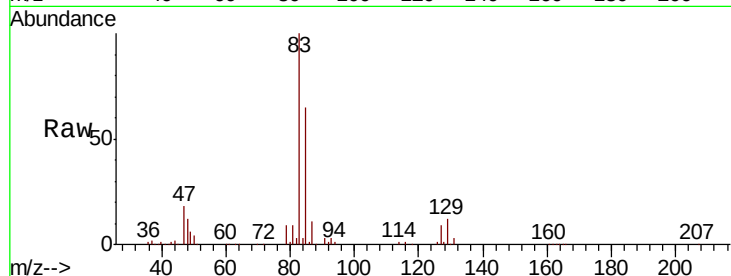
Tot Ion: 83 Resp: 214573

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7

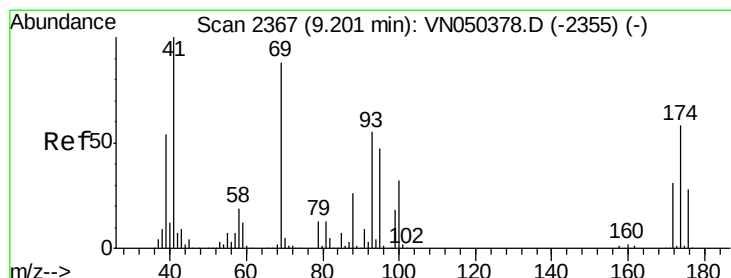
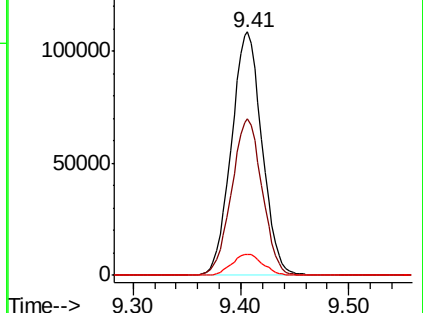
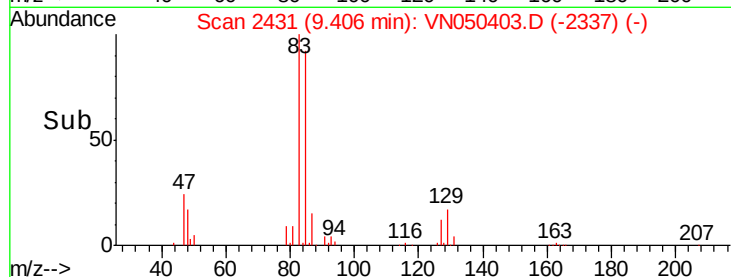
127 8.6 7.0 10.4



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: 20.06 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

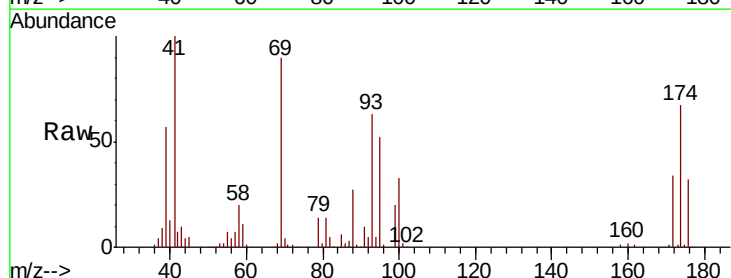
Tgt Ion: 41 Resp: 129136

Ion Ratio Lower Upper

41 100

69 91.0 70.6 105.8

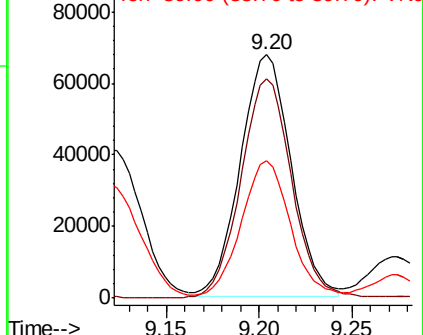
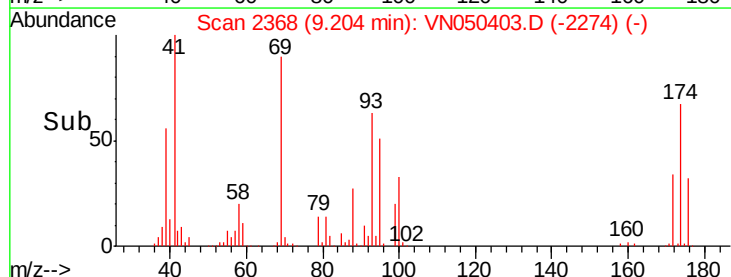
39 55.0 43.9 65.9

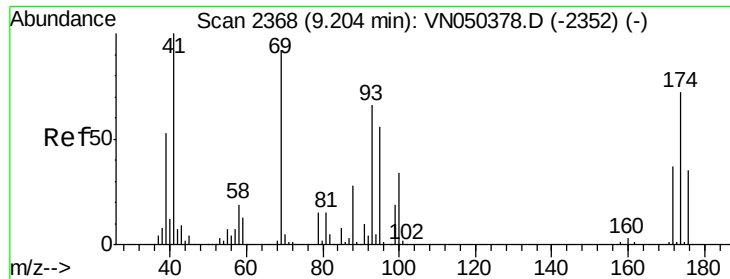


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 399.66 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

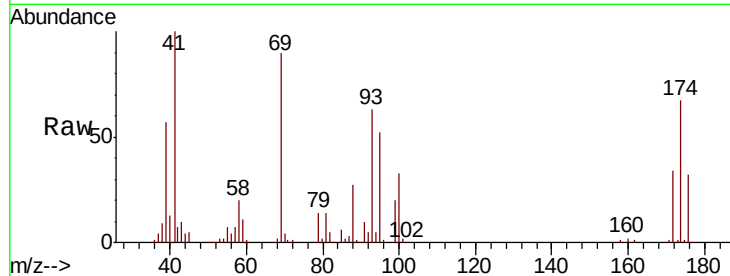
Tot Ion: 88 Resp: 39661

Ion Ratio Lower Upper

88 100

43 32.4 26.9 40.3

58 69.0 57.3 85.9

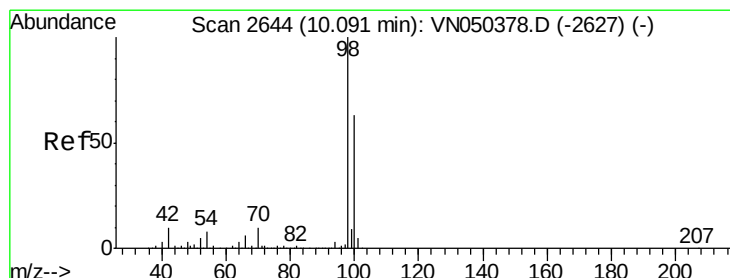
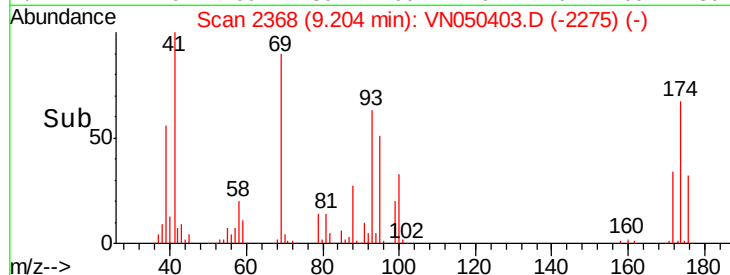
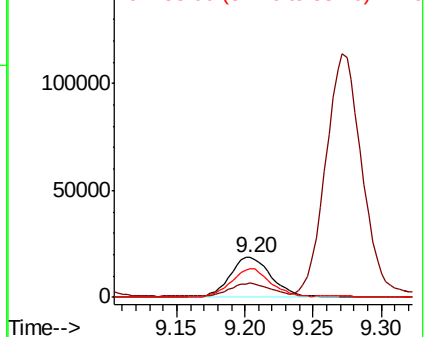


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.55 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050403.D

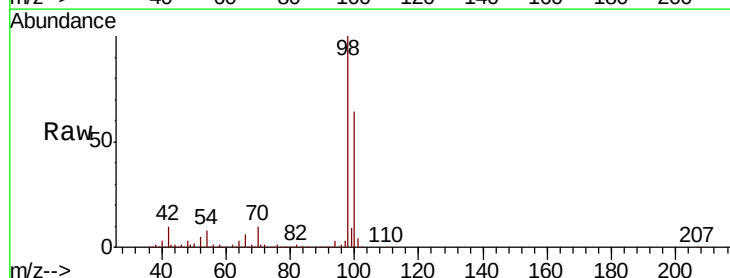
Acq: 7 Aug 2018 00:08

Tgt Ion: 98 Resp: 1434029

Ion Ratio Lower Upper

98 100

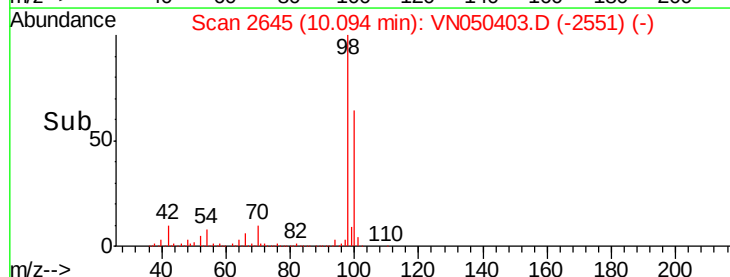
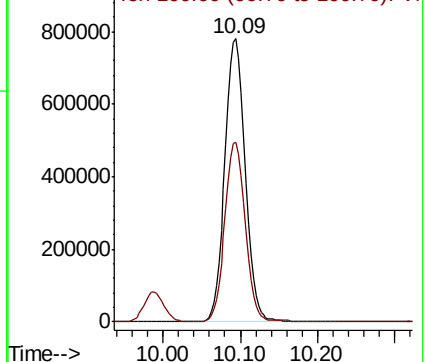
100 63.8 50.7 76.1

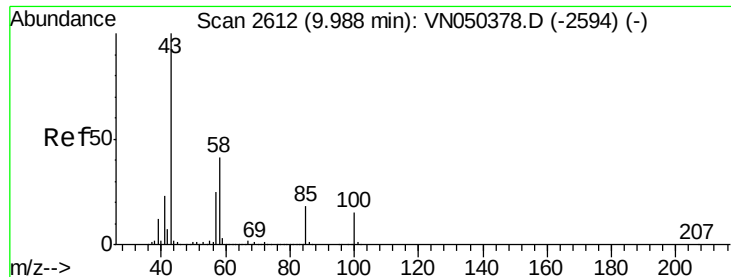


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

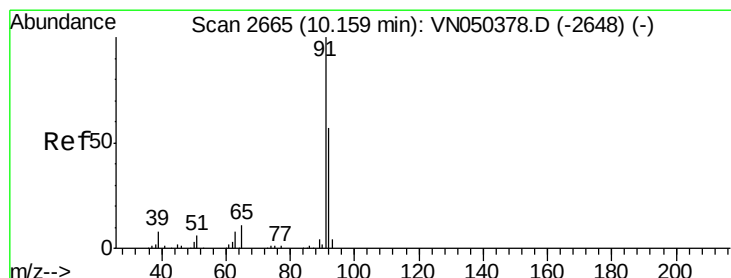
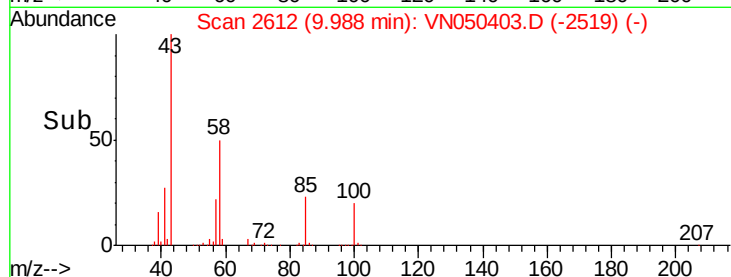
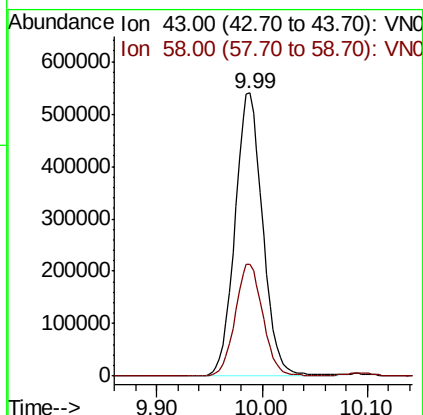
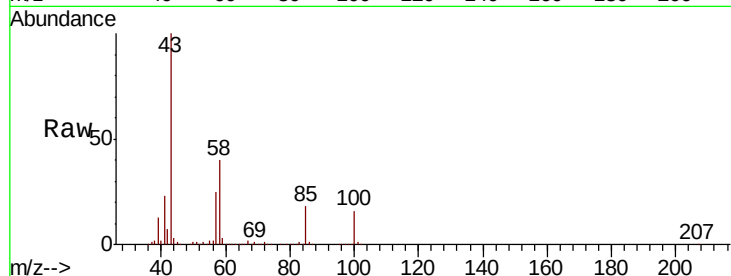




#51
 4-Methyl-2-Pentanone
 Concen: 105.92 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

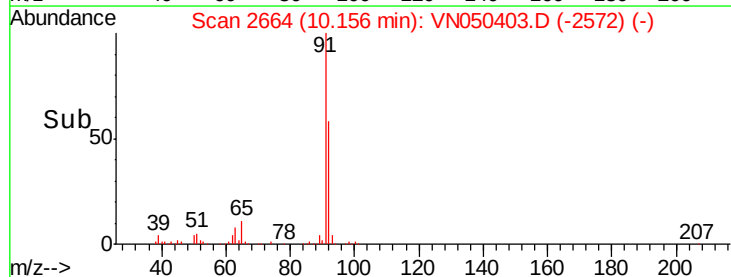
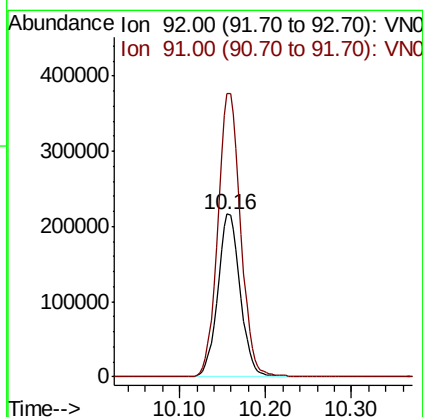
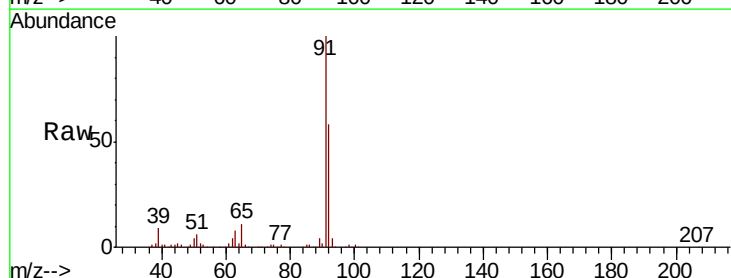
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

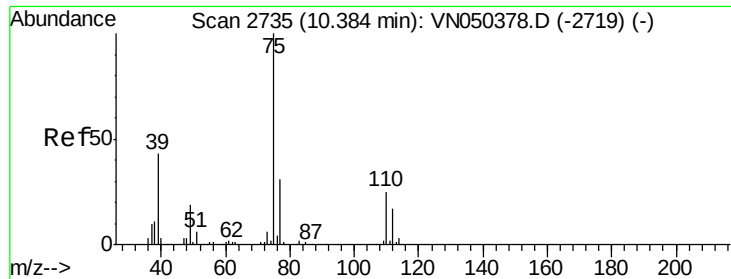
Tot Ion: 43 Resp: 979831
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.9 47.9



#52
 Toluene
 Concen: 20.60 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 92 Resp: 393075
 Ion Ratio Lower Upper
 92 100
 91 176.7 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 19.02 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

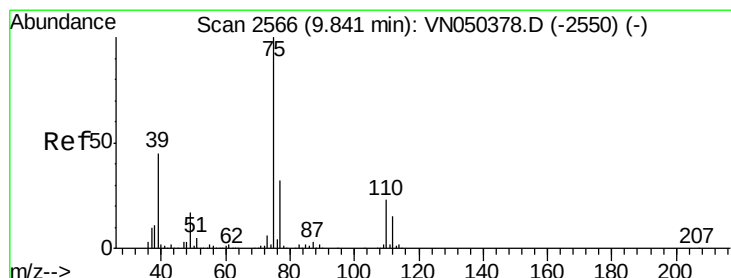
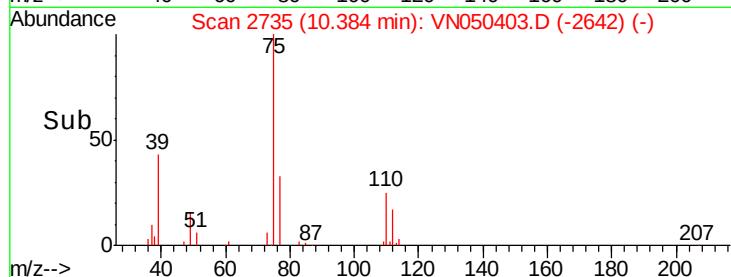
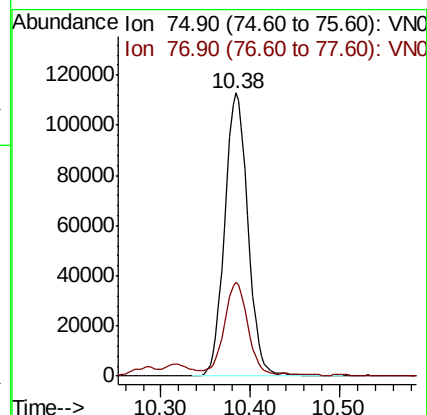
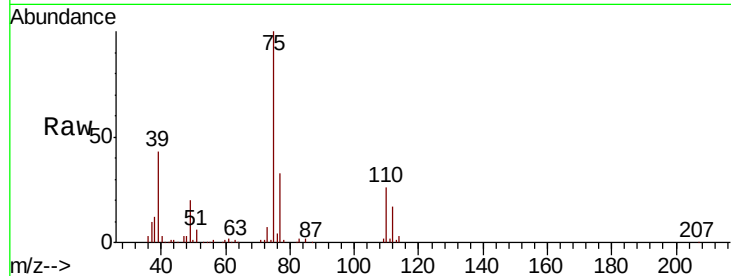
VN0806WBSD02

Tot Ion: 75 Resp: 203974

Ion Ratio Lower Upper

75 100

77 32.9 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.60 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

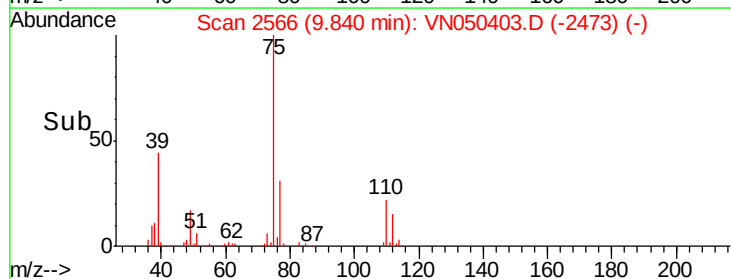
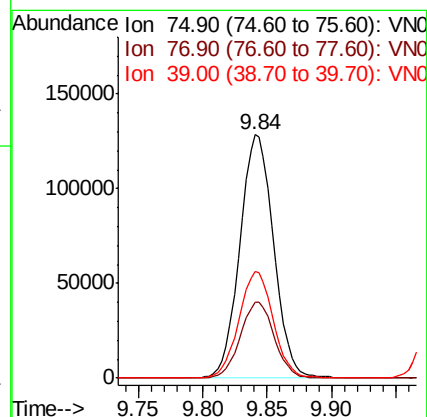
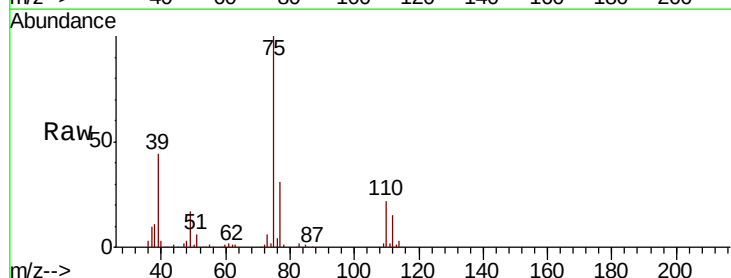
Tgt Ion: 75 Resp: 234613

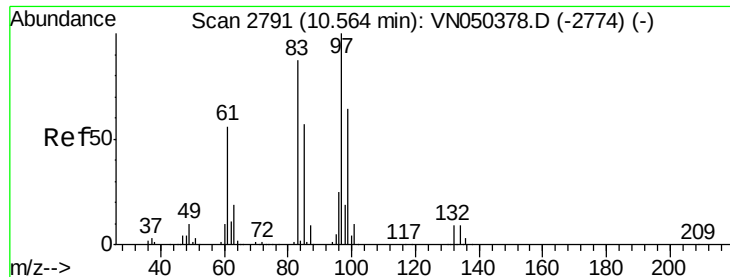
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 43.7 36.6 55.0

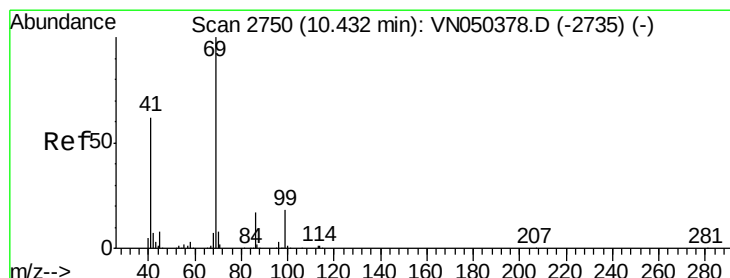
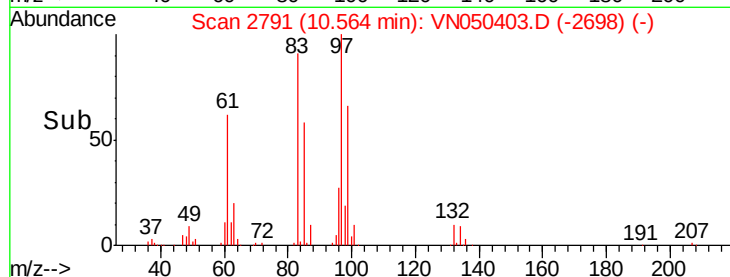
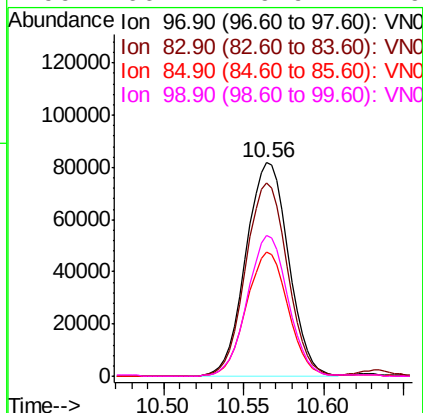
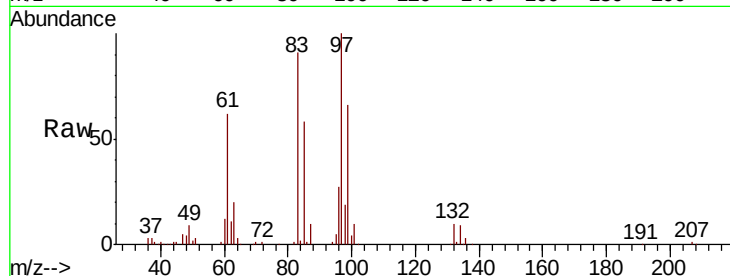




#55
 1,1,2-Trichloroethane
 Concen: 20.12 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

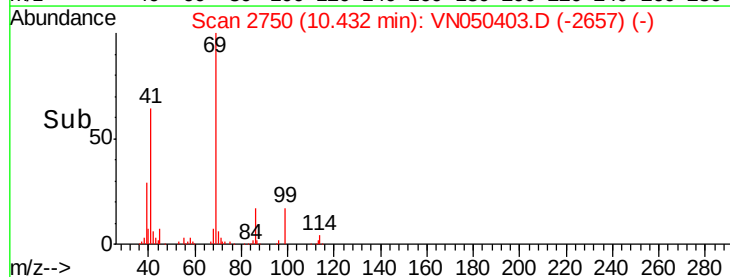
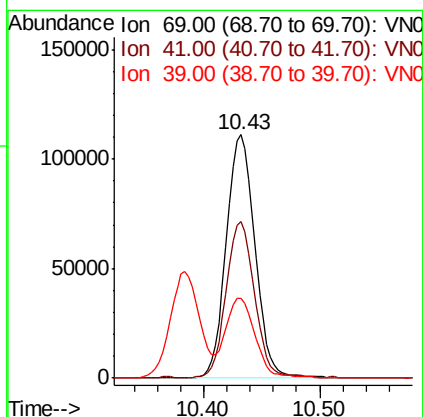
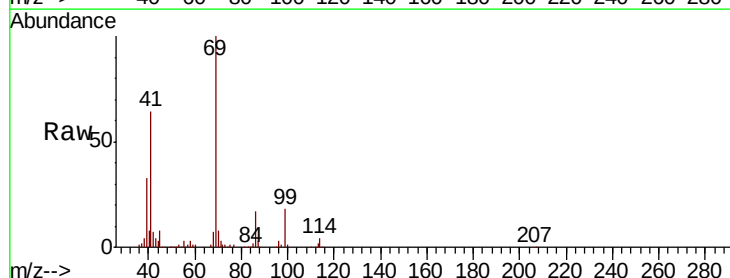
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

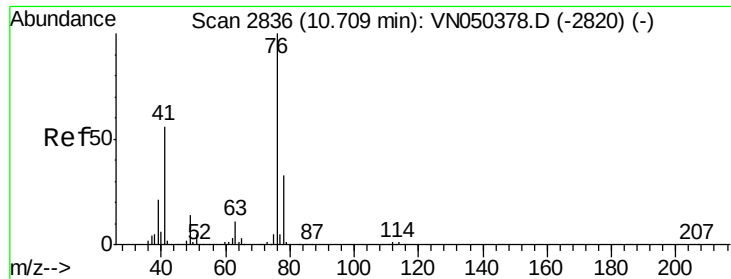
Tot Ion:	97	Resp:	149892
Ion	Ratio	Lower	Upper
97	100		
83	90.6	69.2	103.8
85	58.1	44.0	66.0
99	66.1	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.11 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion:	69	Resp:	189903
Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.0	76.4
39	33.1	26.6	40.0

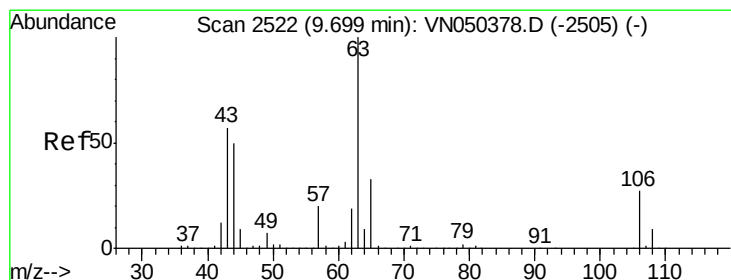
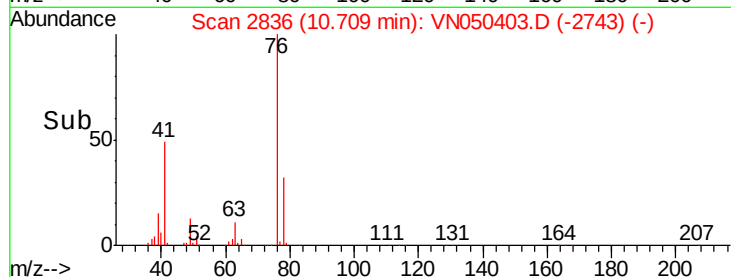
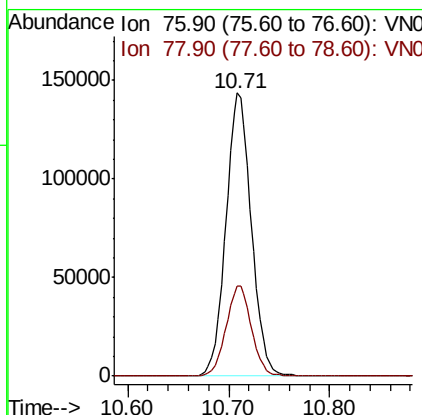
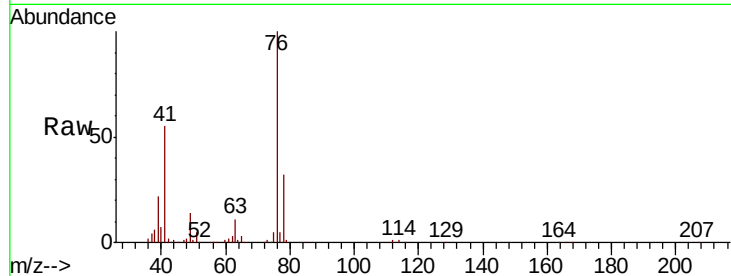




#57
 1,3-Dichloropropane
 Concen: 20.64 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

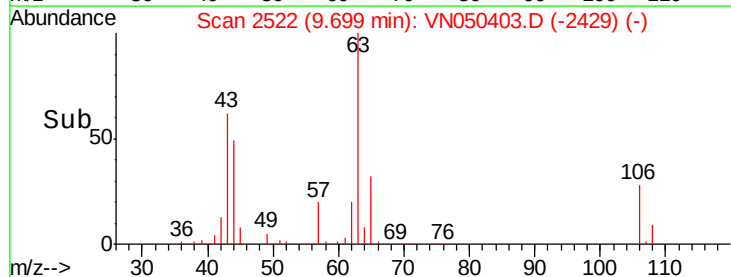
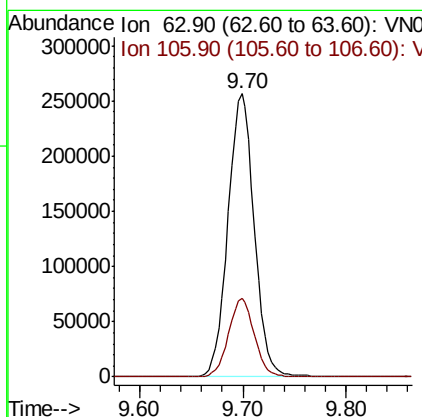
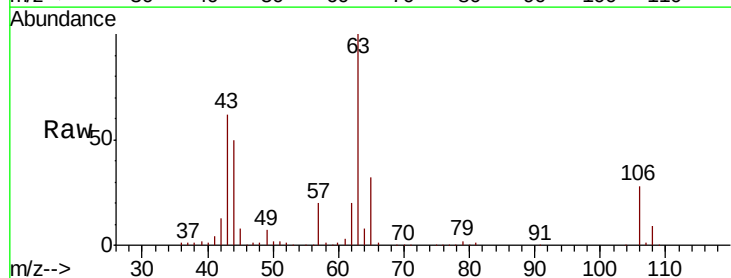
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

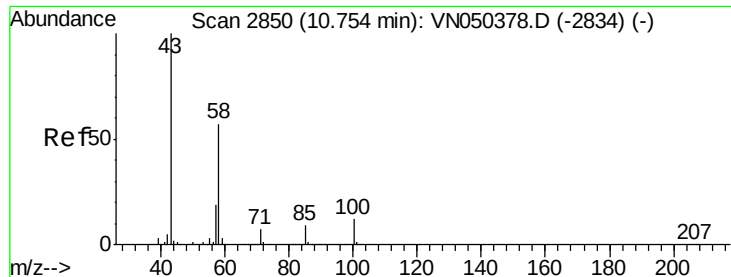
Tot Ion: 76 Resp: 252391
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.49 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 63 Resp: 456187
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.7 32.5

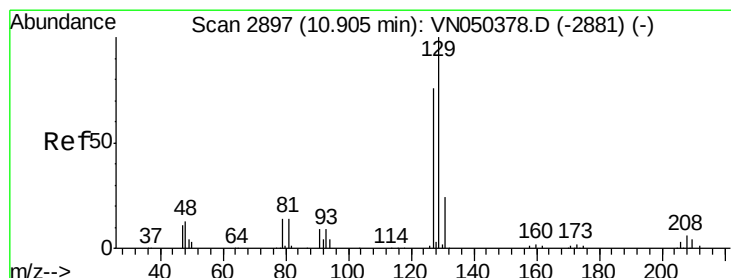
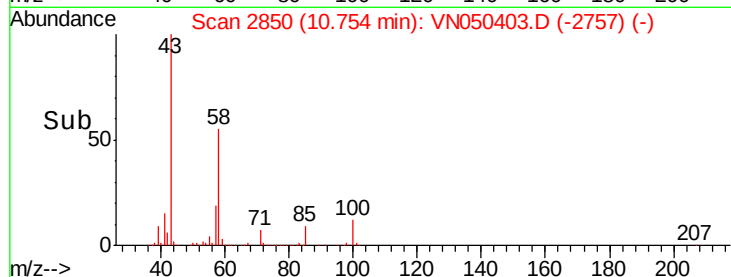
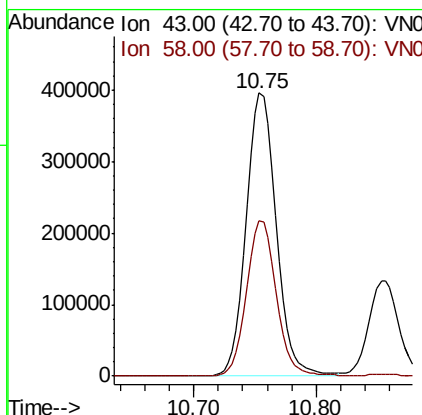
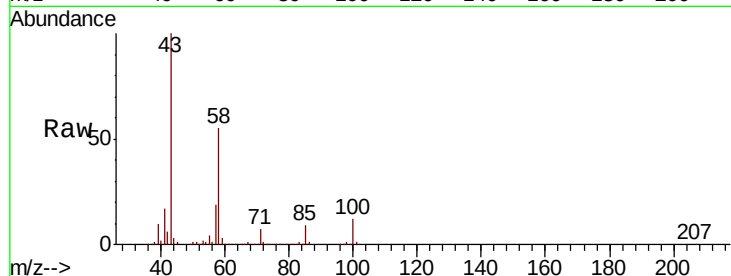




#59
2-Hexanone
Concen: 103.55 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

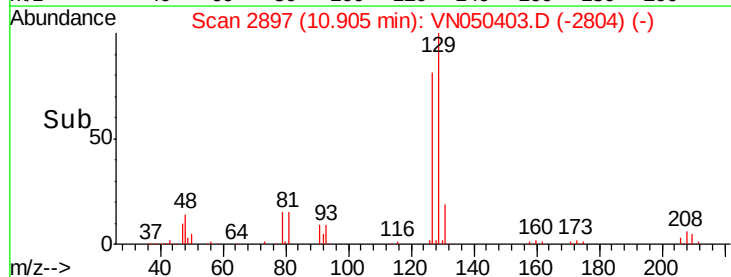
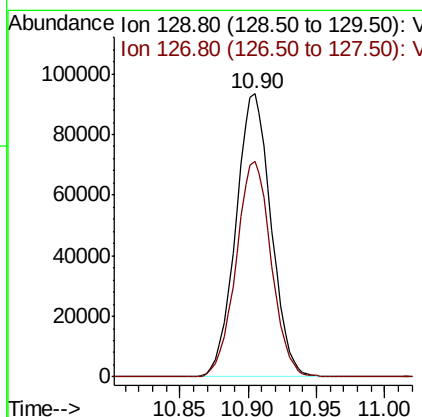
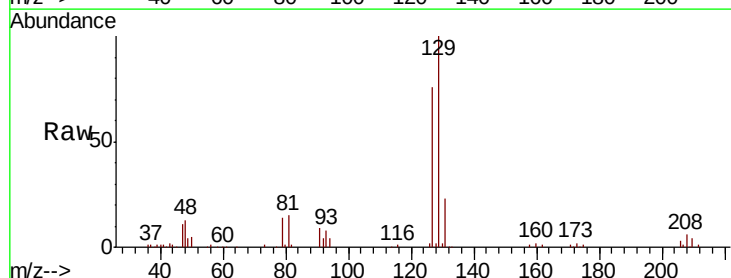
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

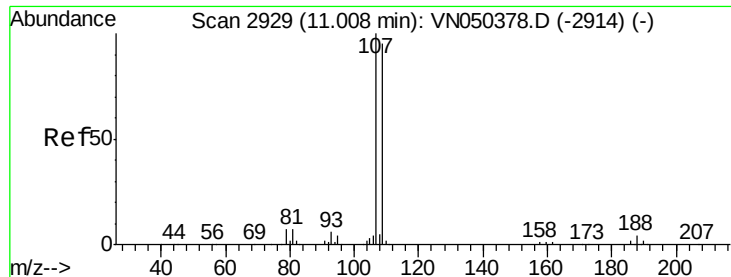
Tot Ion: 43 Resp: 668503
Ion Ratio Lower Upper
43 100
58 54.4 27.6 82.7



#60
Dibromochloromethane
Concen: 20.42 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion: 129 Resp: 167598
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9

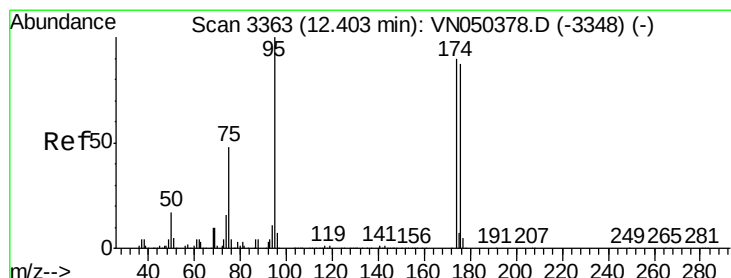
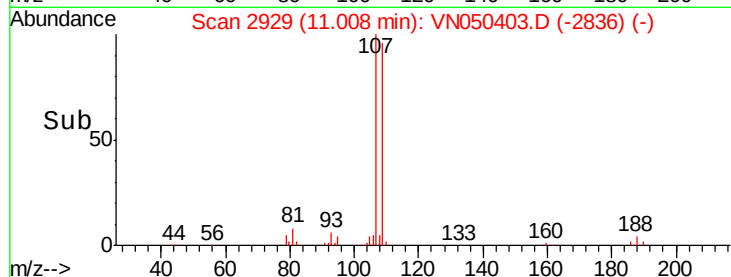
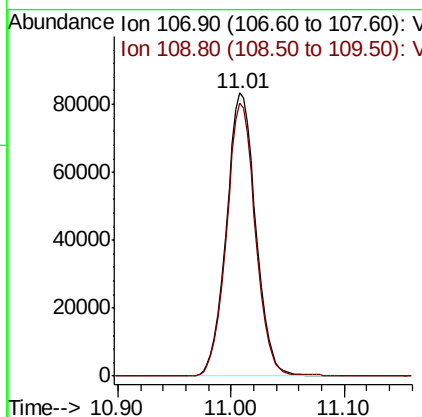
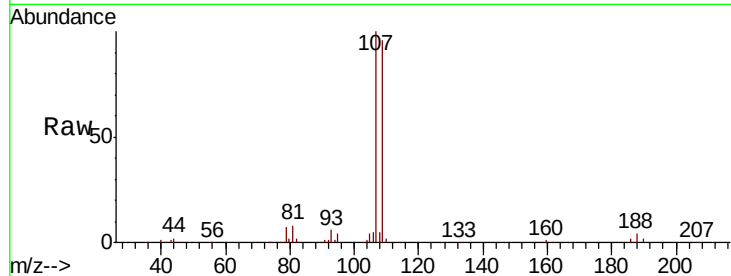




#61
 1,2-Dibromoethane
 Concen: 20.44 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

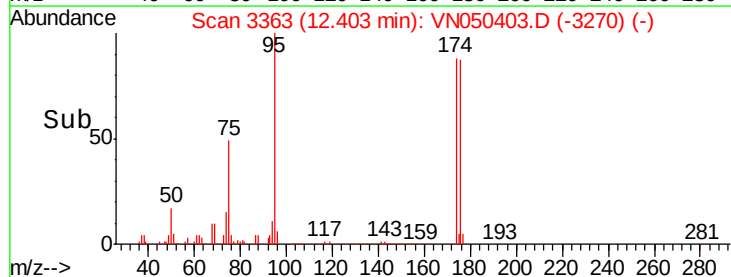
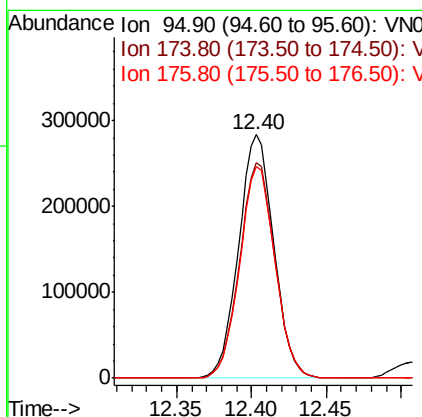
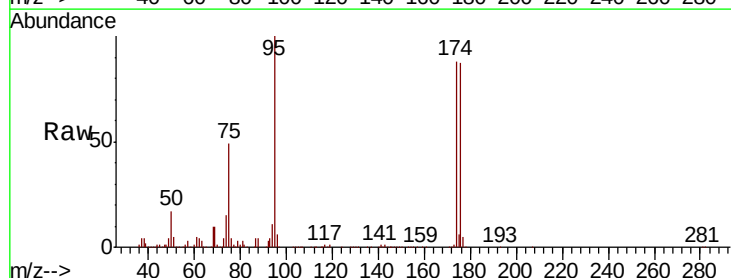
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

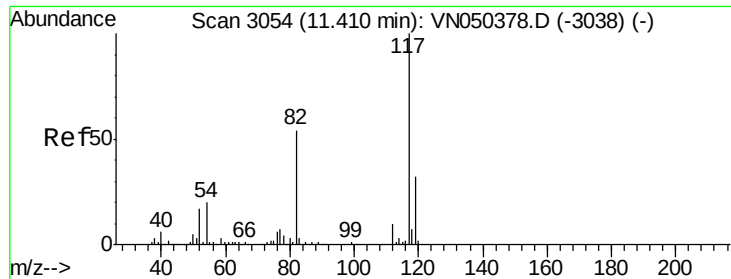
Tot Ion:107 Resp: 150074
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 47.91 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion: 95 Resp: 463236
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 178.2
 176 87.3 0.0 173.4

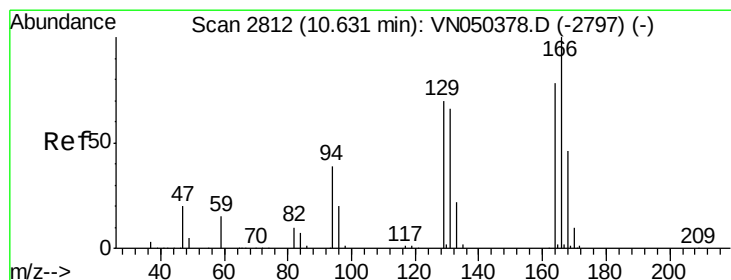
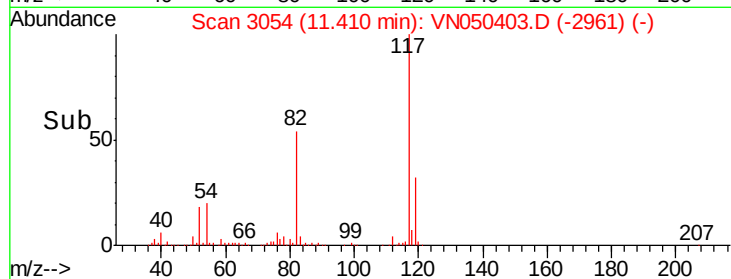
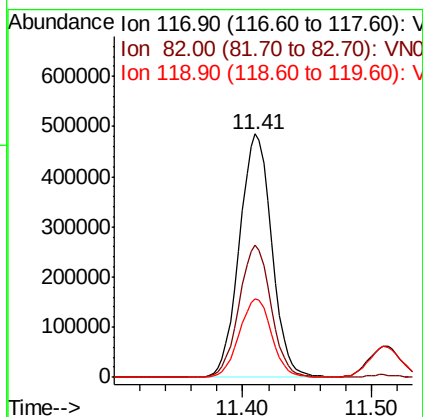
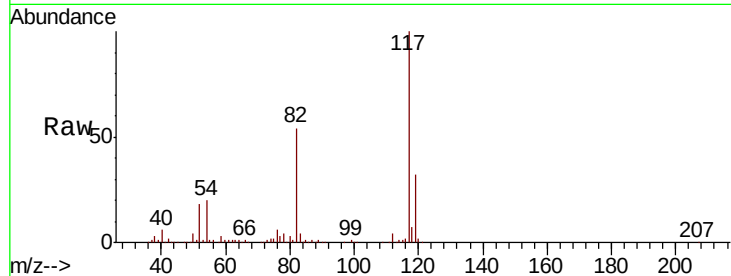




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

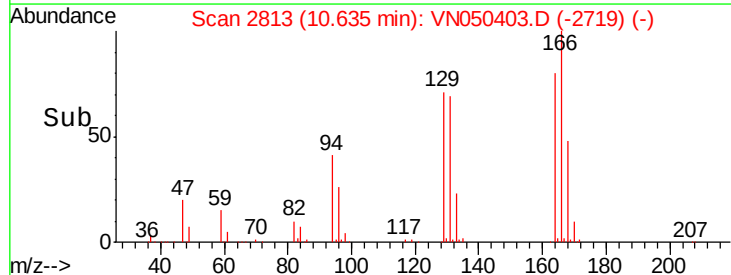
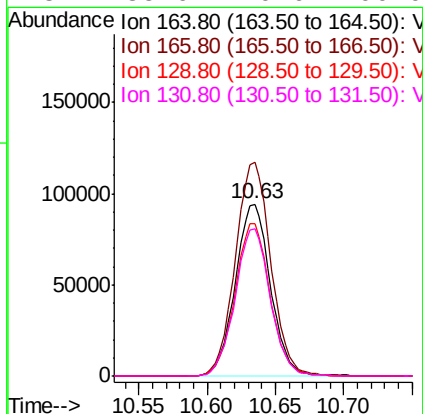
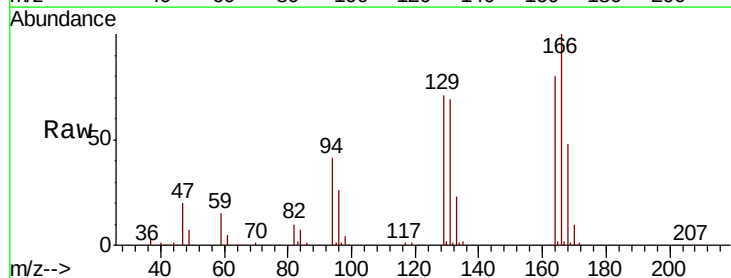
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

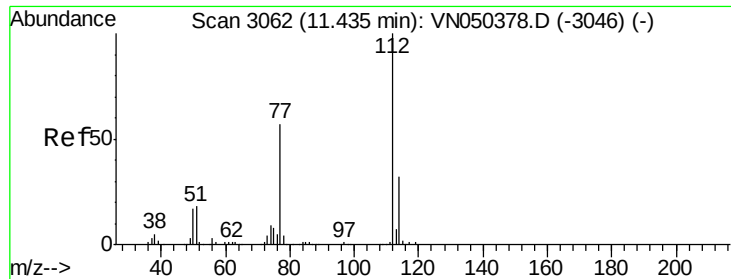
Tot Ion:117 Resp: 846947
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.4 26.1 39.1



#64
Tetrachloroethene
Concen: 21.24 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion:164 Resp: 168068
Ion Ratio Lower Upper
164 100
166 124.3 102.1 153.1
129 88.7 73.2 109.8
131 85.6 70.6 106.0





#65

Chlorobenzene

Concen: 19.77 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

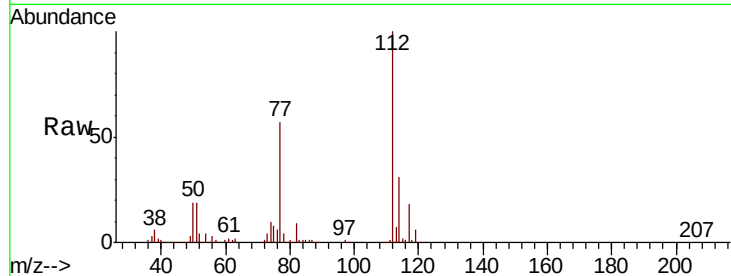
VN0806WBSD02

Tot Ion:112 Resp: 419691

Ion Ratio Lower Upper

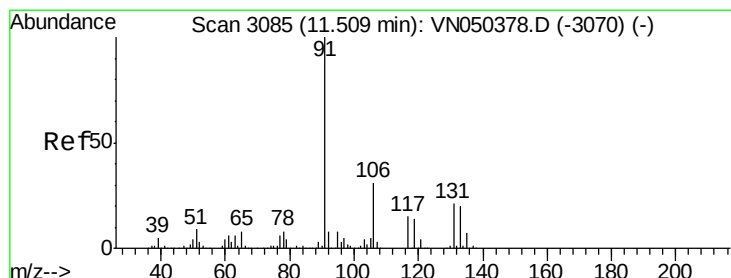
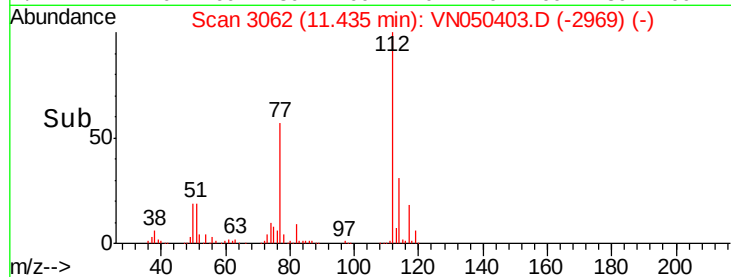
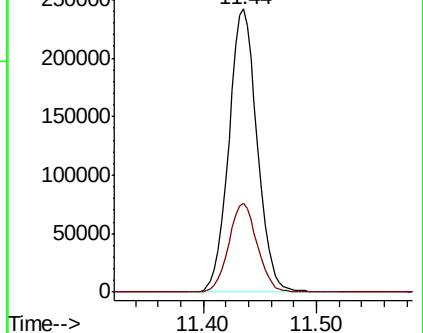
112 100

114 31.3 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.35 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

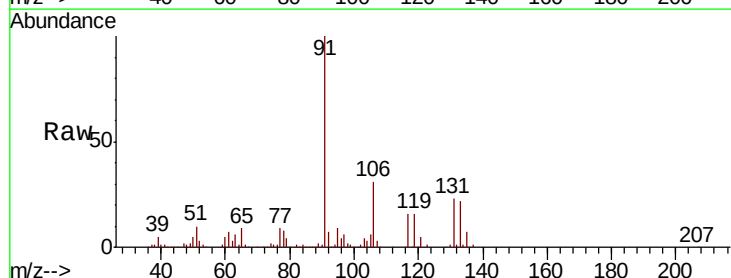
Tgt Ion:131 Resp: 157256

Ion Ratio Lower Upper

131 100

133 96.1 47.3 141.9

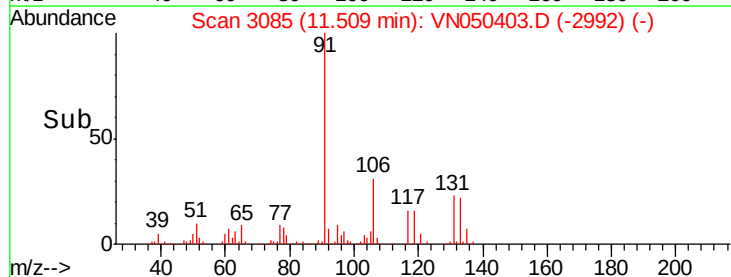
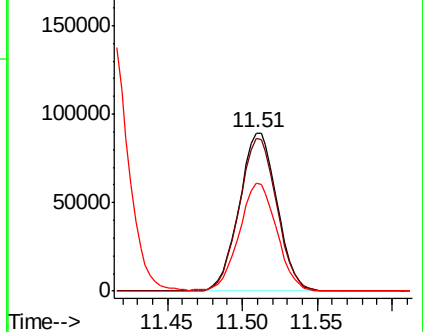
119 67.6 32.9 98.7

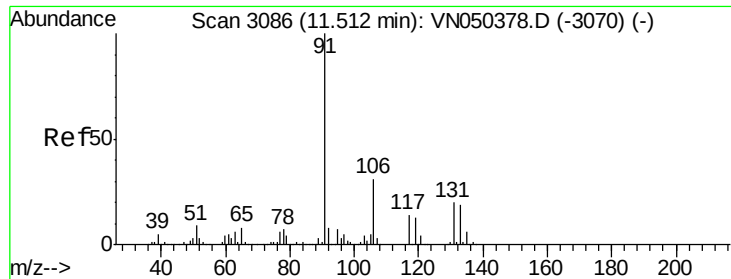


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.24 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampled :

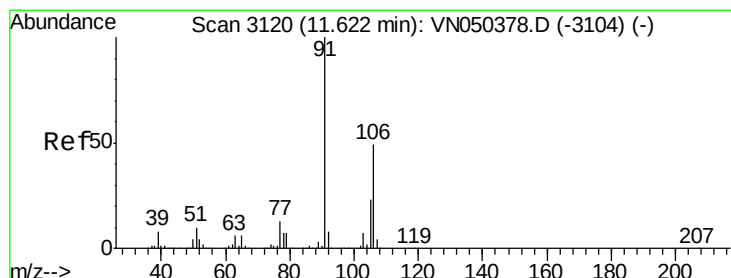
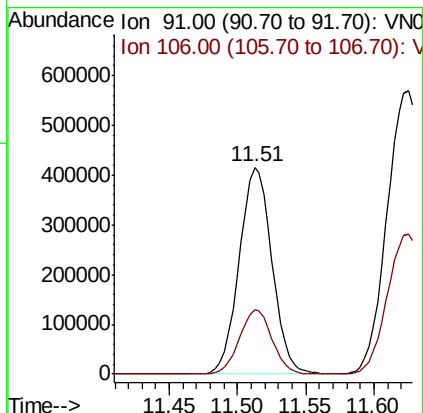
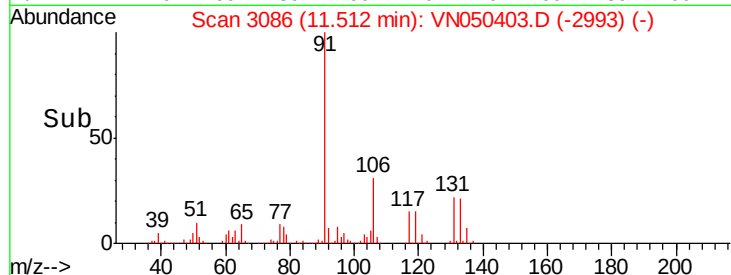
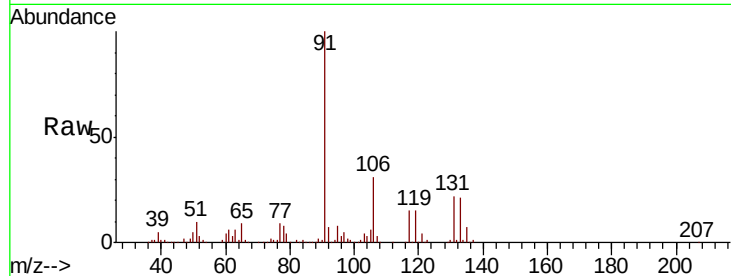
VN0806WBSD02

Tot Ion: 91 Resp: 694583

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4



#68

m/p-Xylenes

Concen: 41.16 ug/l

RT: 11.62 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN050403.D

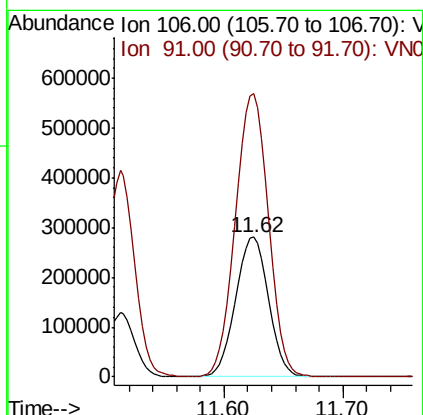
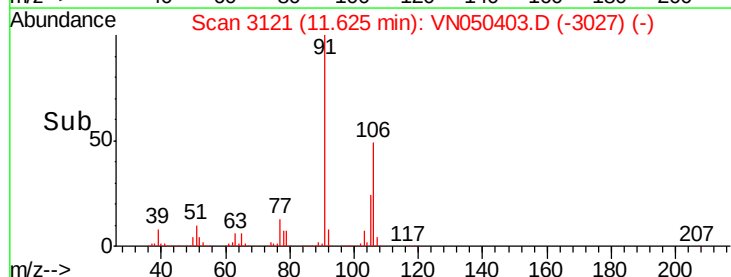
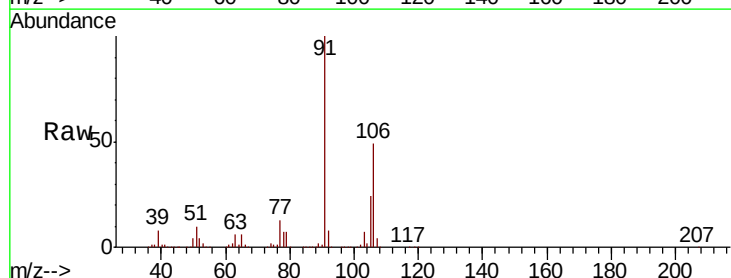
Acq: 7 Aug 2018 00:08

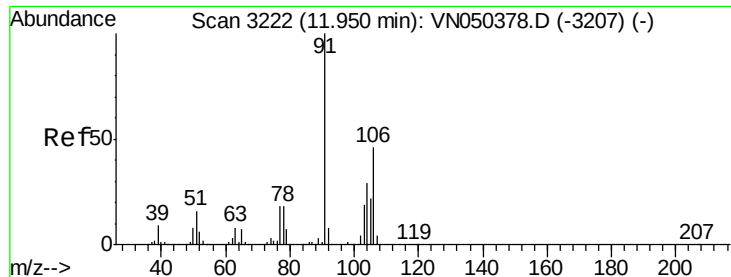
Tgt Ion: 106 Resp: 537774

Ion Ratio Lower Upper

106 100

91 204.1 162.2 243.2

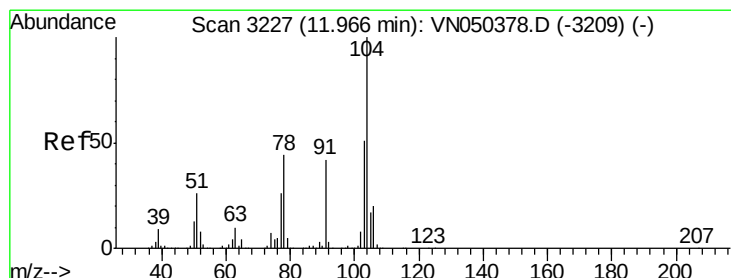
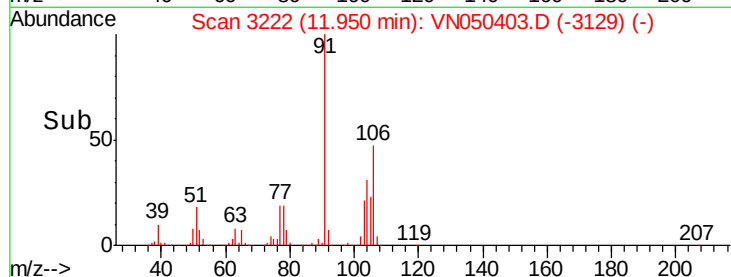
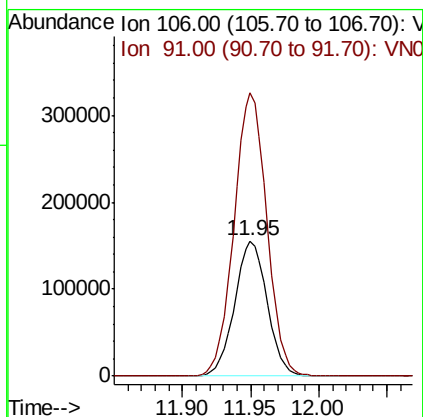
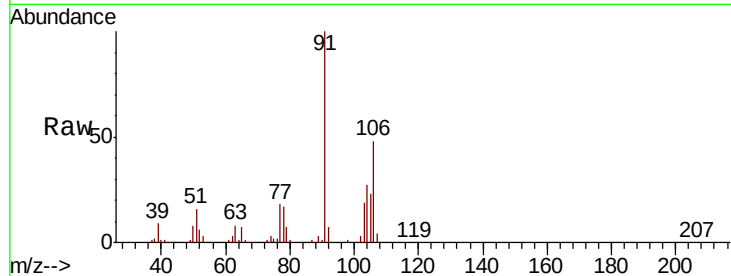




#69
o-Xylene
Concen: 20.43 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

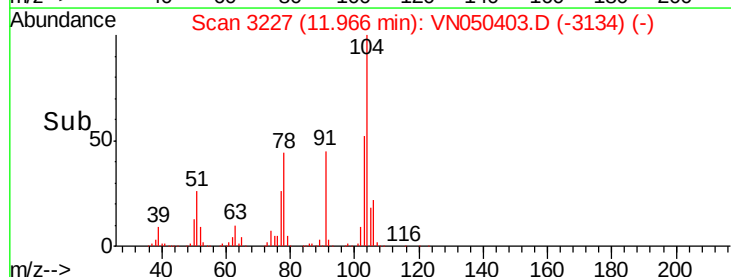
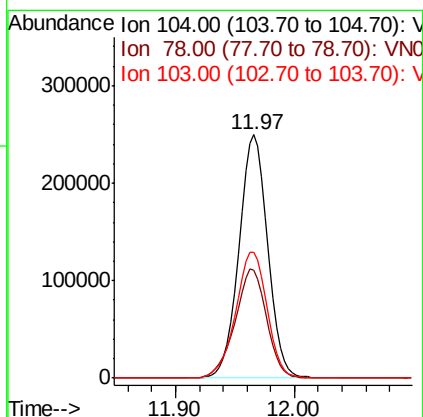
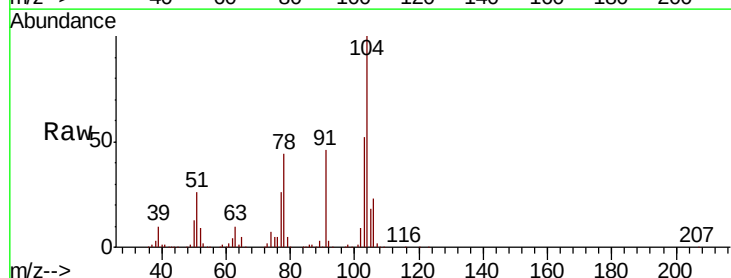
Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD02

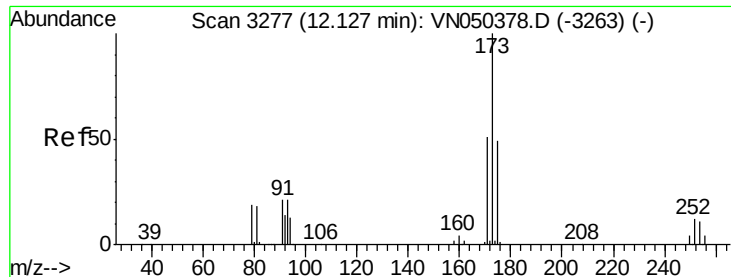
Tot Ion:106 Resp: 257159
Ion Ratio Lower Upper
106 100
91 211.0 107.7 323.1



#70
Styrene
Concen: 20.39 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion:104 Resp: 417334
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 56.8 45.0 67.6





#71

Bromoform

Concen: 20.42 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

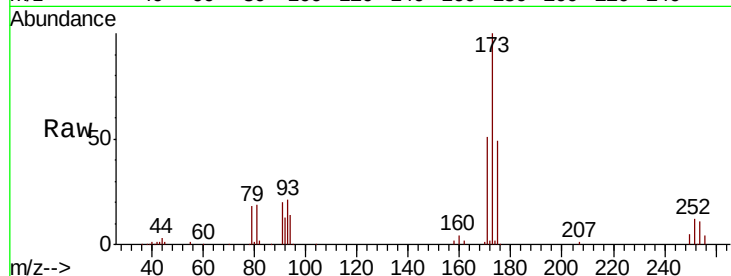
Tot Ion:173 Resp: 115345

Ion Ratio Lower Upper

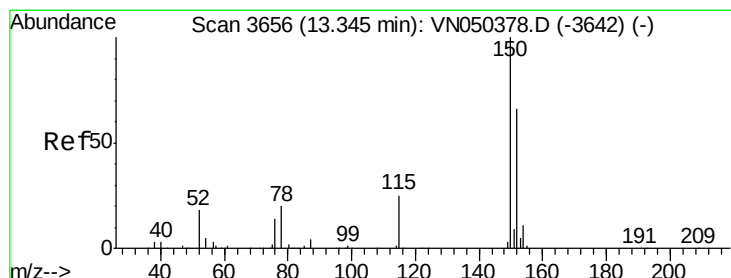
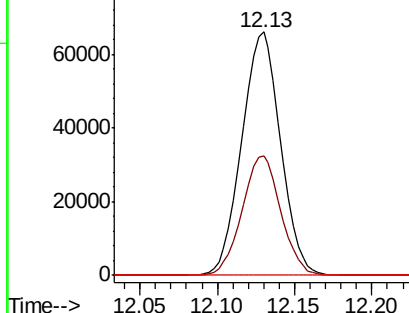
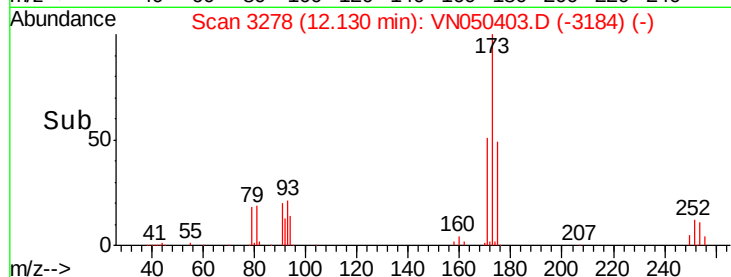
173 100

175 48.9 24.1 72.2

254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

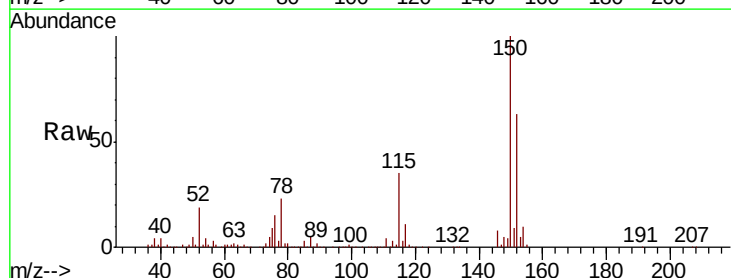
Tgt Ion:152 Resp: 434575

Ion Ratio Lower Upper

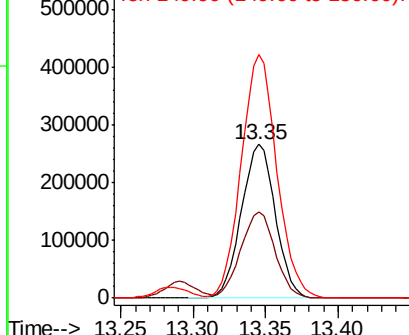
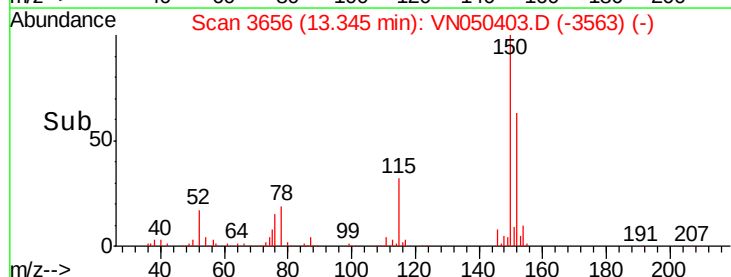
152 100

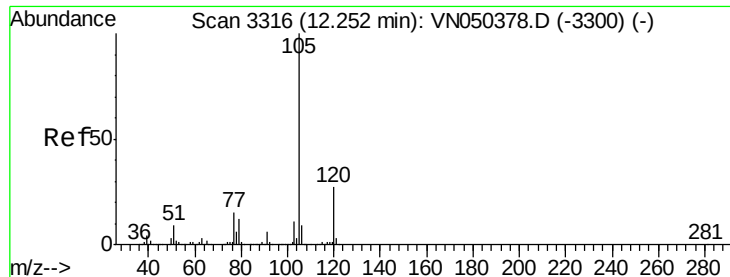
115 56.3 27.8 83.3

150 165.3 0.0 348.6



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: 20.82 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

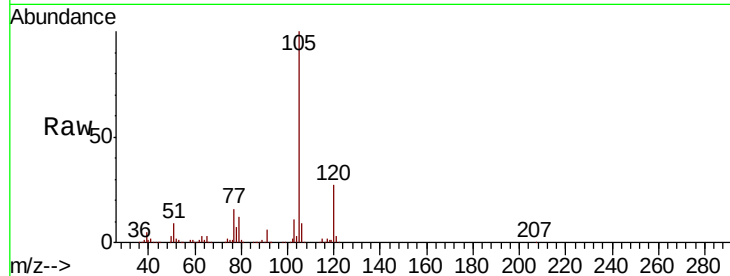
VN0806WBSD02

Tot Ion:105 Resp: 679213

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

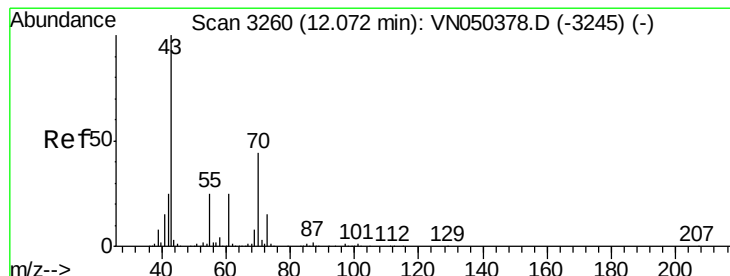
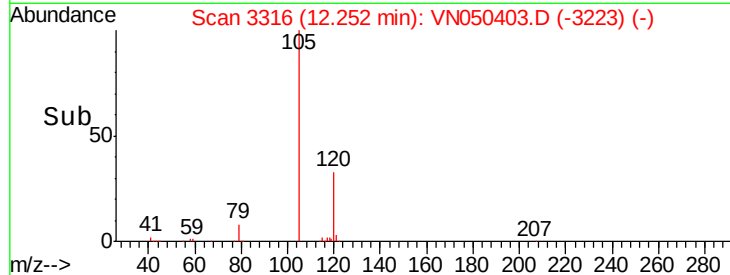
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 20.76 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Tgt Ion: 43 Resp: 219473

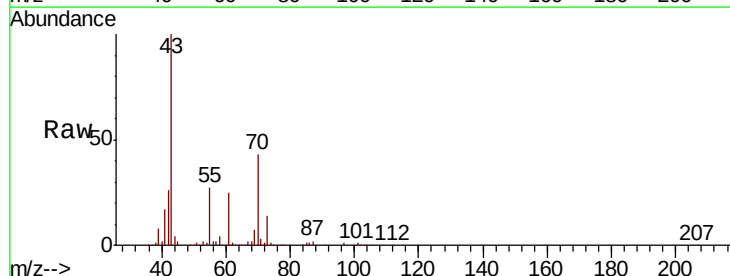
Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 26.6 20.8 31.2

61 24.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.07

200000

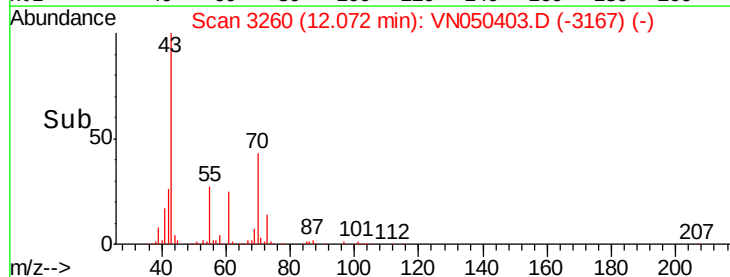
150000

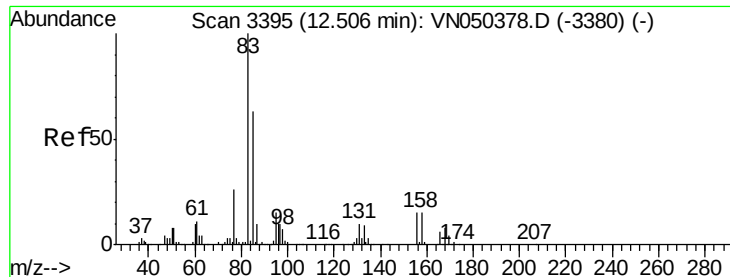
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.85 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

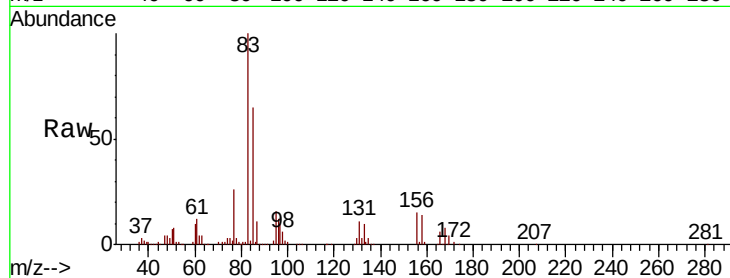
Tot Ion: 83 Resp: 196192

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

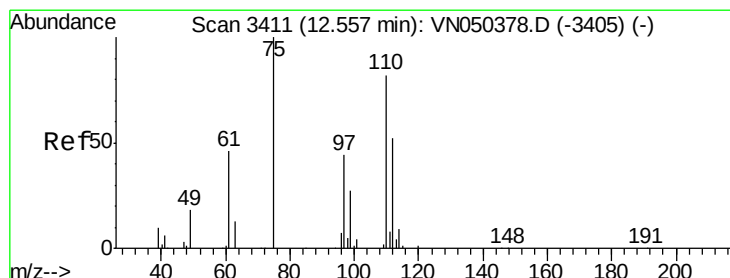
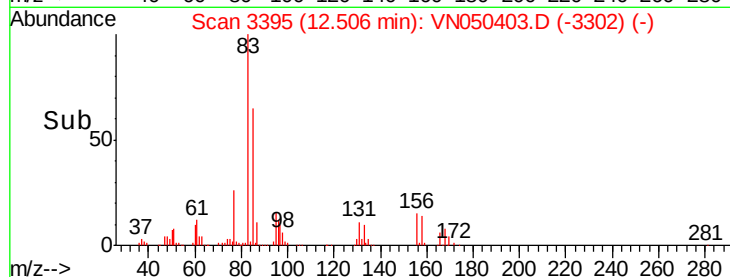
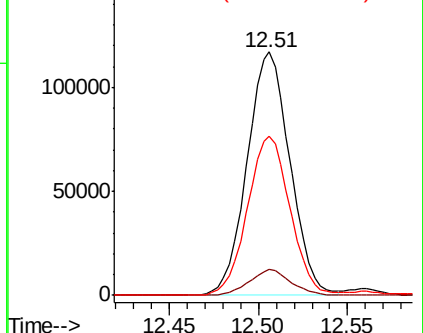
85 64.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.38 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN050403.D

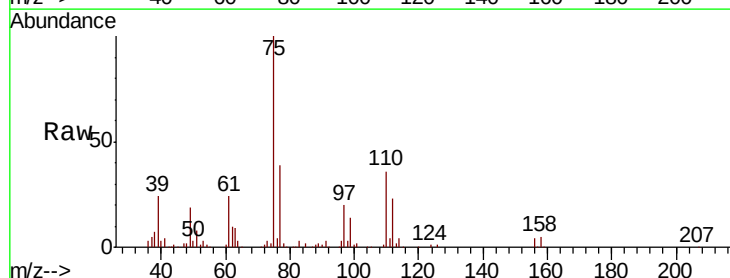
Acq: 7 Aug 2018 00:08

Tgt Ion: 75 Resp: 231082

Ion Ratio Lower Upper

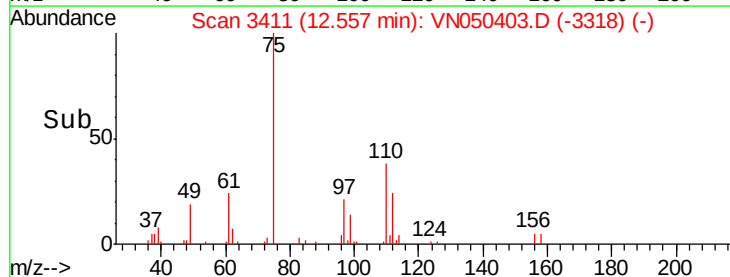
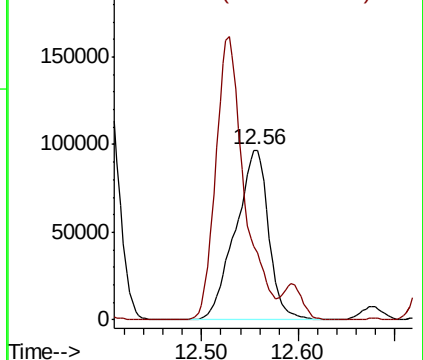
75 100

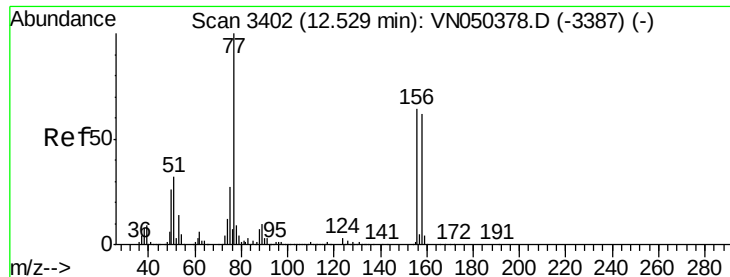
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.74 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

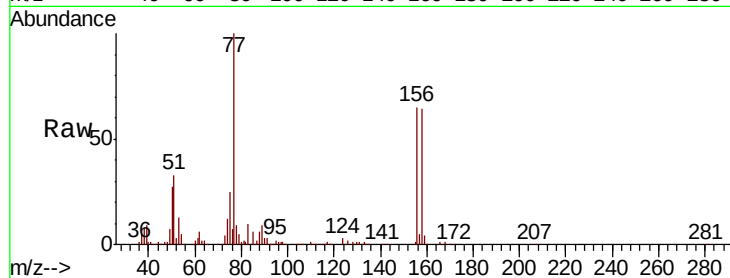
Tot Ion:156 Resp: 181248

Ion Ratio Lower Upper

156 100

77 183.4 91.7 275.1

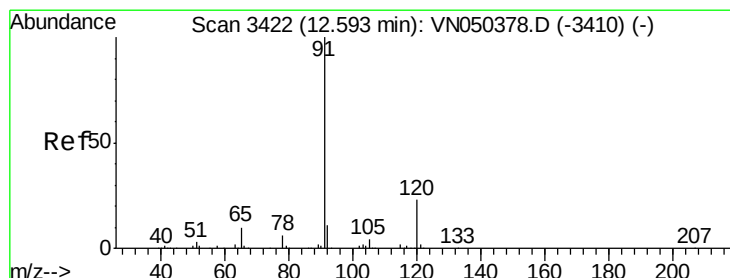
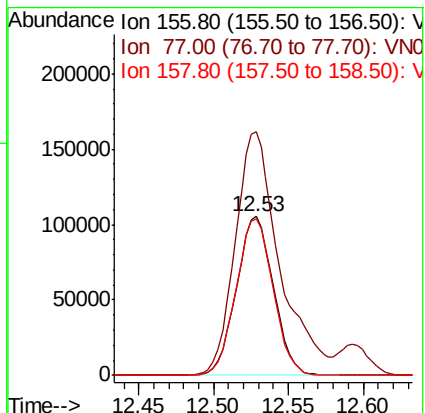
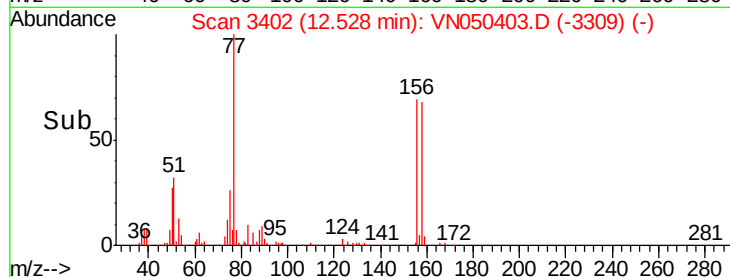
158 98.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.01 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050403.D

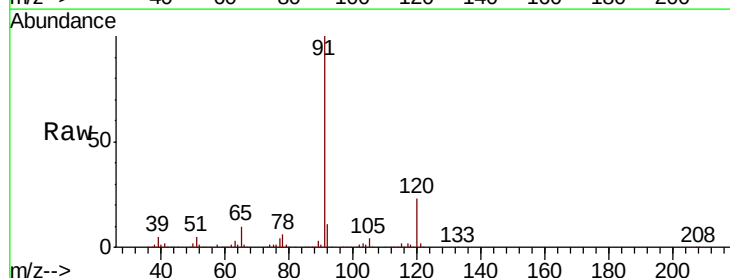
Acq: 7 Aug 2018 00:08

Tgt Ion: 91 Resp: 775736

Ion Ratio Lower Upper

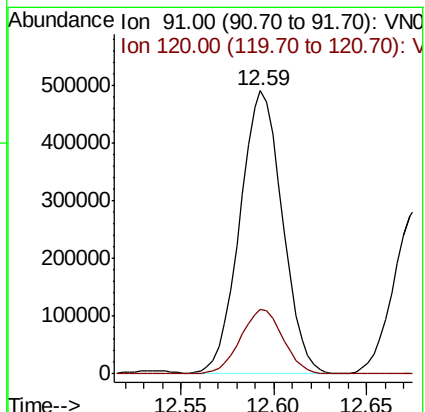
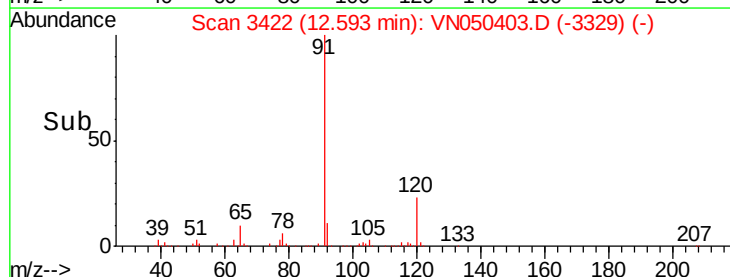
91 100

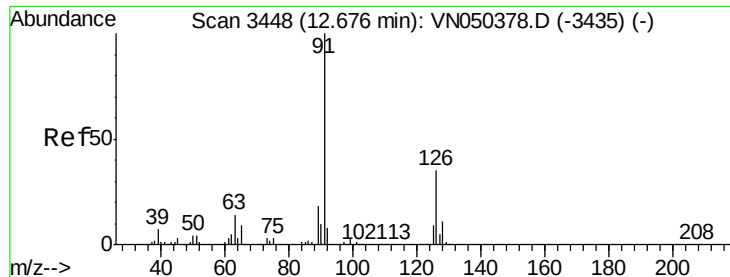
120 22.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.63 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampled :

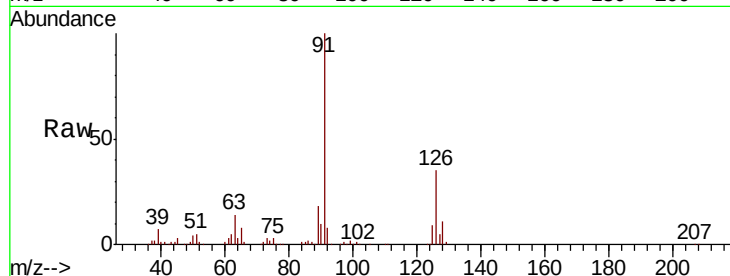
VN0806WBSD02

Tot Ion: 91 Resp: 470553

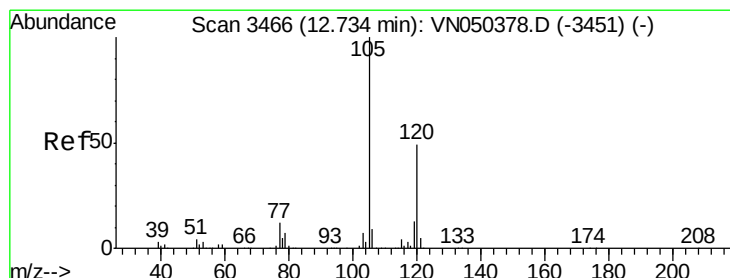
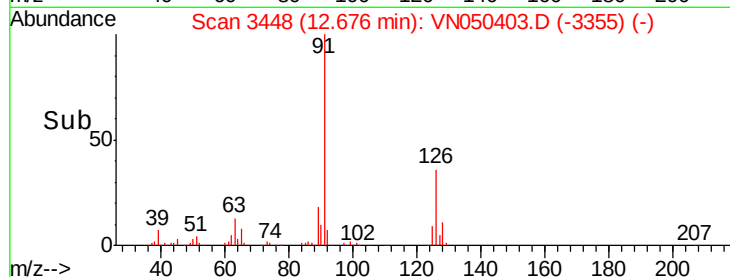
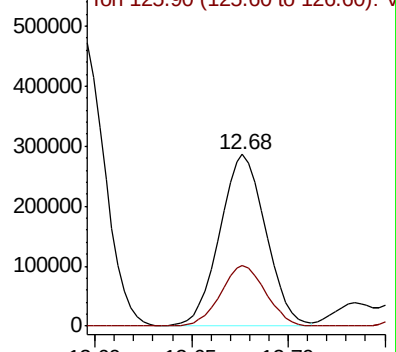
Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050378.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.19 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050403.D

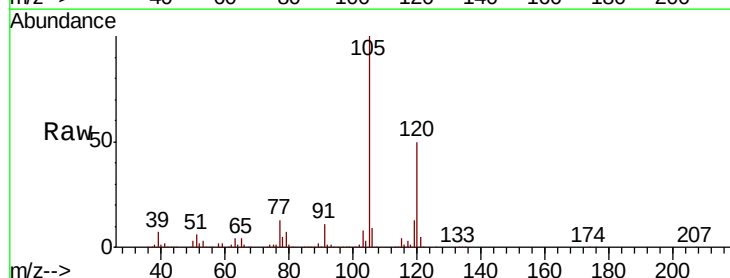
Acq: 7 Aug 2018 00:08

Tgt Ion:105 Resp: 561197

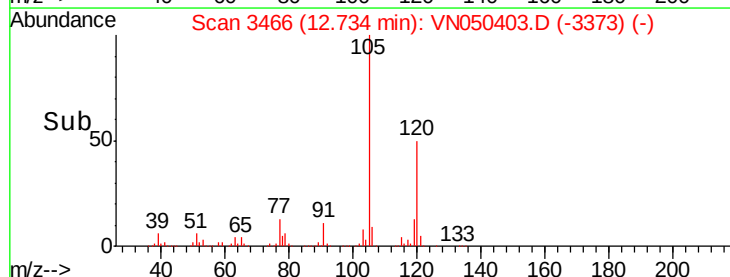
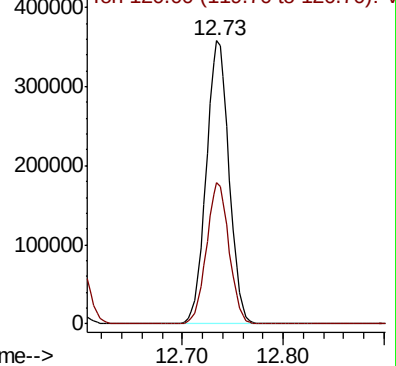
Ion Ratio Lower Upper

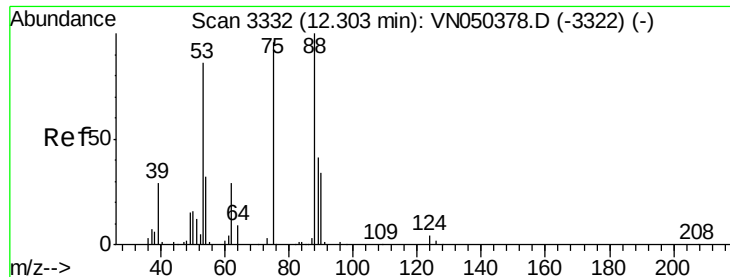
105 100

120 49.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050378.D (-3451) (-)

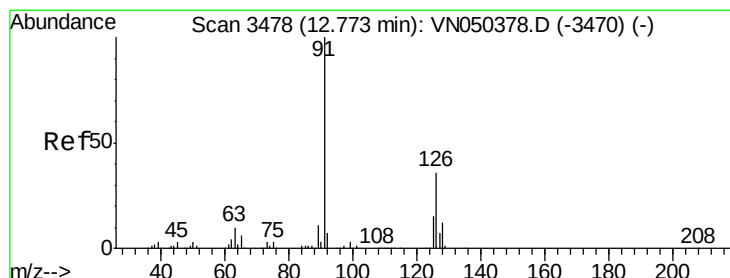
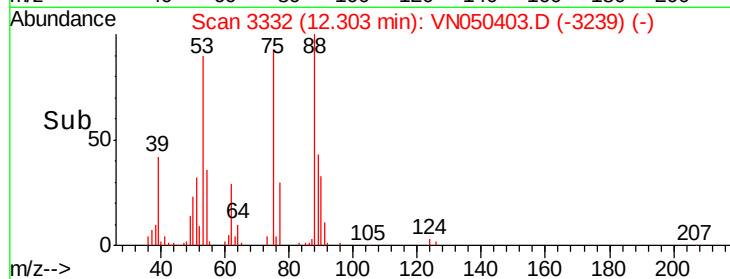
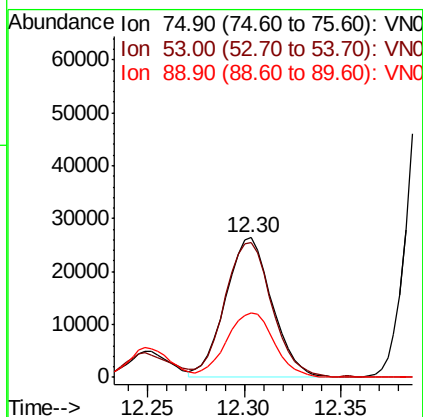
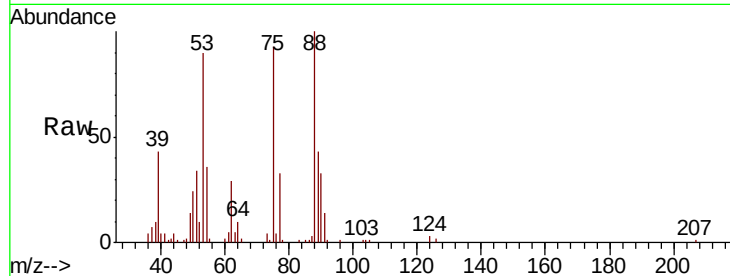




#81
trans-1,4-Dichloro-2-butene
Concen: 19.82 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

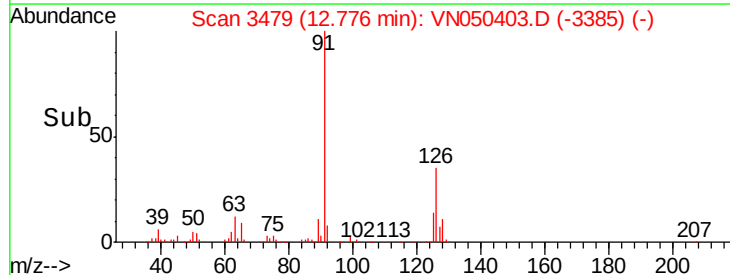
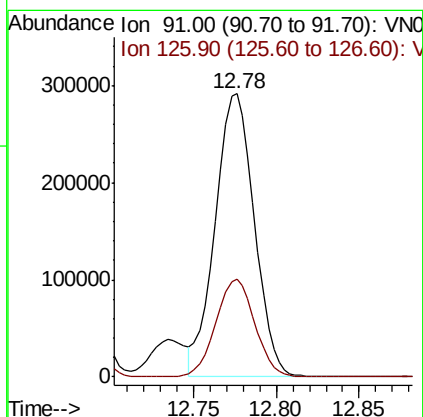
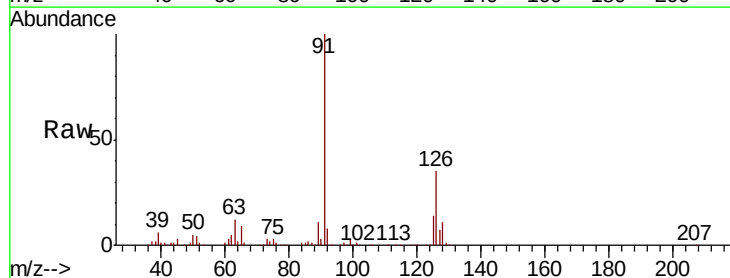
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD02

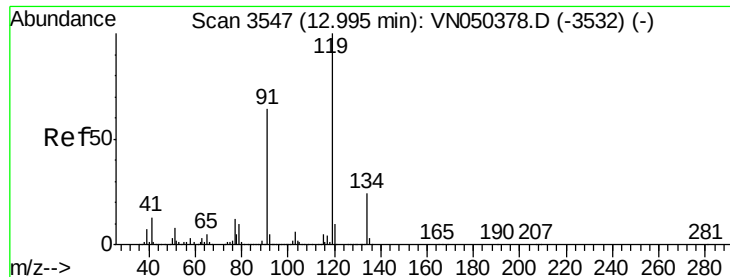
Tot Ion: 75 Resp: 44382
Ion Ratio Lower Upper
75 100
53 98.1 73.5 110.3
89 47.2 36.0 54.0



#82
4-Chlorotoluene
Concen: 21.01 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN050403.D
Acq: 7 Aug 2018 00:08

Tgt Ion: 91 Resp: 477740
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0

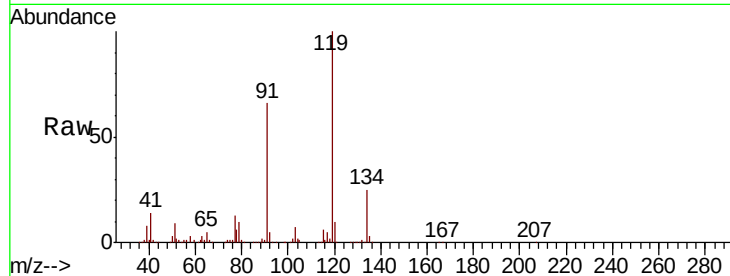




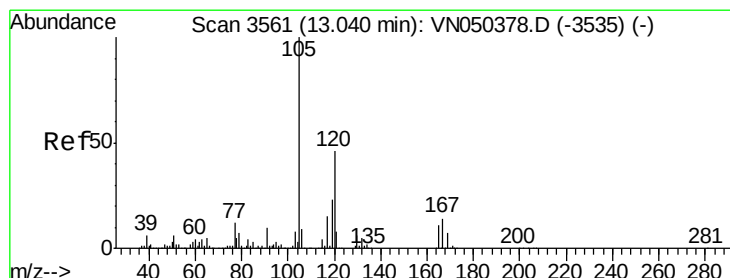
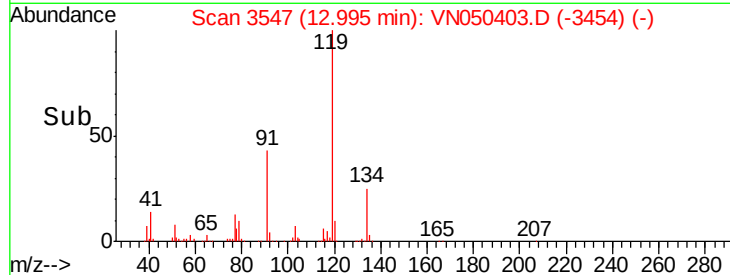
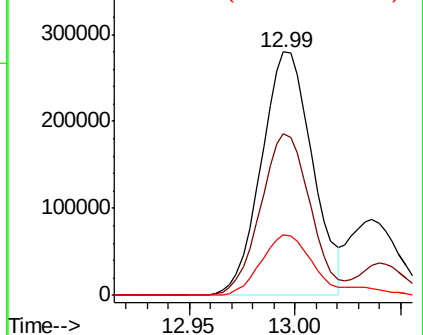
#83
 tert-Butylbenzene
 Concen: 20.43 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.1	96.3
134	25.1	13.2	39.5

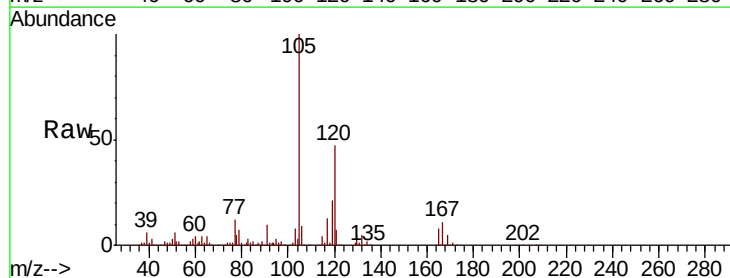


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

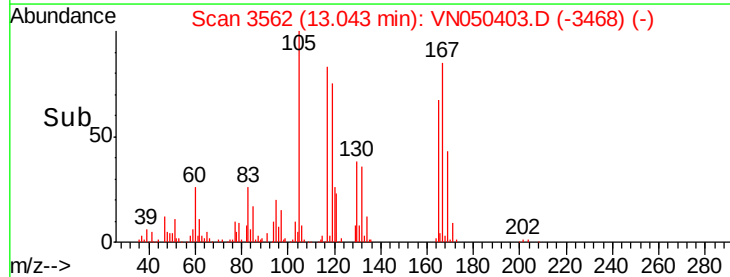
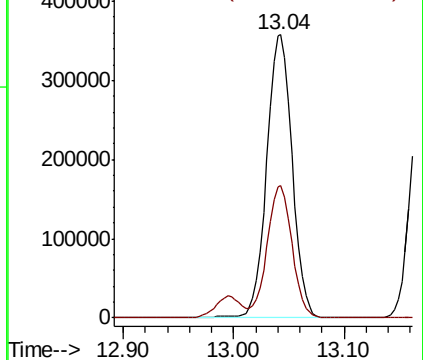


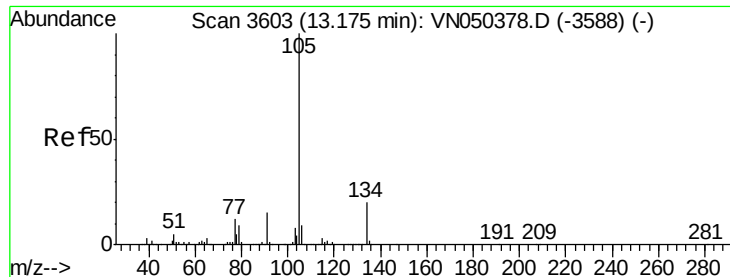
#84
 1,2,4-Trimethylbenzene
 Concen: 21.44 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.7



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





#85

sec-Butylbenzene

Concen: 20.64 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

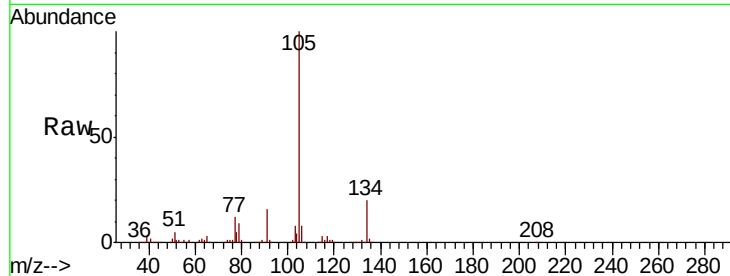
VN0806WBSD02

Tot Ion:105 Resp: 635640

Ion Ratio Lower Upper

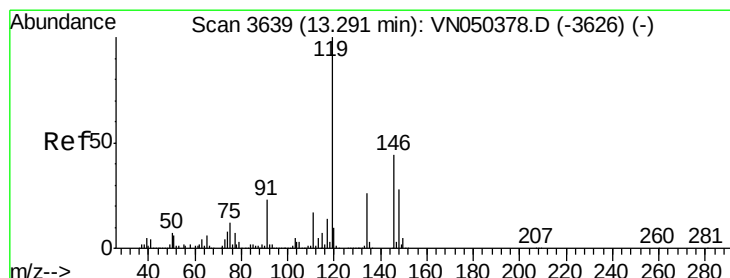
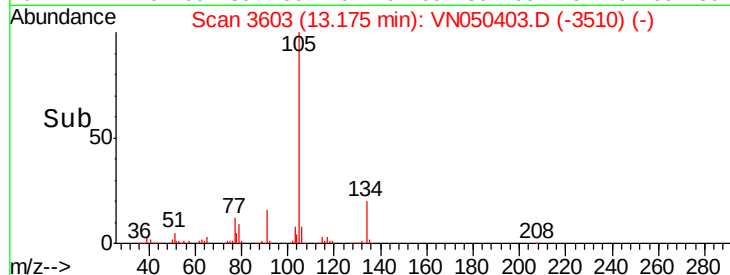
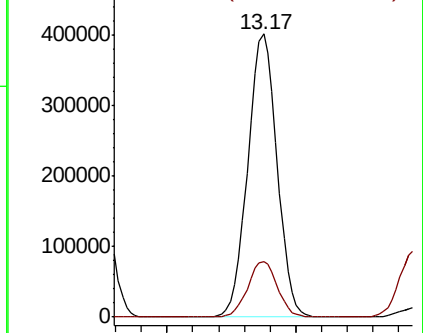
105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.74 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

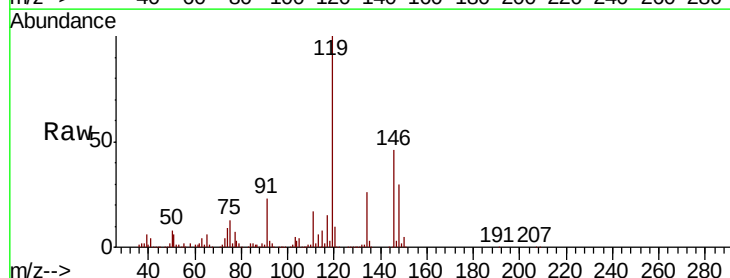
Tgt Ion:119 Resp: 547230

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

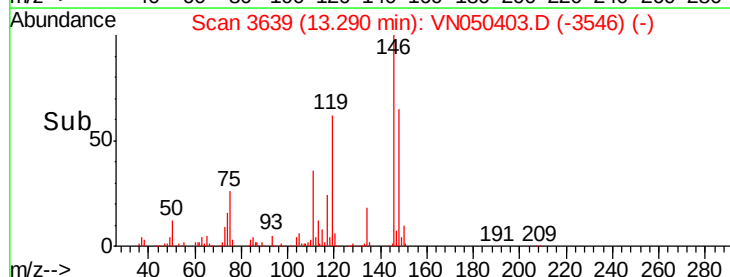
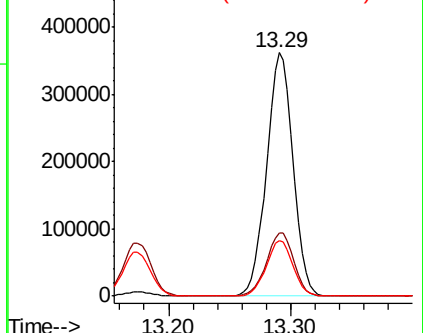
91 22.8 11.4 34.2

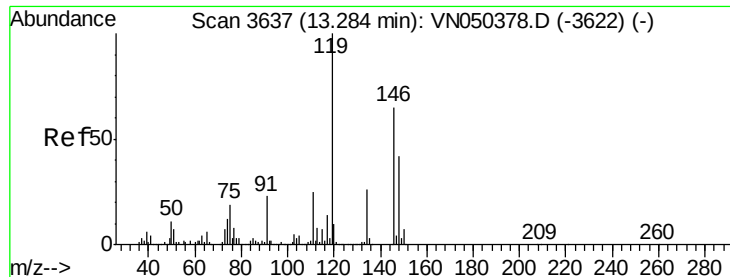


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

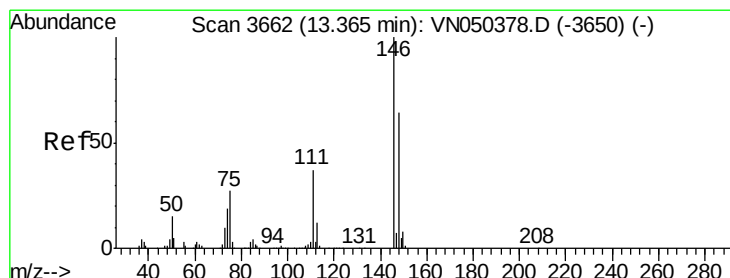
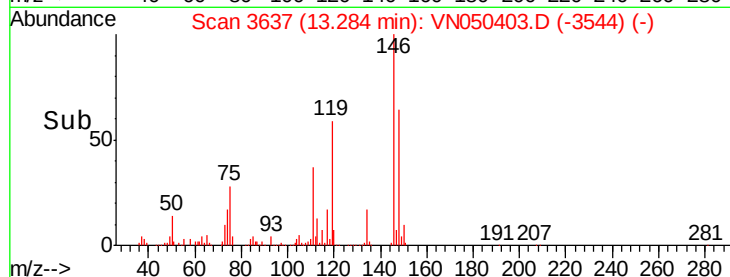
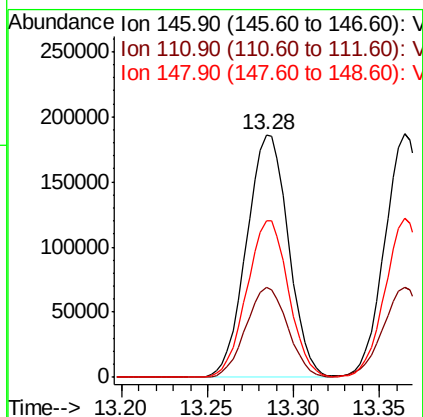
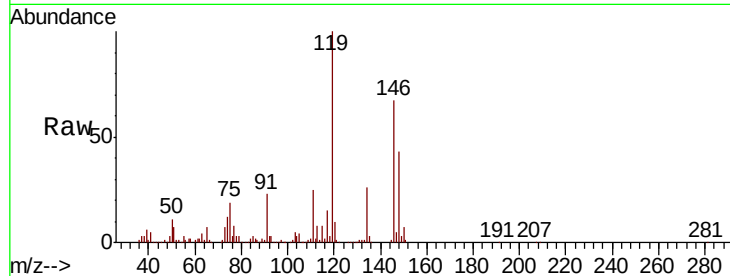




#87
 1,3-Dichlorobenzene
 Concen: 20.17 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

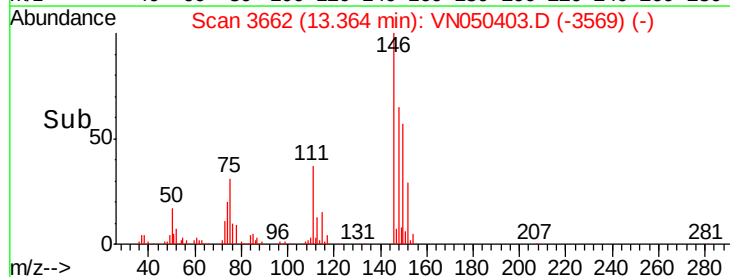
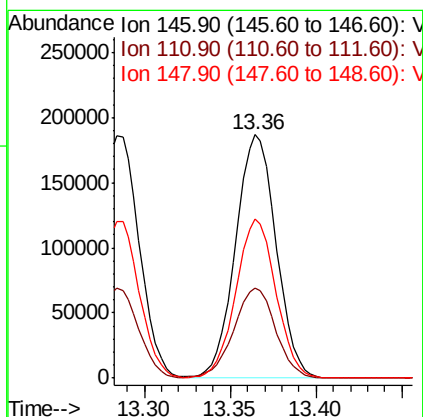
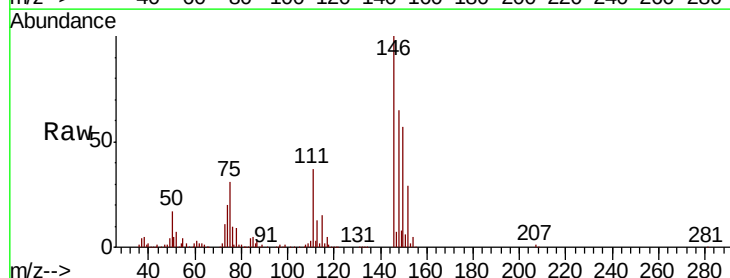
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

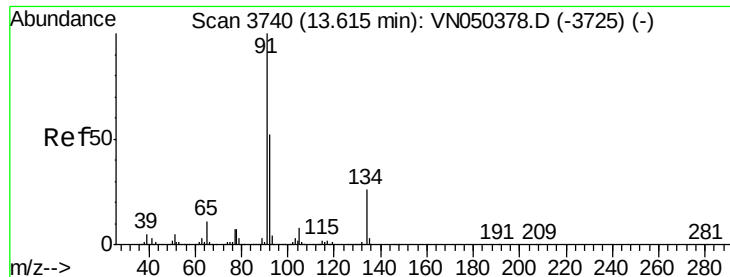
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	64.4	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.76 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.3	54.9
148	64.5	31.9	95.9





#89

n-Butylbenzene

Concen: 18.60 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampled :

VN0806WBSD02

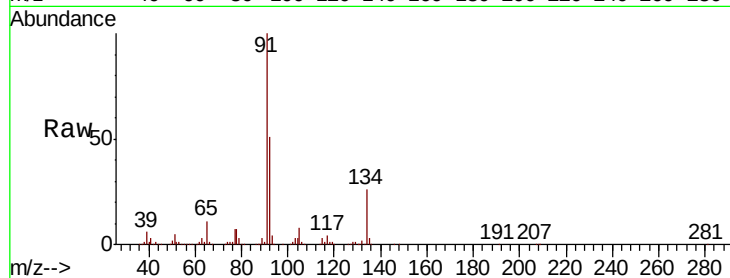
Tot Ion: 91 Resp: 417922

Ion Ratio Lower Upper

91 100

92 51.6 25.8 77.4

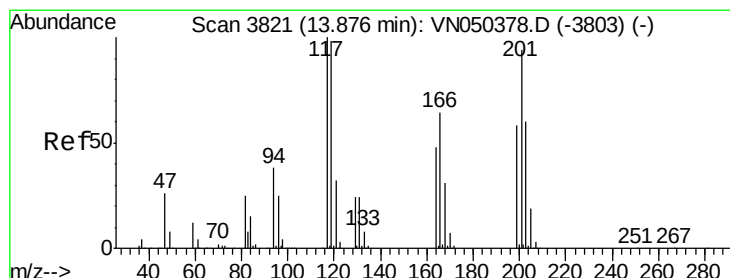
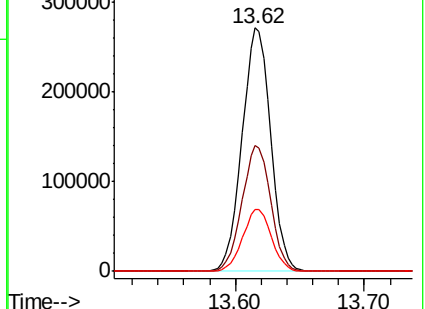
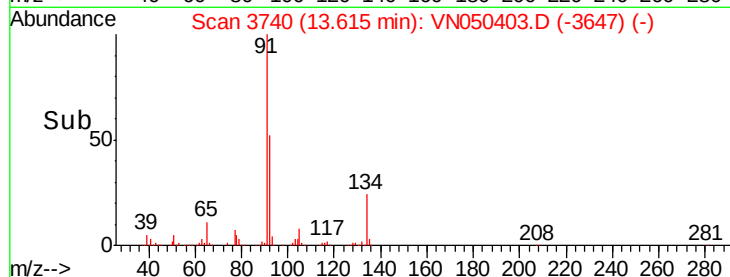
134 25.5 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN050403.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN050403.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN050403.D (-3647) (-)



#90

Hexachloroethane

Concen: 20.09 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN050403.D

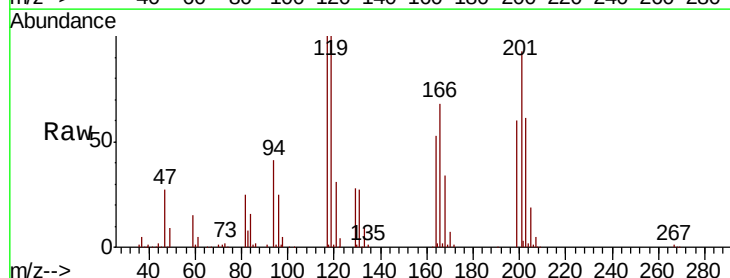
Acq: 7 Aug 2018 00:08

Tgt Ion: 117 Resp: 94246

Ion Ratio Lower Upper

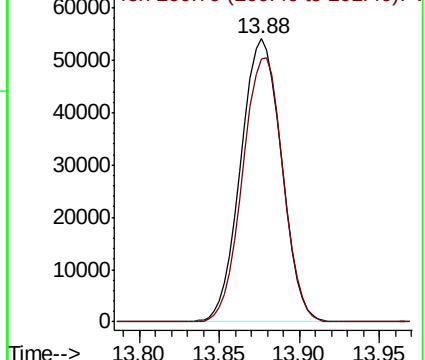
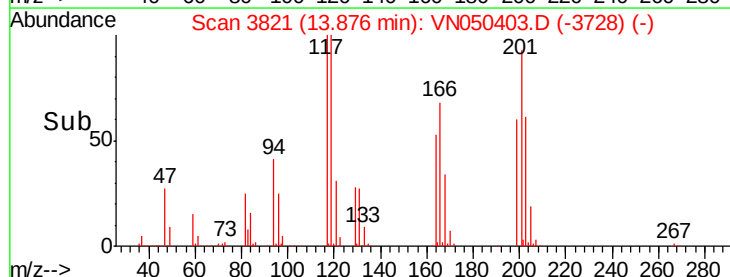
117 100

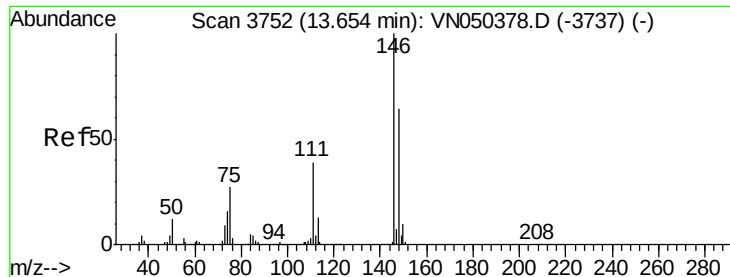
201 92.0 45.6 136.8



Abundance Ion 116.80 (116.50 to 117.50): VN050403.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN050403.D (-3728) (-)





#91

1,2-Dichlorobenzene

Concen: 19.97 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

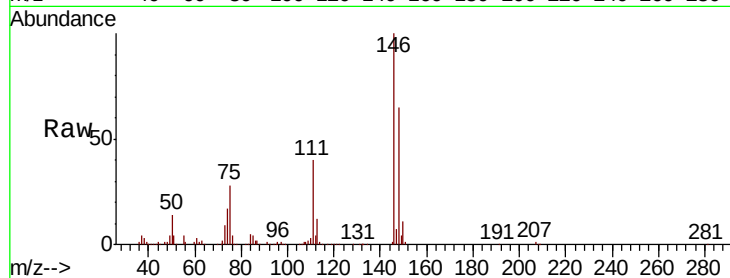
Tot Ion:146 Resp: 311664

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

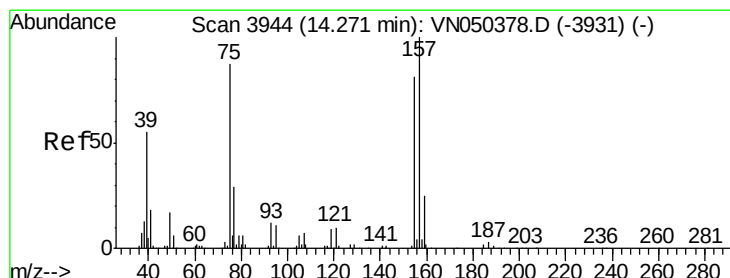
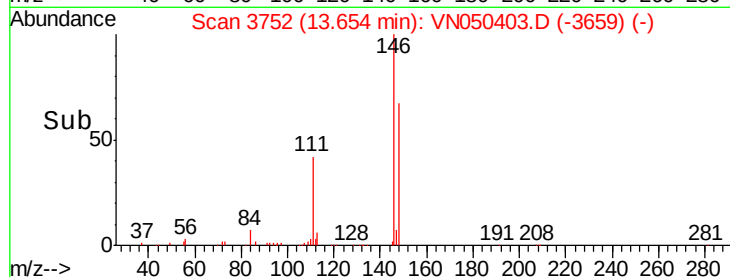
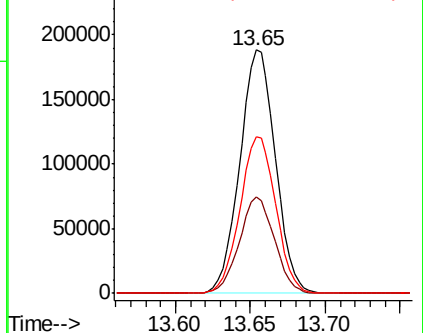
148 64.7 32.1 96.3



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: 19.45 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

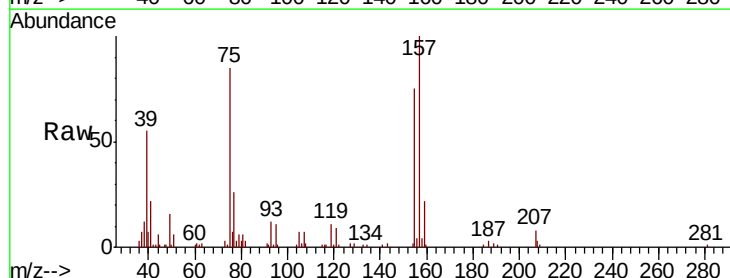
Tgt Ion: 75 Resp: 31082

Ion Ratio Lower Upper

75 100

155 90.1 44.8 134.4

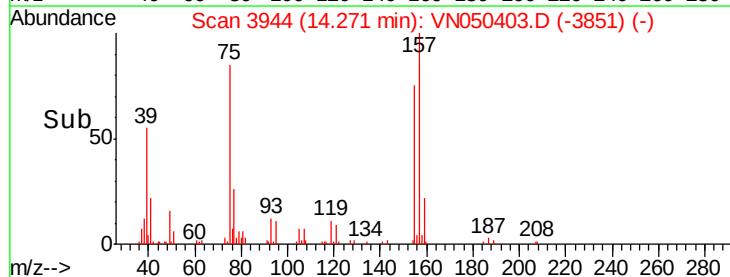
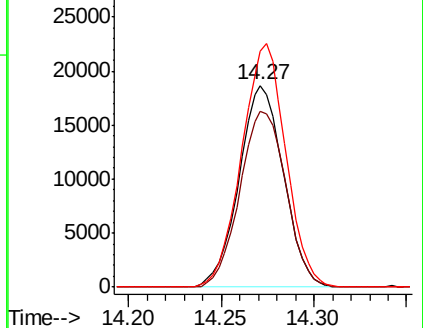
157 119.5 57.2 171.6

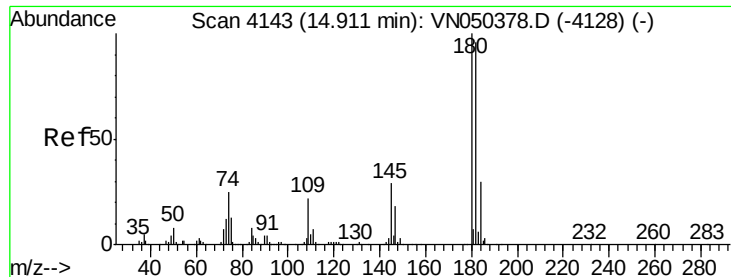


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

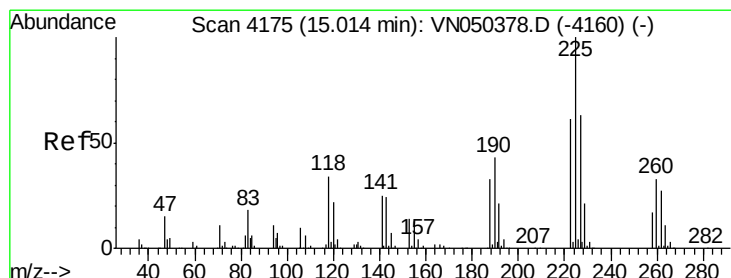
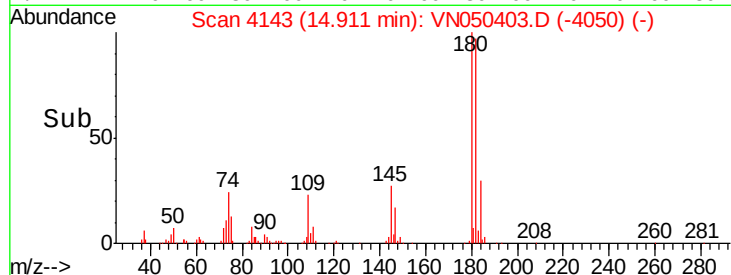
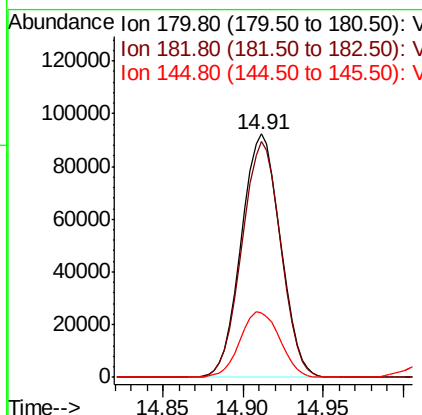
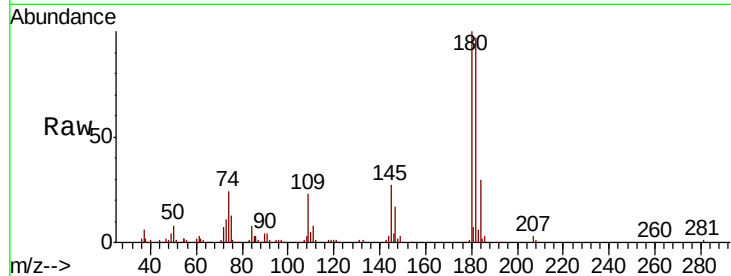




#93
 1,2,4-Trichlorobenzene
 Concen: 19.38 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

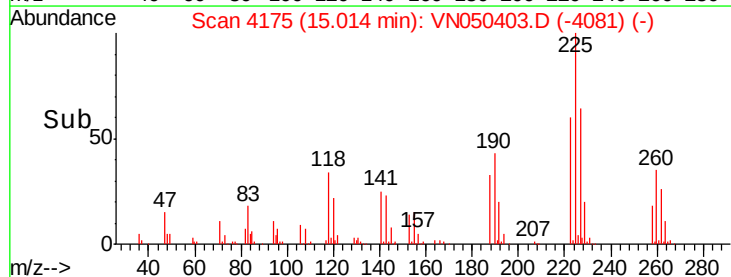
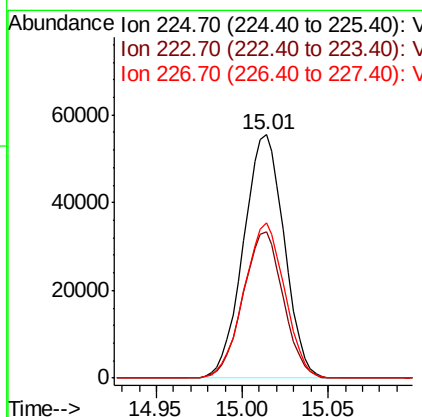
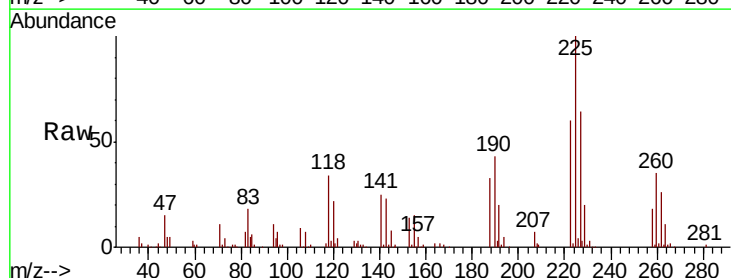
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD02

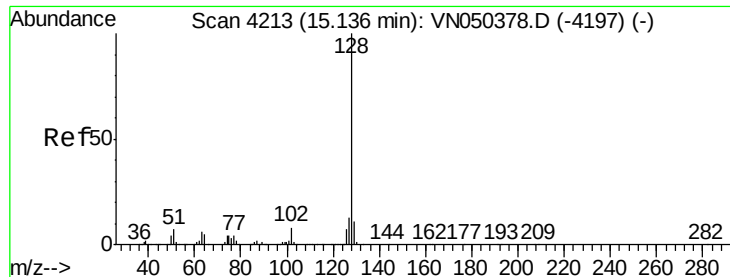
Tot Ion:180 Resp: 153985
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.7 140.1
 145 27.5 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 20.03 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050403.D
 Acq: 7 Aug 2018 00:08

Tgt Ion:225 Resp: 91235
 Ion Ratio Lower Upper
 225 100
 223 59.4 31.4 94.2
 227 63.6 32.1 96.5





#95

Naphthalene

Concen: 19.06 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD02

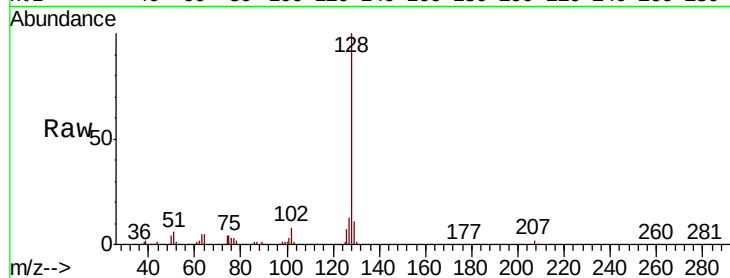
Tot Ion:128 Resp: 350244

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

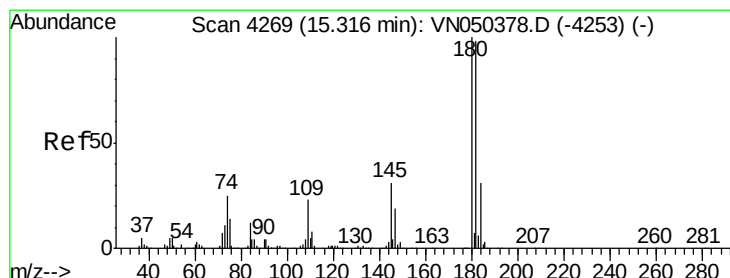
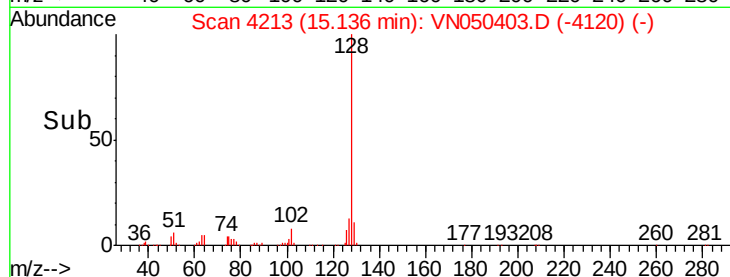
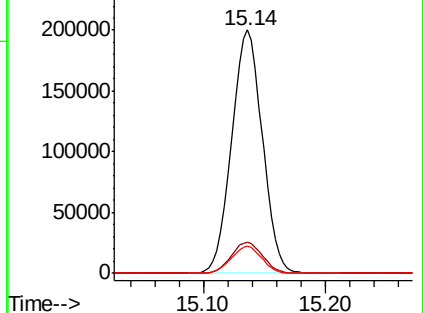
129 11.0 8.8 13.2



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: 19.31 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050403.D

Acq: 7 Aug 2018 00:08

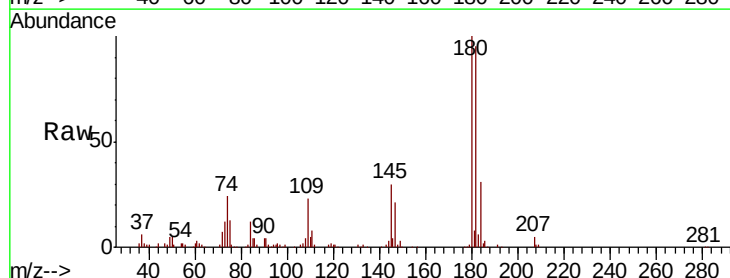
Tgt Ion:180 Resp: 155146

Ion Ratio Lower Upper

180 100

182 94.2 48.1 144.4

145 29.4 15.3 45.9



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

