

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050566.D
 Acq On : 13 Aug 2018 14:19
 Operator : MD\SY
 Sample : VN0813WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Quant Time: Aug 14 00:59:13 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	603849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	934311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	409971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	411071	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.59	113	374810	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.09	98	1309274	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
62) 4-Bromofluorobenzene	12.40	95	424770	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	105077	15.68	ug/l	99
3) Chloromethane	2.06	50	151271	18.17	ug/l	98
4) Vinyl Chloride	2.18	62	148158	17.08	ug/l	99
5) Bromomethane	2.56	94	94790	22.63	ug/l	98
6) Chloroethane	2.70	64	97400	18.22	ug/l	99
7) Trichlorofluoromethane	3.01	101	190496	17.00	ug/l	97
8) Diethyl Ether	3.41	74	82994	20.20	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	120945	17.47	ug/l	99
10) Methyl Iodide	3.95	142	72596	23.79	ug/l	99
11) Tert butyl alcohol	4.79	59	25787	39.79	ug/l #	81
12) 1,1-Dichloroethene	3.73	96	112400	17.22	ug/l	98
13) Acrolein	3.61	56	33979	52.90	ug/l	99
14) Allyl chloride	4.32	41	196359	18.73	ug/l	97
15) Acrylonitrile	4.99	53	243722	89.77	ug/l	98
16) Acetone	3.82	43	213870	88.66	ug/l	97
17) Carbon Disulfide	4.05	76	326330	15.37	ug/l	99
18) Methyl Acetate	4.33	43	131169	20.87	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	361698	19.52	ug/l	100
20) Methylene Chloride	4.55	84	154317	20.04	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	132741	18.79	ug/l	99
22) Diisopropyl ether	5.96	45	459854	21.47	ug/l	99
23) Vinyl Acetate	5.90	43	1482880	97.04	ug/l	99
24) 1,1-Dichloroethane	5.85	63	262866	20.00	ug/l	99
25) 2-Butanone	6.84	43	340921	85.27	ug/l	97
26) 2,2-Dichloropropane	6.83	77	187354	17.29	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	156840	20.03	ug/l	100
28) Bromochloromethane	7.20	49	122966	20.33	ug/l	97
29) Tetrahydrofuran	7.22	42	180826	84.50	ug/l	98
30) Chloroform	7.37	83	270344	20.58	ug/l	99
31) Cyclohexane	7.66	56	189673	15.97	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	210172	18.63	ug/l	99
36) 1,1-Dichloropropene	7.79	75	175836	17.13	ug/l	100
37) Ethyl Acetate	6.93	43	126738	17.14	ug/l	98
38) Carbon Tetrachloride	7.78	117	178845	16.70	ug/l	98

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 Data File : VN050566.D
 Acq On : 13 Aug 2018 14:19
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 Sample : VN0813WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Quant Time: Aug 14 00:59:13 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	167883	14.98	ug/l	97
40) Benzene	8.04	78	599613	19.00	ug/l	99
41) Methacrylonitrile	7.18	41	65925	16.77	ug/l	84
42) 1,2-Dichloroethane	8.13	62	194686	19.43	ug/l	99
43) Isopropyl Acetate	8.17	43	220572	17.28	ug/l #	85
44) Trichloroethene	8.84	130	150473	17.74	ug/l	100
45) 1,2-Dichloropropane	9.12	63	165058	19.89	ug/l	98
46) Dibromomethane	9.21	93	97996	19.13	ug/l	99
47) Bromodichloromethane	9.40	83	204940	19.31	ug/l	100
48) Methyl methacrylate	9.20	41	107018	16.73	ug/l	99
49) 1,4-Dioxane	9.20	88	28675	290.84	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	776245	84.46	ug/l	100
52) Toluene	10.16	92	356656	18.81	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	195969	18.39	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	233931	19.67	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	140924	19.04	ug/l	99
56) Ethyl methacrylate	10.43	69	162596	16.70	ug/l	98
57) 1,3-Dichloropropane	10.71	76	233613	19.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	386509	84.22	ug/l	99
59) 2-Hexanone	10.75	43	491685	76.65	ug/l	99
60) Dibromochloromethane	10.90	129	152319	18.68	ug/l	97
61) 1,2-Dibromoethane	11.01	107	133714	18.33	ug/l	99
64) Tetrachloroethene	10.63	164	138437	17.32	ug/l	99
65) Chlorobenzene	11.44	112	390451	18.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153414	19.66	ug/l	99
67) Ethyl Benzene	11.51	91	616352	17.78	ug/l	100
68) m/p-Xylenes	11.62	106	480507	36.42	ug/l	99
69) o-Xylene	11.95	106	236045	18.57	ug/l	100
70) Styrene	11.96	104	382475	18.51	ug/l	100
71) Bromoform	12.13	173	100104	17.55	ug/l #	98
73) Isopropylbenzene	12.25	105	591906	19.23	ug/l	100
74) N-amyl acetate	12.07	43	170274	17.07	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	167254	18.84	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	193095	26.02	ug/l #	100
77) Bromobenzene	12.53	156	165989	20.13	ug/l	98
78) n-propylbenzene	12.59	91	656824	18.86	ug/l	100
79) 2-Chlorotoluene	12.68	91	424185	19.72	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	489714	19.60	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	35572	16.84	ug/l	96
82) 4-Chlorotoluene	12.77	91	427346	19.92	ug/l	99
83) tert-Butylbenzene	12.99	119	399422	18.33	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	505294	19.97	ug/l	99
85) sec-Butylbenzene	13.17	105	517443	17.81	ug/l	99
86) p-Isopropyltoluene	13.29	119	453470	18.22	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	274298	18.68	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	270191	18.43	ug/l	99
89) n-Butylbenzene	13.62	91	341841	16.13	ug/l	99
90) Hexachloroethane	13.88	117	82010	18.53	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	274840	18.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22236	14.75	ug/l	95

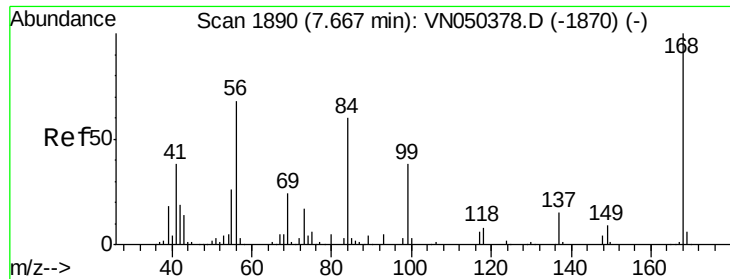
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
Data File : VN050566.D
Acq On : 13 Aug 2018 14:19
Operator : MD\SY
Sample : VN0813WBSD01
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Quant Time: Aug 14 00:59:13 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	121735	16.24	ug/l	99
94) Hexachlorobutadiene	15.01	225	74904	17.21	ug/l	98
95) Naphthalene	15.13	128	244220	15.03	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	119049	15.71	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

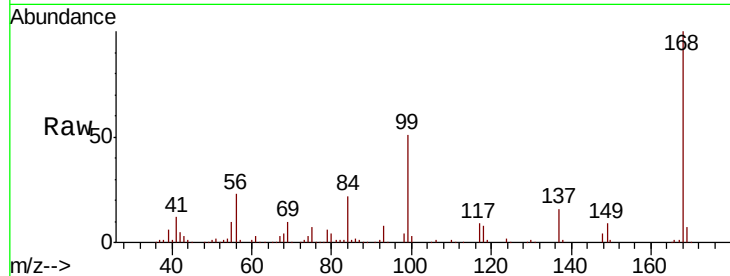
VN0813WBSD01

Tot Ion:168 Resp: 603849

Ion Ratio Lower Upper

168 100

99 50.8 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

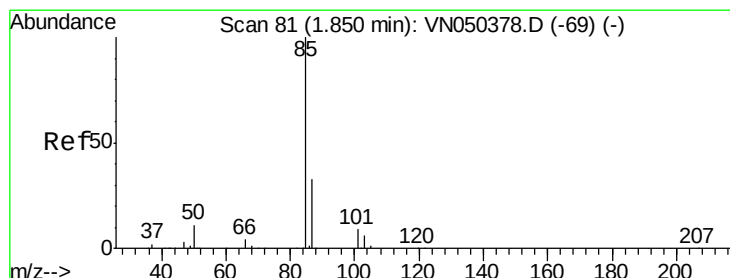
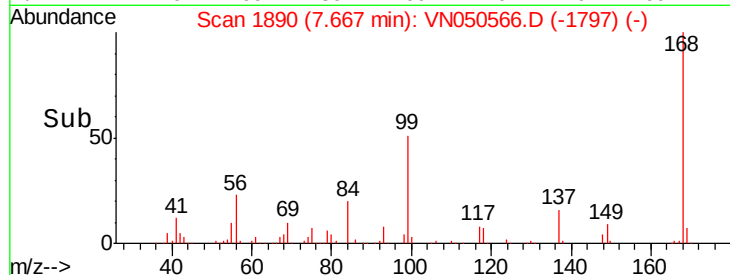
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 15.68 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050566.D

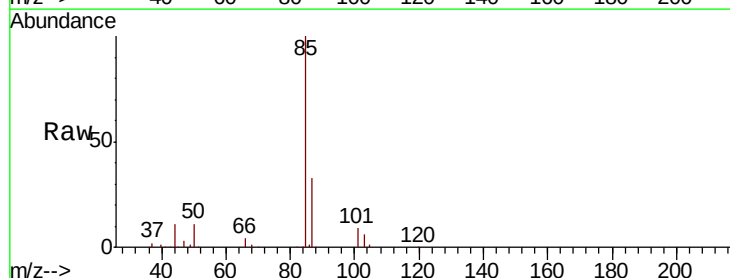
Acq: 13 Aug 2018 14:19

Tgt Ion: 85 Resp: 105077

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

80000

60000

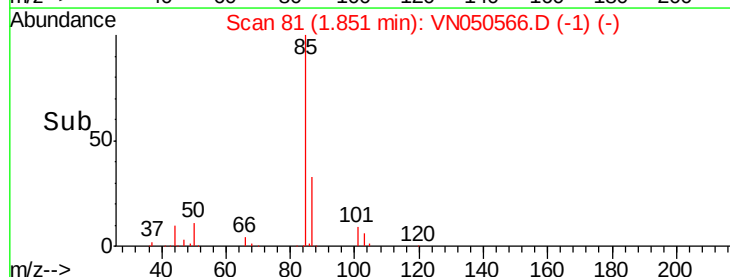
40000

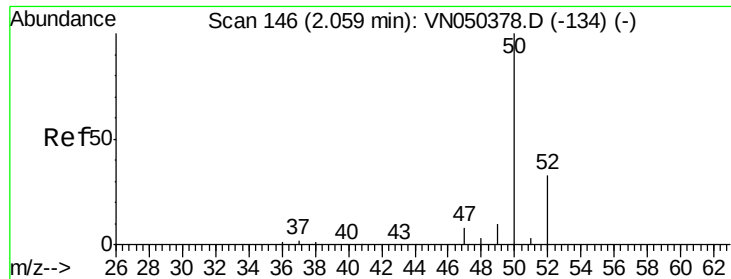
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.17 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

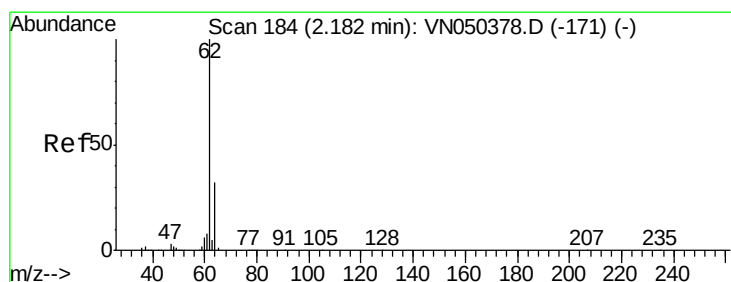
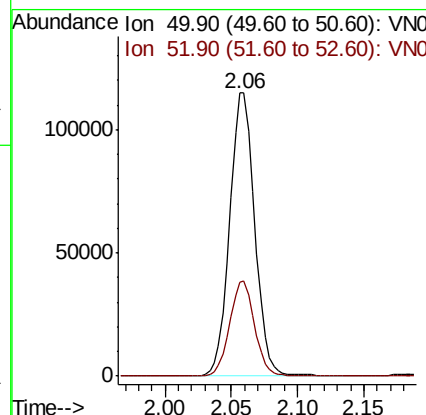
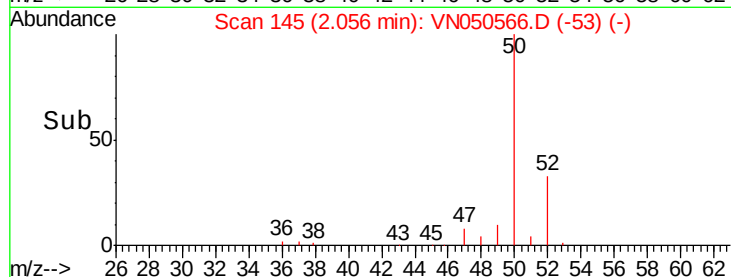
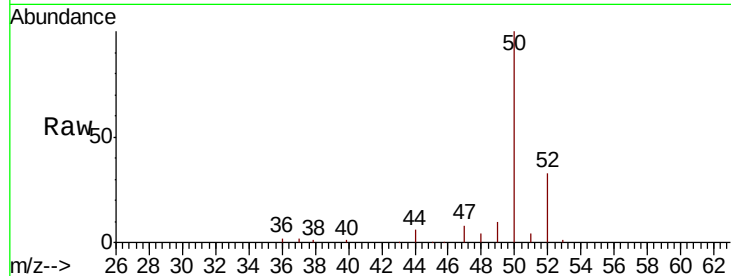
VN0813WBSD01

Tot Ion: 50 Resp: 151271

Ion Ratio Lower Upper

50 100

52 33.4 25.9 38.9



#4

Vinyl Chloride

Concen: 17.08 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN050566.D

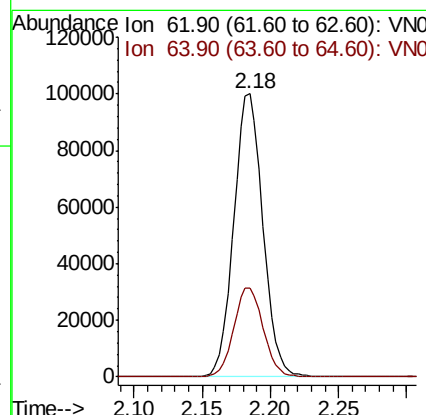
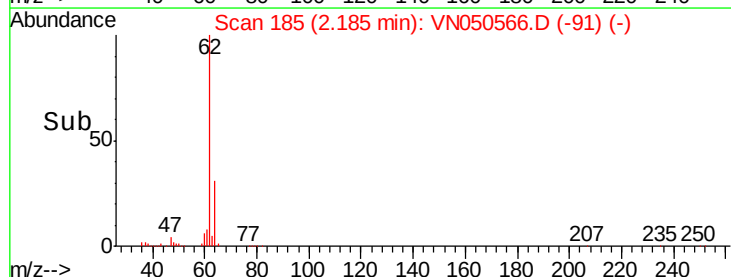
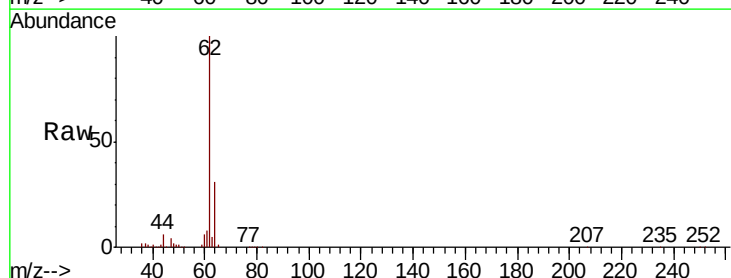
Acq: 13 Aug 2018 14:19

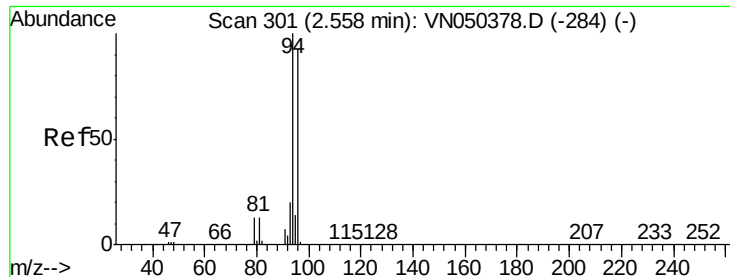
Tgt Ion: 62 Resp: 148158

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1





#5

Bromomethane

Concen: 22.63 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

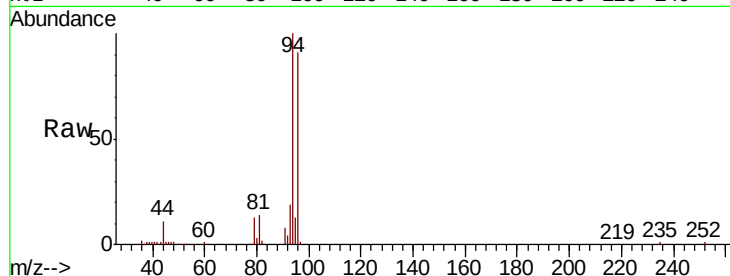
VN0813WBSD01

Tot Ion: 94 Resp: 94790

Ion Ratio Lower Upper

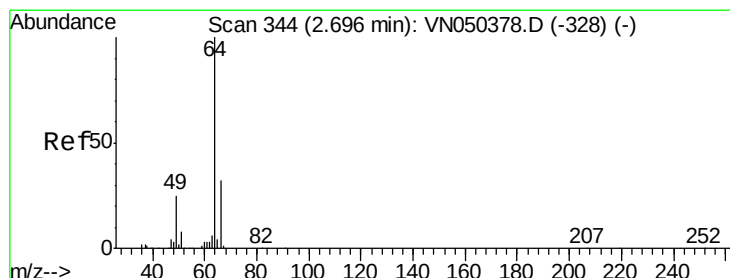
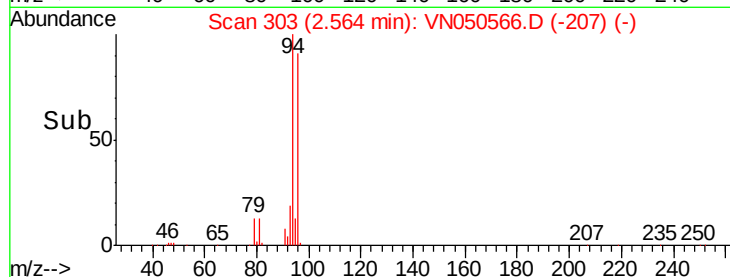
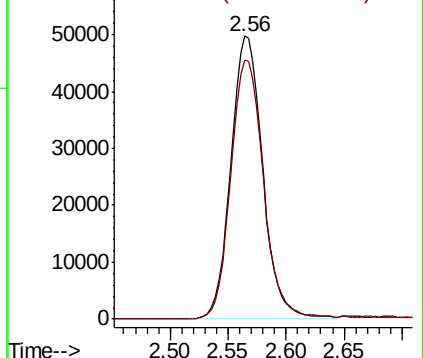
94 100

96 91.4 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: 18.22 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VN050566.D

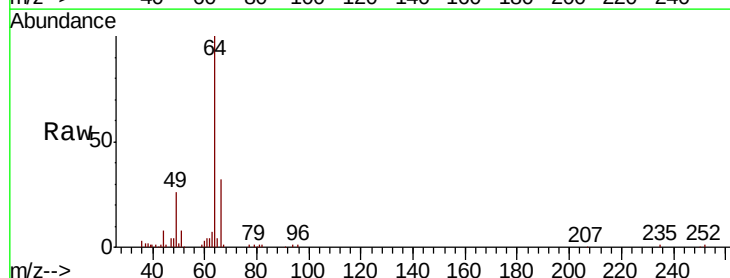
Acq: 13 Aug 2018 14:19

Tgt Ion: 64 Resp: 97400

Ion Ratio Lower Upper

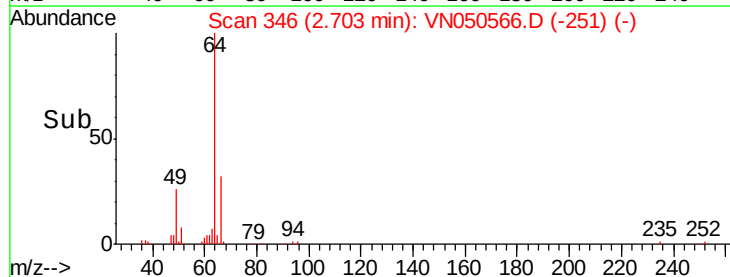
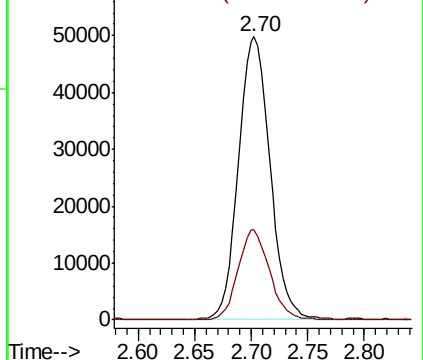
64 100

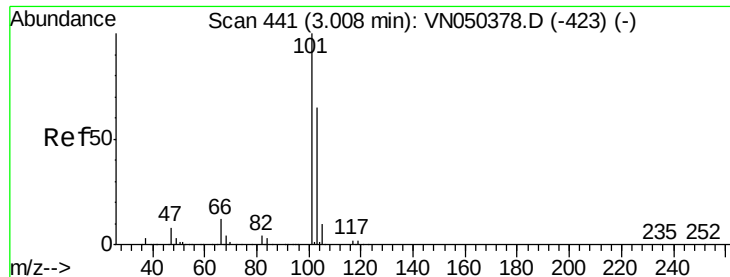
66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 17.00 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.01 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

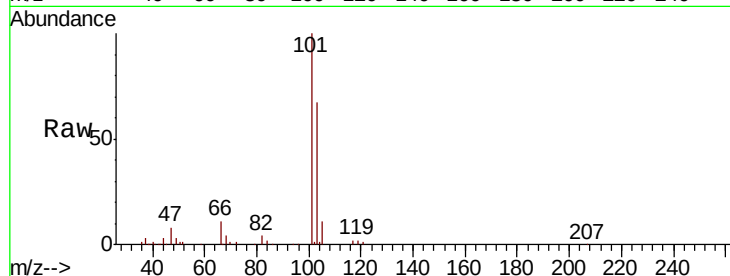
VN0813WBSD01

Tot Ion:101 Resp: 190496

Ion Ratio Lower Upper

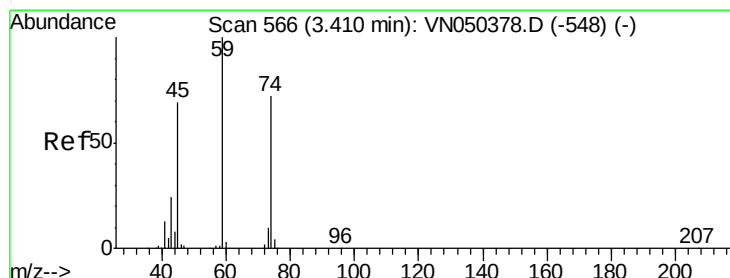
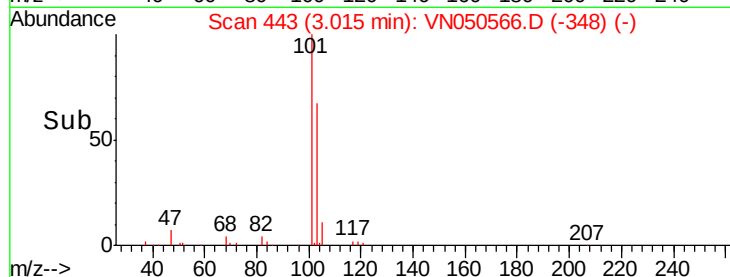
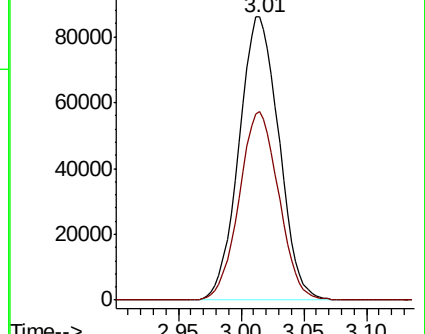
101 100

103 66.7 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.20 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050566.D

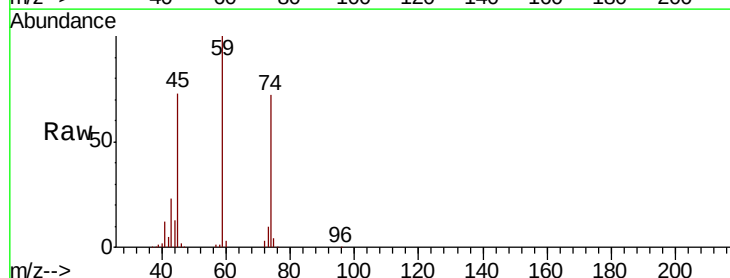
Acq: 13 Aug 2018 14:19

Tgt Ion: 74 Resp: 82994

Ion Ratio Lower Upper

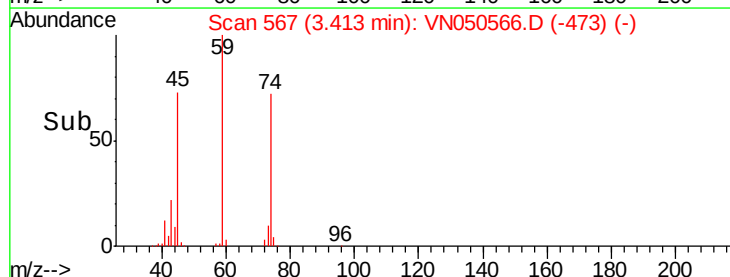
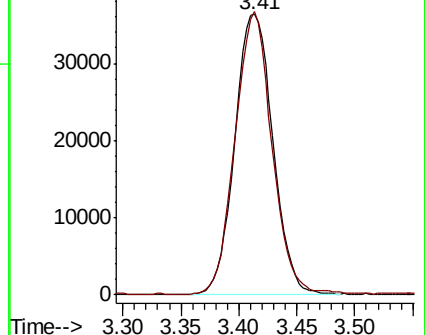
74 100

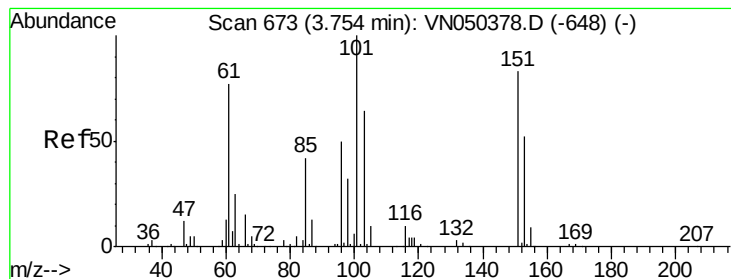
45 98.4 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.47 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

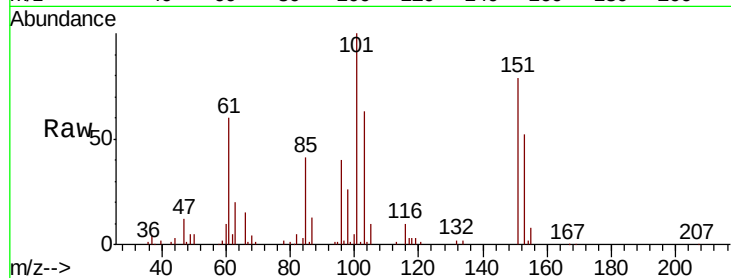
Tot Ion:101 Resp: 120945

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.2

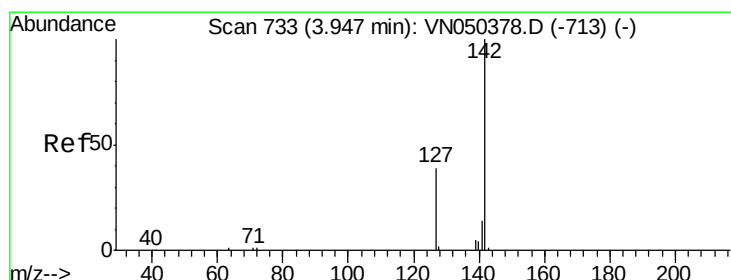
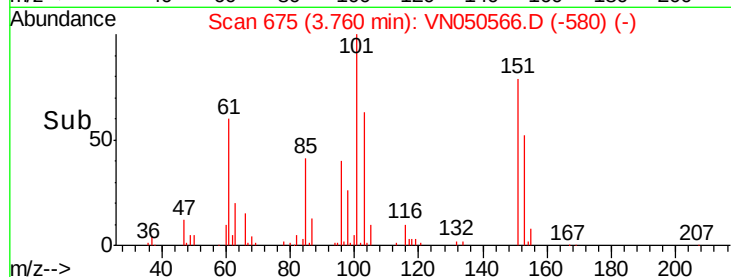
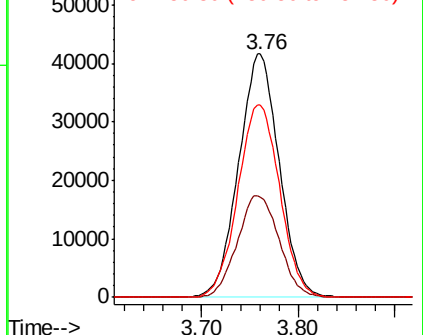
151 81.8 66.3 99.5



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: 23.79 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.01 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

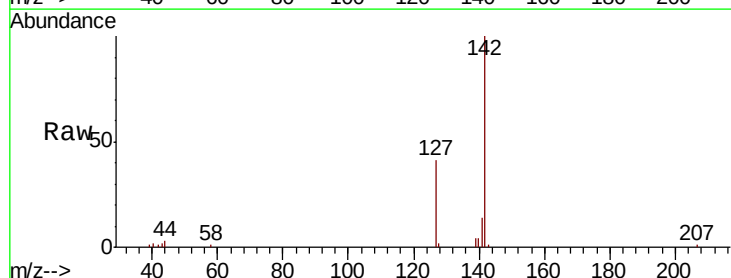
Tgt Ion:142 Resp: 72596

Ion Ratio Lower Upper

142 100

127 41.6 33.4 50.2

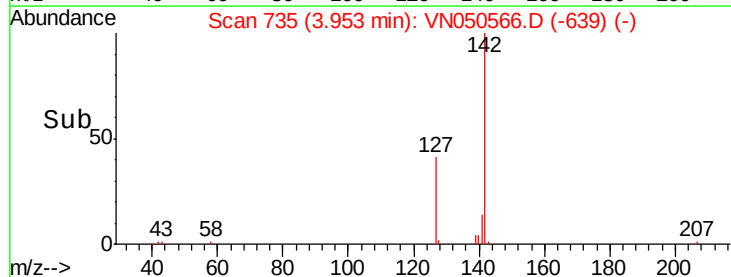
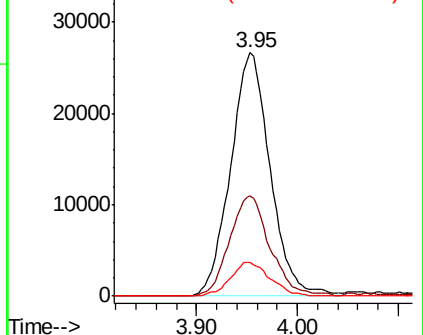
141 13.9 11.6 17.4

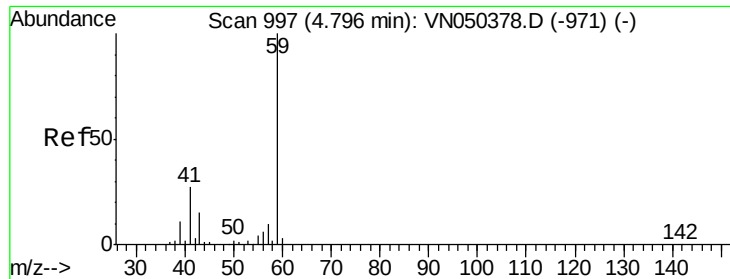


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



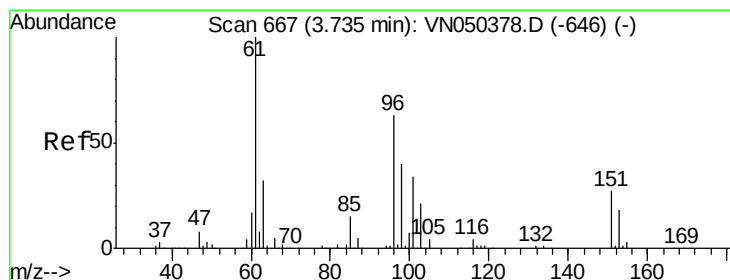
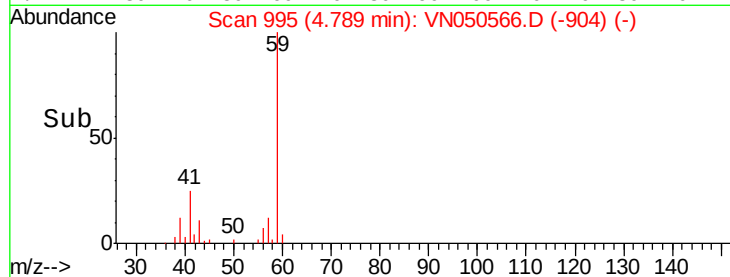
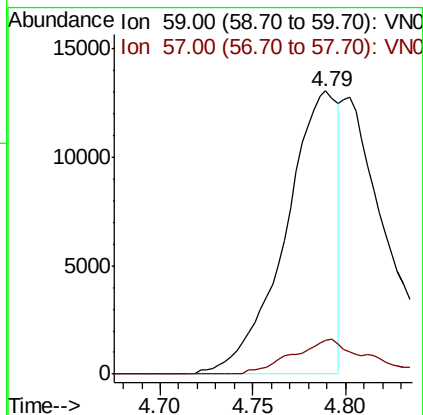
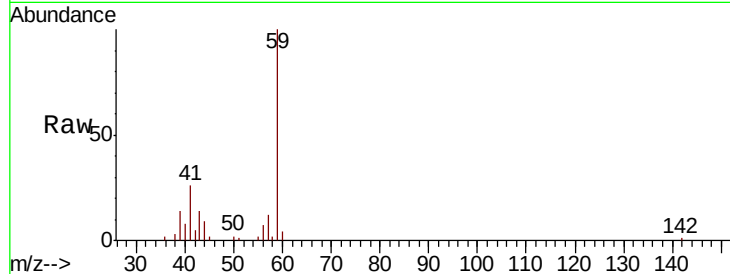


#11

Tert butyl alcohol
 Concen: 39.79 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0813WBSD01

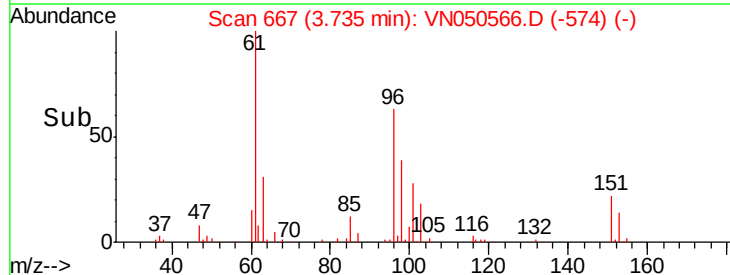
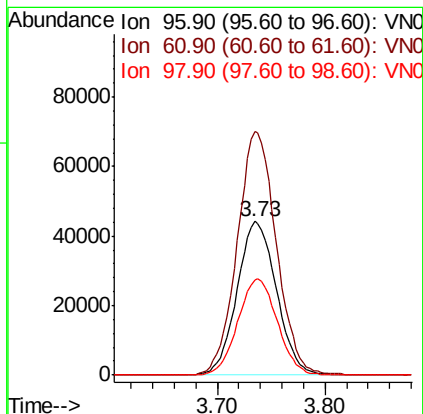
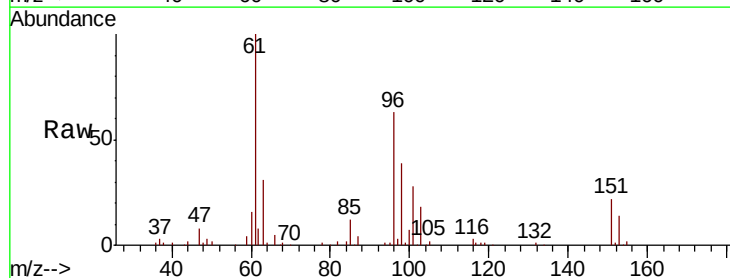
Tot Ion: 59 Resp: 25787
 Ion Ratio Lower Upper
 59 100
 57 17.9 8.5 12.7#

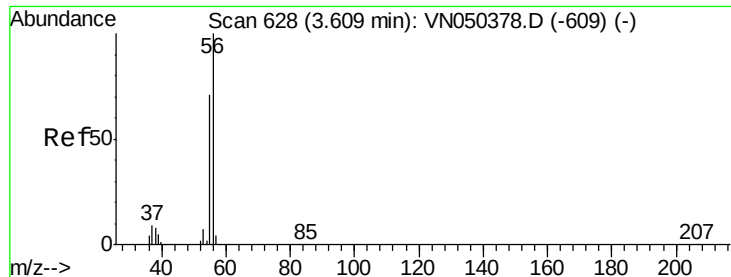


#12

1,1-Dichloroethene
 Concen: 17.22 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion: 96 Resp: 112400
 Ion Ratio Lower Upper
 96 100
 61 158.5 124.4 186.6
 98 61.8 48.3 72.5





#13

Acrolein

Concen: 52.90 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

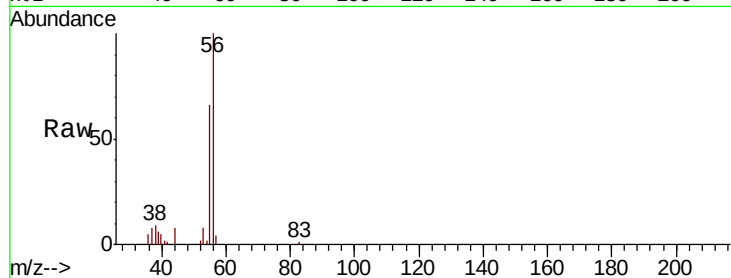
VN0813WBSD01

Tot Ion: 56 Resp: 33979

Ion Ratio Lower Upper

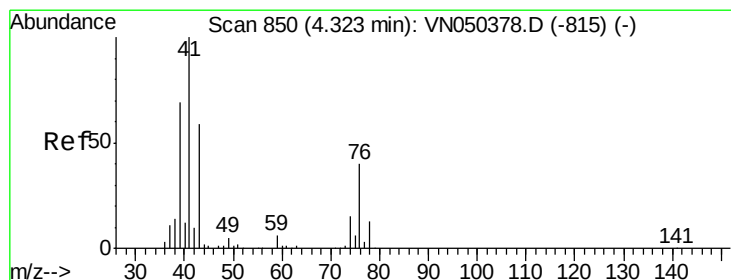
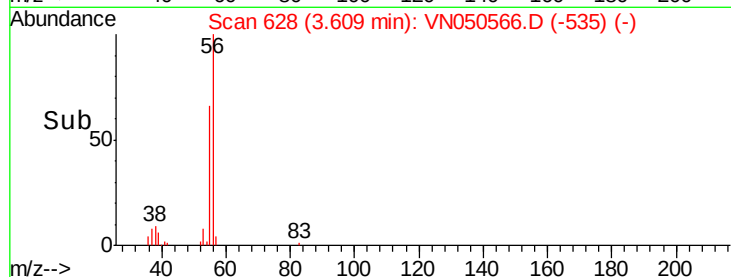
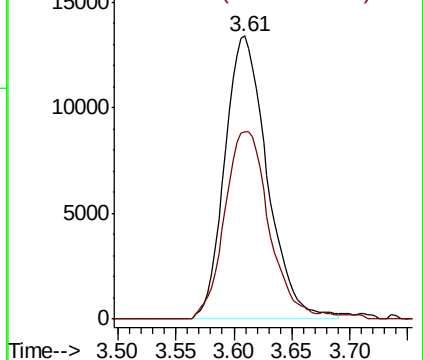
56 100

55 69.1 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: 18.73 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

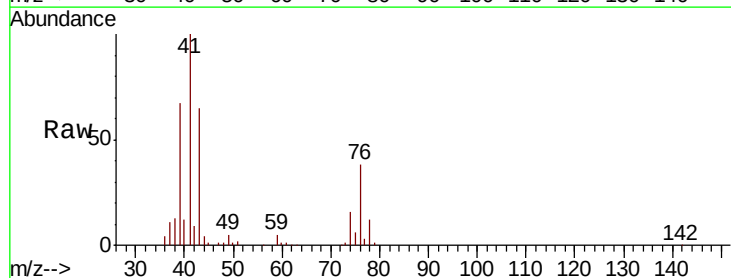
Tgt Ion: 41 Resp: 196359

Ion Ratio Lower Upper

41 100

39 64.7 54.2 81.4

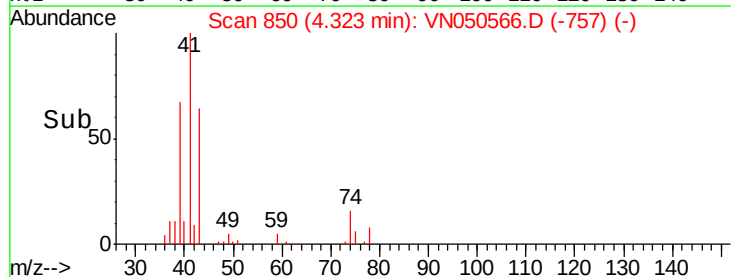
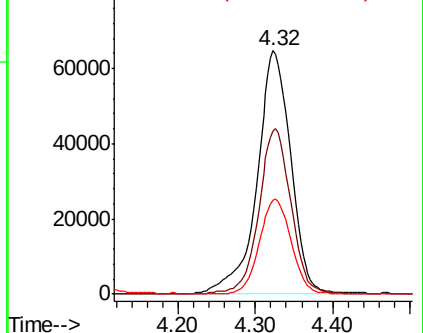
76 36.7 29.0 43.6

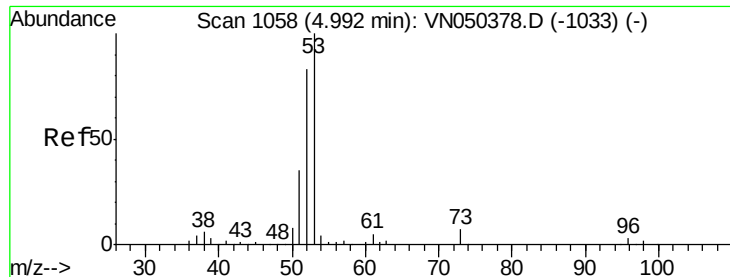


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 89.77 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

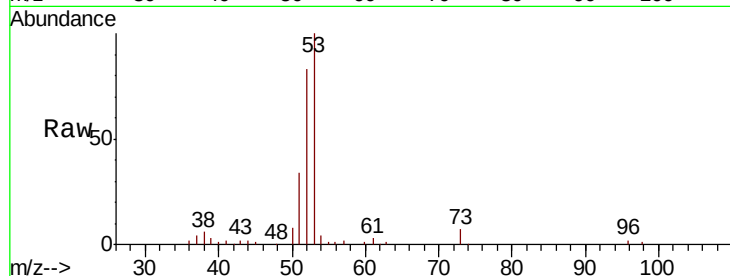
Tot Ion: 53 Resp: 243722

Ion Ratio Lower Upper

53 100

52 83.8 66.2 99.2

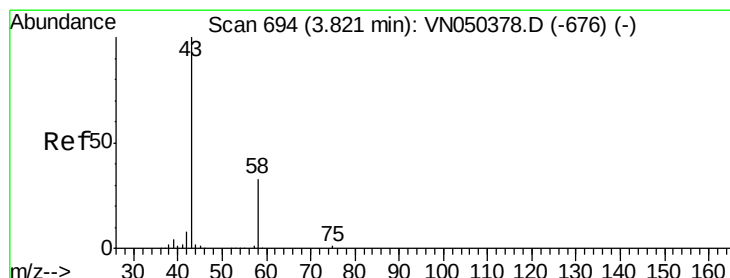
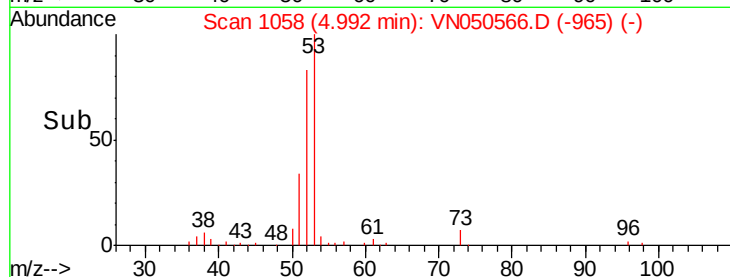
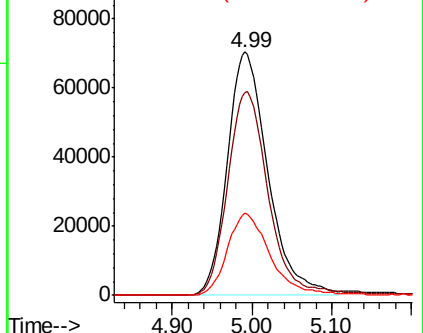
51 35.3 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 88.66 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050566.D

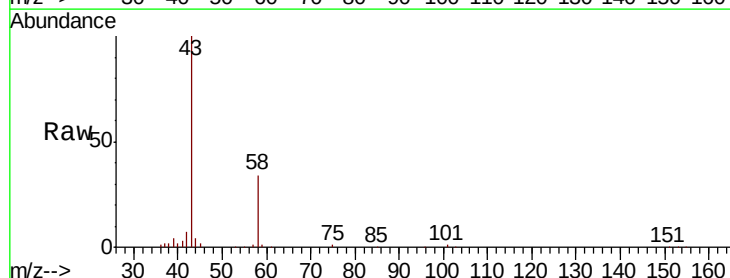
Acq: 13 Aug 2018 14:19

Tgt Ion: 43 Resp: 213870

Ion Ratio Lower Upper

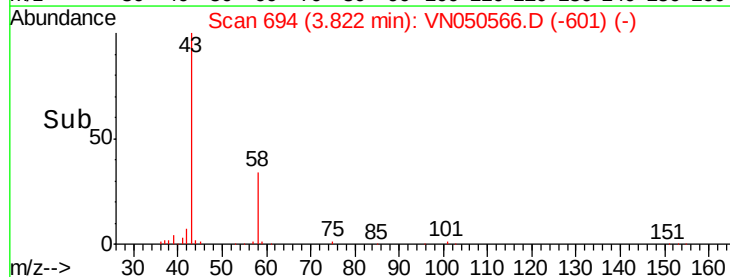
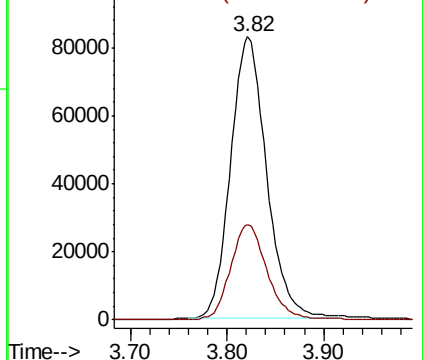
43 100

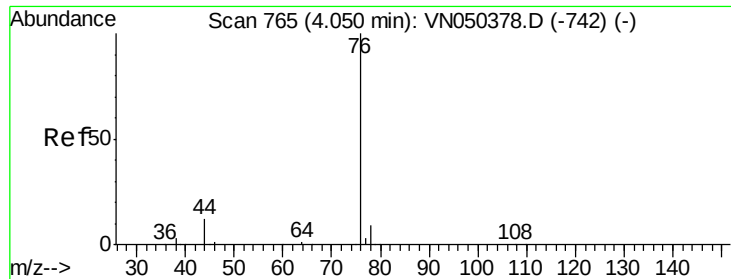
58 33.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

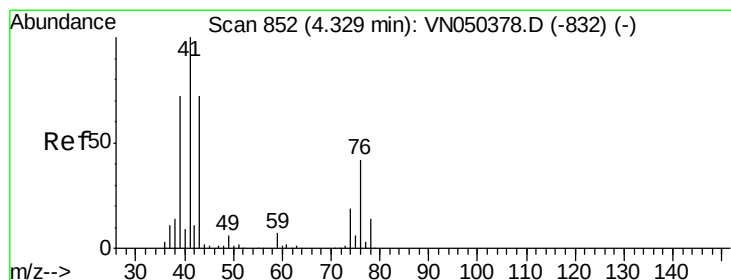
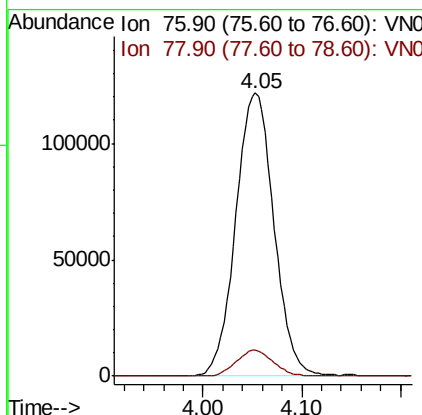
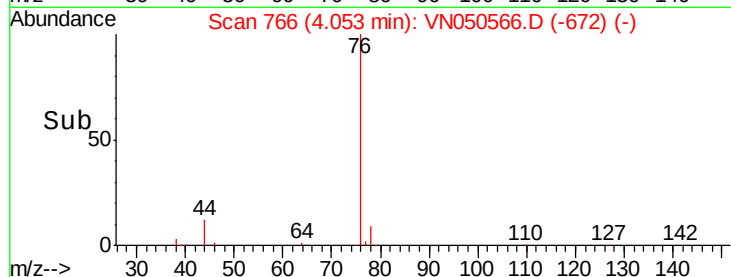
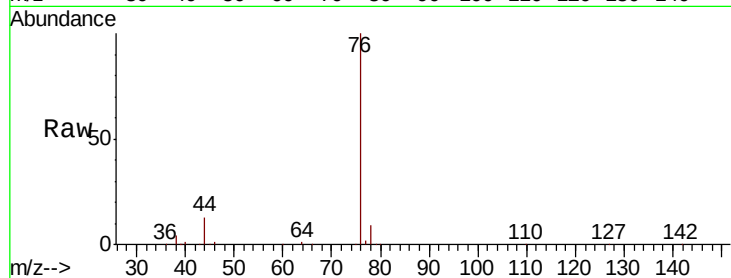




#17
Carbon Disulfide
Concen: 15.37 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

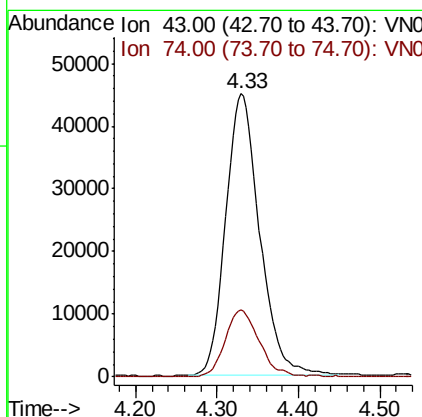
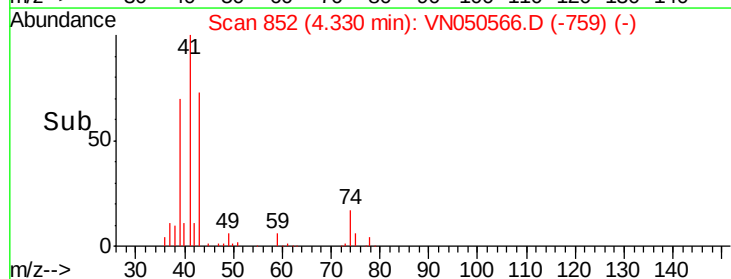
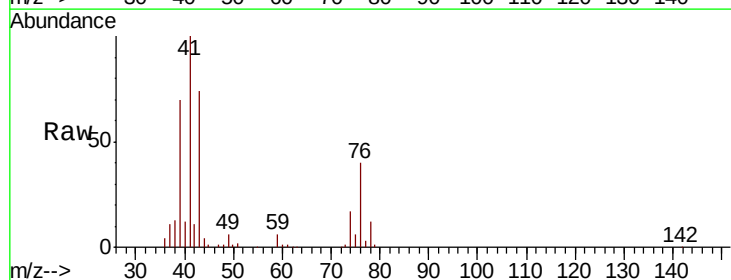
Instrument :
MSVOA_N
ClientSampled :
VN0813WBSD01

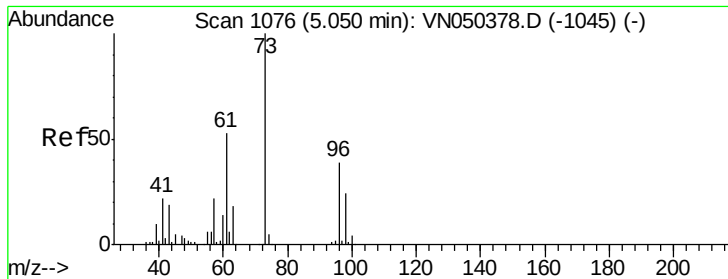
Tot Ion: 76 Resp: 326330
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 20.87 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 43 Resp: 131169
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8

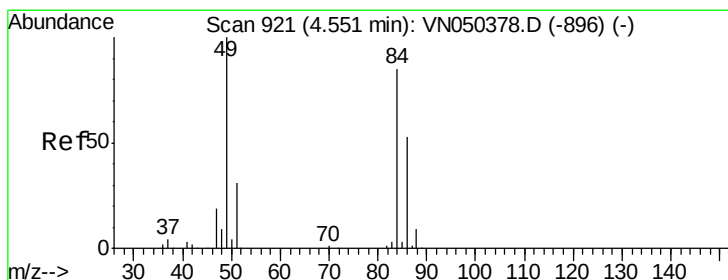
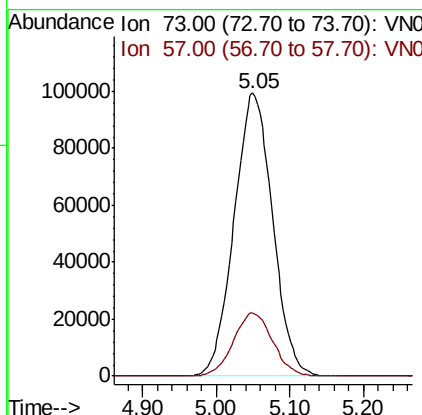
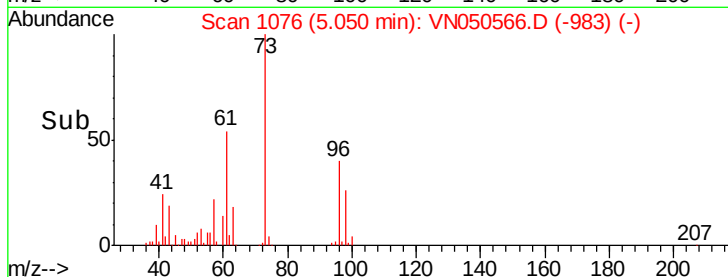
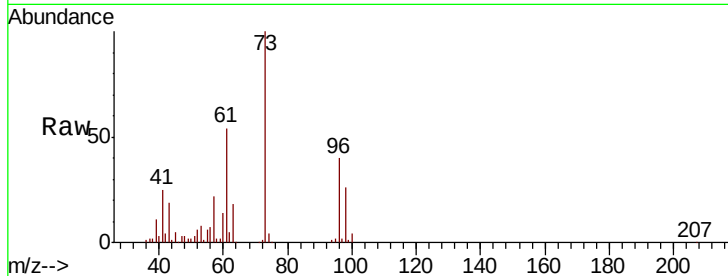




#19
Methyl tert-butyl Ether
Concen: 19.52 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

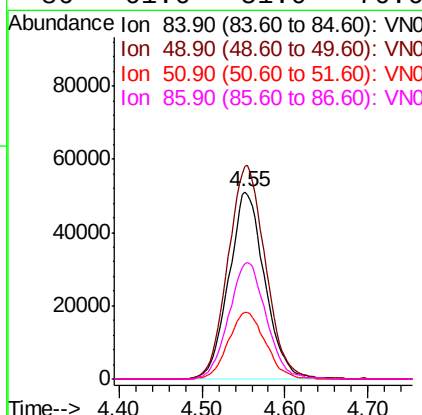
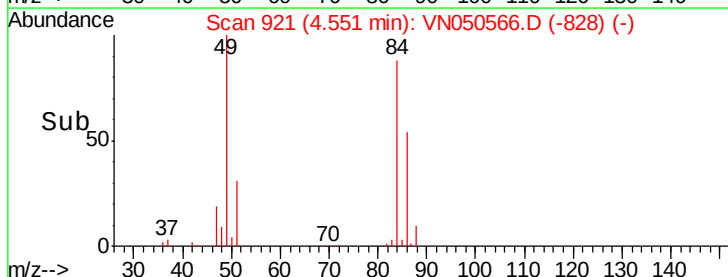
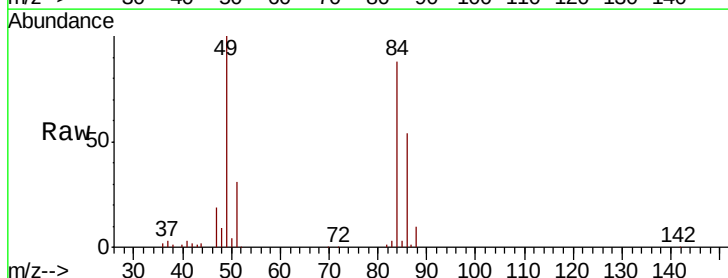
Instrument :
MSVOA_N
ClientSampled :
VN0813WBSD01

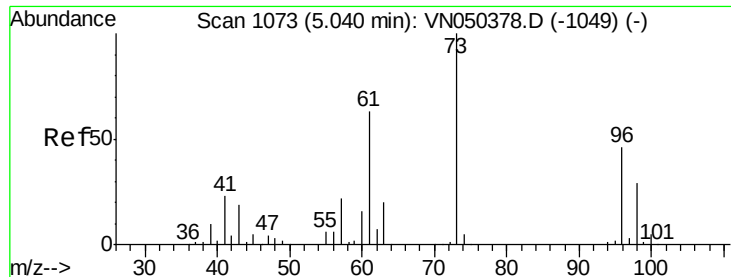
Tot Ion: 73 Resp: 361698
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 20.04 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 84 Resp: 154317
Ion Ratio Lower Upper
84 100
49 113.3 94.8 142.2
51 35.6 28.3 42.5
86 61.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.79 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampled :

VN0813WBSD01

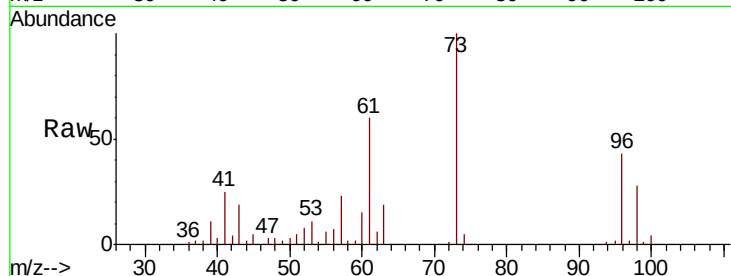
Tot Ion: 96 Resp: 132741

Ion Ratio Lower Upper

96 100

61 137.0 110.7 166.1

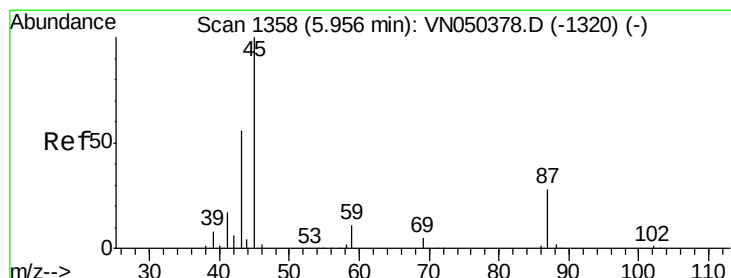
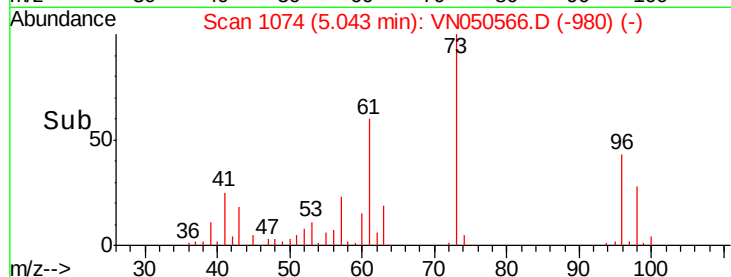
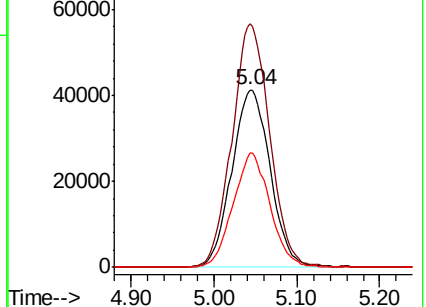
98 64.4 51.6 77.4



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: 21.47 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Tgt Ion: 45 Resp: 459854

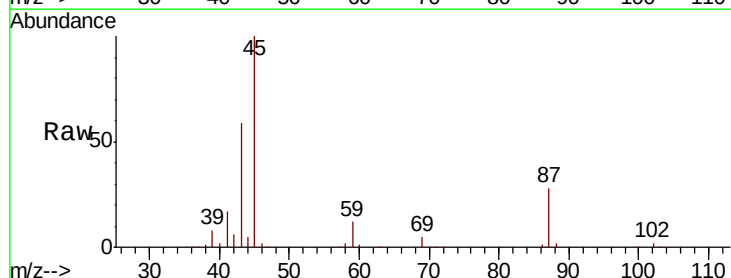
Ion Ratio Lower Upper

45 100

43 57.3 45.7 68.5

87 27.9 22.7 34.1

59 11.6 9.5 14.3

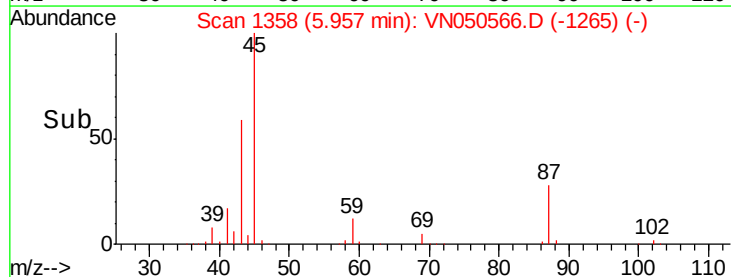
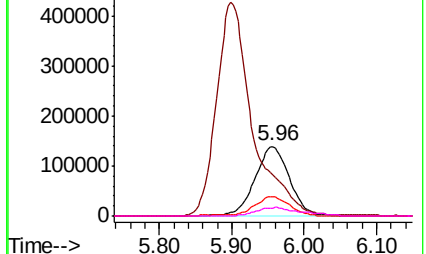


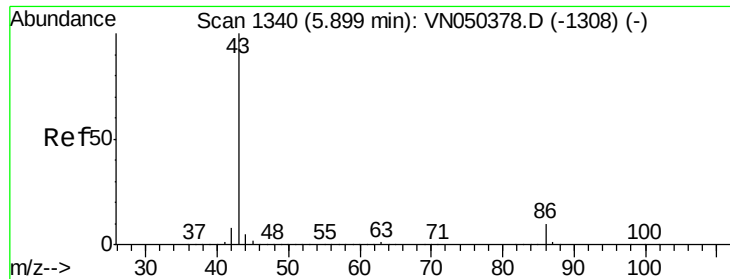
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

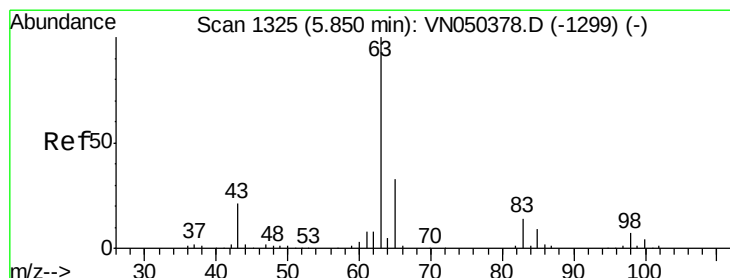
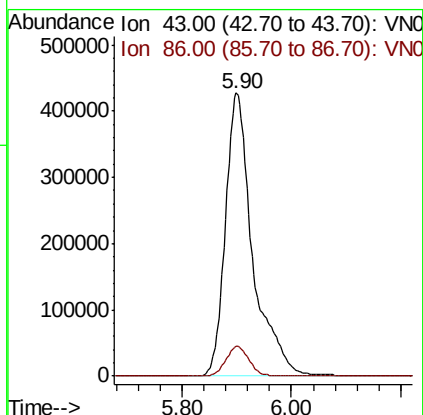
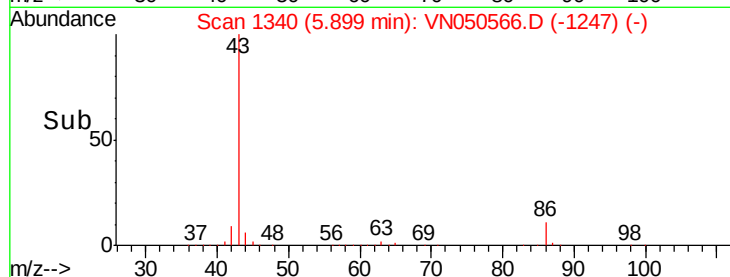
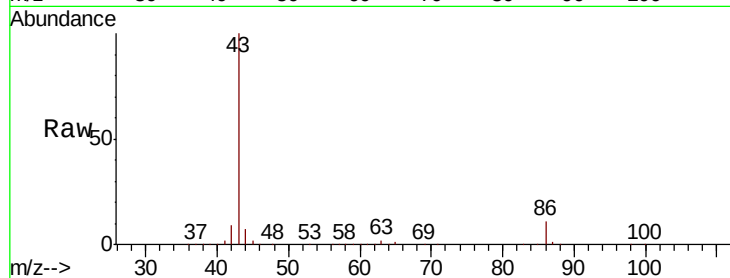




#23
 Vinyl Acetate
 Concen: 97.04 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

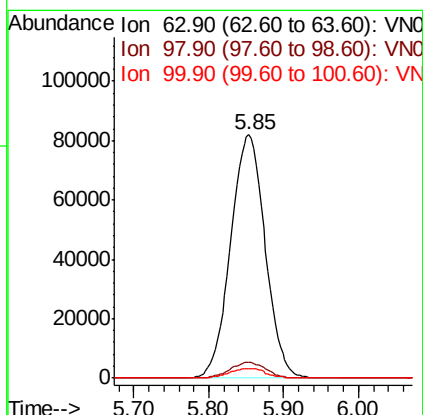
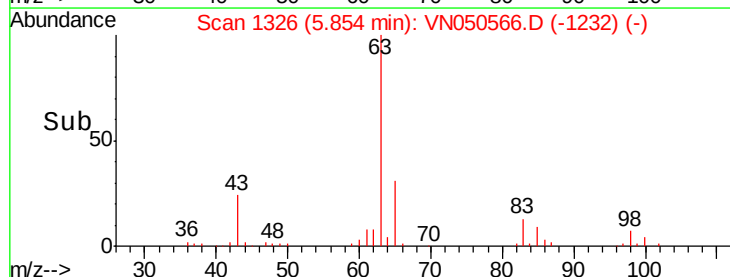
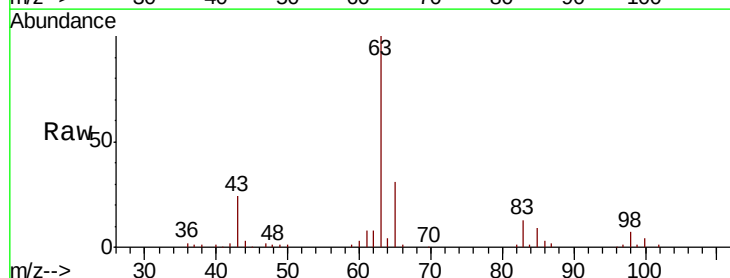
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

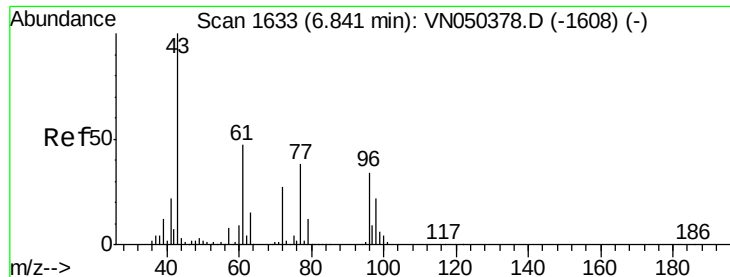
Tot Ion: 43 Resp: 1482880
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.00 ug/l
 RT: 5.85 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion: 63 Resp: 262866
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 3.8 2.1 6.3





#25

2-Butanone

Concen: 85.27 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampled :

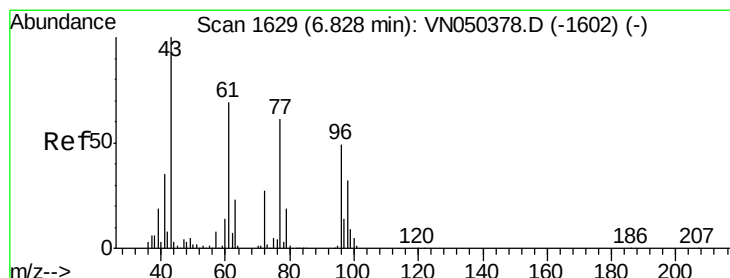
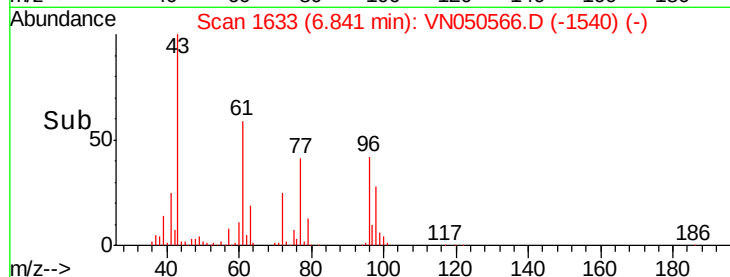
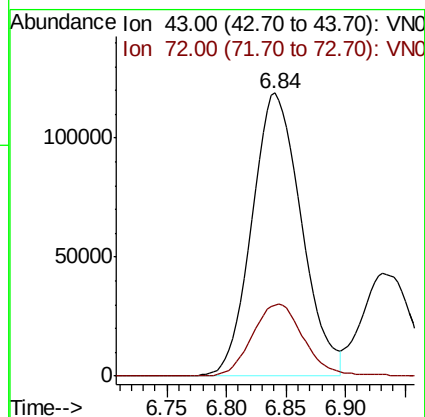
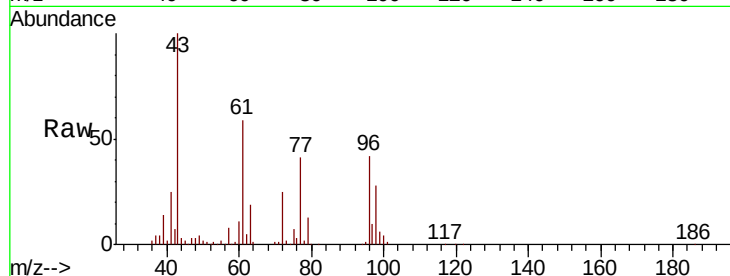
VN0813WBSD01

Tot Ion: 43 Resp: 340921

Ion Ratio Lower Upper

43 100

72 25.2 21.5 32.3



#26

2,2-Dichloropropane

Concen: 17.29 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050566.D

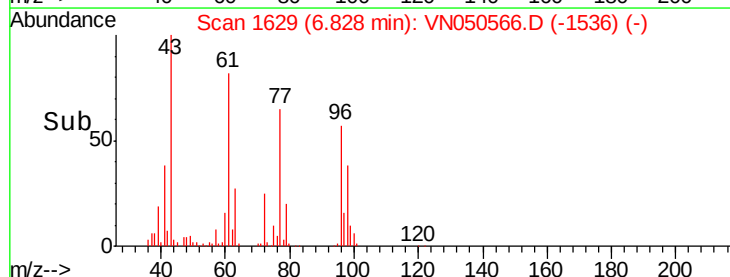
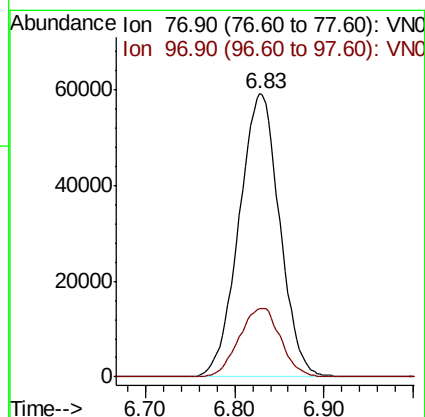
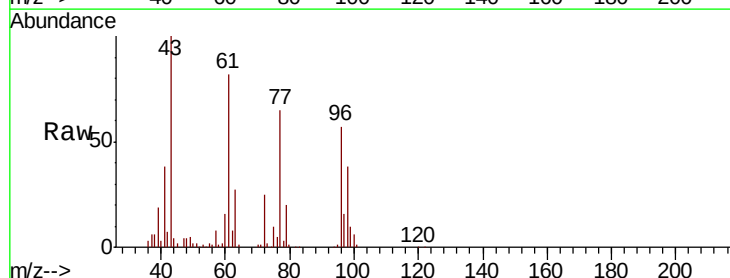
Acq: 13 Aug 2018 14:19

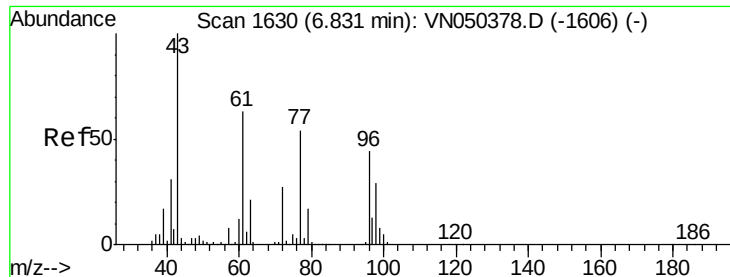
Tgt Ion: 77 Resp: 187354

Ion Ratio Lower Upper

77 100

97 24.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.03 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

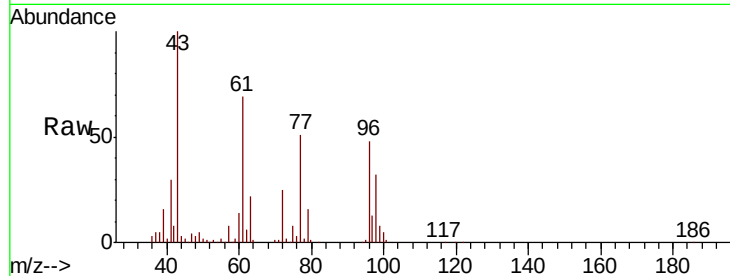
Tot Ion: 96 Resp: 156840

Ion Ratio Lower Upper

96 100

61 143.1 0.0 285.0

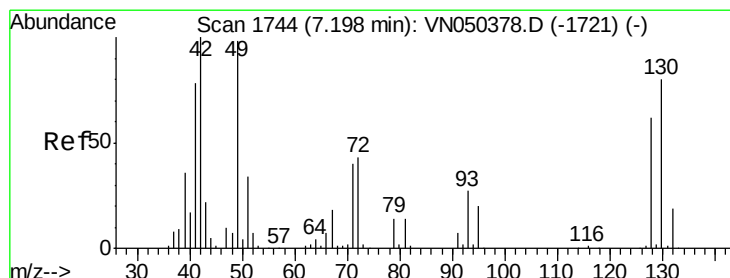
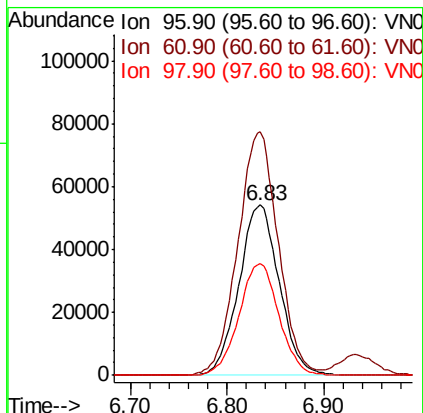
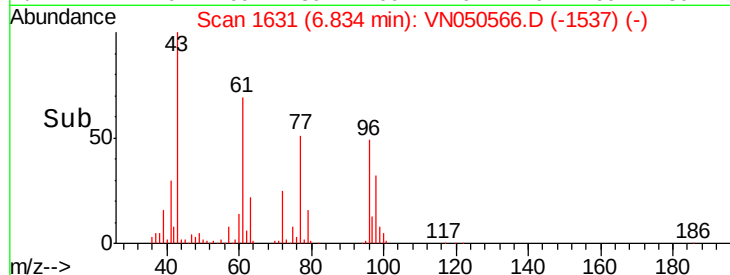
98 65.0 0.0 129.2



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



#28

Bromochloromethane

Concen: 20.33 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

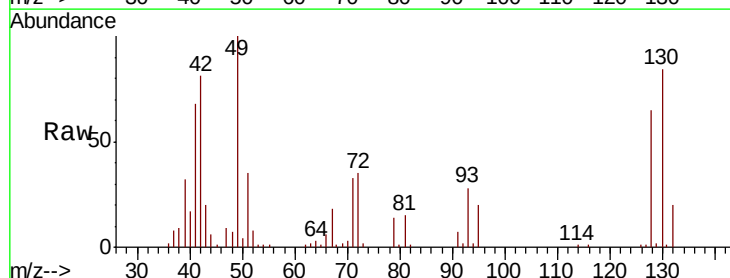
Tgt Ion: 49 Resp: 122966

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

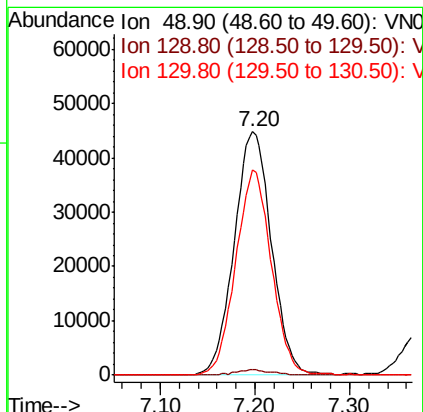
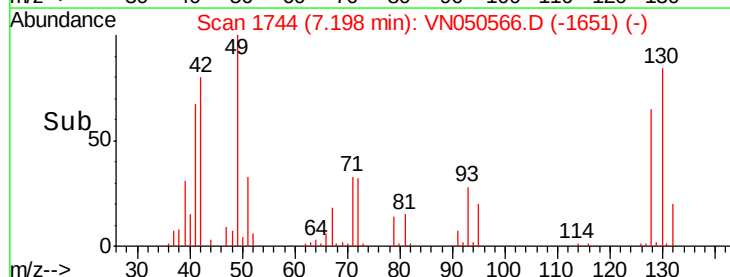
130 80.5 66.3 99.5

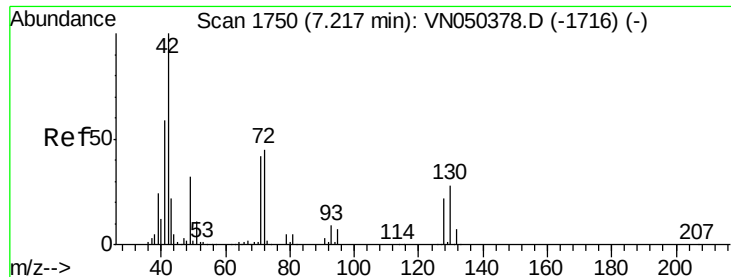


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 84.50 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

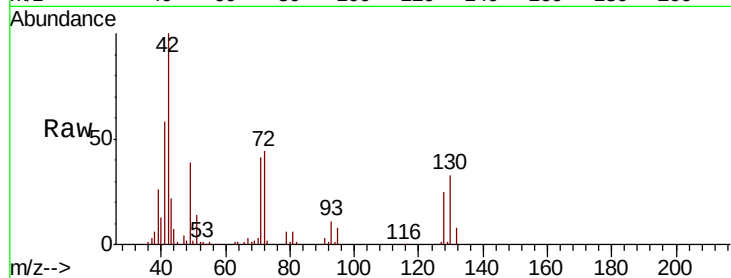
Tot Ion: 42 Resp: 180826

Ion Ratio Lower Upper

42 100

72 43.6 35.9 53.9

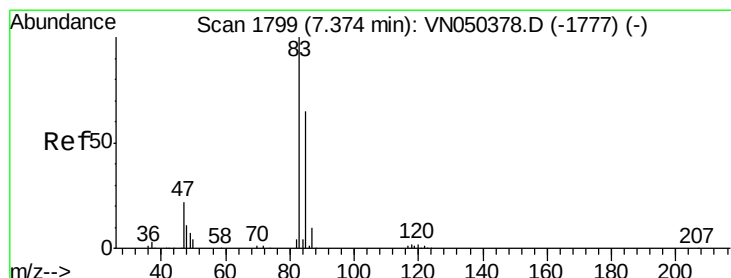
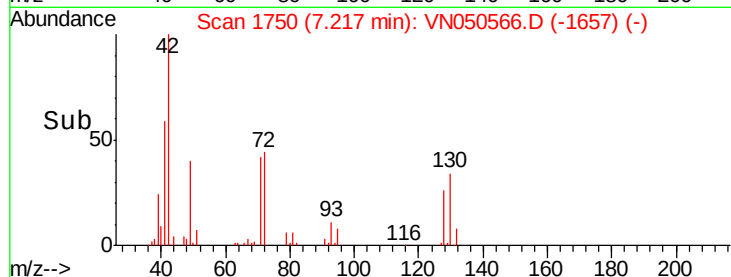
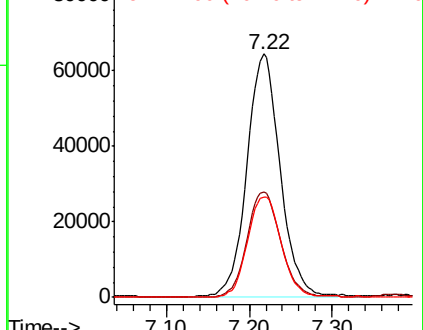
71 41.4 33.7 50.5



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: 20.58 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050566.D

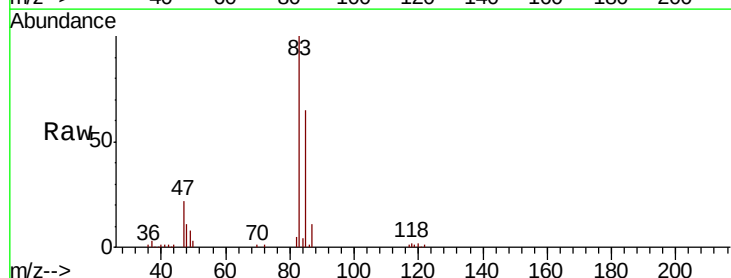
Acq: 13 Aug 2018 14:19

Tgt Ion: 83 Resp: 270344

Ion Ratio Lower Upper

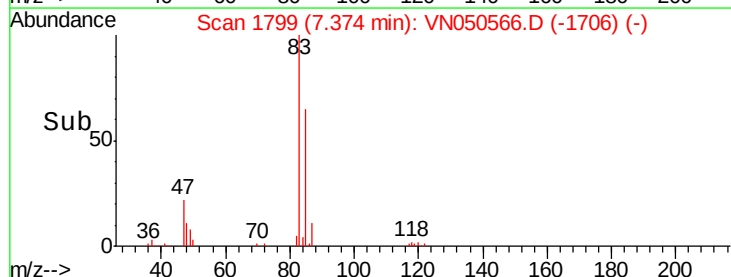
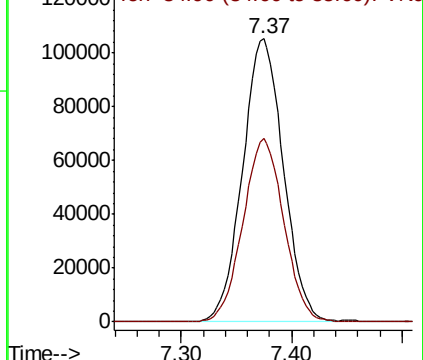
83 100

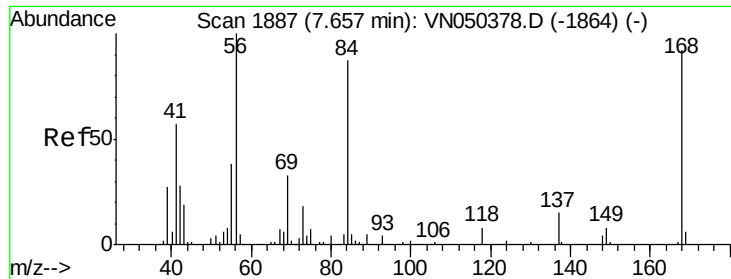
85 64.6 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

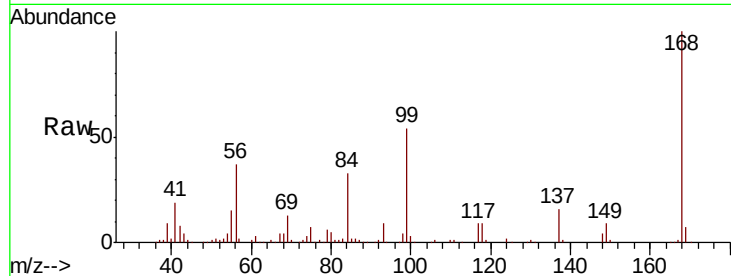




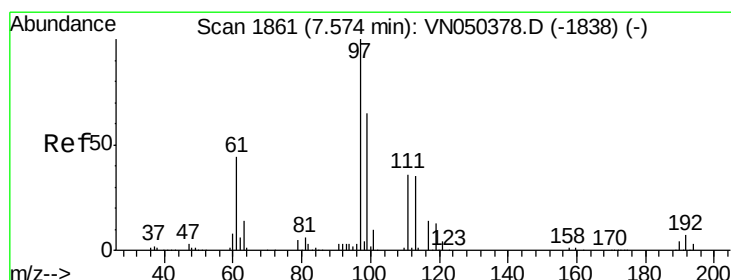
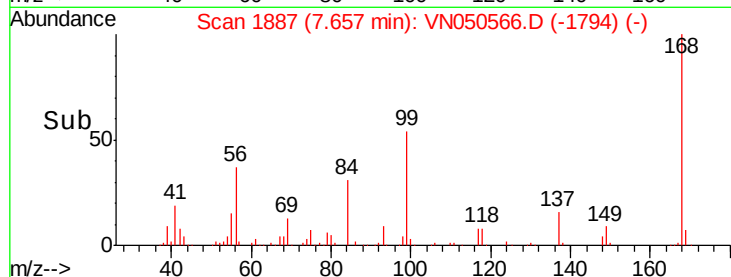
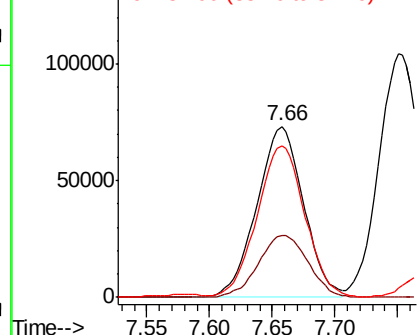
#31
Cyclohexane
Concen: 15.97 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Instrument :
MSVOA_N
ClientSampled :
VN0813WBSD01

Tot Ion: 56 Resp: 189673
Ion Ratio Lower Upper
56 100
69 35.9 26.2 39.4
84 87.5 67.4 101.0

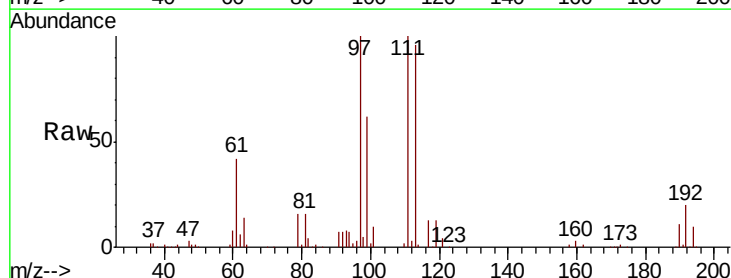


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

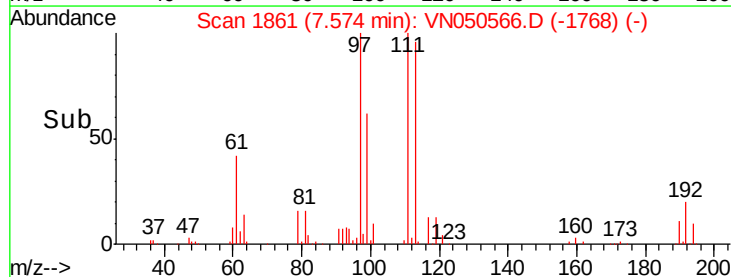
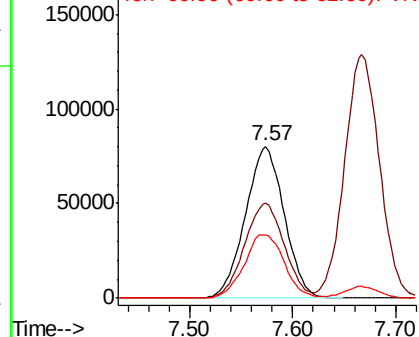


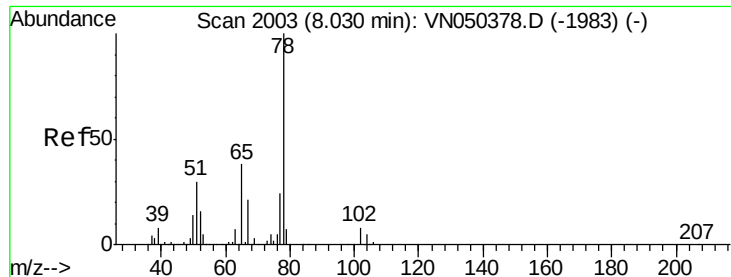
#32
1,1,1-Trichloroethane
Concen: 18.63 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 97 Resp: 210172
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 43.1 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

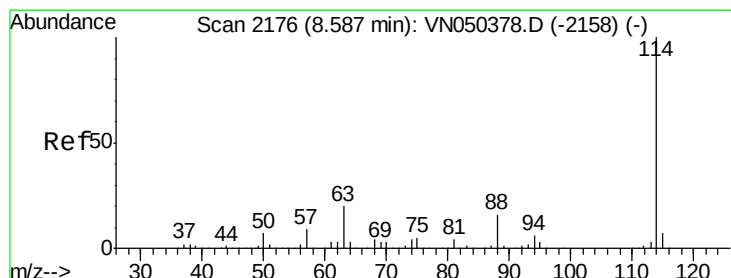
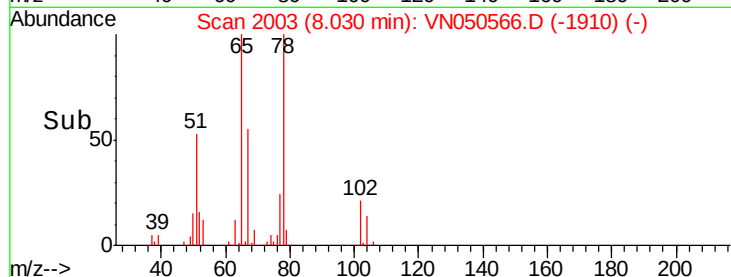
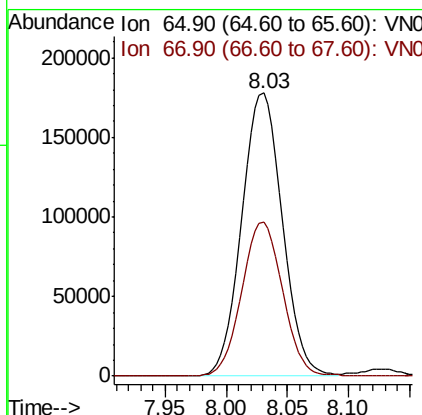
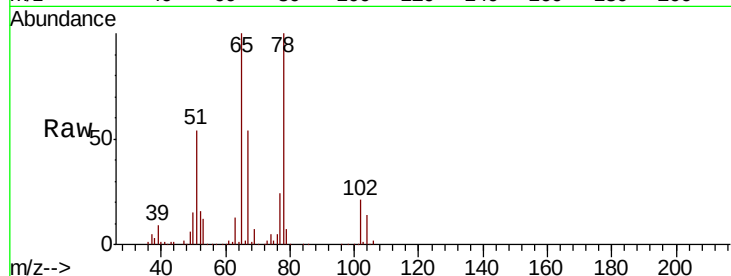




#33
 1,2-Dichloroethane-d4
 Concen: 50.95 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

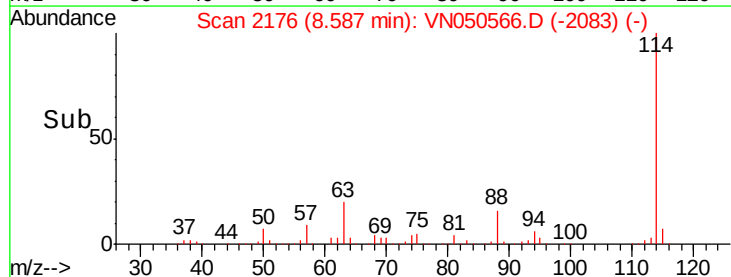
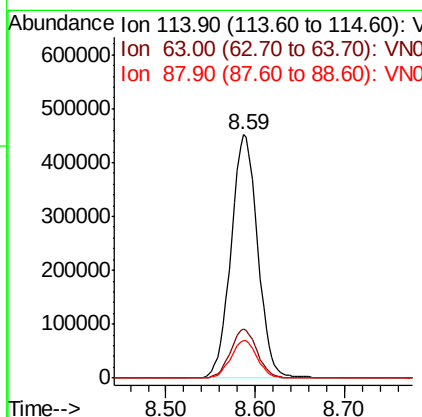
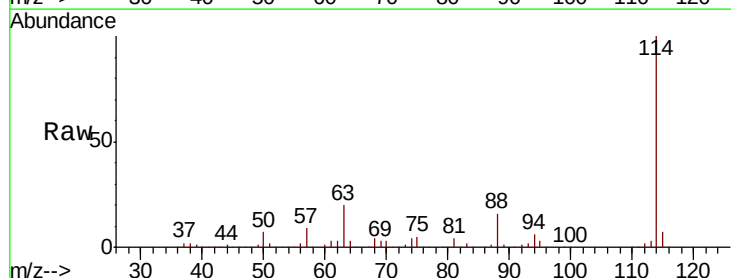
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

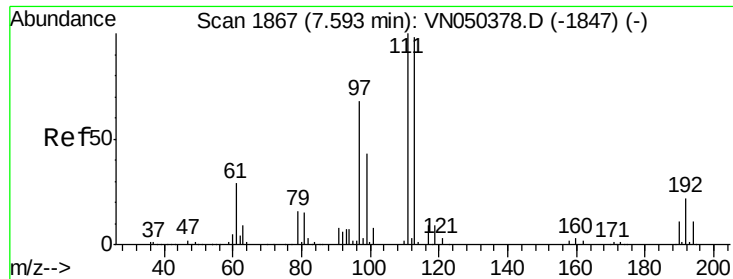
Tot Ion: 65 Resp: 411071
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion: 114 Resp: 934311
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.6 0.0 31.2

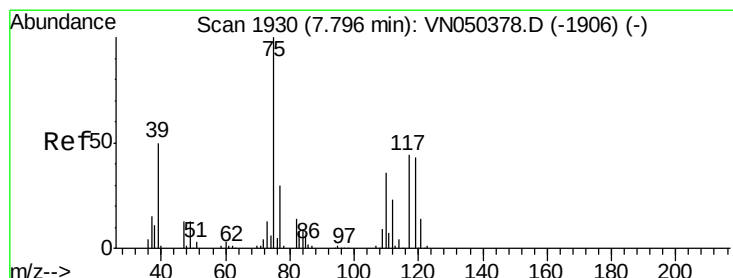
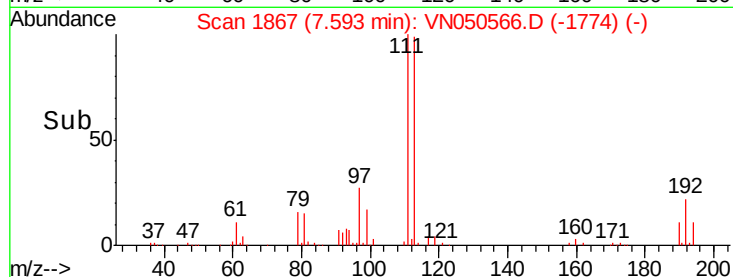
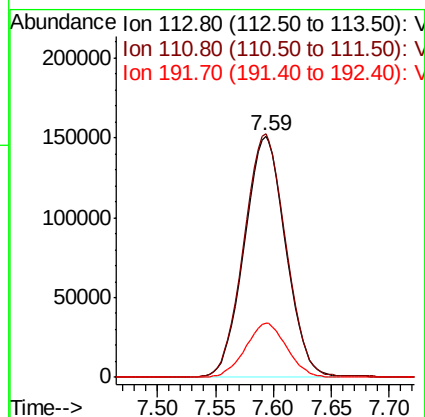
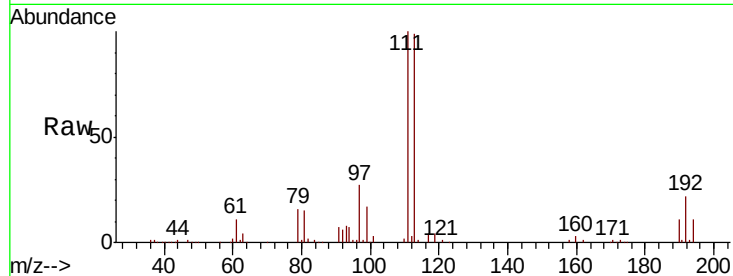




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

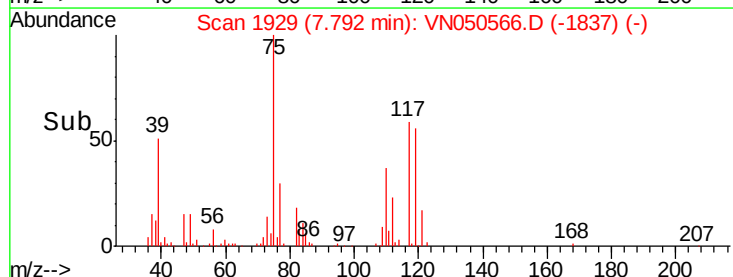
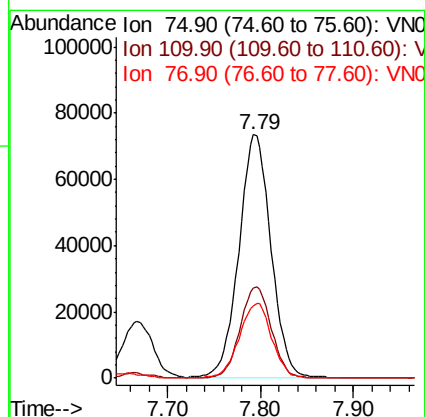
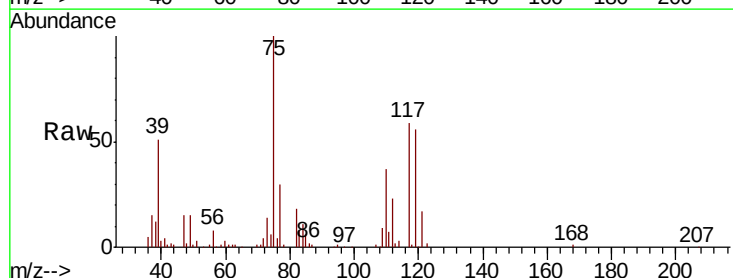
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

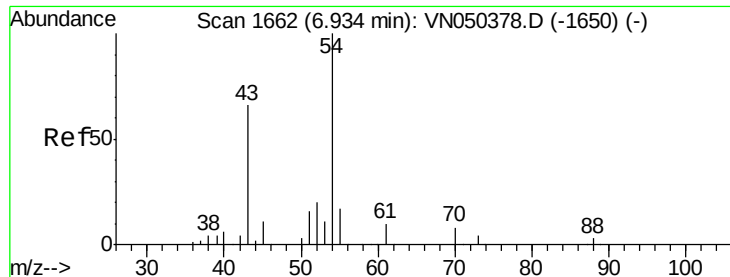
Tot Ion:113 Resp: 374810
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.7 121.1
 192 22.4 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 17.13 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion: 75 Resp: 175836
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.4 55.2
 77 31.4 25.3 37.9

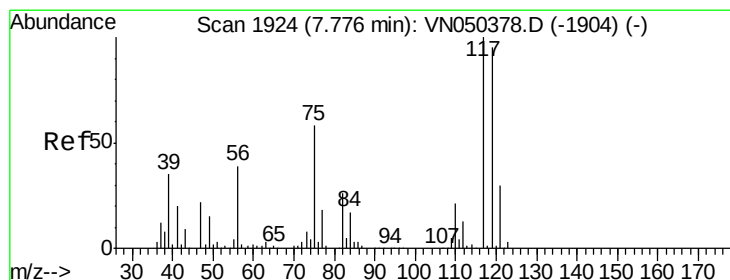
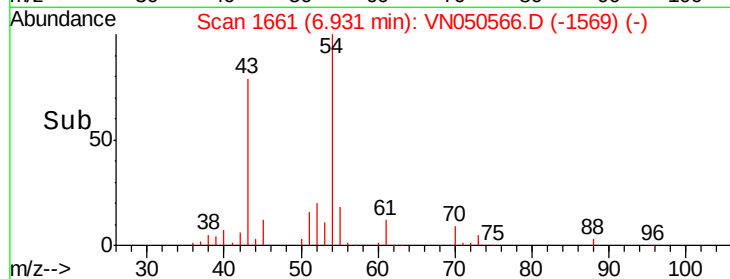
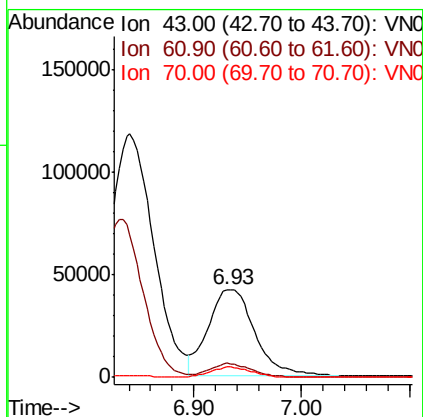
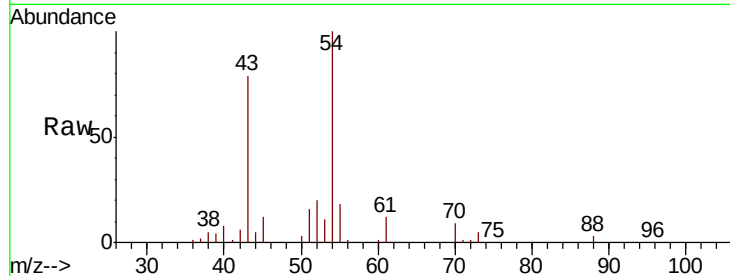




#37
Ethyl Acetate
Concen: 17.14 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

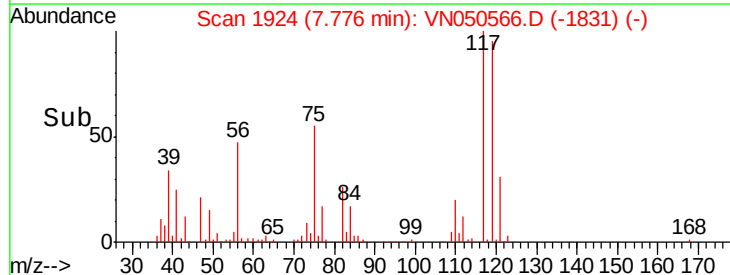
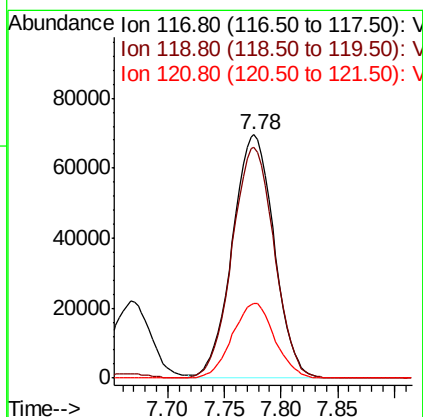
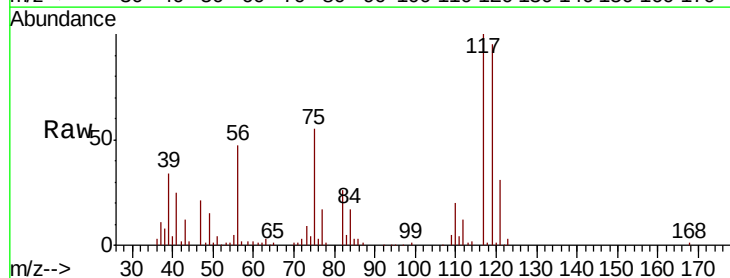
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

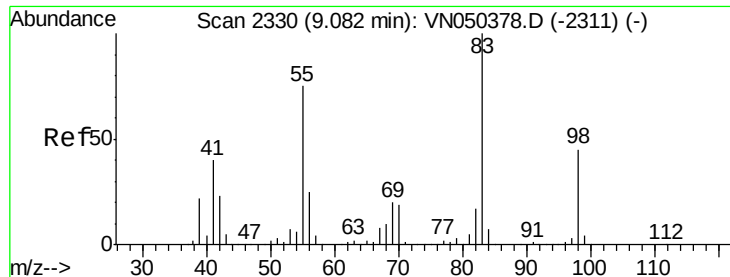
Tot Ion: 43 Resp: 126738
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.8
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 16.70 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 117 Resp: 178845
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
121 30.8 23.9 35.9

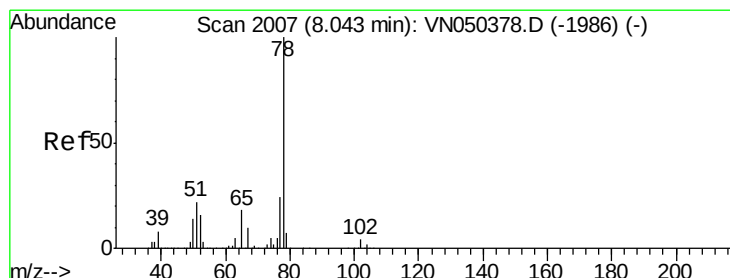
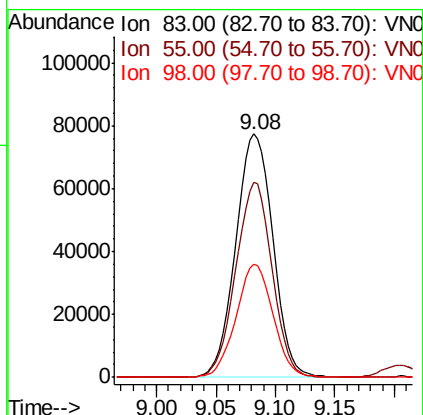
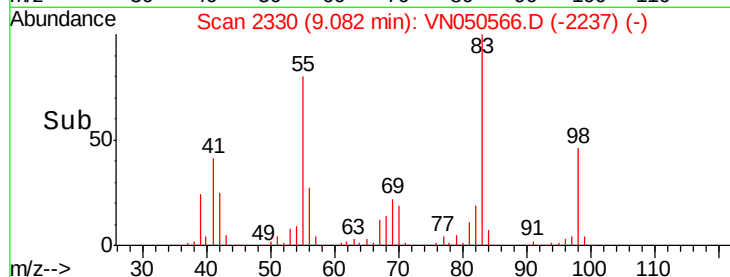
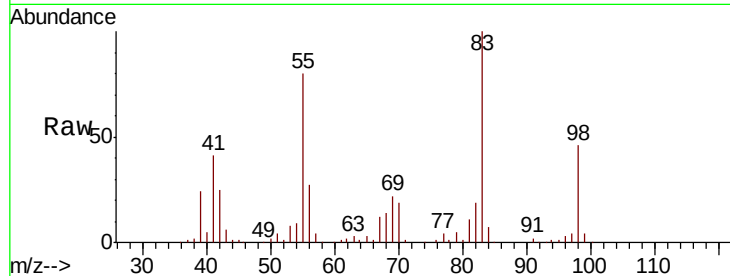




#39
Methylvlcyclohexane
Concen: 14.98 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

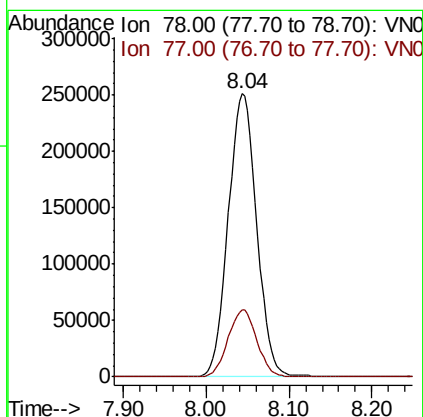
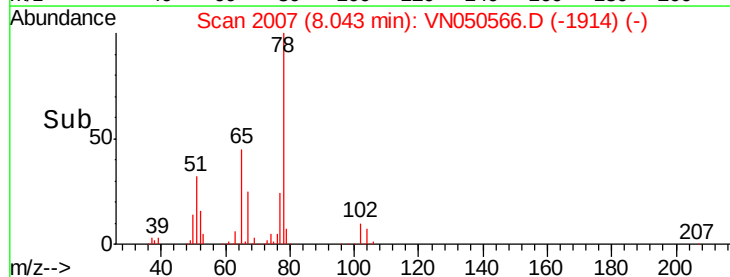
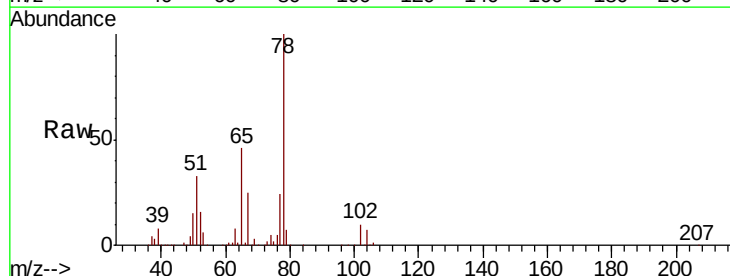
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

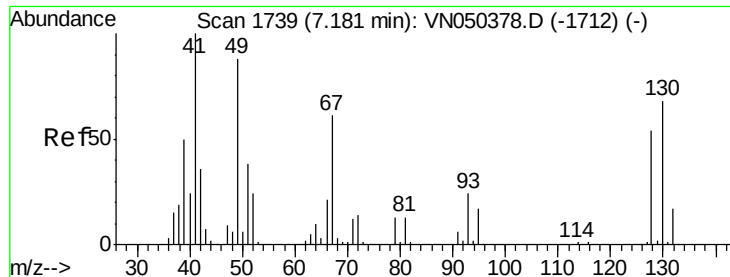
Tot Ion: 83 Resp: 167883
Ion Ratio Lower Upper
83 100
55 80.2 61.8 92.8
98 46.3 36.5 54.7



#40
Benzene
Concen: 19.00 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 78 Resp: 599613
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

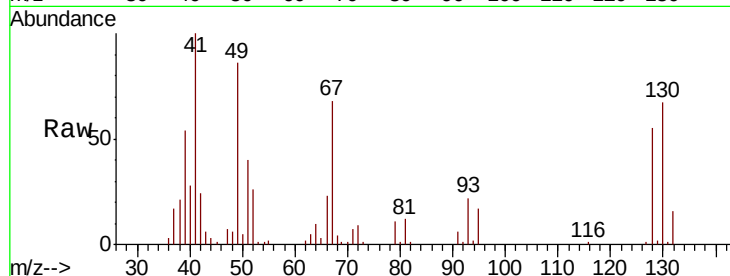




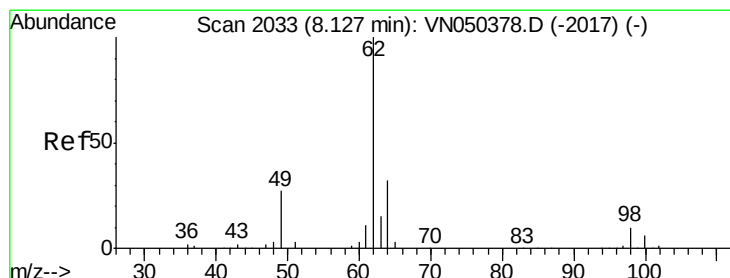
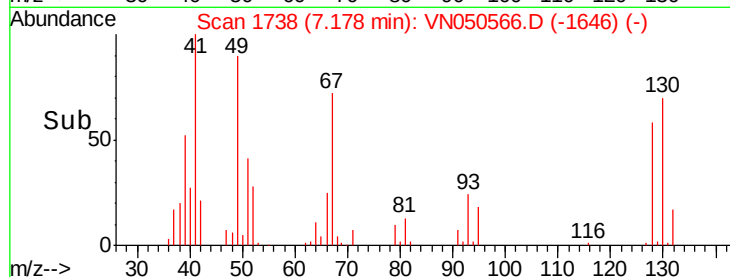
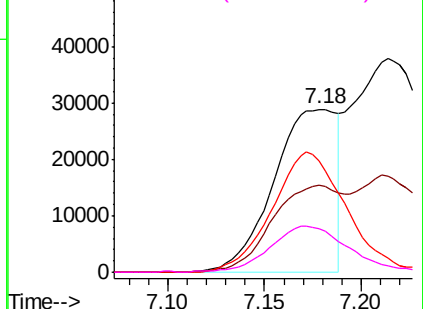
#41
Methacrylonitrile
Concen: 16.77 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tot Ion: 41 Resp: 65925
Ion Ratio Lower Upper
41 100
39 57.8 55.8 83.6
67 85.8 84.3 126.5
52 35.5 34.2 51.2

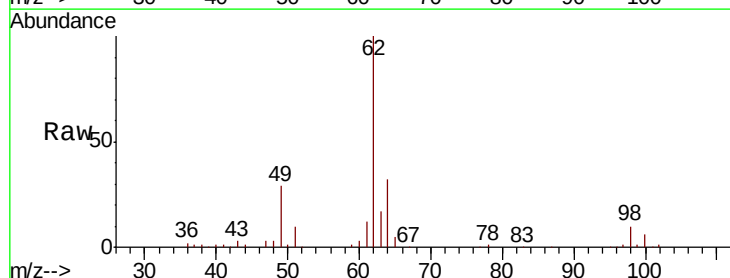


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

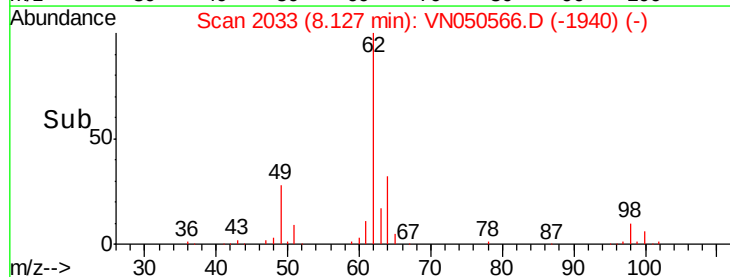
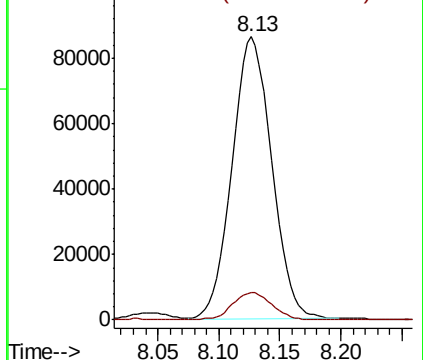


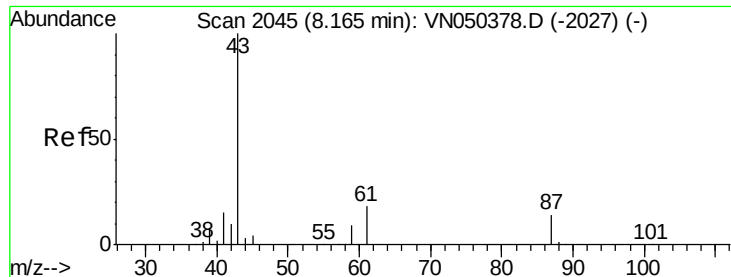
#42
1,2-Dichloroethane
Concen: 19.43 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 62 Resp: 194686
Ion Ratio Lower Upper
62 100
98 9.7 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: 17.28 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampled :

VN0813WBSD01

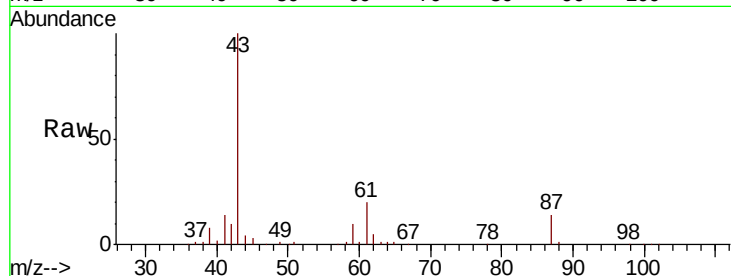
Tot Ion: 43 Resp: 220572

Ion Ratio Lower Upper

43 100

61 30.4 15.8 23.6#

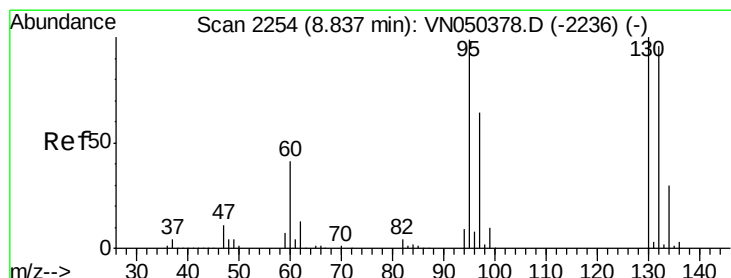
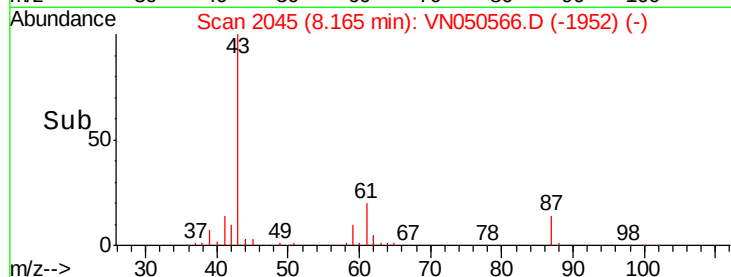
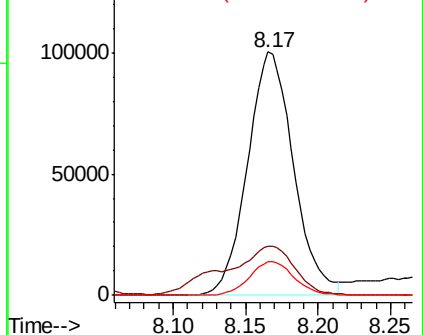
87 13.6 10.3 15.5



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: 17.74 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050566.D

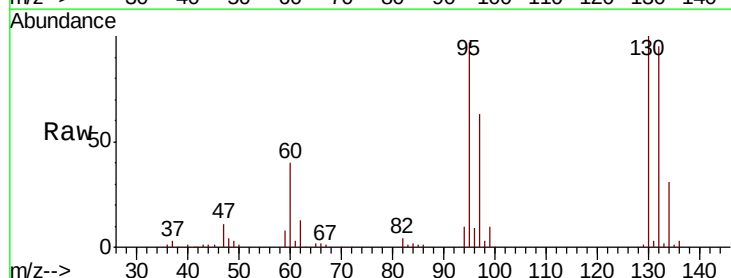
Acq: 13 Aug 2018 14:19

Tgt Ion:130 Resp: 150473

Ion Ratio Lower Upper

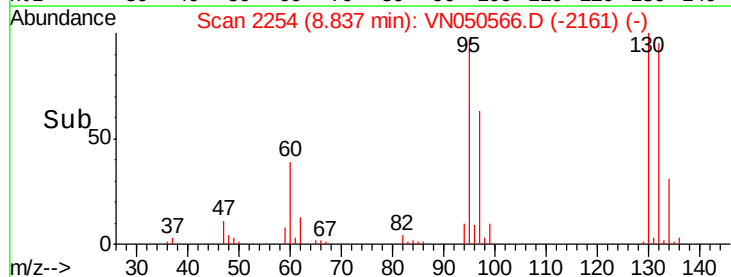
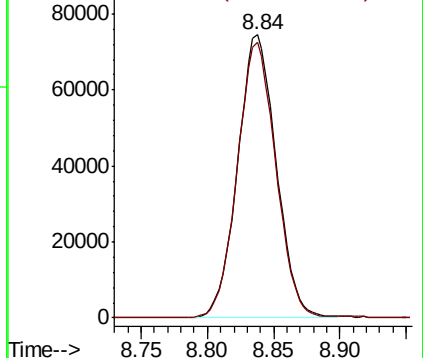
130 100

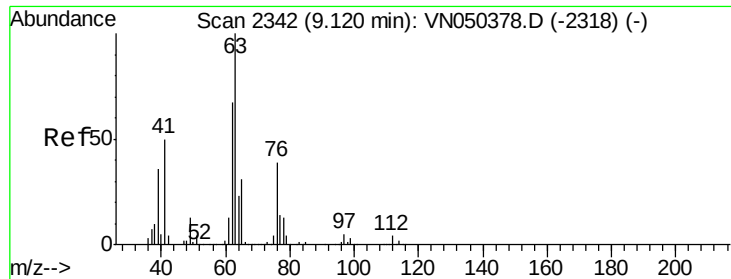
95 97.3 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

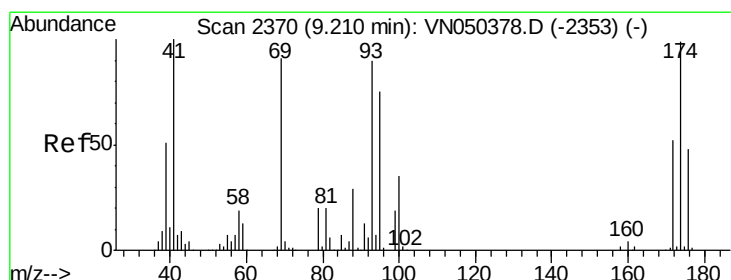
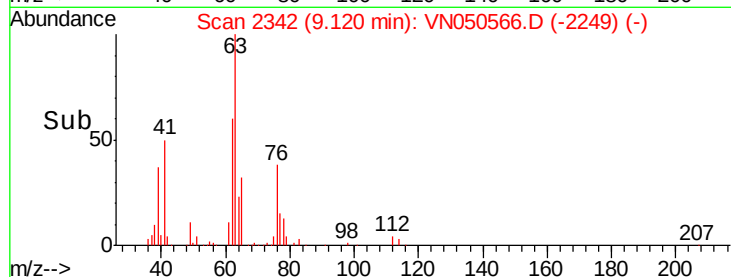
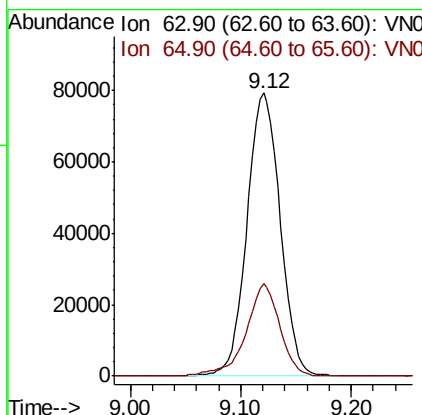
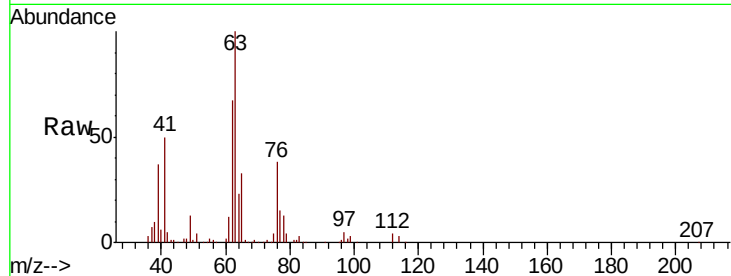




#45
 1,2-Dichloropropane
 Concen: 19.89 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

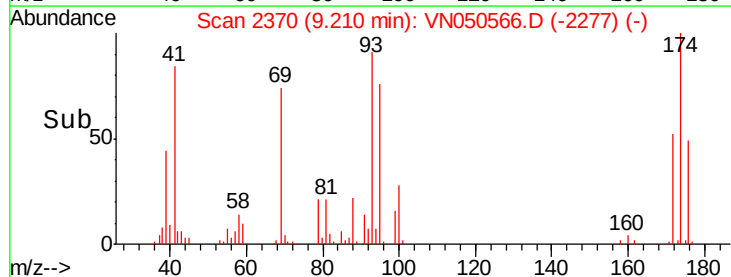
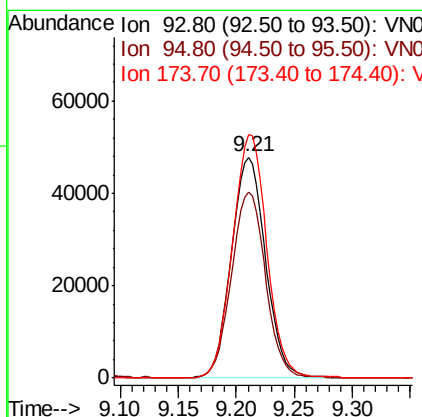
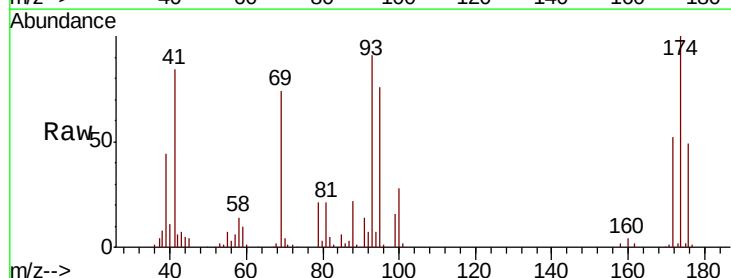
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

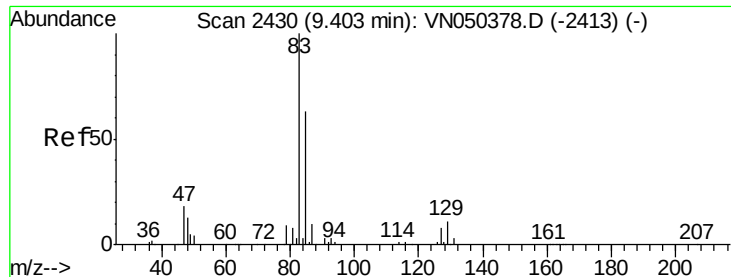
Tot Ion: 63 Resp: 165058
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.5 38.3



#46
 Dibromomethane
 Concen: 19.13 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion: 93 Resp: 97996
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.6 100.0
 174 109.8 87.1 130.7





#47

Bromodichloromethane

Concen: 19.31 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

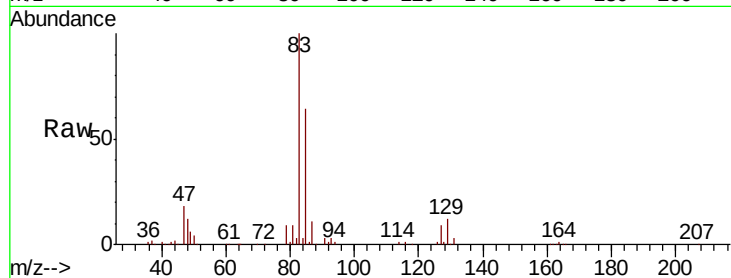
Tot Ion: 83 Resp: 204940

Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

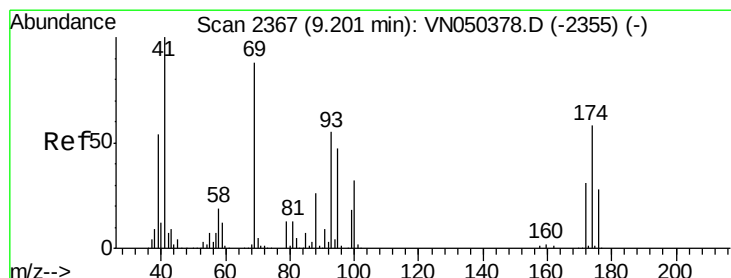
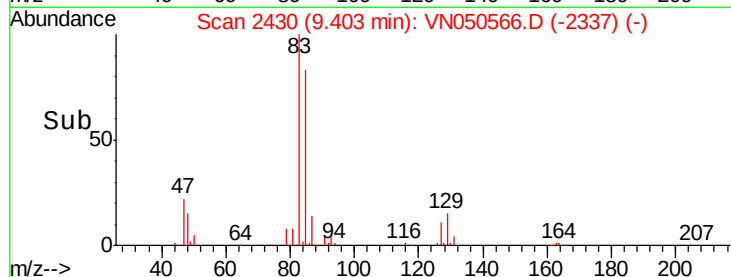
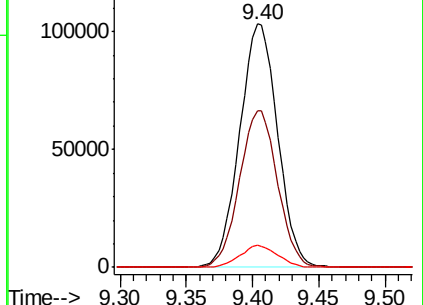
127 8.9 7.0 10.4



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): VN0



#48

Methyl methacrylate

Concen: 16.73 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

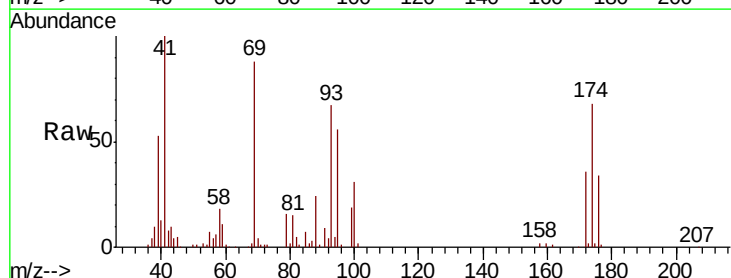
Tgt Ion: 41 Resp: 107018

Ion Ratio Lower Upper

41 100

69 90.0 70.6 105.8

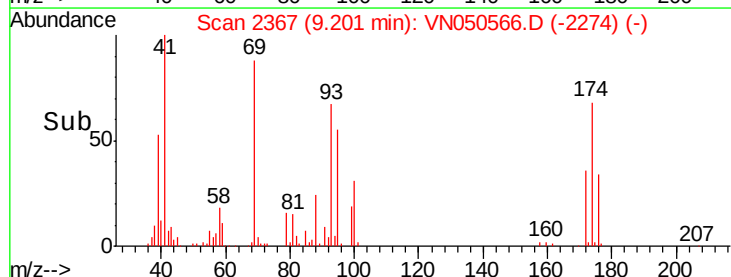
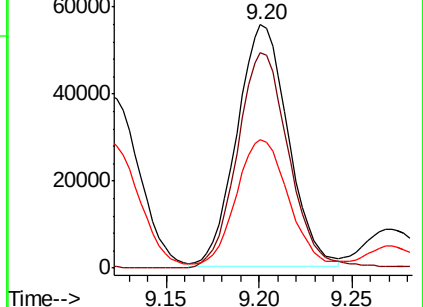
39 54.4 43.9 65.9

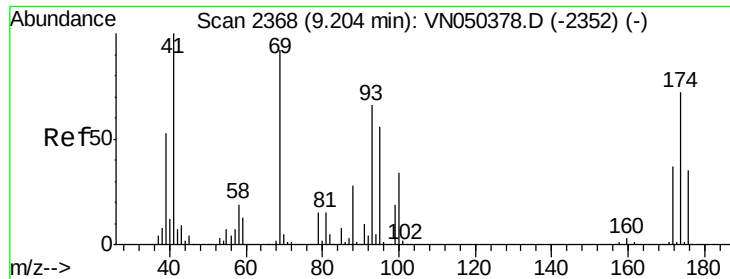


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 290.84 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

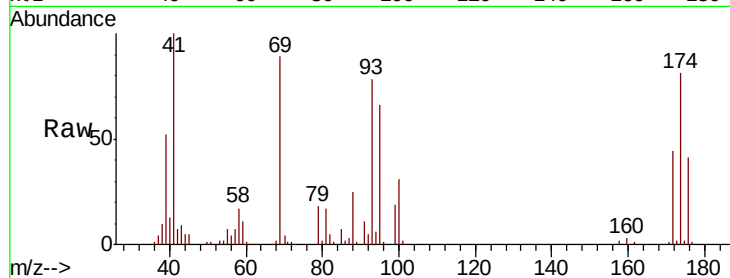
Tot Ion: 88 Resp: 28675

Ion Ratio Lower Upper

88 100

43 34.0 26.9 40.3

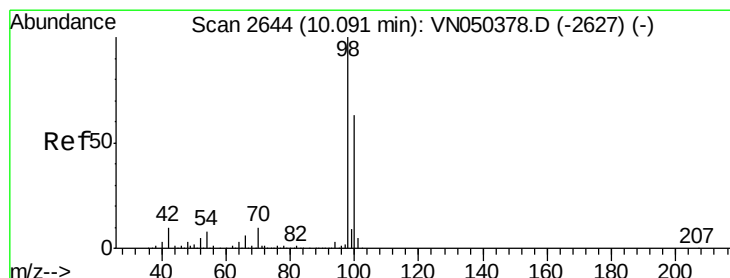
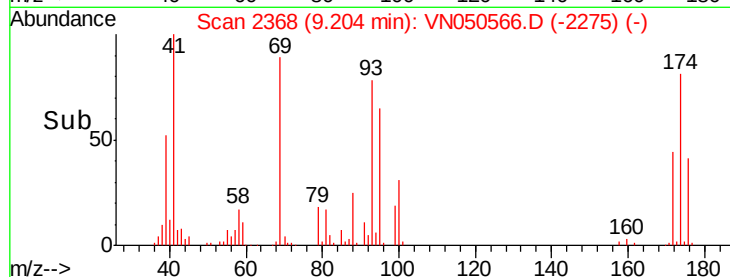
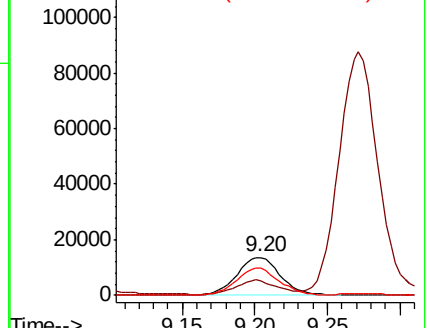
58 70.4 57.3 85.9



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: 46.45 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050566.D

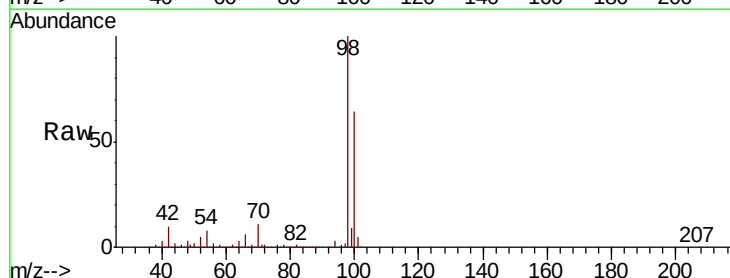
Acq: 13 Aug 2018 14:19

Tgt Ion: 98 Resp: 1309274

Ion Ratio Lower Upper

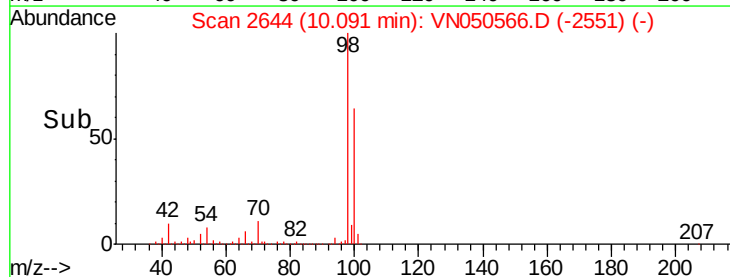
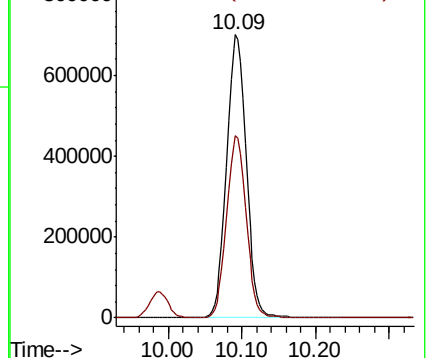
98 100

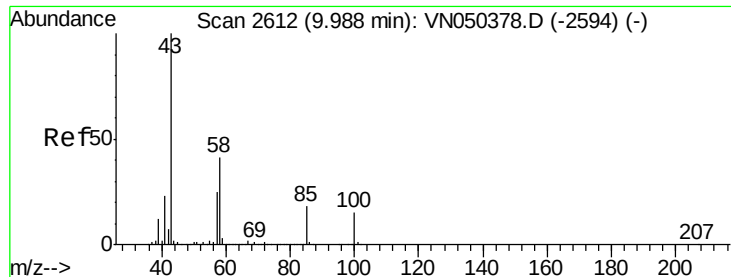
100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

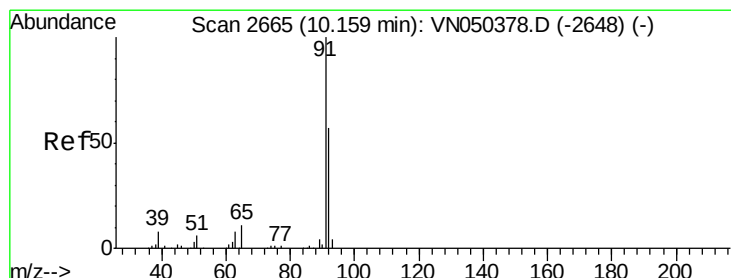
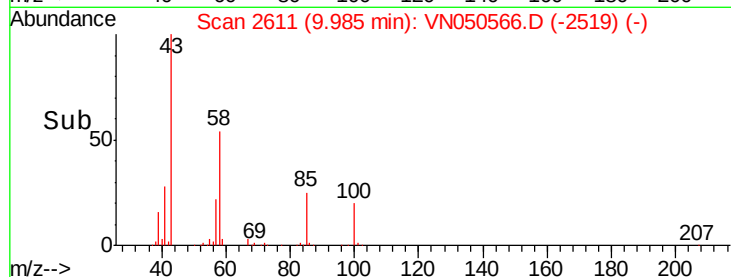
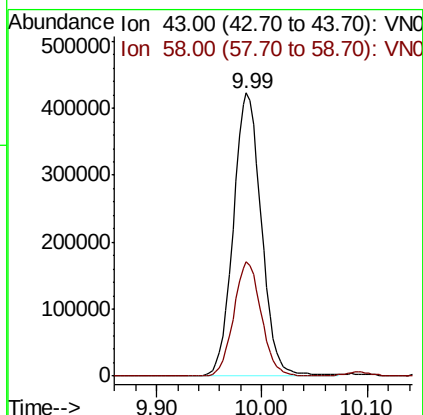
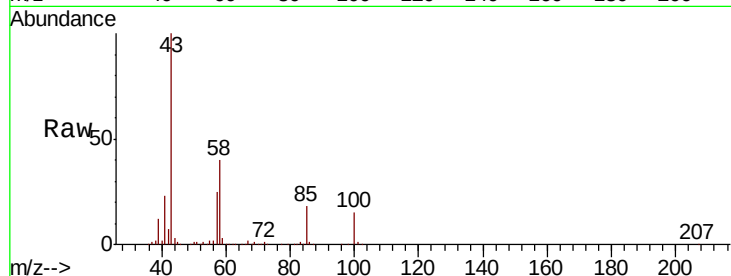




#51
 4-Methyl-2-Pentanone
 Concen: 84.46 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

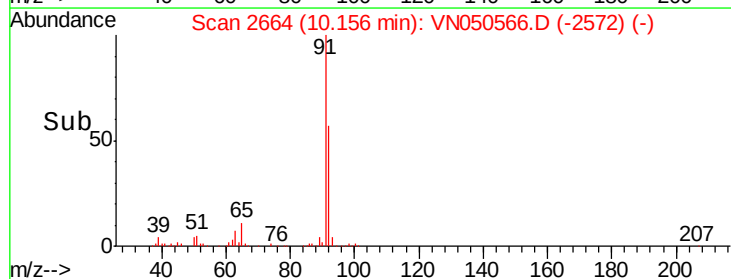
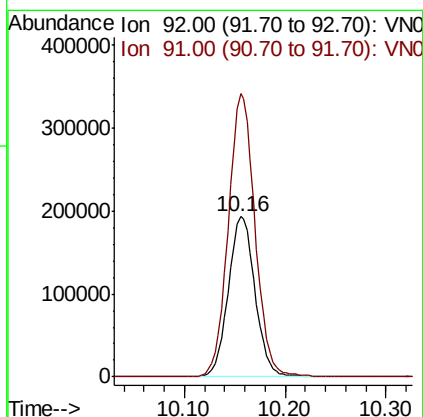
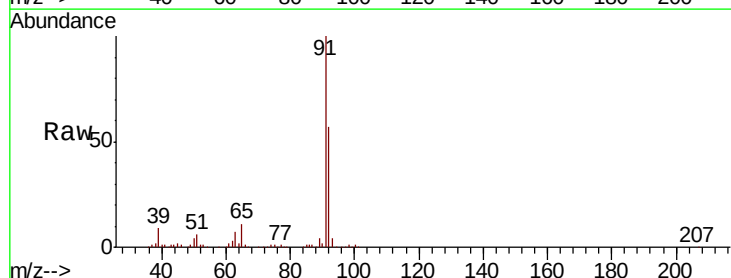
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

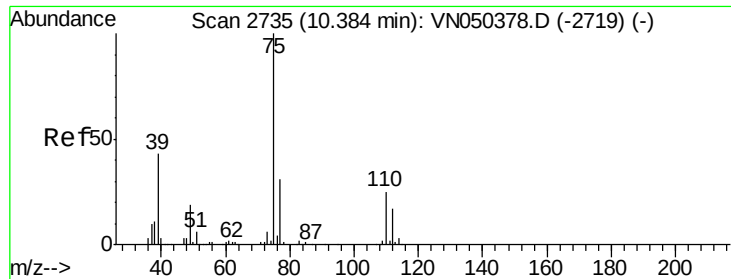
Tot Ion: 43 Resp: 776245
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.9 47.9



#52
 Toluene
 Concen: 18.81 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion: 92 Resp: 356656
 Ion Ratio Lower Upper
 92 100
 91 177.3 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 18.39 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

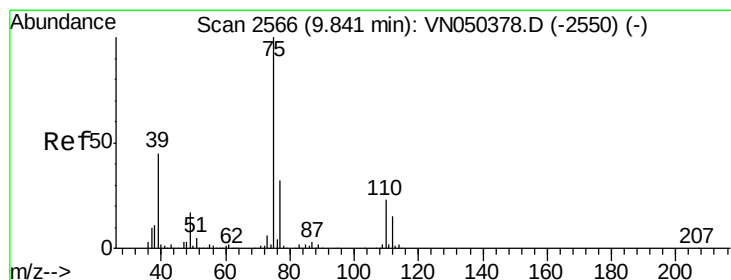
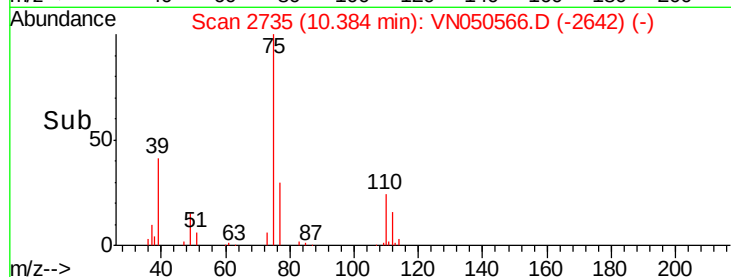
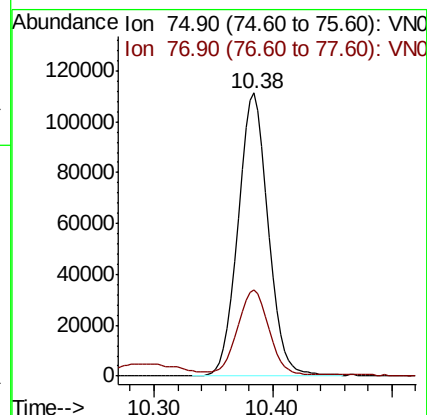
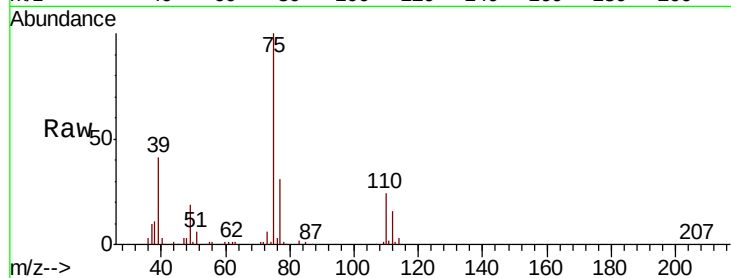
VN0813WBSD01

Tot Ion: 75 Resp: 195969

Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.67 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

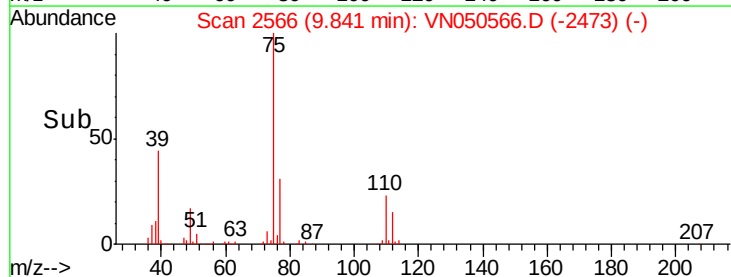
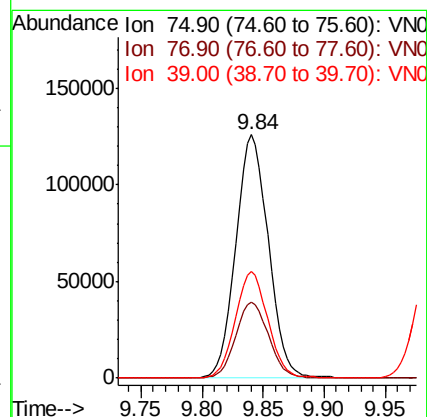
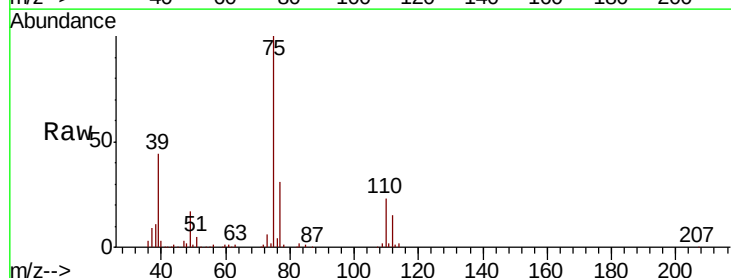
Tgt Ion: 75 Resp: 233931

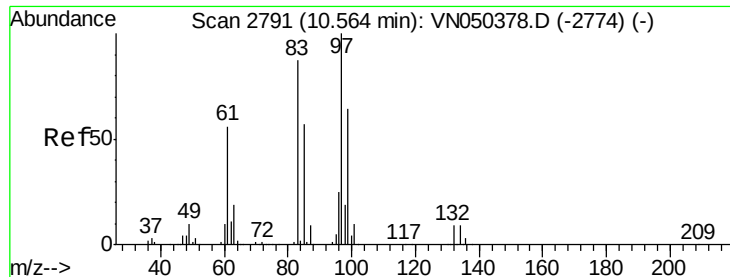
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 43.8 36.6 55.0

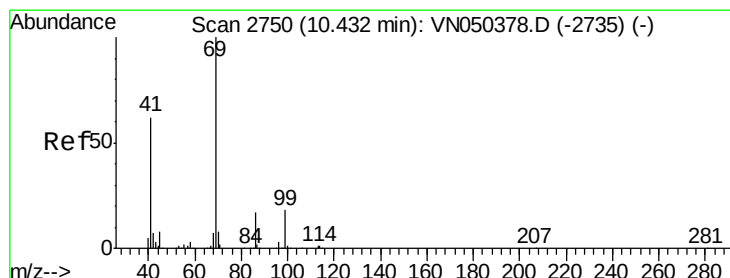
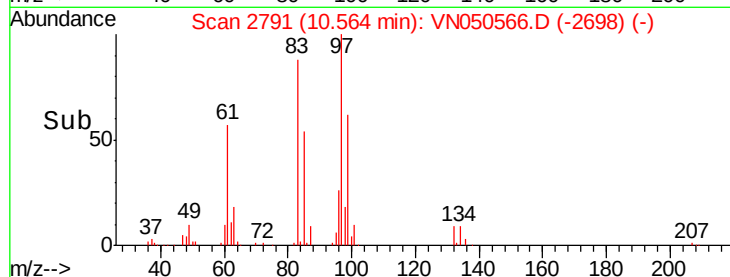
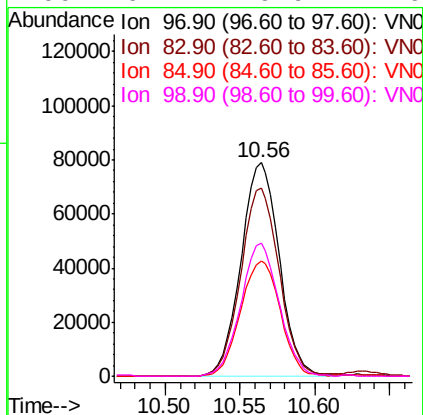
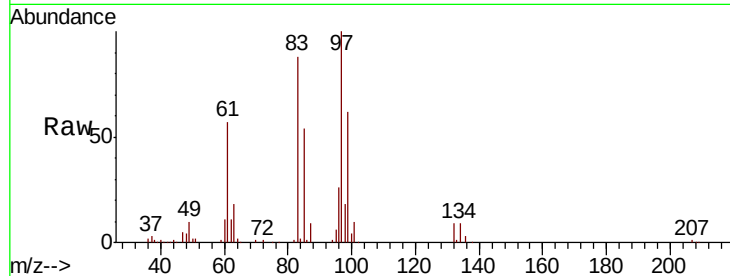




#55
 1,1,2-Trichloroethane
 Concen: 19.04 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

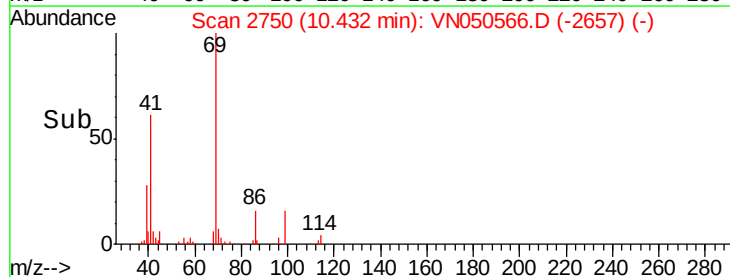
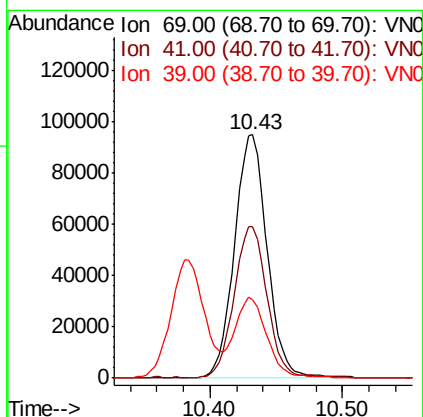
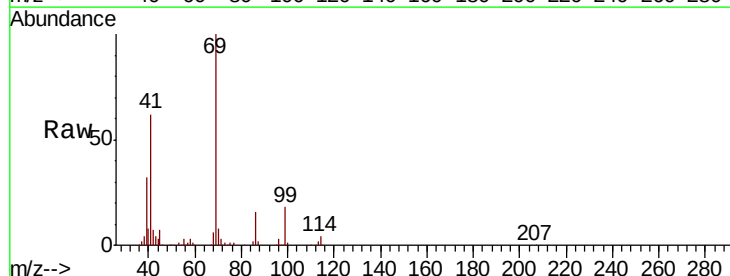
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

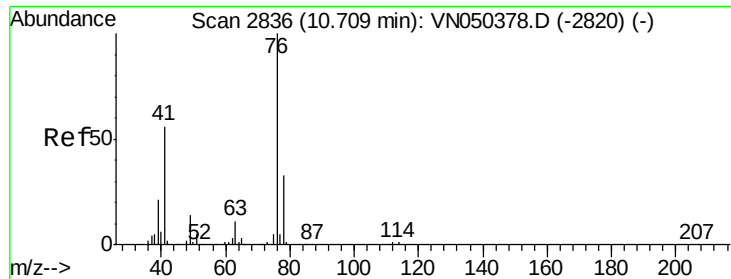
Tot Ion	97	Resp	140924
Ion Ratio	Lower	Upper	
97	100		
83	87.9	69.2	103.8
85	54.0	44.0	66.0
99	62.4	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 16.70 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion	69	Resp	162596
Ion Ratio	Lower	Upper	
69	100		
41	62.1	51.0	76.4
39	32.2	26.6	40.0

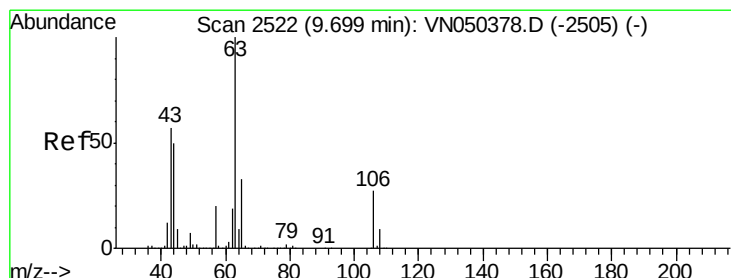
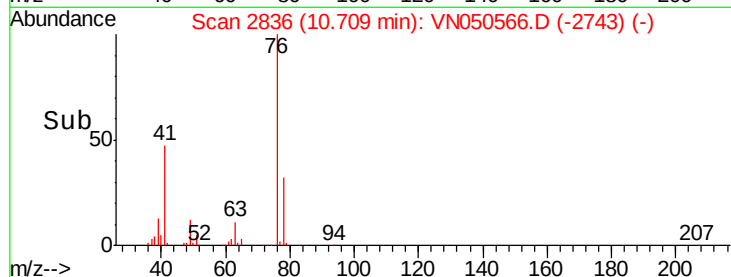
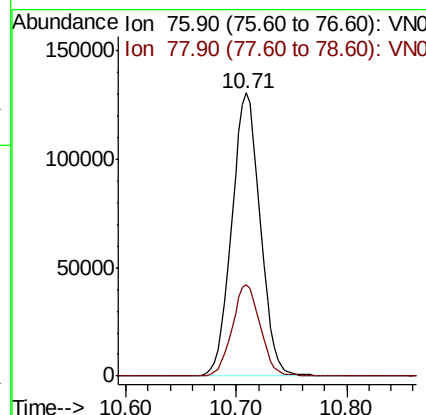
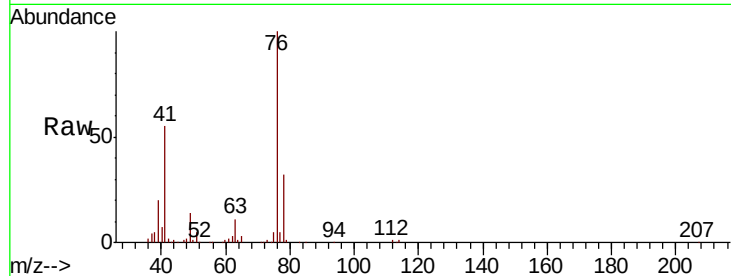




#57
 1,3-Dichloropropane
 Concen: 19.23 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

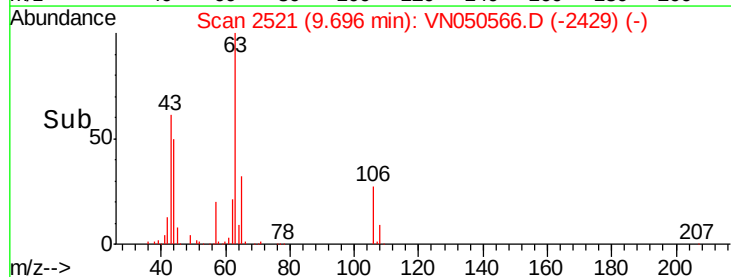
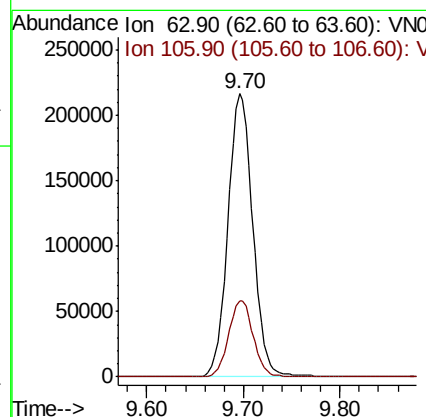
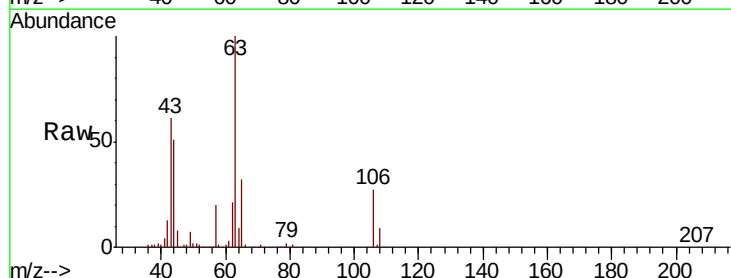
Instrument :
 MSVOA_N
 ClientSampled :
 VN0813WBSD01

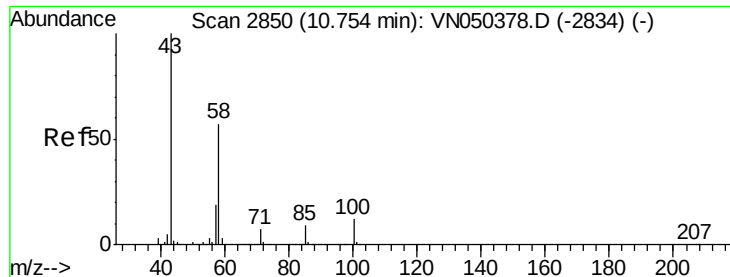
Tot Ion: 76 Resp: 233613
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.22 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion: 63 Resp: 386509
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.7 32.5

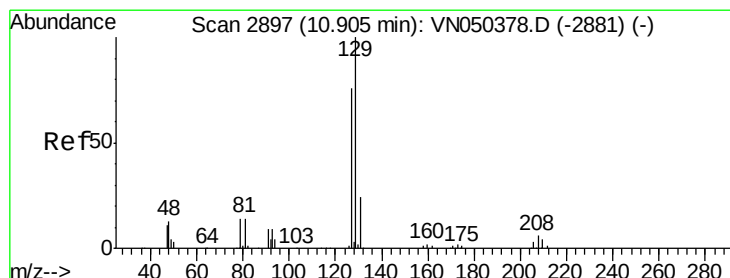
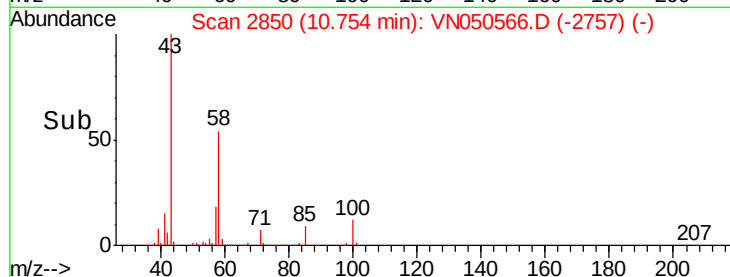
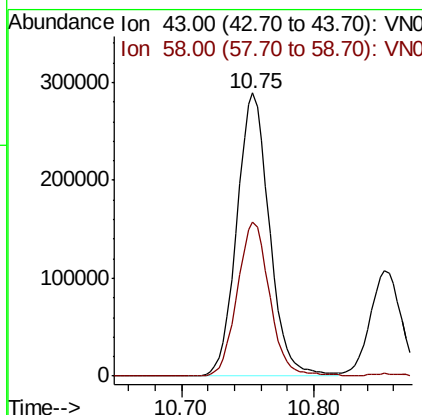
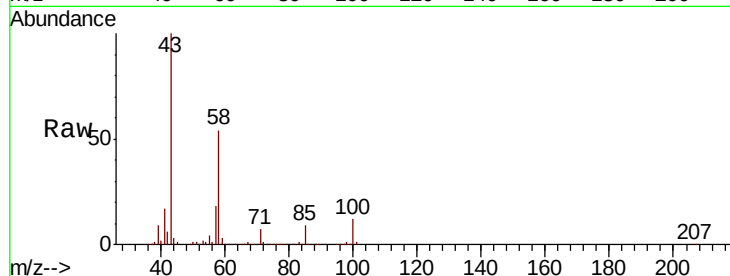




#59
2-Hexanone
Concen: 76.65 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

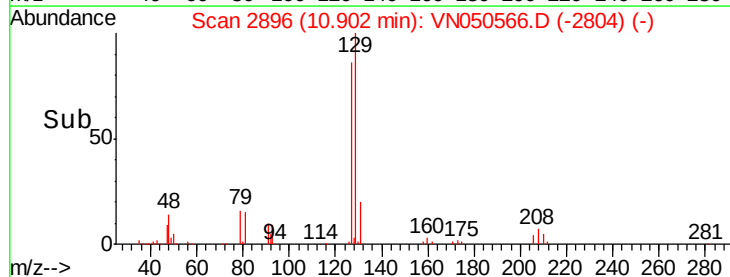
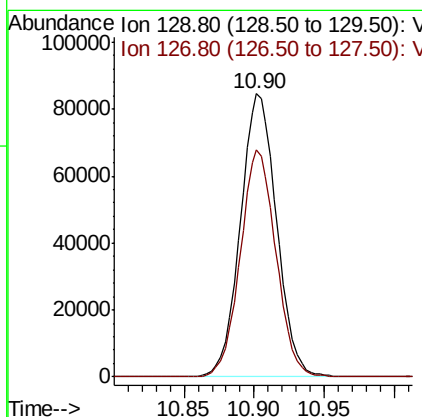
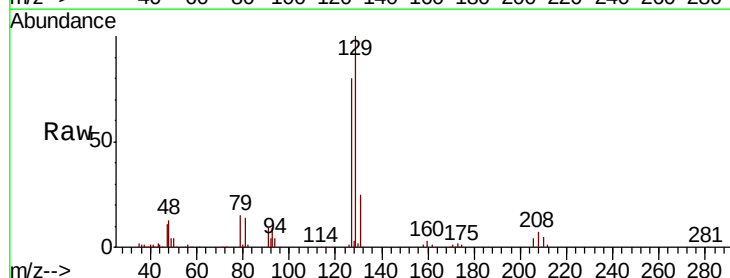
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

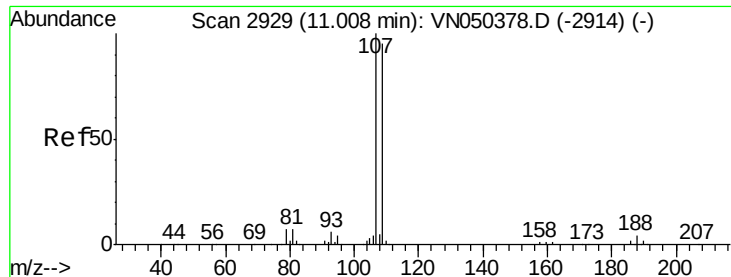
Tot Ion: 43 Resp: 491685
Ion Ratio Lower Upper
43 100
58 54.4 27.6 82.7



#60
Dibromochloromethane
Concen: 18.68 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 129 Resp: 152319
Ion Ratio Lower Upper
129 100
127 78.9 38.0 113.9

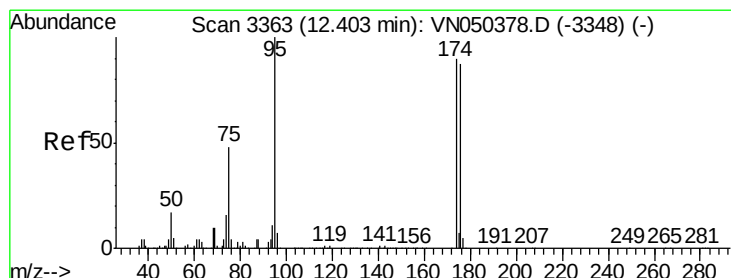
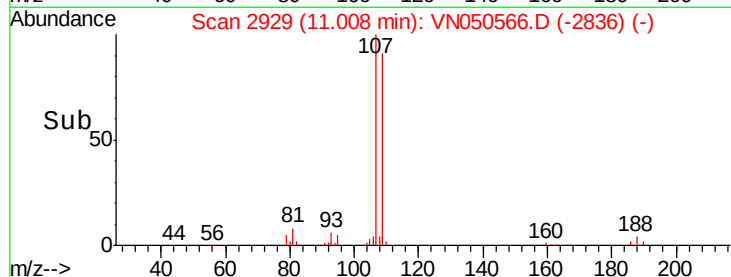
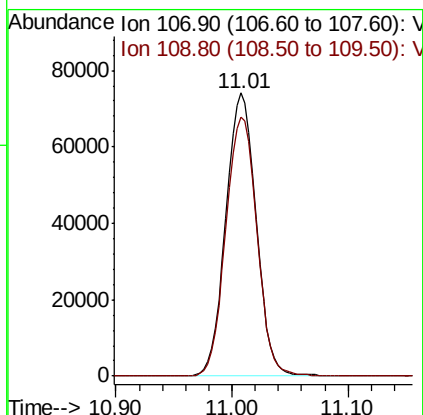
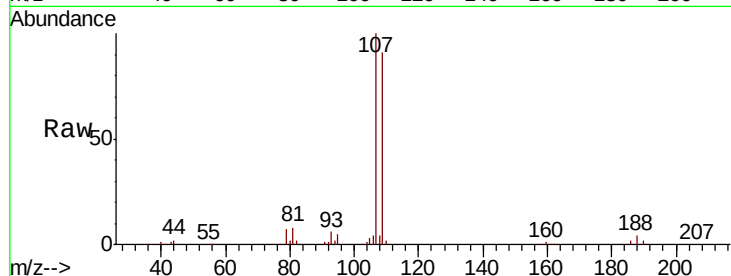




#61
 1,2-Dibromoethane
 Concen: 18.33 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

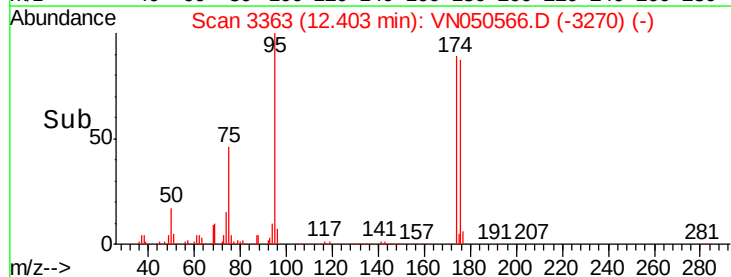
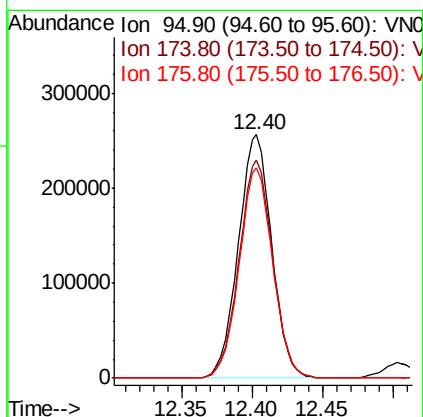
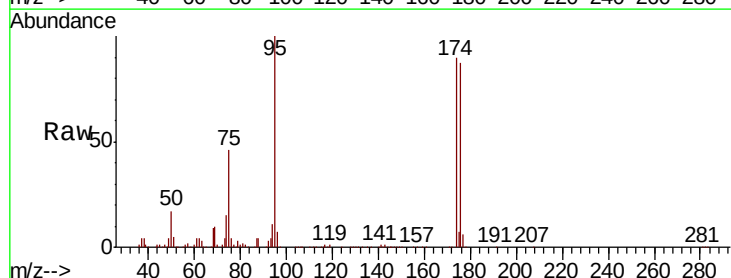
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

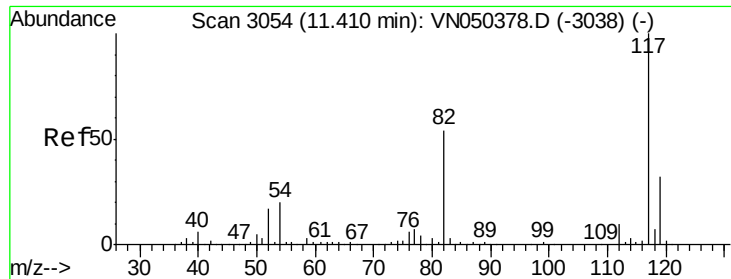
Tot Ion:107 Resp: 133714
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 44.22 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion: 95 Resp: 424770
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 178.2
 176 86.8 0.0 173.4

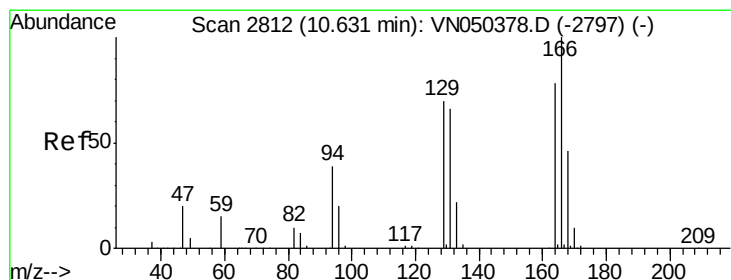
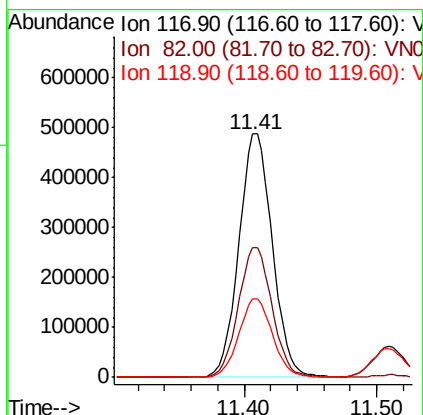
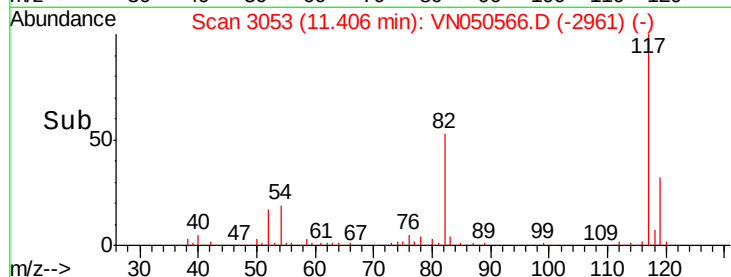
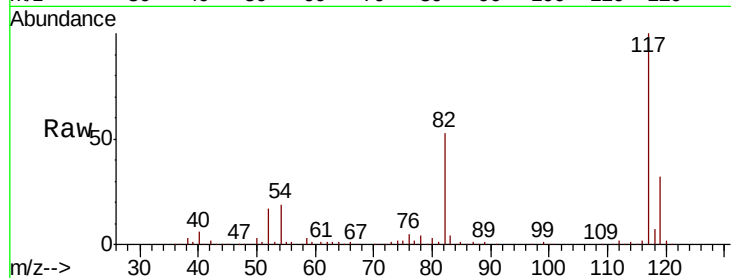




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

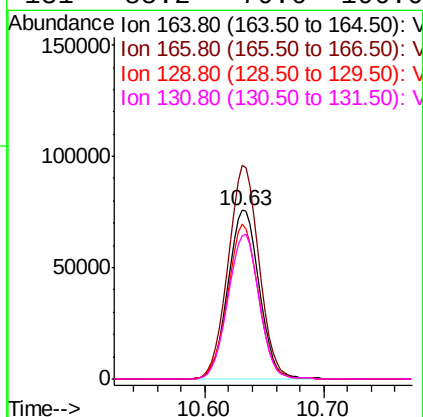
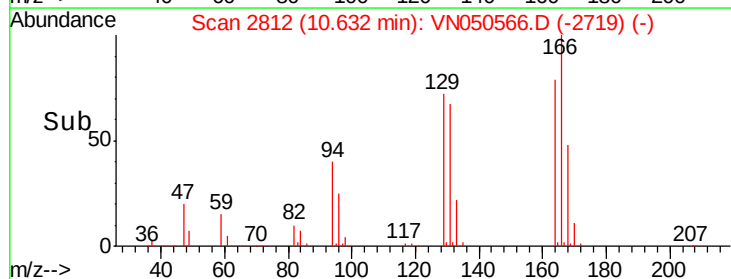
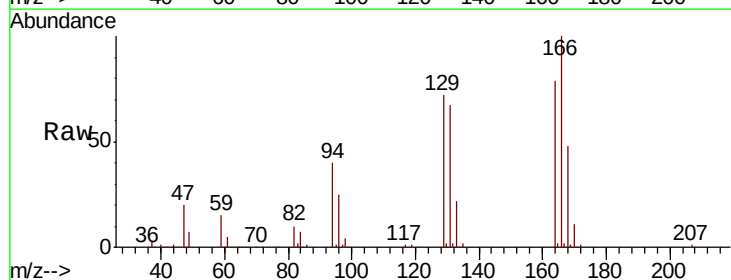
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

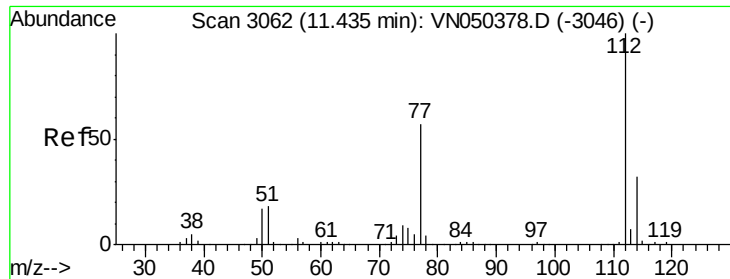
Tot Ion:117 Resp: 855218
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.3 26.1 39.1



#64
Tetrachloroethene
Concen: 17.32 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion:164 Resp: 138437
Ion Ratio Lower Upper
164 100
166 126.4 102.1 153.1
129 91.5 73.2 109.8
131 85.2 70.6 106.0

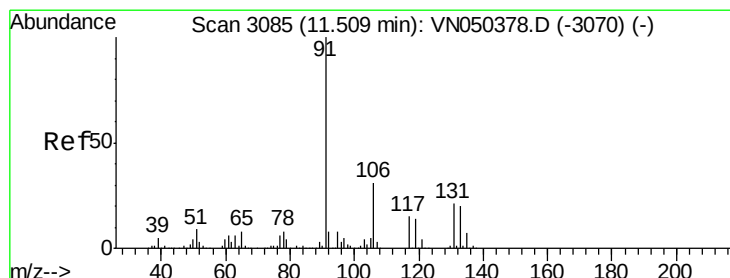
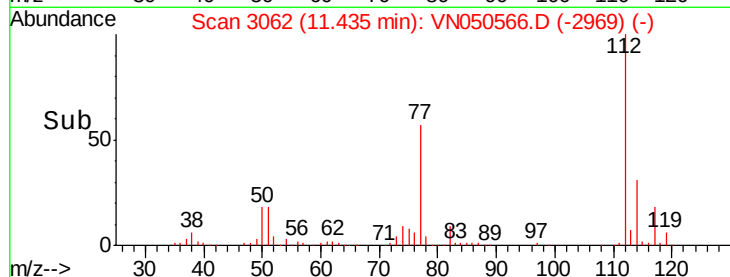
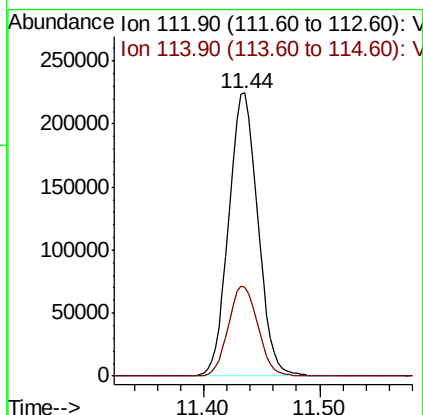
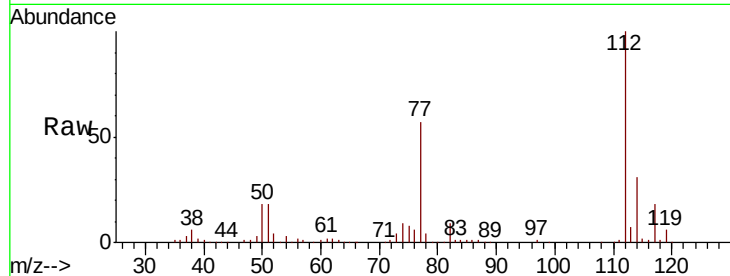




#65
Chlorobenzene
Concen: 18.21 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

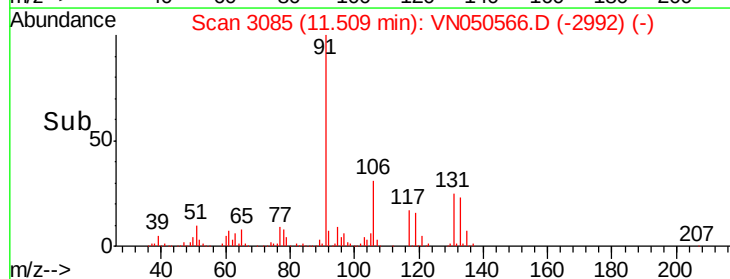
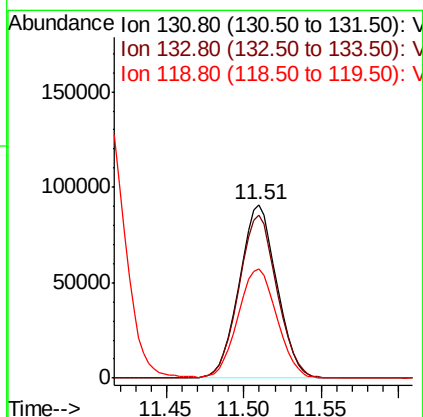
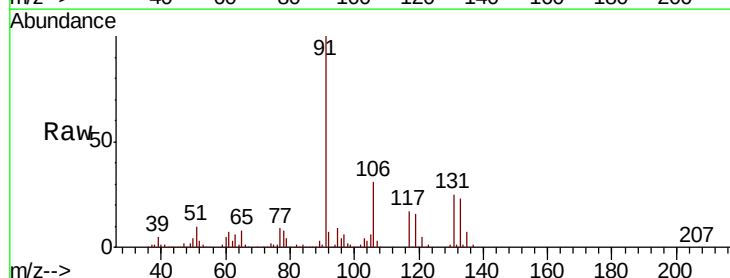
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

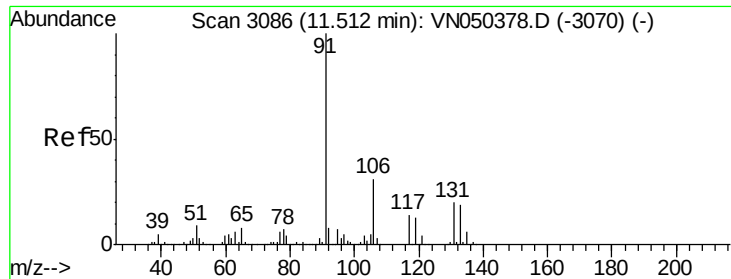
Tot Ion:112 Resp: 390451
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.66 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion:131 Resp: 153414
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 65.5 32.9 98.7

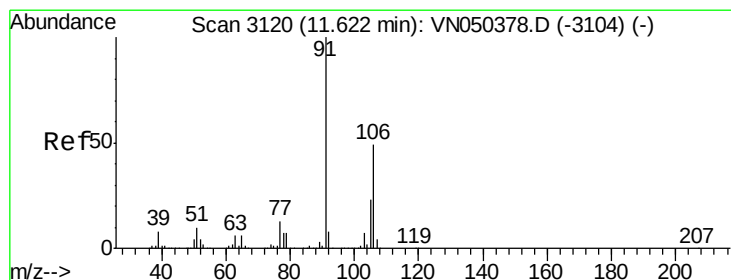
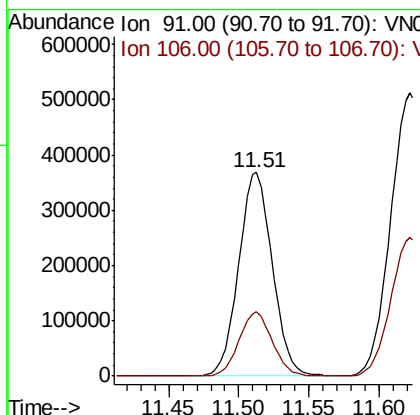
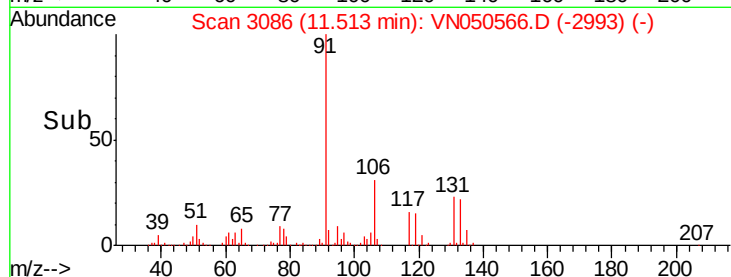
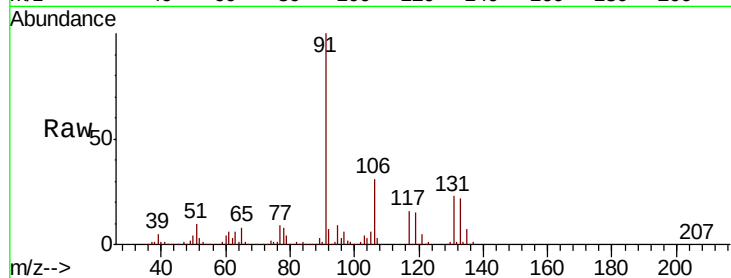




#67
Ethyl Benzene
Concen: 17.78 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

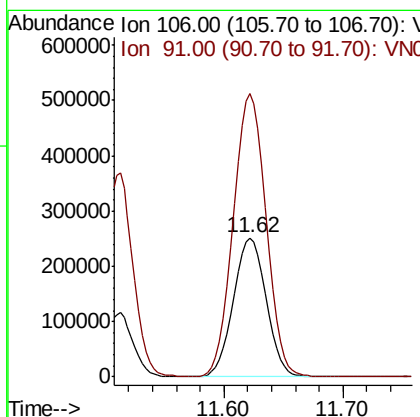
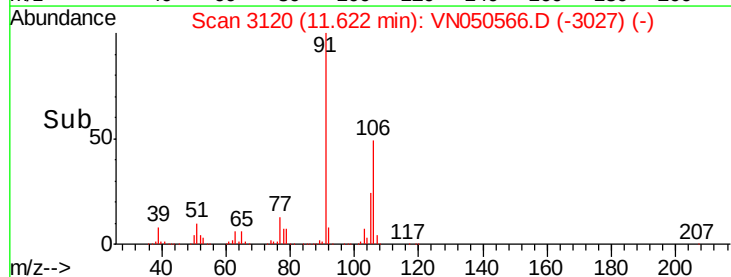
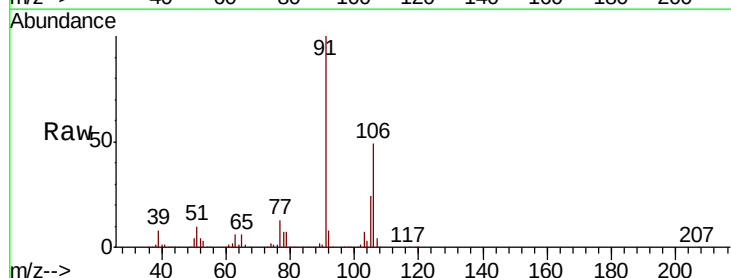
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

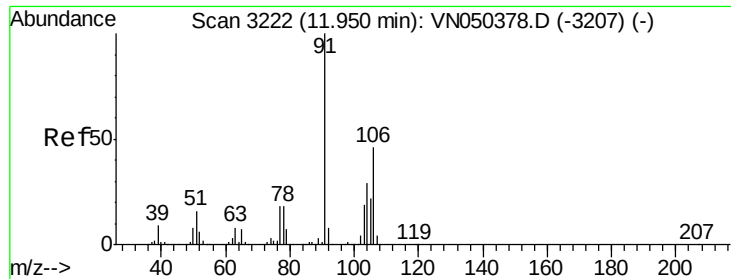
Tot Ion: 91 Resp: 616352
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 36.42 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 106 Resp: 480507
Ion Ratio Lower Upper
106 100
91 204.1 162.2 243.2

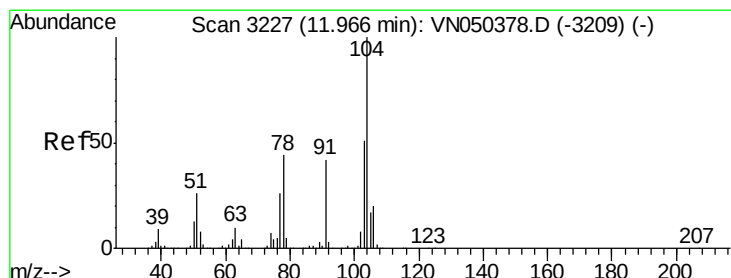
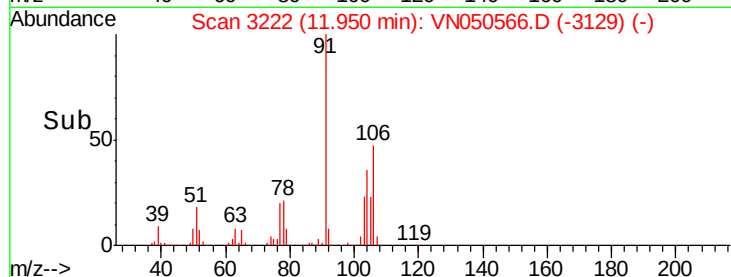
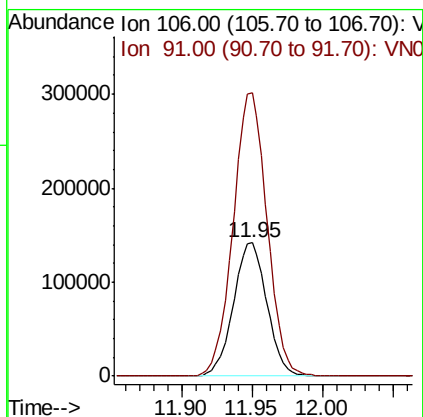
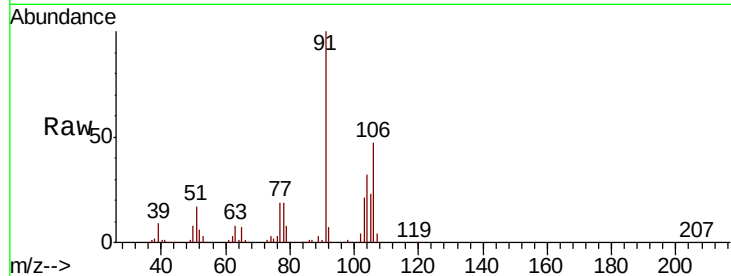




#69
o-Xylene
Concen: 18.57 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

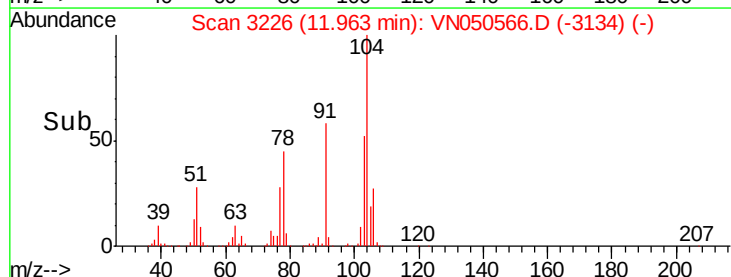
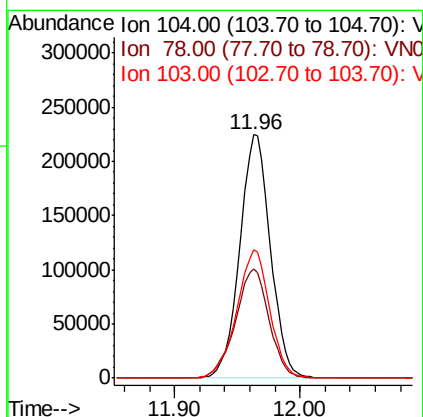
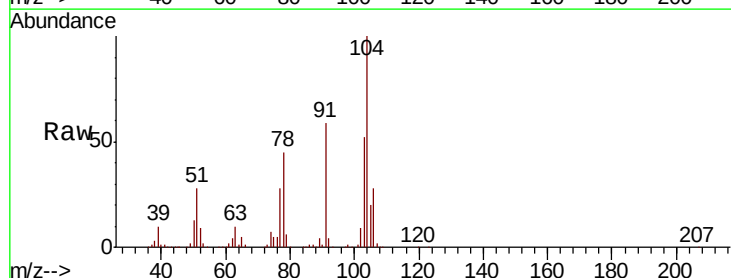
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

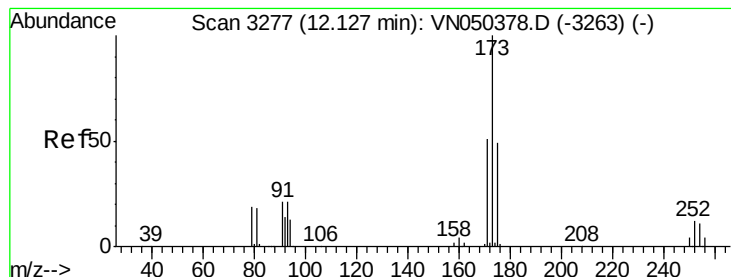
Tot Ion:106 Resp: 236045
Ion Ratio Lower Upper
106 100
91 214.9 107.7 323.1



#70
Styrene
Concen: 18.51 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion:104 Resp: 382475
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 56.6 45.0 67.6





#71

Bromoform

Concen: 17.55 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

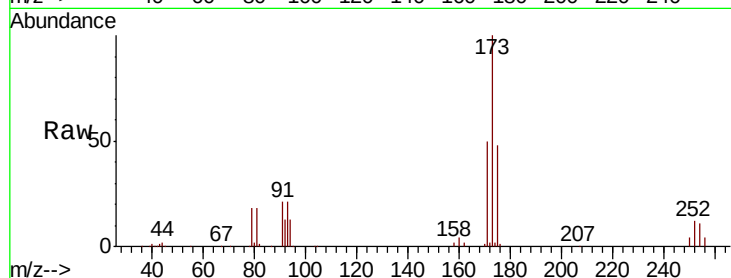
Tot Ion:173 Resp: 100104

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.2

254 0.1 0.2 0.2#

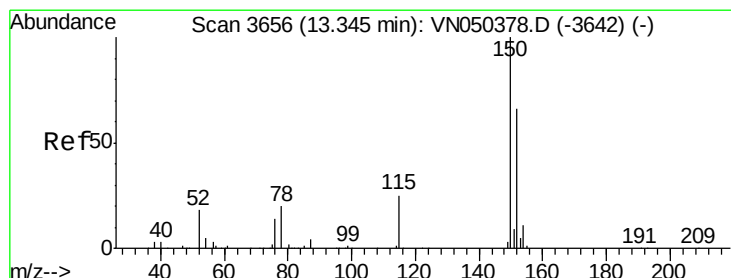
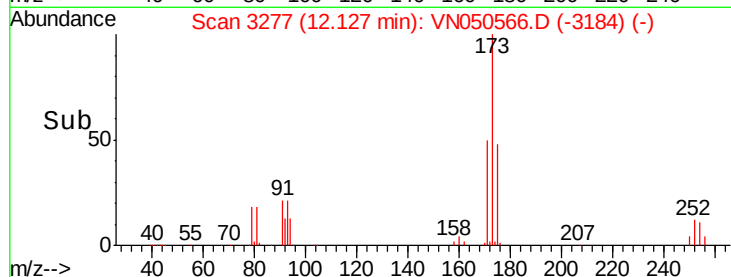
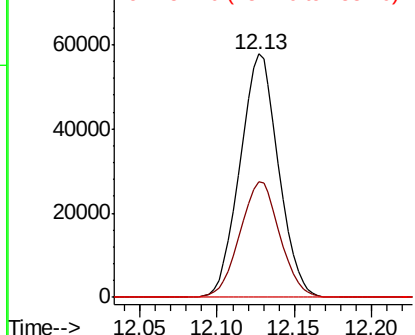


Abundance

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: VN050566.D

Acq: 13 Aug 2018 14:19

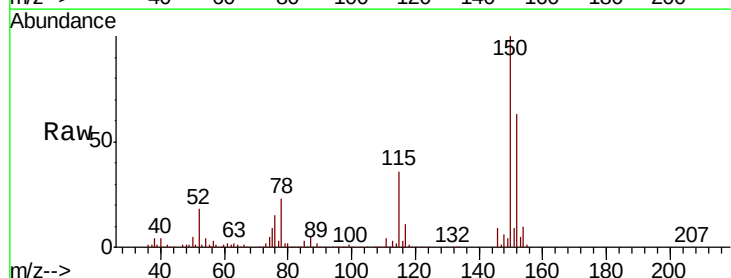
Tgt Ion:152 Resp: 409971

Ion Ratio Lower Upper

152 100

115 57.3 27.8 83.3

150 163.5 0.0 348.6

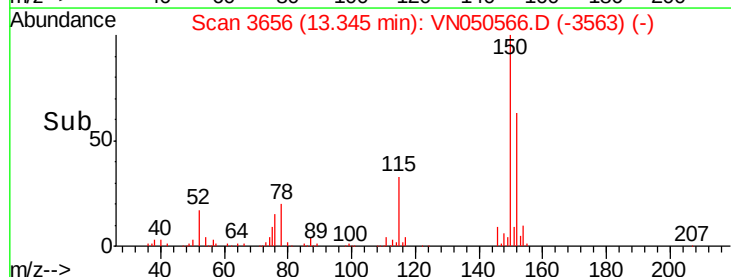
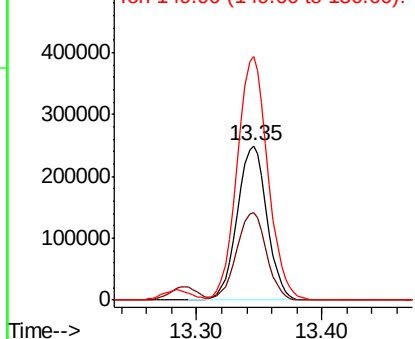


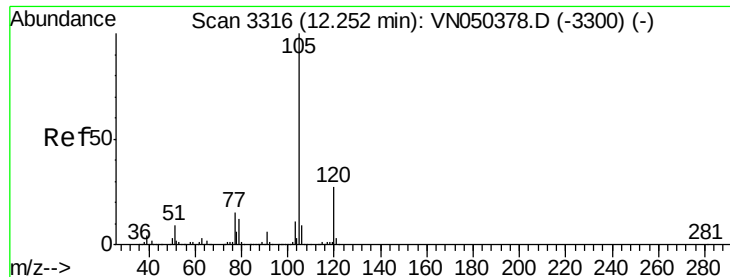
Abundance

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: 19.23 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

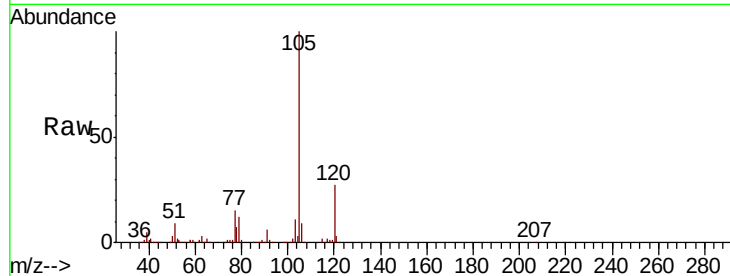
VN0813WBSD01

Tot Ion:105 Resp: 591906

Ion Ratio Lower Upper

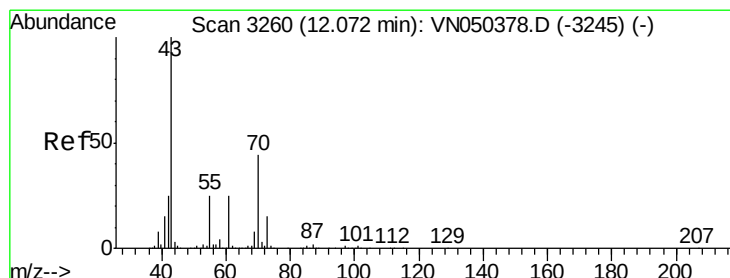
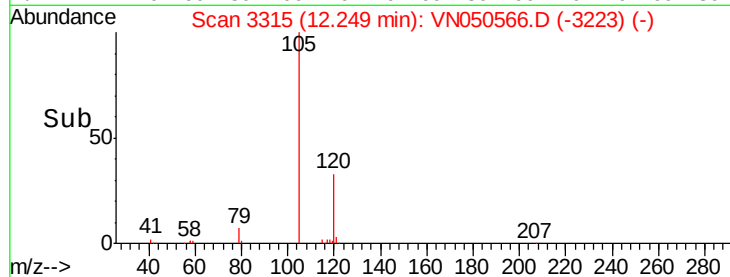
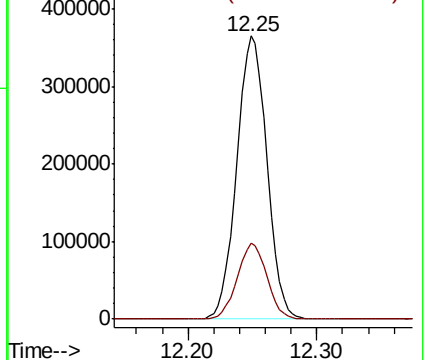
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.07 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Tgt Ion: 43 Resp: 170274

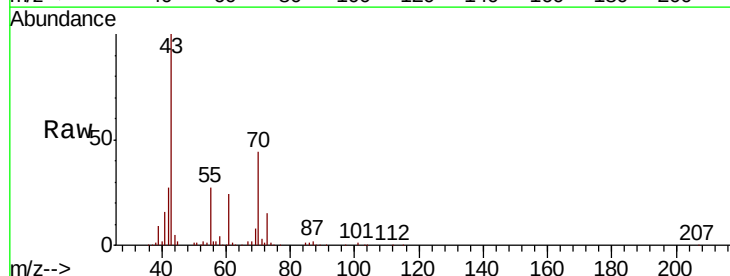
Ion Ratio Lower Upper

43 100

70 43.8 34.4 51.6

55 27.3 20.8 31.2

61 24.1 19.7 29.5

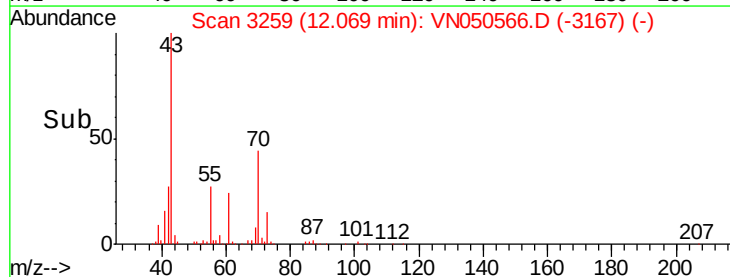
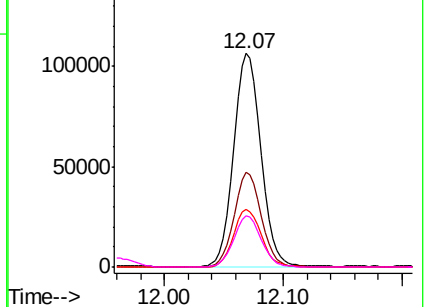


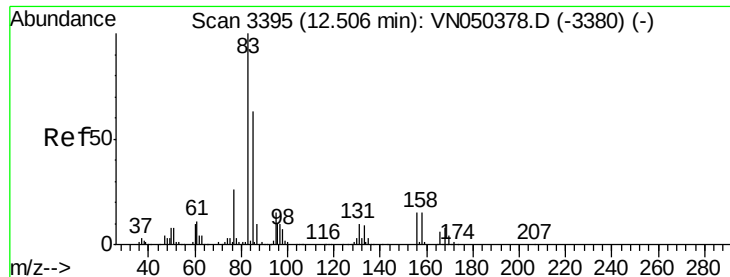
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.84 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampled :

VN0813WBSD01

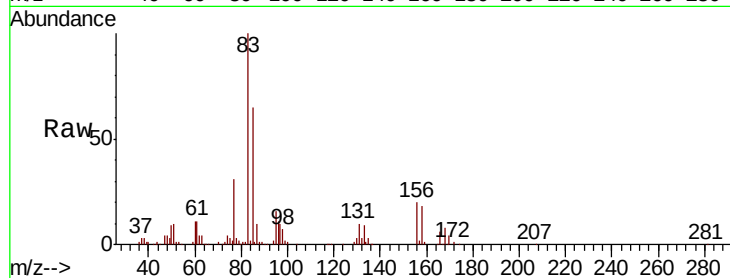
Tot Ion: 83 Resp: 167254

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

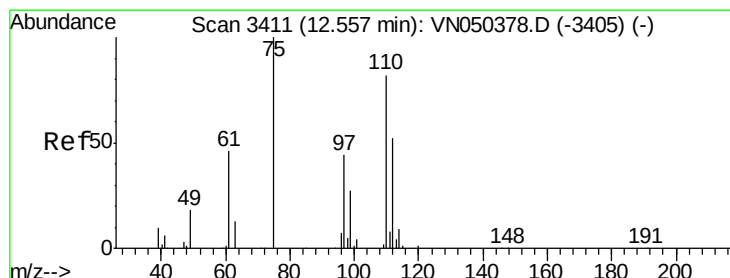
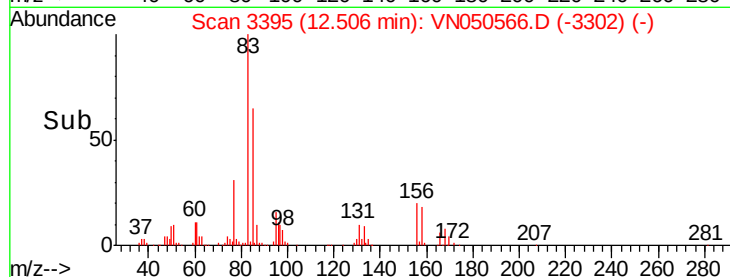
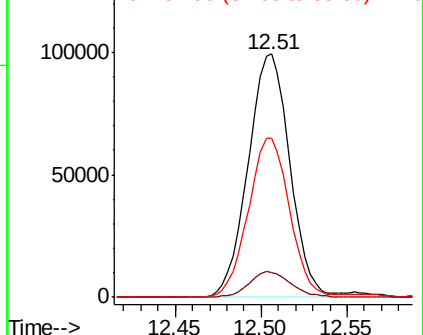
85 64.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.02 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050566.D

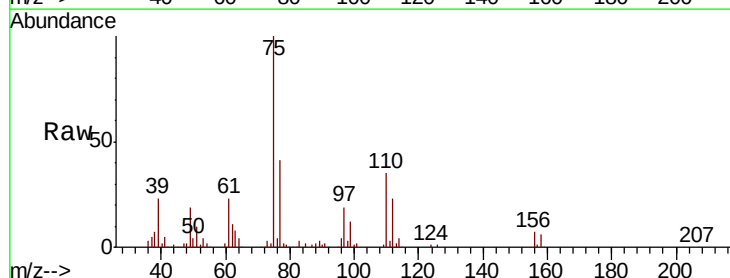
Acq: 13 Aug 2018 14:19

Tgt Ion: 75 Resp: 193095

Ion Ratio Lower Upper

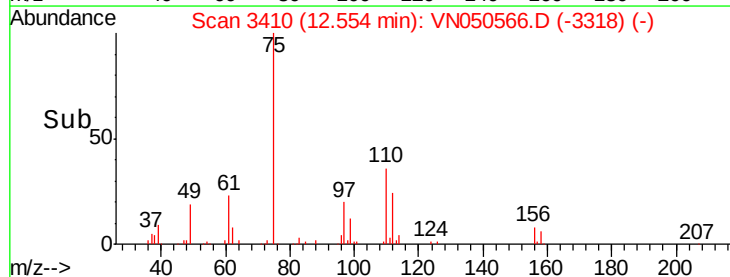
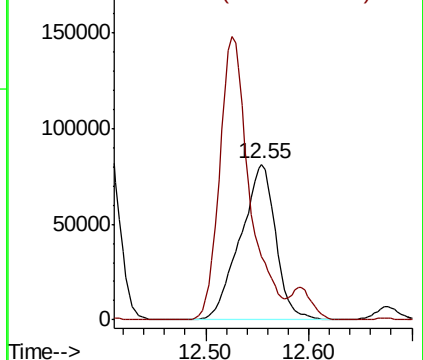
75 100

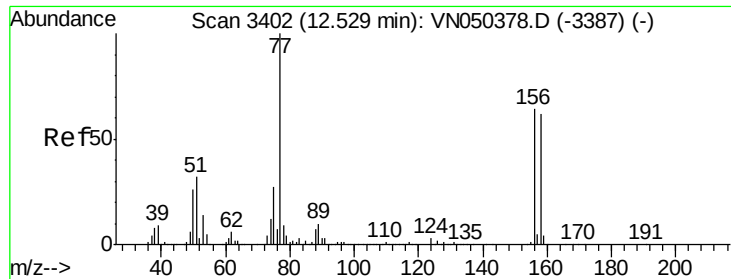
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.13 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

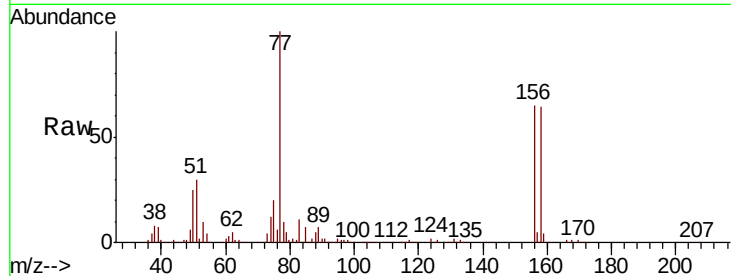
Tot Ion:156 Resp: 165989

Ion Ratio Lower Upper

156 100

77 180.2 91.7 275.1

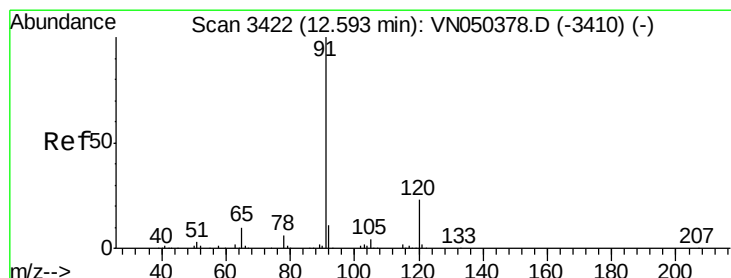
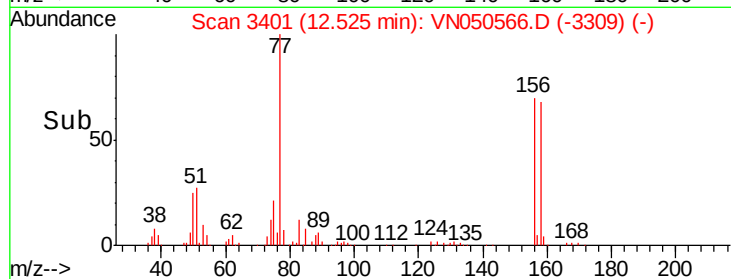
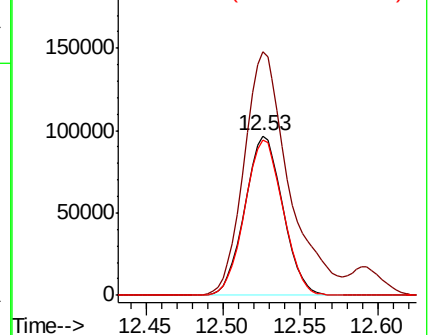
158 98.0 48.9 146.6



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: 18.86 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050566.D

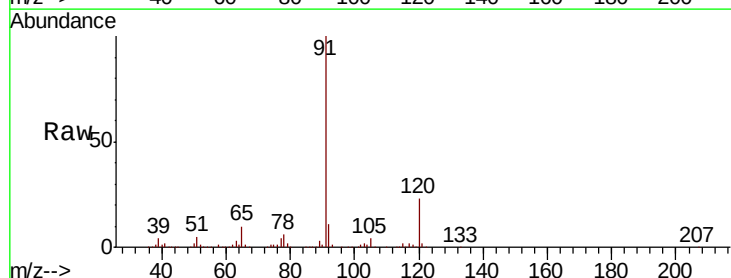
Acq: 13 Aug 2018 14:19

Tgt Ion: 91 Resp: 656824

Ion Ratio Lower Upper

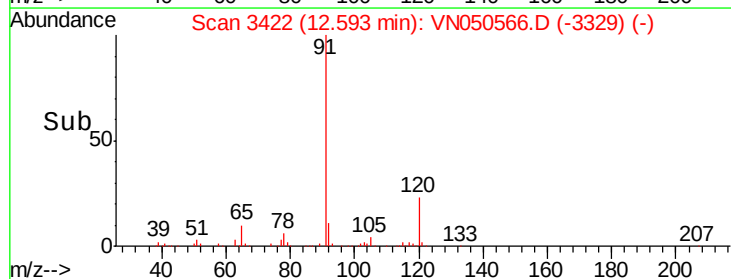
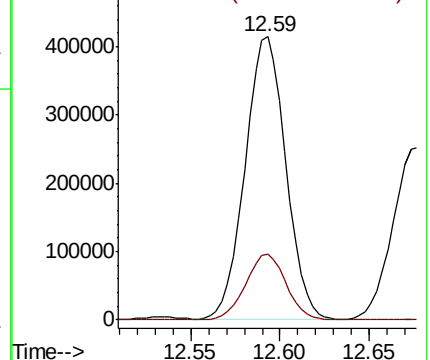
91 100

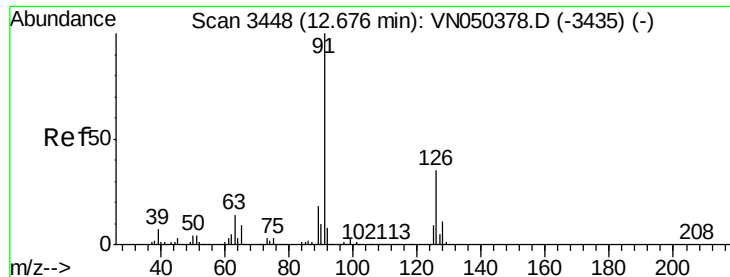
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.72 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampled :

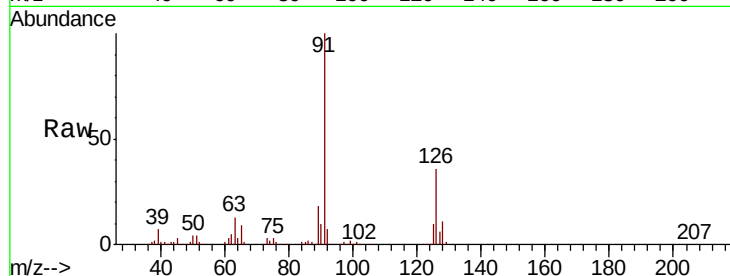
VN0813WBSD01

Tot Ion: 91 Resp: 424185

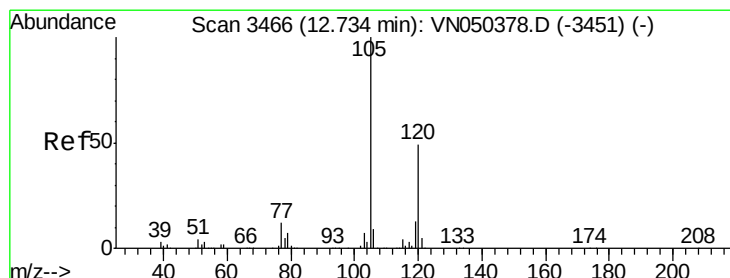
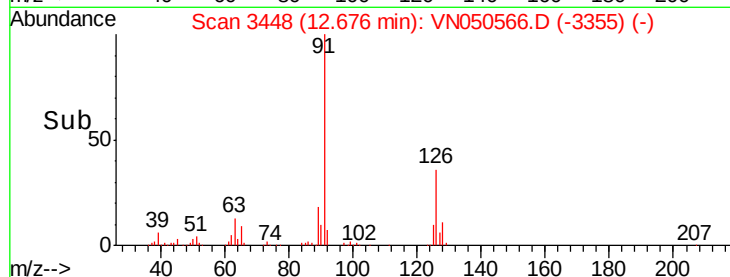
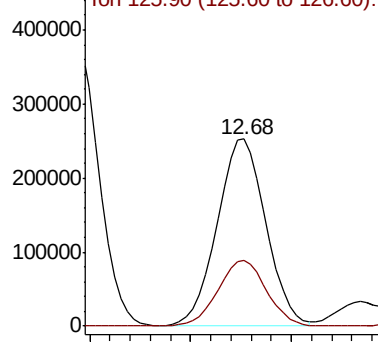
Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8



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



#80

1,3,5-Trimethylbenzene

Concen: 19.60 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050566.D

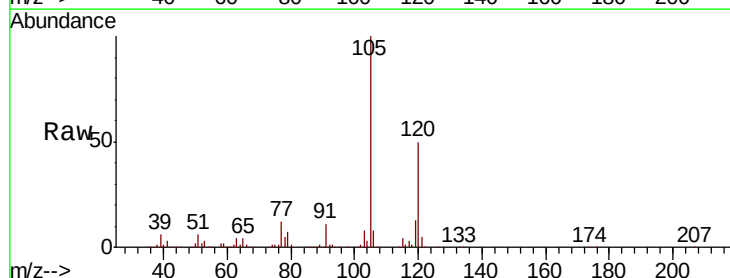
Acq: 13 Aug 2018 14:19

Tgt Ion: 105 Resp: 489714

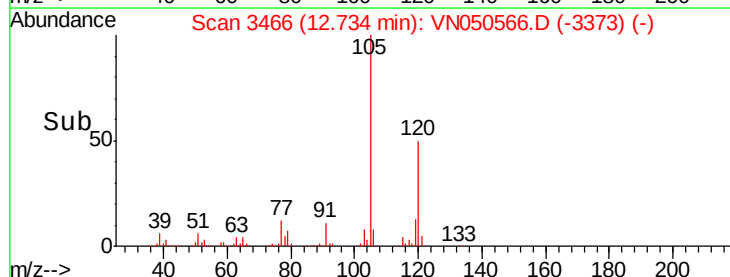
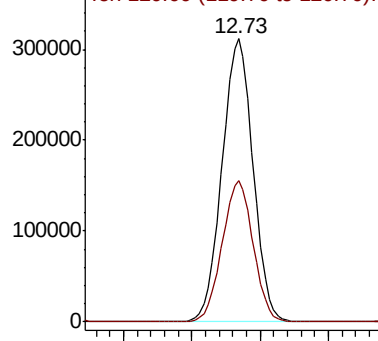
Ion Ratio Lower Upper

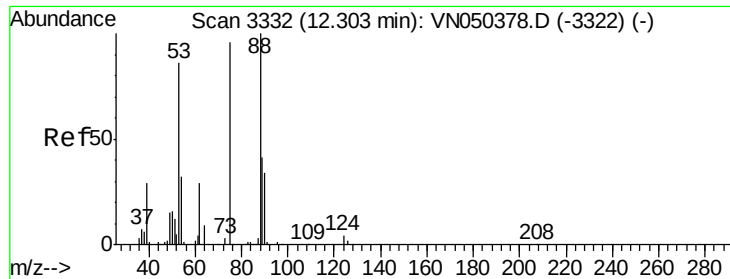
105 100

120 49.8 24.4 73.2



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

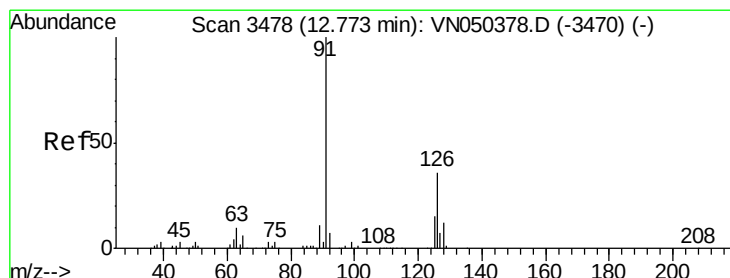
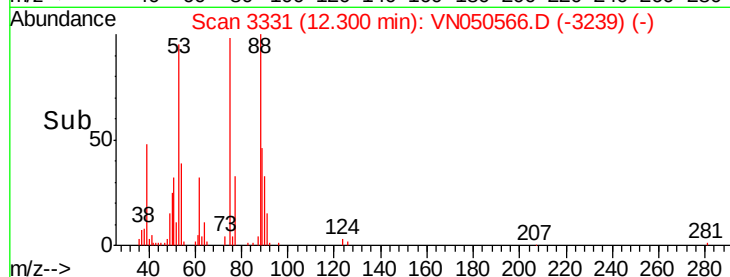
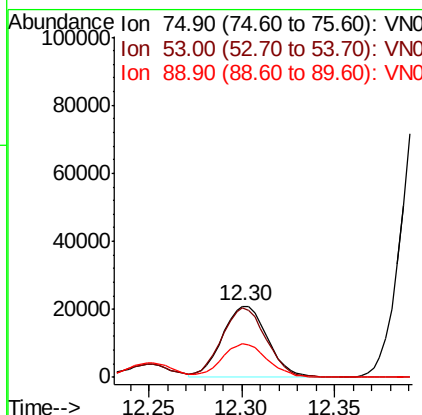
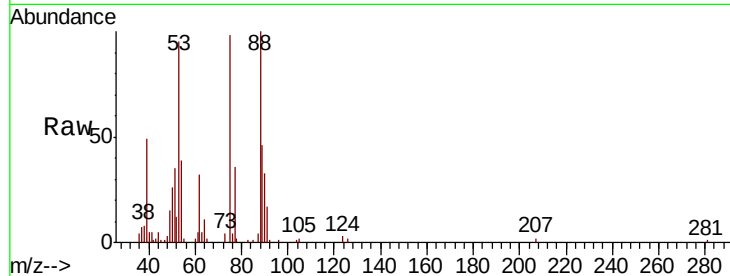




#81
trans-1,4-Dichloro-2-butene
Concen: 16.84 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

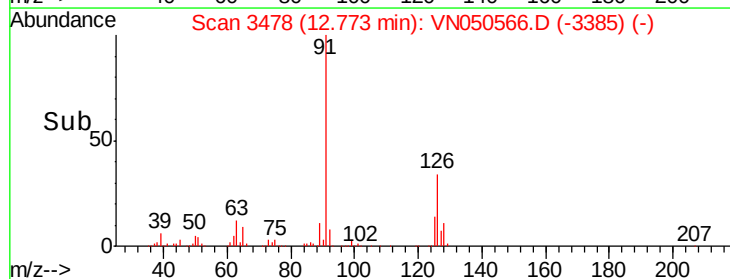
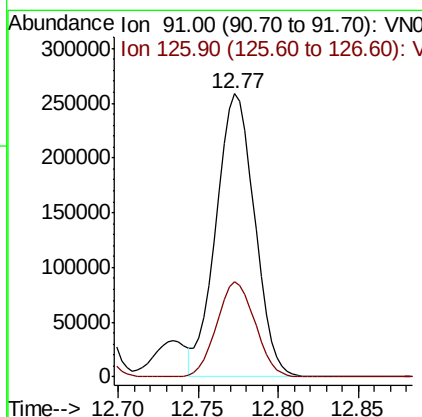
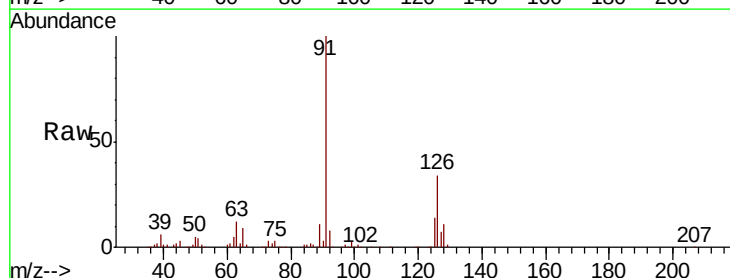
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

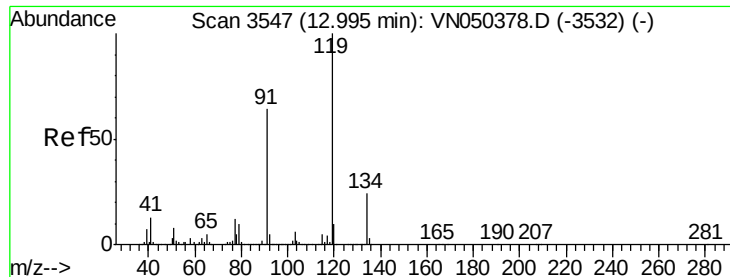
Tot Ion: 75 Resp: 35572
Ion Ratio Lower Upper
75 100
53 96.2 73.5 110.3
89 46.7 36.0 54.0



#82
4-Chlorotoluene
Concen: 19.92 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 91 Resp: 427346
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0

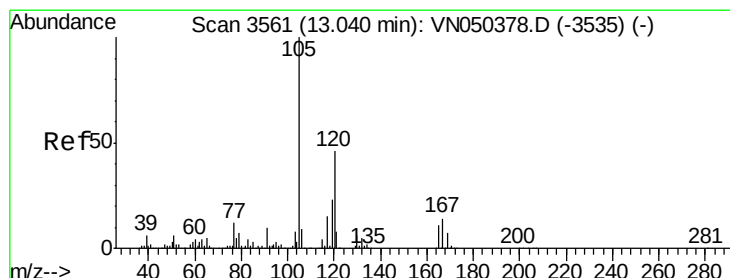
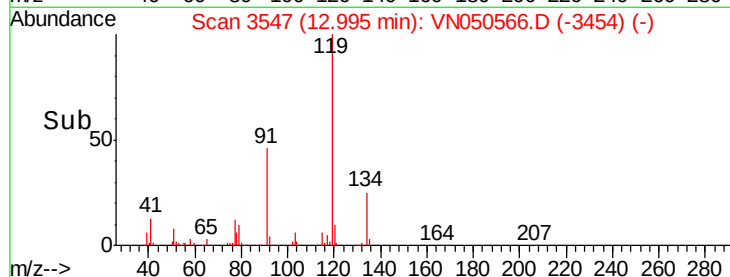
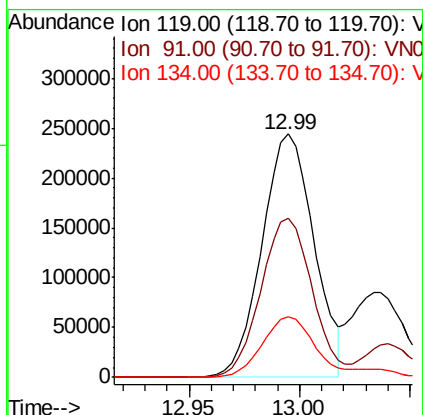
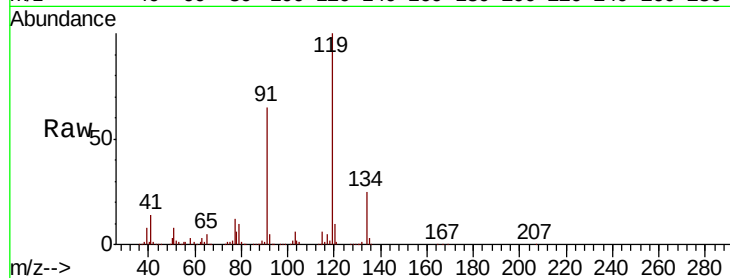




#83
 tert-Butylbenzene
 Concen: 18.33 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

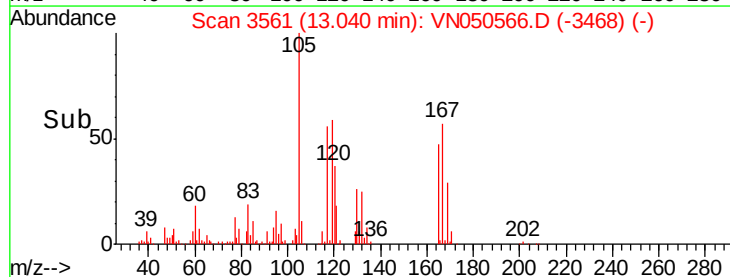
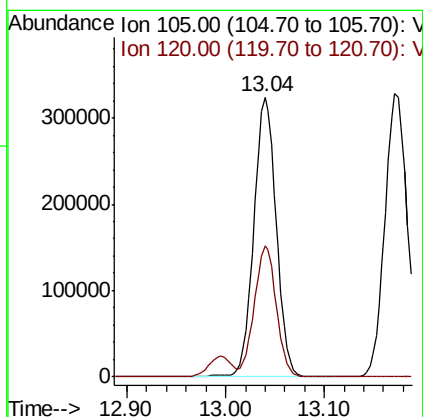
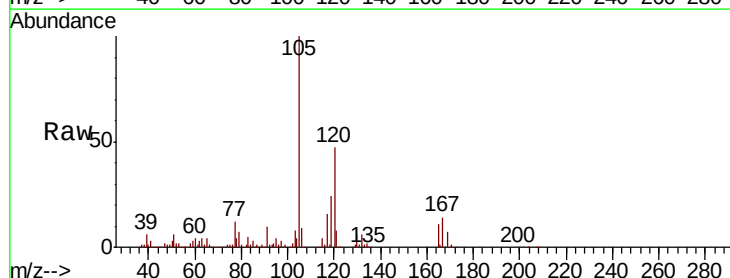
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

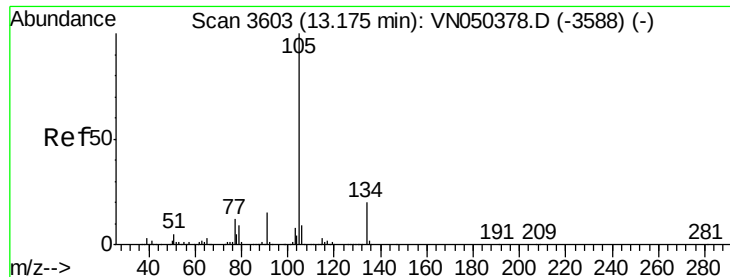
Tot Ion:119 Resp: 399422
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.1 96.3
 134 27.8 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.97 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion:105 Resp: 505294
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 17.81 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

Instrument :

MSVOA_N

ClientSampleId :

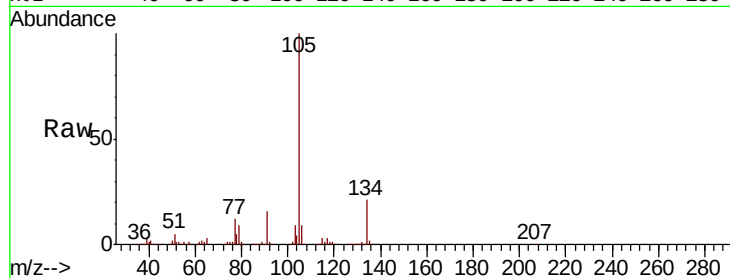
VN0813WBSD01

Tot Ion:105 Resp: 517443

Ion Ratio Lower Upper

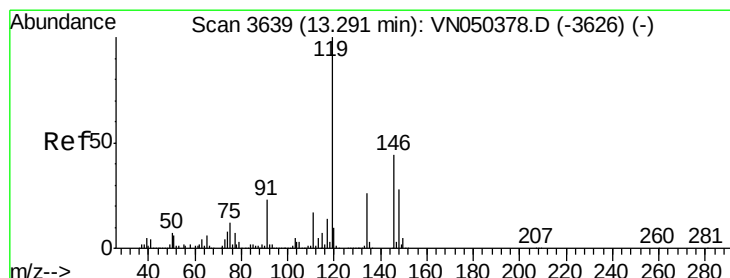
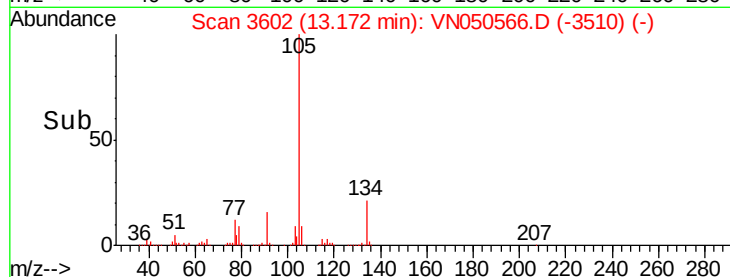
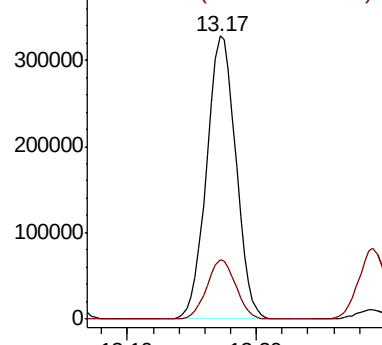
105 100

134 20.7 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: 18.22 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050566.D

Acq: 13 Aug 2018 14:19

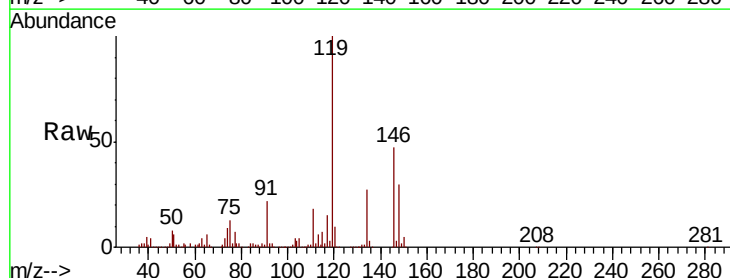
Tgt Ion:119 Resp: 453470

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

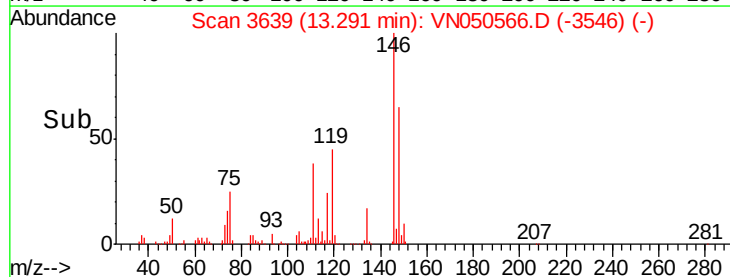
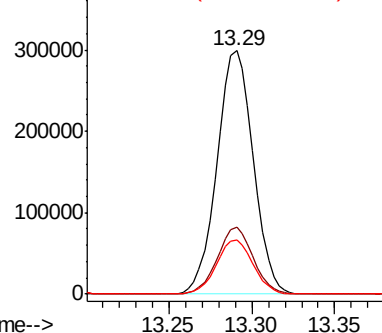
91 22.4 11.4 34.2

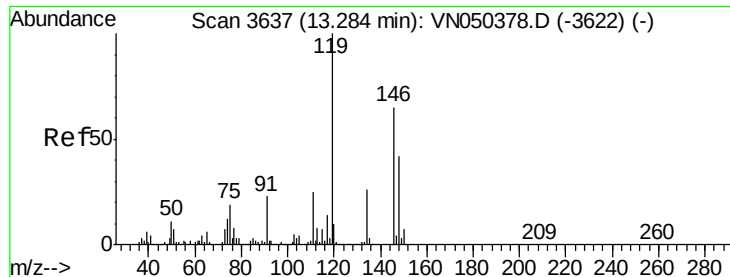


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

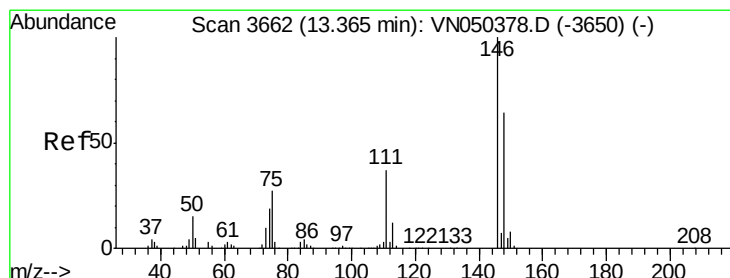
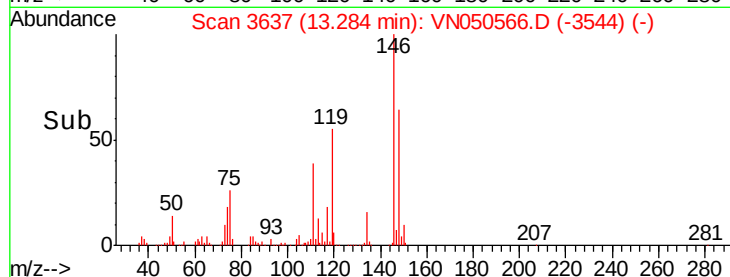
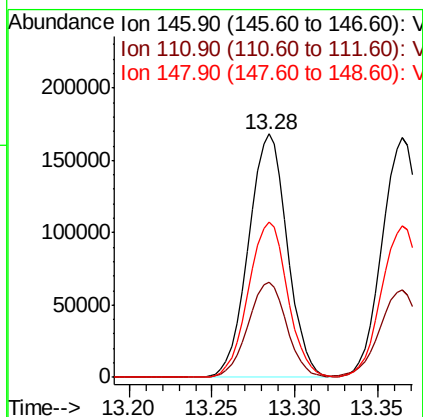
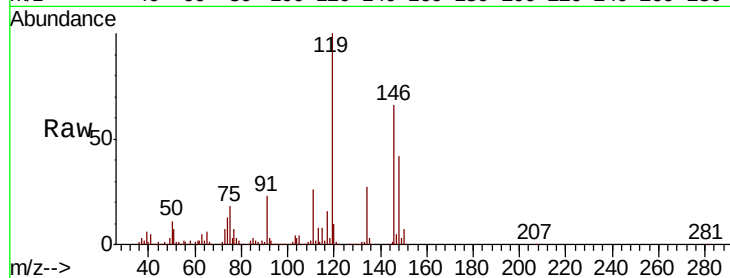




#87
 1,3-Dichlorobenzene
 Concen: 18.68 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

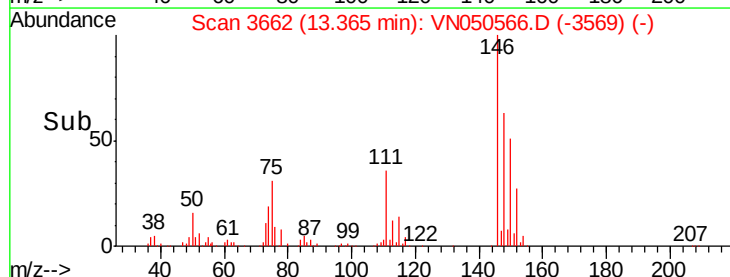
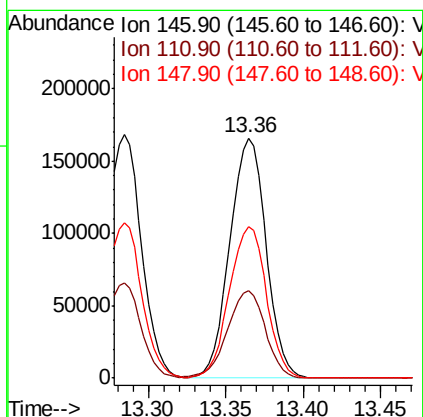
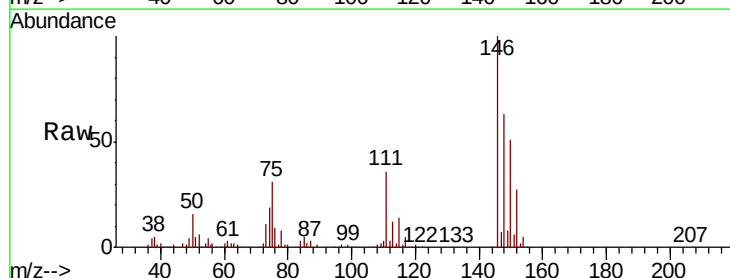
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

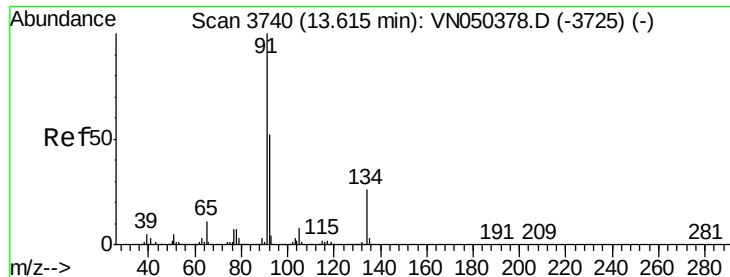
Tot Ion:146 Resp: 274298
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.8 56.4
 148 64.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 18.43 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion:146 Resp: 270191
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.3 54.9
 148 64.6 31.9 95.9

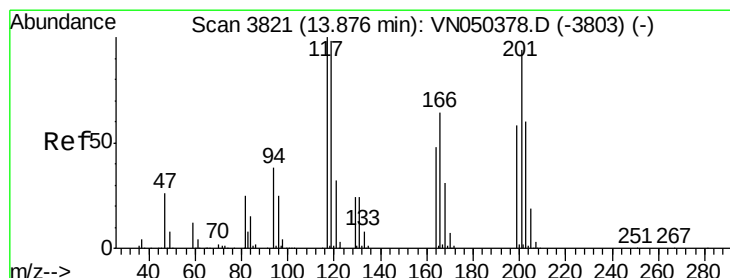
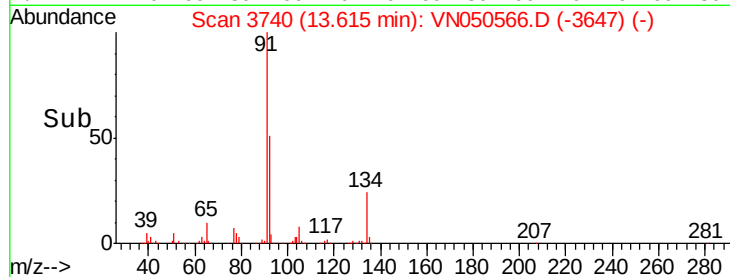
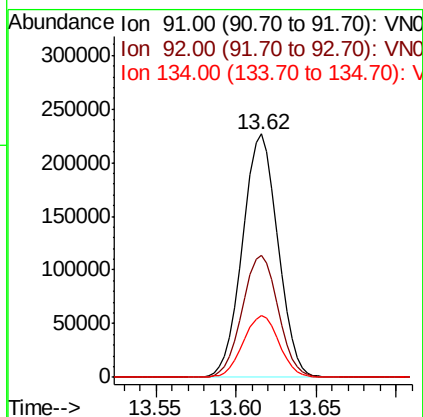
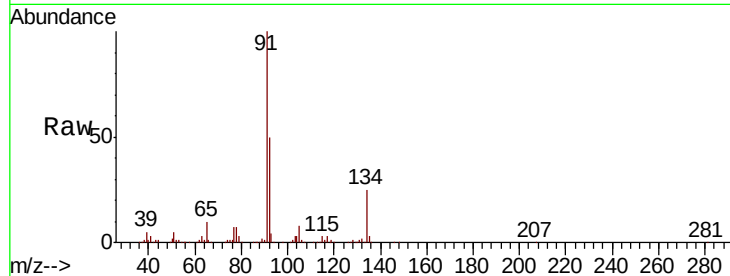




#89
n-Butylbenzene
Concen: 16.13 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

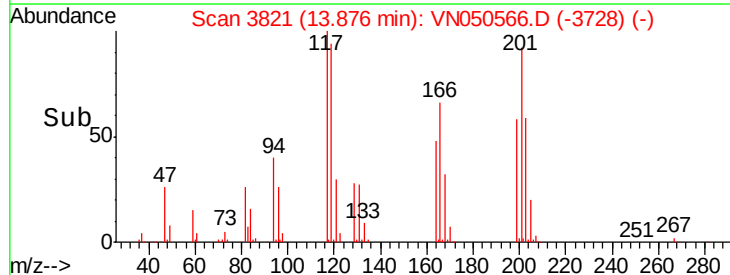
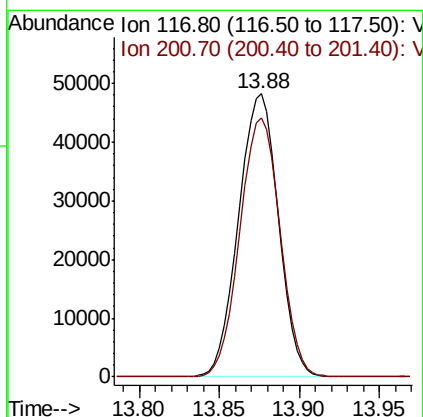
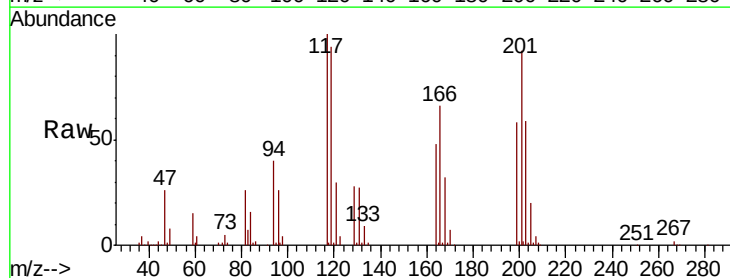
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

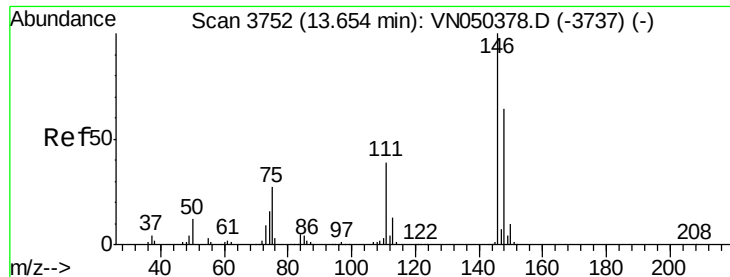
Tot Ion: 91 Resp: 341841
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.4
134 25.7 12.8 38.4



#90
Hexachloroethane
Concen: 18.53 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion: 117 Resp: 82010
Ion Ratio Lower Upper
117 100
201 92.3 45.6 136.8

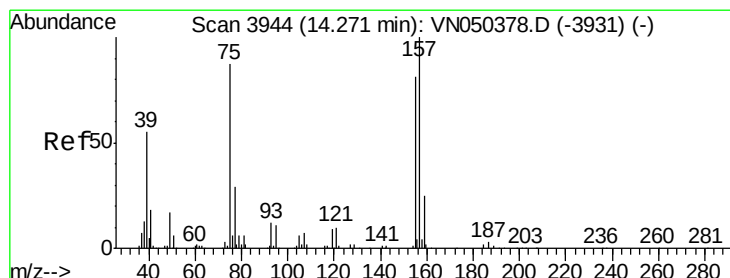
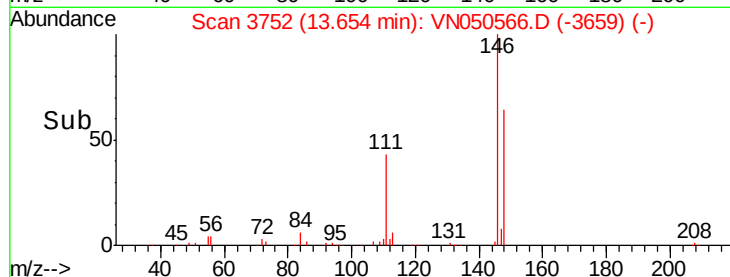
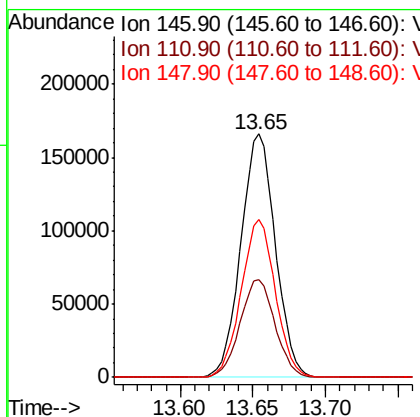
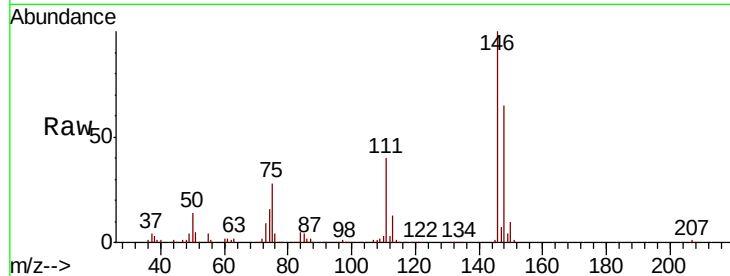




#91
 1,2-Dichlorobenzene
 Concen: 18.67 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

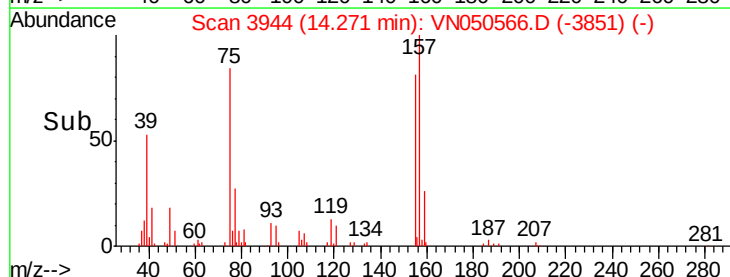
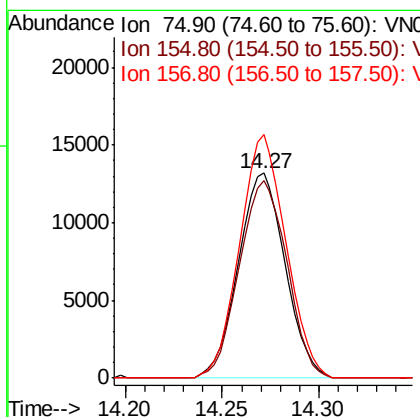
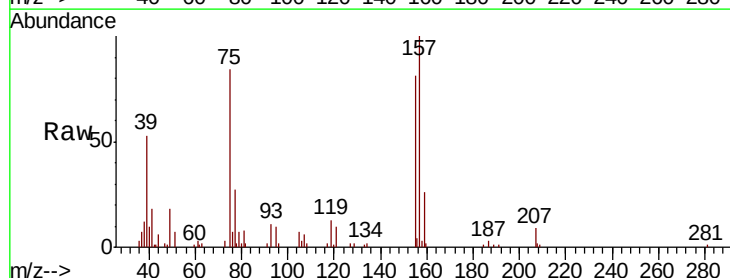
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

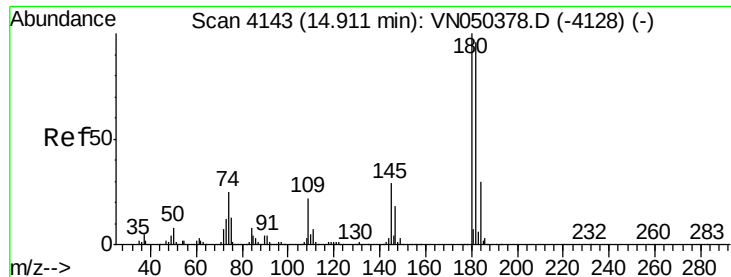
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.7
148	64.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.75 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	44.8	134.4
157	117.3	57.2	171.6

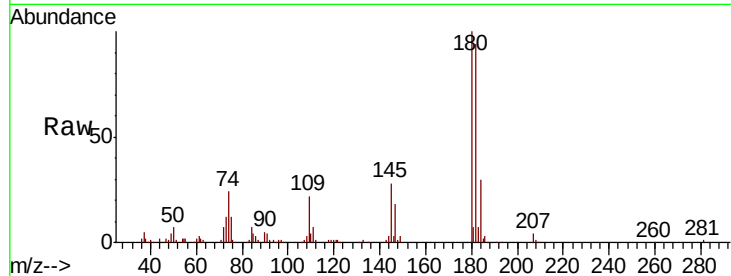




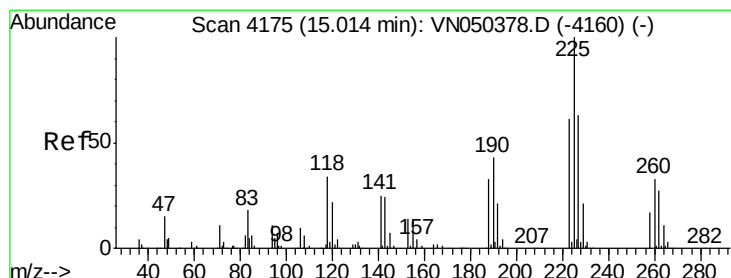
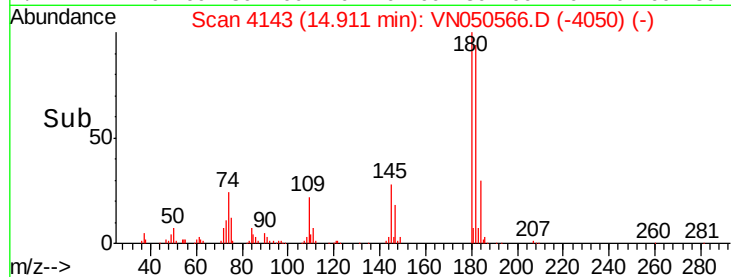
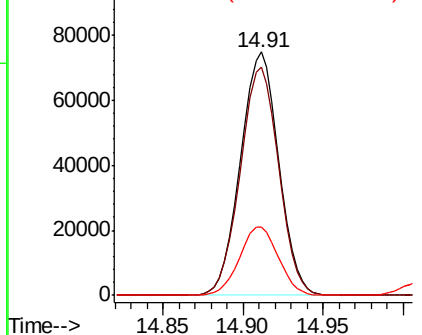
#93
 1,2,4-Trichlorobenzene
 Concen: 16.24 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Tot Ion:180 Resp: 121735
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.7 140.1
 145 28.6 13.8 41.4

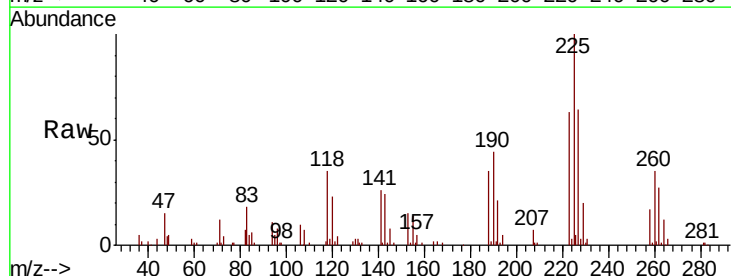


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

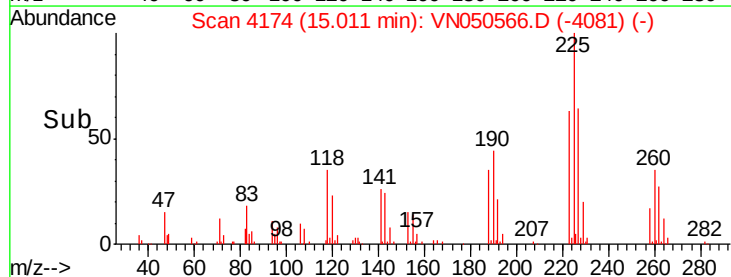
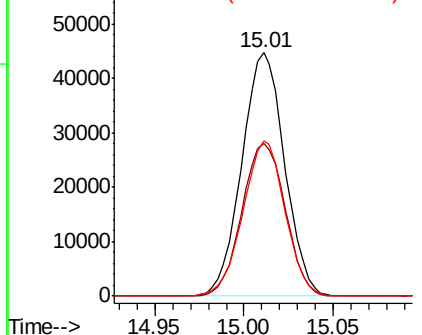


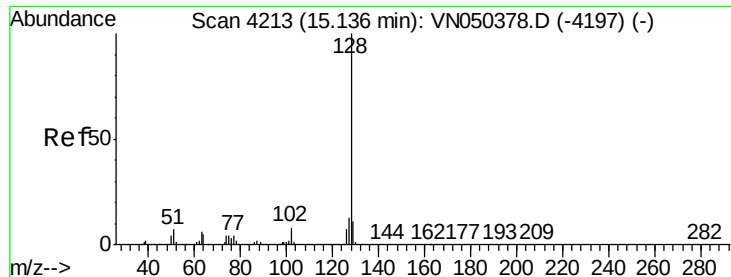
#94
 Hexachlorobutadiene
 Concen: 17.21 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050566.D
 Acq: 13 Aug 2018 14:19

Tgt Ion:225 Resp: 74904
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.4 94.2
 227 62.7 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

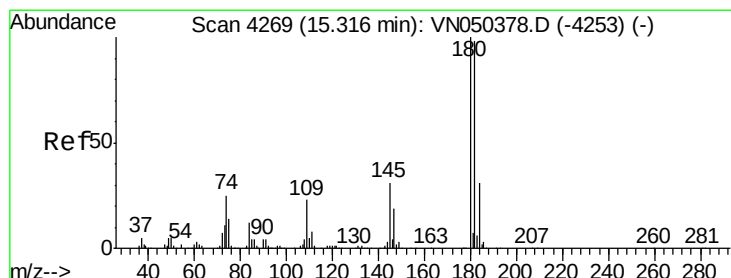
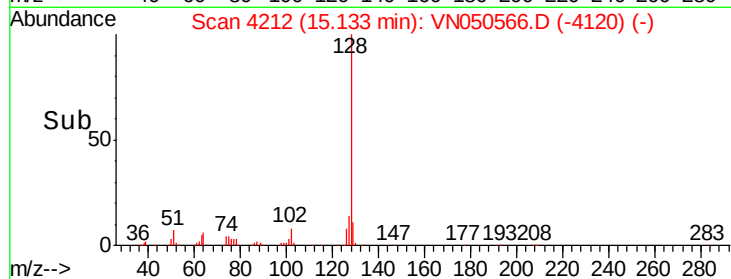
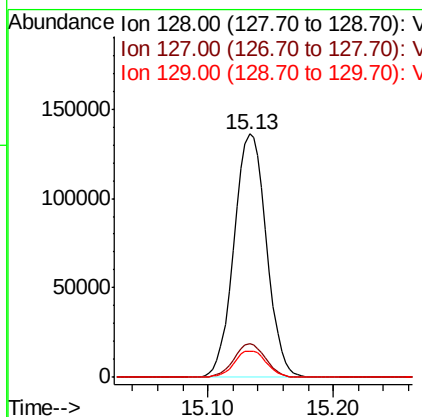
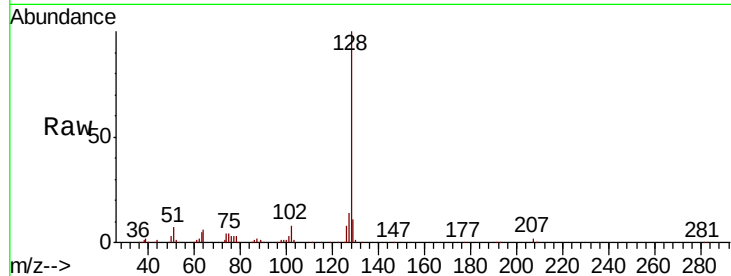




#95
Naphthalene
Concen: 15.03 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tot Ion:128 Resp: 244220
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 15.71 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN050566.D
Acq: 13 Aug 2018 14:19

Tgt Ion:180 Resp: 119049
Ion Ratio Lower Upper
180 100
182 97.1 48.1 144.4
145 30.6 15.3 45.9

