

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049912.D
 Acq On : 19 Jul 2018 13:24
 Operator : MD\SY
 Sample : VN0719WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

Quant Time: Jul 20 01:27:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	593026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	897196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	428279	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	419149	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	7.59	113	371084	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.09	98	1364413	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	465063	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109655	19.40	ug/l	96
3) Chloromethane	2.06	50	146223	18.06	ug/l	99
4) Vinyl Chloride	2.18	62	159911	18.52	ug/l	100
5) Bromomethane	2.57	94	63120	11.61	ug/l	96
6) Chloroethane	2.70	64	104916	18.61	ug/l	99
7) Trichlorofluoromethane	3.02	101	223807	18.86	ug/l	97
8) Diethyl Ether	3.41	74	81305	19.64	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	141129	19.29	ug/l	99
10) Methyl Iodide	3.95	142	67319	6.86	ug/l	98
11) Tert butyl alcohol	4.80	59	58010	99.90	ug/l	100
12) 1,1-Dichloroethene	3.73	96	124317	19.34	ug/l	96
13) Acrolein	3.60	56	32198	86.05	ug/l	96
14) Allyl chloride	4.32	41	200550	19.79	ug/l	98
15) Acrylonitrile	4.99	53	249444	97.68	ug/l	99
16) Acetone	3.82	43	204494	96.90	ug/l	100
17) Carbon Disulfide	4.05	76	353312	18.37	ug/l	100
18) Methyl Acetate	4.33	43	137423	20.23	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	368007	20.80	ug/l	98
20) Methylene Chloride	4.55	84	148244	18.47	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	133261	19.52	ug/l	96
22) Diisopropyl ether	5.95	45	441214	21.33	ug/l	97
23) Vinyl Acetate	5.90	43	1482724	102.18	ug/l	99
24) 1,1-Dichloroethane	5.85	63	263704	19.86	ug/l	99
25) 2-Butanone	6.84	43	296122	98.18	ug/l	97
26) 2,2-Dichloropropane	6.83	77	213867	20.70	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	155877	20.81	ug/l	99
28) Bromochloromethane	7.20	49	121760	20.31	ug/l	98
29) Tetrahydrofuran	7.22	42	191843	100.97	ug/l	99
30) Chloroform	7.37	83	271572	19.92	ug/l	99
31) Cyclohexane	7.65	56	220304	20.38	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	231897	19.68	ug/l	99
36) 1,1-Dichloropropene	7.79	75	199606	20.01	ug/l	99
37) Ethyl Acetate	6.93	43	128928	18.82	ug/l	100
38) Carbon Tetrachloride	7.77	117	202741	18.97	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	200995	19.50	ug/l	97
40) Benzene	8.04	78	602080	19.80	ug/l	99
41) Methacrylonitrile	7.17	41	65674	19.12	ug/l #	50
42) 1,2-Dichloroethane	8.13	62	196476	19.51	ug/l	100
43) Isopropyl Acetate	8.17	43	258463	21.60	ug/l #	90
44) Trichloroethene	8.83	130	156653	19.65	ug/l	97
45) 1,2-Dichloropropane	9.12	63	160090	19.52	ug/l	97
46) Dibromomethane	9.21	93	96075	18.89	ug/l	100
47) Bromodichloromethane	9.40	83	206453	19.62	ug/l	97
48) Methyl methacrylate	9.20	41	114205	19.02	ug/l	99
49) 1,4-Dioxane	9.20	88	35092	412.06	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	667577	99.79	ug/l	100
52) Toluene	10.16	92	368099	20.30	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	201115	19.33	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	227904	19.82	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	142103	18.97	ug/l	99
56) Ethyl methacrylate	10.43	69	173950	18.70	ug/l	98
57) 1,3-Dichloropropane	10.71	76	230942	19.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	408549	92.77	ug/l	99
59) 2-Hexanone	10.75	43	442955	98.57	ug/l	98
60) Dibromochloromethane	10.90	129	156295	19.02	ug/l	99
61) 1,2-Dibromoethane	11.01	107	136774	19.54	ug/l	100
64) Tetrachloroethene	10.63	164	142566	19.63	ug/l	99
65) Chlorobenzene	11.43	112	404306	19.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	153539	19.52	ug/l	99
67) Ethyl Benzene	11.51	91	671544	20.38	ug/l	99
68) m/p-Xylenes	11.62	106	529444	42.45	ug/l	100
69) o-Xylene	11.95	106	249094	20.79	ug/l	98
70) Styrene	11.96	104	410185	21.14	ug/l	100
71) Bromoform	12.13	173	108769	19.33	ug/l #	100
73) Isopropylbenzene	12.25	105	674093	20.72	ug/l	100
74) N-amyl acetate	12.07	43	203137	20.51	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	182877	18.76	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	217571	27.08	ug/l #	100
77) Bromobenzene	12.53	156	176445	19.64	ug/l	98
78) n-propylbenzene	12.59	91	773988	20.93	ug/l	100
79) 2-Chlorotoluene	12.67	91	468969	20.65	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	556759	21.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45498	17.71	ug/l	97
82) 4-Chlorotoluene	12.77	91	480372	21.08	ug/l	99
83) tert-Butylbenzene	12.99	119	470889	20.56	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	572869	21.69	ug/l	99
85) sec-Butylbenzene	13.17	105	643417	21.26	ug/l	100
86) p-Isopropyltoluene	13.29	119	556894	21.59	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	310054	19.81	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	302491	19.28	ug/l	99
89) n-Butylbenzene	13.62	91	446045	20.94	ug/l	99
90) Hexachloroethane	13.88	117	103679	17.91	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	309445	20.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27440	18.22	ug/l	95

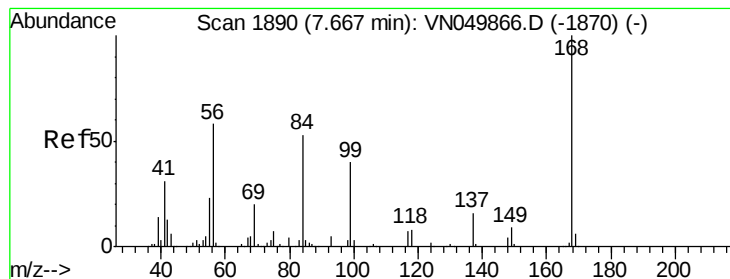
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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	145221	19.40	ug/l	99
94) Hexachlorobutadiene	15.01	225	98342	19.50	ug/l	99
95) Naphthalene	15.14	128	305962	18.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	145769	19.74	ug/l	97

(#) = 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: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampled :

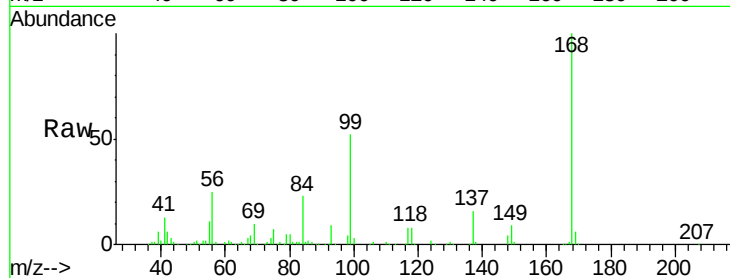
VN0719WBSD01

Tot Ion:168 Resp: 593026

Ion Ratio Lower Upper

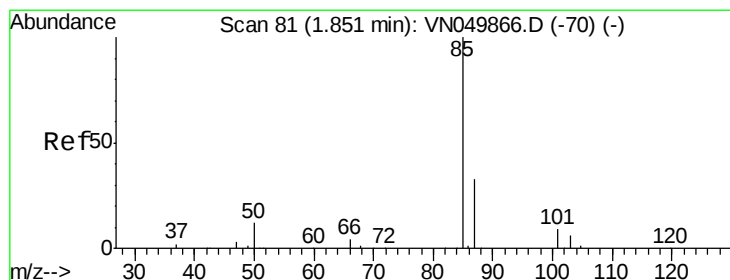
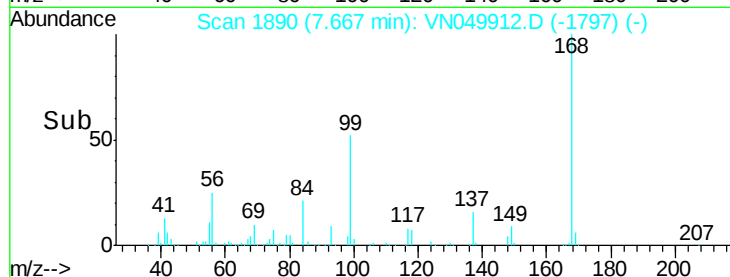
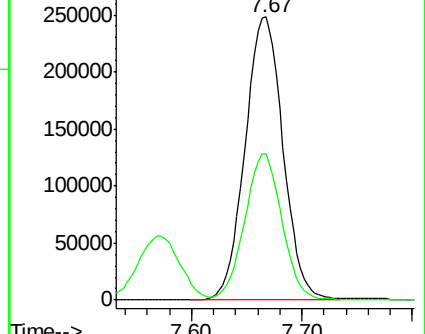
168 100

99 51.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.40 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049912.D

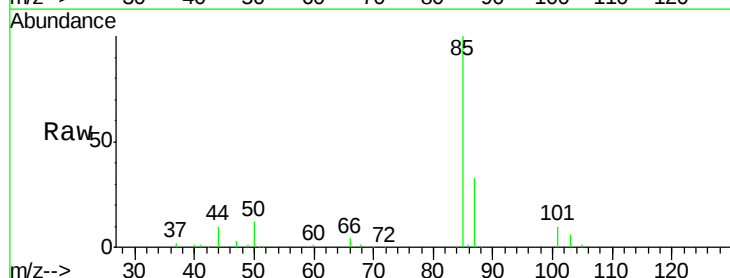
Acq: 19 Jul 2018 13:24

Tgt Ion: 85 Resp: 109655

Ion Ratio Lower Upper

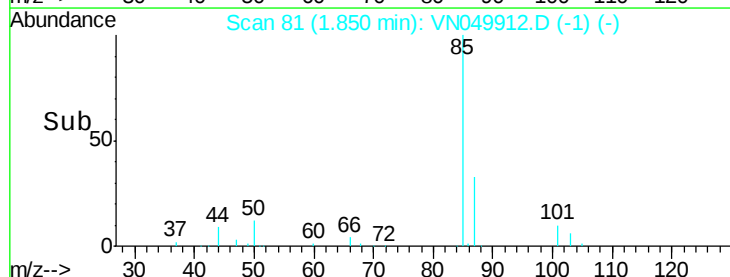
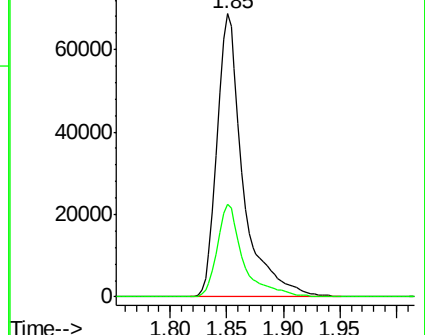
85 100

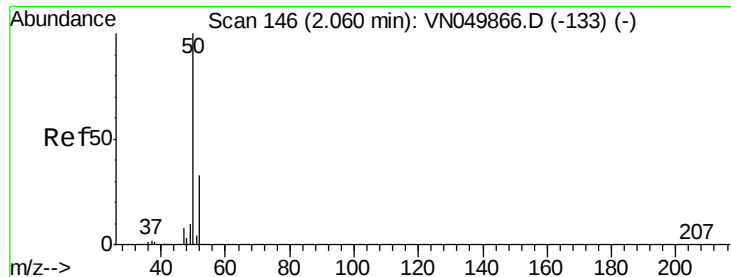
87 32.7 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.06 ug/l

RT: 2.06 min Scan# 146

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

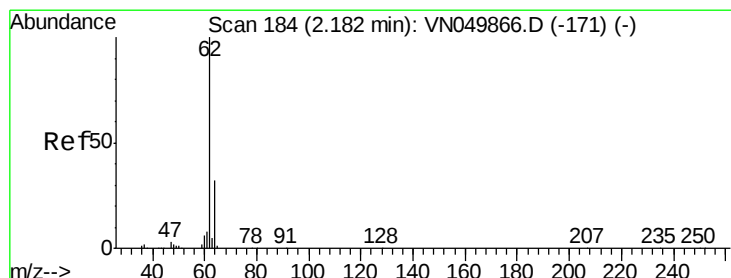
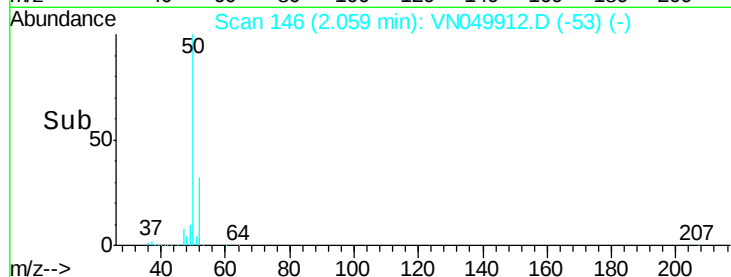
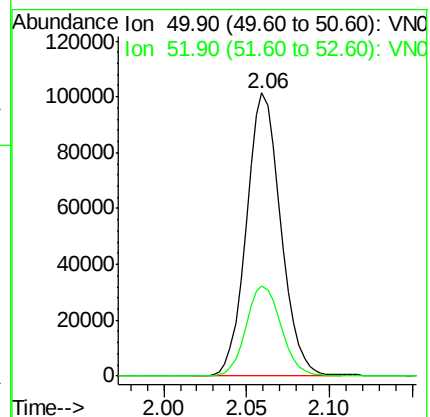
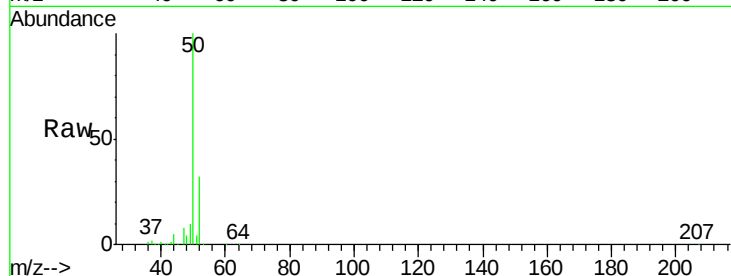
VN0719WBSD01

Tot Ion: 50 Resp: 146223

Ion Ratio Lower Upper

50 100

52 31.9 26.1 39.1



#4

Vinyl Chloride

Concen: 18.52 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049912.D

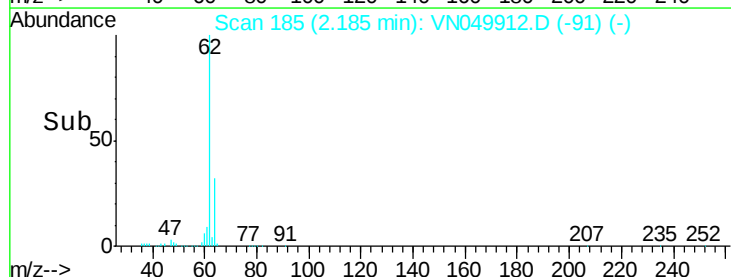
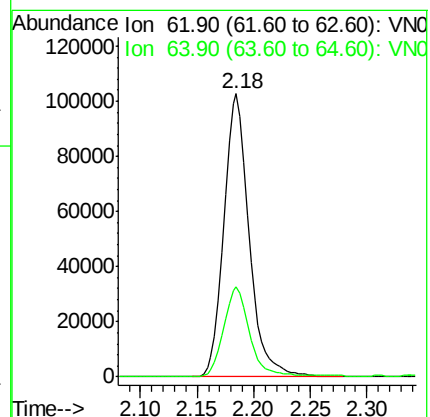
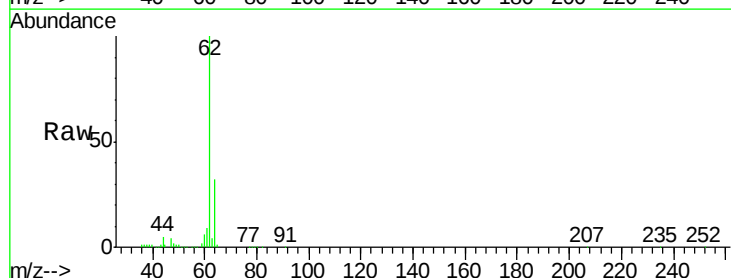
Acq: 19 Jul 2018 13:24

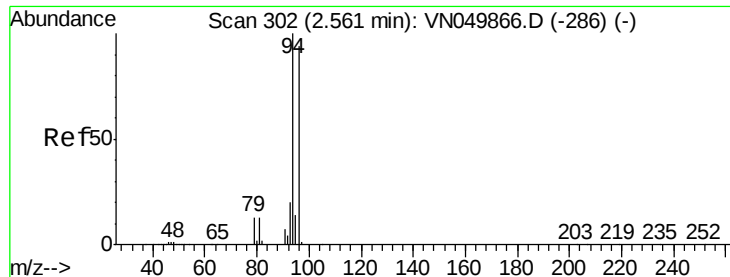
Tgt Ion: 62 Resp: 159911

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 11.61 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

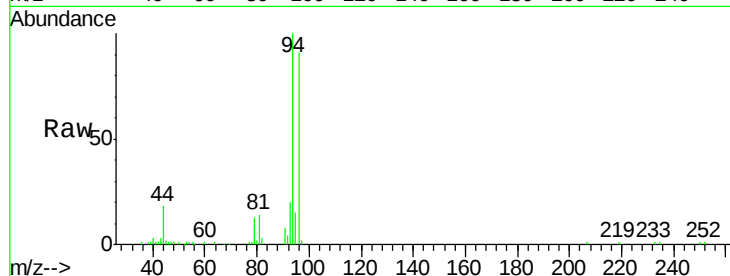
VN0719WBSD01

Tot Ion: 94 Resp: 63120

Ion Ratio Lower Upper

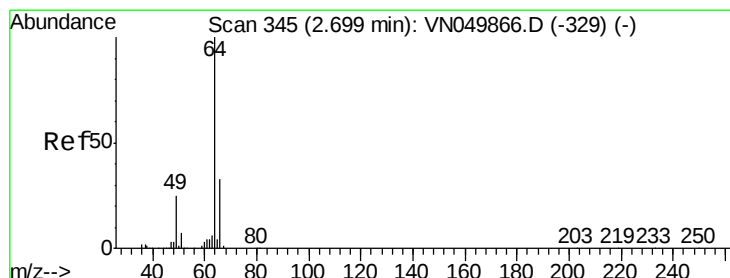
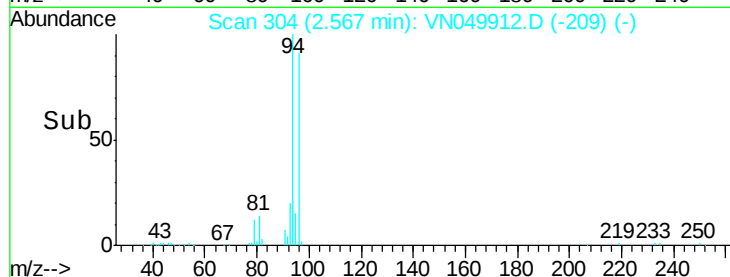
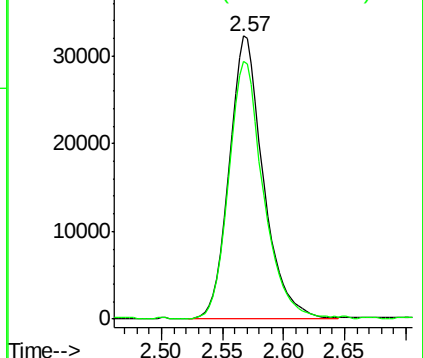
94 100

96 91.2 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.61 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049912.D

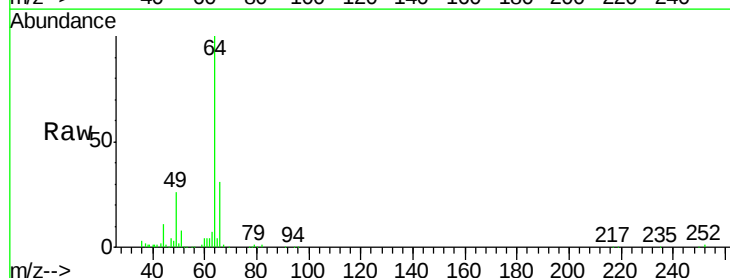
Acq: 19 Jul 2018 13:24

Tgt Ion: 64 Resp: 104916

Ion Ratio Lower Upper

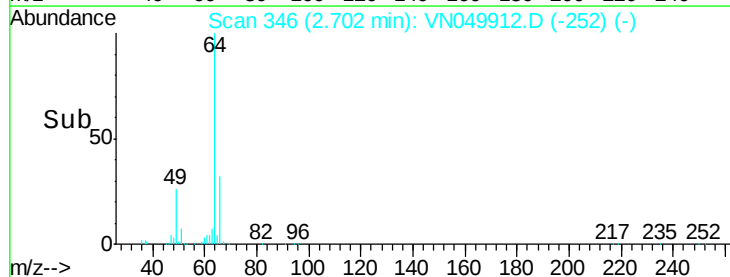
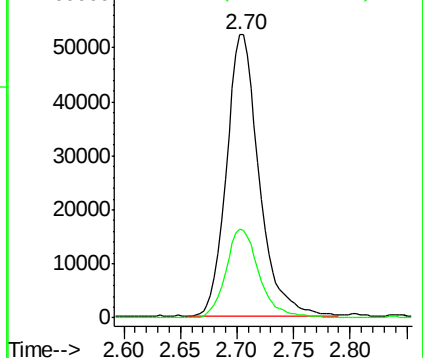
64 100

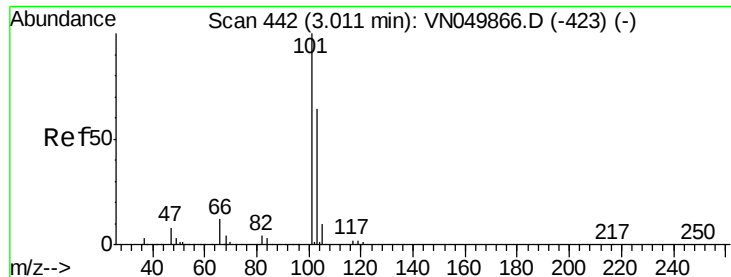
66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 18.86 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.01 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

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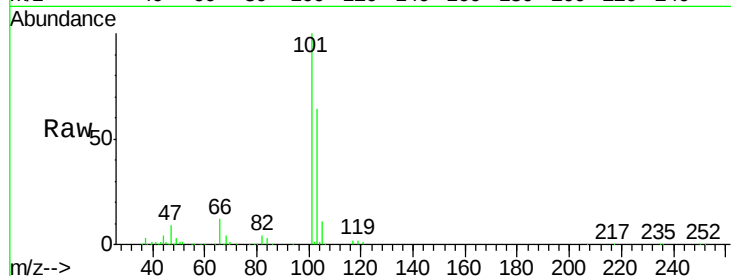
VN0719WBSD01

Tot Ion:101 Resp: 223807

Ion Ratio Lower Upper

101 100

103 63.6 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.02

120000

100000

80000

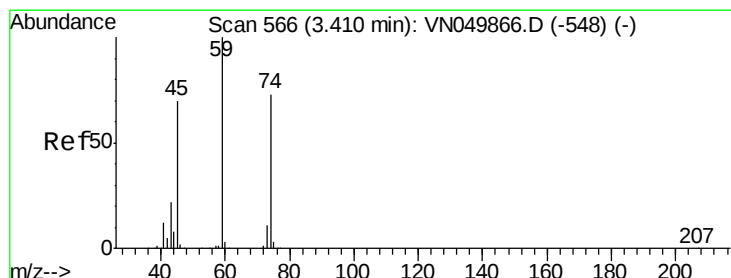
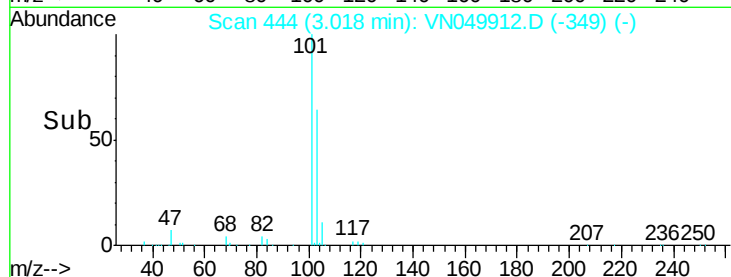
60000

40000

20000

0

Time--> 2.90 2.95 3.00 3.05 3.10



#8

Diethyl Ether

Concen: 19.64 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049912.D

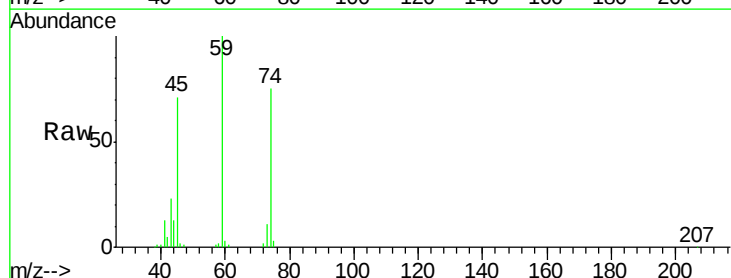
Acq: 19 Jul 2018 13:24

Tgt Ion: 74 Resp: 81305

Ion Ratio Lower Upper

74 100

45 94.9 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

3.41

40000

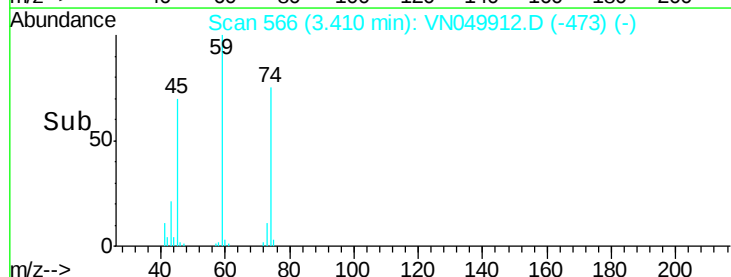
30000

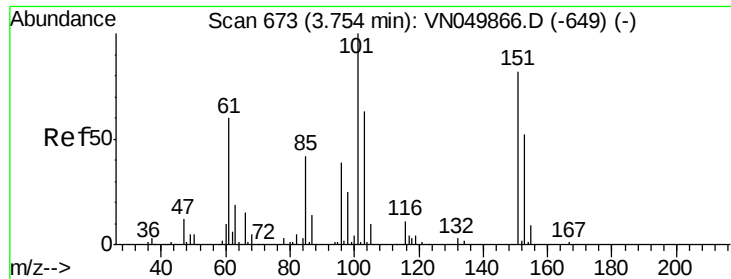
20000

10000

0

Time--> 3.30 3.35 3.40 3.45 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.29 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

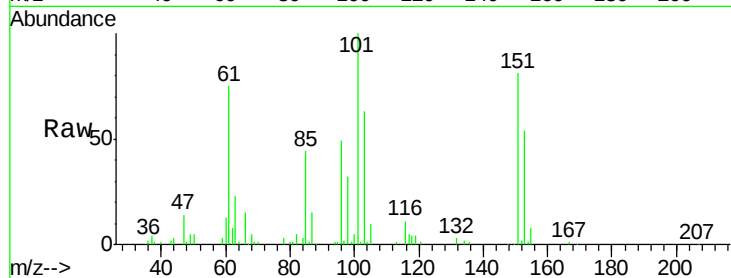
Tot Ion:101 Resp: 141129

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

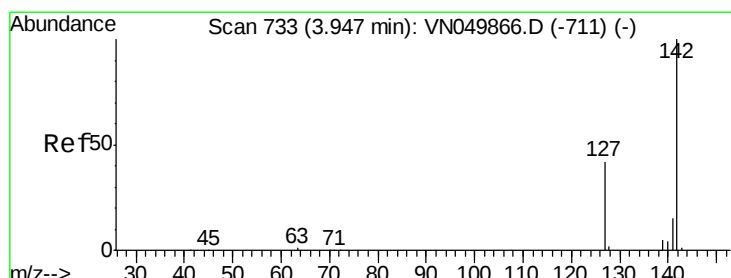
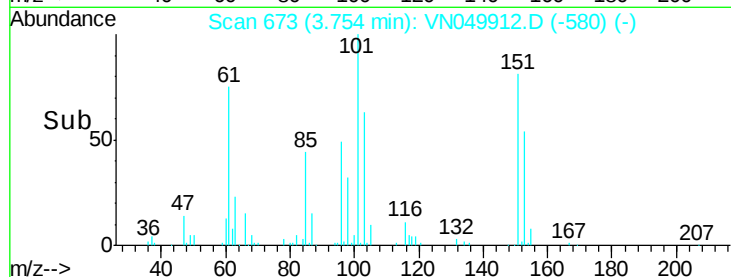
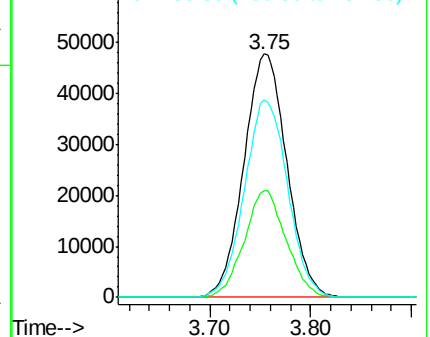
151 81.7 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 6.86 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

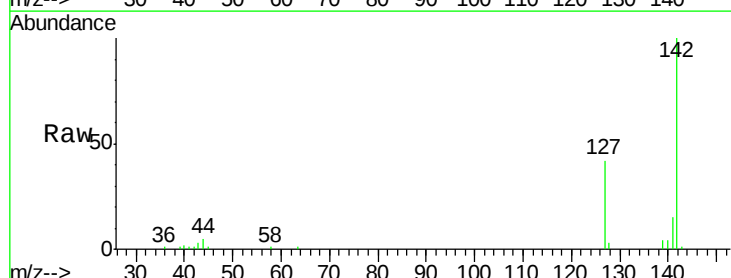
Tgt Ion:142 Resp: 67319

Ion Ratio Lower Upper

142 100

127 41.8 32.5 48.7

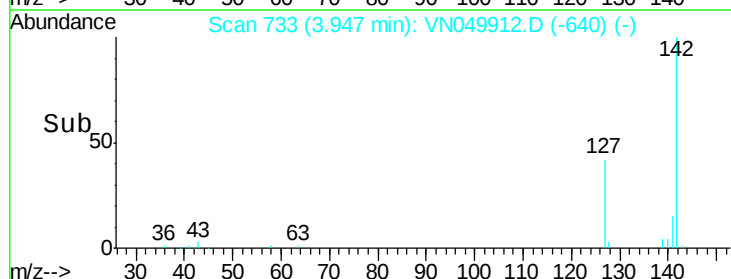
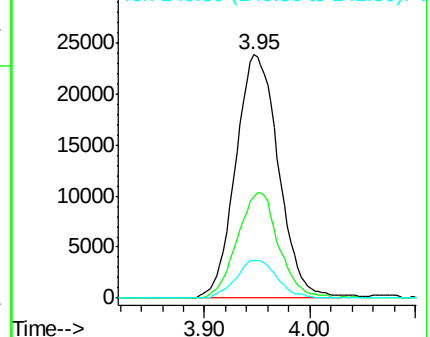
141 14.9 11.1 16.7

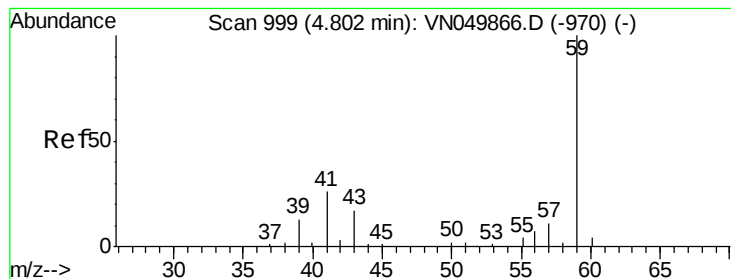


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



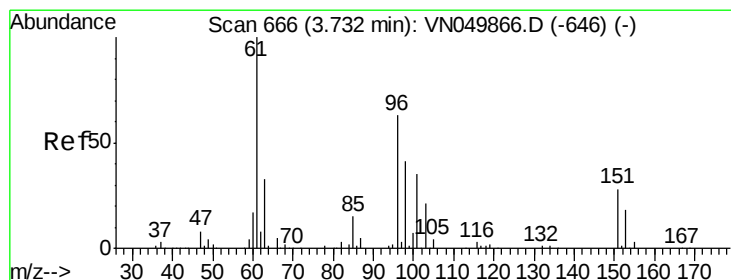
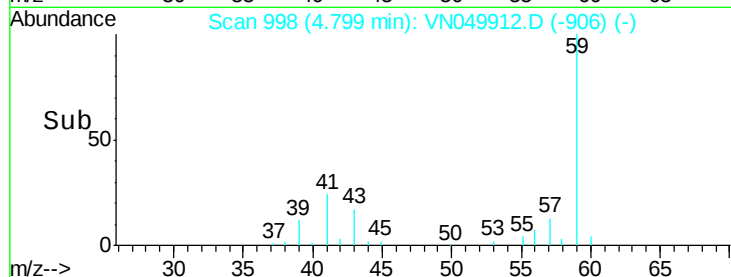
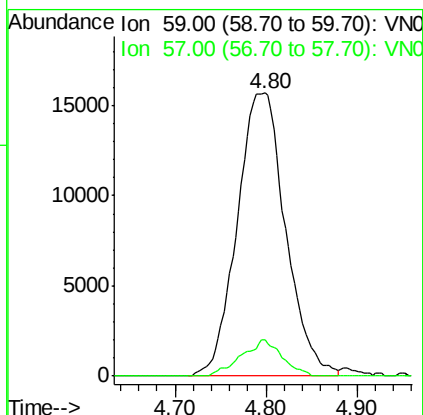
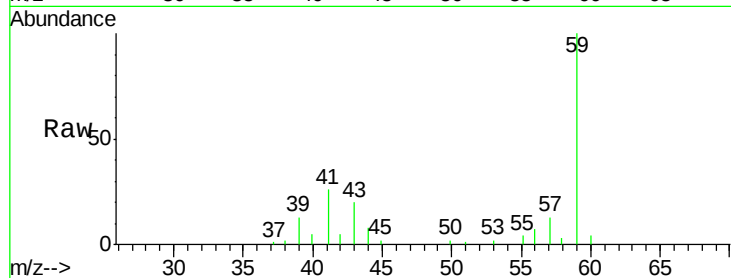


#11

Tert butyl alcohol
Concen: 99.90 ug/l
RT: 4.80 min Scan# 998
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

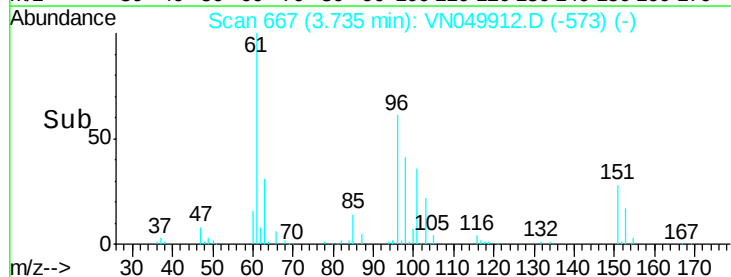
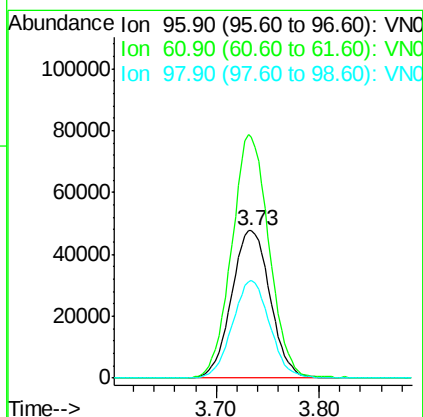
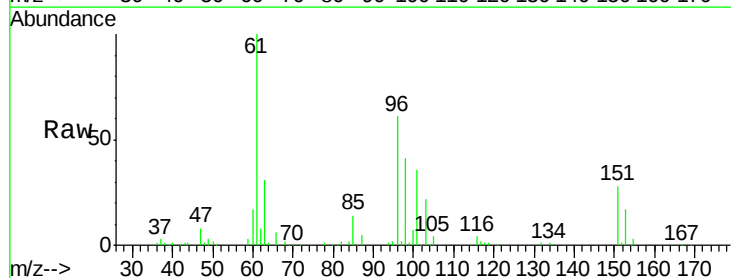
Tot Ion: 59 Resp: 58010
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

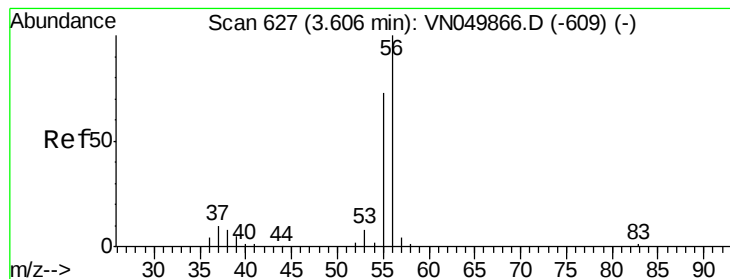


#12

1,1-Dichloroethene
Concen: 19.34 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 96 Resp: 124317
Ion Ratio Lower Upper
96 100
61 163.0 126.5 189.7
98 66.3 51.0 76.6





#13

Acrolein

Concen: 86.05 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

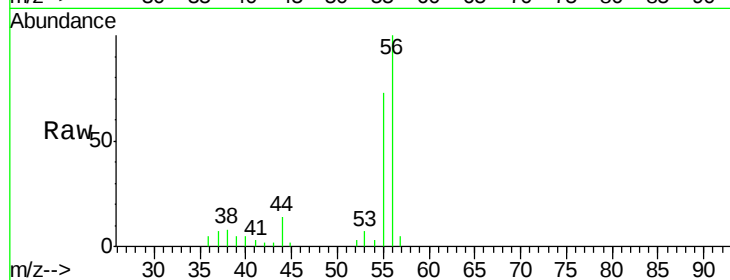
VN0719WBSD01

Tot Ion: 56 Resp: 32198

Ion Ratio Lower Upper

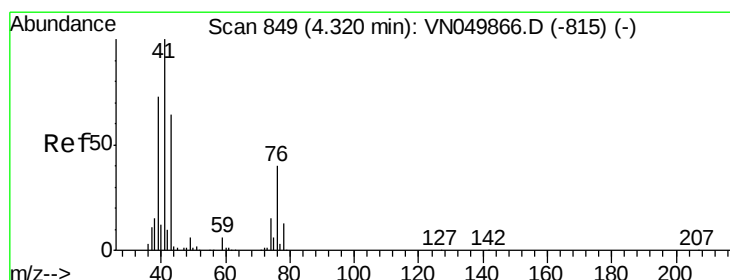
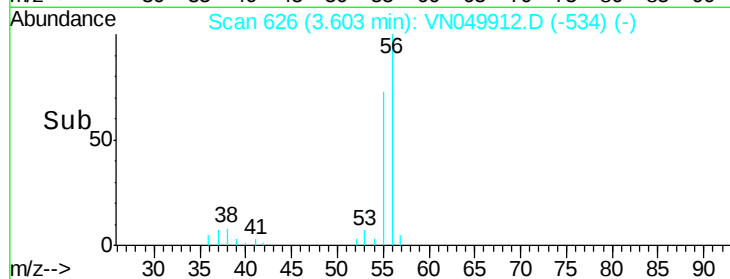
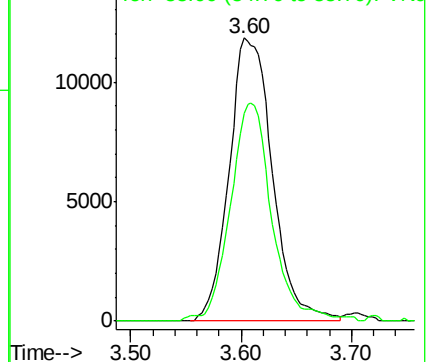
56 100

55 73.3 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.79 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

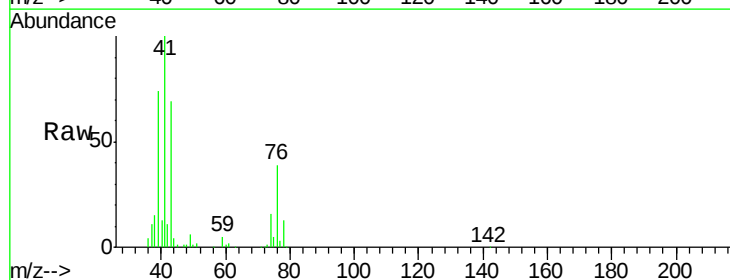
Tgt Ion: 41 Resp: 200550

Ion Ratio Lower Upper

41 100

39 68.8 53.2 79.8

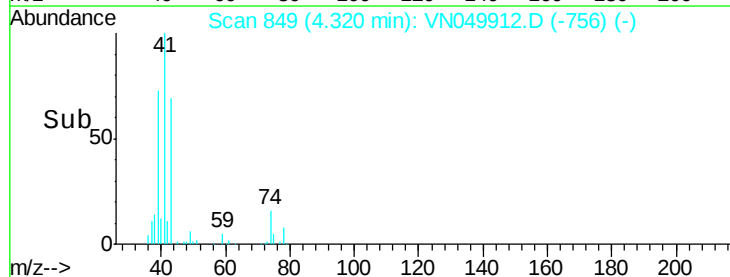
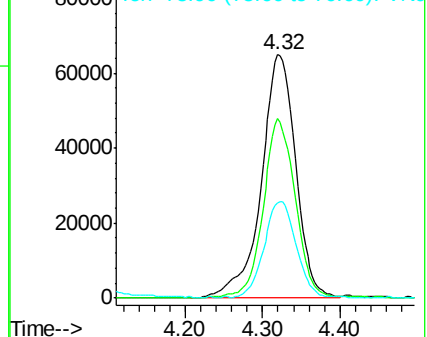
76 36.1 29.0 43.6

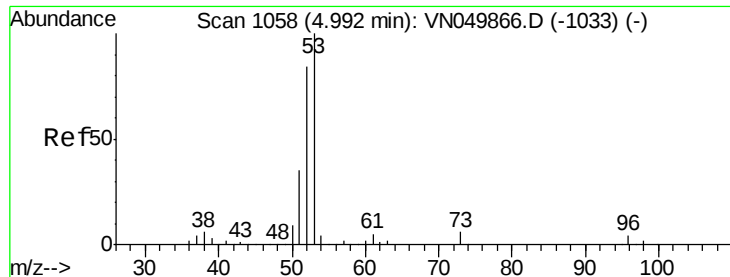


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 97.68 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

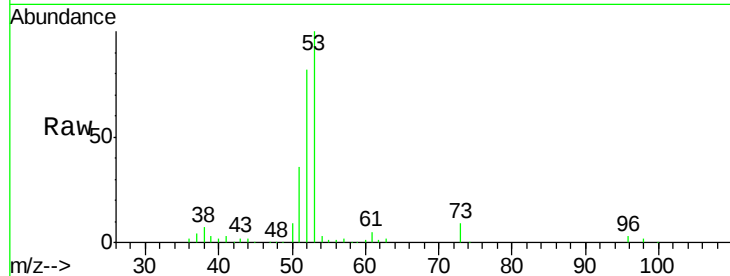
Tot Ion: 53 Resp: 249444

Ion Ratio Lower Upper

53 100

52 81.8 64.8 97.2

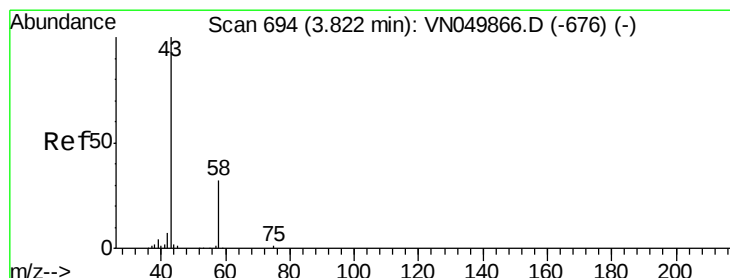
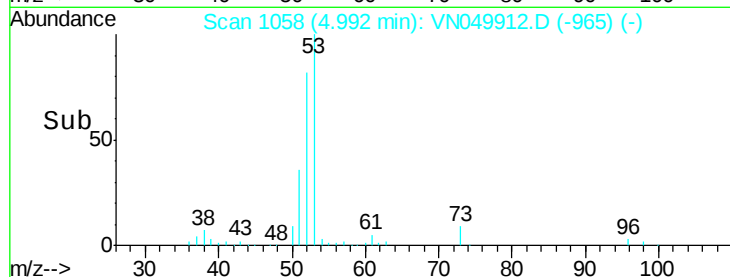
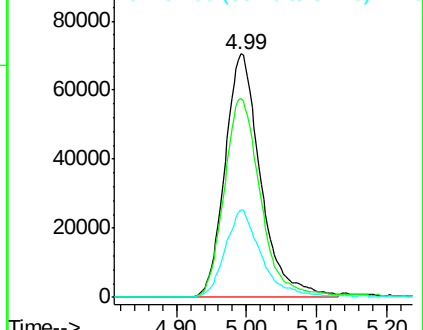
51 36.5 28.9 43.3



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: 96.90 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049912.D

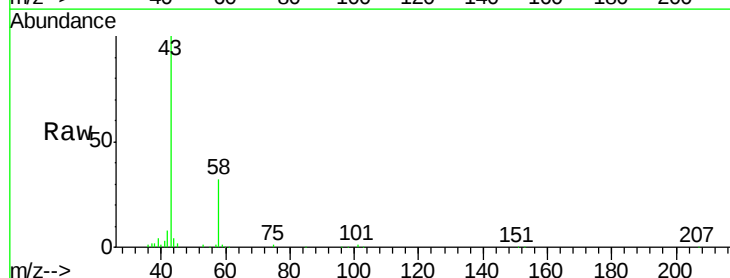
Acq: 19 Jul 2018 13:24

Tgt Ion: 43 Resp: 204494

Ion Ratio Lower Upper

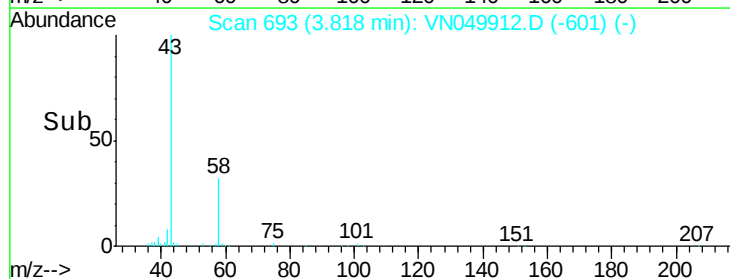
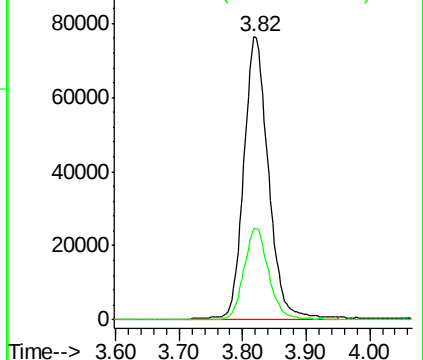
43 100

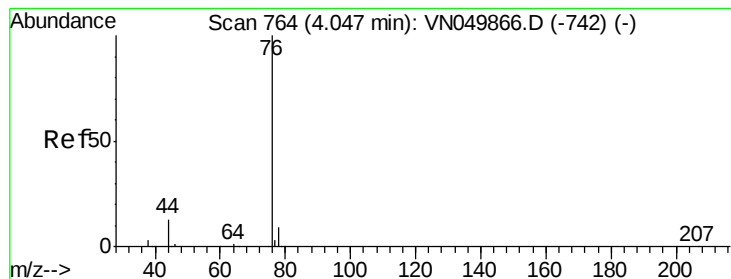
58 32.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.37 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

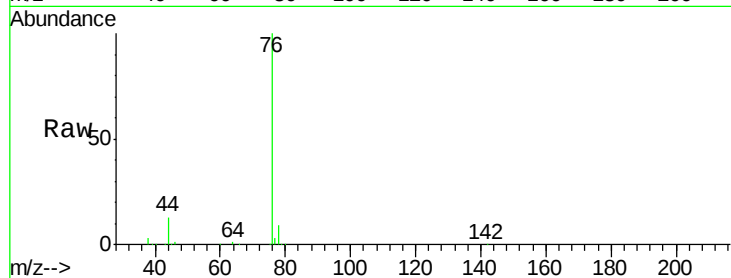
VN0719WBSD01

Tot Ion: 76 Resp: 353312

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN049912.D (-671) (-)

Ion 77.90 (77.60 to 78.60): VN049912.D (-671) (-)

4.05

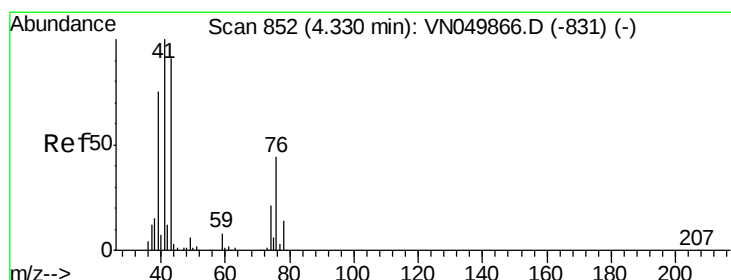
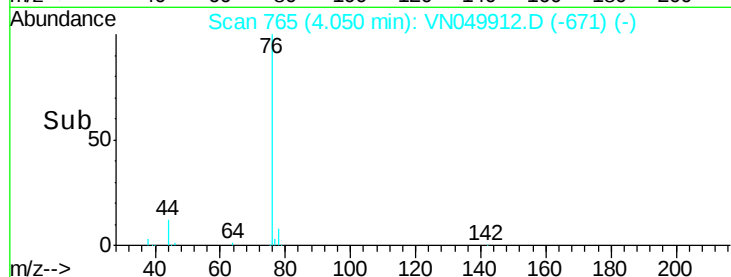
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.23 ug/l

RT: 4.33 min Scan# 851

Delta R.T. -0.00 min

Lab File: VN049912.D

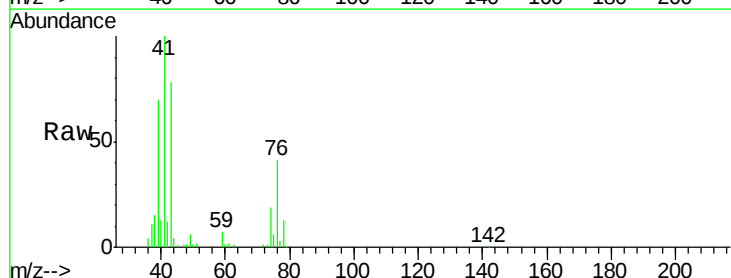
Acq: 19 Jul 2018 13:24

Tgt Ion: 43 Resp: 137423

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049912.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN049912.D (-759) (-)

4.33

50000

40000

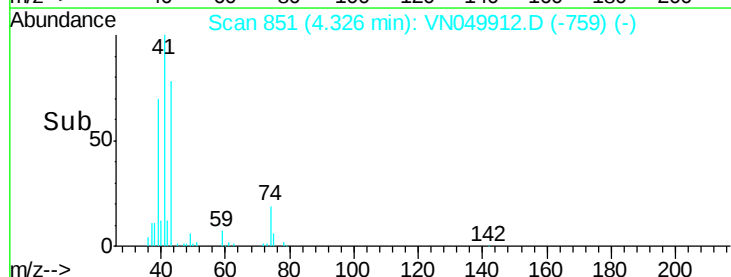
30000

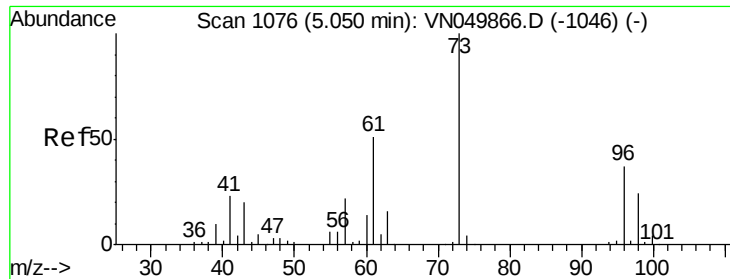
20000

10000

0

Time-->

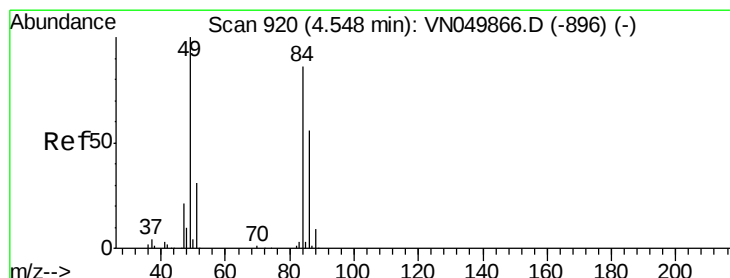
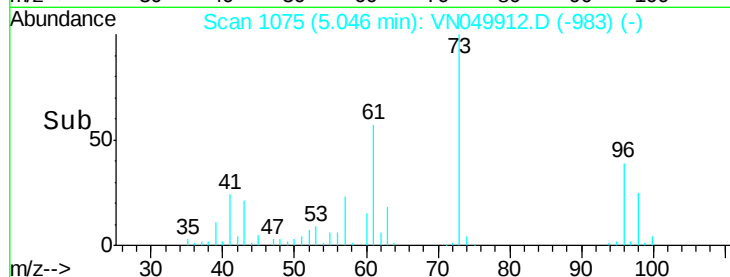
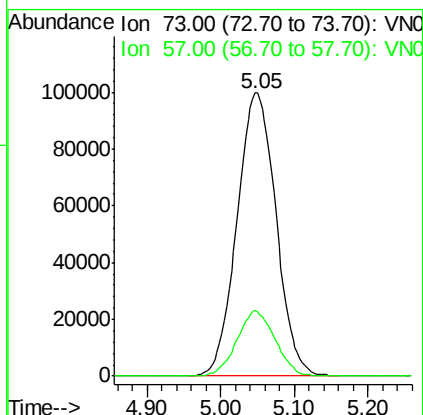
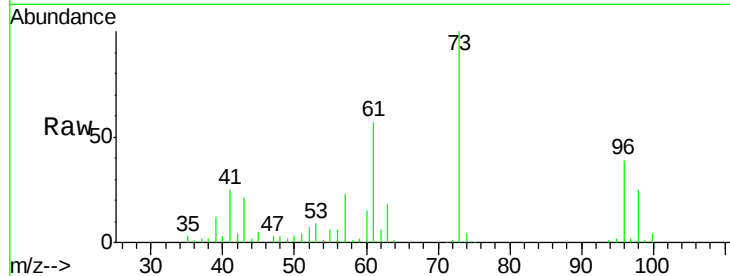




#19
Methyl tert-butyl Ether
Concen: 20.80 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

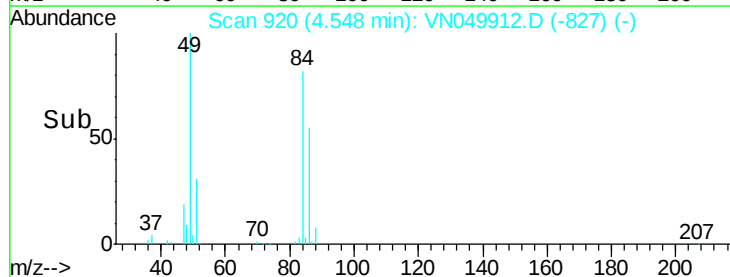
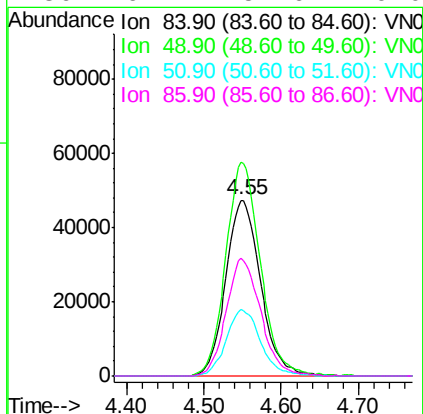
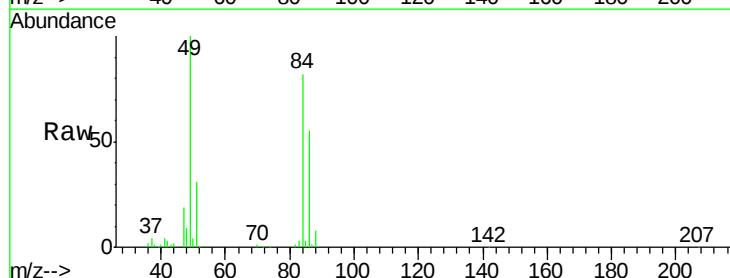
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

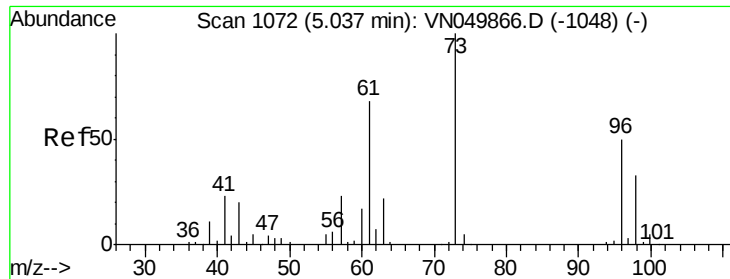
Tot Ion: 73 Resp: 368007
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1



#20
Methylene Chloride
Concen: 18.47 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 84 Resp: 148244
Ion Ratio Lower Upper
84 100
49 121.8 95.4 143.2
51 38.1 28.4 42.6
86 67.1 52.6 79.0

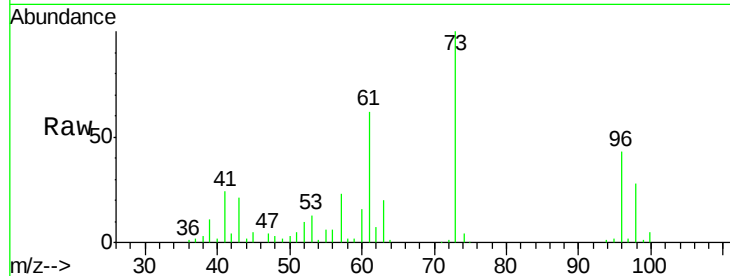




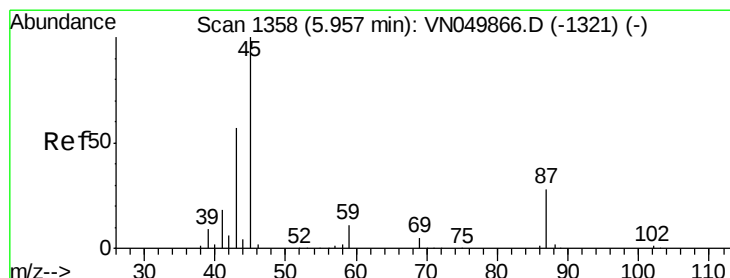
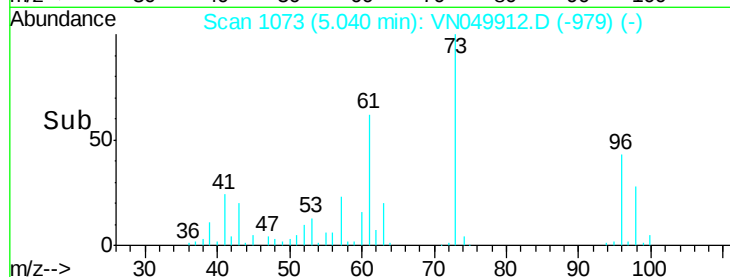
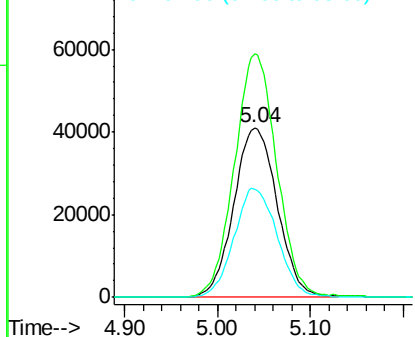
#21
trans-1,2-Dichloroethene
Concen: 19.52 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

Tot Ion: 96 Resp: 133261
Ion Ratio Lower Upper
96 100
61 143.1 109.0 163.6
98 63.6 51.1 76.7

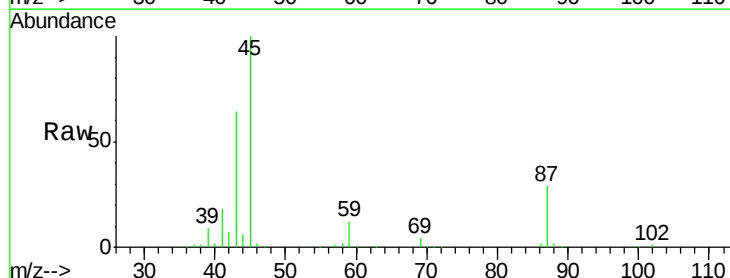


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

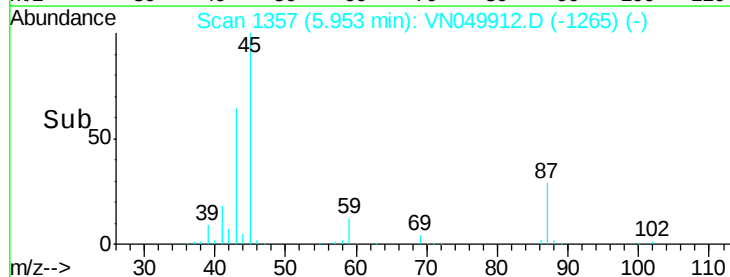
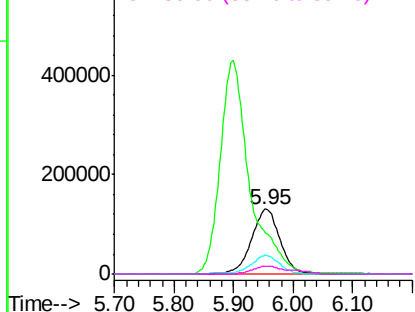


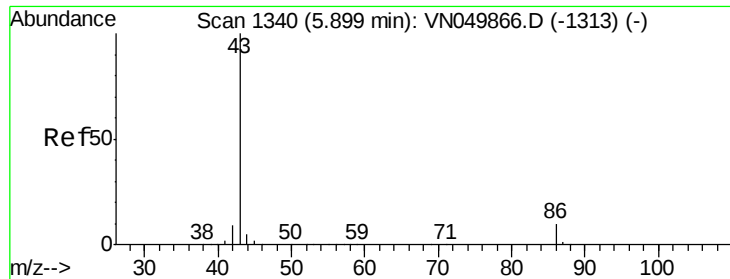
#22
Diisopropyl ether
Concen: 21.33 ug/l
RT: 5.95 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 45 Resp: 441214
Ion Ratio Lower Upper
45 100
43 63.8 48.1 72.1
87 28.6 22.6 34.0
59 11.8 9.2 13.8



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: 102.18 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

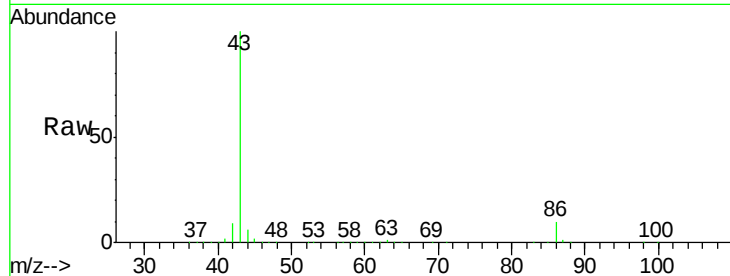
VN0719WBSD01

Tot Ion: 43 Resp: 1482724

Ion Ratio Lower Upper

43 100

86 10.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

500000

400000

300000

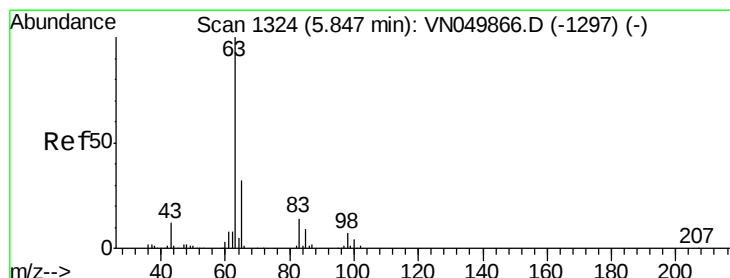
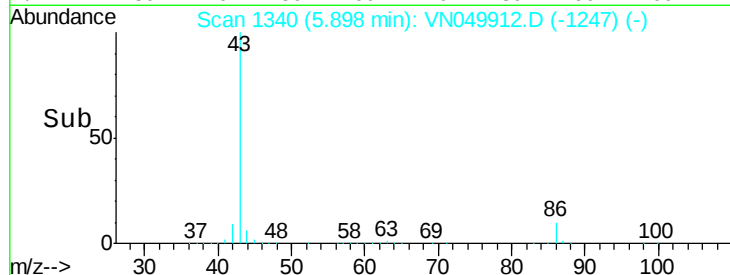
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.86 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

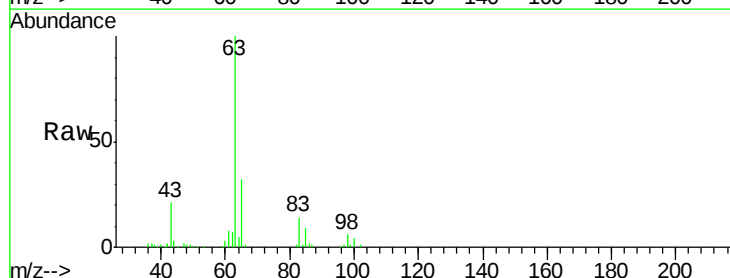
Tgt Ion: 63 Resp: 263704

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

100000

80000

60000

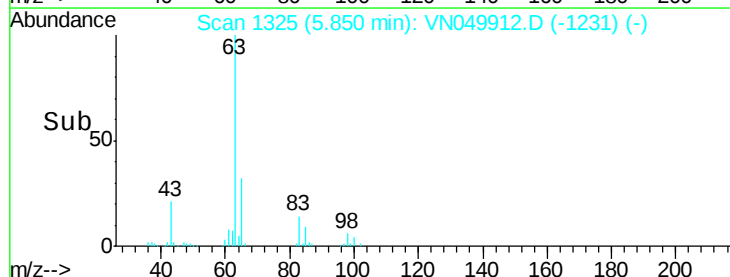
40000

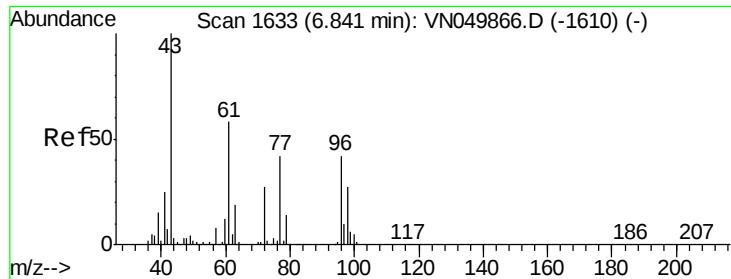
20000

0

5.70 5.80 5.90

Time-->

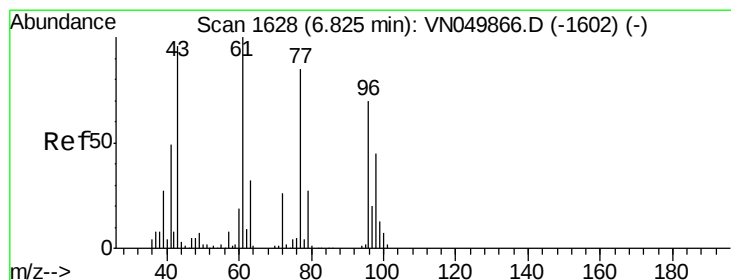
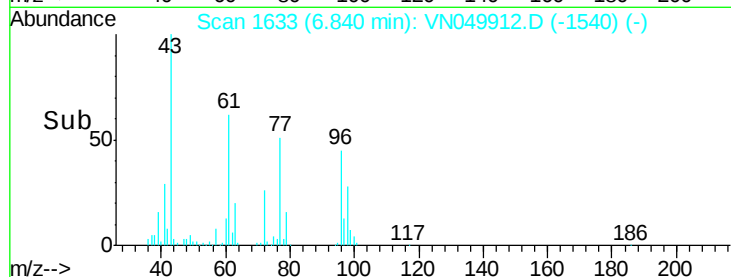
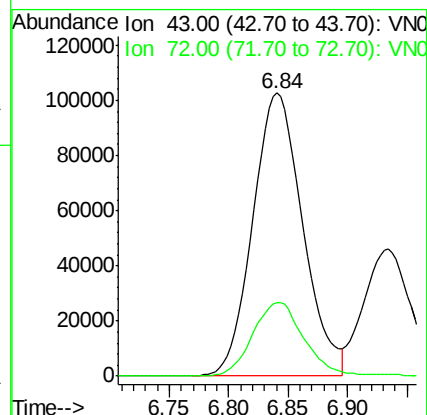
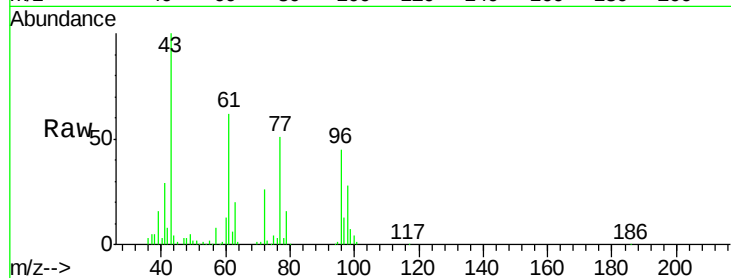




#25
 2-Butanone
 Concen: 98.18 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

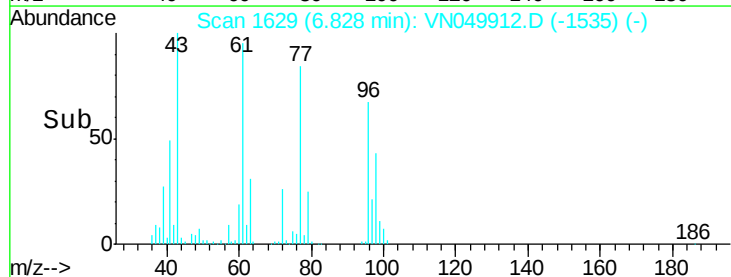
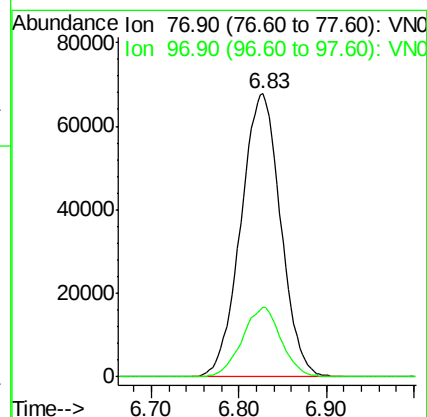
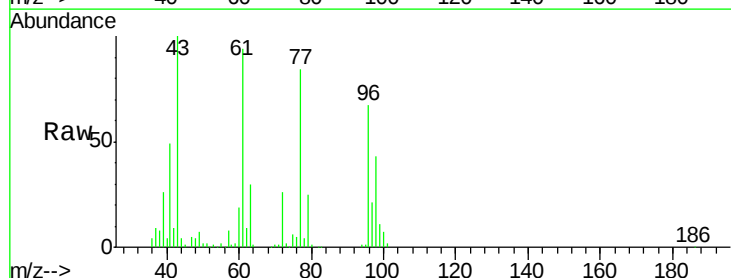
Instrument :
 MSVOA_N
 ClientSampled :
 VN0719WBSD01

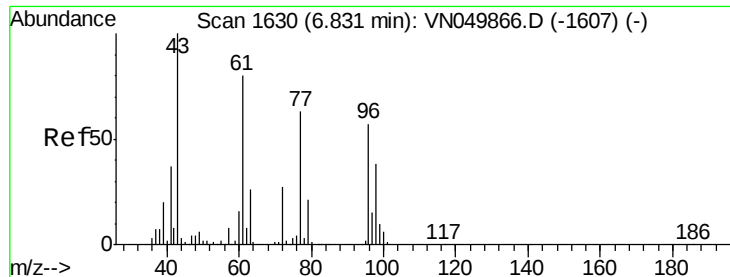
Tot Ion: 43 Resp: 296122
 Ion Ratio Lower Upper
 43 100
 72 26.1 22.1 33.1



#26
 2,2-Dichloropropane
 Concen: 20.70 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion: 77 Resp: 213867
 Ion Ratio Lower Upper
 77 100
 97 23.9 11.9 35.5

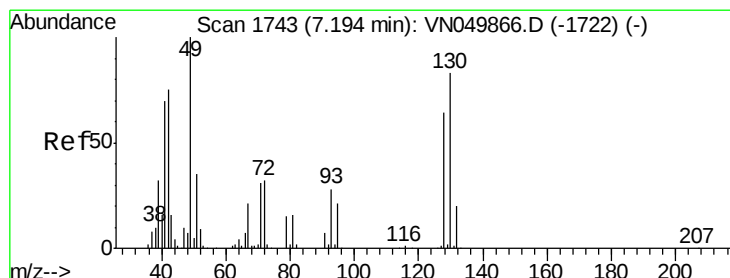
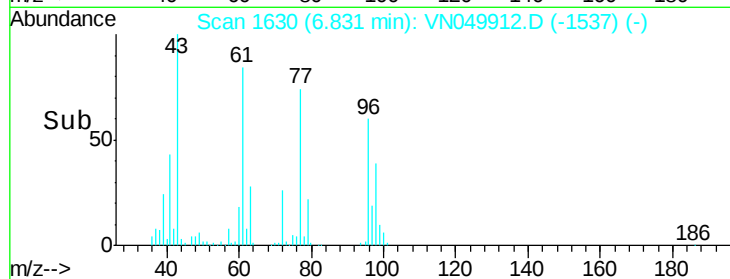
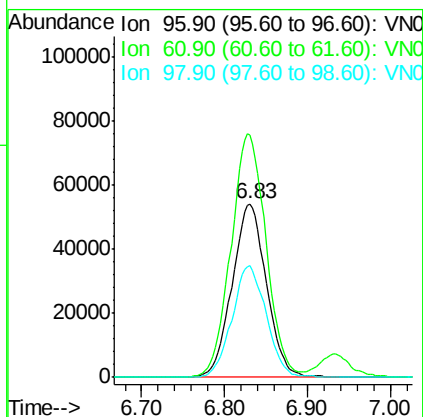
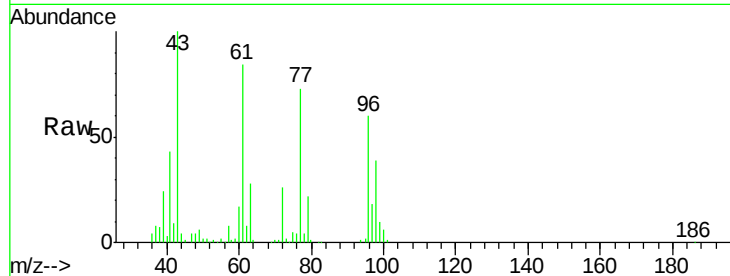




#27
 cis-1,2-Dichloroethene
 Concen: 20.81 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

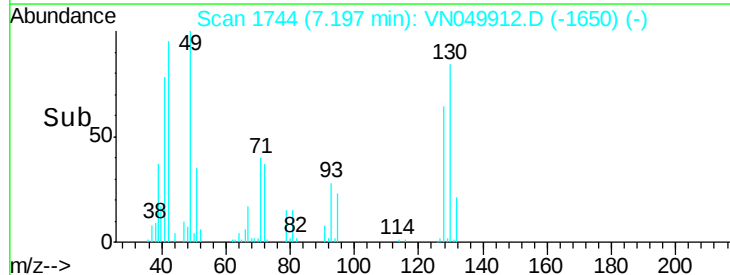
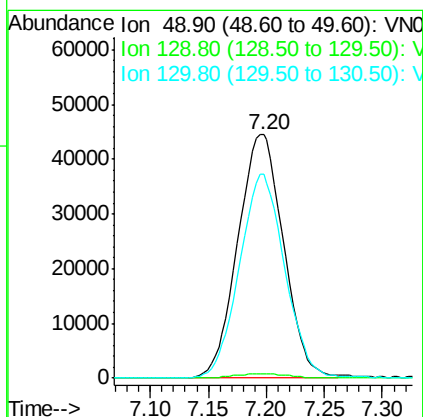
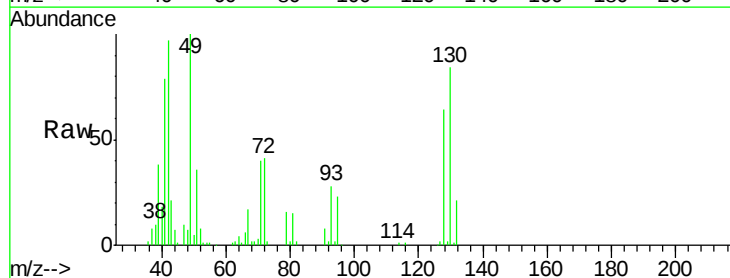
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

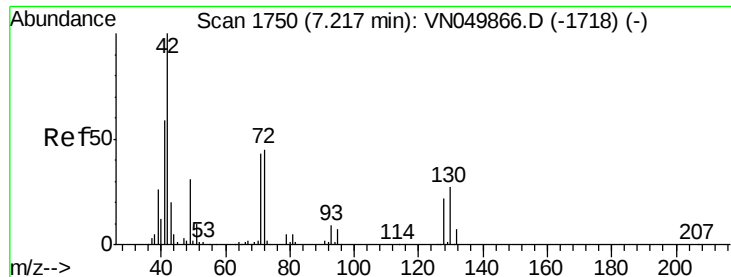
Tot Ion: 96 Resp: 155877
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 289.0
 98 64.2 0.0 130.2



#28
 Bromochloromethane
 Concen: 20.31 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion: 49 Resp: 121760
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 83.4 65.5 98.3

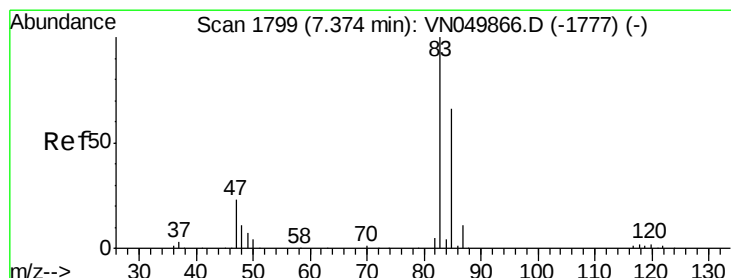
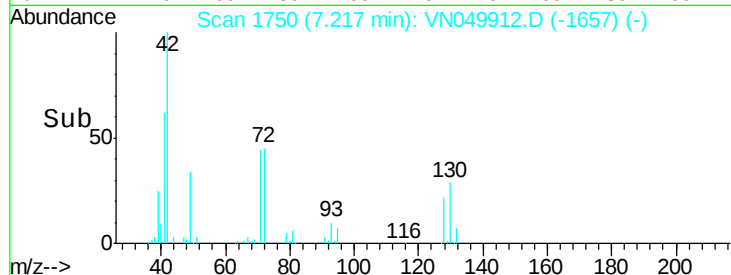
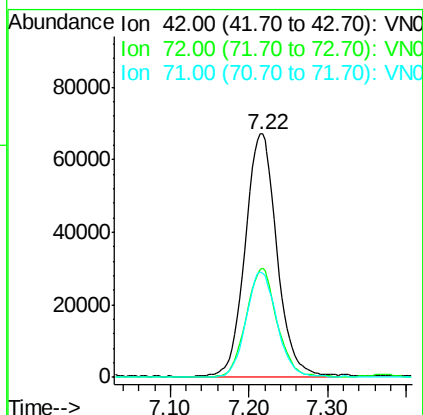
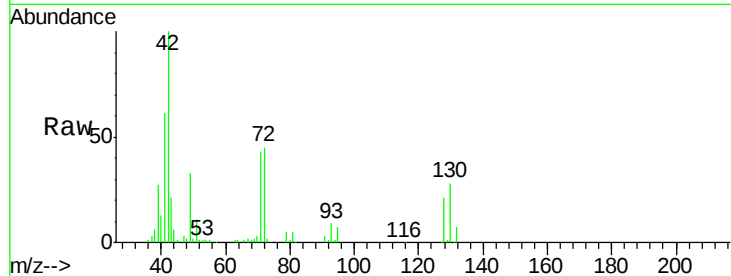




#29
Tetrahydrofuran
Concen: 100.97 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

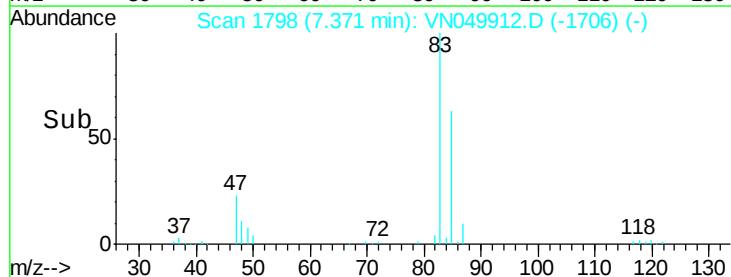
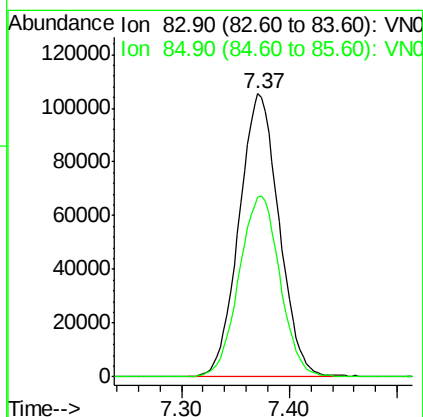
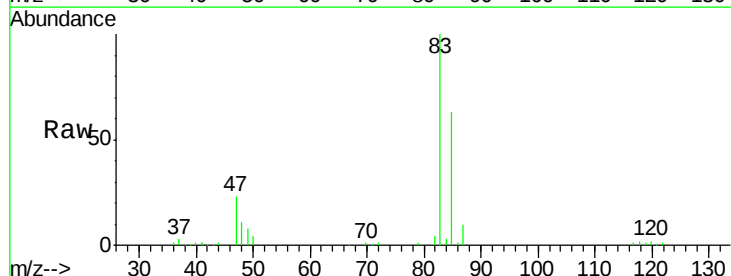
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

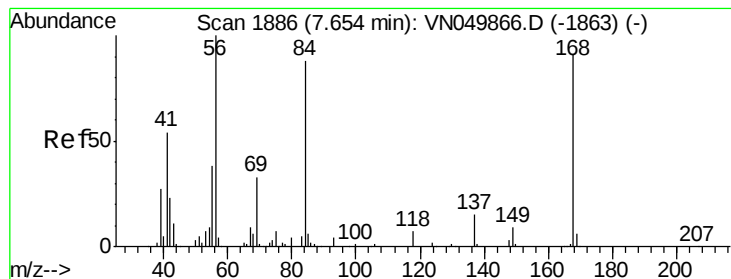
Tot Ion: 42 Resp: 191843
Ion Ratio Lower Upper
42 100
72 43.7 35.6 53.4
71 42.2 34.0 51.0



#30
Chloroform
Concen: 19.92 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 83 Resp: 271572
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2





#31

Cyclohexane

Concen: 20.38 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampled :

VN0719WBSD01

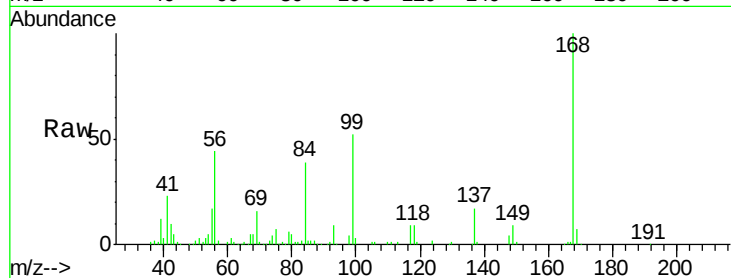
Tot Ion: 56 Resp: 220304

Ion Ratio Lower Upper

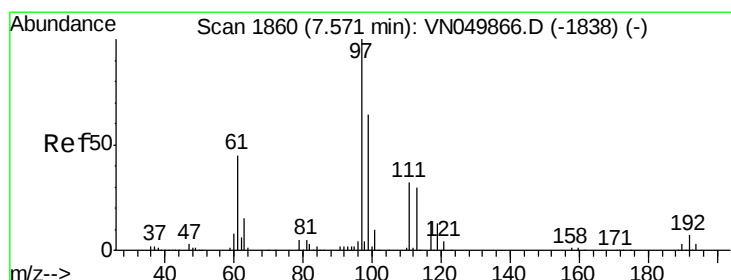
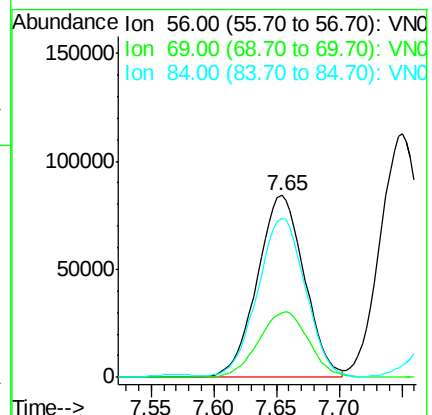
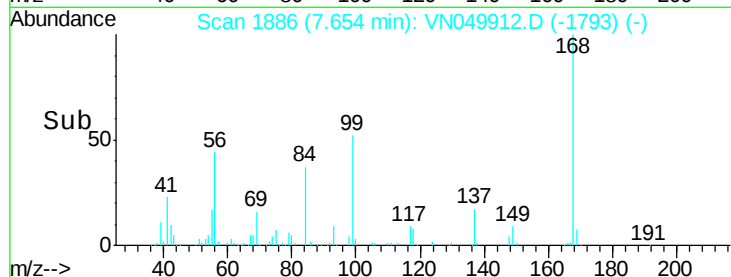
56 100

69 35.6 26.6 40.0

84 86.4 69.0 103.6



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: 19.68 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

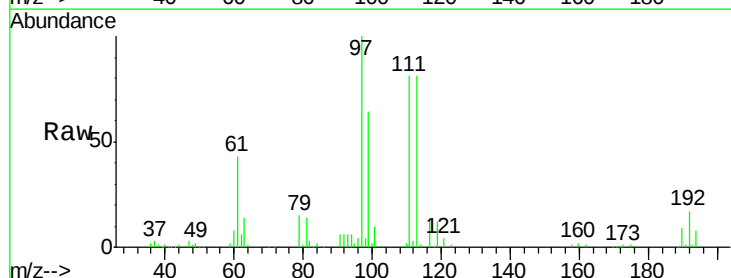
Tgt Ion: 97 Resp: 231897

Ion Ratio Lower Upper

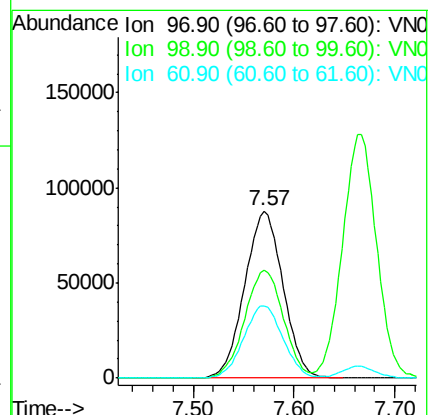
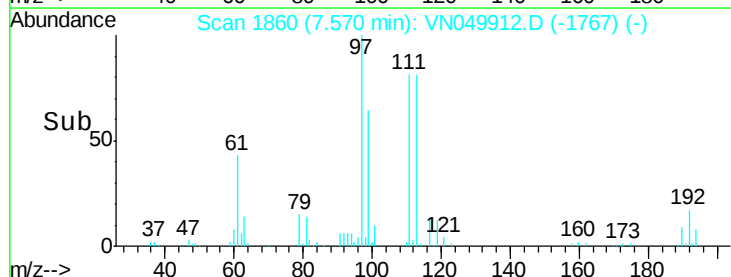
97 100

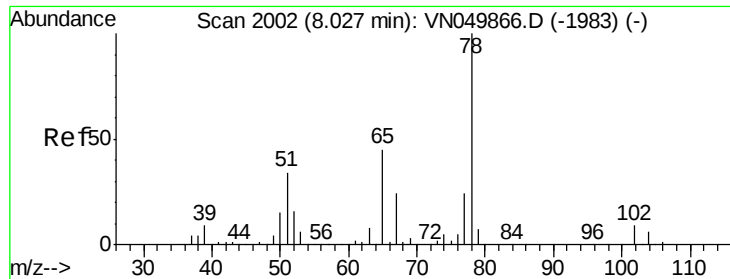
99 65.4 51.0 76.4

61 44.2 35.5 53.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

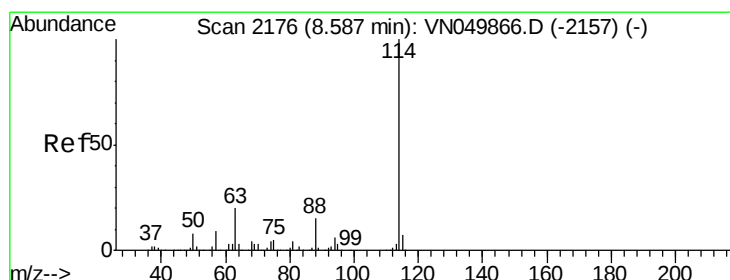
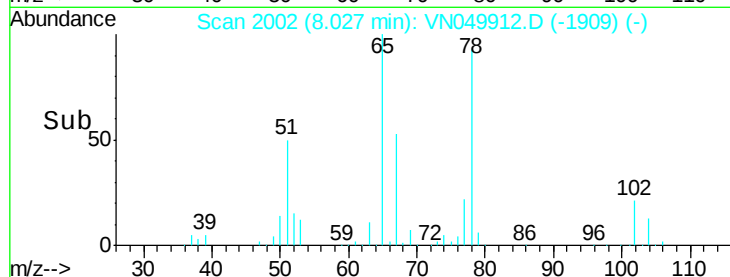
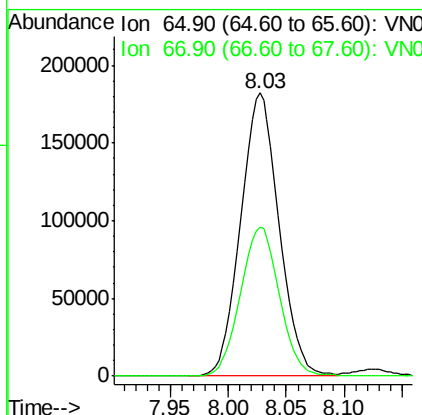
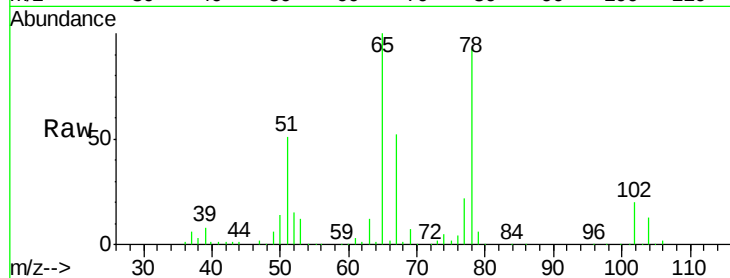




#33
 1,2-Dichloroethane-d4
 Concen: 51.42 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

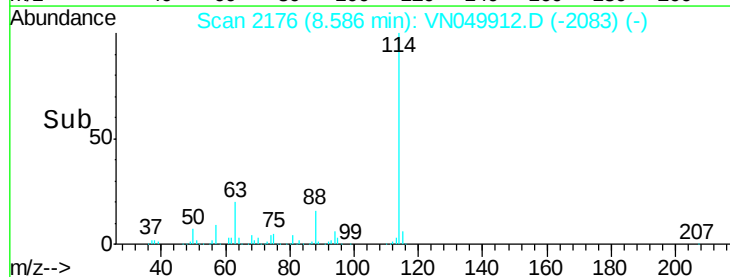
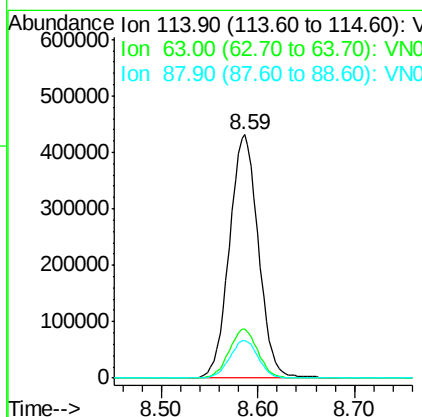
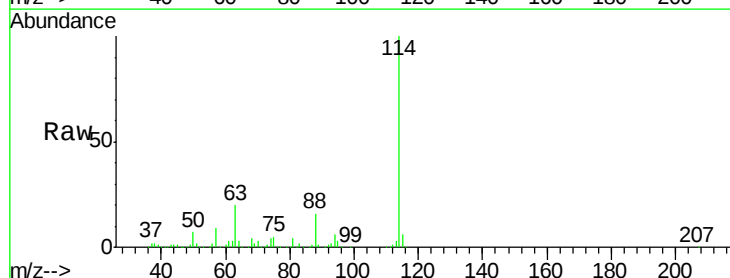
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

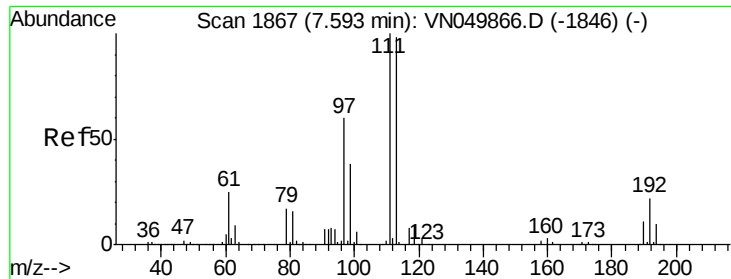
Tot Ion: 65 Resp: 419149
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion: 114 Resp: 897196
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 30.6

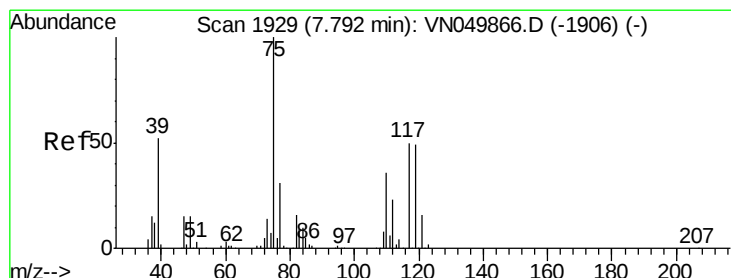
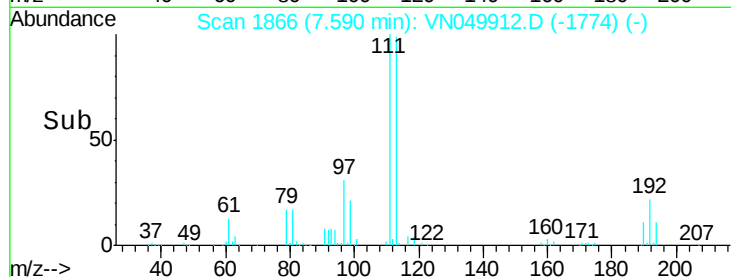
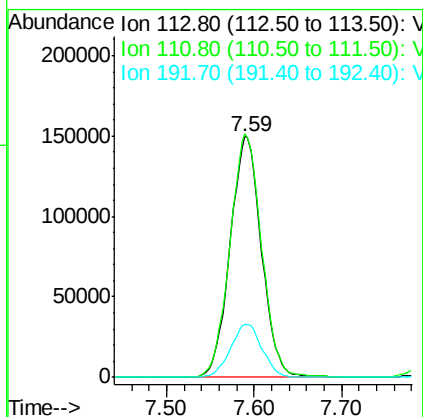
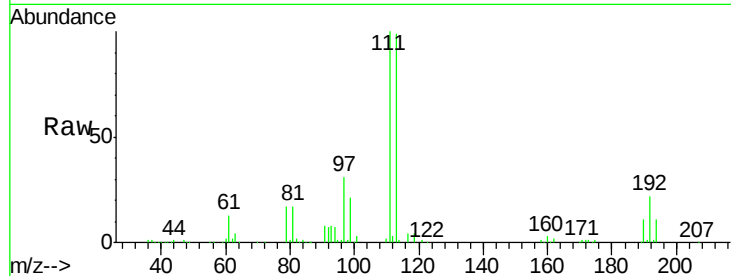




#35
Dibromofluoromethane
Concen: 49.27 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

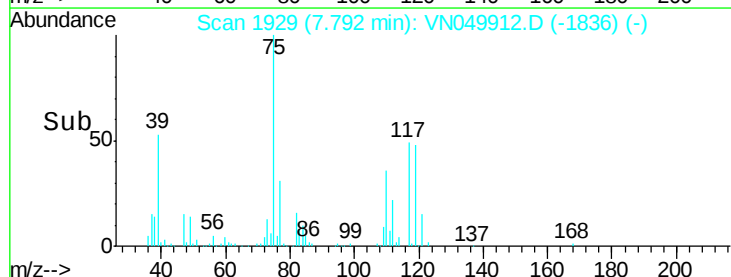
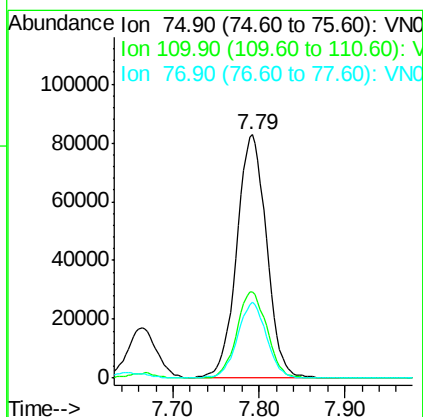
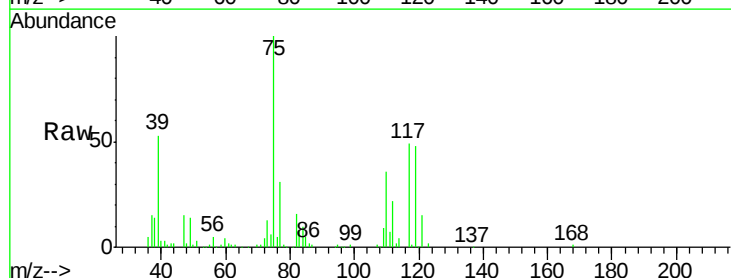
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

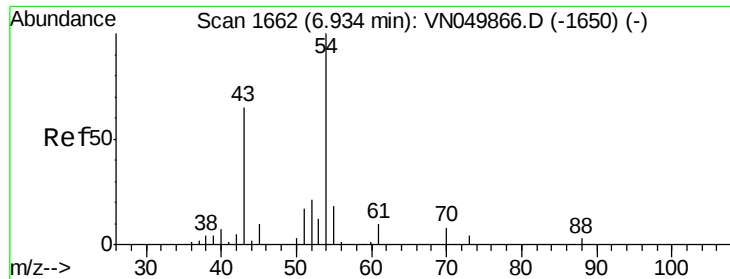
Tot Ion:113 Resp: 371084
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 22.3 17.8 26.6



#36
1,1-Dichloropropene
Concen: 20.01 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 75 Resp: 199606
Ion Ratio Lower Upper
75 100
110 35.8 18.1 54.4
77 30.5 24.9 37.3

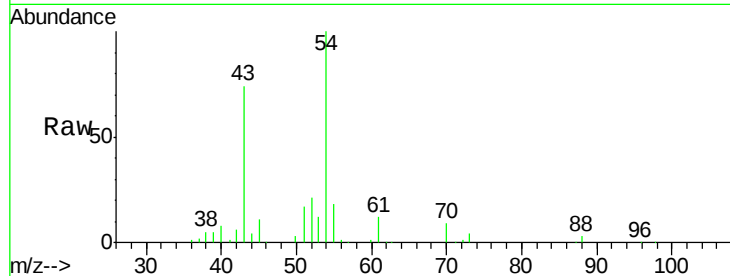




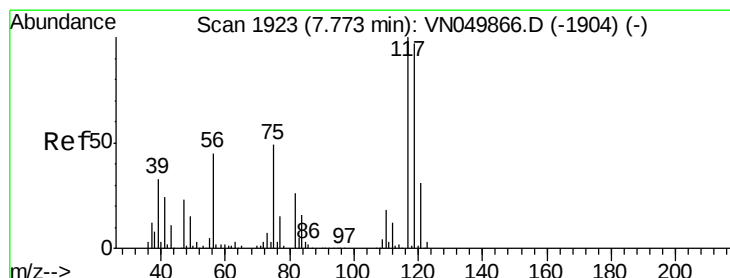
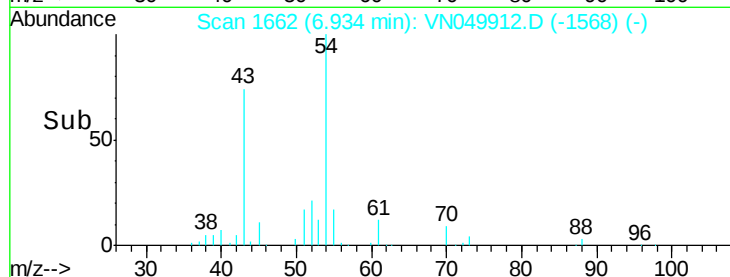
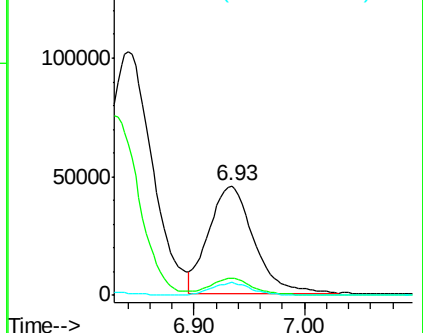
#37
Ethyl Acetate
Concen: 18.82 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Instrument :
MSVOA_N
ClientSampled :
VN0719WBSD01

Tot Ion: 43 Resp: 128928
Ion Ratio Lower Upper
43 100
61 14.8 11.7 17.5
70 10.5 8.4 12.6

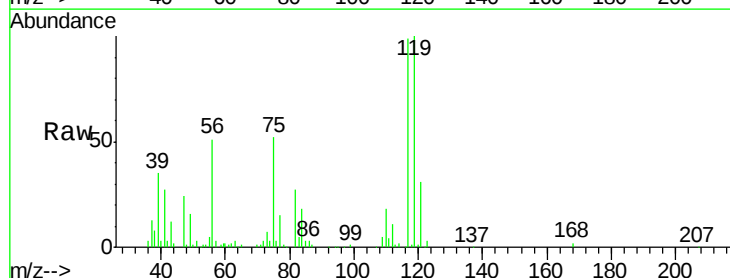


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

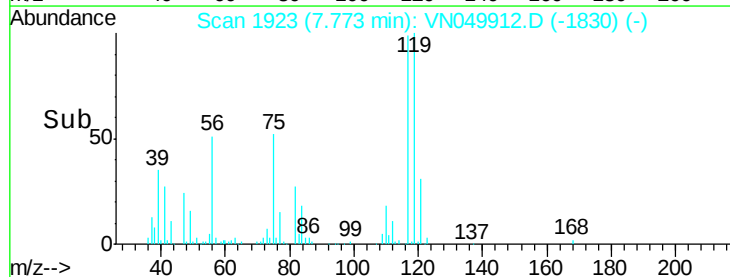
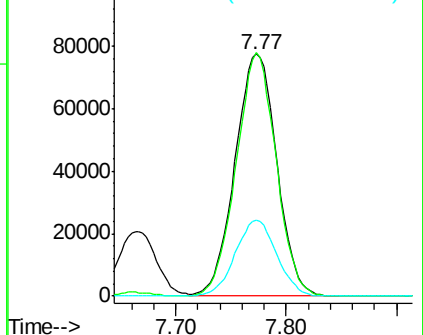


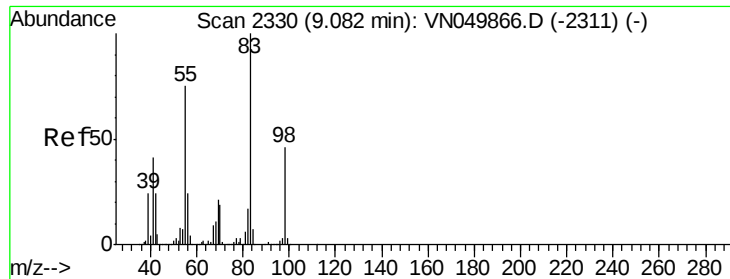
#38
Carbon Tetrachloride
Concen: 18.97 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 117 Resp: 202741
Ion Ratio Lower Upper
117 100
119 100.6 77.2 115.8
121 31.4 25.0 37.6



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

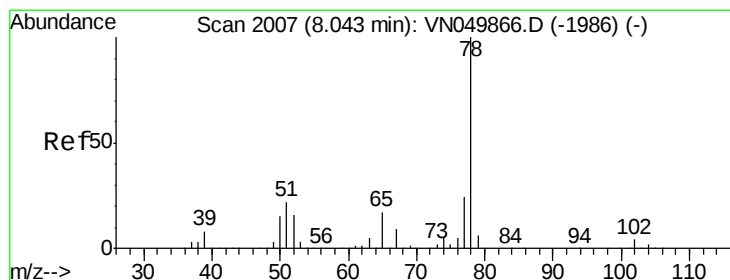
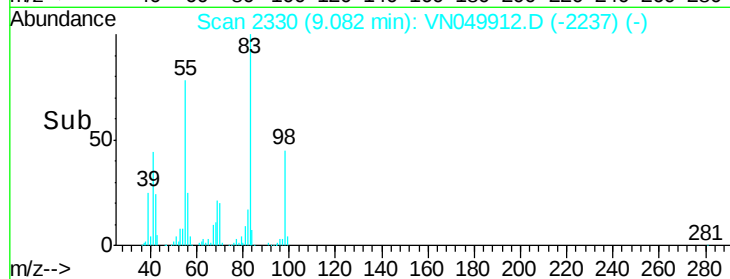
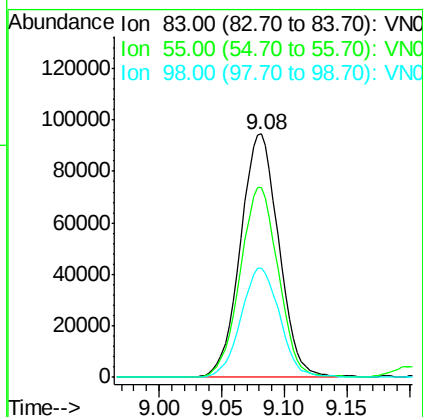
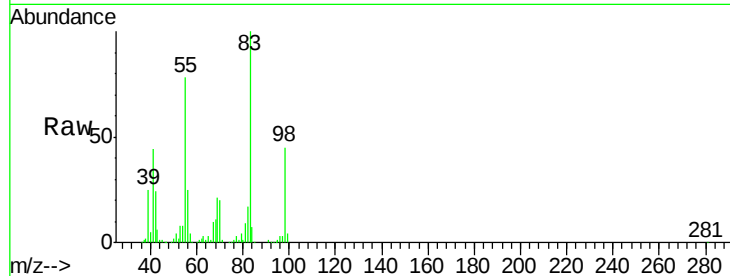




#39
Methvlcvclohexane
Concen: 19.50 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

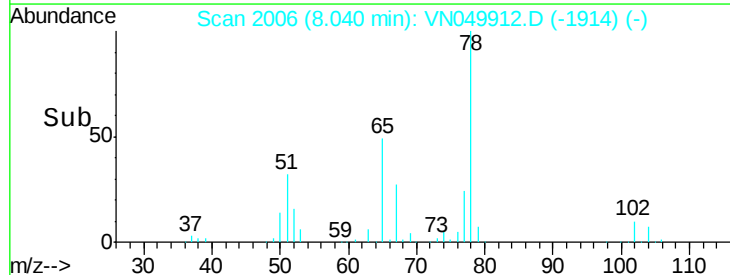
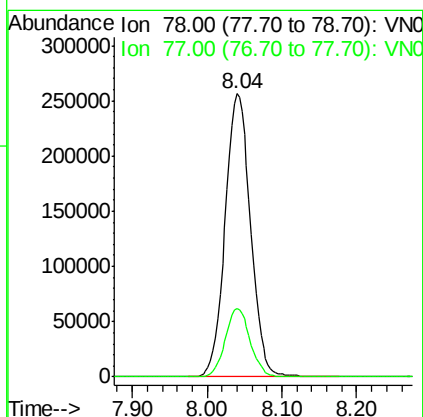
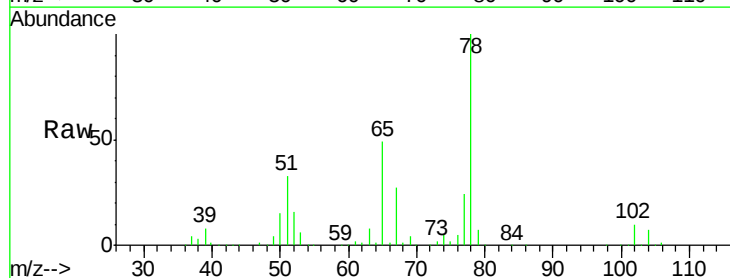
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

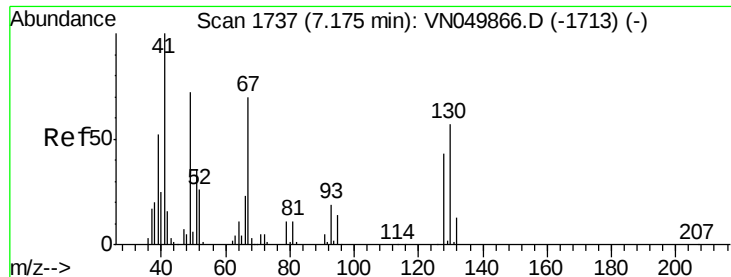
Tot Ion: 83 Resp: 200995
Ion Ratio Lower Upper
83 100
55 77.9 59.7 89.5
98 44.9 36.5 54.7



#40
Benzene
Concen: 19.80 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 78 Resp: 602080
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

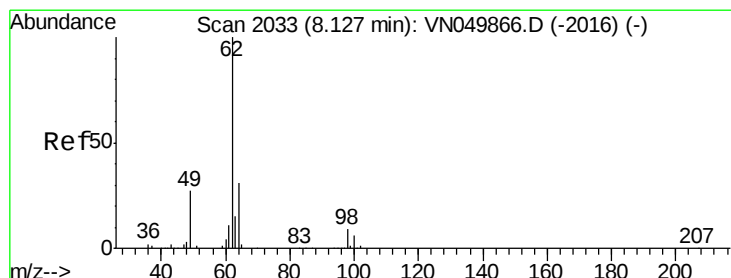
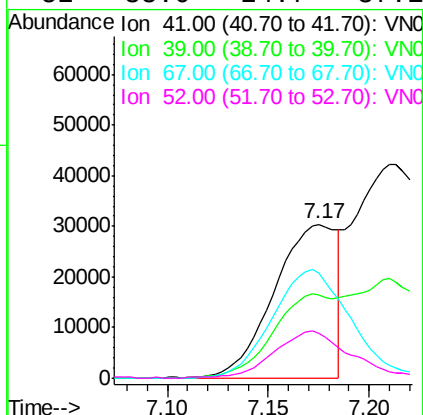
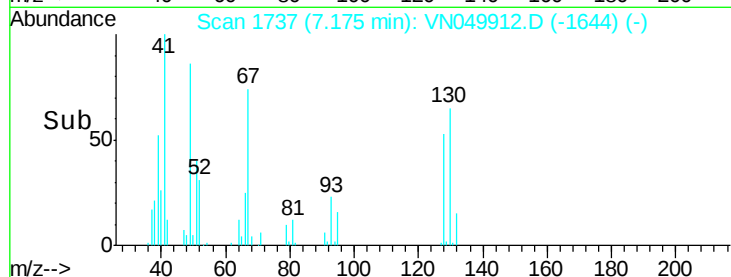
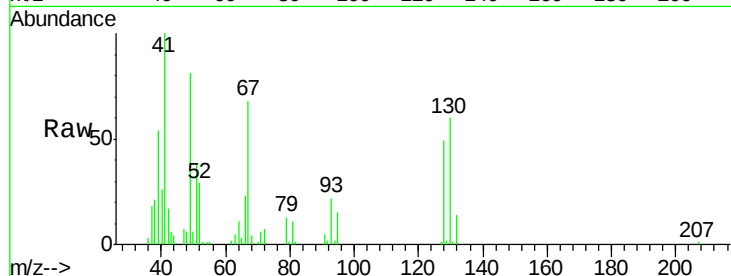




#41
Methacrylonitrile
Concen: 19.12 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

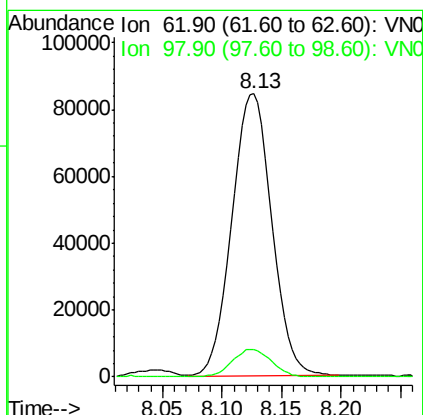
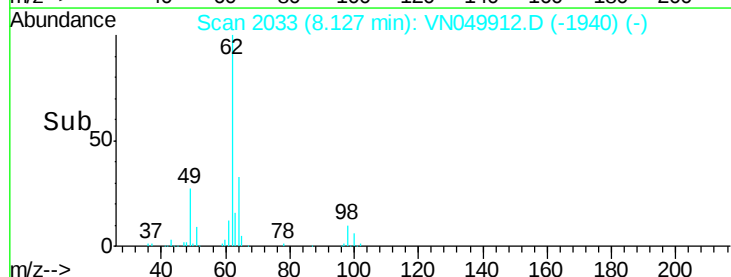
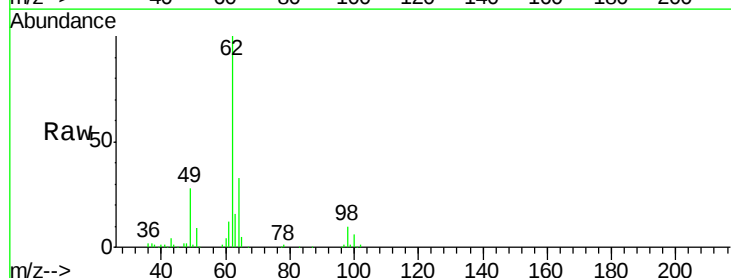
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

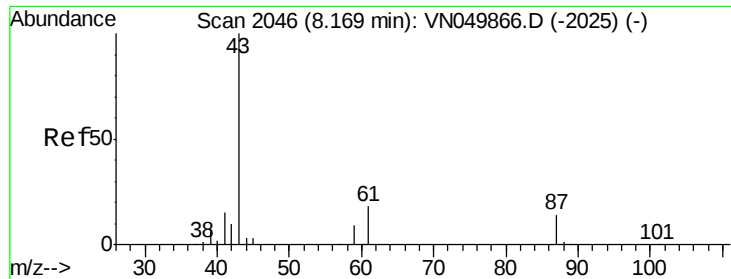
Tot Ion: 41 Resp: 65674
Ion Ratio Lower Upper
41 100
39 50.2 45.4 68.2
67 0.0 65.4 98.0#
52 38.0 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 19.51 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 62 Resp: 196476
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.0





#43

Isopropyl Acetate

Concen: 21.60 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

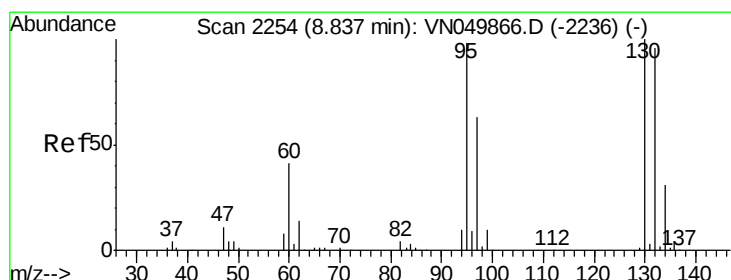
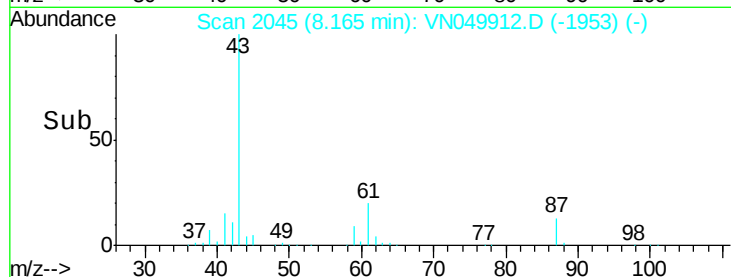
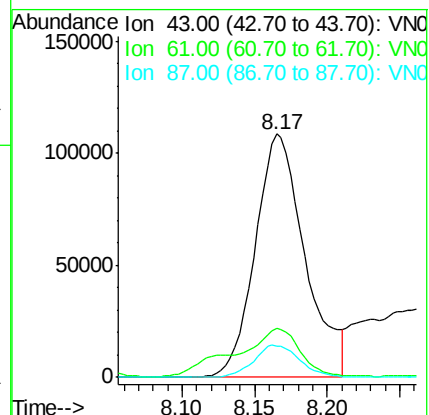
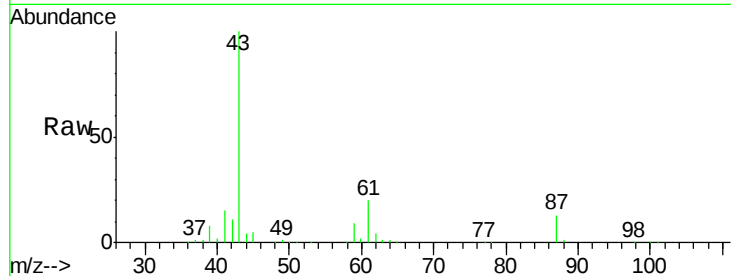
Tot Ion: 43 Resp: 258463

Ion Ratio Lower Upper

43 100

61 26.0 14.9 22.3#

87 12.2 10.0 15.0



#44

Trichloroethene

Concen: 19.65 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049912.D

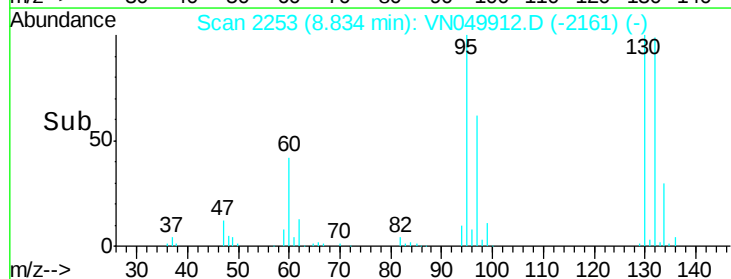
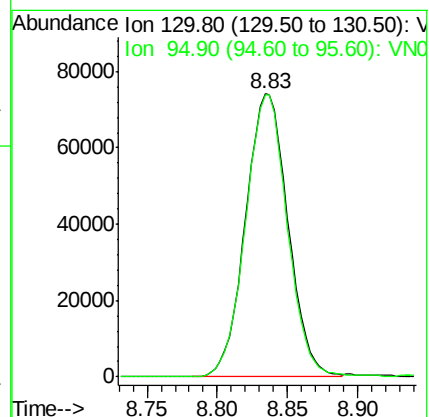
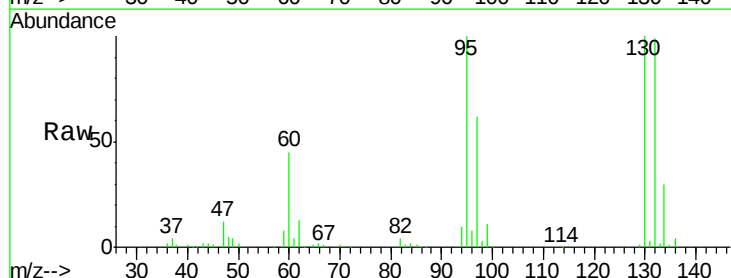
Acq: 19 Jul 2018 13:24

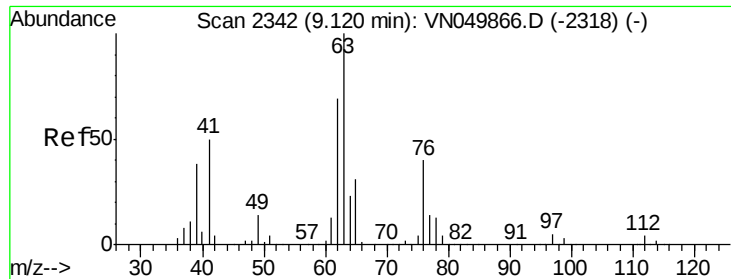
Tgt Ion:130 Resp: 156653

Ion Ratio Lower Upper

130 100

95 99.7 0.0 192.8

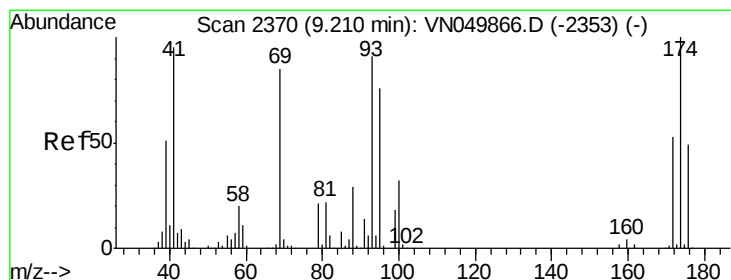
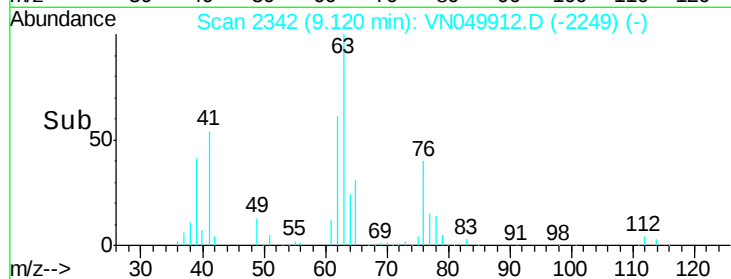
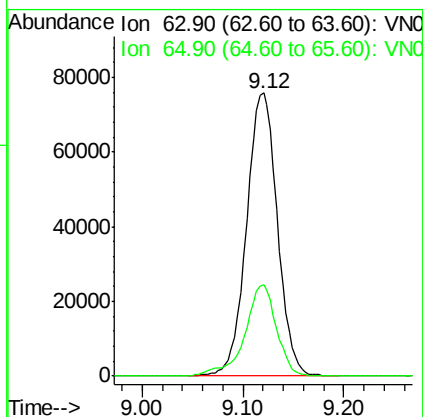
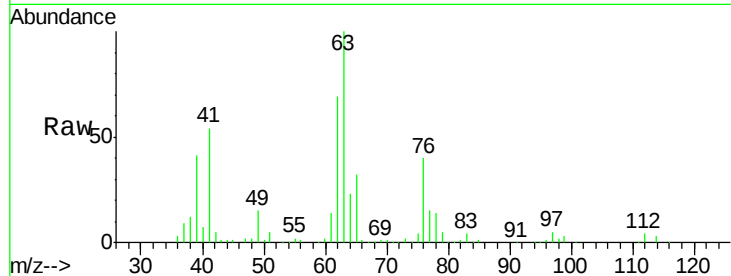




#45
 1,2-Dichloropropane
 Concen: 19.52 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

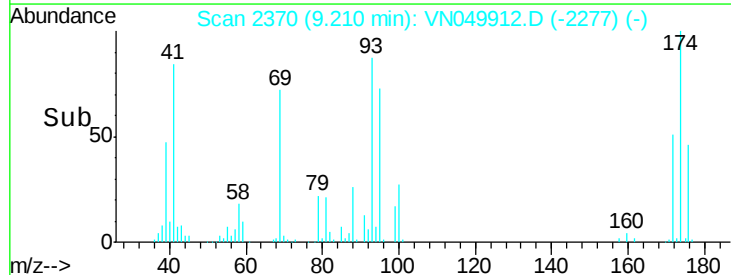
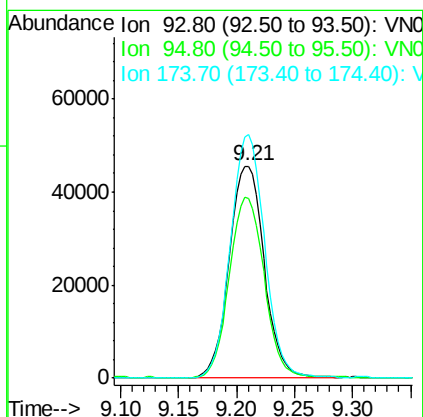
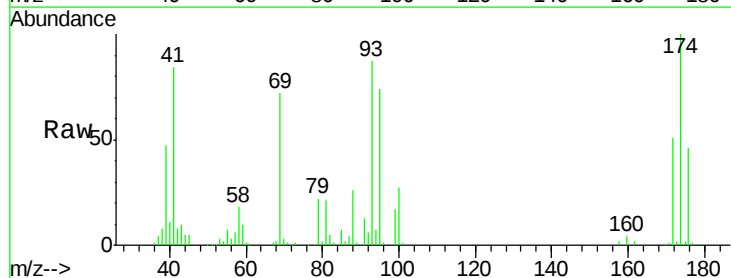
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

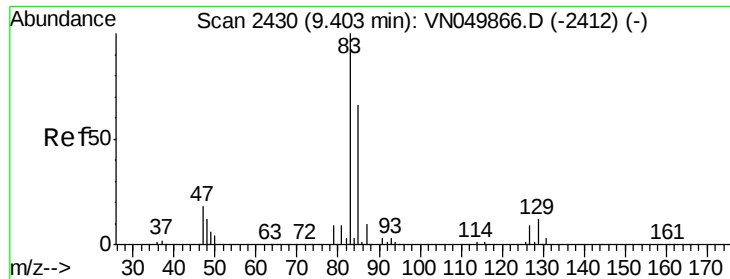
Tot Ion: 63 Resp: 160090
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.7 37.1



#46
 Dibromomethane
 Concen: 18.89 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion: 93 Resp: 96075
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.9 101.9
 174 111.8 89.4 134.0





#47

Bromodichloromethane

Concen: 19.62 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampled :

VN0719WBSD01

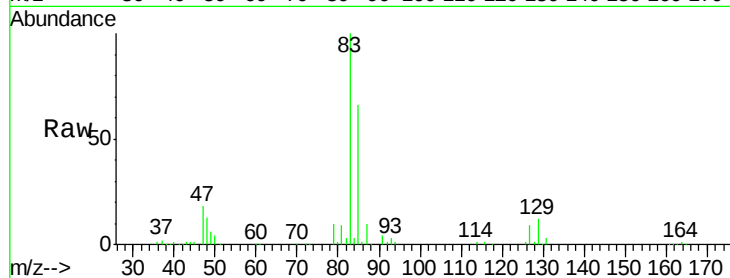
Tot Ion: 83 Resp: 206453

Ion Ratio Lower Upper

83 100

85 65.7 50.5 75.7

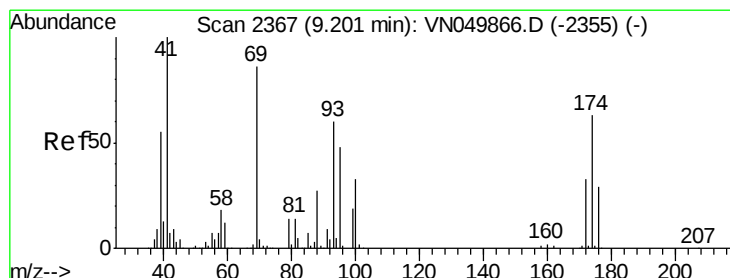
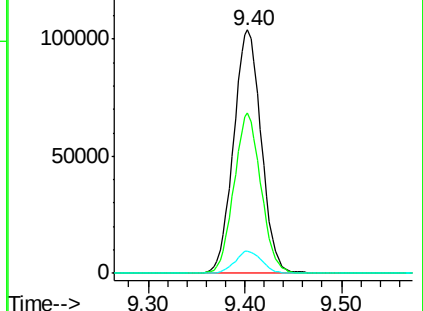
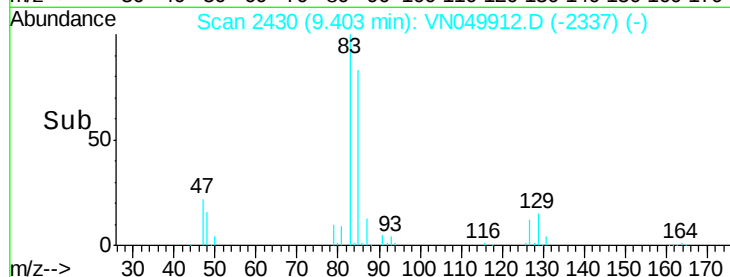
127 9.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049912.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049912.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049912.D (-2337) (-)



#48

Methyl methacrylate

Concen: 19.02 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

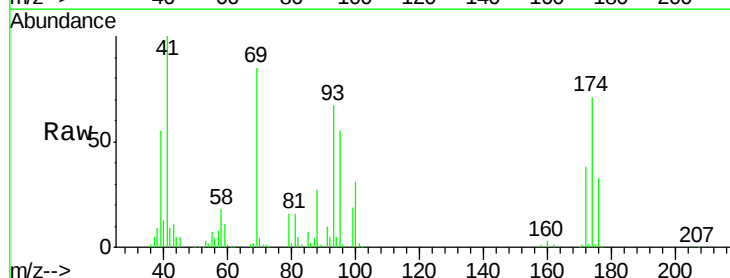
Tgt Ion: 41 Resp: 114205

Ion Ratio Lower Upper

41 100

69 87.8 71.5 107.3

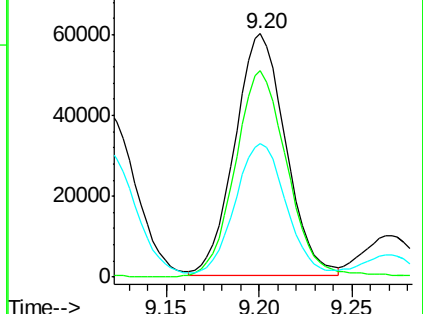
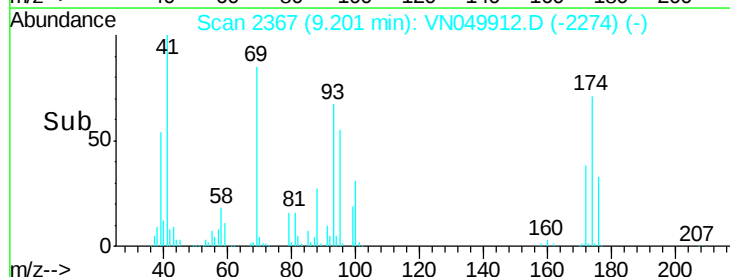
39 55.4 44.7 67.1

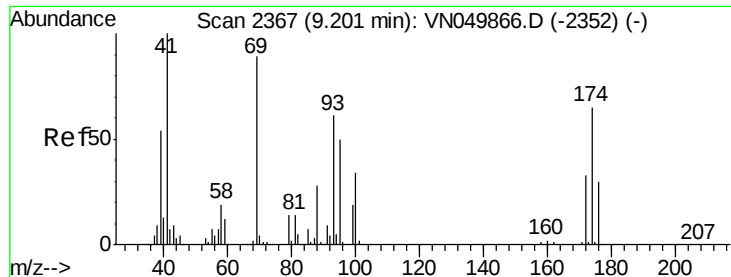


Abundance Ion 41.00 (40.70 to 41.70): VN049912.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049912.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049912.D (-2274) (-)





#49

1,4-Dioxane

Concen: 412.06 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

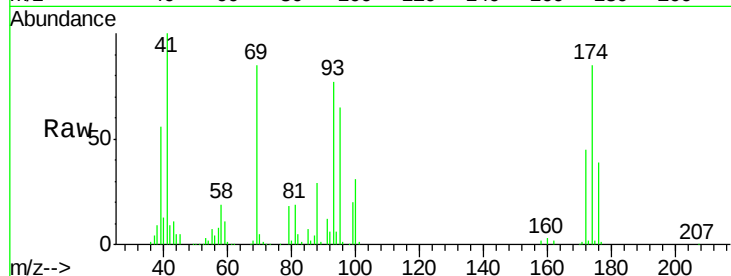
Tot Ion: 88 Resp: 35092

Ion Ratio Lower Upper

88 100

43 33.9 25.1 37.7

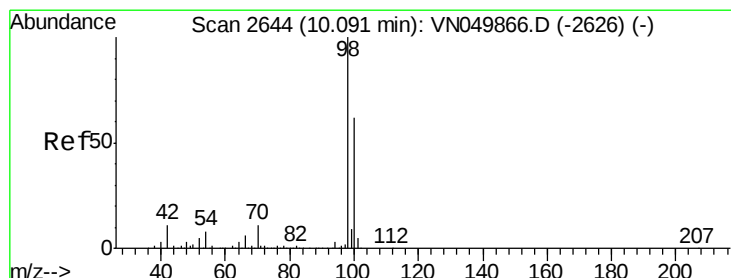
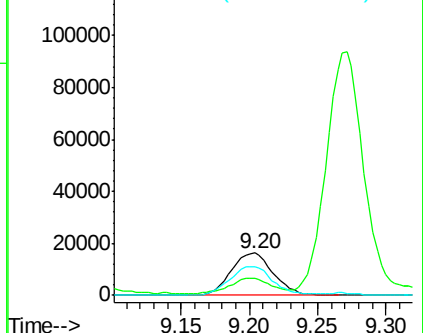
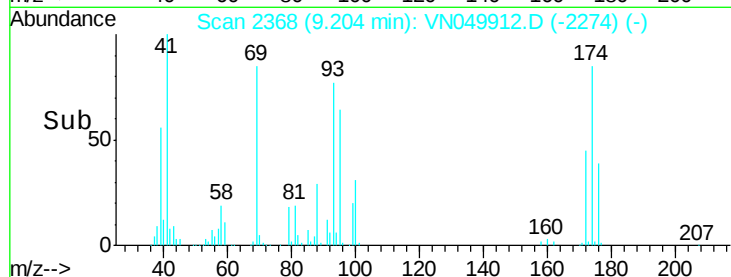
58 68.8 52.5 78.7



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: 49.72 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049912.D

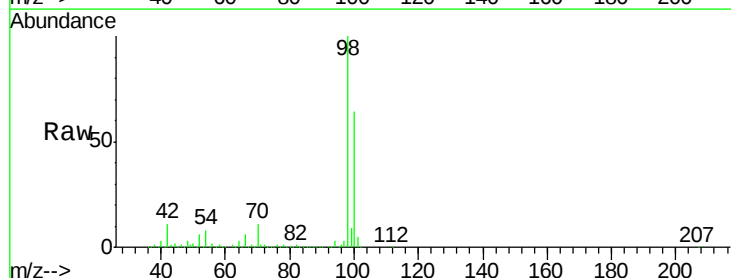
Acq: 19 Jul 2018 13:24

Tgt Ion: 98 Resp: 1364413

Ion Ratio Lower Upper

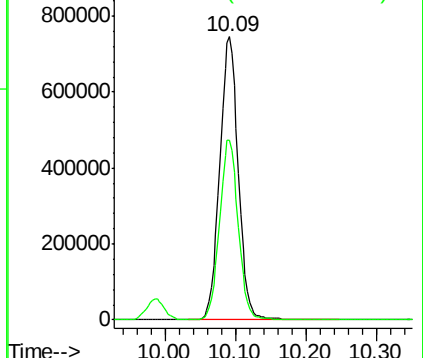
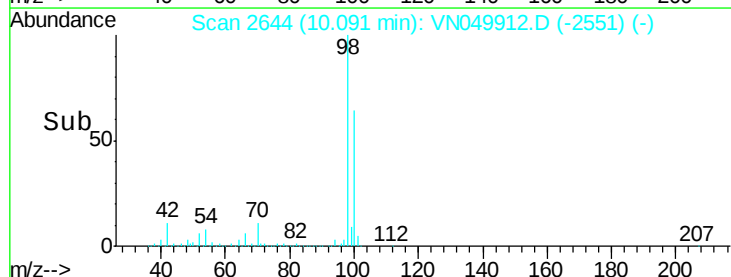
98 100

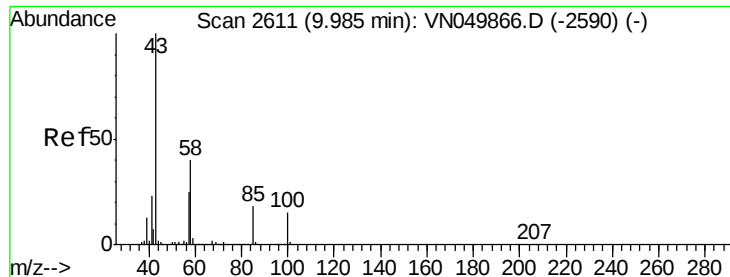
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

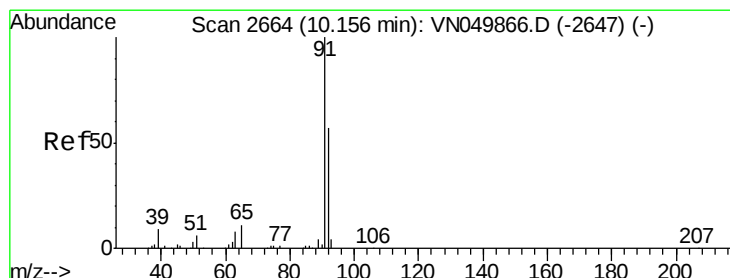
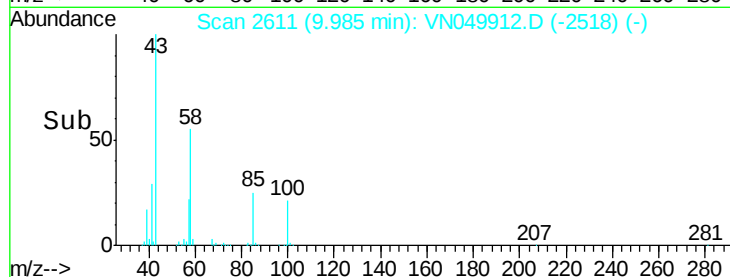
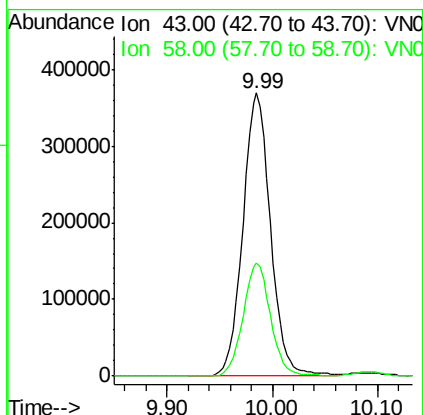
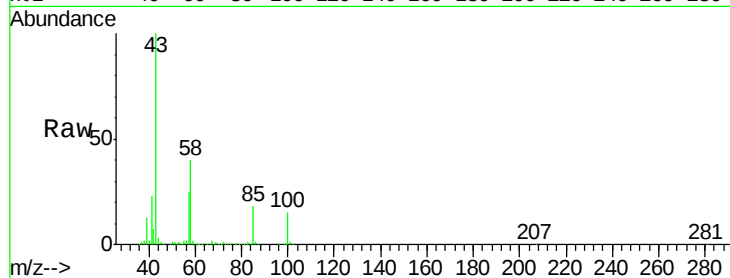




#51
4-Methyl-2-Pentanone
Concen: 99.79 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

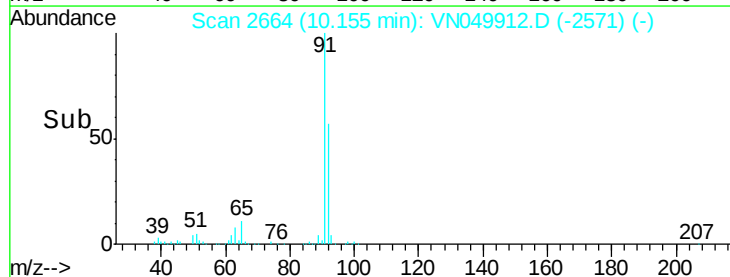
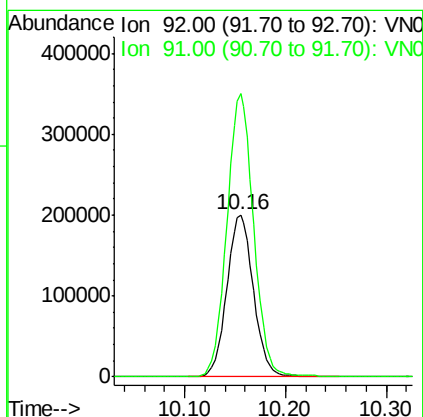
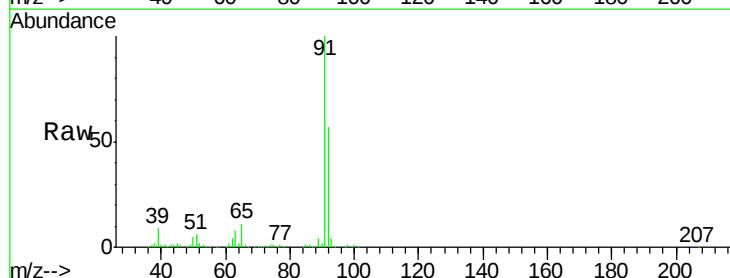
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

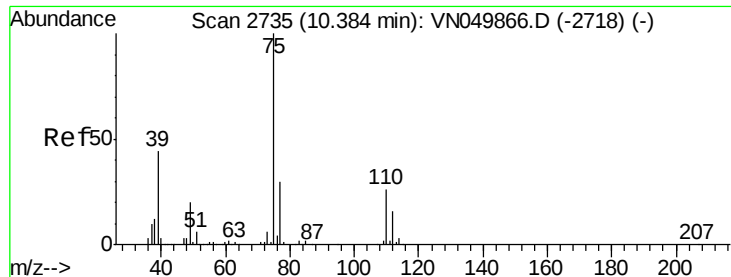
Tot Ion: 43 Resp: 667577
Ion Ratio Lower Upper
43 100
58 39.9 31.8 47.8



#52
Toluene
Concen: 20.30 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 92 Resp: 368099
Ion Ratio Lower Upper
92 100
91 175.8 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 19.33 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

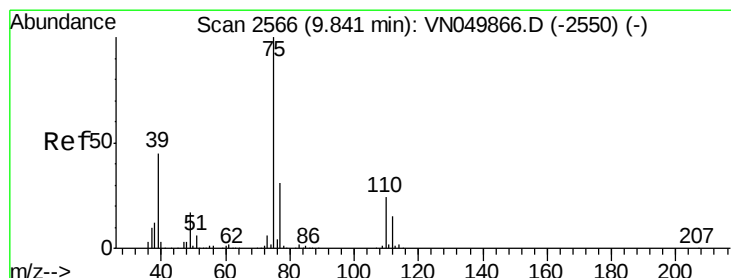
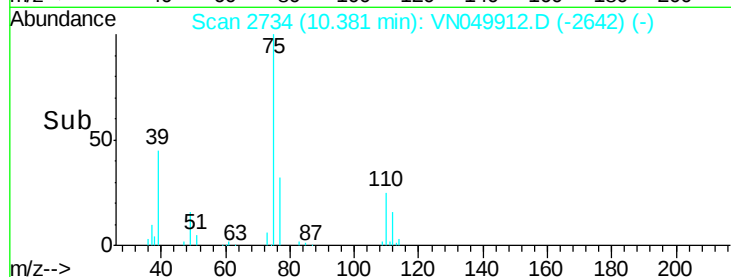
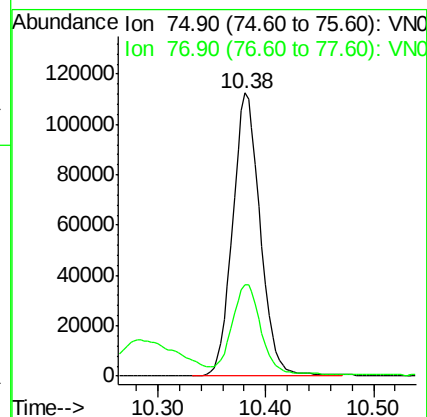
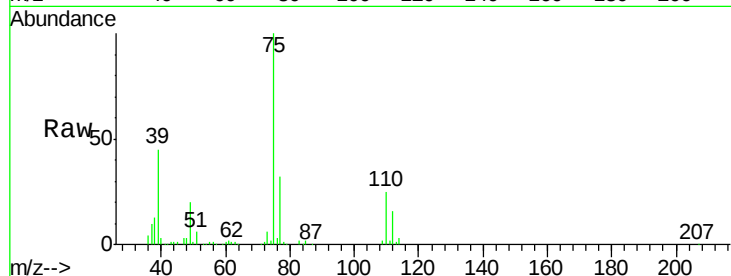
VN0719WBSD01

Tot Ion: 75 Resp: 201115

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.82 ug/l

RT: 9.84 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

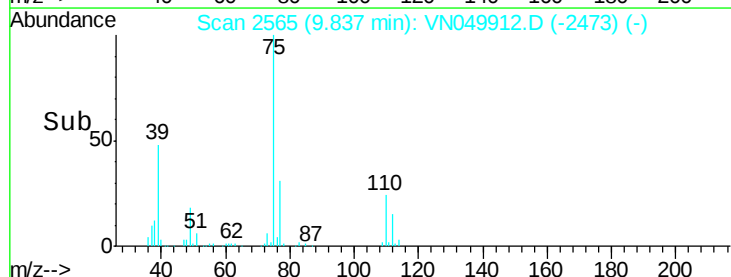
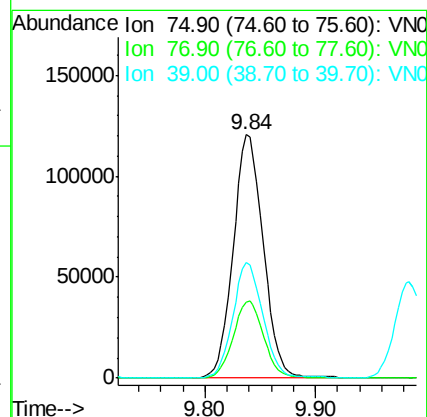
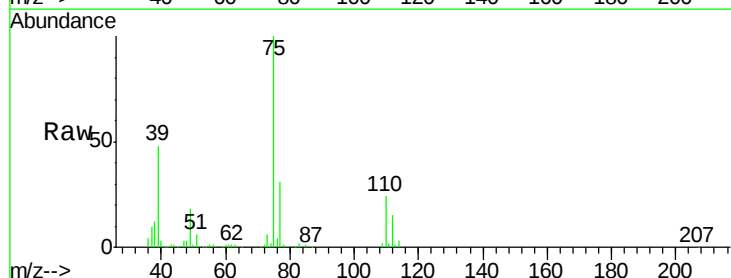
Tgt Ion: 75 Resp: 227904

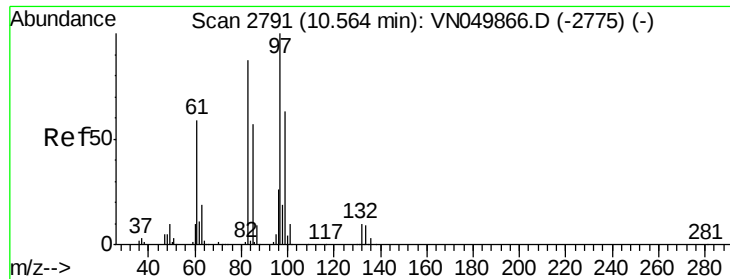
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 47.4 35.5 53.3

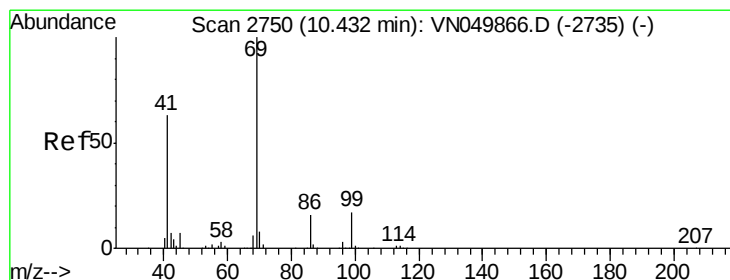
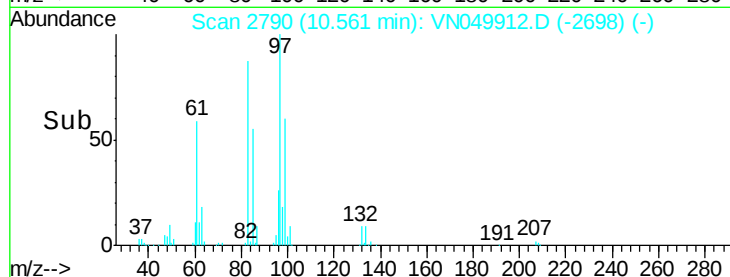
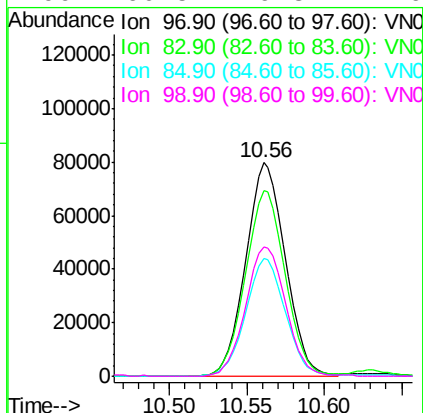
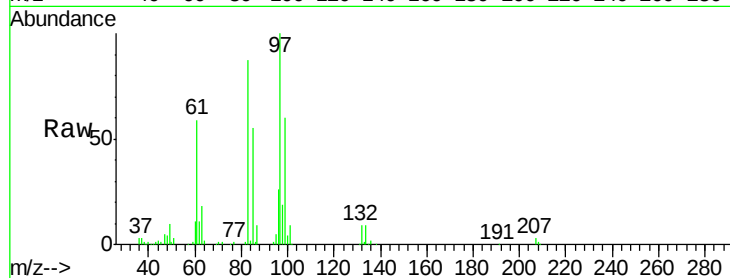




#55
 1,1,2-Trichloroethane
 Concen: 18.97 ug/l
 RT: 10.56 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

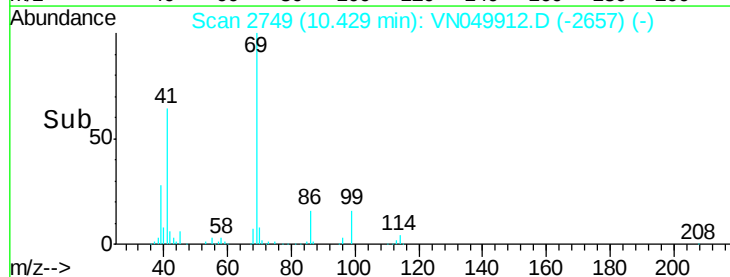
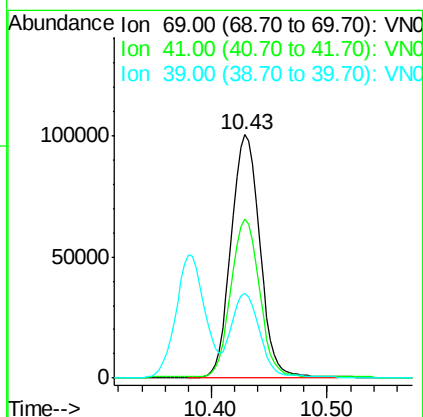
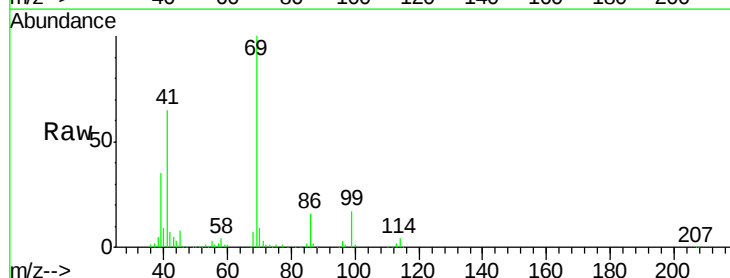
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

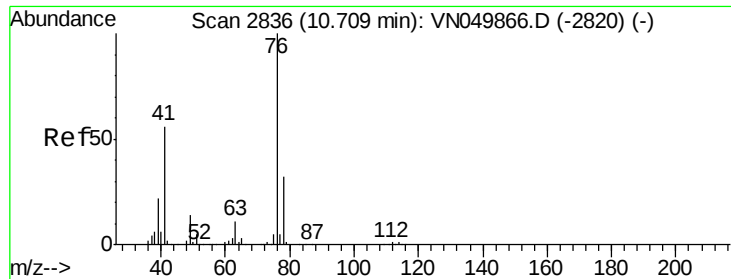
Tot Ion:	97	Resp:	142103
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.0	103.6
85	55.3	44.9	67.3
99	60.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.70 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion:	69	Resp:	173950
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.6	77.4
39	35.1	25.8	38.8

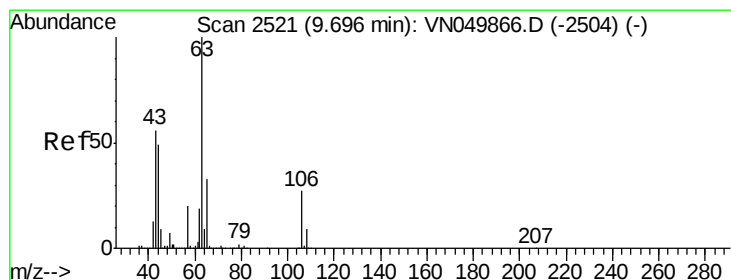
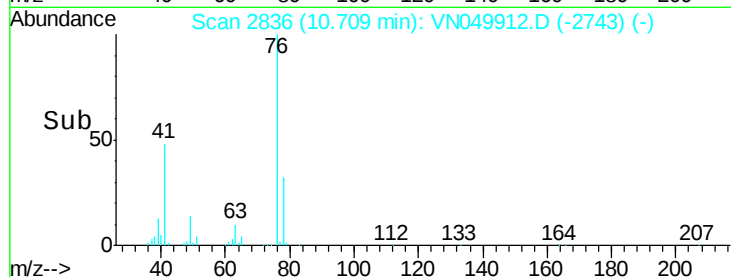
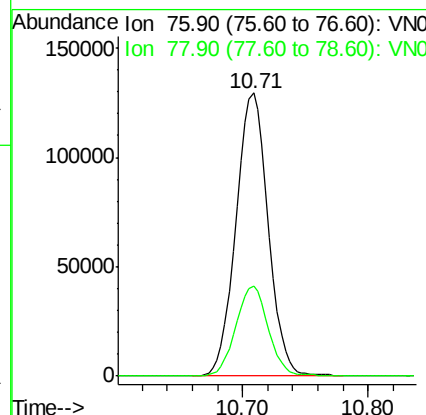
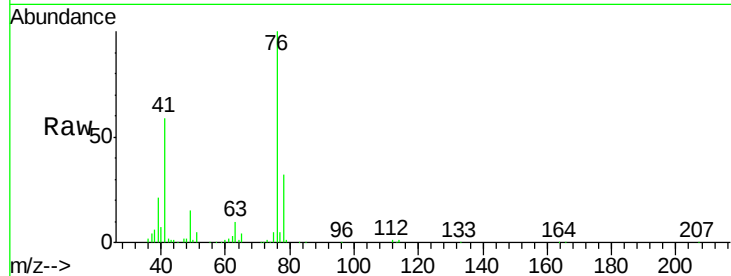




#57
 1,3-Dichloropropane
 Concen: 19.57 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

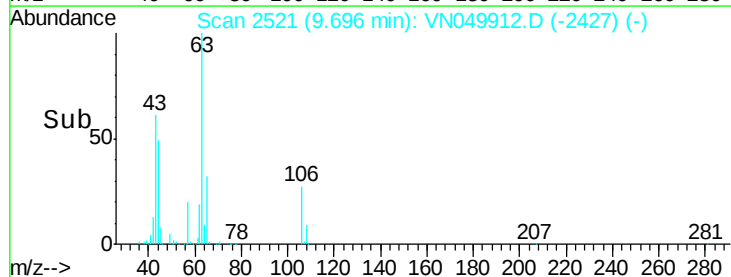
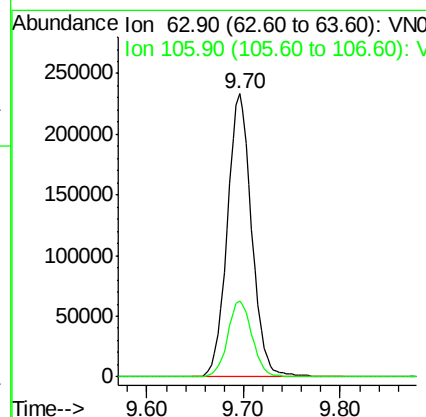
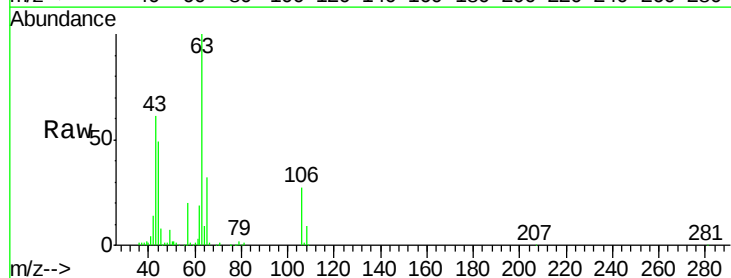
Instrument :
 MSVOA_N
 ClientSampled :
 VN0719WBSD01

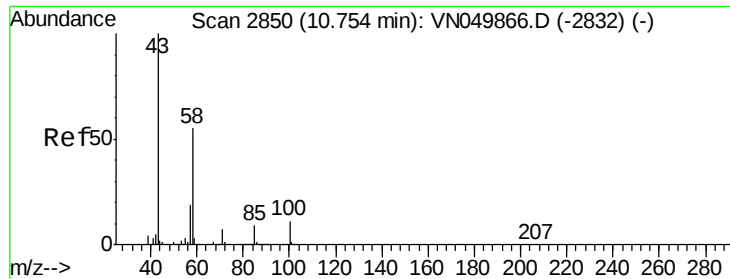
Tot Ion: 76 Resp: 230942
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.77 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion: 63 Resp: 408549
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.8

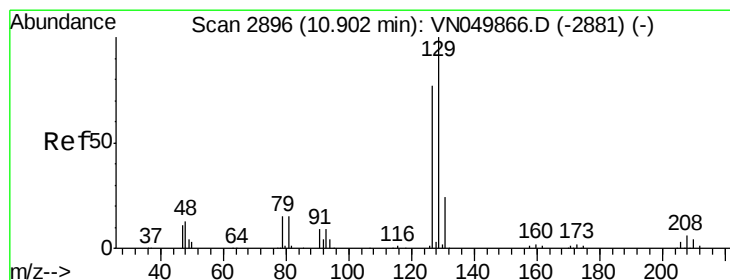
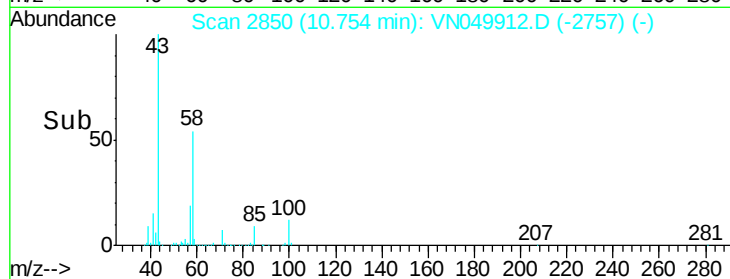
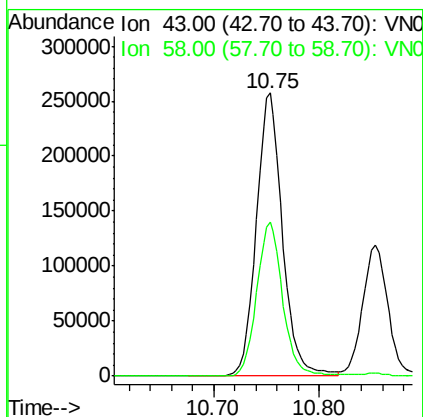
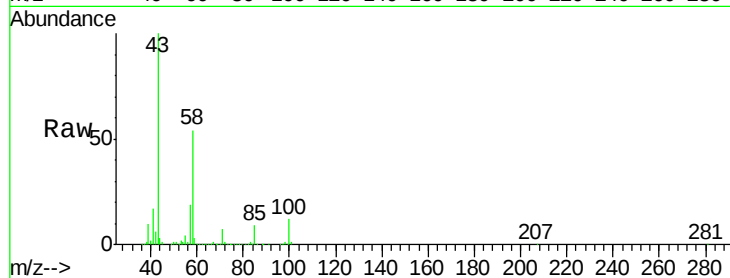




#59
2-Hexanone
Concen: 98.57 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

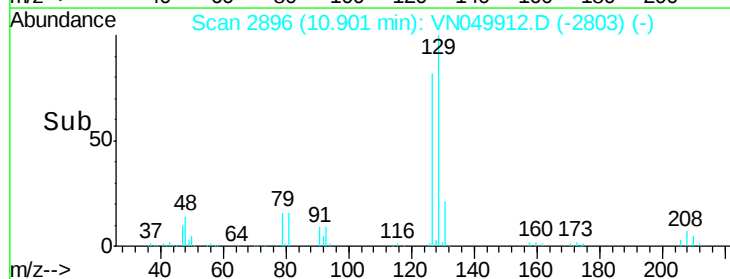
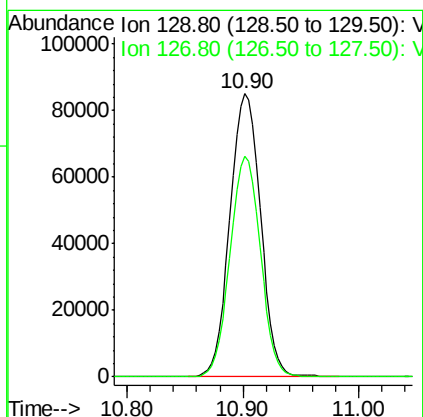
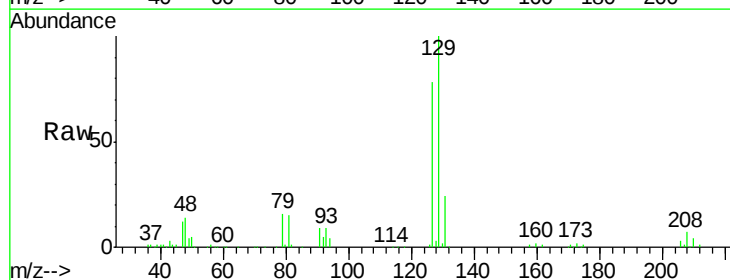
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

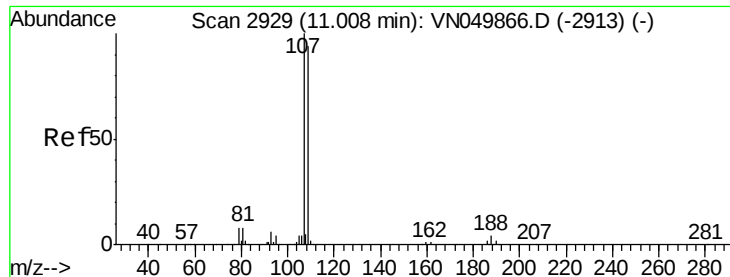
Tot Ion: 43 Resp: 442955
Ion Ratio Lower Upper
43 100
58 54.3 27.8 83.4



#60
Dibromochloromethane
Concen: 19.02 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 129 Resp: 156295
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.54 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

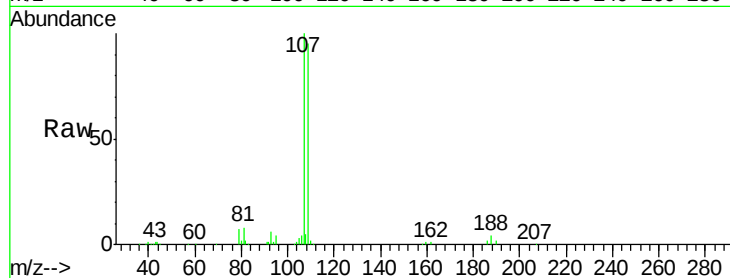
VN0719WBSD01

Tot Ion:107 Resp: 136774

Ion Ratio Lower Upper

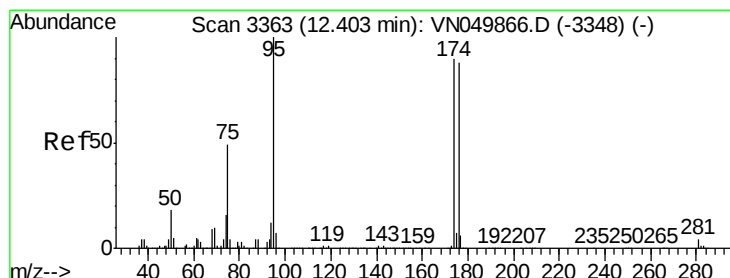
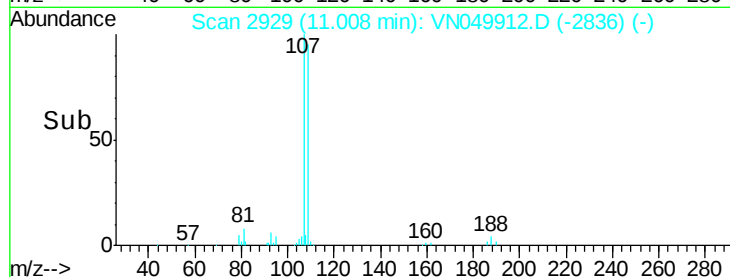
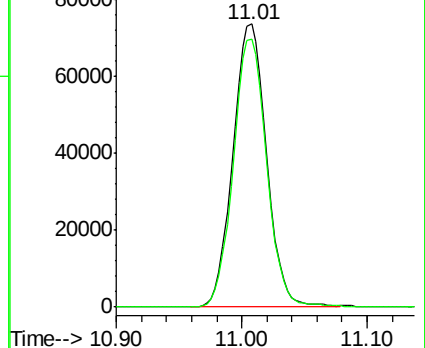
107 100

109 94.2 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.21 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

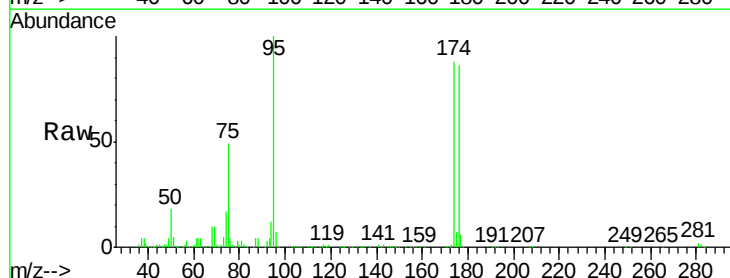
Tgt Ion: 95 Resp: 465063

Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.6

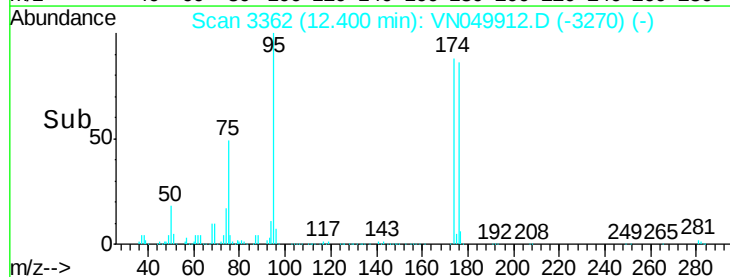
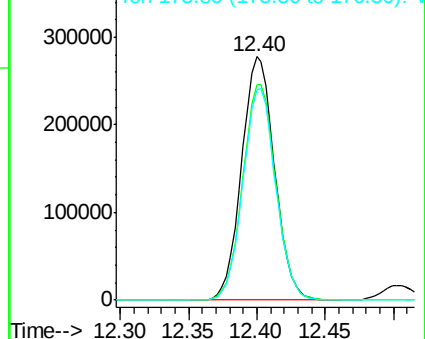
176 86.5 0.0 174.0

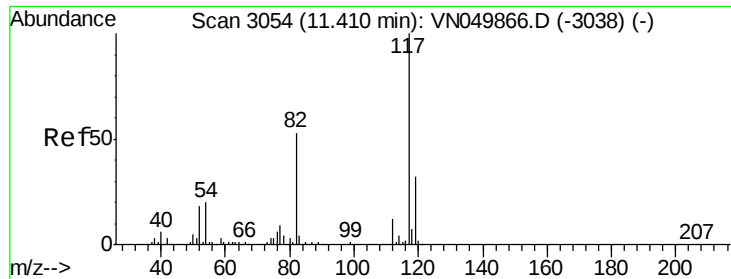


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

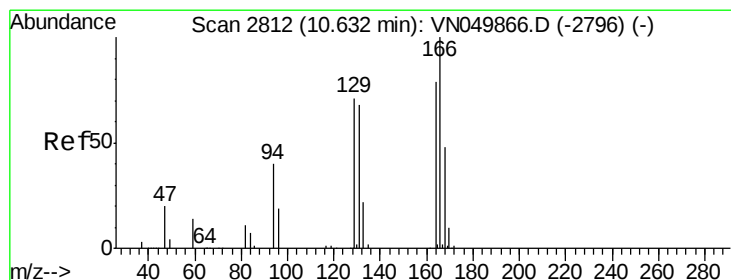
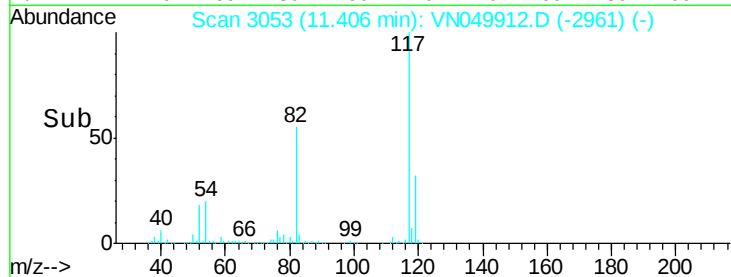
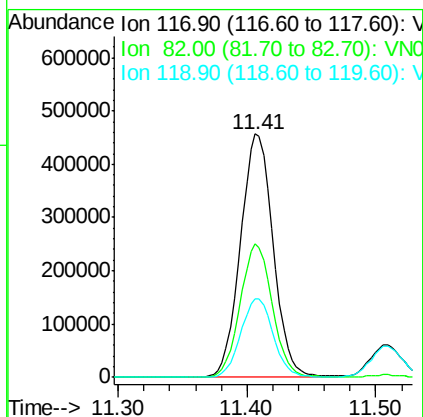
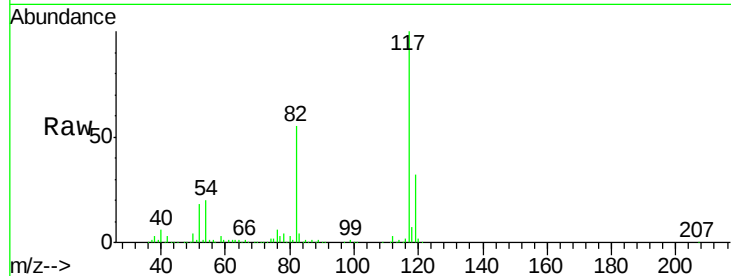




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

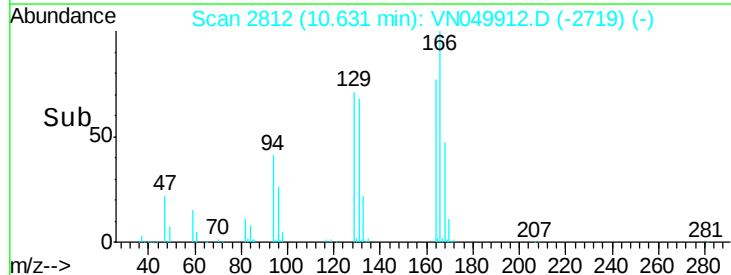
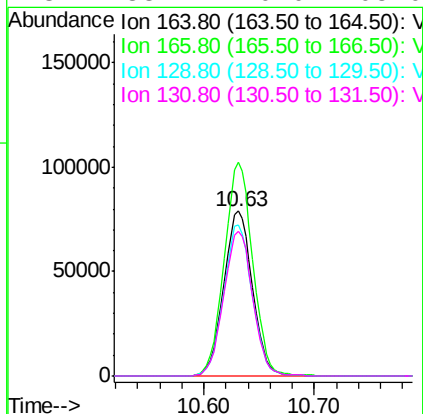
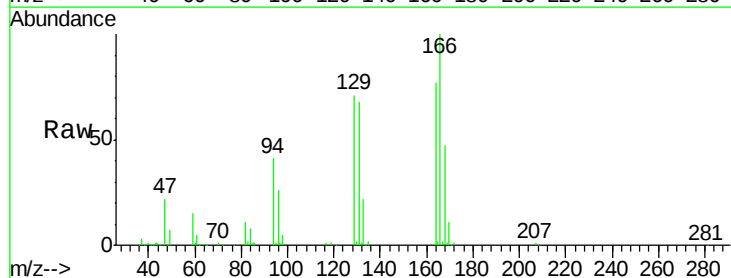
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

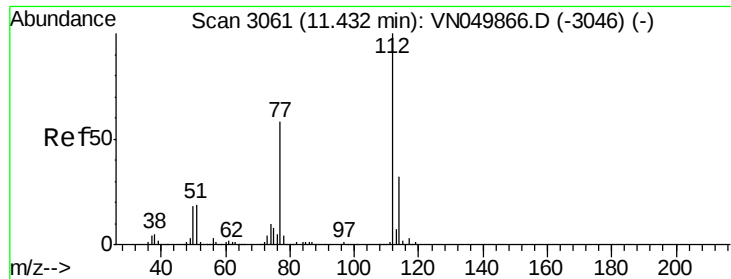
Tot Ion:117 Resp: 808327
Ion Ratio Lower Upper
117 100
82 54.6 41.9 62.9
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 19.63 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion:164 Resp: 142566
Ion Ratio Lower Upper
164 100
166 129.6 101.8 152.6
129 91.4 72.8 109.2
131 88.1 70.0 105.0

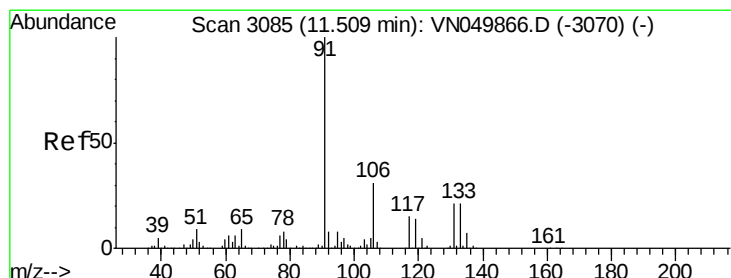
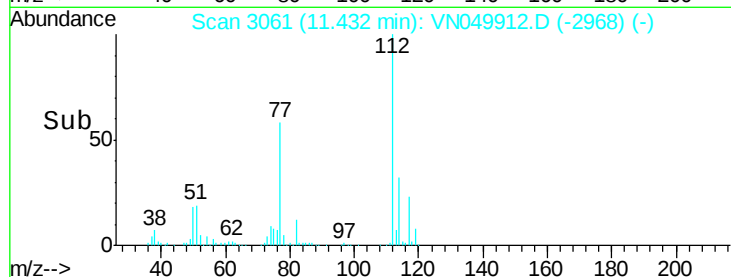
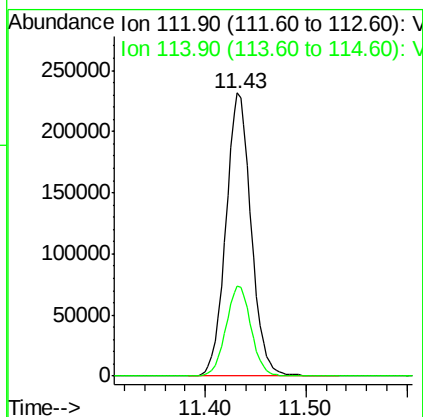
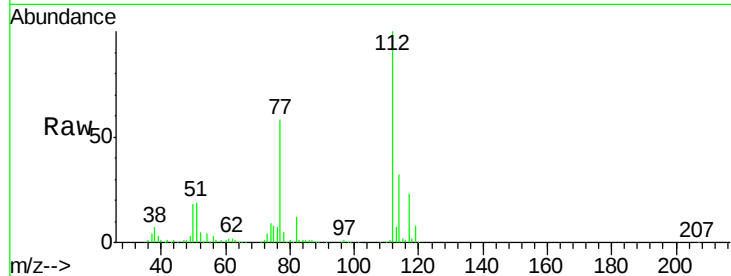




#65
Chlorobenzene
Concen: 19.91 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

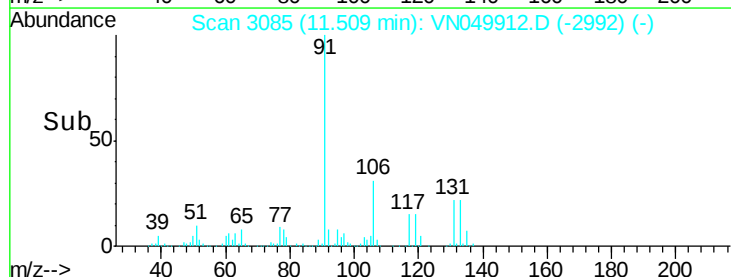
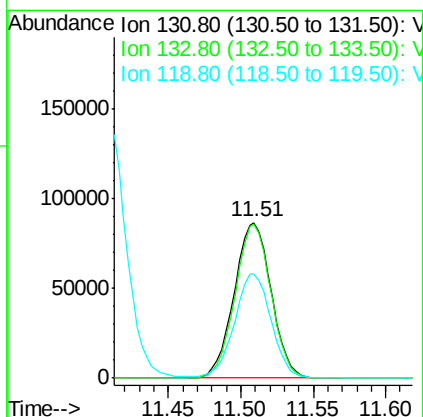
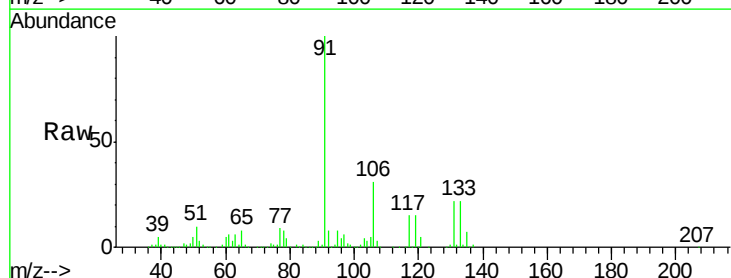
Instrument :
MSVOA_N
ClientSampled :
VN0719WBSD01

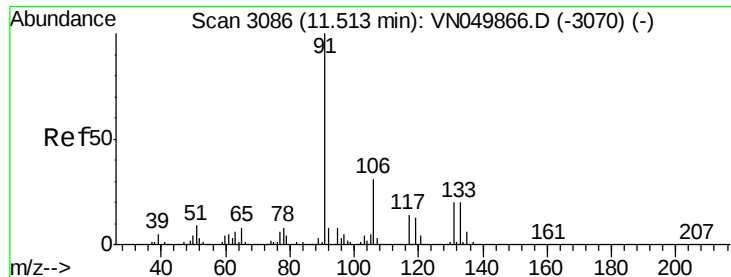
Tot Ion:112 Resp: 404306
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.52 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion:131 Resp: 153539
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 66.4 33.1 99.3

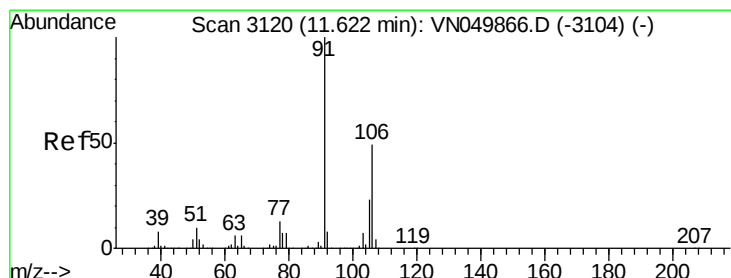
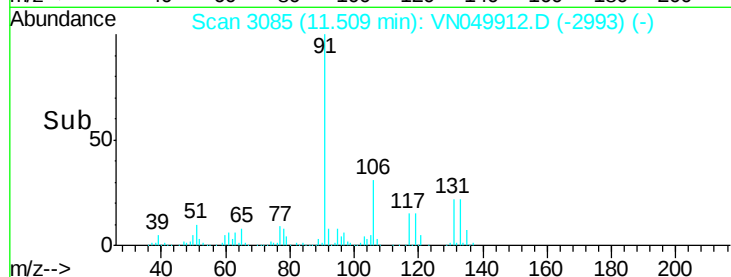
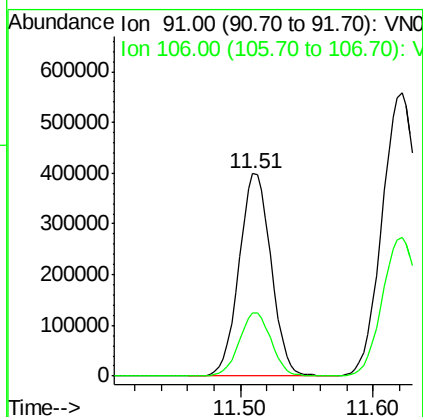
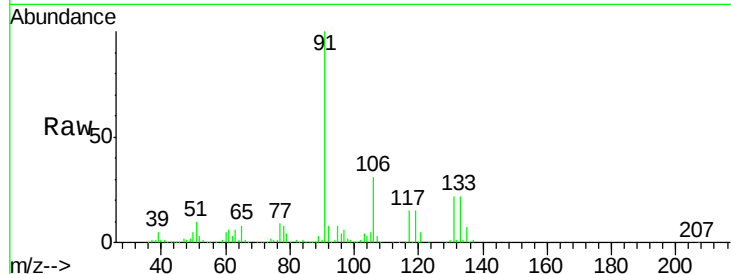




#67
Ethyl Benzene
Concen: 20.38 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

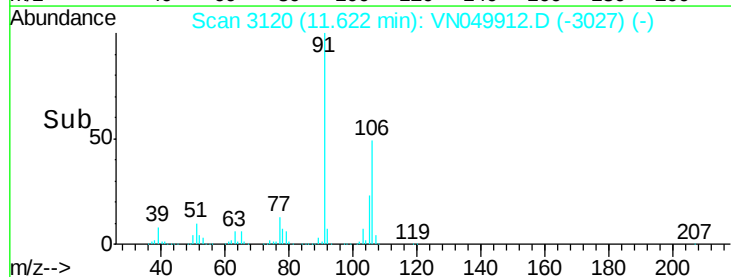
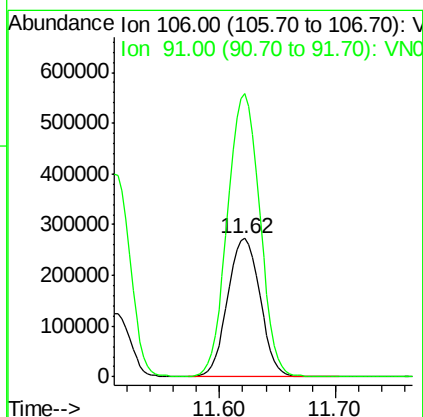
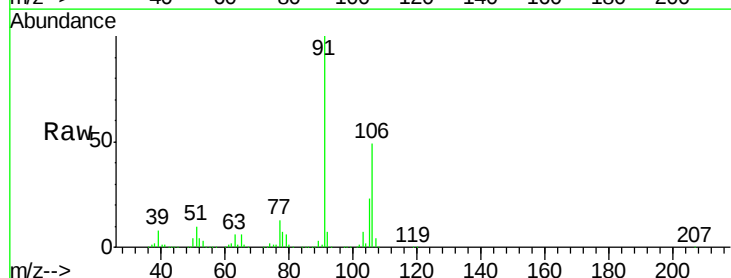
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

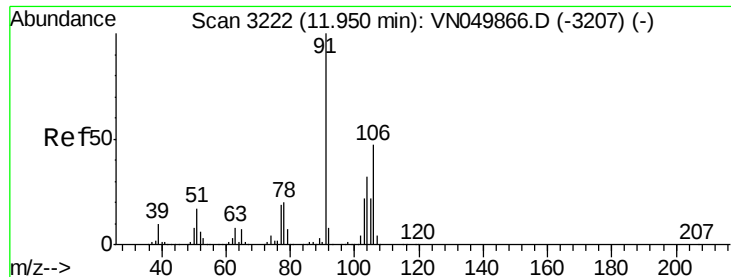
Tot Ion: 91 Resp: 671544
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2



#68
m/p-Xylenes
Concen: 42.45 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion: 106 Resp: 529444
Ion Ratio Lower Upper
106 100
91 203.9 163.4 245.2

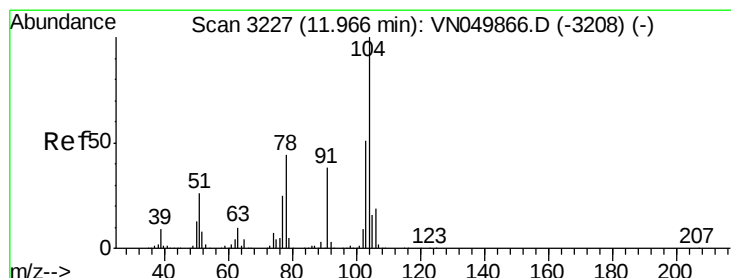
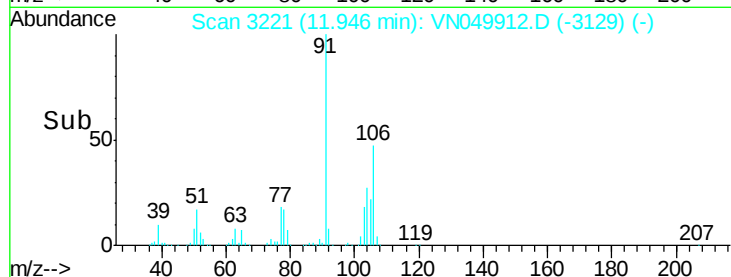
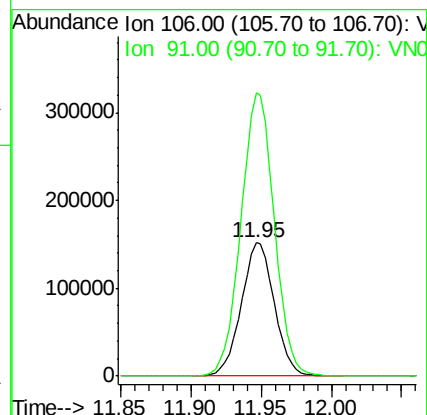
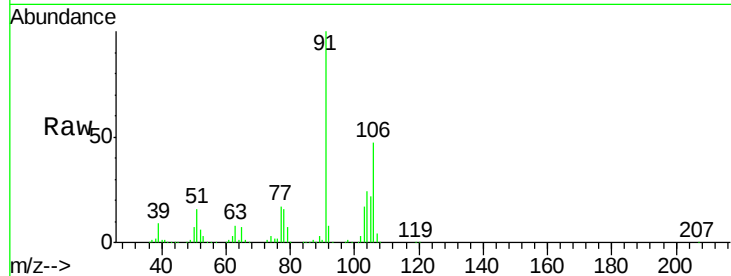




#69
o-Xylene
Concen: 20.79 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

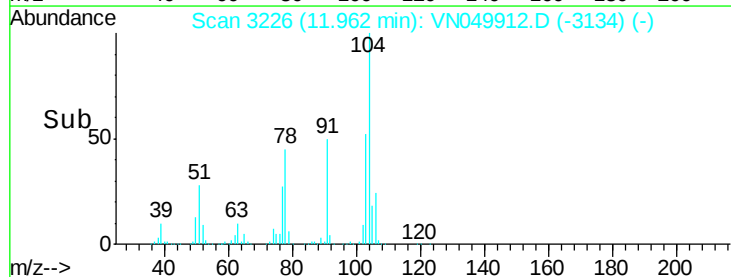
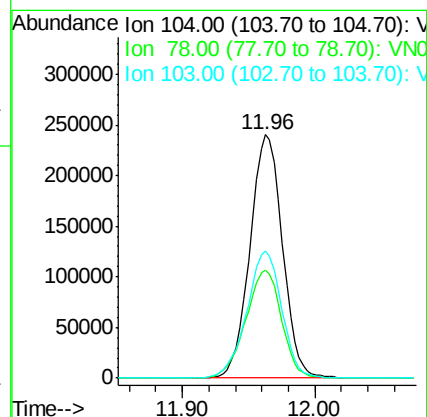
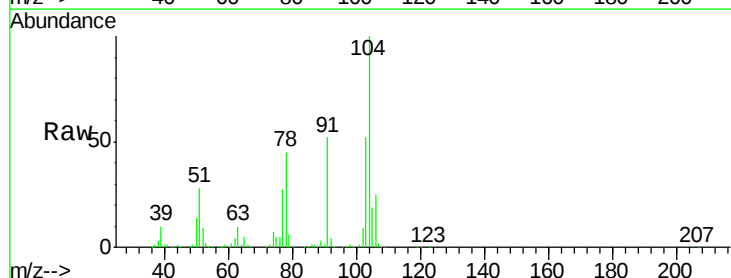
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBSD01

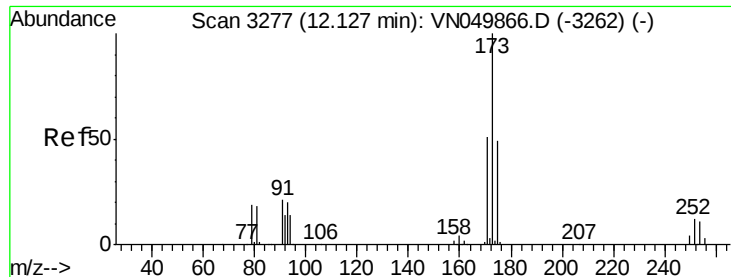
Tot Ion:106 Resp: 249094
Ion Ratio Lower Upper
106 100
91 214.4 108.7 326.1



#70
Styrene
Concen: 21.14 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049912.D
Acq: 19 Jul 2018 13:24

Tgt Ion:104 Resp: 410185
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 56.3 44.6 67.0

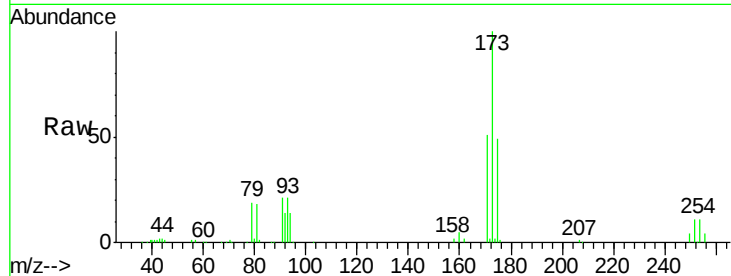




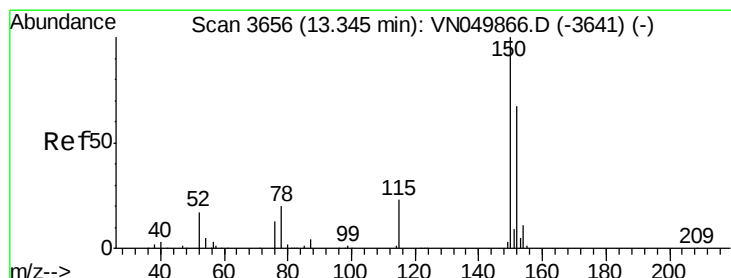
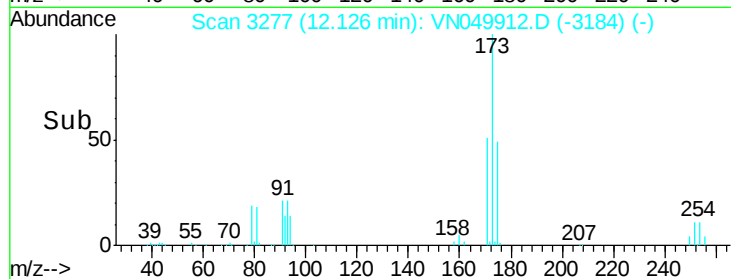
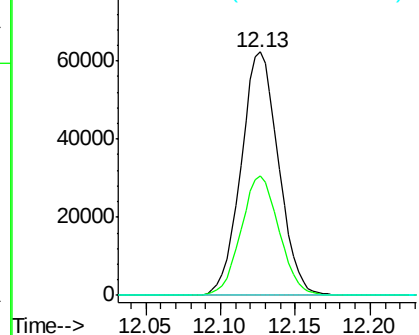
#71
 Bromoform
 Concen: 19.33 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

Tot Ion:173 Resp: 108769
 Ion Ratio Lower Upper
 173 100
 175 49.5 24.6 73.8
 254 0.0 0.2 0.2#

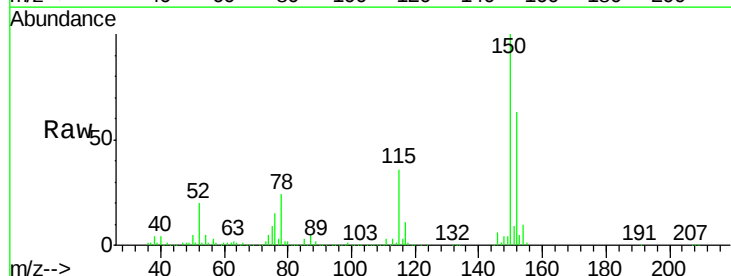


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

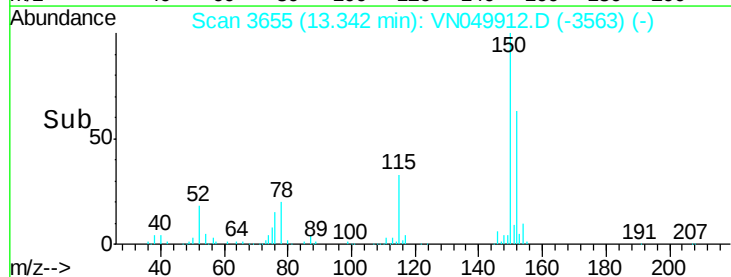
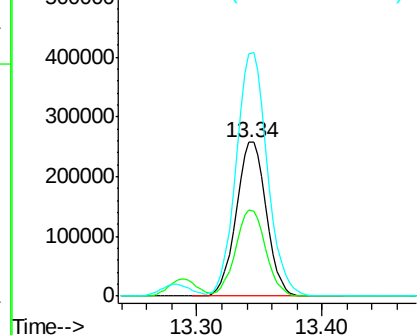


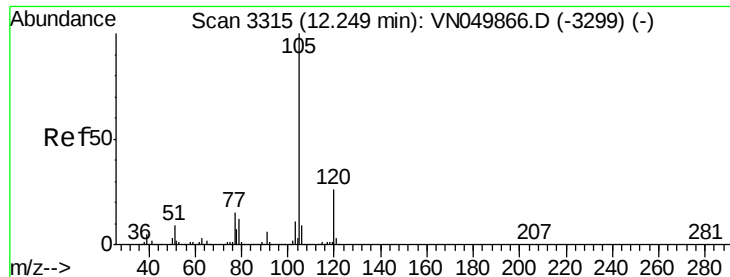
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3655
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion:152 Resp: 428279
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.1 84.2
 150 164.1 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.72 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

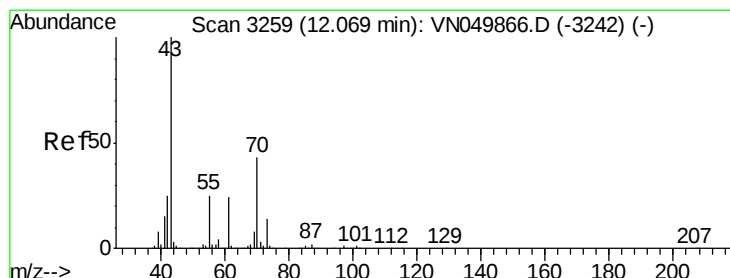
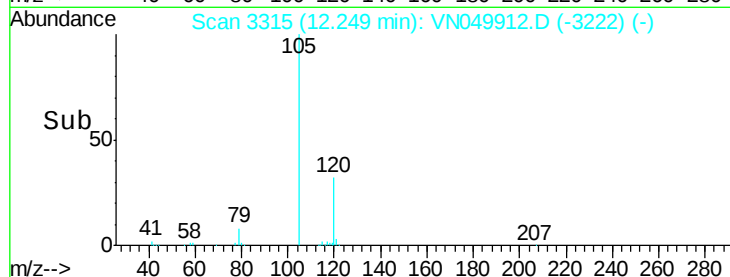
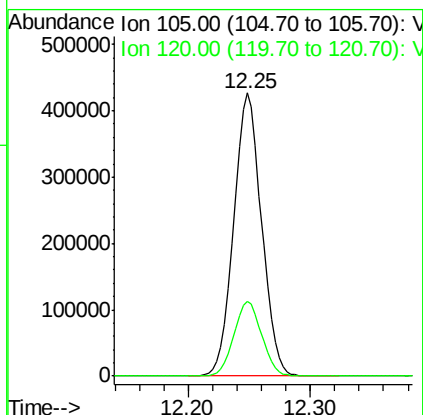
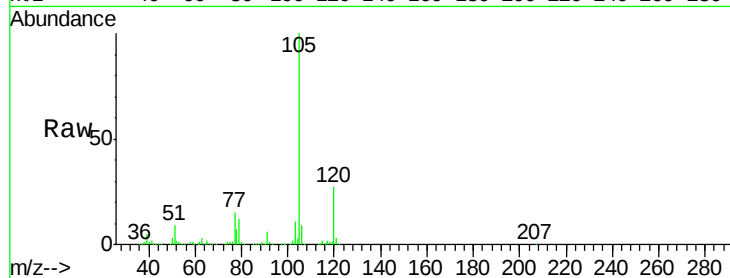
VN0719WBSD01

Tot Ion:105 Resp: 674093

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 20.51 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Tgt Ion: 43 Resp: 203137

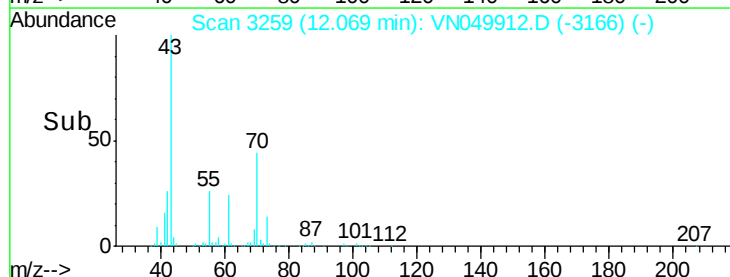
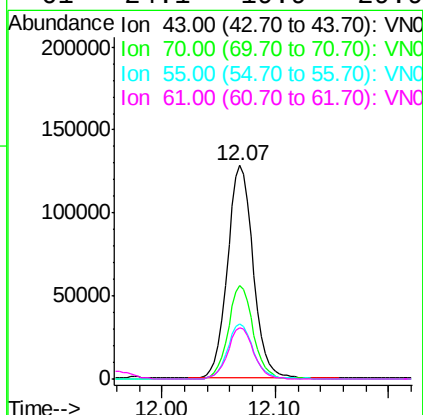
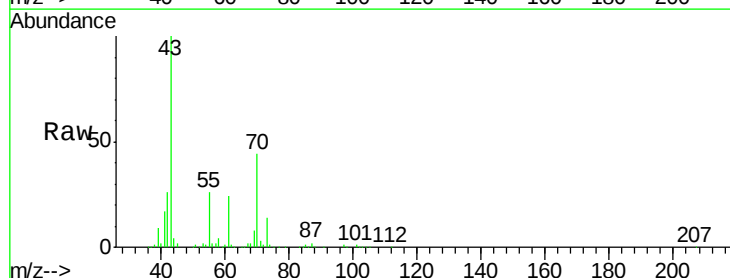
Ion Ratio Lower Upper

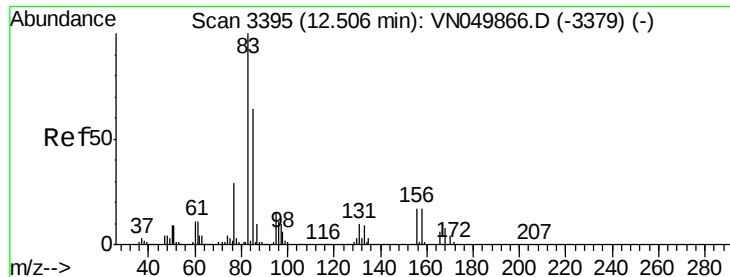
43 100

70 42.8 34.8 52.2

55 26.2 20.9 31.3

61 24.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.76 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampled :

VN0719WBSD01

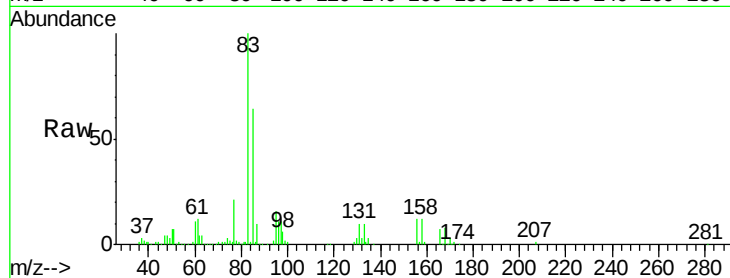
Tot Ion: 83 Resp: 182877

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

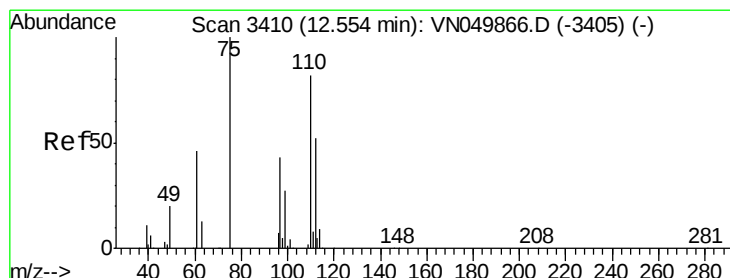
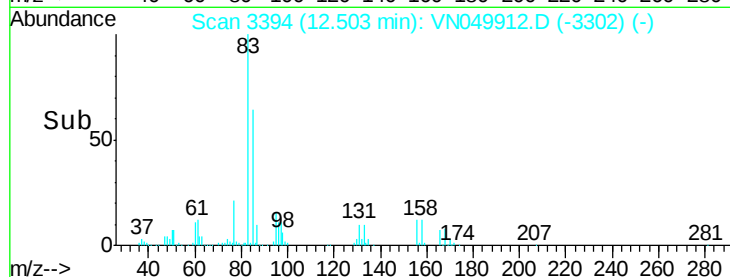
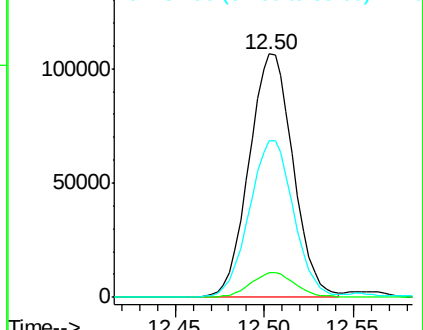
85 65.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049912.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049912.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049912.D (-3302) (-)



#76

1,2,3-Trichloropropane

Concen: 27.08 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049912.D

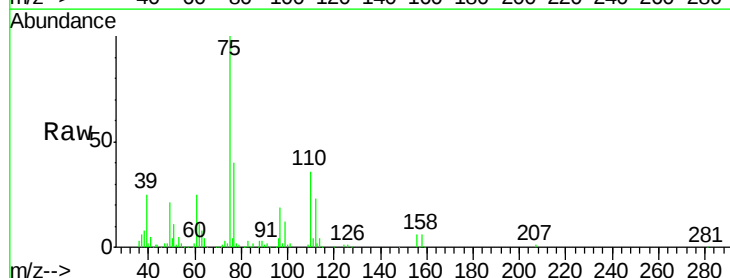
Acq: 19 Jul 2018 13:24

Tgt Ion: 75 Resp: 217571

Ion Ratio Lower Upper

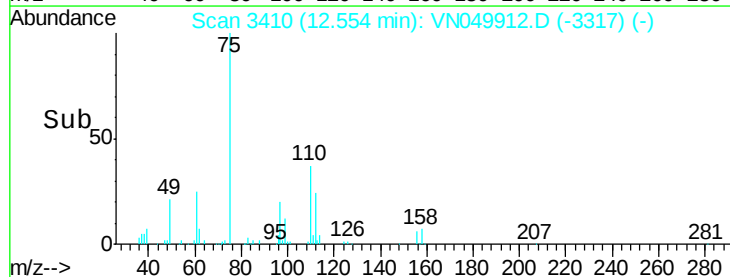
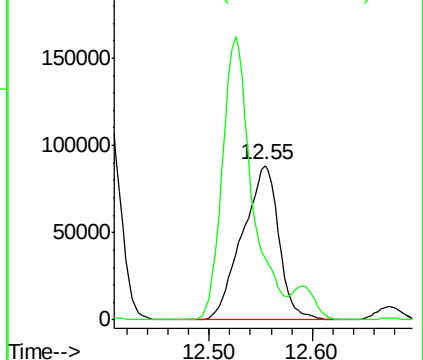
75 100

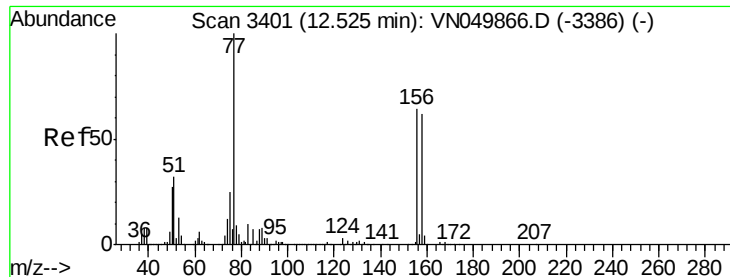
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049912.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049912.D (-3317) (-)





#77

Bromobenzene

Concen: 19.64 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

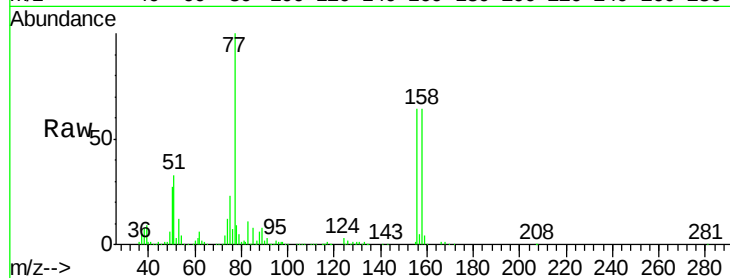
Tot Ion:156 Resp: 176445

Ion Ratio Lower Upper

156 100

77 184.0 90.2 270.6

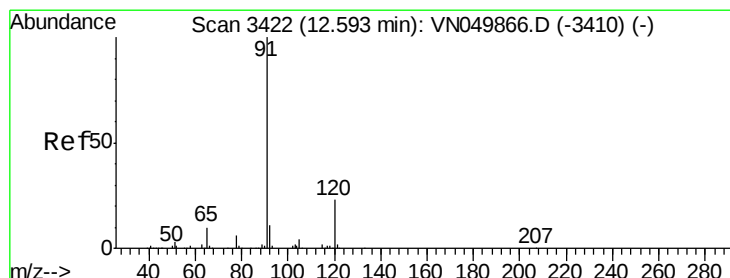
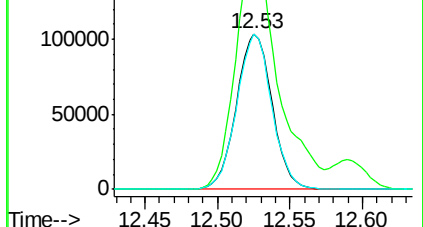
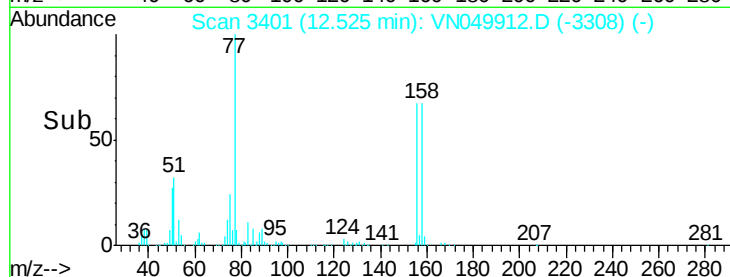
158 98.5 49.1 147.3



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: 20.93 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049912.D

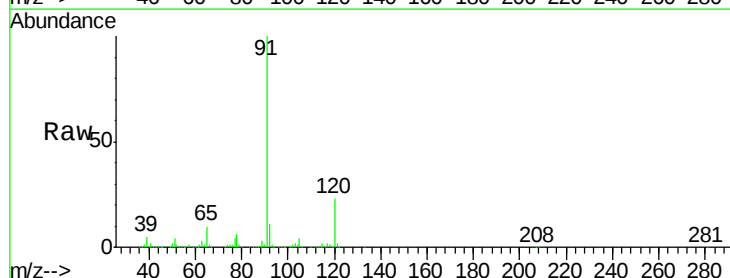
Acq: 19 Jul 2018 13:24

Tgt Ion: 91 Resp: 773988

Ion Ratio Lower Upper

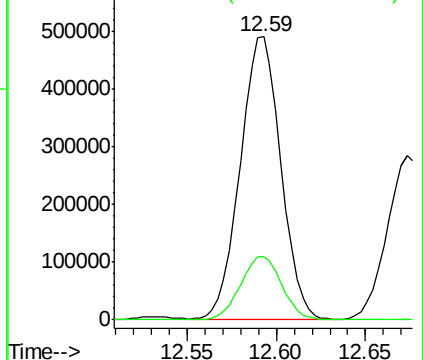
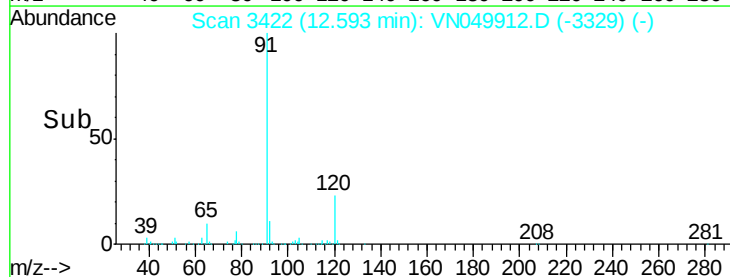
91 100

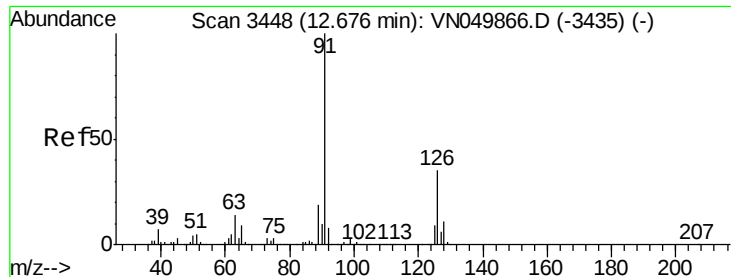
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.65 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

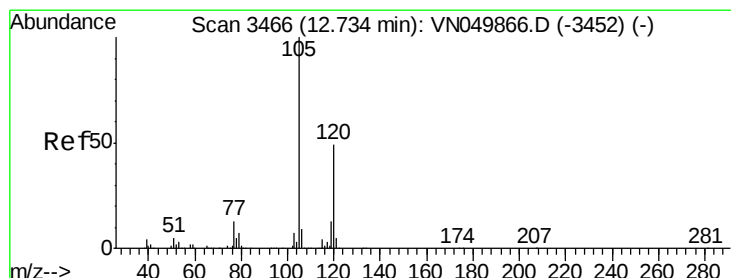
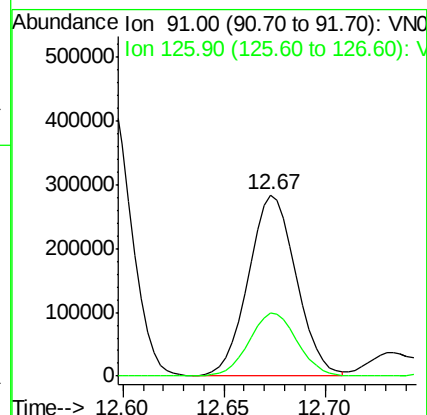
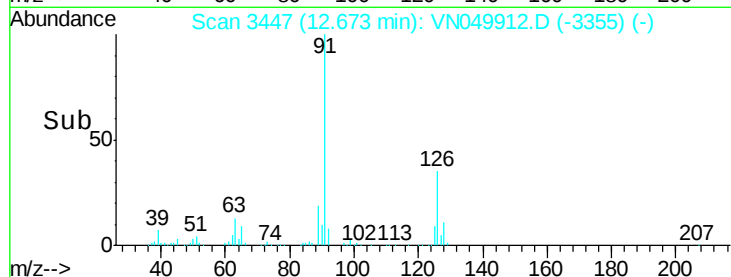
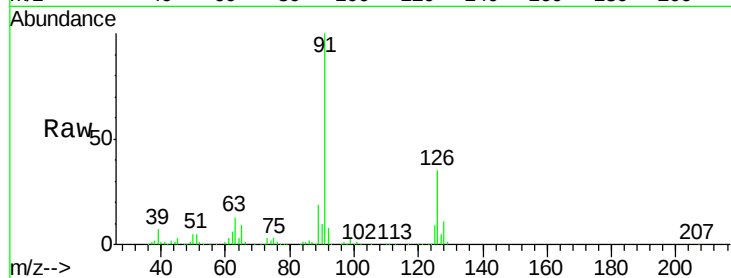
VN0719WBSD01

Tot Ion: 91 Resp: 468969

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 21.35 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049912.D

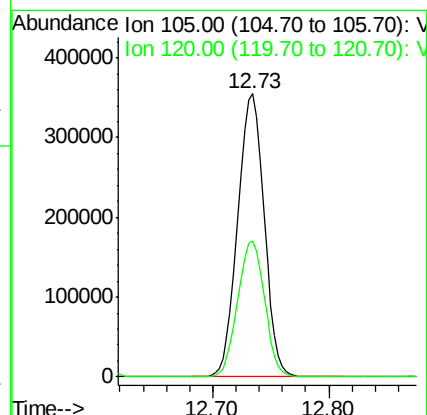
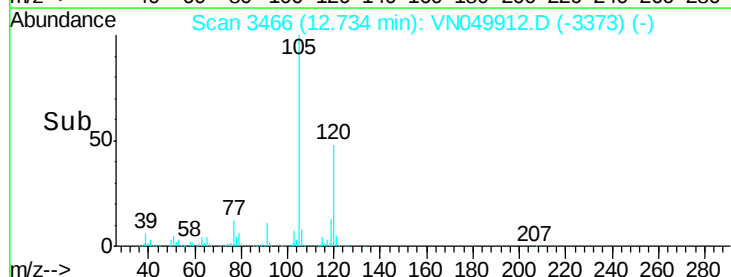
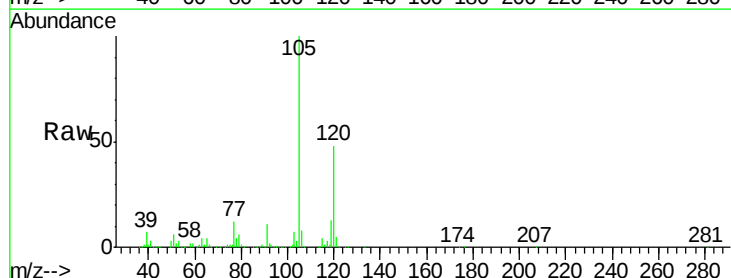
Acq: 19 Jul 2018 13:24

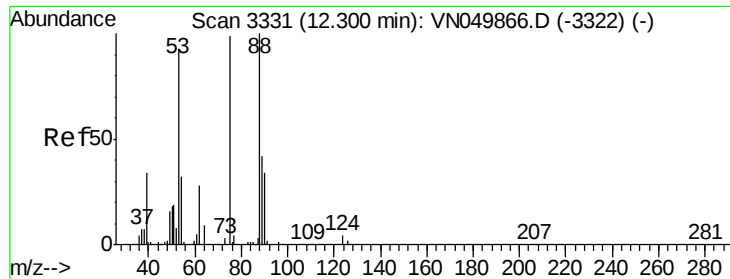
Tgt Ion:105 Resp: 556759

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.71 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

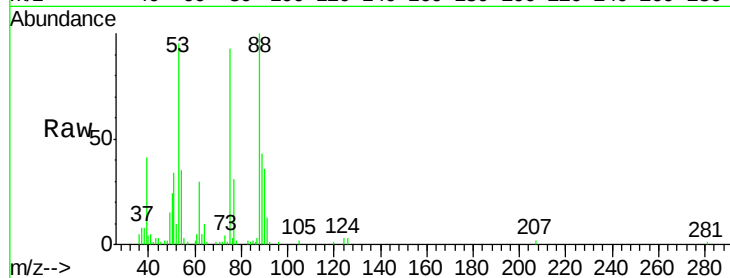
Tot Ion: 75 Resp: 45498

Ion Ratio Lower Upper

75 100

53 97.1 73.9 110.9

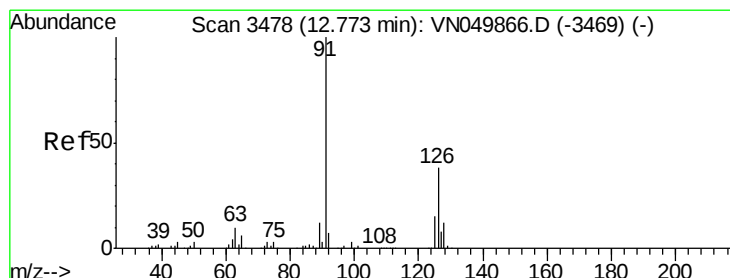
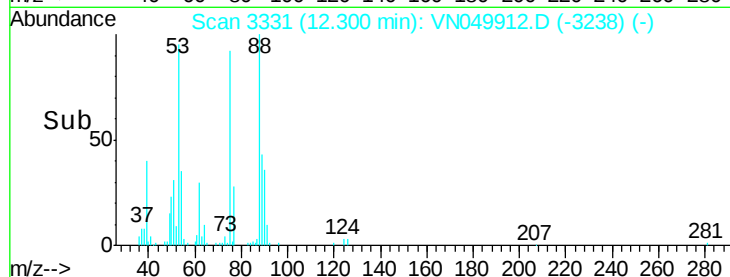
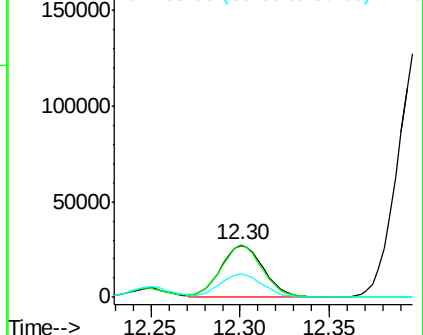
89 44.8 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 21.08 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN049912.D

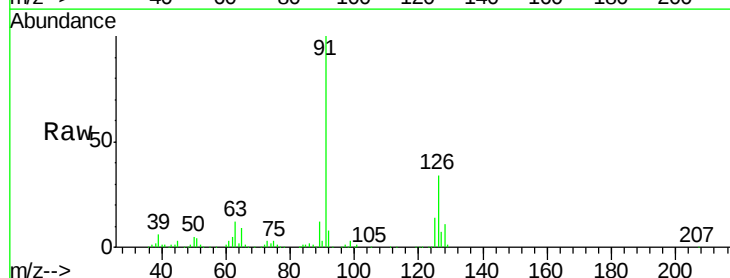
Acq: 19 Jul 2018 13:24

Tgt Ion: 91 Resp: 480372

Ion Ratio Lower Upper

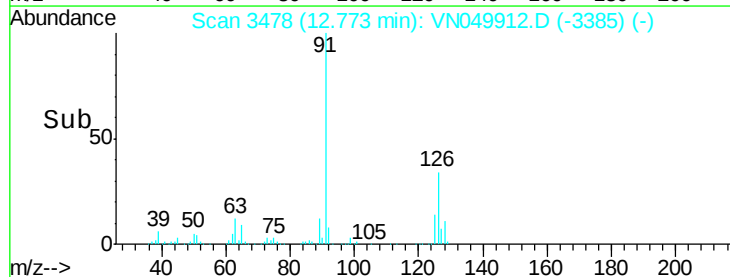
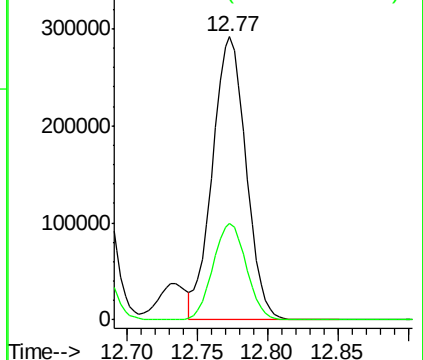
91 100

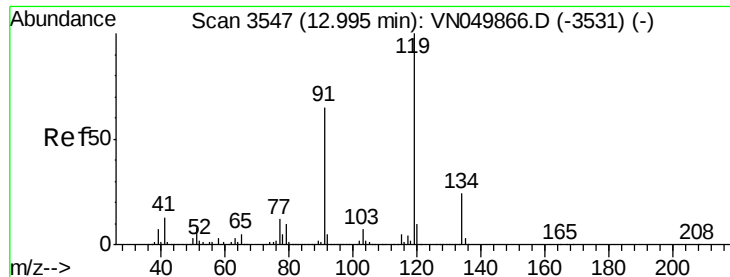
126 33.9 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

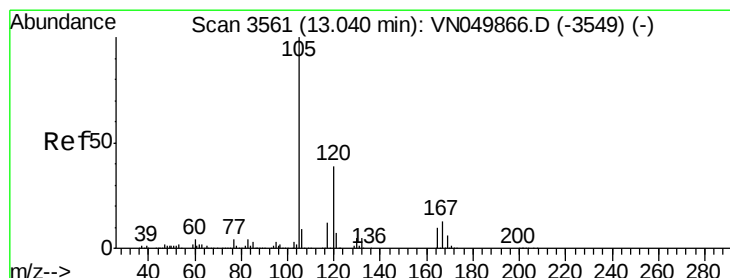
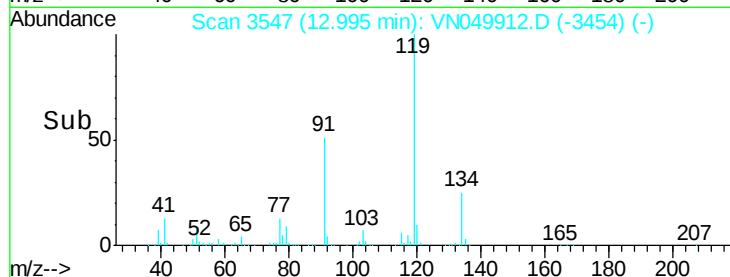
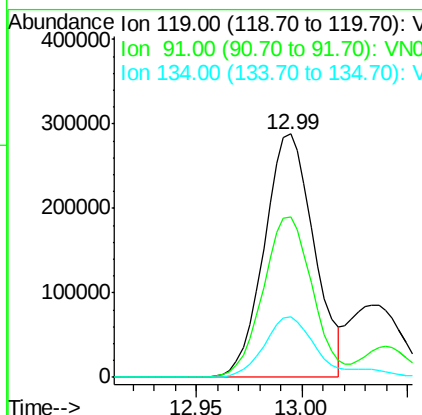
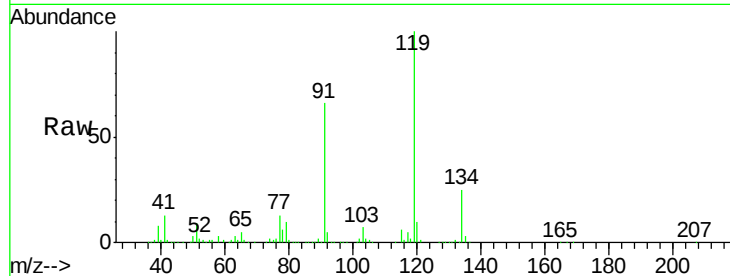




#83
 tert-Butylbenzene
 Concen: 20.56 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

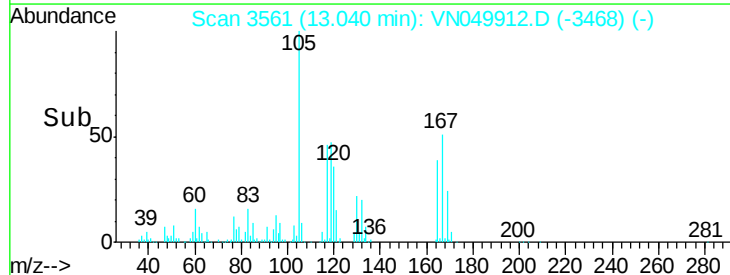
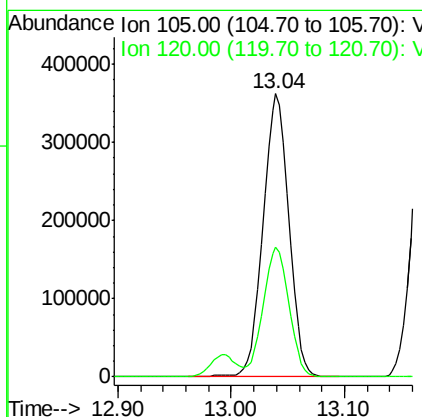
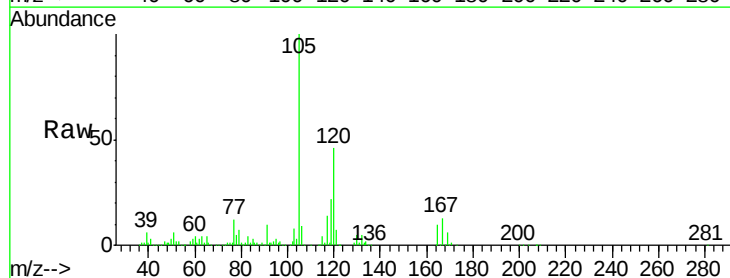
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

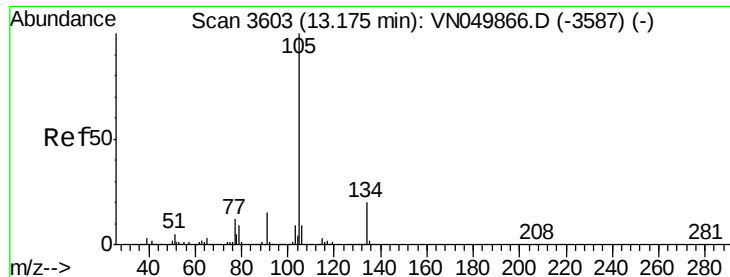
Tot Ion:119 Resp: 470889
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.0 96.2
 134 25.1 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.69 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion:105 Resp: 572869
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.26 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

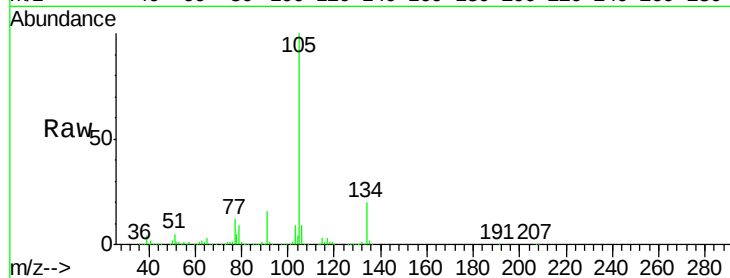
VN0719WBSD01

Tot Ion:105 Resp: 643417

Ion Ratio Lower Upper

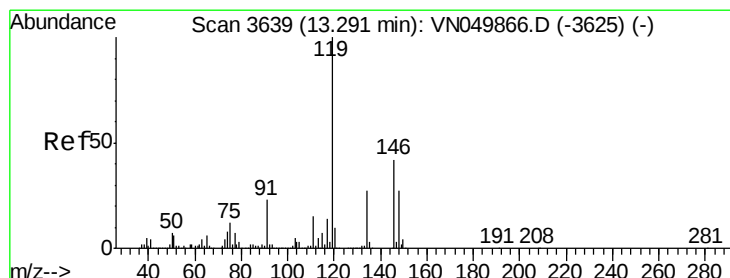
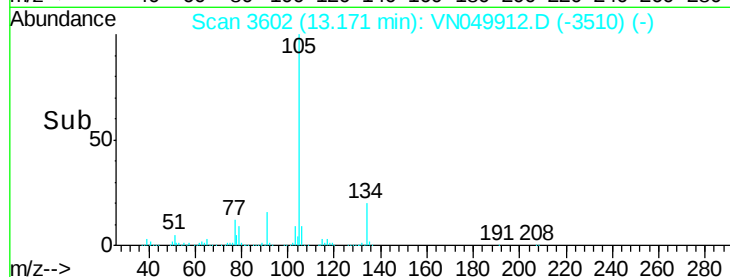
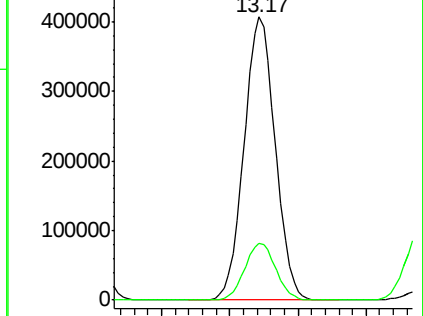
105 100

134 20.1 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: 21.59 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

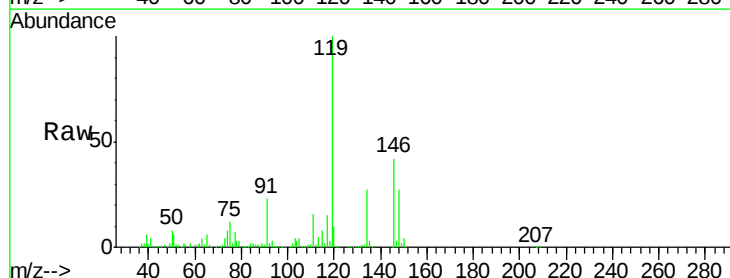
Tgt Ion:119 Resp: 556894

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

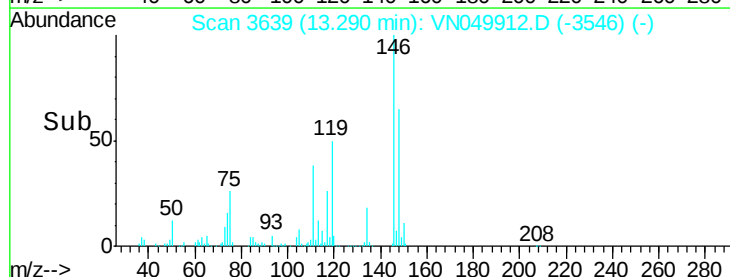
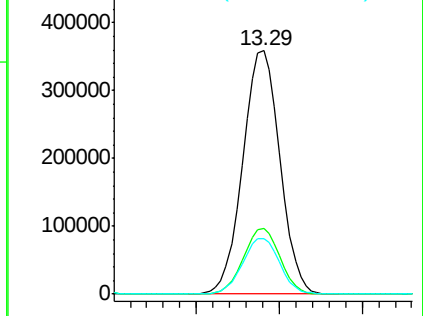
91 22.9 11.4 34.1

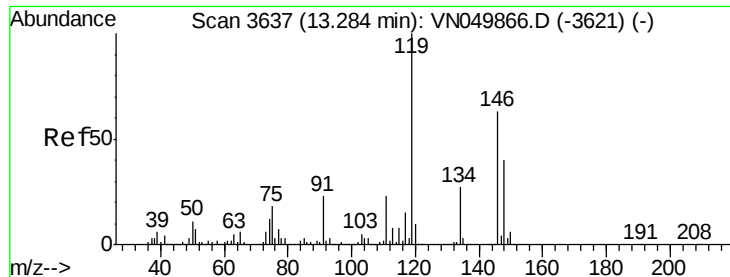


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

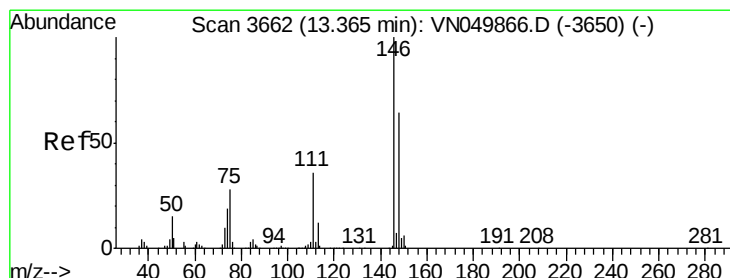
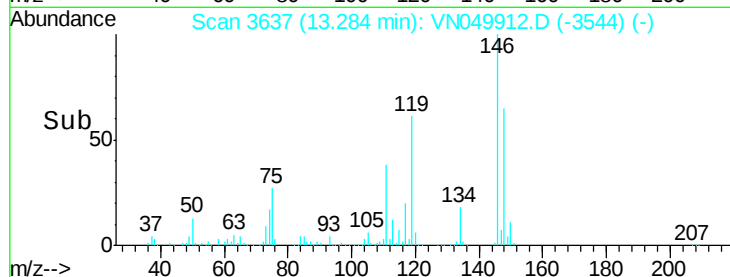
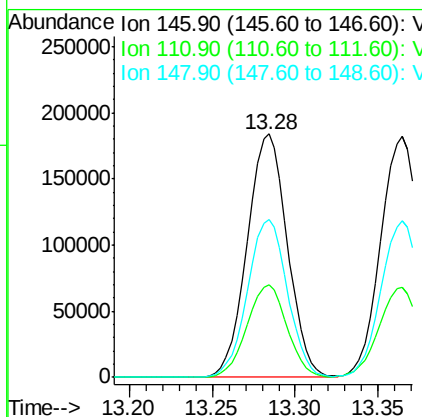
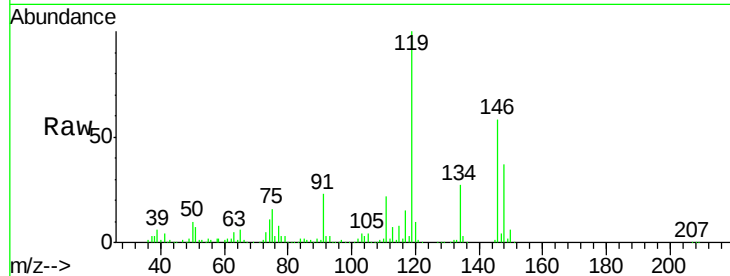




#87
 1,3-Dichlorobenzene
 Concen: 19.81 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

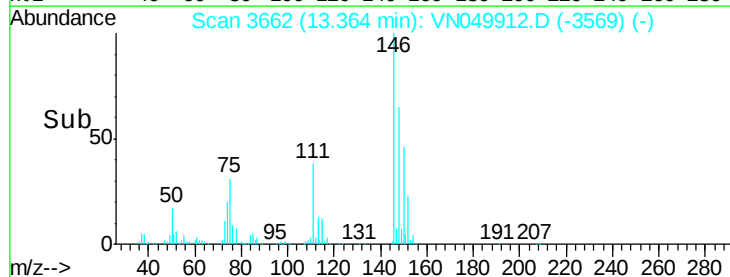
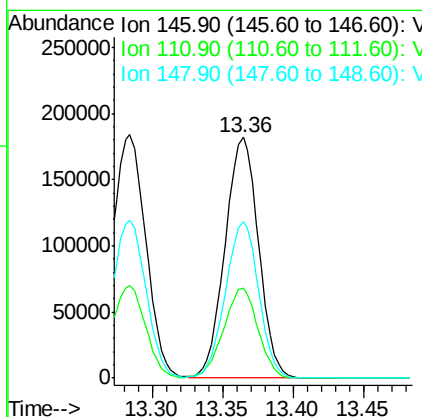
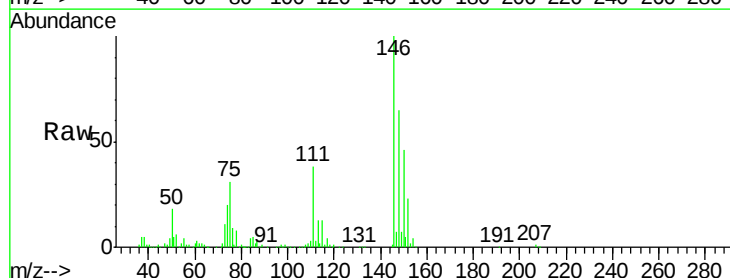
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

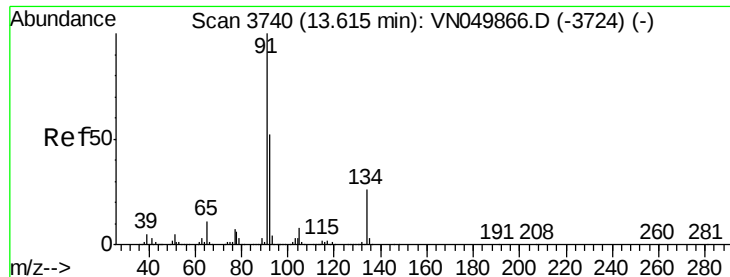
Tot Ion:146 Resp: 310054
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 64.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.28 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion:146 Resp: 302491
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.5
 148 64.7 32.1 96.3





#89

n-Butylbenzene

Concen: 20.94 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

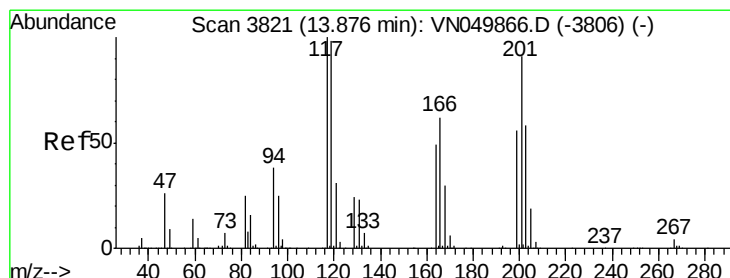
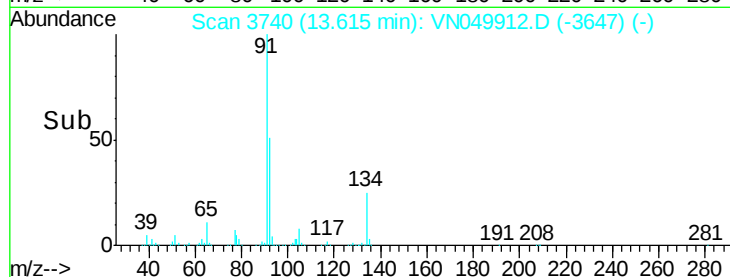
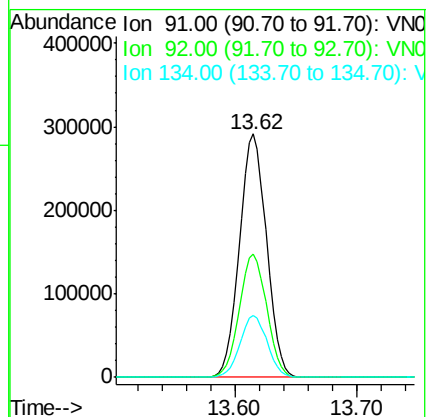
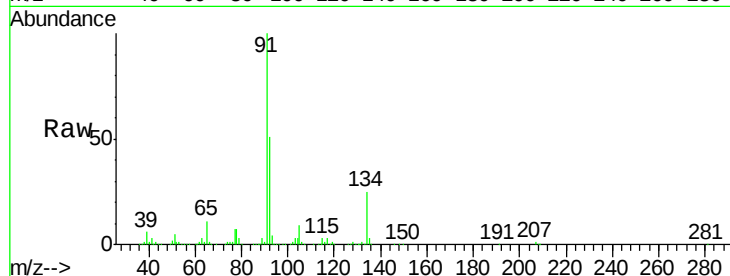
Tot Ion: 91 Resp: 446045

Ion Ratio Lower Upper

91 100

92 51.2 25.8 77.3

134 25.4 13.0 38.9



#90

Hexachloroethane

Concen: 17.91 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN049912.D

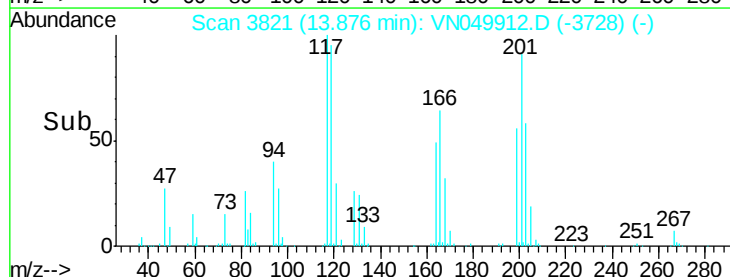
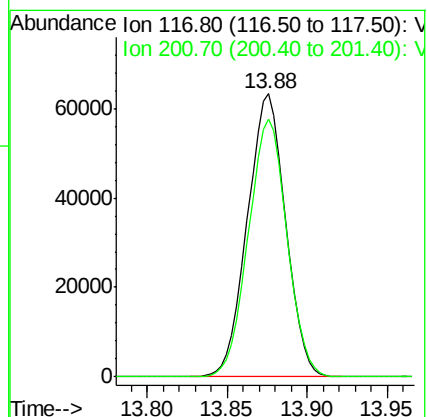
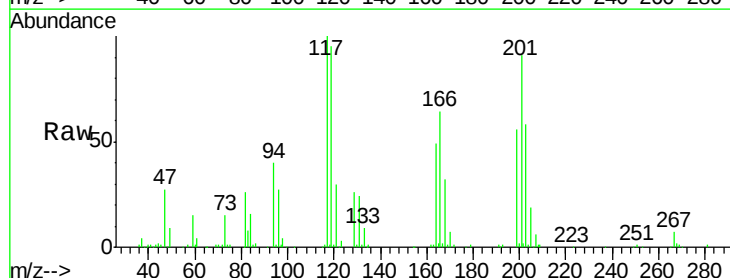
Acq: 19 Jul 2018 13:24

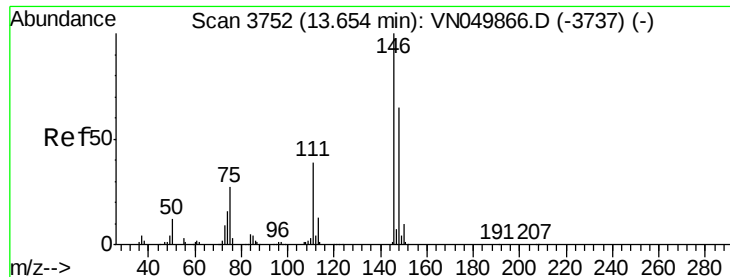
Tgt Ion: 117 Resp: 103679

Ion Ratio Lower Upper

117 100

201 91.9 45.3 135.8

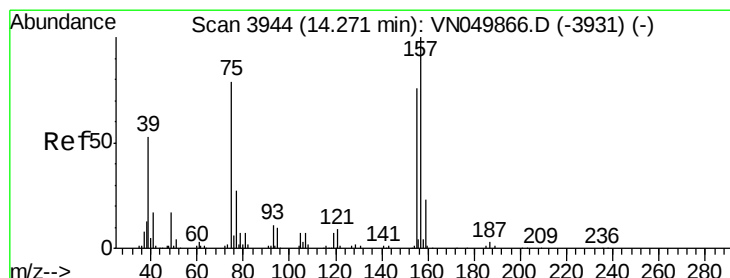
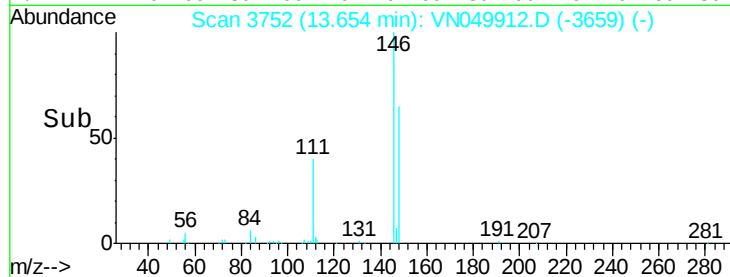
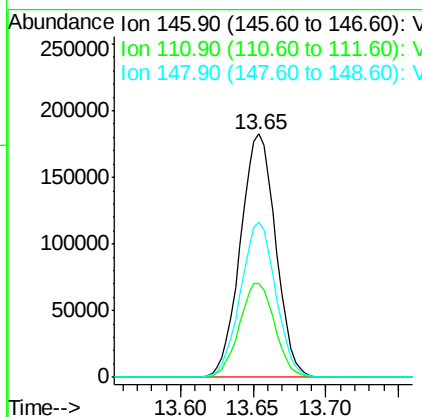
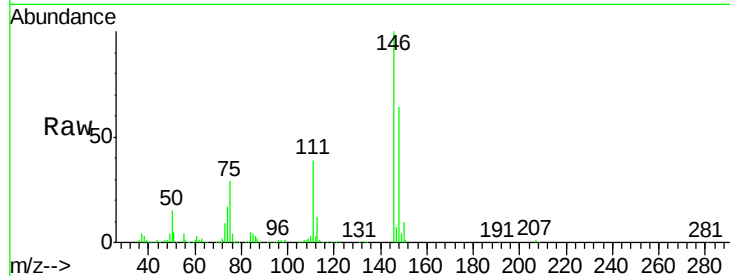




#91
 1,2-Dichlorobenzene
 Concen: 20.11 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

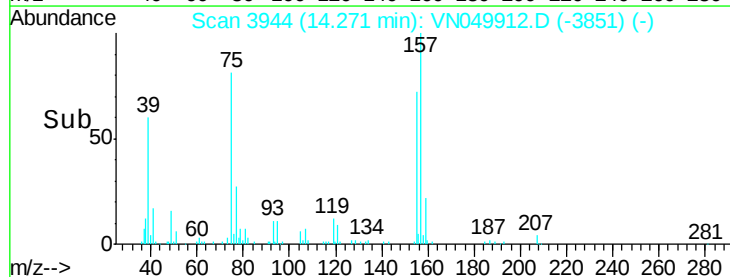
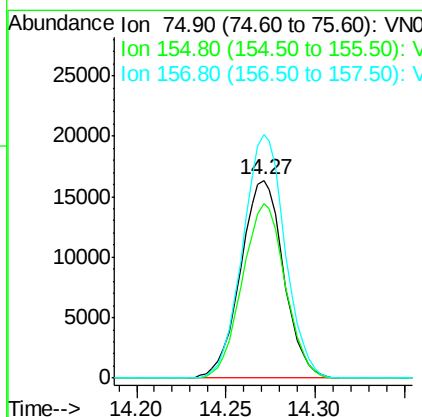
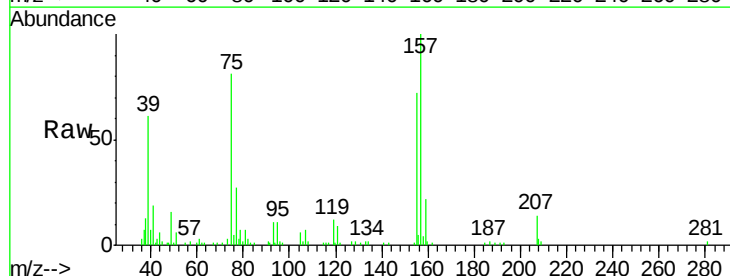
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

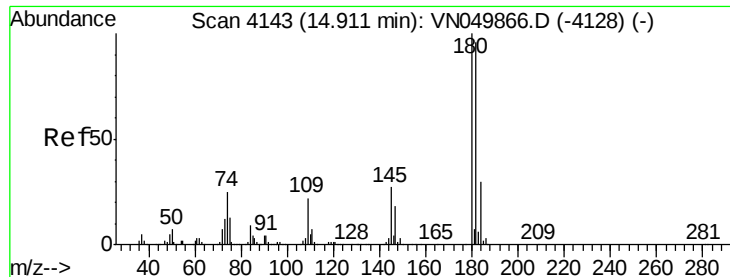
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.1
148	63.6	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.22 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	45.7	137.1
157	120.9	56.9	170.7

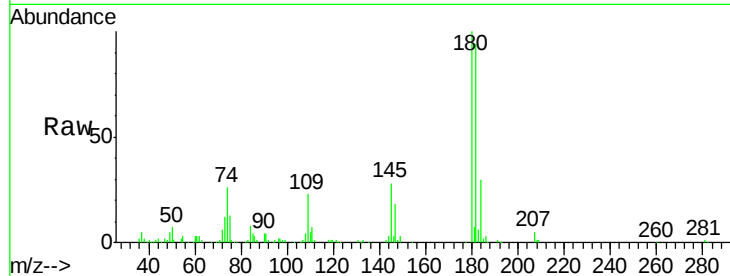




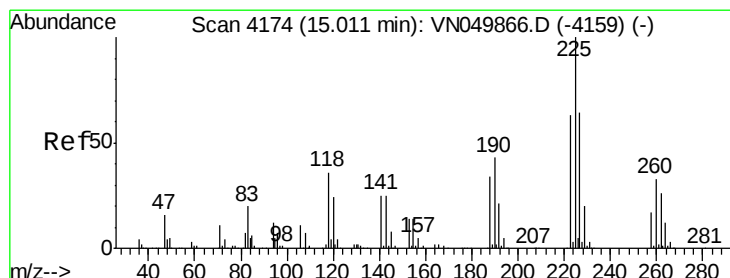
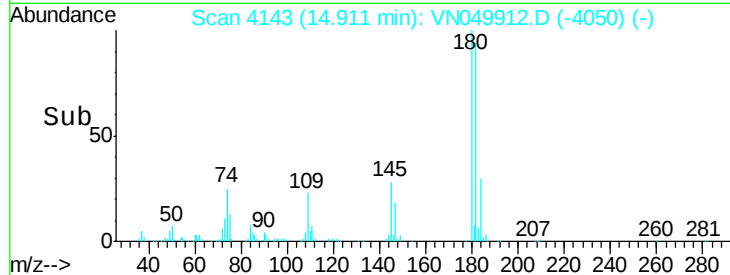
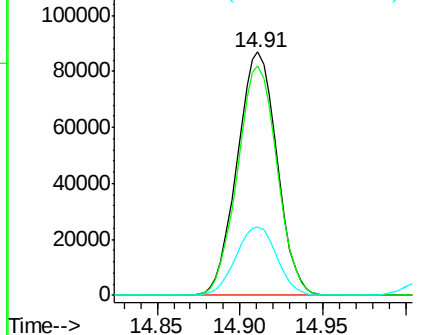
#93
 1,2,4-Trichlorobenzene
 Concen: 19.40 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	141.9
145	28.9	14.4	43.0

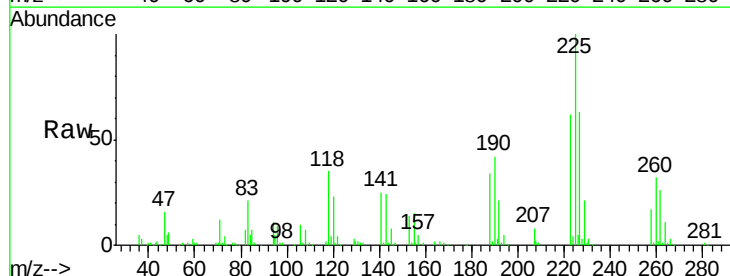


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

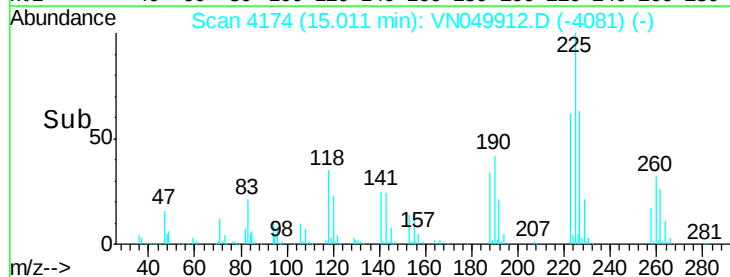
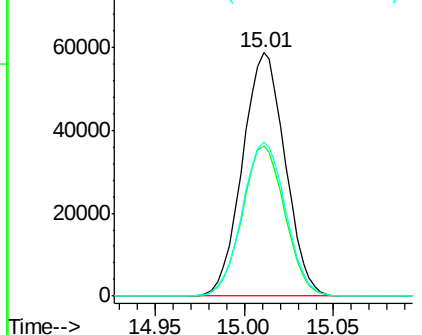


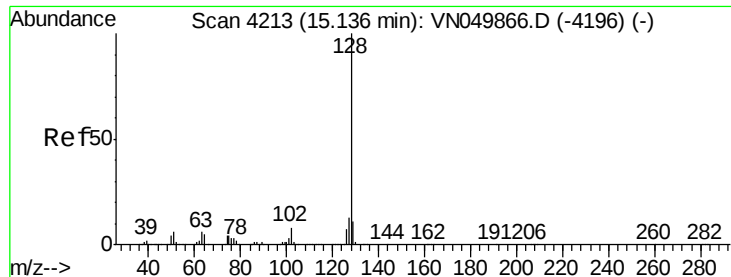
#94
 Hexachlorobutadiene
 Concen: 19.50 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049912.D
 Acq: 19 Jul 2018 13:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	30.9	92.7
227	64.3	31.8	95.4



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: 18.22 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBSD01

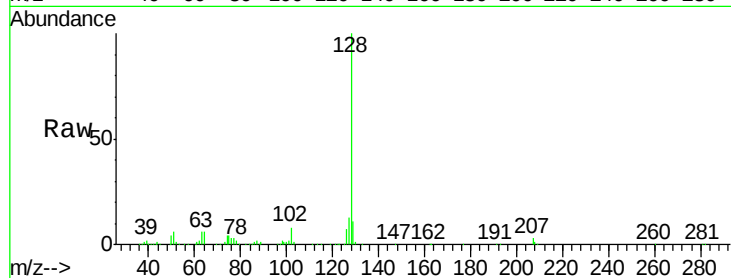
Tot Ion:128 Resp: 305962

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

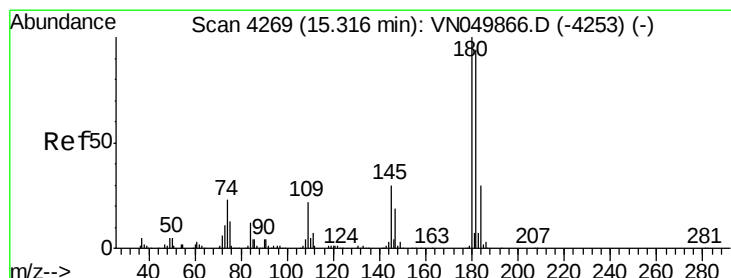
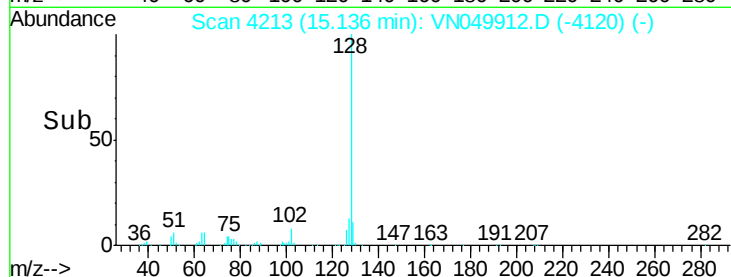
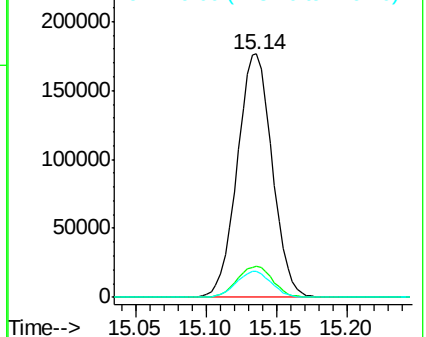
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.74 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049912.D

Acq: 19 Jul 2018 13:24

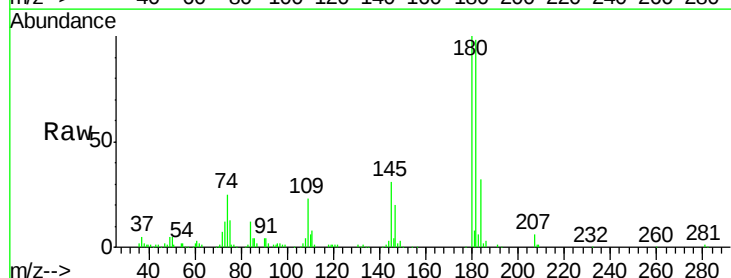
Tgt Ion:180 Resp: 145769

Ion Ratio Lower Upper

180 100

182 97.7 47.4 142.2

145 31.1 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

