

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049877.D
 Acq On : 18 Jul 2018 17:11
 Operator : MD\SY
 Sample : VN0718WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 01:20:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	586763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	412322	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	430106	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
35) Dibromofluoromethane	7.59	113	378005	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
50) Toluene-d8	10.09	98	1381181	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	460857	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	111848	20.04	ug/l	97
3) Chloromethane	2.06	50	150171	18.75	ug/l	100
4) Vinyl Chloride	2.18	62	164198	19.22	ug/l	99
5) Bromomethane	2.56	94	105044	20.88	ug/l	97
6) Chloroethane	2.70	64	105932	18.99	ug/l	99
7) Trichlorofluoromethane	3.01	101	226009	19.25	ug/l	98
8) Diethyl Ether	3.41	74	80530	19.66	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	136525	18.86	ug/l	99
10) Methyl Iodide	3.95	142	175957	18.11	ug/l	98
11) Tert butyl alcohol	4.81	59	64026	111.44	ug/l	99
12) 1,1-Dichloroethene	3.73	96	121838	19.15	ug/l	98
13) Acrolein	3.61	56	39122	105.67	ug/l	99
14) Allyl chloride	4.32	41	195354	19.48	ug/l	98
15) Acrylonitrile	5.00	53	266967	105.65	ug/l	98
16) Acetone	3.82	43	208748	99.97	ug/l	97
17) Carbon Disulfide	4.05	76	347348	18.25	ug/l	100
18) Methyl Acetate	4.33	43	153799	22.99	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	367118	20.97	ug/l	100
20) Methylene Chloride	4.55	84	147041	18.52	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	133928	19.83	ug/l	99
22) Diisopropyl ether	5.96	45	434980	21.26	ug/l	99
23) Vinyl Acetate	5.90	43	1524908	106.21	ug/l	100
24) 1,1-Dichloroethane	5.85	63	261574	19.91	ug/l	100
25) 2-Butanone	6.84	43	317116	106.27	ug/l	100
26) 2,2-Dichloropropane	6.82	77	206285	20.18	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	152589	20.59	ug/l	98
28) Bromochloromethane	7.20	49	126565	21.33	ug/l	99
29) Tetrahydrofuran	7.22	42	208695	111.01	ug/l	99
30) Chloroform	7.37	83	270097	20.03	ug/l	100
31) Cyclohexane	7.65	56	210584	19.69	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	228498	19.60	ug/l	99
36) 1,1-Dichloropropene	7.79	75	188175	19.10	ug/l	99
37) Ethyl Acetate	6.94	43	144154	21.31	ug/l	98
38) Carbon Tetrachloride	7.77	117	198626	18.83	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	190882	18.76	ug/l	97
40) Benzene	8.04	78	595336	19.83	ug/l	100
41) Methacrylonitrile	7.18	41	70065	20.66	ug/l #	95
42) 1,2-Dichloroethane	8.13	62	197864	19.90	ug/l	99
43) Isopropyl Acetate	8.17	43	289820	24.53	ug/l	97
44) Trichloroethene	8.83	130	153104	19.45	ug/l	99
45) 1,2-Dichloropropane	9.12	63	157473	19.44	ug/l	100
46) Dibromomethane	9.21	93	99889	19.89	ug/l	97
47) Bromodichloromethane	9.40	83	208412	20.06	ug/l	99
48) Methyl methacrylate	9.20	41	121131	20.44	ug/l	98
49) 1,4-Dioxane	9.20	88	36870	438.48	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	723313	109.50	ug/l	99
52) Toluene	10.16	92	365843	20.43	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	203232	19.79	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	228984	20.17	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	143400	19.38	ug/l	99
56) Ethyl methacrylate	10.43	69	177790	19.28	ug/l	98
57) 1,3-Dichloropropane	10.71	76	235146	20.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	436812	110.84	ug/l	98
59) 2-Hexanone	10.75	43	485486	109.42	ug/l	98
60) Dibromochloromethane	10.90	129	158384	19.52	ug/l	98
61) 1,2-Dibromoethane	11.01	107	140374	20.31	ug/l	99
64) Tetrachloroethene	10.63	164	134590	18.65	ug/l	98
65) Chlorobenzene	11.44	112	395464	19.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	153416	19.63	ug/l	99
67) Ethyl Benzene	11.51	91	649161	19.83	ug/l	100
68) m/p-Xylenes	11.62	106	508415	41.03	ug/l	99
69) o-Xylene	11.95	106	241284	20.28	ug/l	97
70) Styrene	11.97	104	401581	20.83	ug/l	100
71) Bromoform	12.13	173	113295	20.27	ug/l #	100
73) Isopropylbenzene	12.25	105	647019	20.66	ug/l	100
74) N-amyl acetate	12.07	43	203385	21.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	192750	20.54	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	228000	29.48	ug/l #	100
77) Bromobenzene	12.53	156	173383	20.05	ug/l	97
78) n-propylbenzene	12.59	91	737905	20.72	ug/l	100
79) 2-Chlorotoluene	12.68	91	451842	20.67	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	528433	21.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50584	20.45	ug/l	96
82) 4-Chlorotoluene	12.77	91	449516	20.49	ug/l	99
83) tert-Butylbenzene	12.99	119	453021	20.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	535968	21.08	ug/l	99
85) sec-Butylbenzene	13.17	105	613133	21.05	ug/l	99
86) p-Isopropyltoluene	13.29	119	518793	20.89	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	295347	19.60	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	292402	19.35	ug/l	100
89) n-Butylbenzene	13.62	91	403661	19.68	ug/l	99
90) Hexachloroethane	13.88	117	105424	18.91	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	298824	20.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28922	19.95	ug/l	96

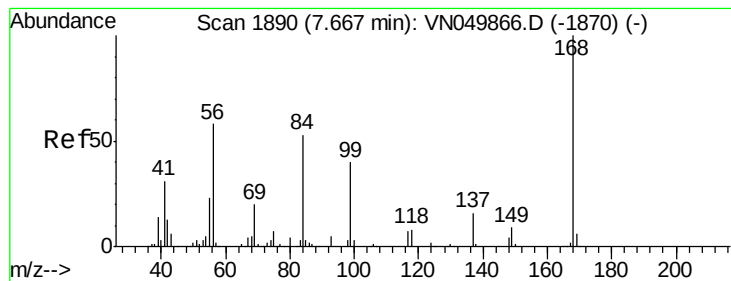
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135514	18.91	ug/l	100
94) Hexachlorobutadiene	15.01	225	91603	18.87	ug/l	100
95) Naphthalene	15.14	128	303200	18.62	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	142004	19.98	ug/l	100

(#) = 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: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

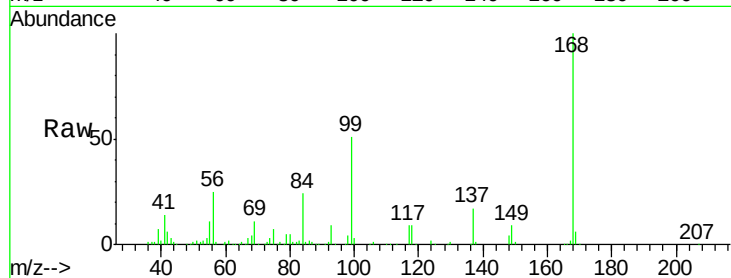
ClientSampleId :

Tot Ion:168 Resp: 586763

Ion Ratio Lower Upper

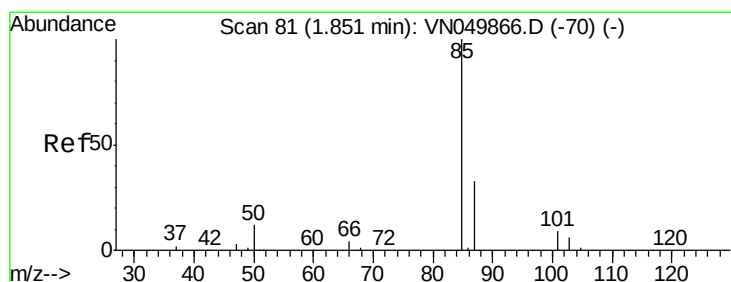
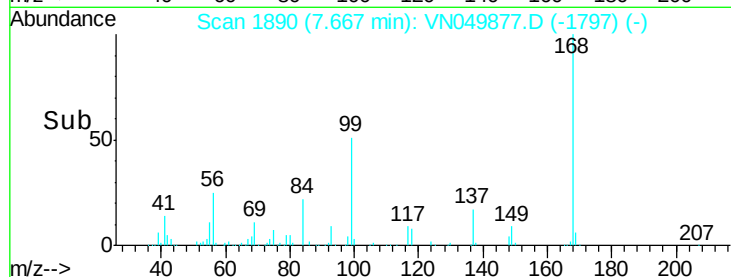
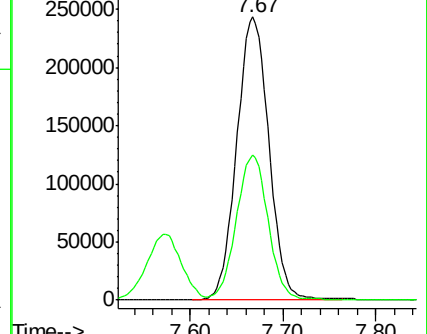
168 100

99 50.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.04 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049877.D

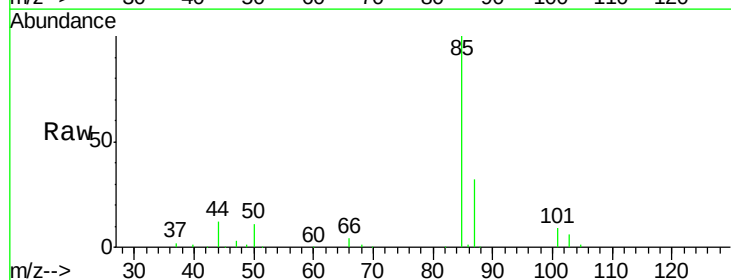
Acq: 18 Jul 2018 17:11

Tgt Ion: 85 Resp: 111848

Ion Ratio Lower Upper

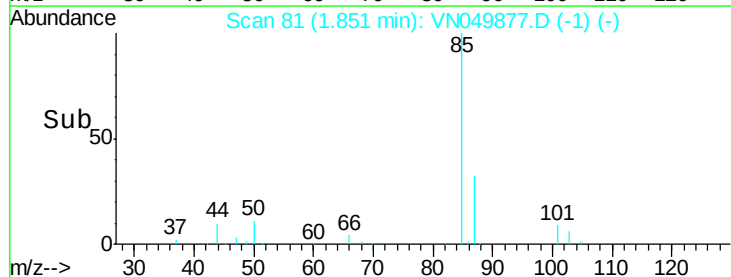
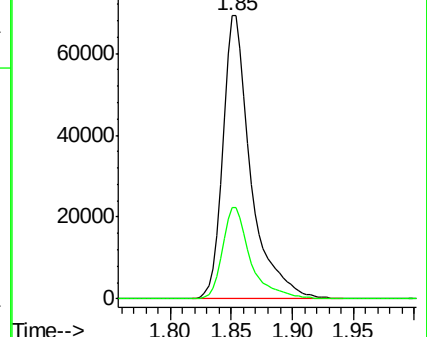
85 100

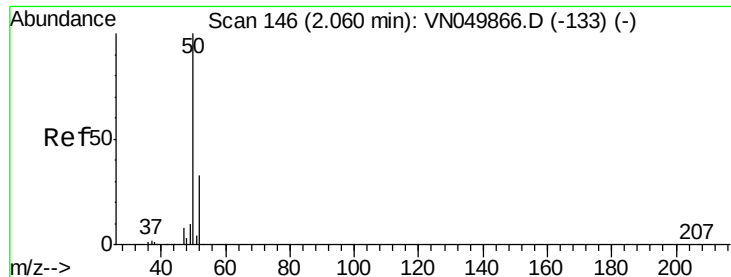
87 32.5 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.75 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

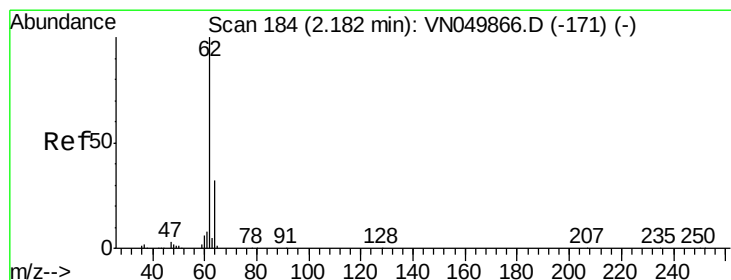
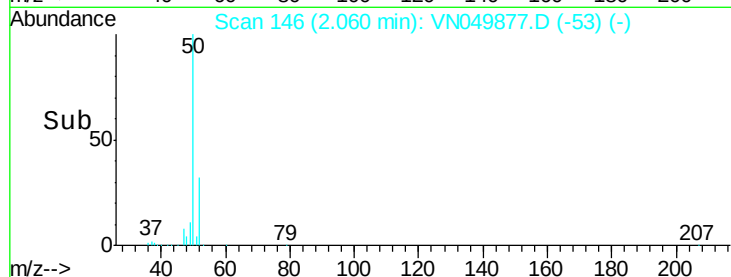
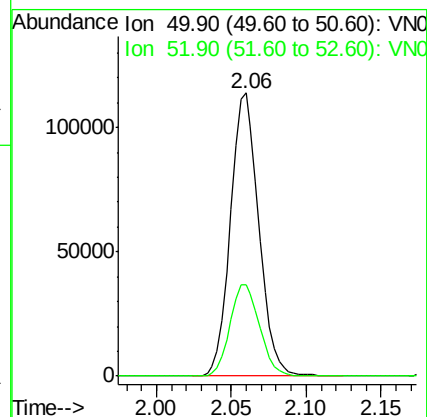
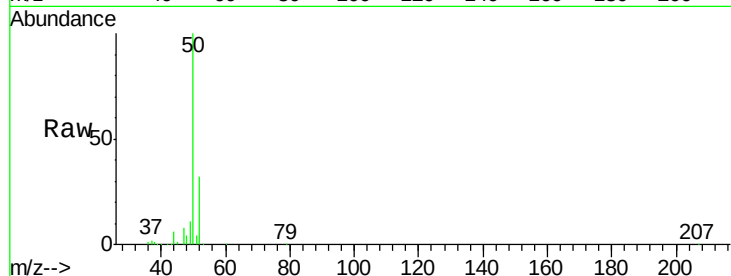
ClientSampled :

Tot Ion: 50 Resp: 150171

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 19.22 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049877.D

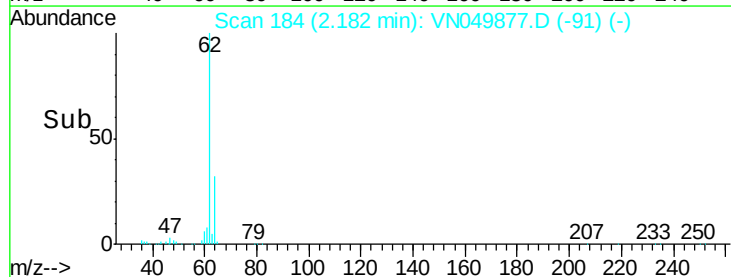
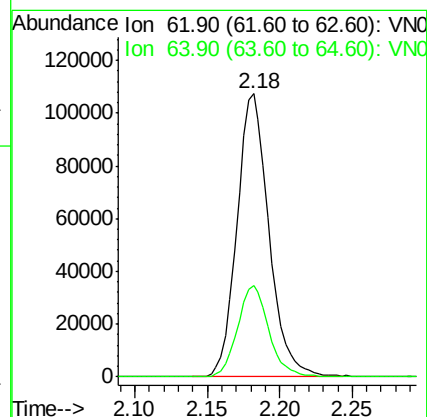
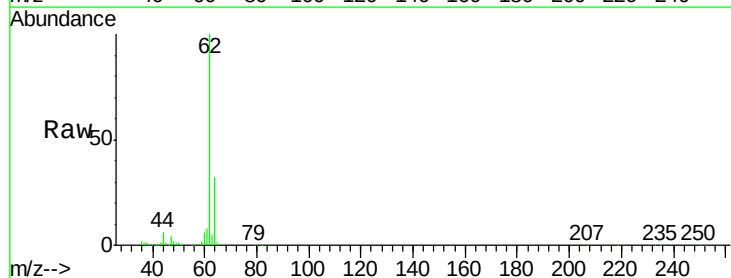
Acq: 18 Jul 2018 17:11

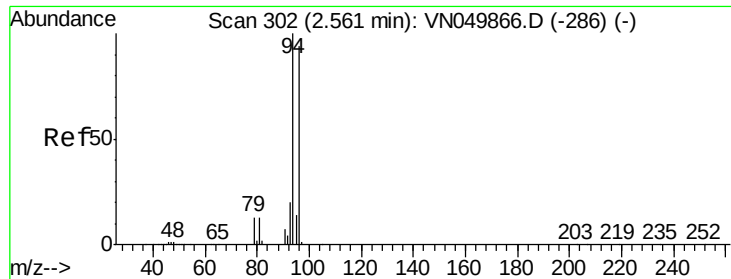
Tgt Ion: 62 Resp: 164198

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 20.88 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

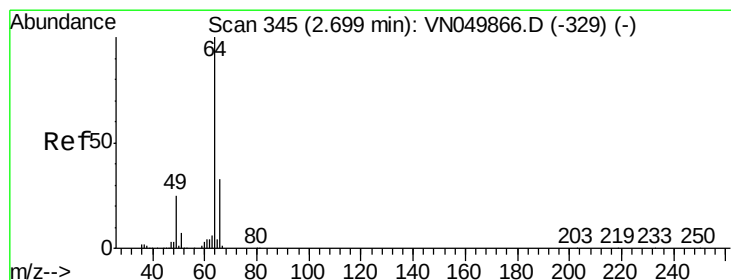
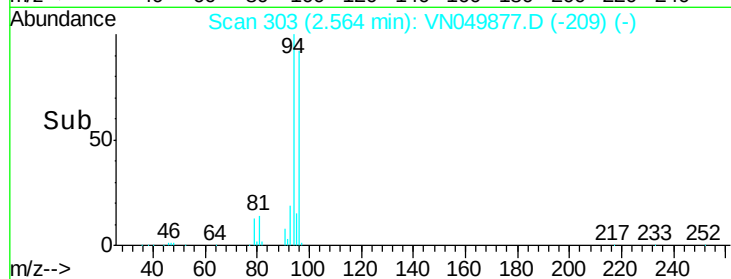
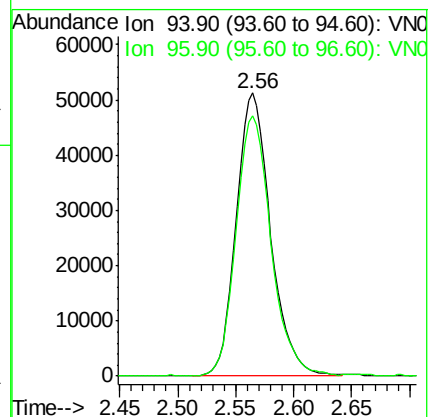
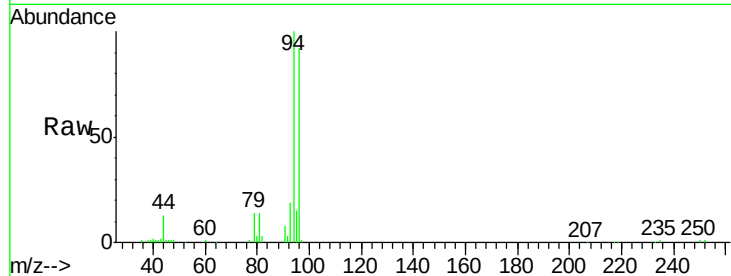
ClientSampled :

Tot Ion: 94 Resp: 105044

Ion Ratio Lower Upper

94 100

96 92.1 75.7 113.5



#6

Chloroethane

Concen: 18.99 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049877.D

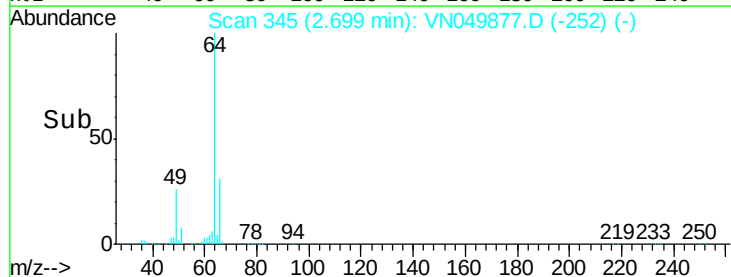
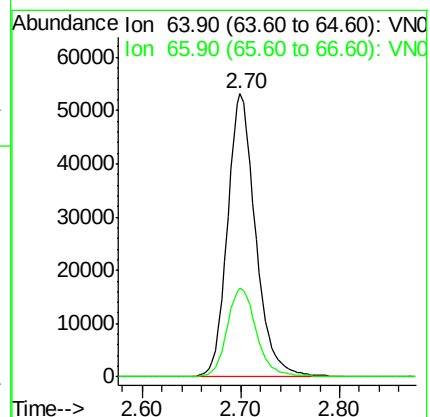
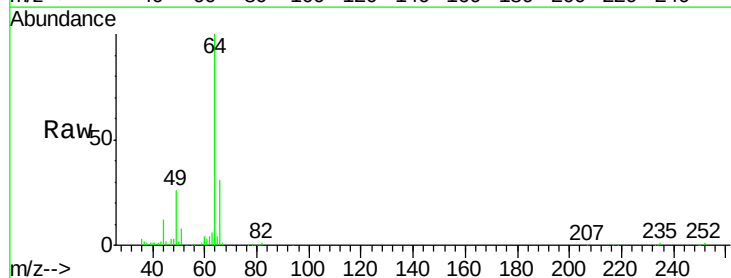
Acq: 18 Jul 2018 17:11

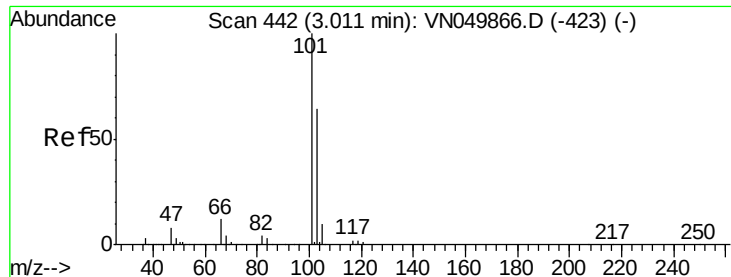
Tgt Ion: 64 Resp: 105932

Ion Ratio Lower Upper

64 100

66 31.2 25.6 38.4





#7

Trichlorofluoromethane

Concen: 19.25 ug/l

RT: 3.01 min Scan# 442

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

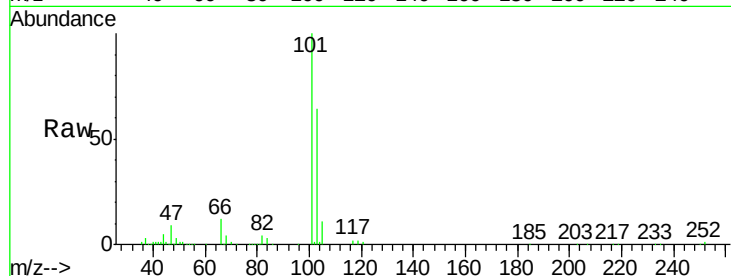
ClientSampled :

Tot Ion:101 Resp: 226009

Ion Ratio Lower Upper

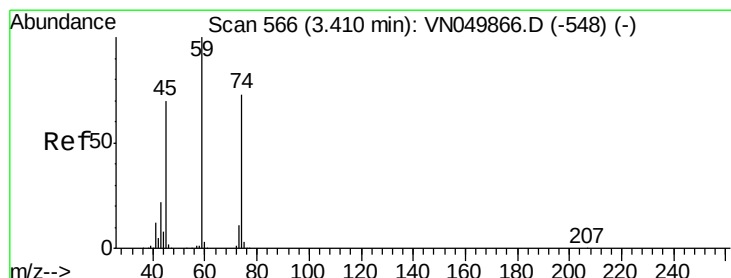
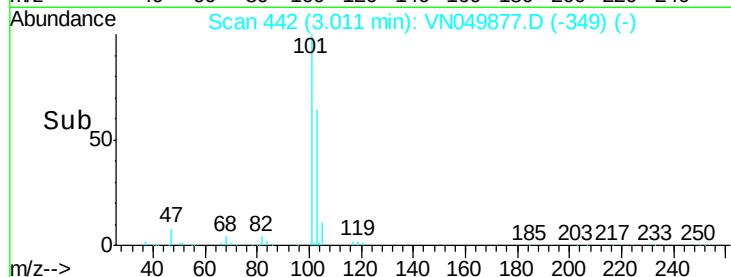
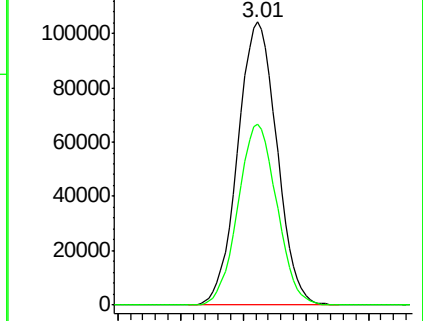
101 100

103 64.1 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.66 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049877.D

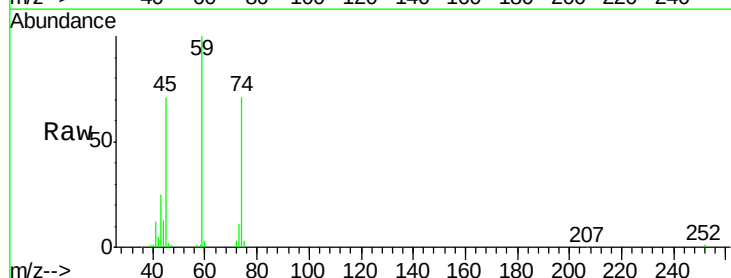
Acq: 18 Jul 2018 17:11

Tgt Ion: 74 Resp: 80530

Ion Ratio Lower Upper

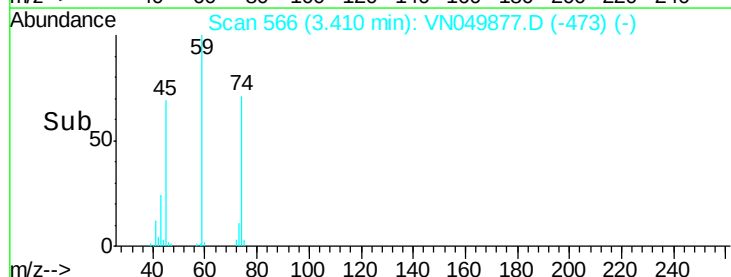
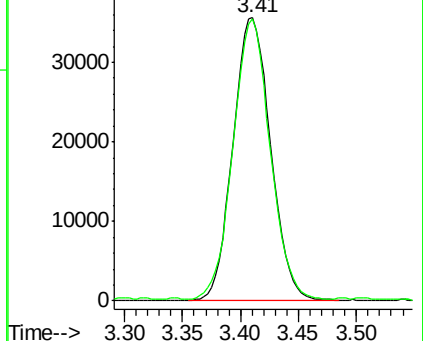
74 100

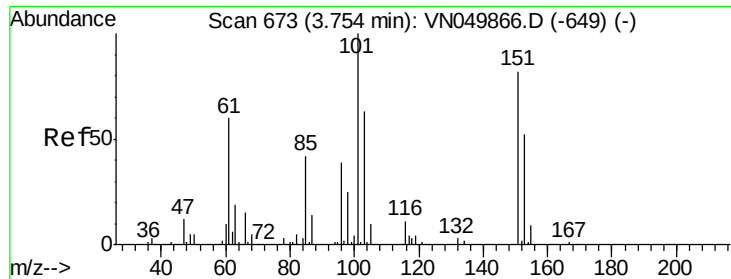
45 97.0 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.86 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

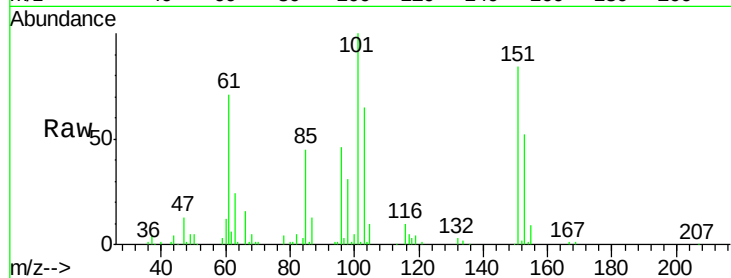
Tot Ion:101 Resp: 136525

Ion Ratio Lower Upper

101 100

85 43.6 34.4 51.6

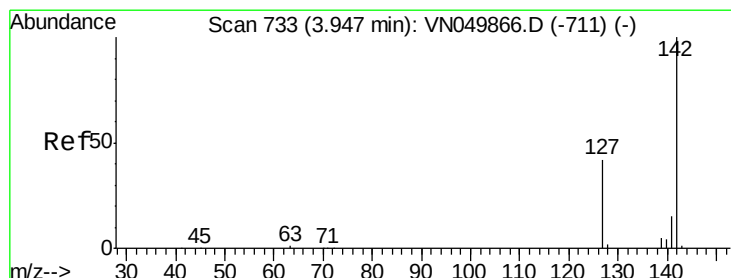
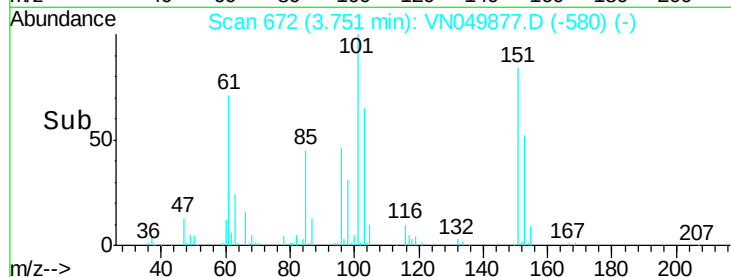
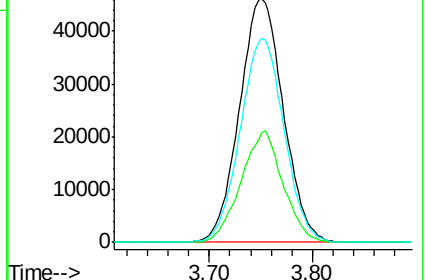
151 83.6 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.11 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

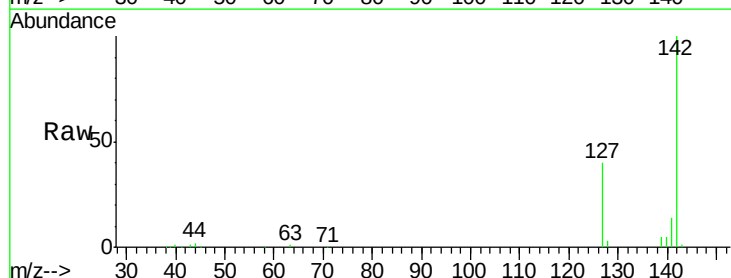
Tgt Ion:142 Resp: 175957

Ion Ratio Lower Upper

142 100

127 41.9 32.5 48.7

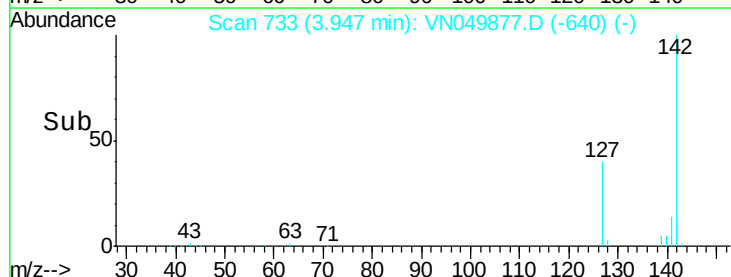
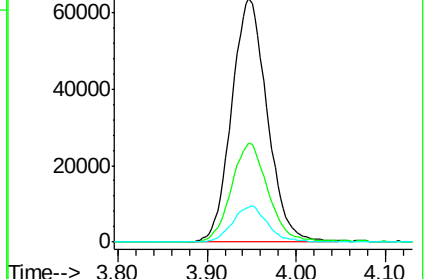
141 14.4 11.1 16.7

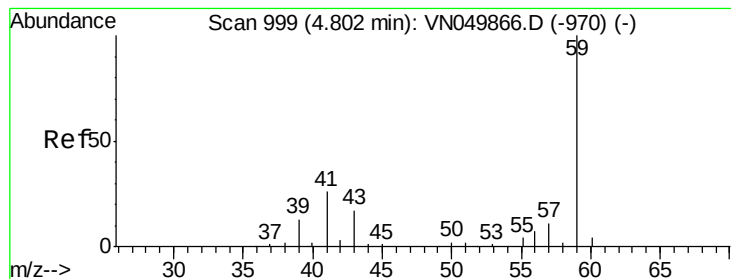


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



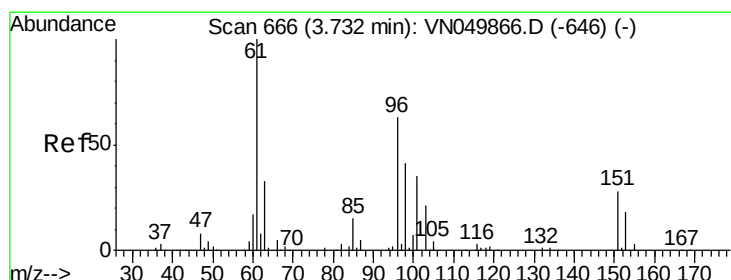
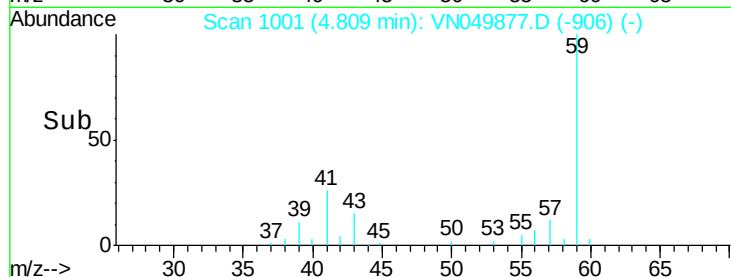
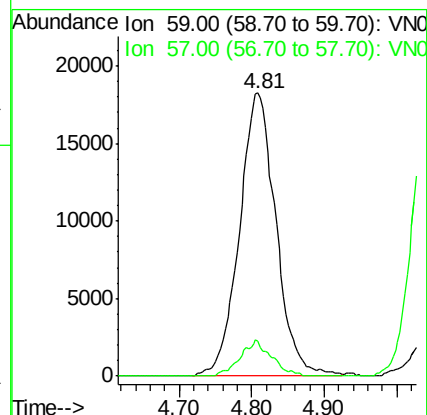
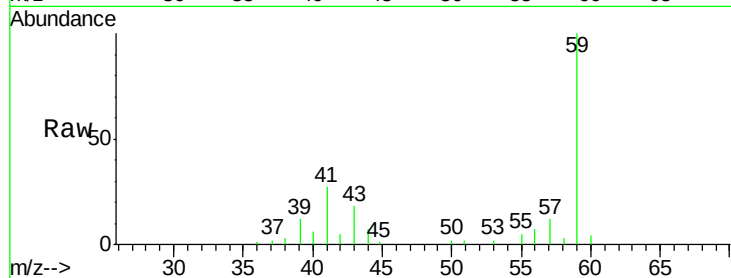


#11

Tert butyl alcohol
 Concen: 111.44 ug/l
 RT: 4.81 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Instrument :
 MSVOA_N
 ClientSampleId :

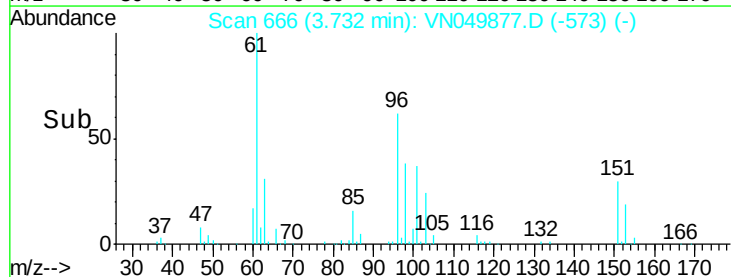
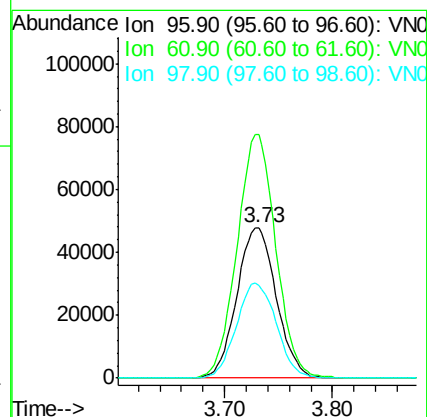
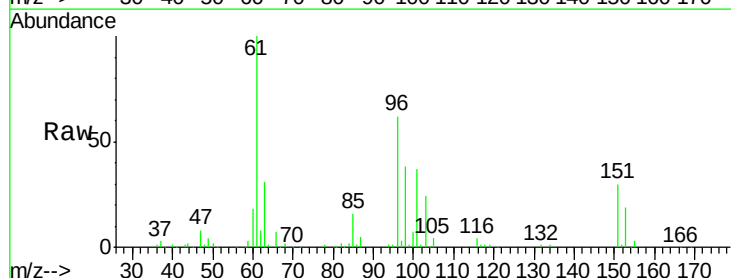
Tot Ion: 59 Resp: 64026
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.5 12.7

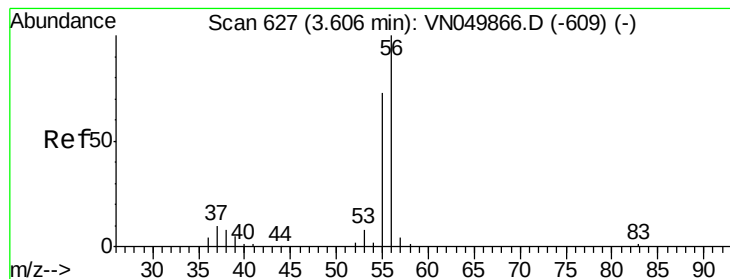


#12

1,1-Dichloroethene
 Concen: 19.15 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion: 96 Resp: 121838
 Ion Ratio Lower Upper
 96 100
 61 161.2 126.5 189.7
 98 61.8 51.0 76.6





#13

Acrolein

Concen: 105.67 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

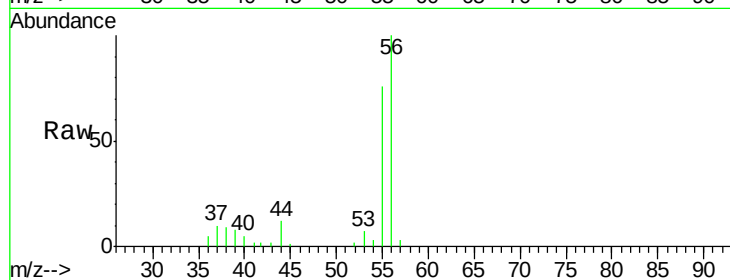
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 39122

Ion Ratio Lower Upper

56 100

55 70.3 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN049866.D (-609) (-)

Ion 55.00 (54.70 to 55.70): VN049866.D (-609) (-)

3.61

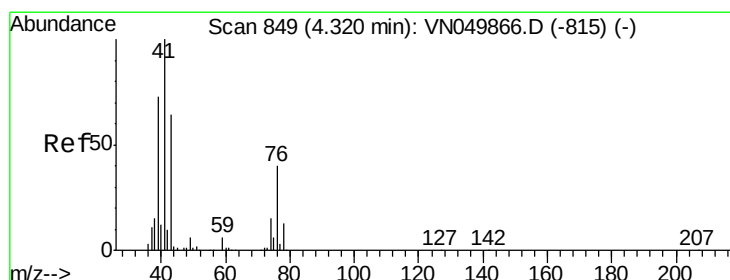
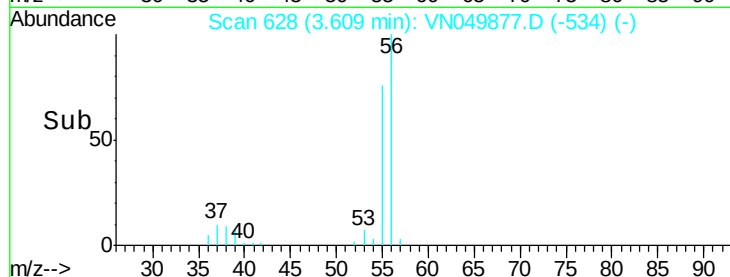
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 19.48 ug/l

RT: 4.32 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

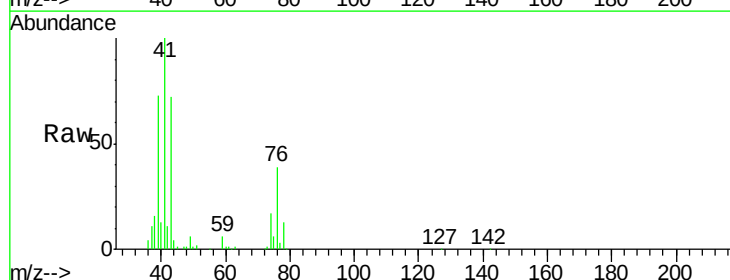
Tgt Ion: 41 Resp: 195354

Ion Ratio Lower Upper

41 100

39 69.1 53.2 79.8

76 36.6 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VN049866.D (-815) (-)

Ion 39.00 (38.70 to 39.70): VN049866.D (-815) (-)

Ion 75.90 (75.60 to 76.60): VN049866.D (-815) (-)

4.32

80000

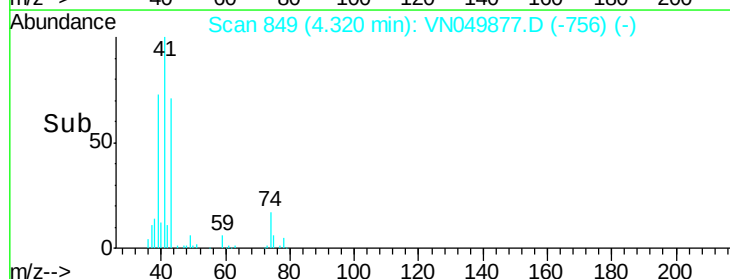
60000

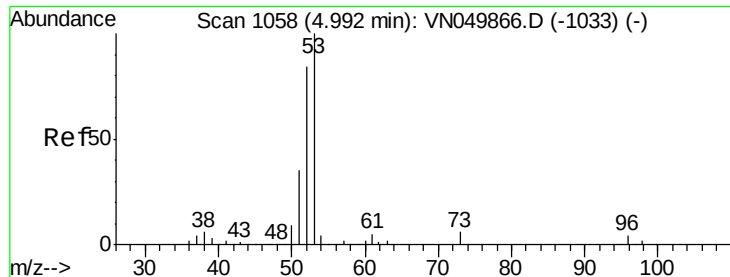
40000

20000

0

Time-->



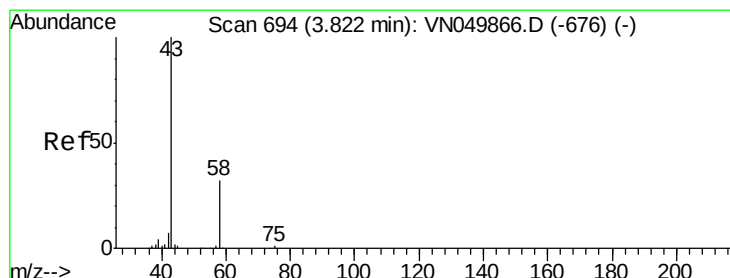
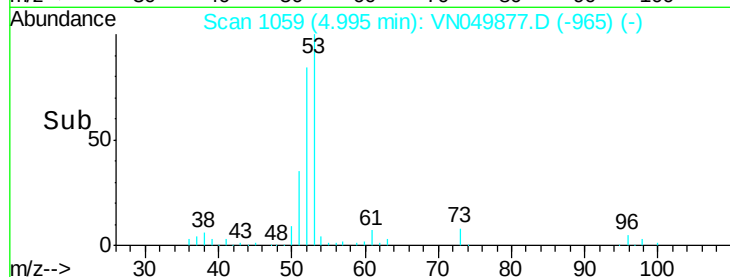
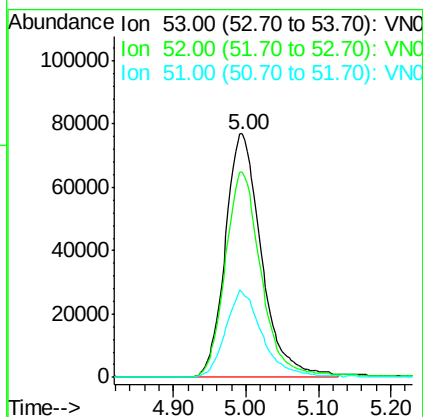
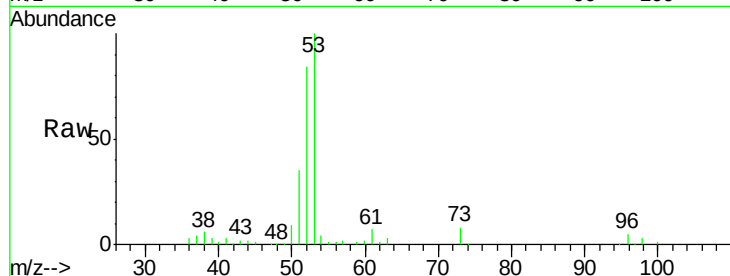


#15
 Acrylonitrile
 Concen: 105.65 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 53 Resp: 266967

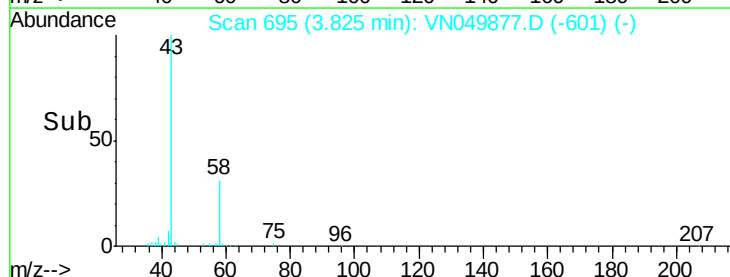
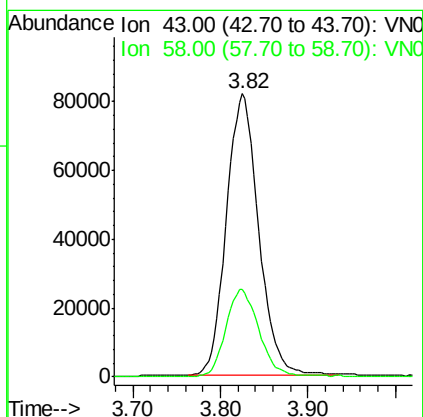
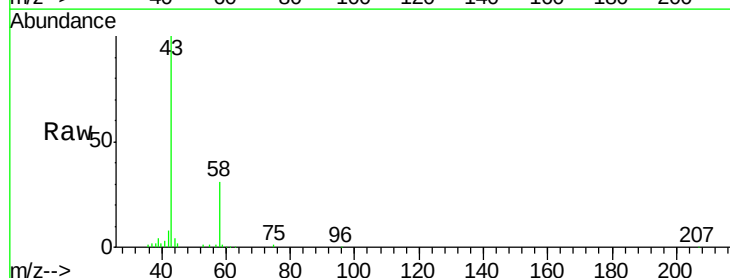
Ion	Ratio	Lower	Upper
53	100		
52	83.8	64.8	97.2
51	36.3	28.9	43.3

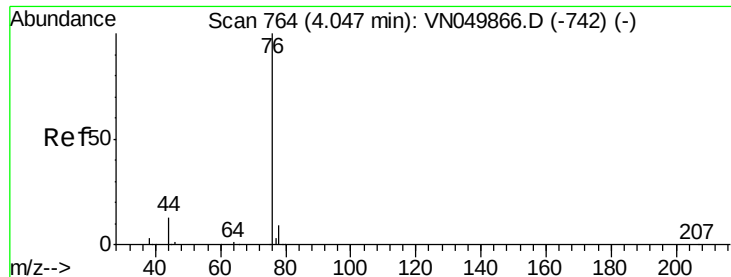


#16
 Acetone
 Concen: 99.97 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion: 43 Resp: 208748

Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.9	38.9





#17

Carbon Disulfide

Concen: 18.25 ug/l

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

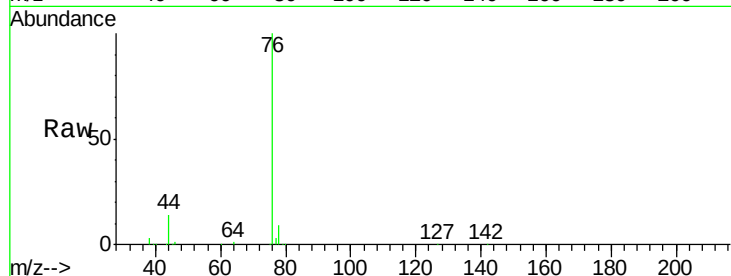
ClientSampled :

Tot Ion: 76 Resp: 347348

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN049866.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049866.D (-742) (-)

4.05

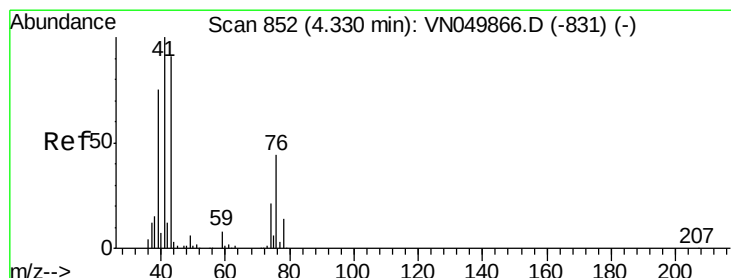
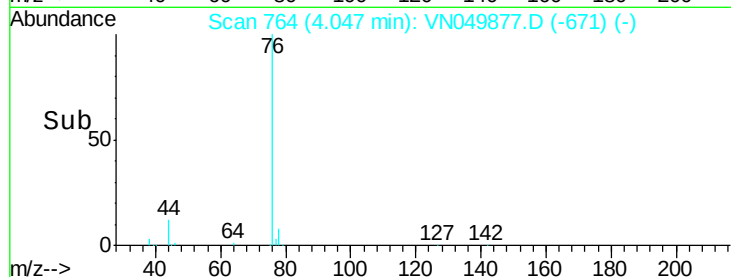
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 22.99 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049877.D

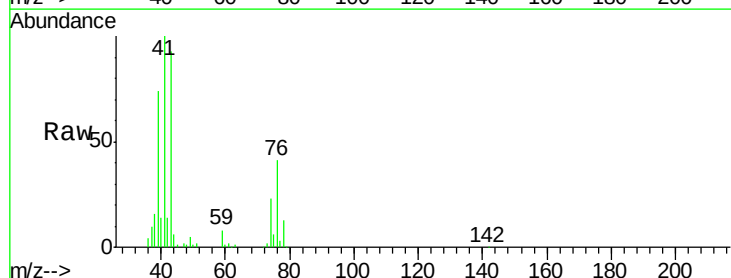
Acq: 18 Jul 2018 17:11

Tgt Ion: 43 Resp: 153799

Ion Ratio Lower Upper

43 100

74 24.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-831) (-)

Ion 74.00 (73.70 to 74.70): VN049866.D (-831) (-)

4.33

60000

50000

40000

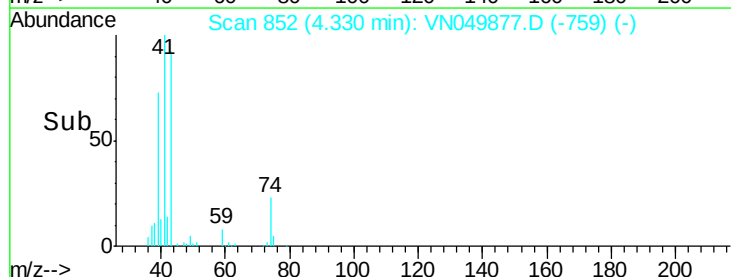
30000

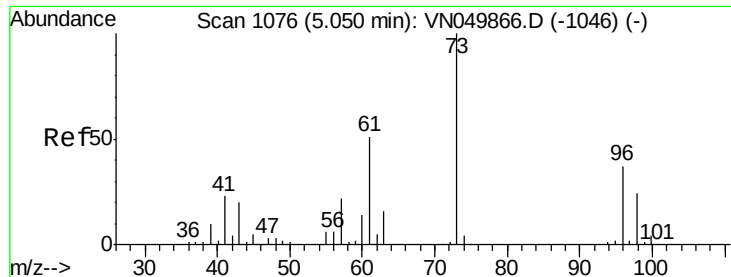
20000

10000

0

Time-->

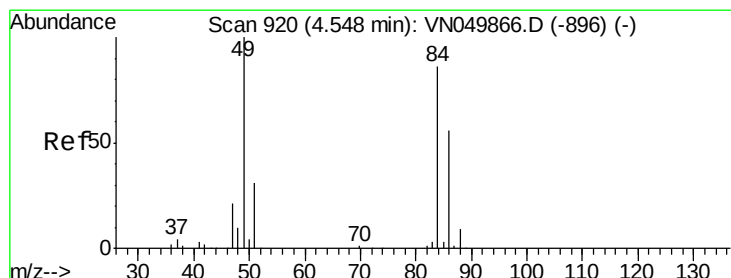
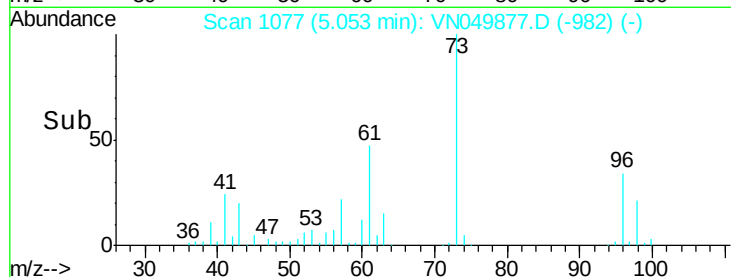
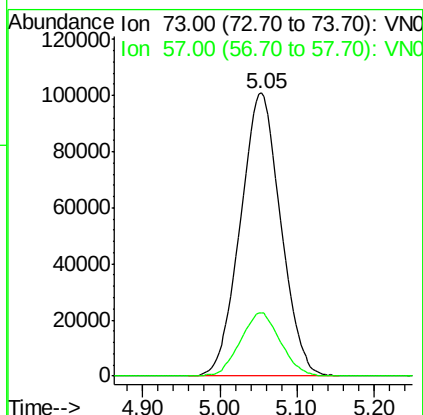
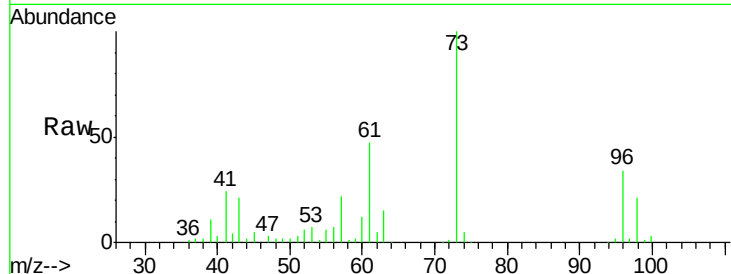




#19
Methyl tert-butyl Ether
Concen: 20.97 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

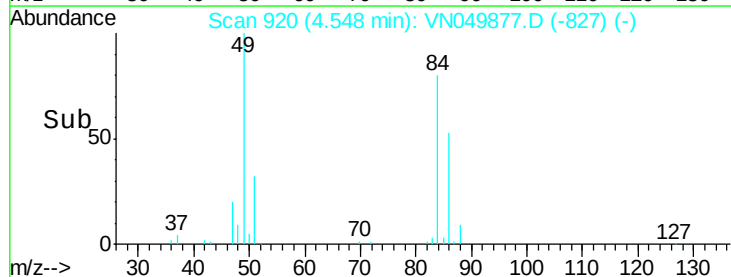
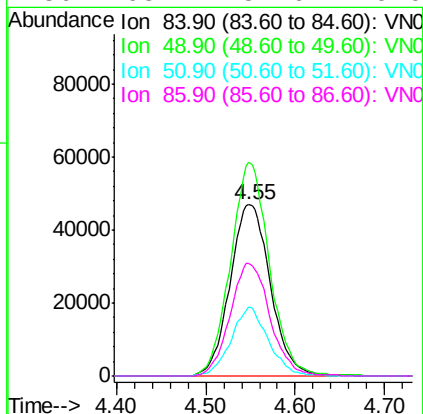
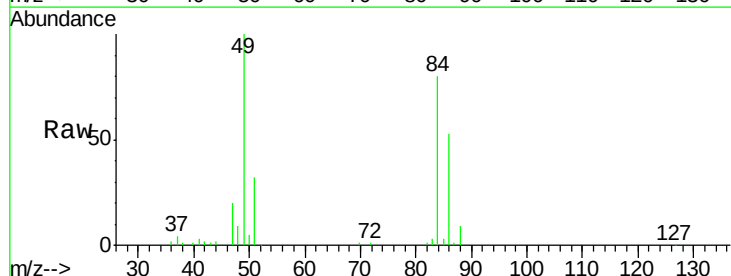
Instrument :
MSVOA_N
ClientSampled :

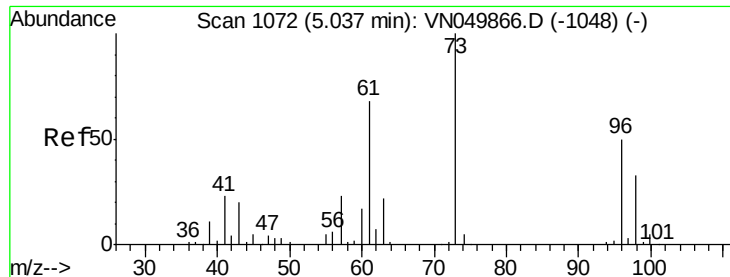
Tot Ion: 73 Resp: 367118
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 18.52 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion: 84 Resp: 147041
Ion Ratio Lower Upper
84 100
49 124.6 95.4 143.2
51 40.1 28.4 42.6
86 65.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.83 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :
MSVOA_N
ClientSampled :

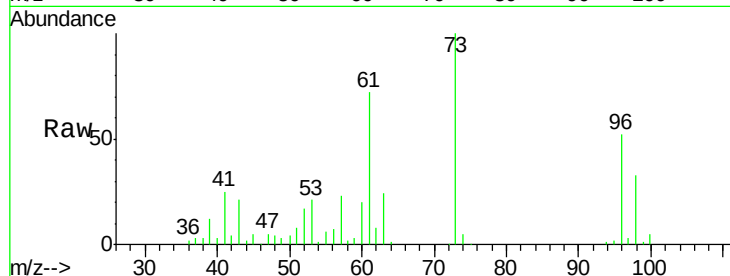
Tot Ion: 96 Resp: 133928

Ion Ratio Lower Upper

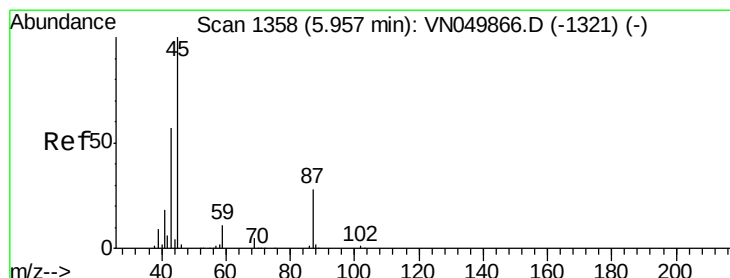
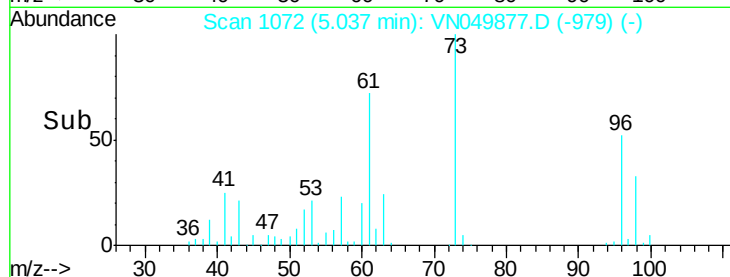
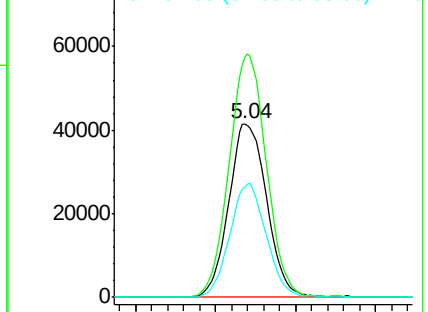
96 100

61 137.6 109.0 163.6

98 63.8 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: 21.26 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Tgt Ion: 45 Resp: 434980

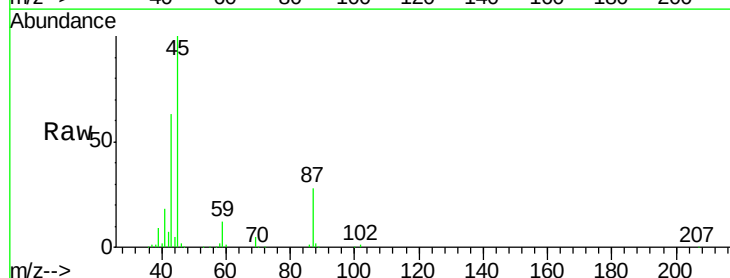
Ion Ratio Lower Upper

45 100

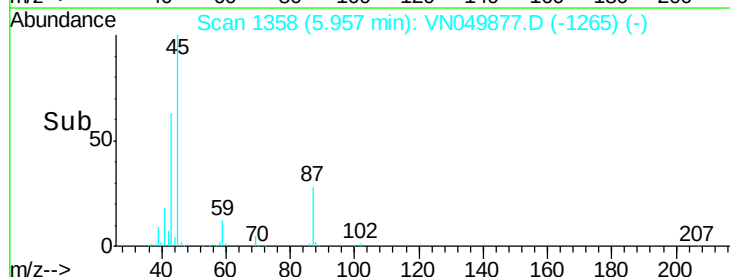
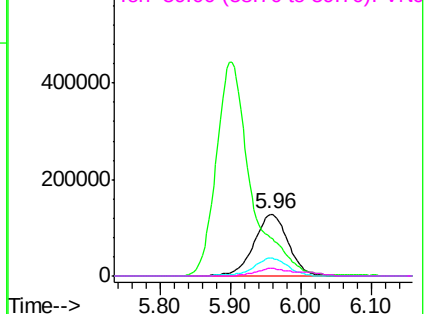
43 61.1 48.1 72.1

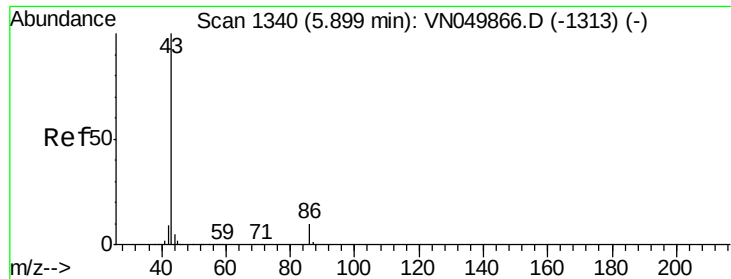
87 28.2 22.6 34.0

59 11.7 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: 106.21 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

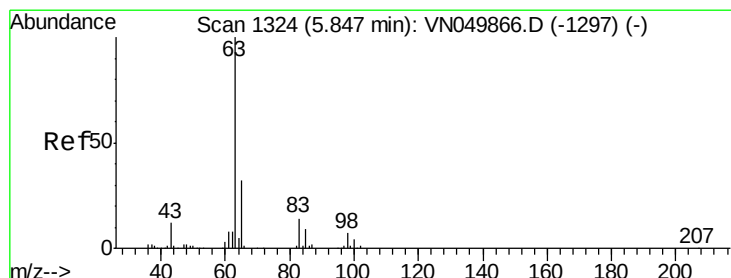
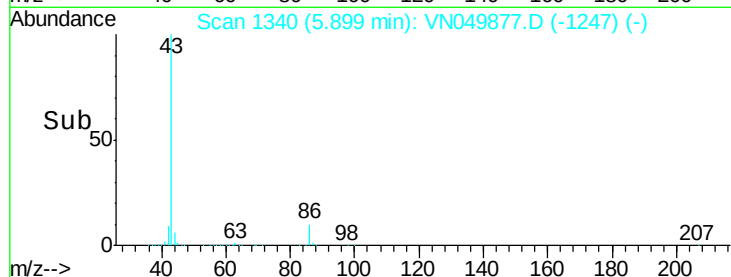
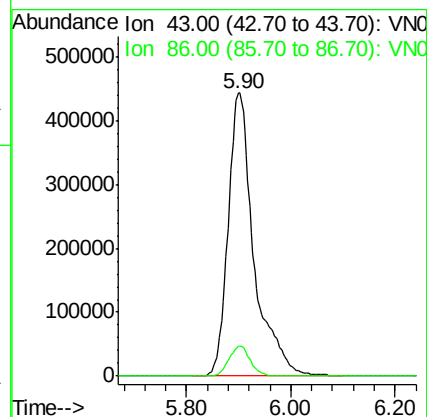
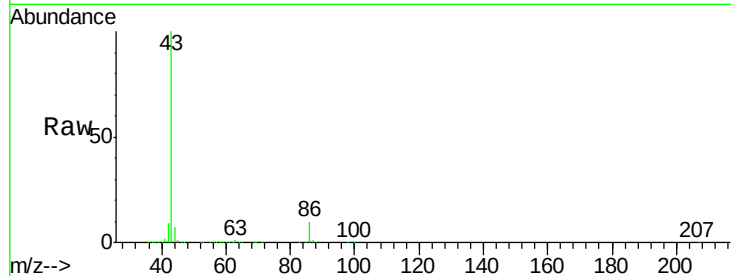
ClientSampleId :

Tot Ion: 43 Resp: 1524908

Ion Ratio Lower Upper

43 100

86 10.4 8.4 12.6



#24

1,1-Dichloroethane

Concen: 19.91 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

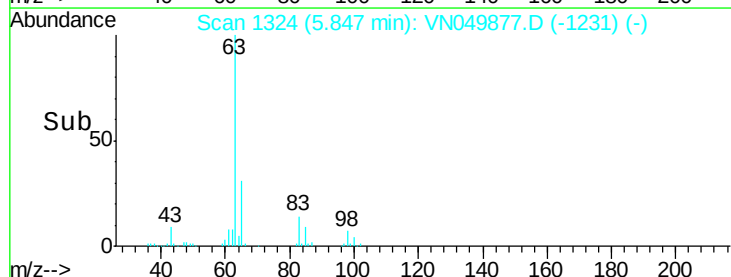
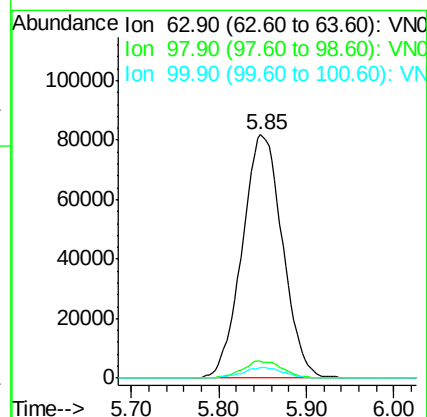
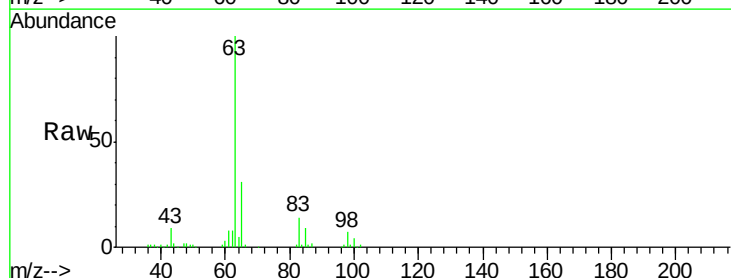
Tgt Ion: 63 Resp: 261574

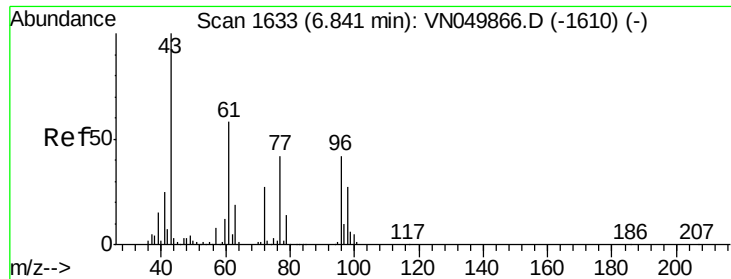
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 106.27 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

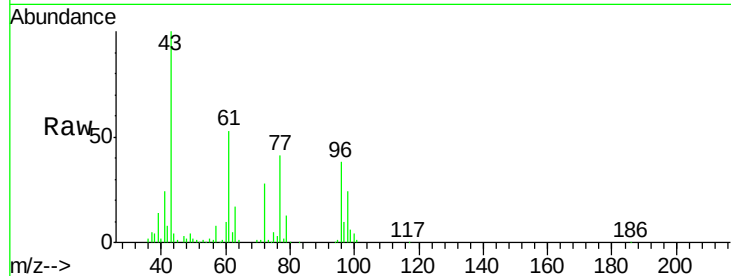
ClientSampled :

Tot Ion: 43 Resp: 317116

Ion Ratio Lower Upper

43 100

72 27.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

120000

100000

80000

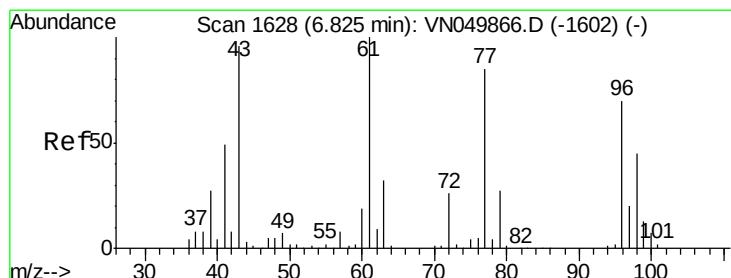
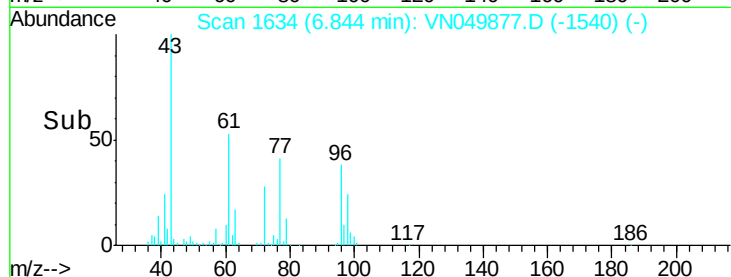
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 20.18 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049877.D

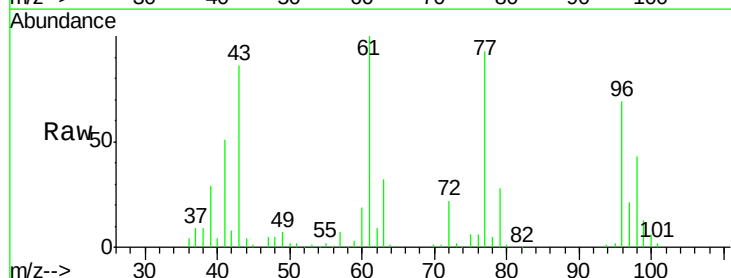
Acq: 18 Jul 2018 17:11

Tgt Ion: 77 Resp: 206285

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

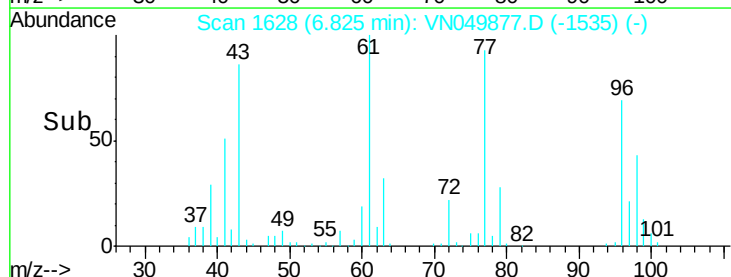
60000

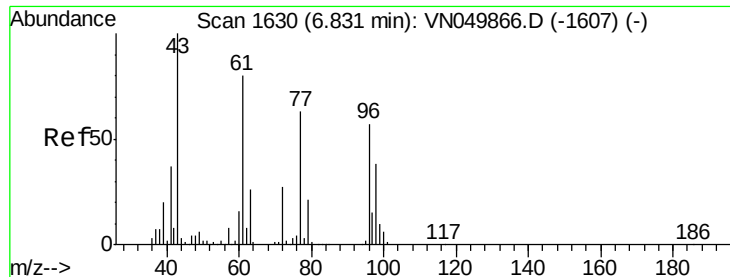
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 20.59 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :
MSVOA_N
ClientSampleId :

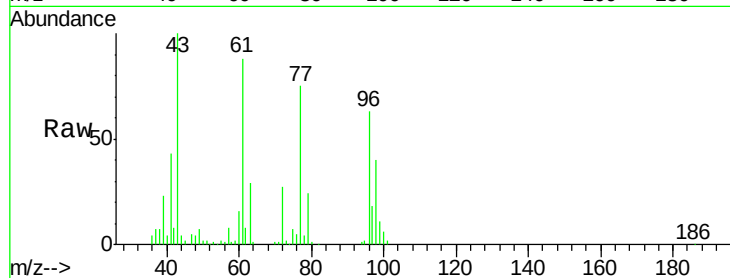
Tot Ion: 96 Resp: 152589

Ion Ratio Lower Upper

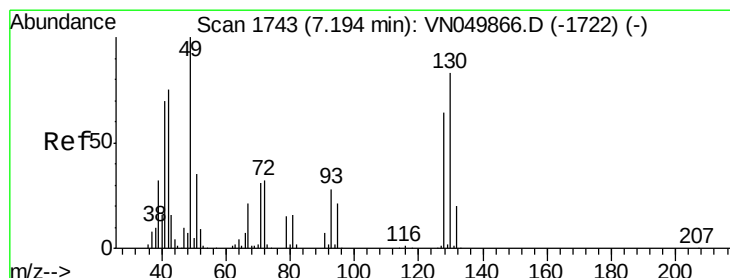
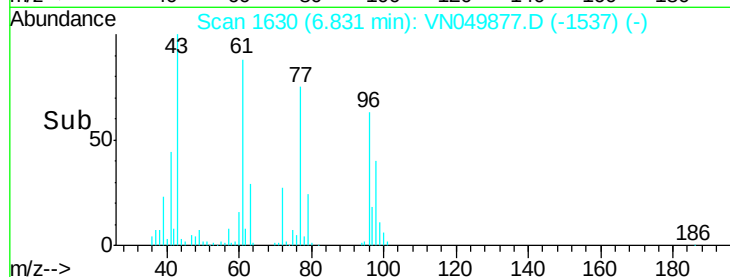
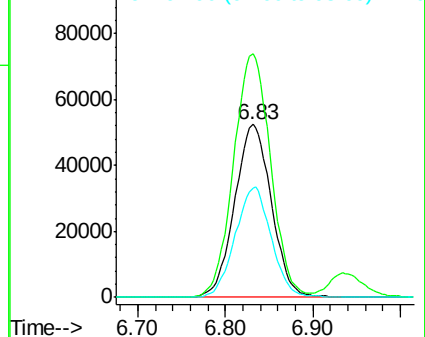
96 100

61 142.1 0.0 289.0

98 62.9 0.0 130.2



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



#28

Bromochloromethane

Concen: 21.33 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

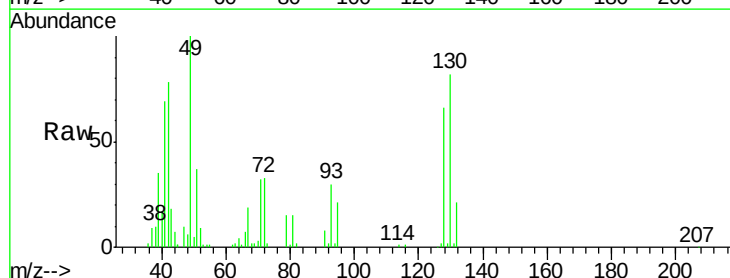
Tgt Ion: 49 Resp: 126565

Ion Ratio Lower Upper

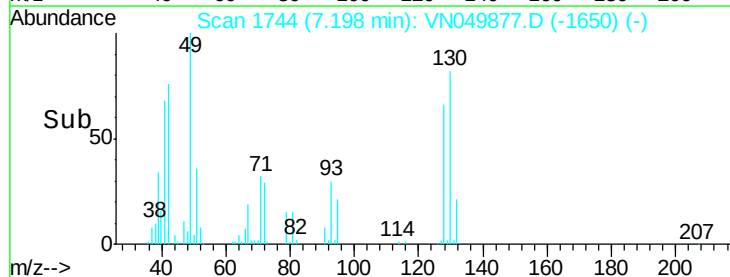
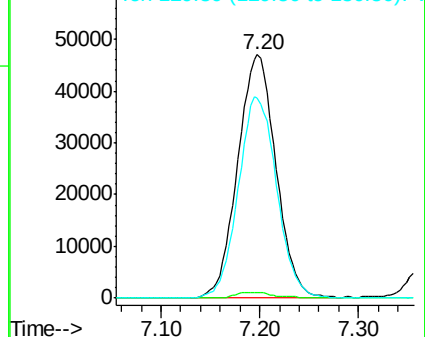
49 100

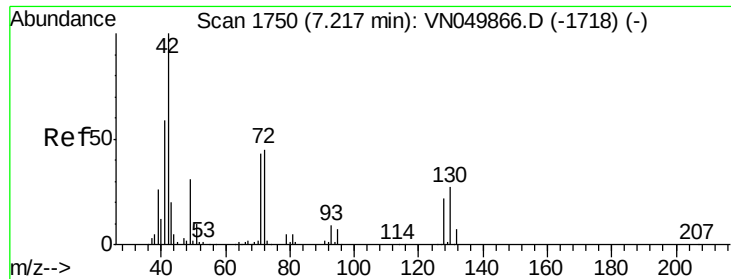
129 1.0 0.0 4.2

130 82.8 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

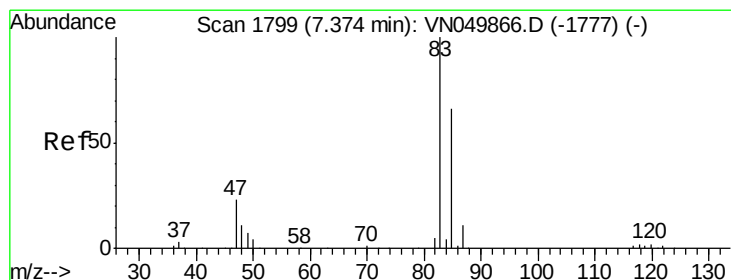
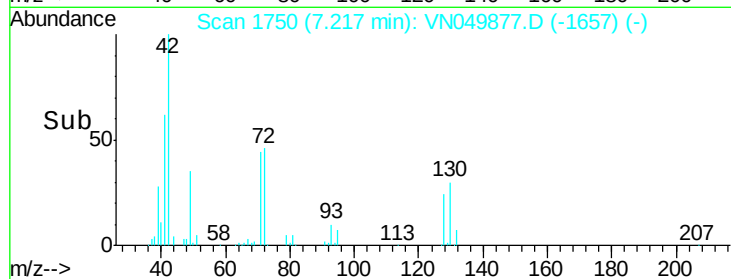
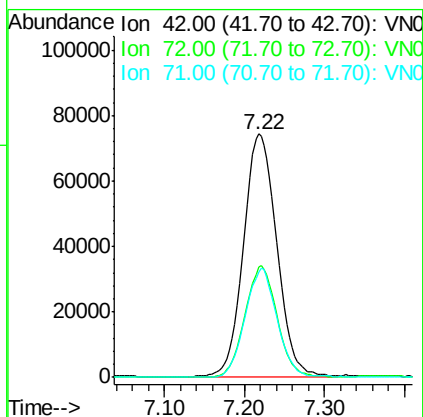
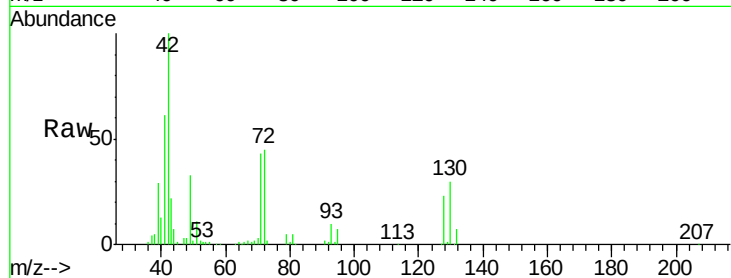




#29
Tetrahydrofuran
Concen: 111.01 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

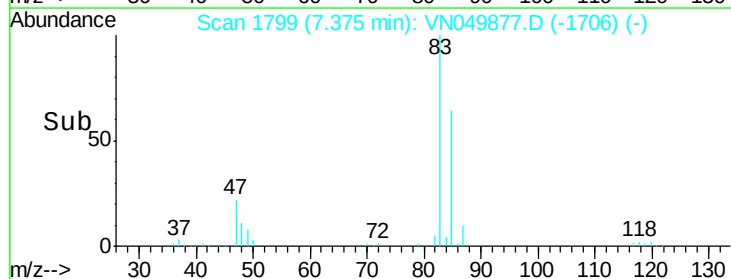
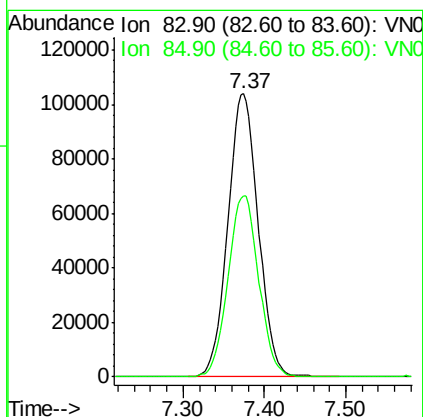
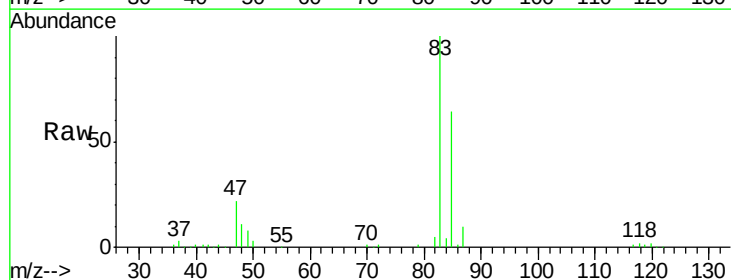
Instrument :
MSVOA_N
ClientSampled :

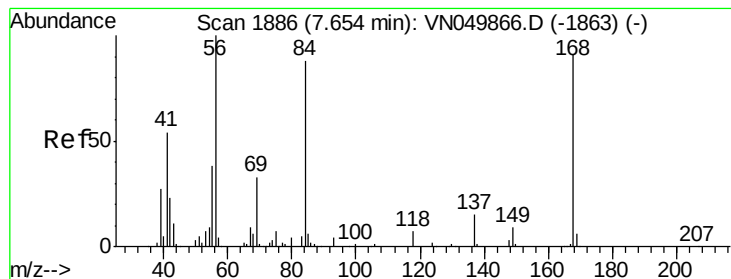
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.6	53.4
71	43.0	34.0	51.0



#30
Chloroform
Concen: 20.03 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.2





#31

Cyclohexane

Concen: 19.69 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

ClientSampled :

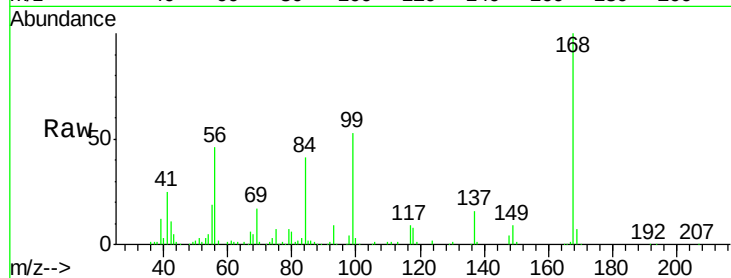
Tot Ion: 56 Resp: 210584

Ion Ratio Lower Upper

56 100

69 36.6 26.6 40.0

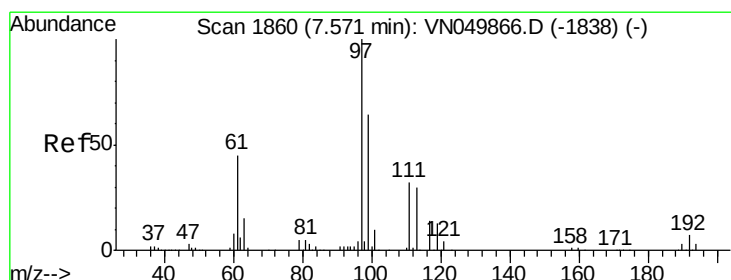
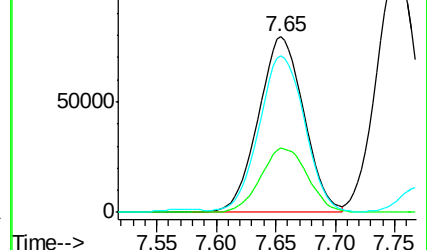
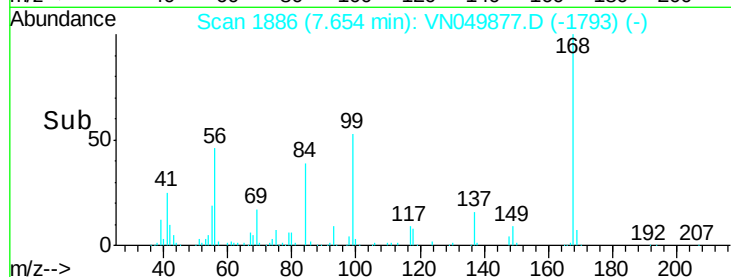
84 87.9 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN049866.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN049866.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN049866.D (-1863) (-)



#32

1,1,1-Trichloroethane

Concen: 19.60 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

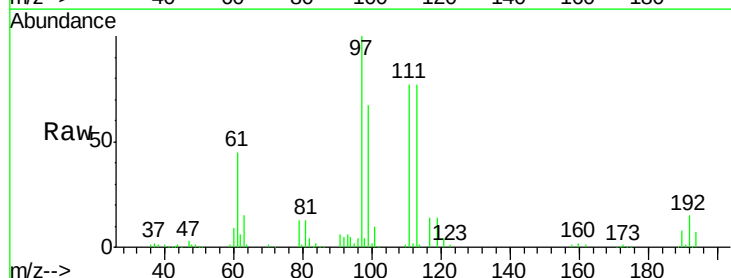
Tgt Ion: 97 Resp: 228498

Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

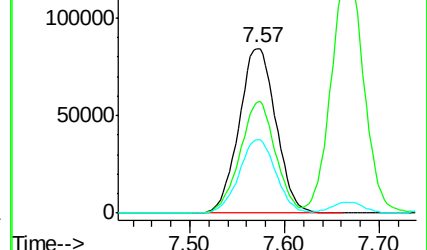
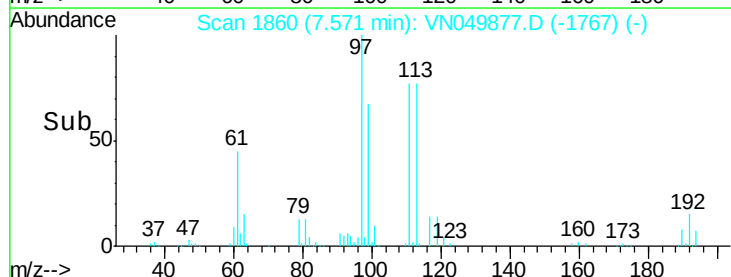
61 44.3 35.5 53.3

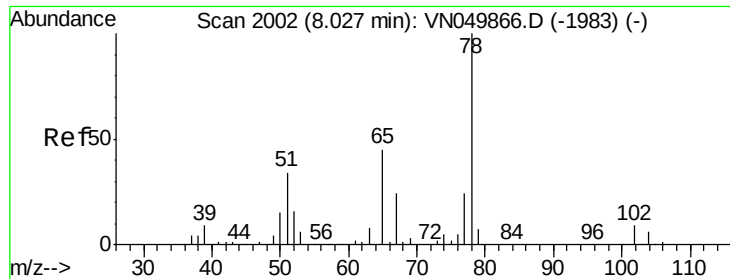


Abundance Ion 96.90 (96.60 to 97.60): VN049866.D (-1838) (-)

Ion 98.90 (98.60 to 99.60): VN049866.D (-1838) (-)

Ion 60.90 (60.60 to 61.60): VN049866.D (-1838) (-)

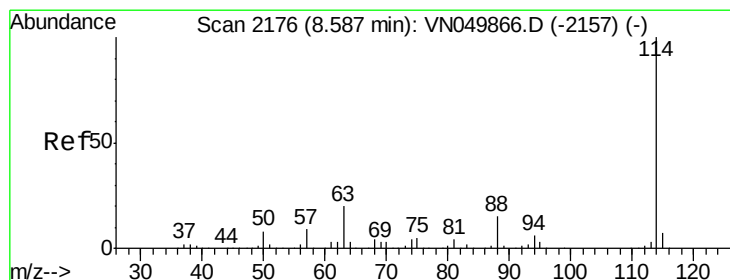
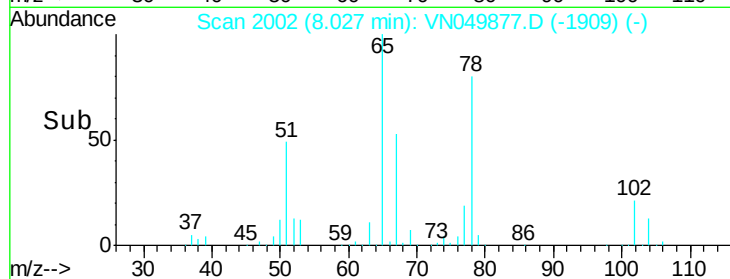
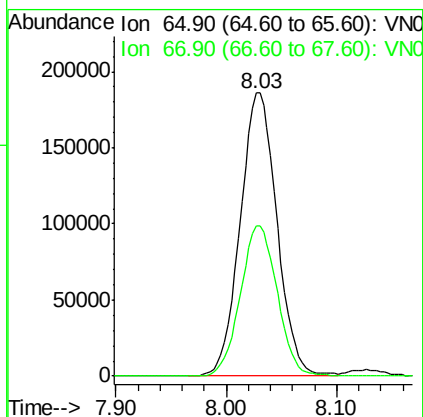
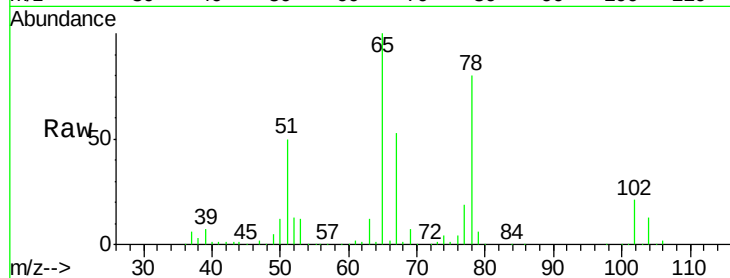




#33
 1,2-Dichloroethane-d4
 Concen: 53.33 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

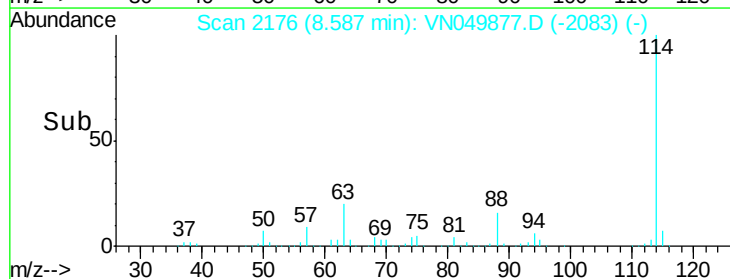
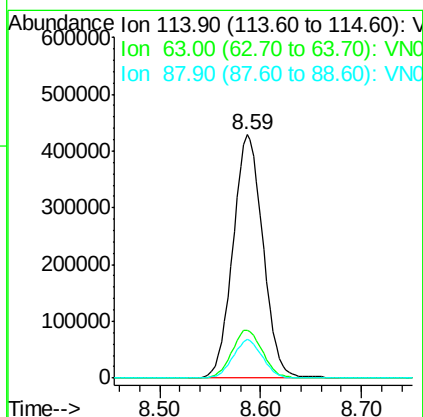
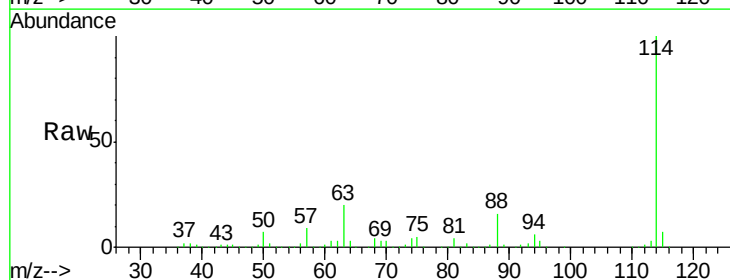
Instrument :
 MSVOA_N
 ClientSampled :

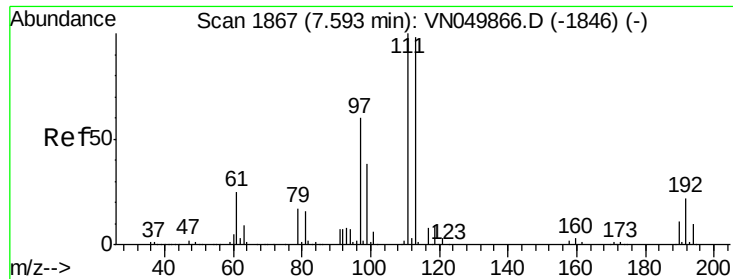
Tot Ion: 65 Resp: 430106
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion: 114 Resp: 885847
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.7 0.0 30.6

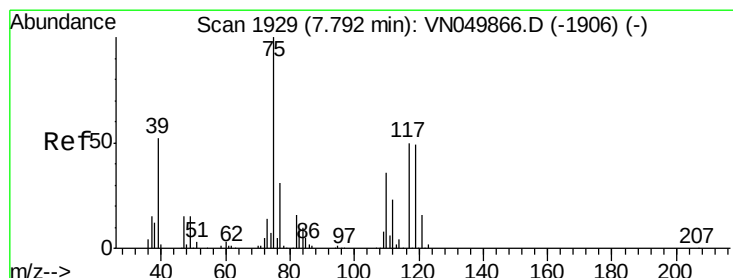
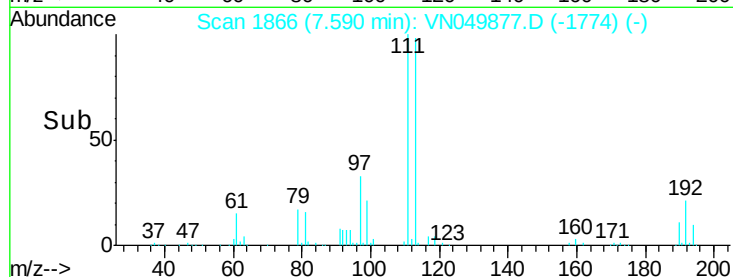
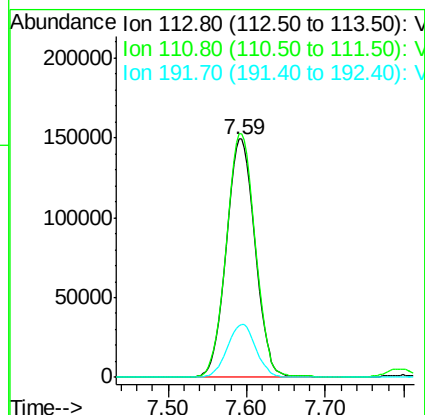
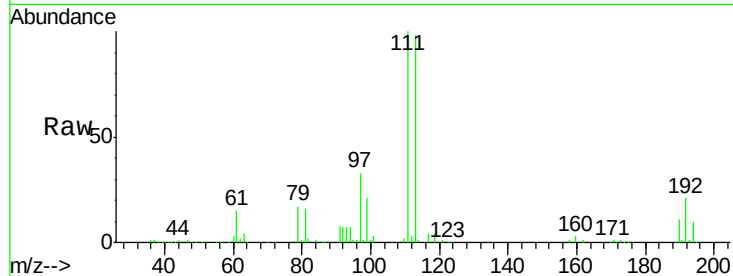




#35
 Dibromofluoromethane
 Concen: 50.83 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

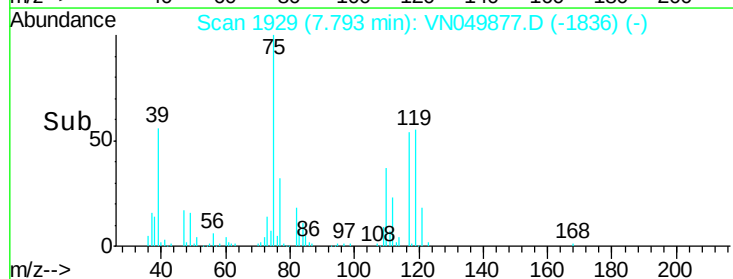
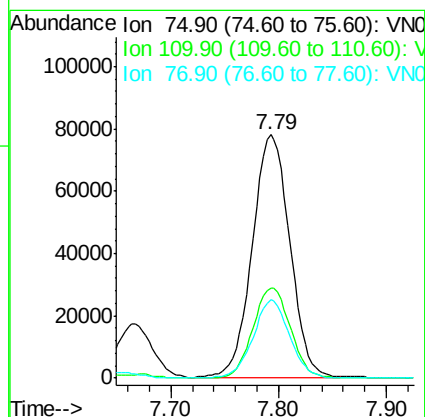
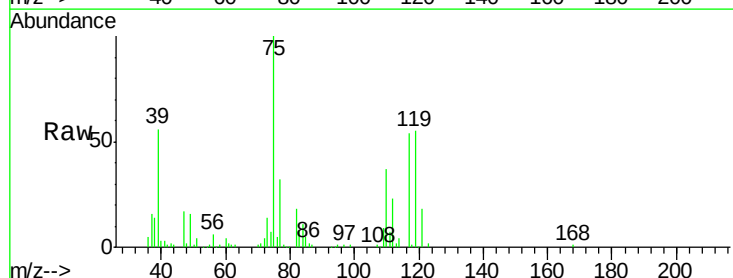
Instrument :
 MSVOA_N
 ClientSampleId :

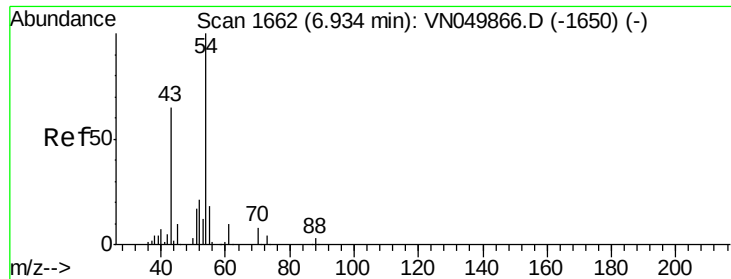
Tot Ion:113 Resp: 378005
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.8
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 19.10 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion: 75 Resp: 188175
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.1 54.4
 77 31.6 24.9 37.3

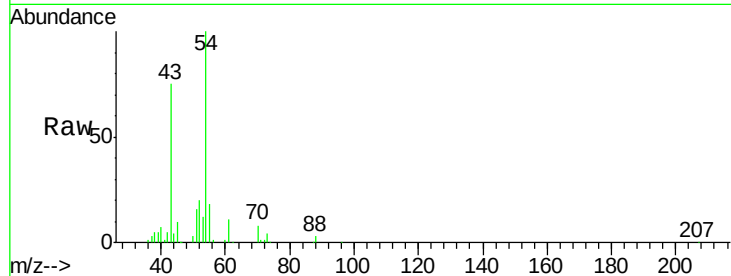




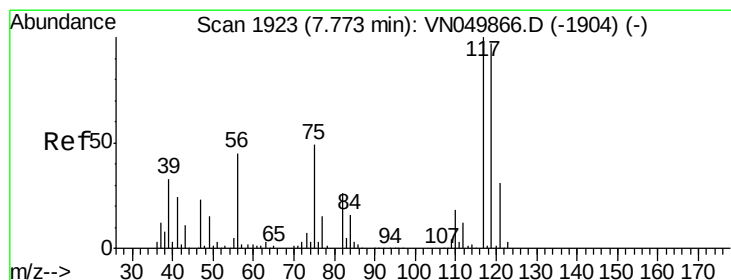
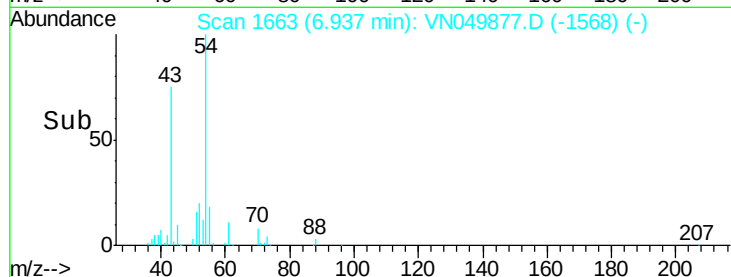
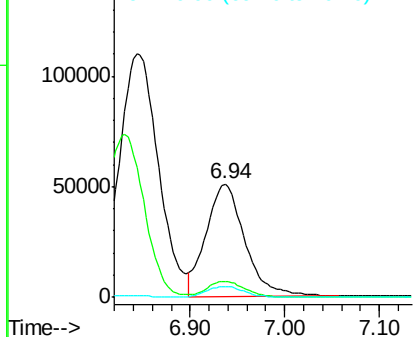
#37
Ethyl Acetate
Concen: 21.31 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 144154
Ion Ratio Lower Upper
43 100
61 13.7 11.7 17.5
70 9.6 8.4 12.6

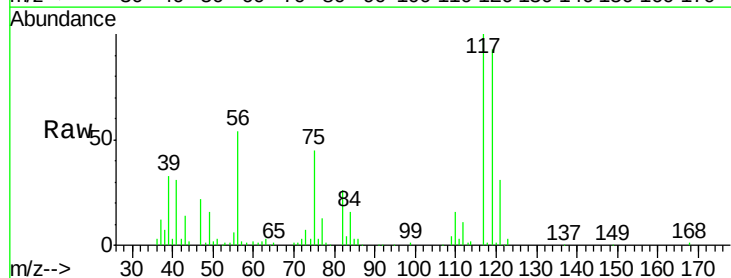


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

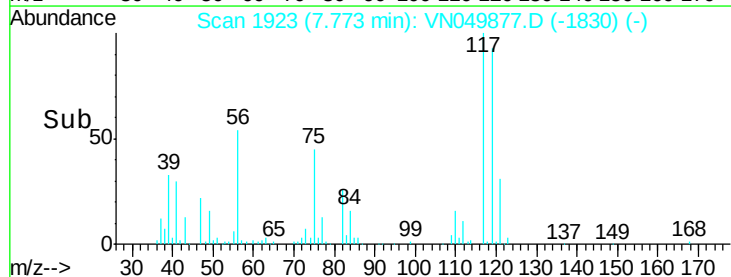
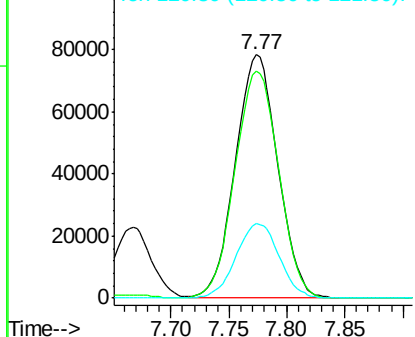


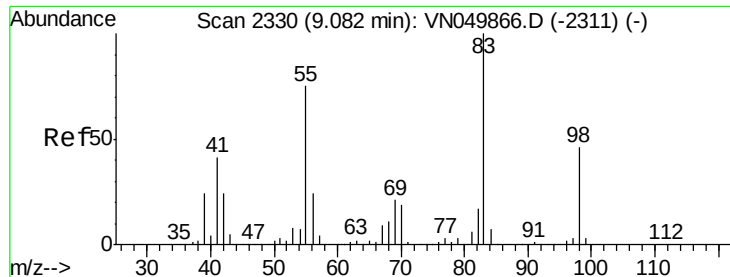
#38
Carbon Tetrachloride
Concen: 18.83 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion: 117 Resp: 198626
Ion Ratio Lower Upper
117 100
119 93.6 77.2 115.8
121 30.9 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

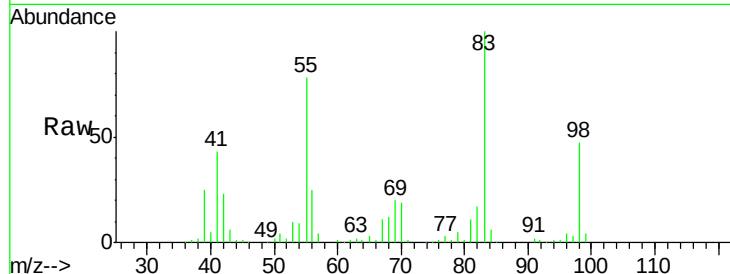




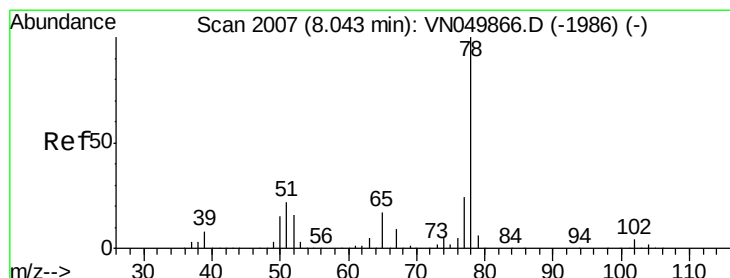
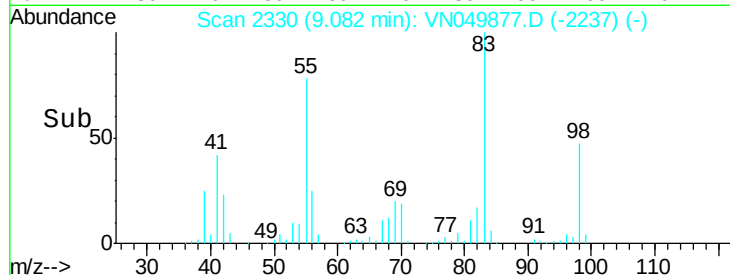
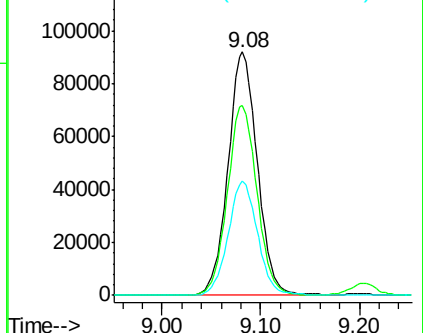
#39
Methylvlcyclohexane
Concen: 18.76 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 190882
Ion Ratio Lower Upper
83 100
55 78.1 59.7 89.5
98 46.8 36.5 54.7

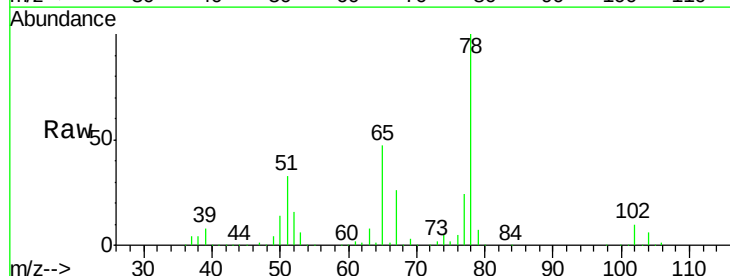


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

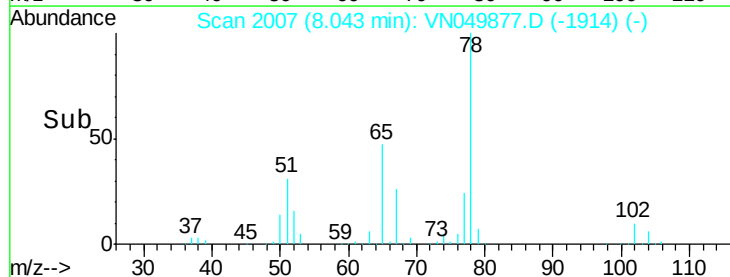
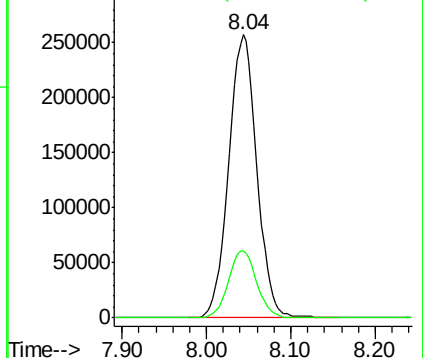


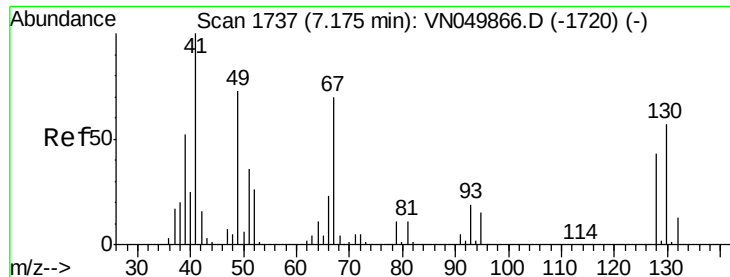
#40
Benzene
Concen: 19.83 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion: 78 Resp: 595336
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

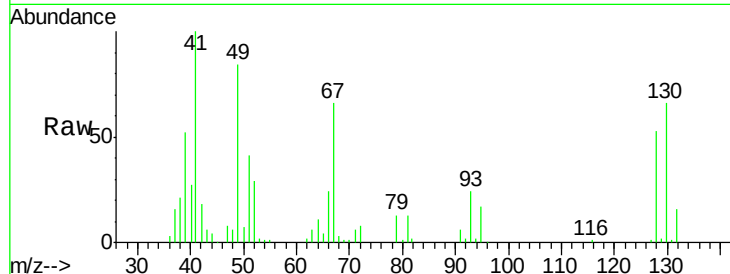




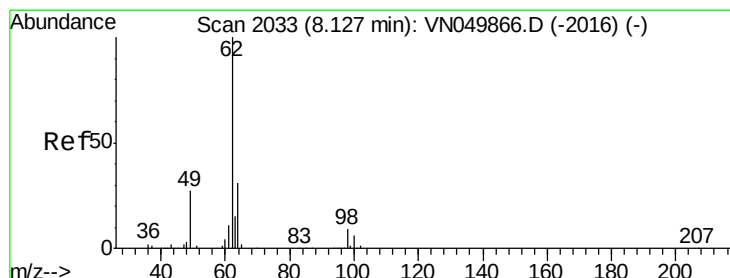
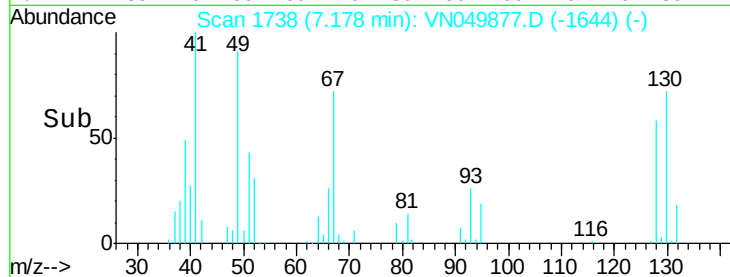
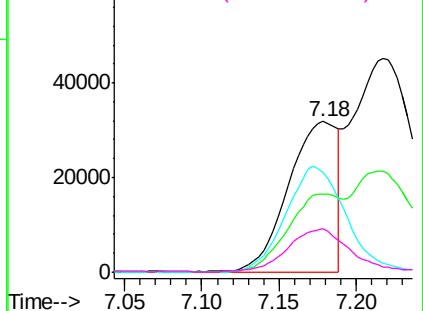
#41
Methacrylonitrile
Concen: 20.66 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 70065
Ion Ratio Lower Upper
41 100
39 56.4 45.4 68.2
67 86.6 65.4 98.0
52 37.8 24.7 37.1#

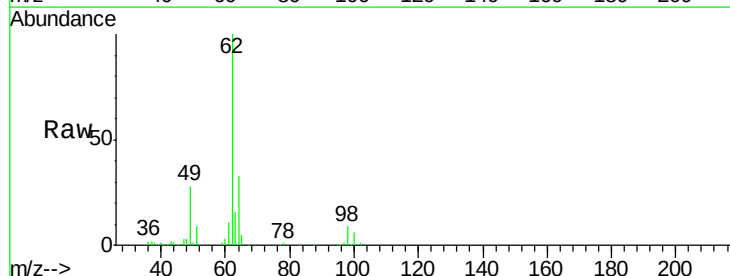


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

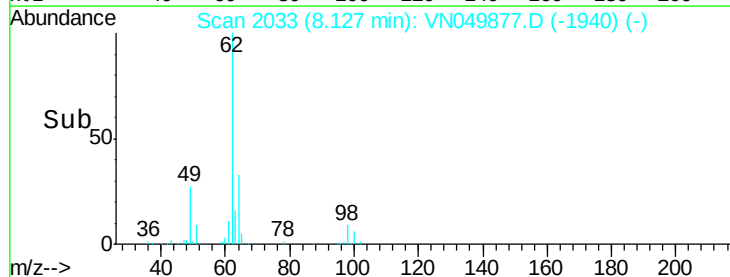
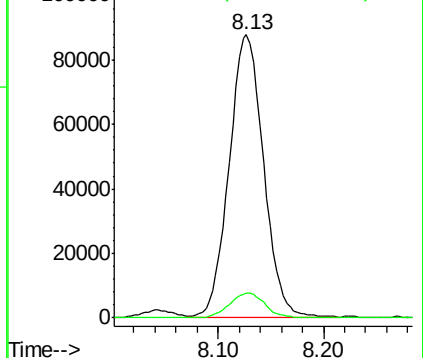


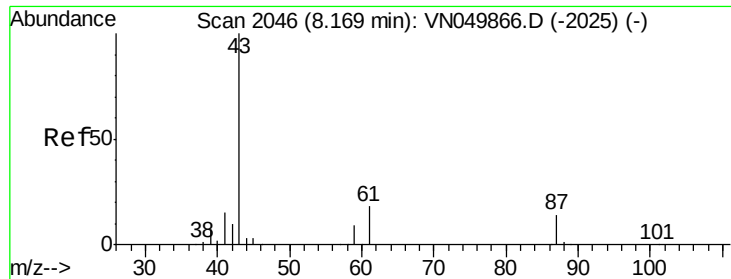
#42
1,2-Dichloroethane
Concen: 19.90 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion: 62 Resp: 197864
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 24.53 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

ClientSampled :

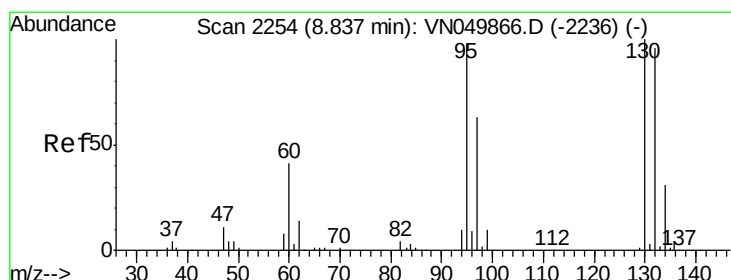
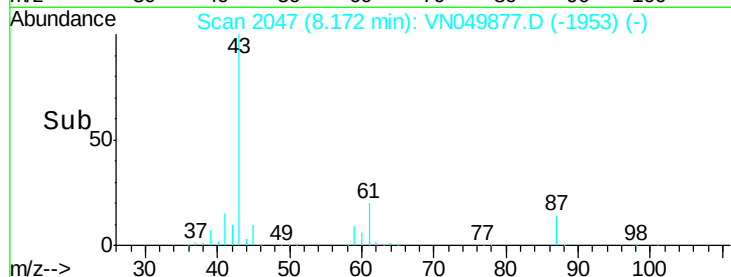
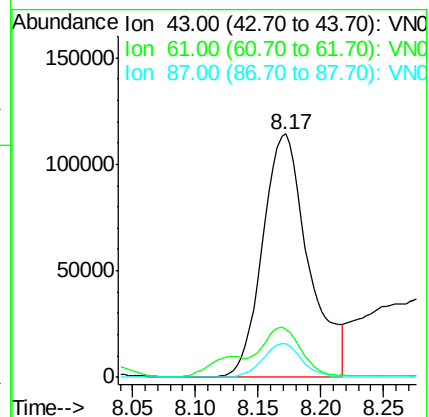
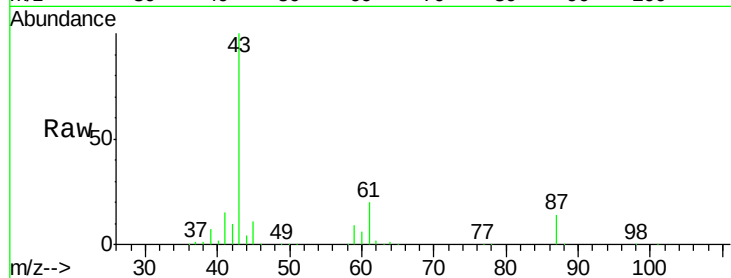
Tot Ion: 43 Resp: 289820

Ion Ratio Lower Upper

43 100

61 17.2 14.9 22.3

87 11.7 10.0 15.0



#44

Trichloroethene

Concen: 19.45 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049877.D

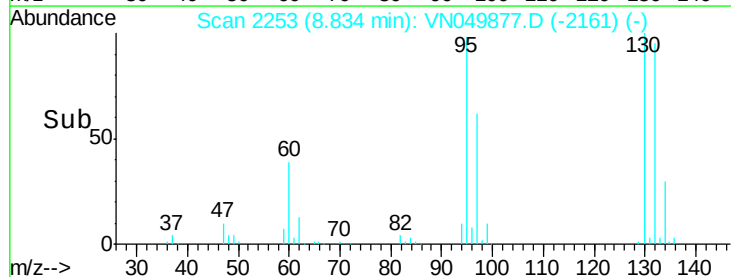
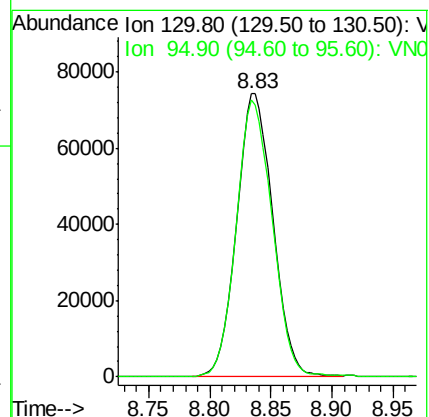
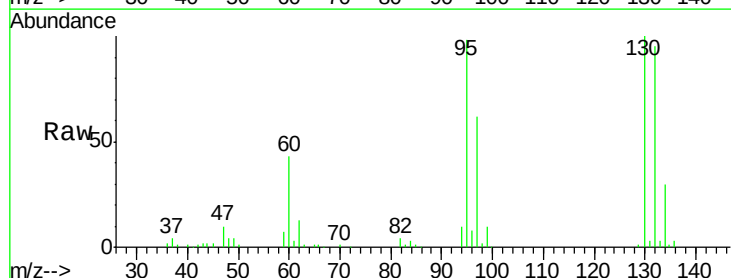
Acq: 18 Jul 2018 17:11

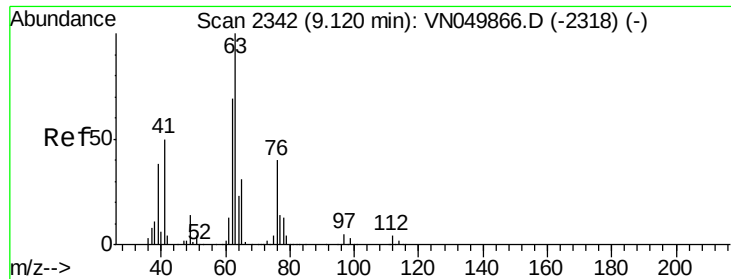
Tgt Ion:130 Resp: 153104

Ion Ratio Lower Upper

130 100

95 97.7 0.0 192.8

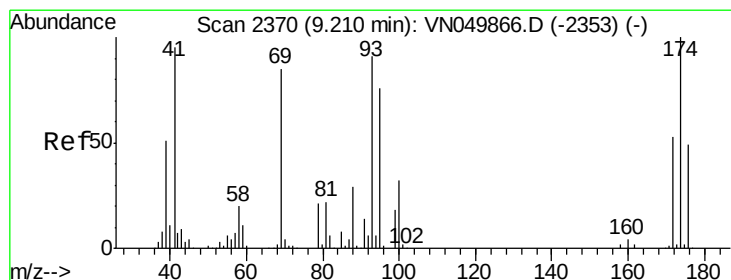
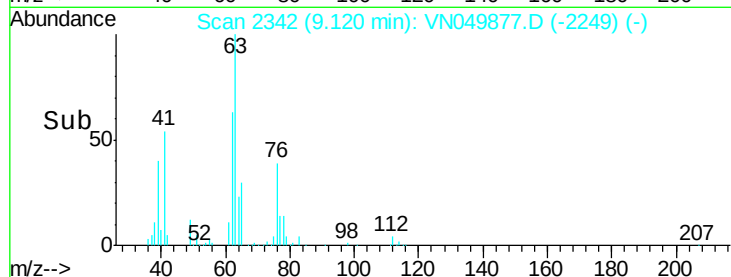
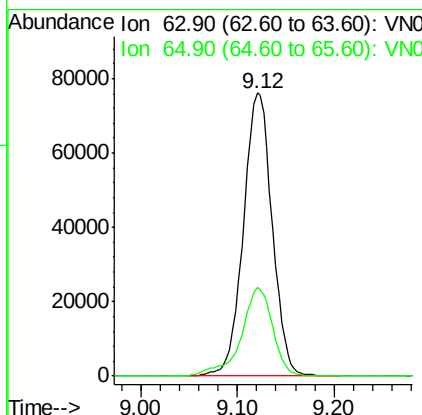
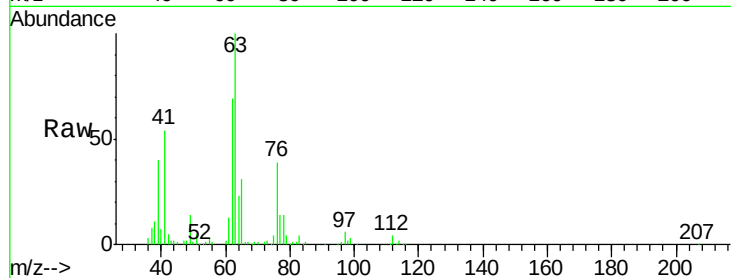




#45
 1,2-Dichloropropane
 Concen: 19.44 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

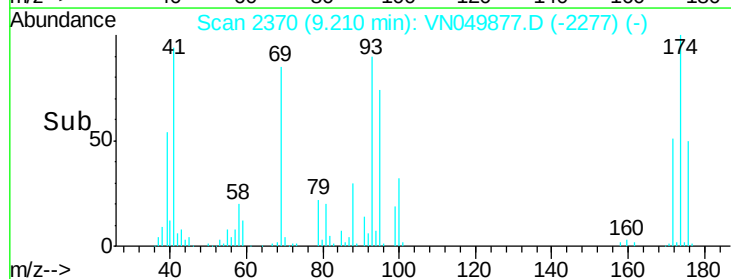
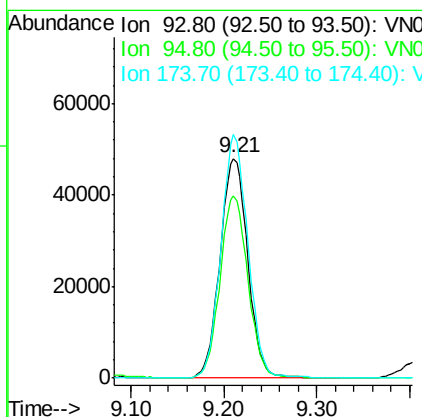
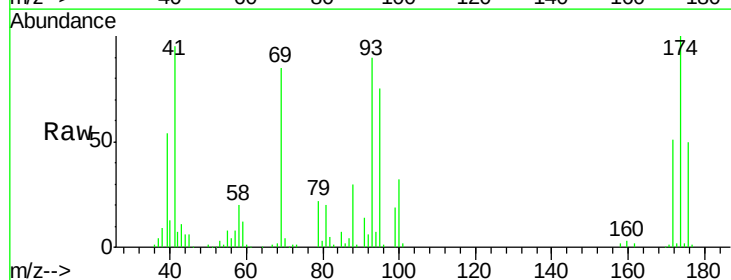
Instrument :
 MSVOA_N
 ClientSampleId :

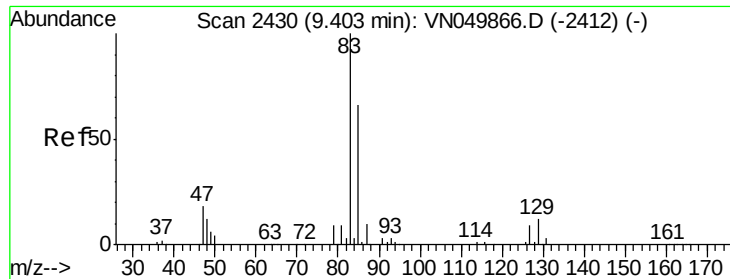
Tot Ion: 63 Resp: 157473
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 19.89 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion: 93 Resp: 99889
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.9 101.9
 174 107.4 89.4 134.0

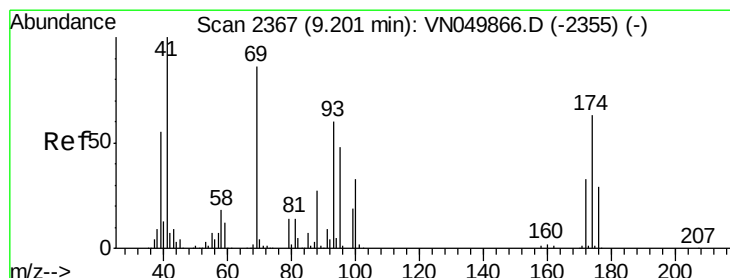
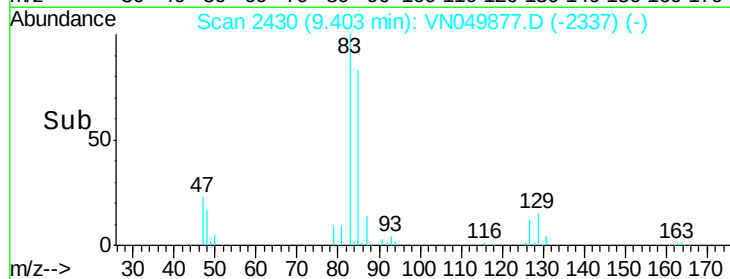
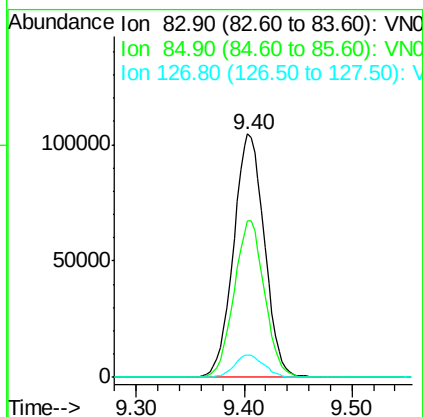
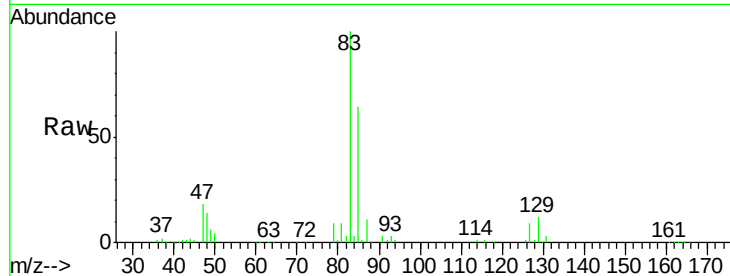




#47
Bromodichloromethane
Concen: 20.06 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

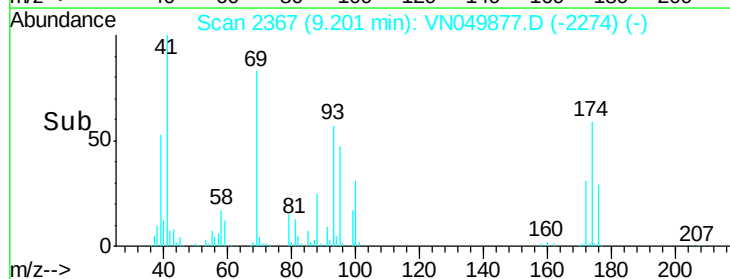
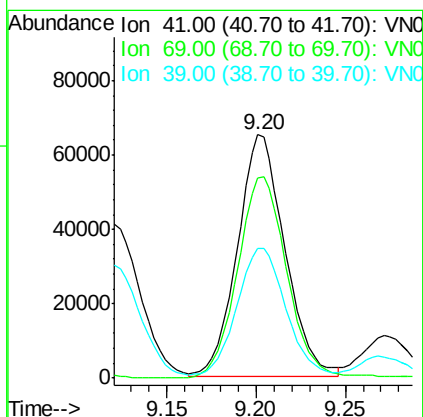
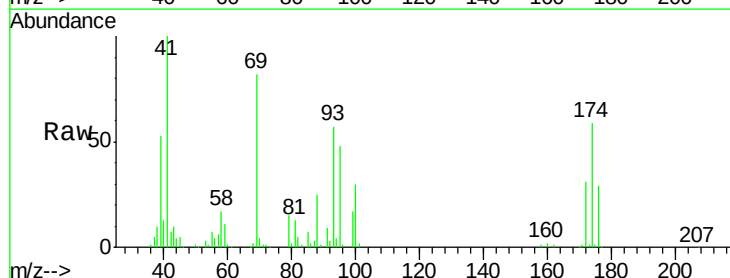
Instrument :
MSVOA_N
ClientSampled :

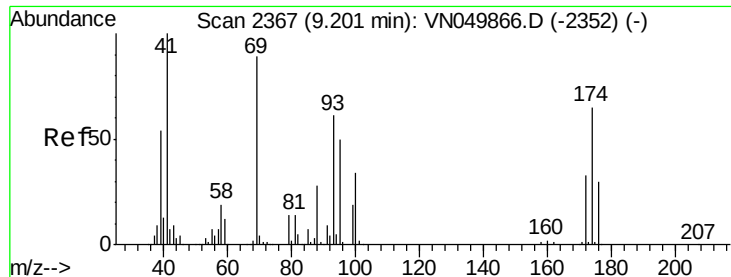
Tot Ion	83	Resp	208412
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.5	75.7
127	9.2	6.8	10.2



#48
Methyl methacrylate
Concen: 20.44 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion	41	Resp	121131
Ion Ratio	Lower	Upper	
41	100		
69	86.7	71.5	107.3
39	55.9	44.7	67.1





#49

1,4-Dioxane

Concen: 438.48 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :
MSVOA_N
ClientSampleId :

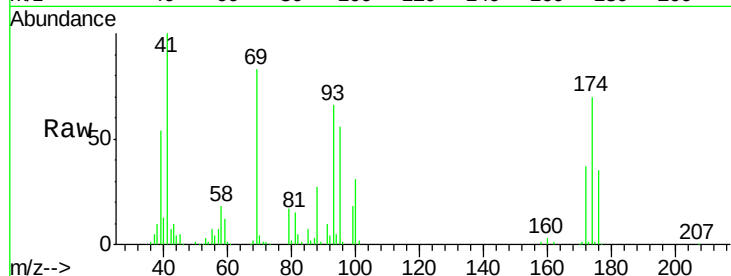
Tot Ion: 88 Resp: 36870

Ion Ratio Lower Upper

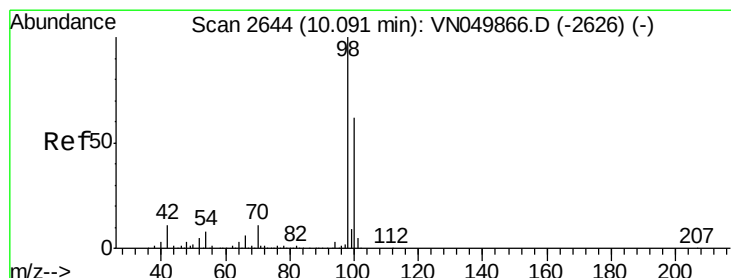
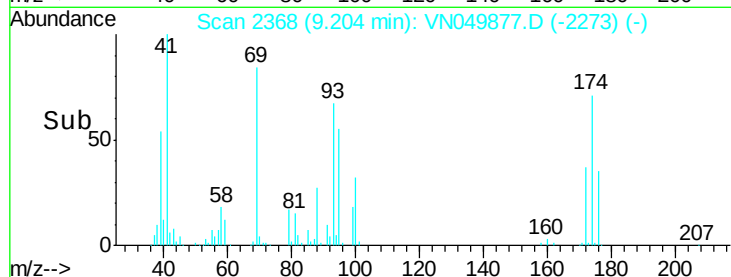
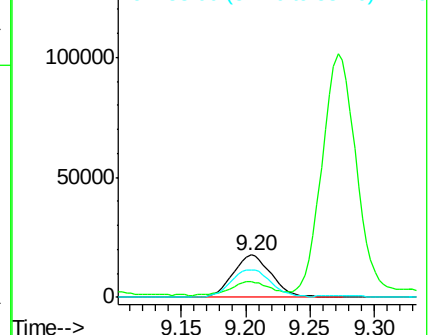
88 100

43 31.1 25.1 37.7

58 67.8 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: 50.97 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049877.D

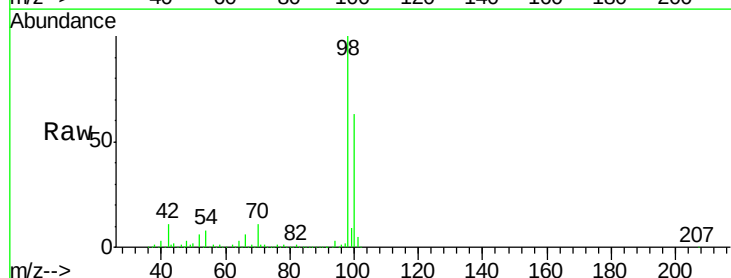
Acq: 18 Jul 2018 17:11

Tgt Ion: 98 Resp: 1381181

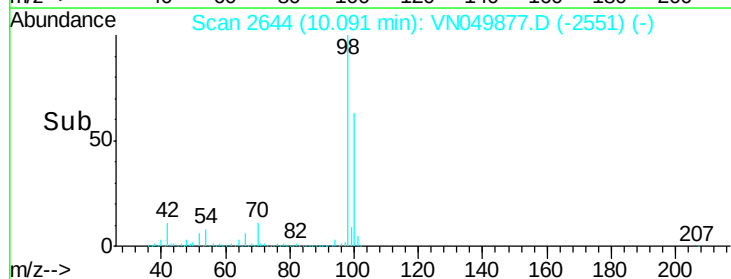
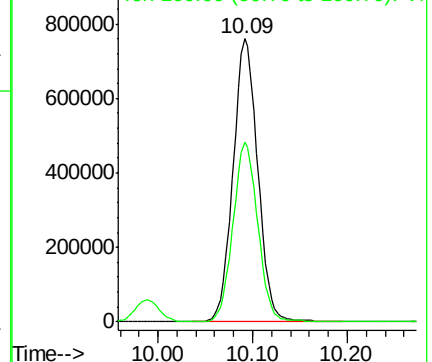
Ion Ratio Lower Upper

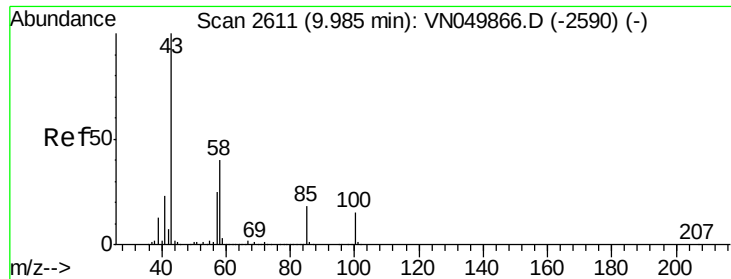
98 100

100 63.4 51.7 77.5



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

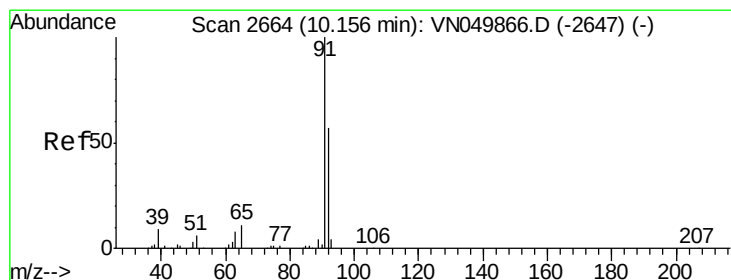
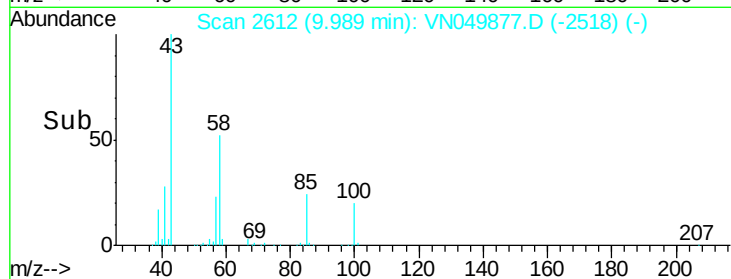
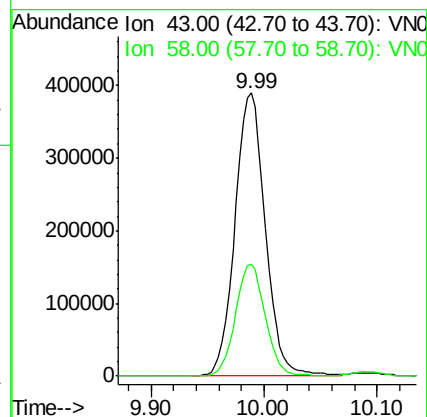
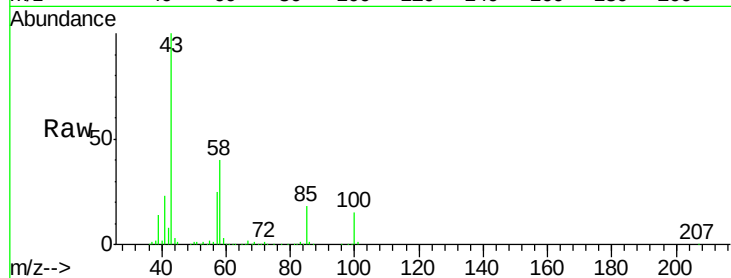




#51
4-Methyl-2-Pentanone
Concen: 109.50 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

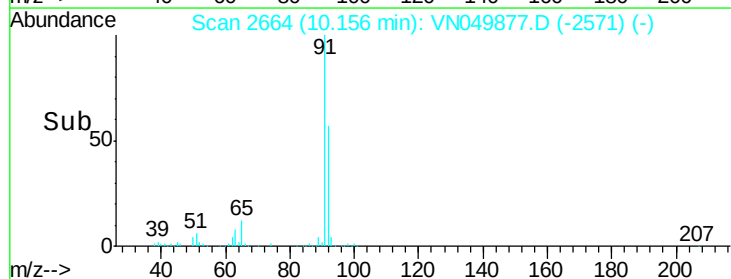
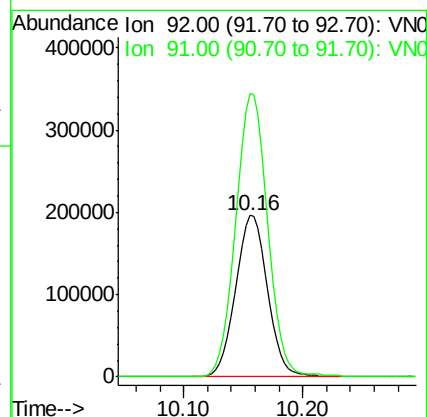
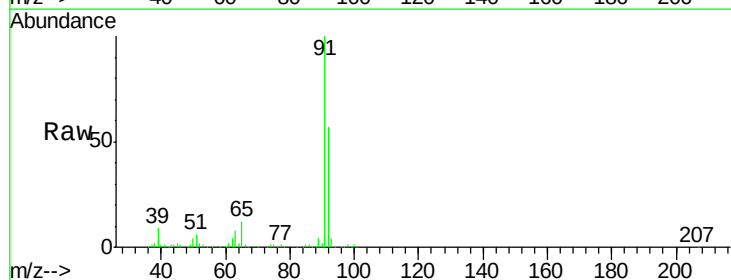
Instrument :
MSVOA_N
ClientSampled :

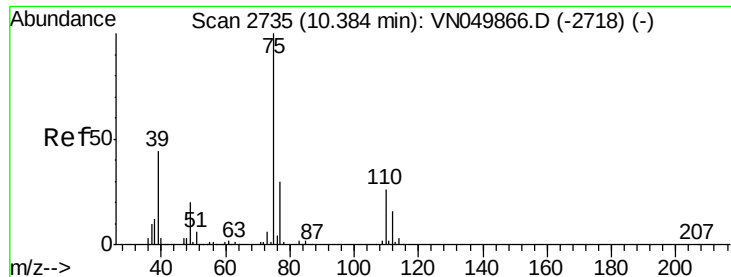
Tot Ion: 43 Resp: 723313
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.8



#52
Toluene
Concen: 20.43 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion: 92 Resp: 365843
Ion Ratio Lower Upper
92 100
91 175.7 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 19.79 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

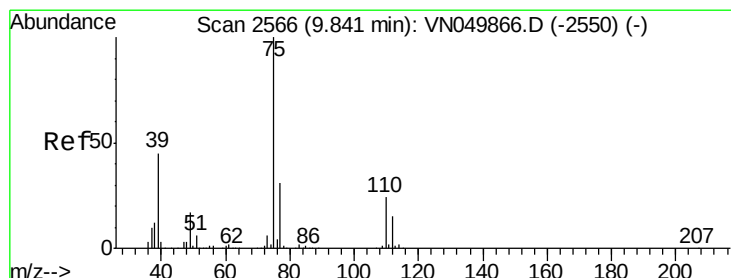
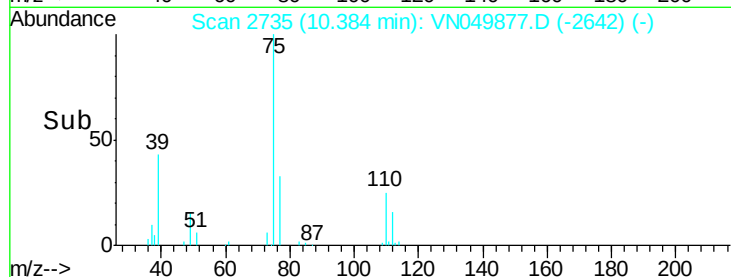
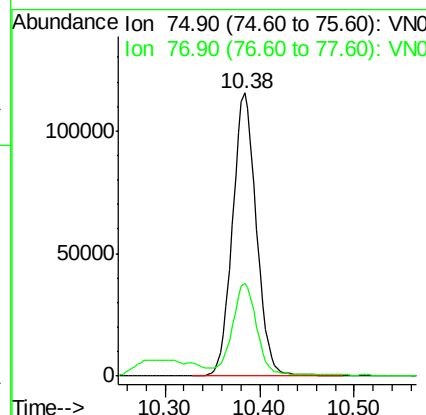
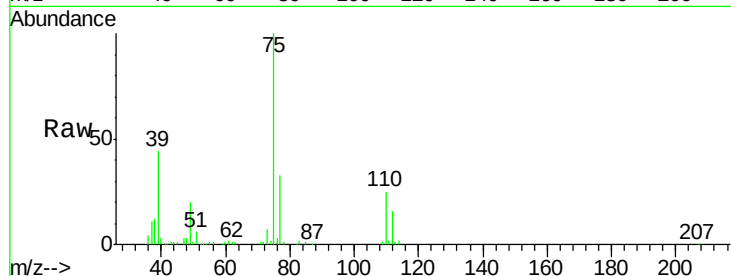
ClientSampled :

Tot Ion: 75 Resp: 203232

Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.17 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

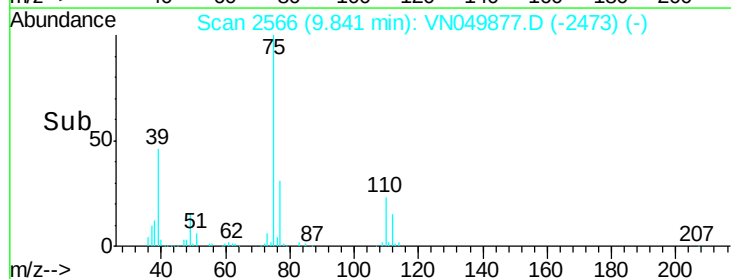
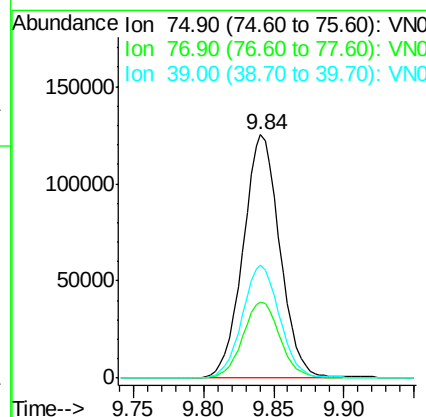
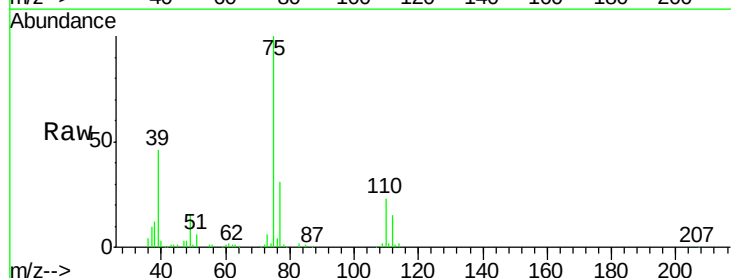
Tgt Ion: 75 Resp: 228984

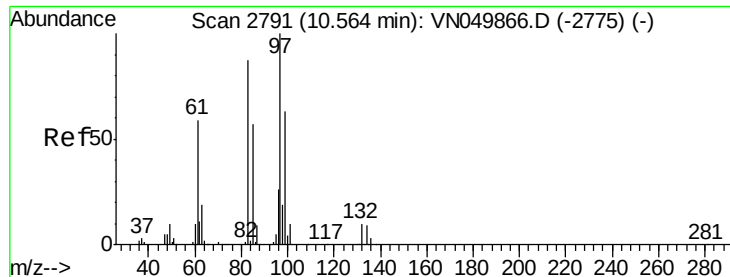
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

39 46.1 35.5 53.3

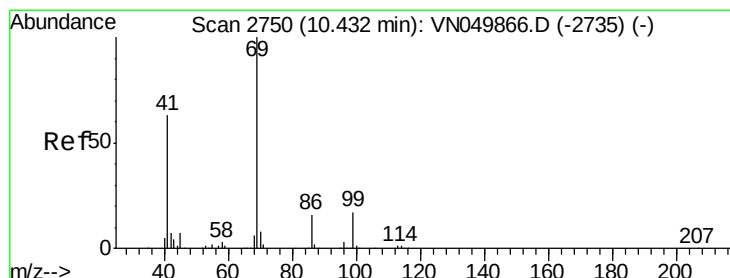
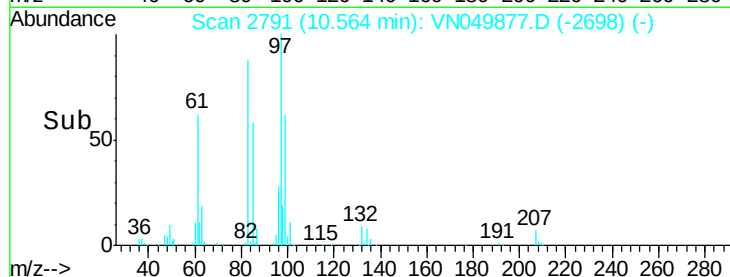
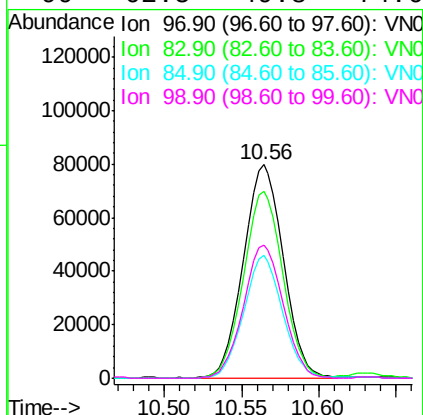
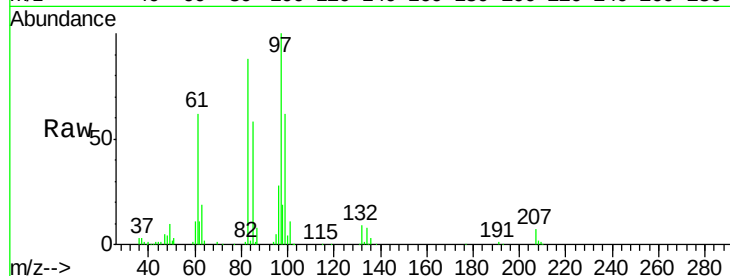




#55
 1,1,2-Trichloroethane
 Concen: 19.38 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

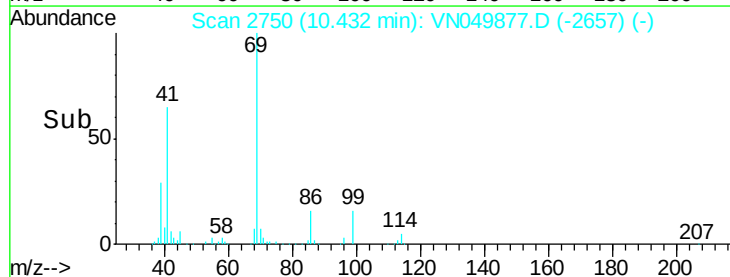
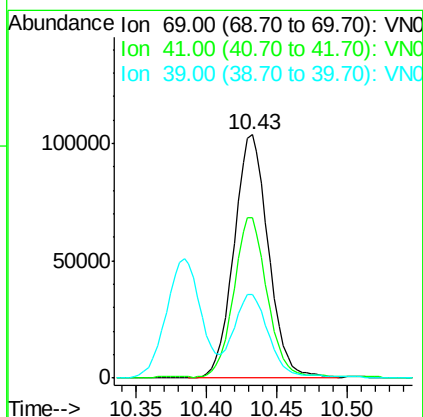
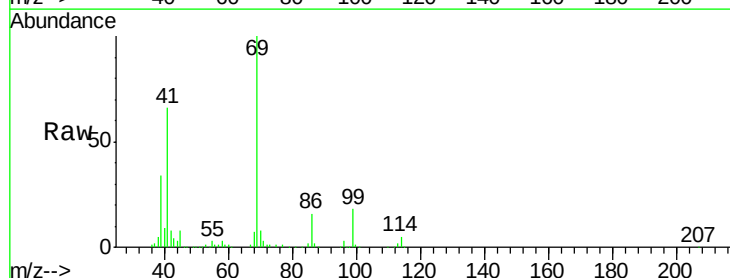
Instrument :
 MSVOA_N
 ClientSampled :

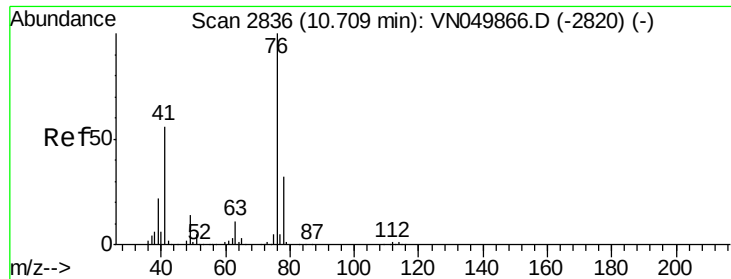
Tot Ion:	97	Resp:	143400
Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.0	103.6
85	57.7	44.9	67.3
99	62.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.28 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion:	69	Resp:	177790
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.6	77.4
39	34.8	25.8	38.8





#57

1,3-Dichloropropane

Concen: 20.18 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

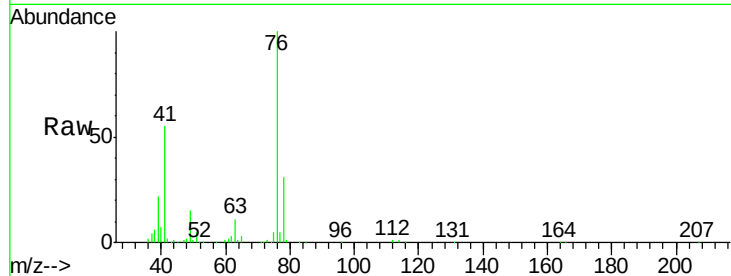
ClientSampleId :

Tot Ion: 76 Resp: 235146

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN049866.D (-2820) (-)

Ion 77.90 (77.60 to 78.60): VN049866.D (-2820) (-)

10.71

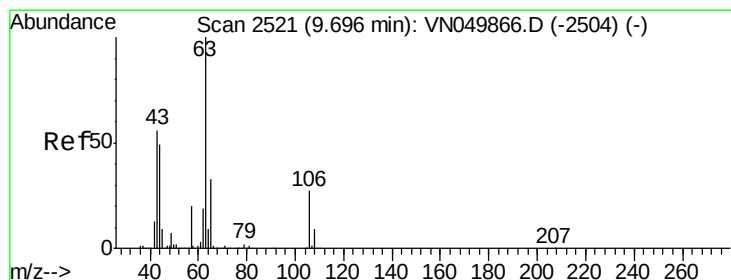
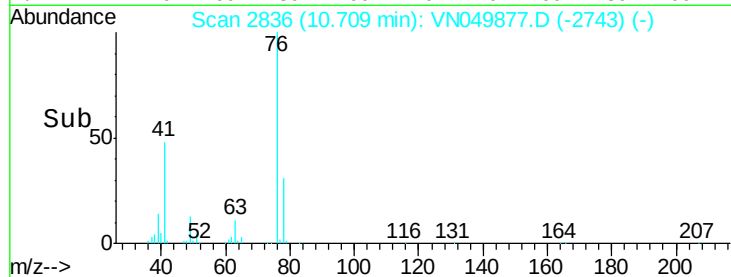
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 110.84 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049877.D

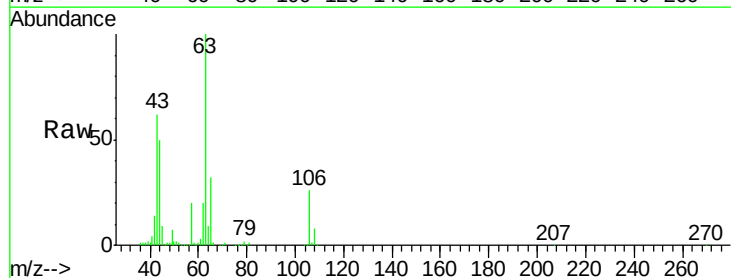
Acq: 18 Jul 2018 17:11

Tgt Ion: 63 Resp: 436812

Ion Ratio Lower Upper

63 100

106 26.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN049866.D (-2504) (-)

Ion 105.90 (105.60 to 106.60): VN049866.D (-2504) (-)

9.70

300000

250000

200000

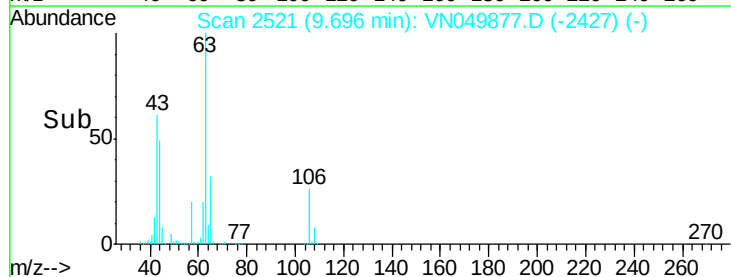
150000

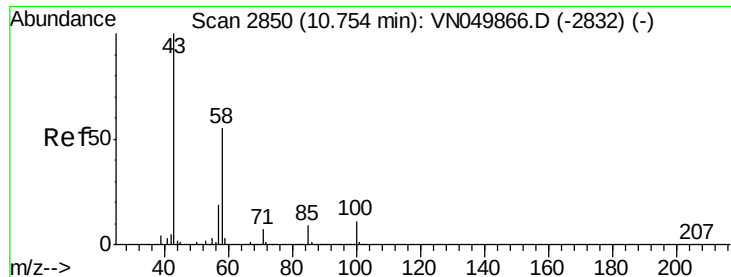
100000

50000

0

Time--> 9.60 9.70 9.80

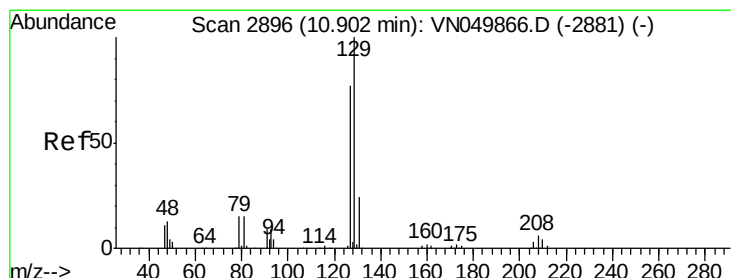
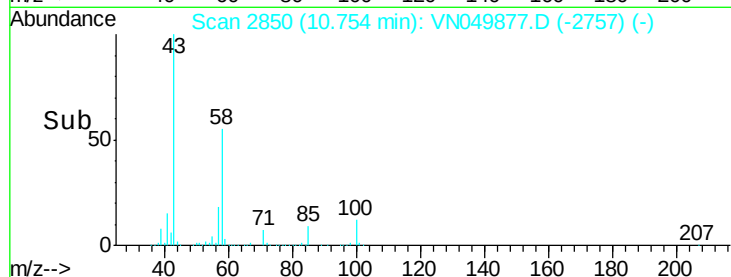
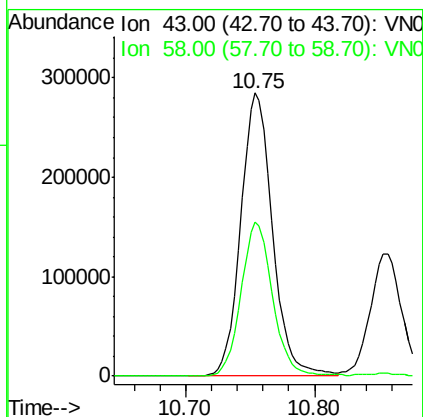
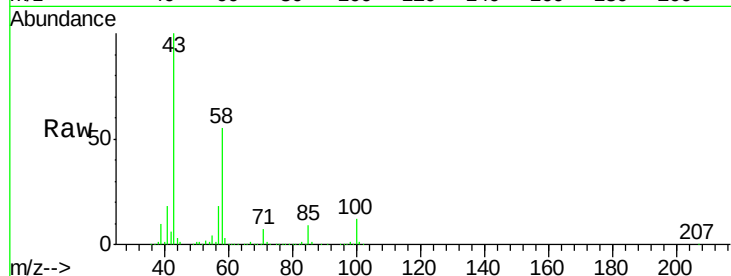




#59
2-Hexanone
Concen: 109.42 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

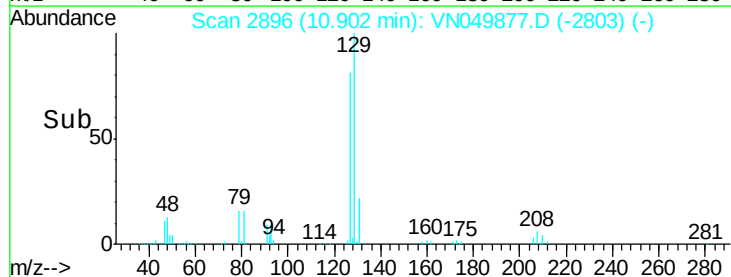
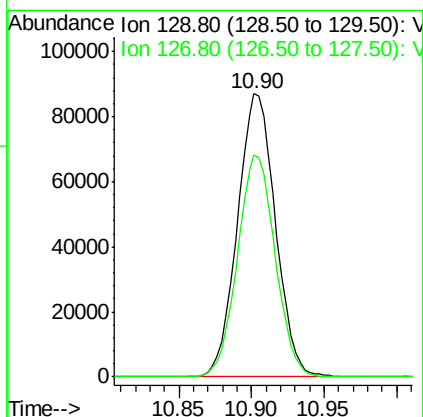
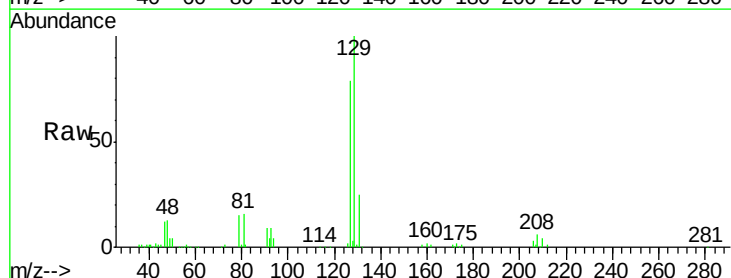
Instrument :
MSVOA_N
ClientSampleId :

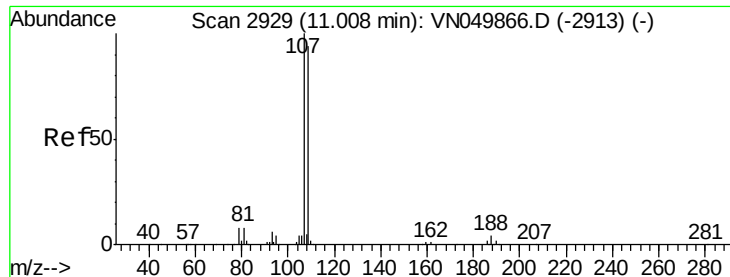
Tot Ion: 43 Resp: 485486
Ion Ratio Lower Upper
43 100
58 54.3 27.8 83.4



#60
Dibromochloromethane
Concen: 19.52 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion: 129 Resp: 158384
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.31 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

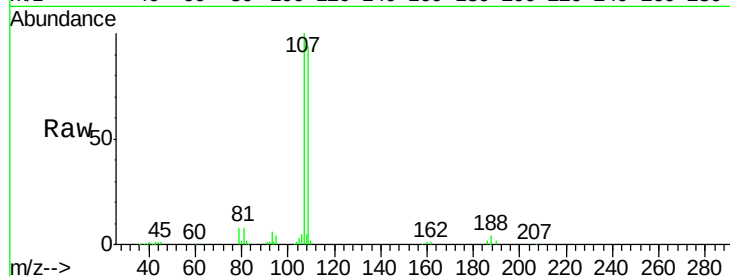
ClientSampleId :

Tot Ion:107 Resp: 140374

Ion Ratio Lower Upper

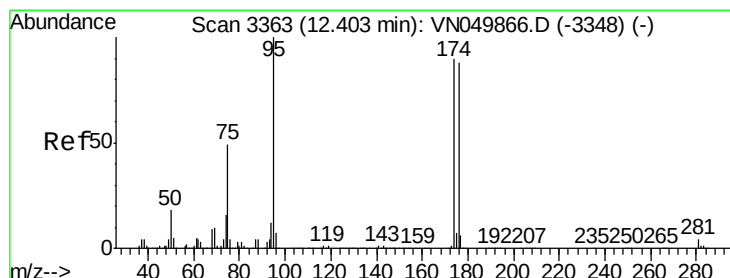
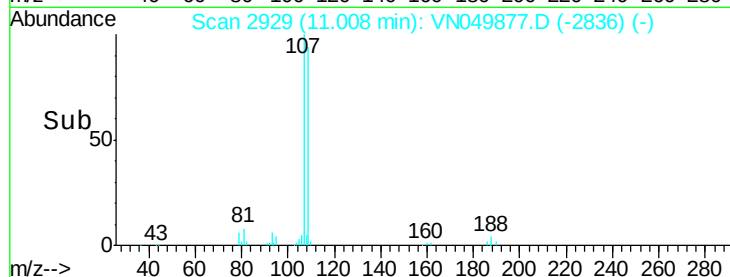
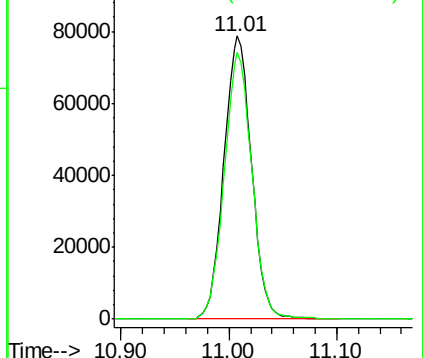
107 100

109 94.8 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: 49.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

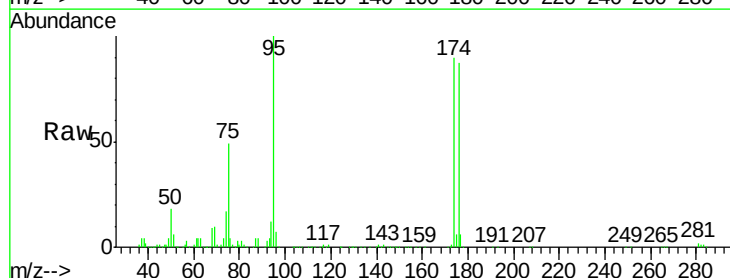
Tgt Ion: 95 Resp: 460857

Ion Ratio Lower Upper

95 100

174 90.6 0.0 179.6

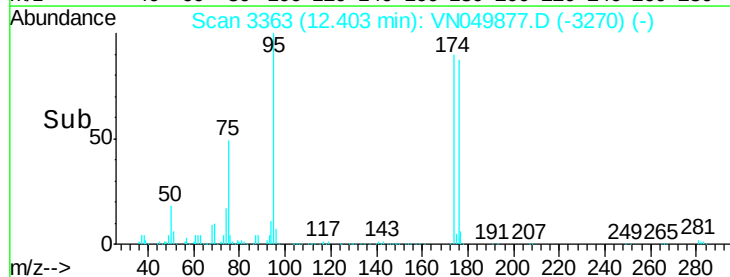
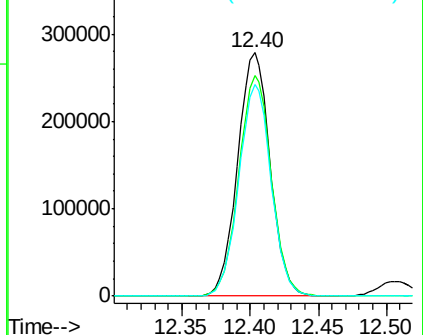
176 86.3 0.0 174.0

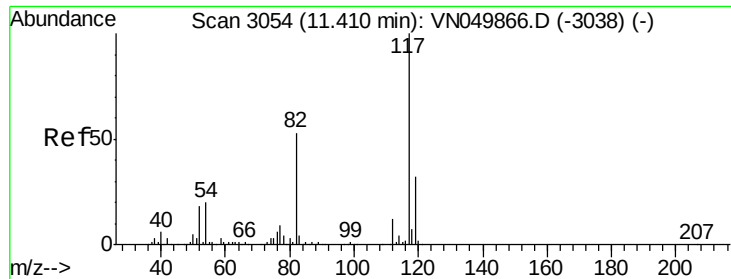


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

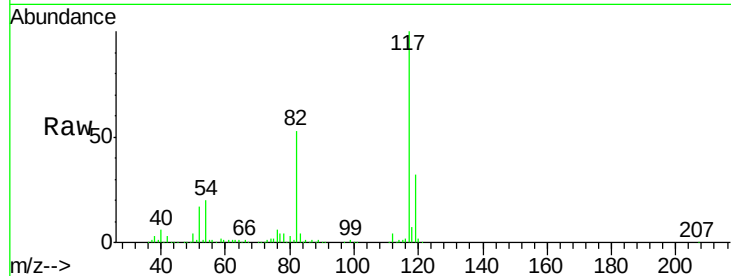




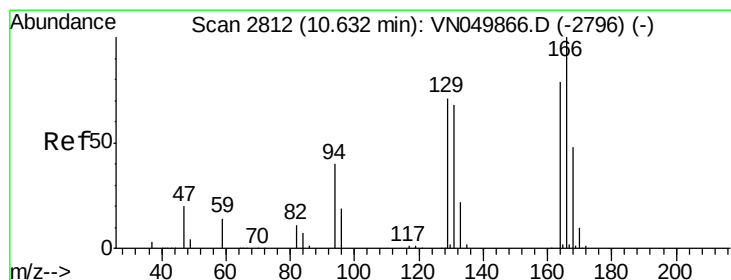
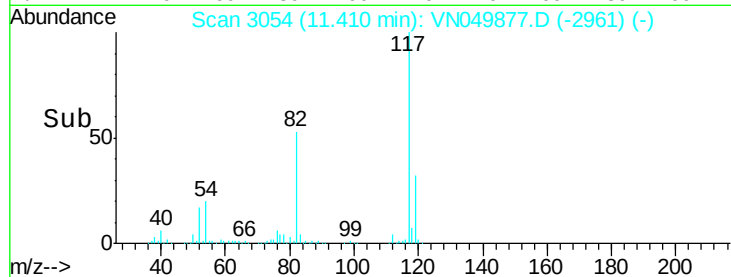
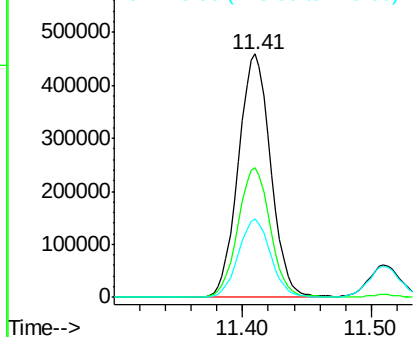
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 803024
Ion Ratio Lower Upper
117 100
82 53.4 41.9 62.9
119 32.1 25.4 38.2

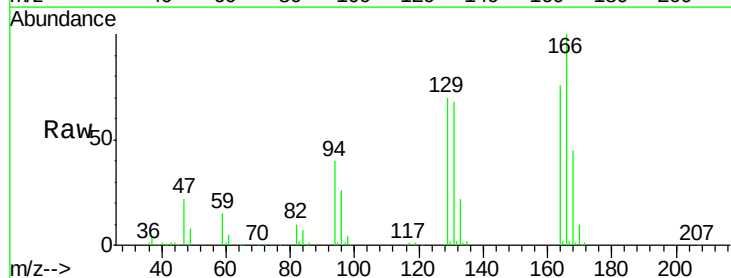


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

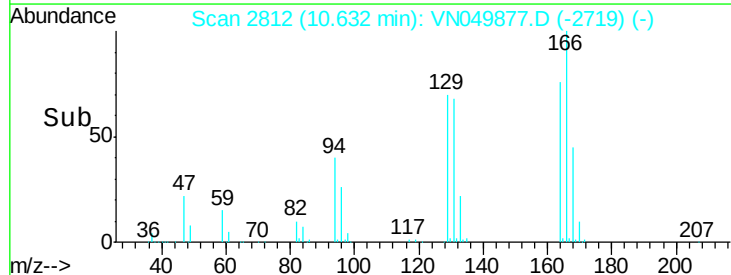
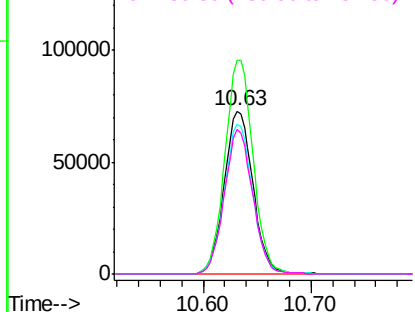


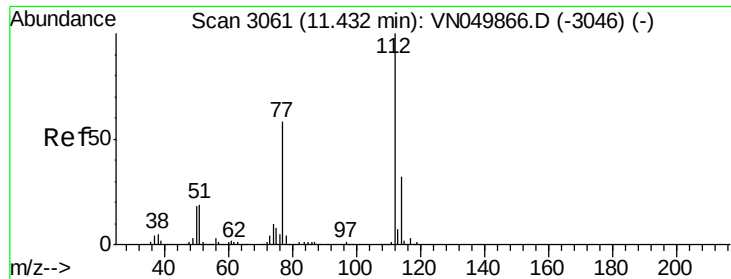
#64
Tetrachloroethene
Concen: 18.65 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion:164 Resp: 134590
Ion Ratio Lower Upper
164 100
166 131.0 101.8 152.6
129 91.8 72.8 109.2
131 88.4 70.0 105.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

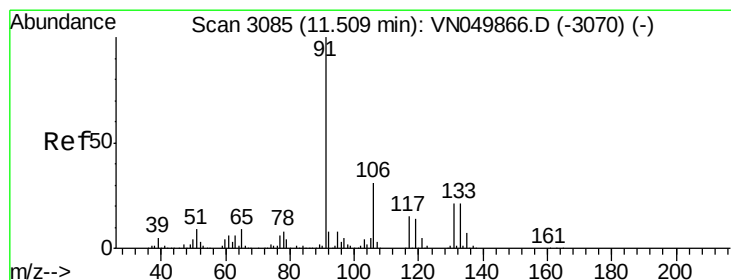
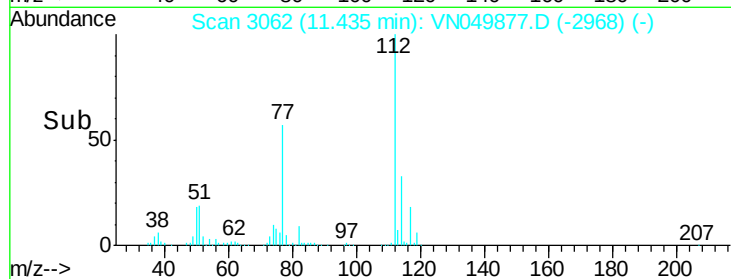
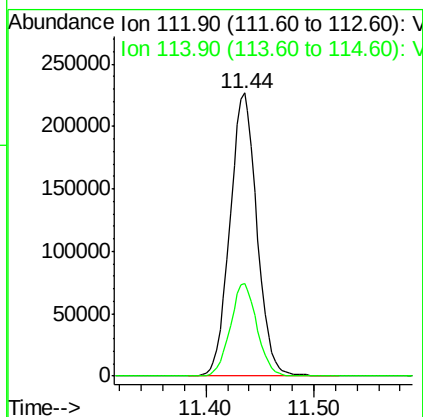
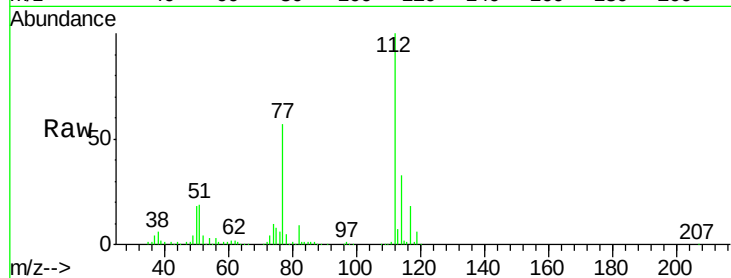




#65
Chlorobenzene
Concen: 19.60 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

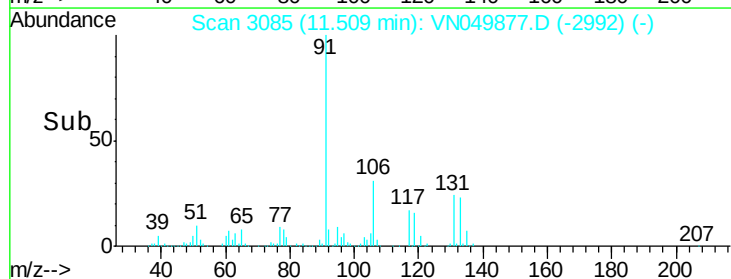
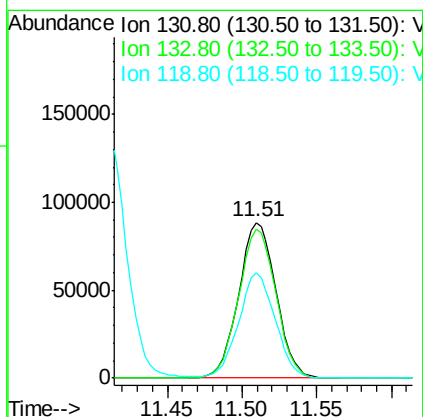
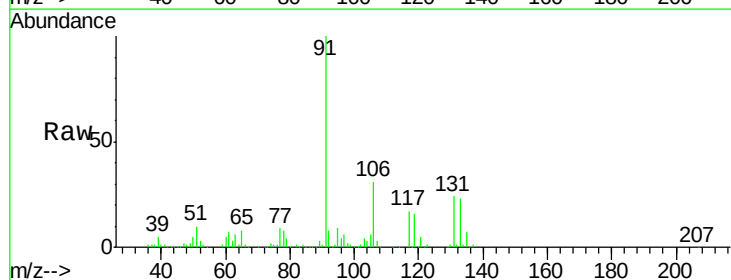
Instrument :
MSVOA_N
ClientSampled :

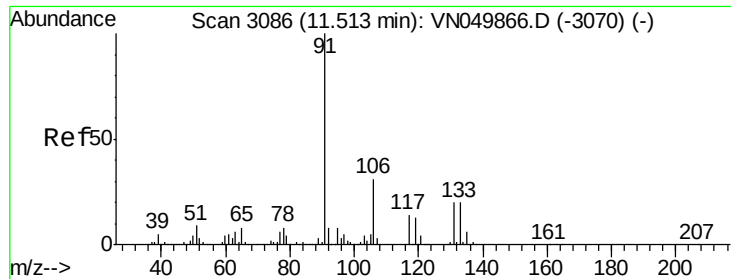
Tot Ion:112 Resp: 395464
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.63 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion:131 Resp: 153416
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 66.4 33.1 99.3





#67

Ethyl Benzene

Concen: 19.83 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

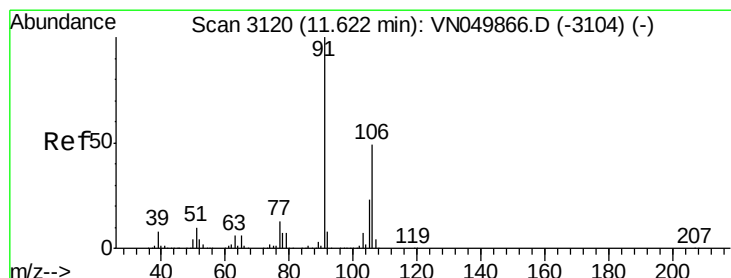
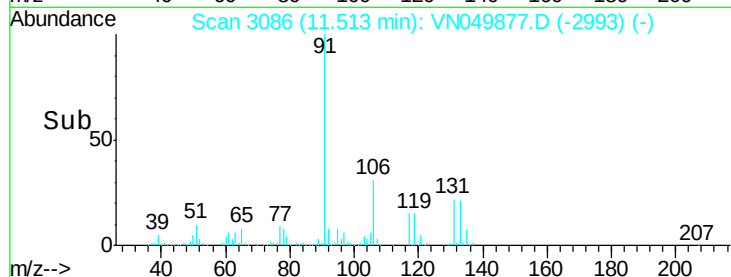
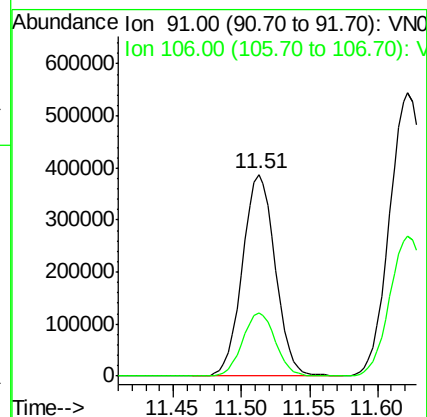
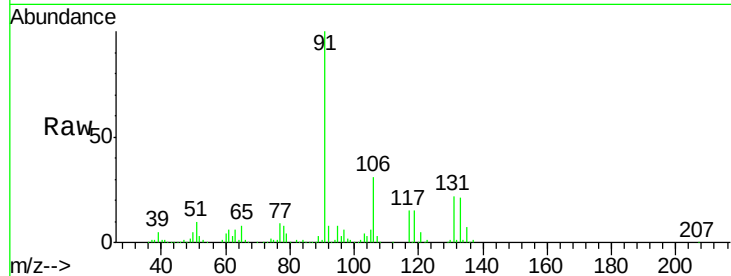
ClientSampled :

Tot Ion: 91 Resp: 649161

Ion Ratio Lower Upper

91 100

106 31.1 24.8 37.2



#68

m/p-Xylenes

Concen: 41.03 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049877.D

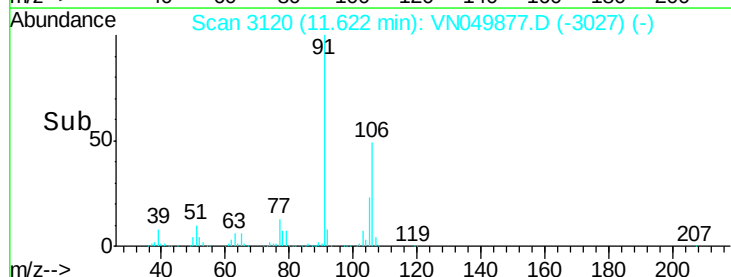
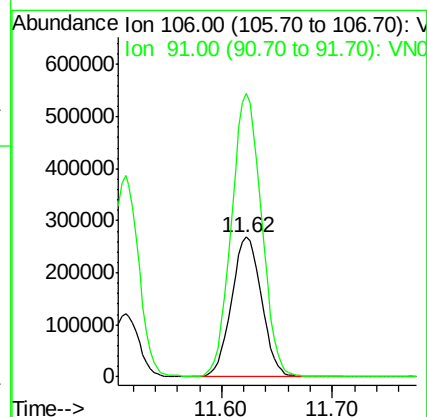
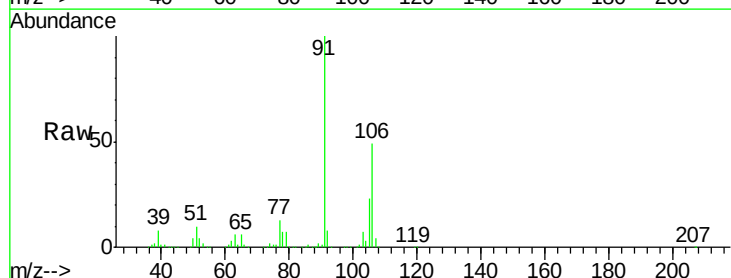
Acq: 18 Jul 2018 17:11

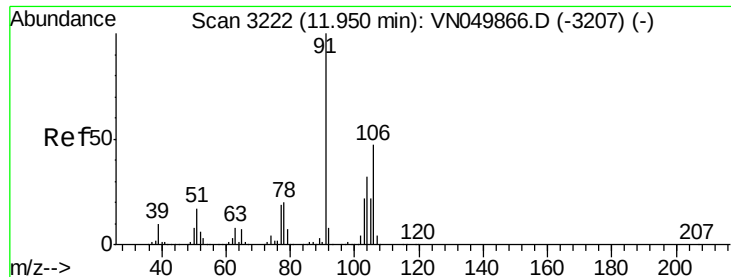
Tgt Ion: 106 Resp: 508415

Ion Ratio Lower Upper

106 100

91 202.6 163.4 245.2

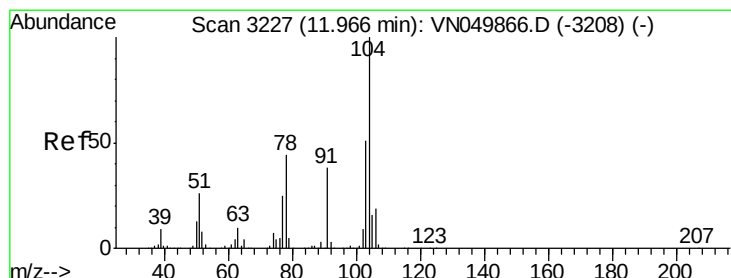
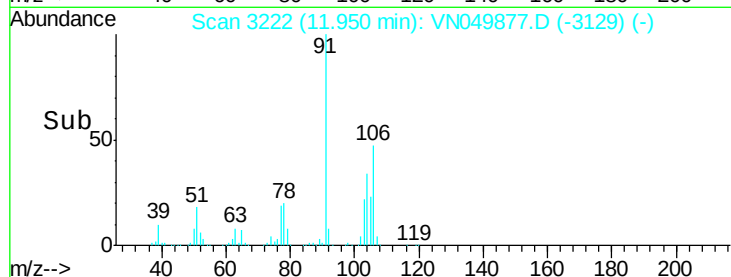
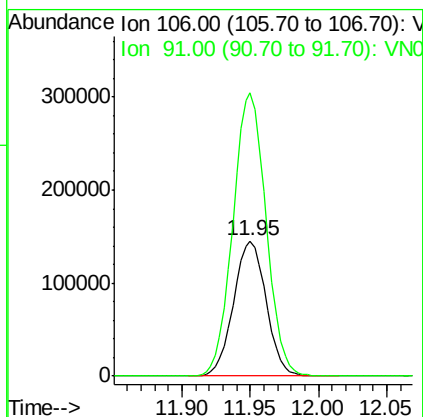
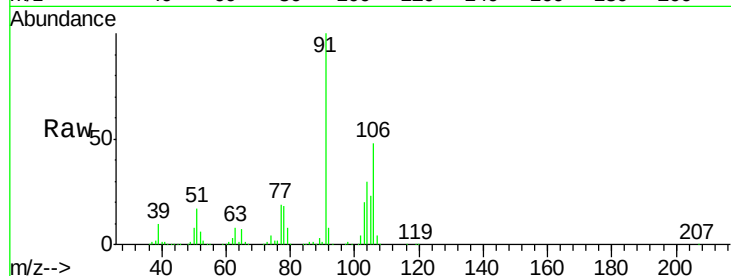




#69
o-Xylene
Concen: 20.28 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

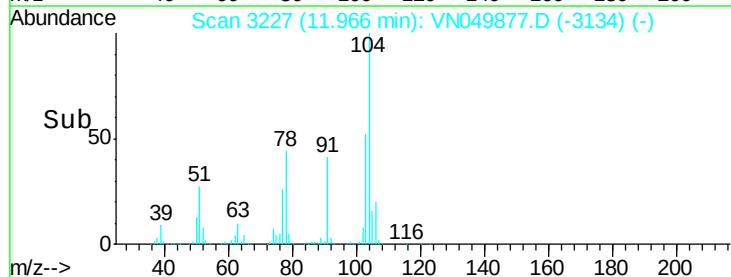
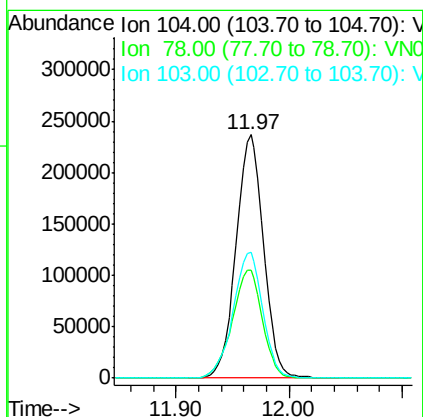
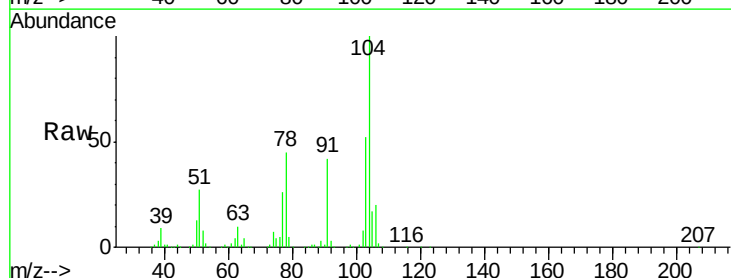
Instrument :
MSVOA_N
ClientSampled :

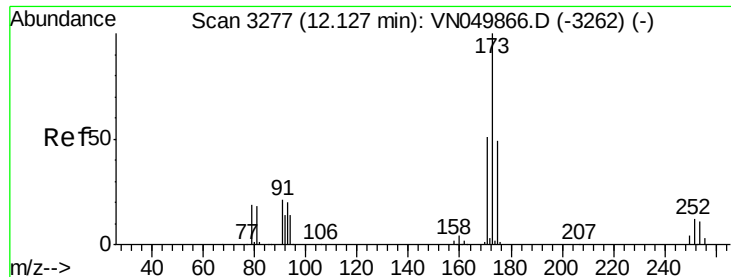
Tot Ion:106 Resp: 241284
Ion Ratio Lower Upper
106 100
91 212.5 108.7 326.1



#70
Styrene
Concen: 20.83 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion:104 Resp: 401581
Ion Ratio Lower Upper
104 100
78 48.8 39.2 58.8
103 55.8 44.6 67.0





#71

Bromoform

Concen: 20.27 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

ClientSampled :

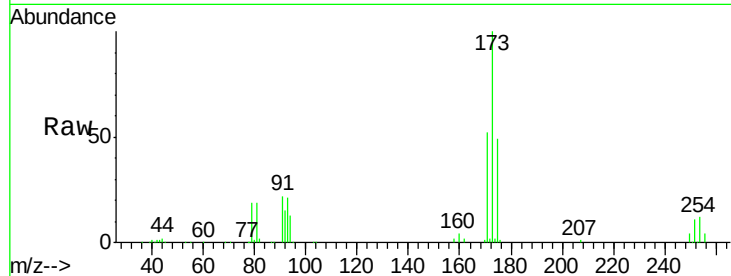
Tot Ion:173 Resp: 113295

Ion Ratio Lower Upper

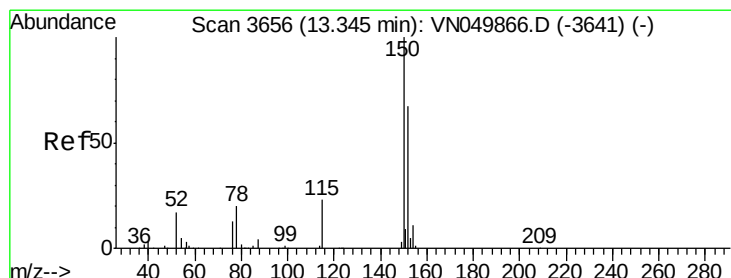
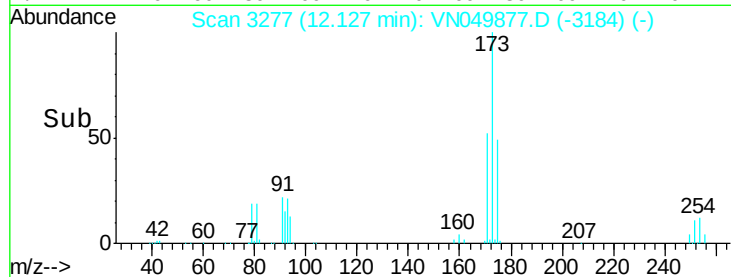
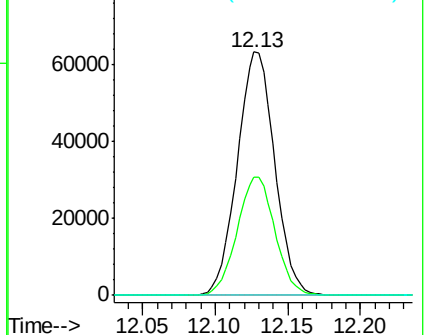
173 100

175 49.2 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: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

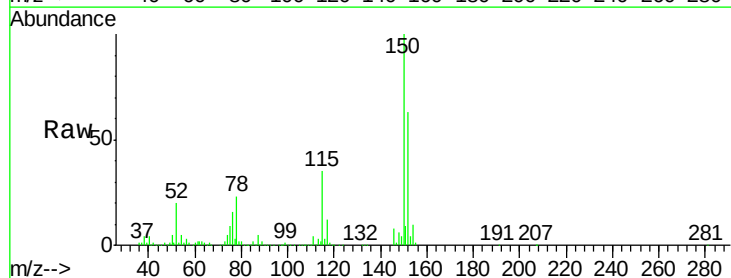
Tgt Ion:152 Resp: 412322

Ion Ratio Lower Upper

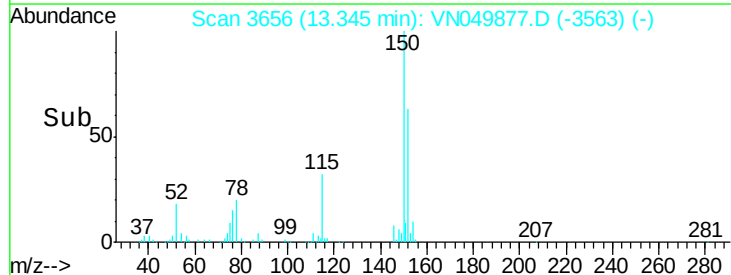
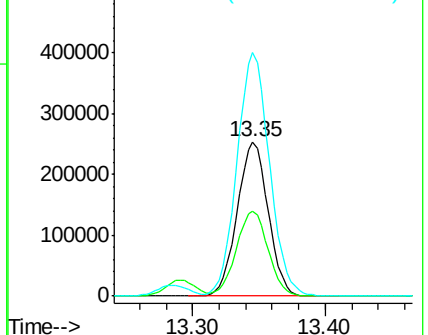
152 100

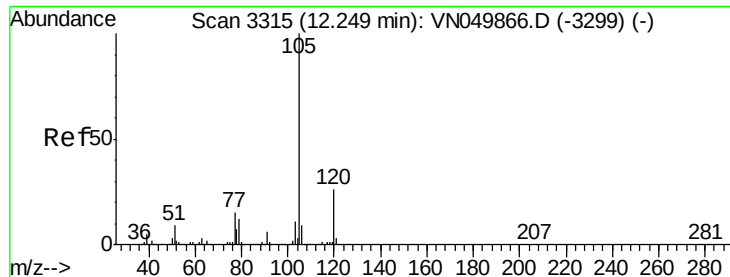
115 56.4 28.1 84.2

150 165.7 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: 20.66 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

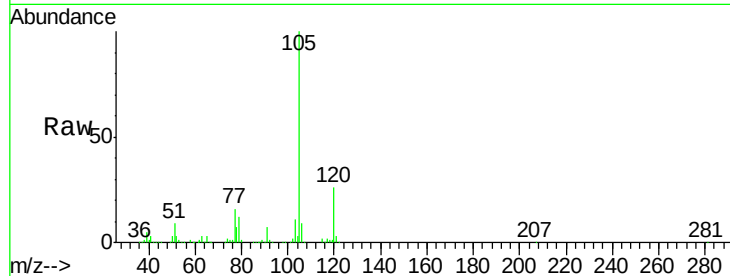
ClientSampled :

Tot Ion:105 Resp: 647019

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

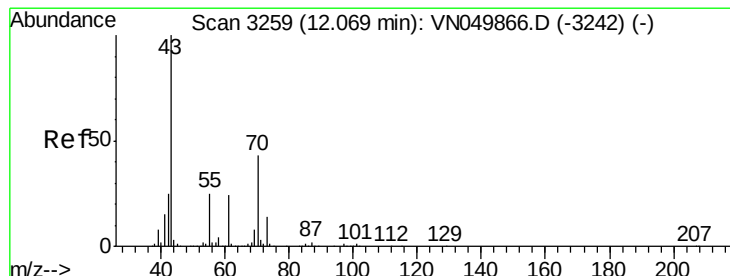
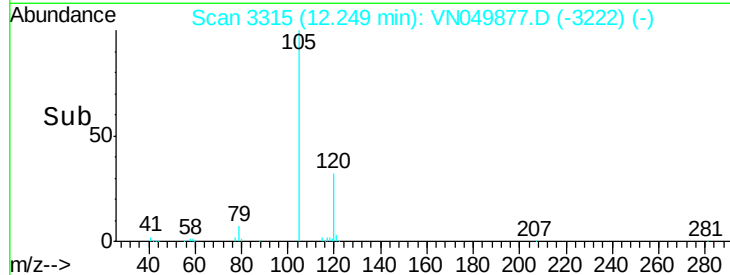
200000

100000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 21.33 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Tgt Ion: 43 Resp: 203385

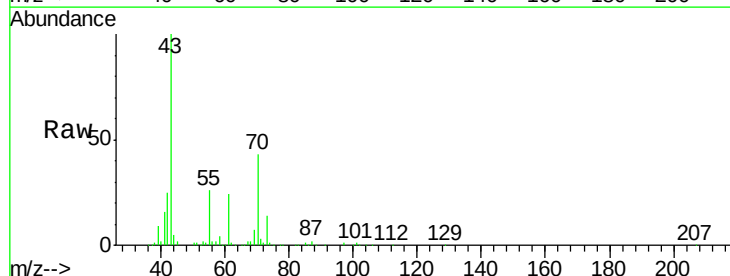
Ion Ratio Lower Upper

43 100

70 43.7 34.8 52.2

55 27.1 20.9 31.3

61 24.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

200000

150000

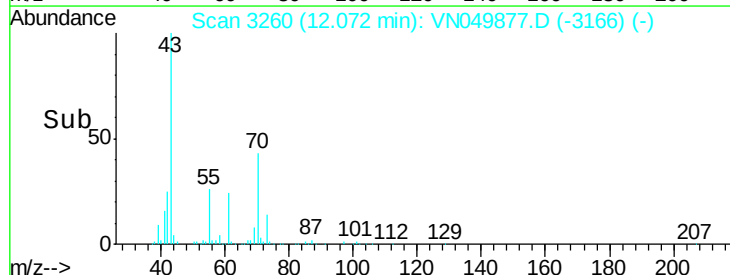
100000

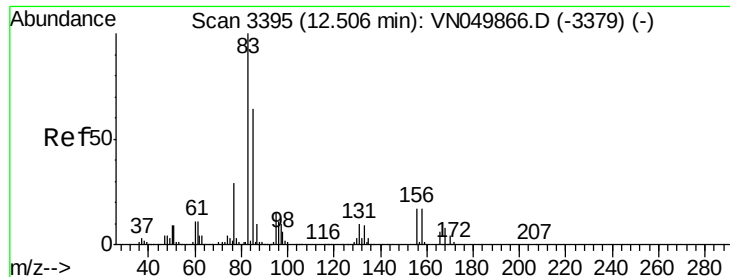
50000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.54 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

ClientSampleId :

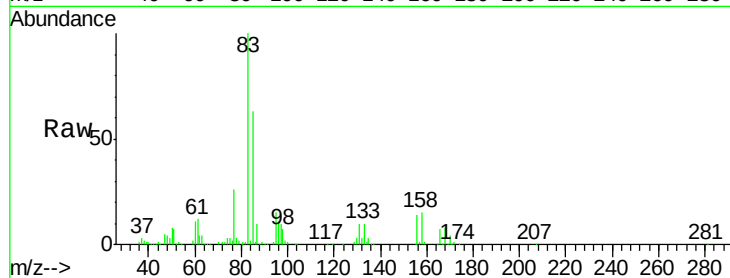
Tot Ion: 83 Resp: 192750

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

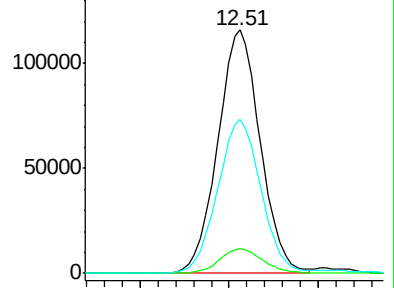
85 66.1 32.5 97.4



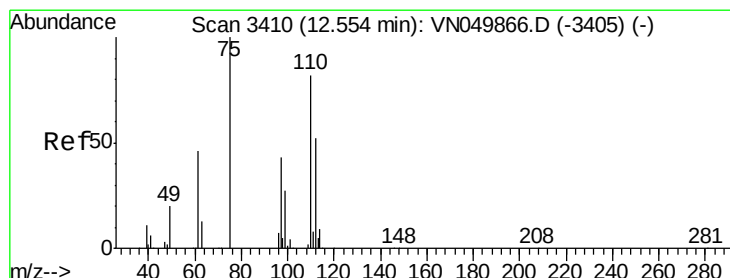
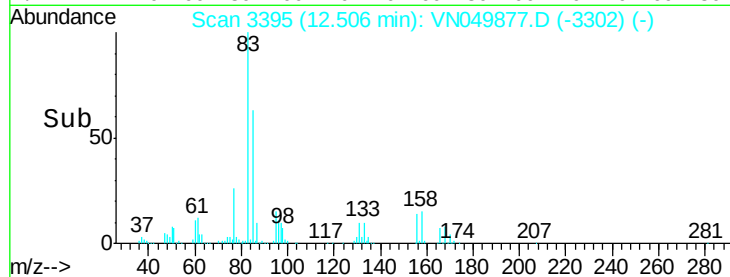
Abundance Ion 82.90 (82.60 to 83.60): VN049877.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049877.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049877.D (-3302) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 29.48 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049877.D

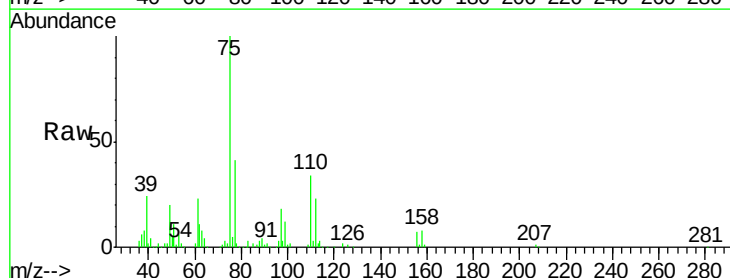
Acq: 18 Jul 2018 17:11

Tgt Ion: 75 Resp: 228000

Ion Ratio Lower Upper

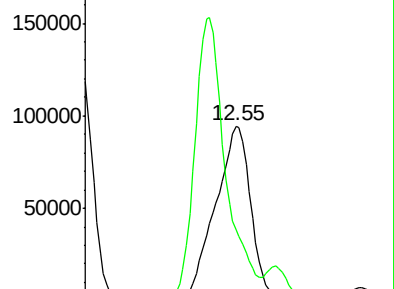
75 100

77 0.0 0.0 0.0

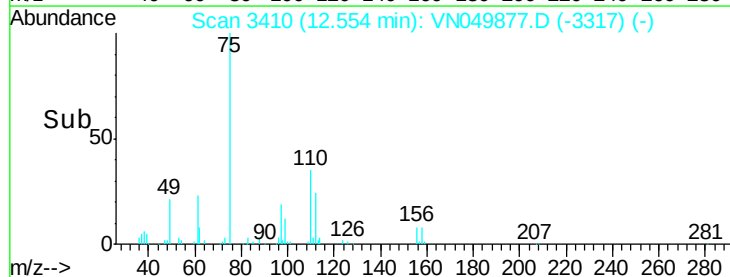


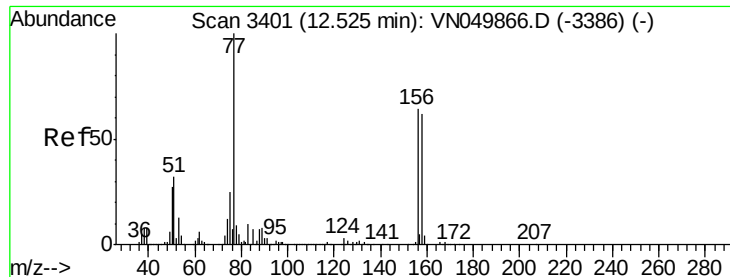
Abundance Ion 74.90 (74.60 to 75.60): VN049877.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049877.D (-3317) (-)



Time-->





#77

Bromobenzene

Concen: 20.05 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

ClientSampled :

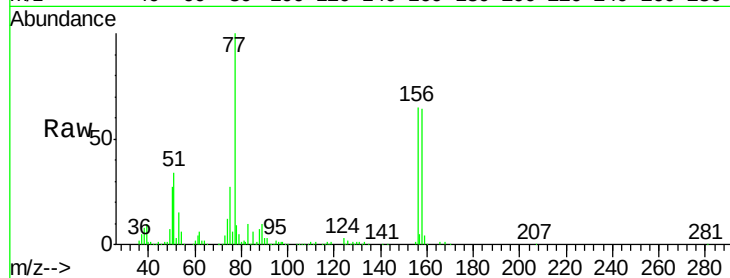
Tot Ion:156 Resp: 173383

Ion Ratio Lower Upper

156 100

77 185.6 90.2 270.6

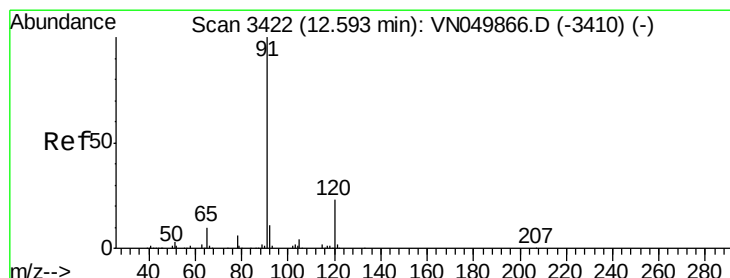
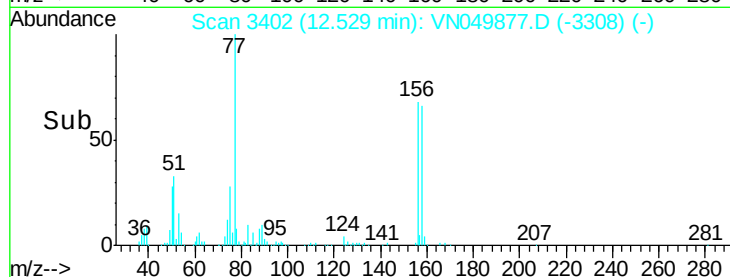
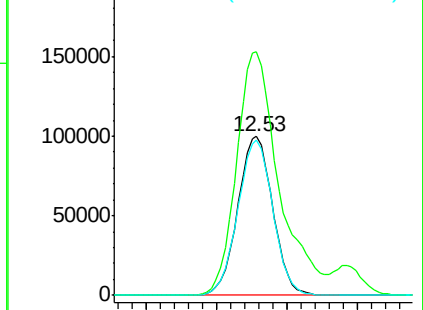
158 97.6 49.1 147.3



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: 20.72 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049877.D

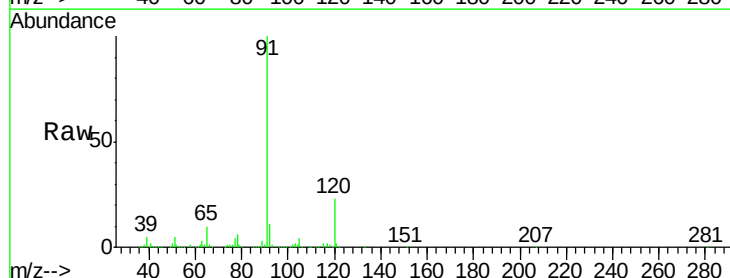
Acq: 18 Jul 2018 17:11

Tgt Ion: 91 Resp: 737905

Ion Ratio Lower Upper

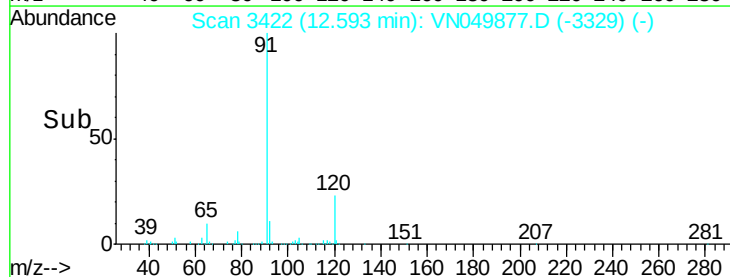
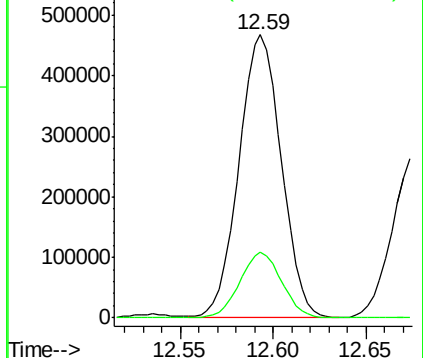
91 100

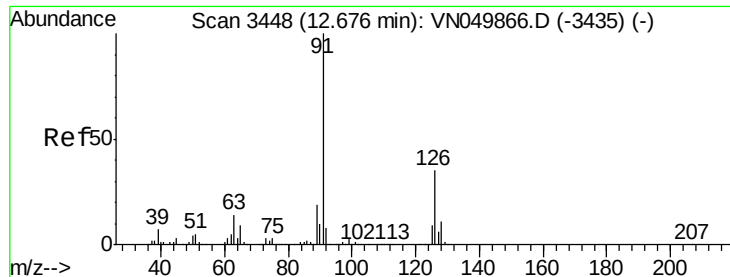
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.67 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

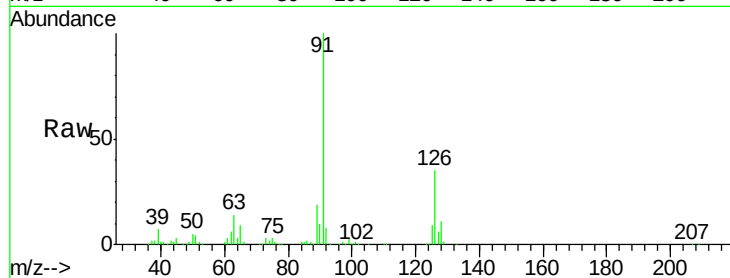
ClientSampleId :

Tot Ion: 91 Resp: 451842

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049866.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049866.D (-3435) (-)

500000

400000

300000

200000

100000

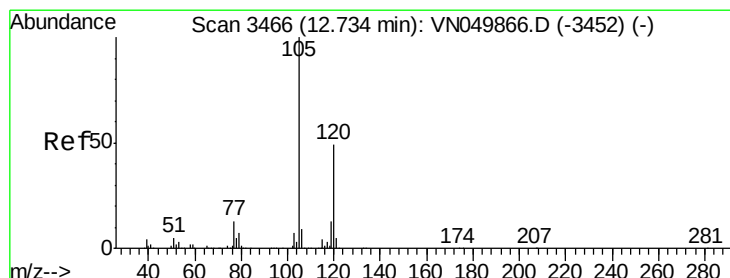
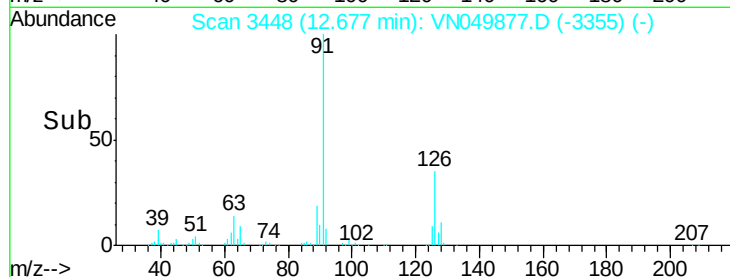
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.05 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049877.D

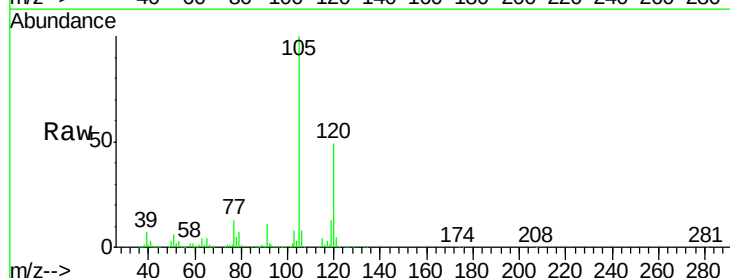
Acq: 18 Jul 2018 17:11

Tgt Ion: 105 Resp: 528433

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049866.D (-3452) (-)

Ion 120.00 (119.70 to 120.70): VN049866.D (-3452) (-)

400000

300000

200000

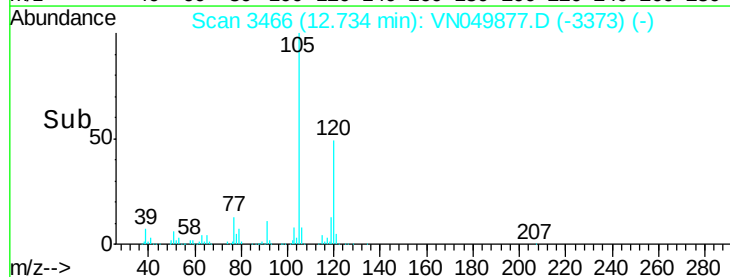
100000

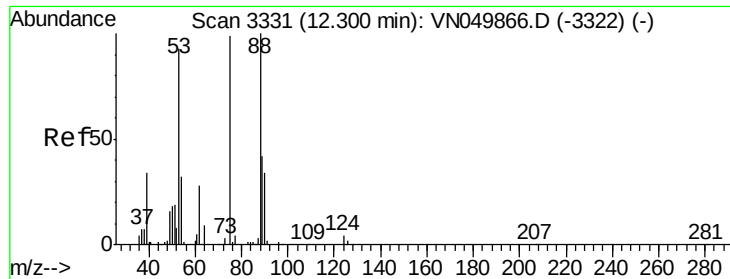
0

12.70

12.80

Time-->

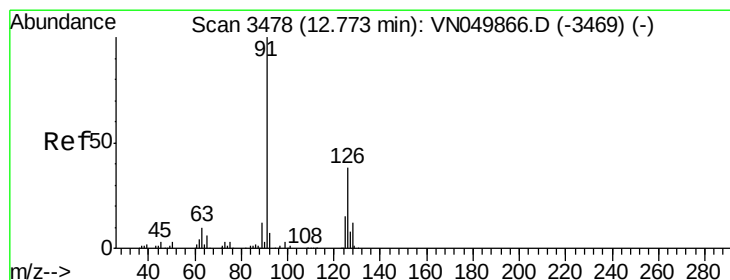
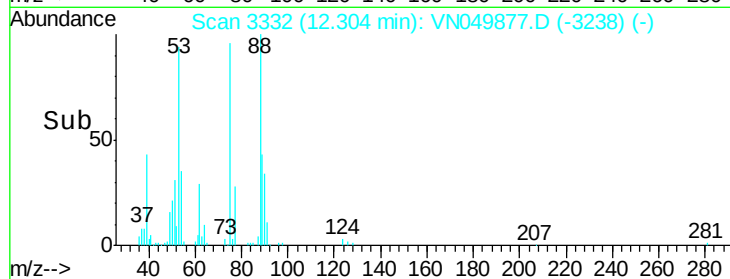
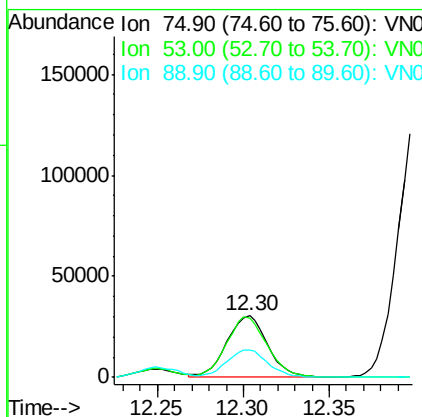
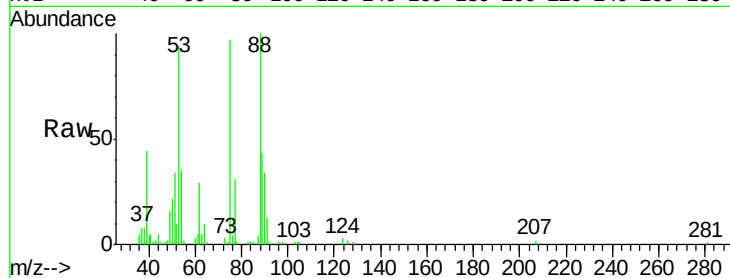




#81
trans-1,4-Dichloro-2-butene
Concen: 20.45 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

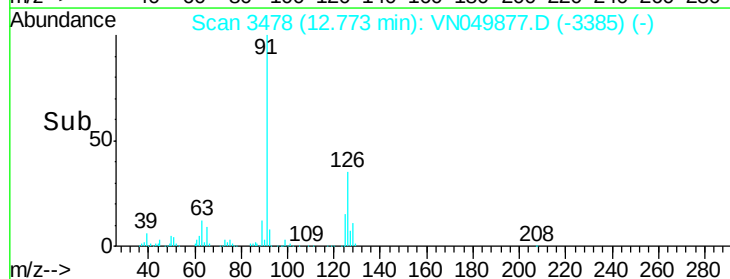
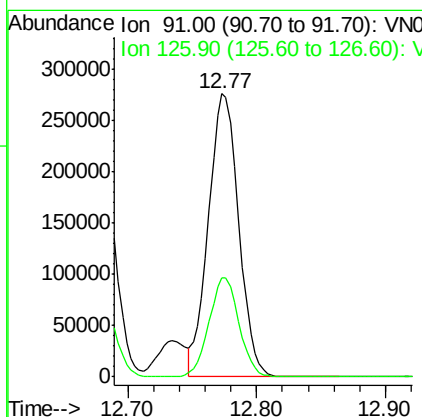
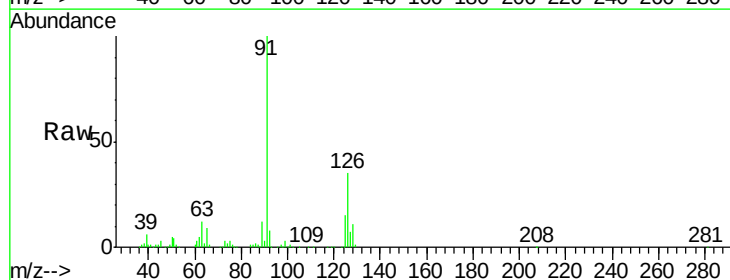
Instrument :
MSVOA_N
ClientSampled :

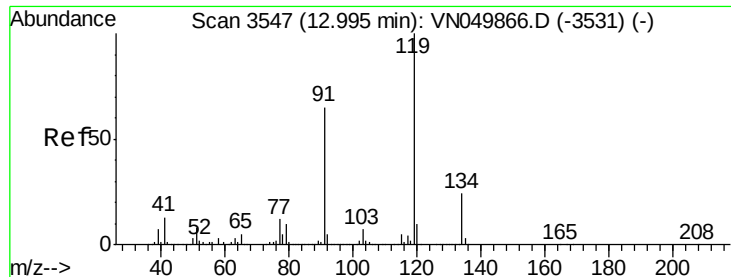
Tot Ion: 75 Resp: 50584
Ion Ratio Lower Upper
75 100
53 98.0 73.9 110.9
89 44.8 35.9 53.9



#82
4-Chlorotoluene
Concen: 20.49 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion: 91 Resp: 449516
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

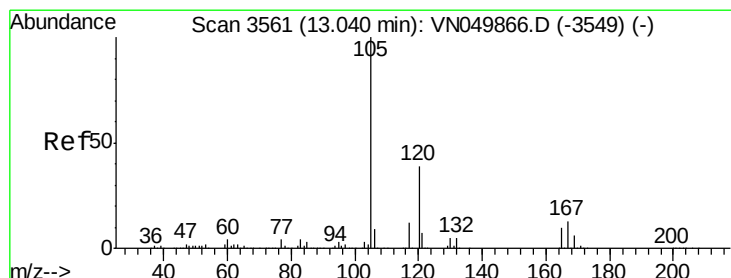
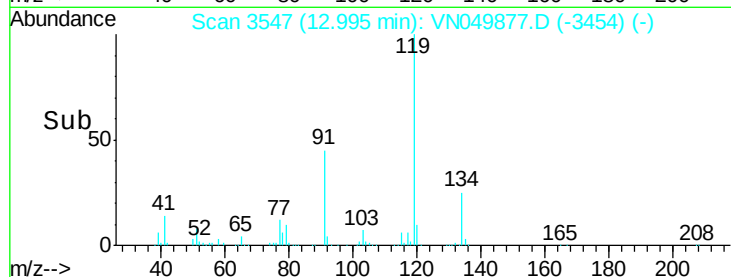
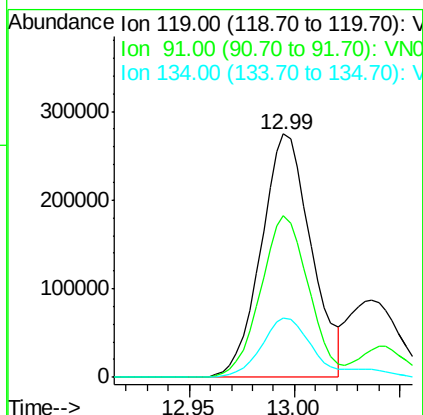
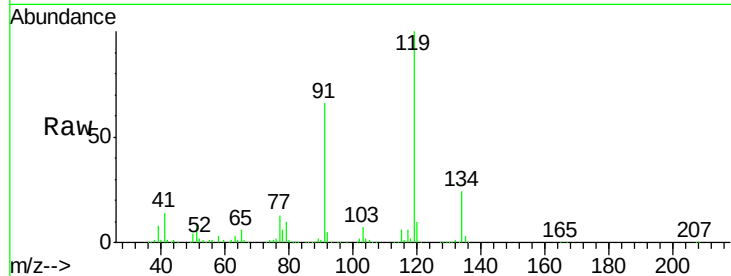




#83
 tert-Butylbenzene
 Concen: 20.55 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

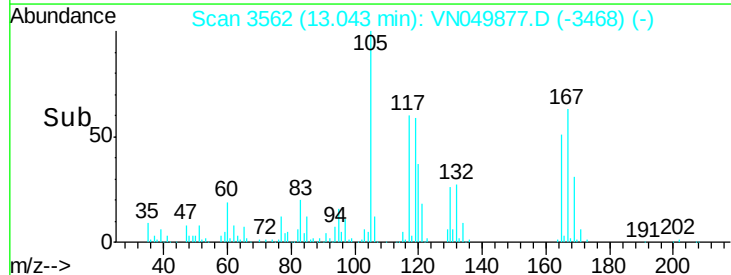
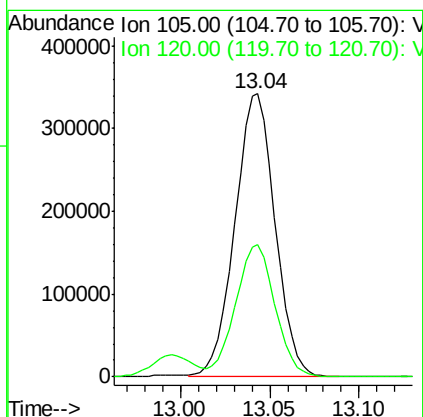
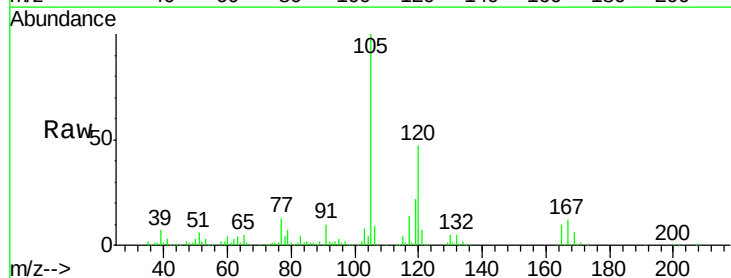
Instrument :
 MSVOA_N
 ClientSampleId :

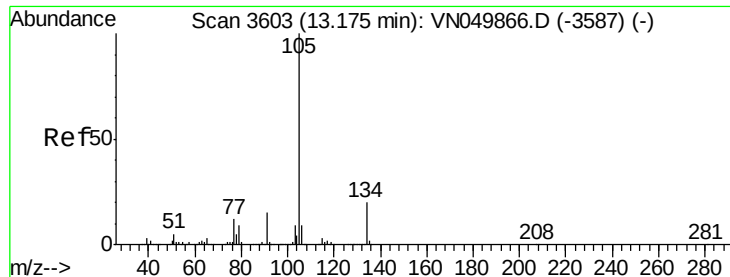
Tot Ion:119 Resp: 453021
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.0 96.2
 134 24.2 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.08 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion:105 Resp: 535968
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.05 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

Instrument :

MSVOA_N

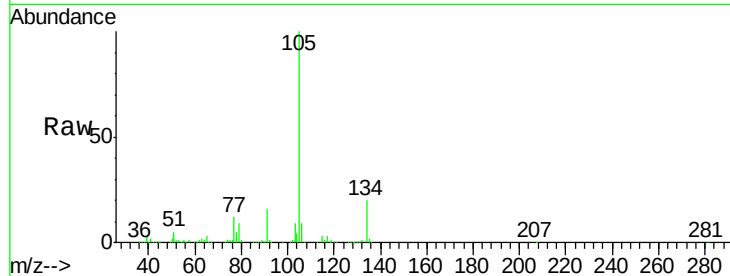
ClientSampled :

Tot Ion:105 Resp: 613133

Ion Ratio Lower Upper

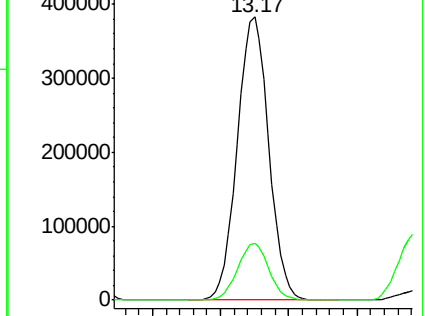
105 100

134 19.9 10.1 30.1

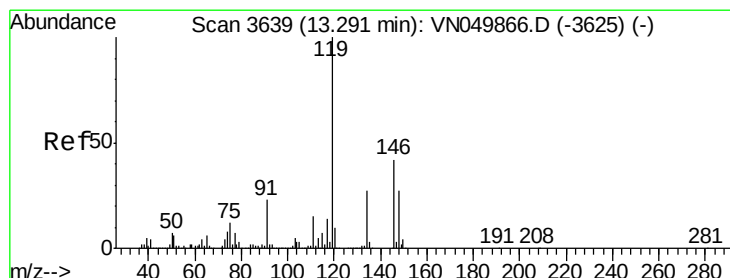
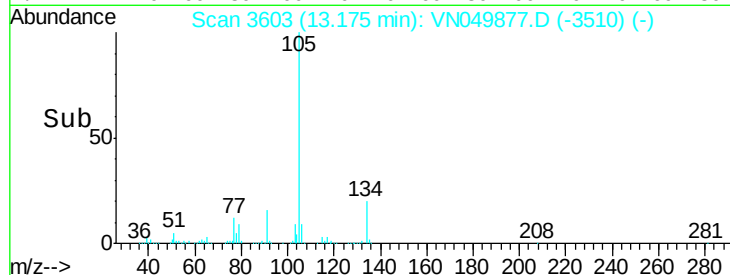


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.89 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049877.D

Acq: 18 Jul 2018 17:11

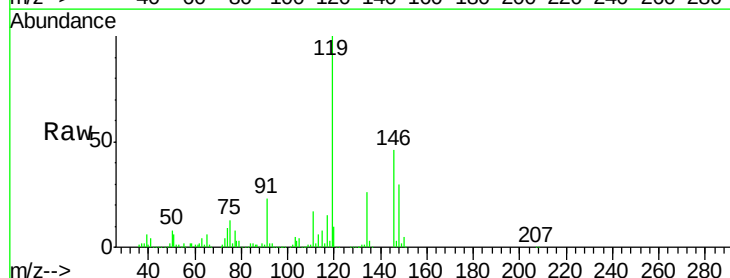
Tgt Ion:119 Resp: 518793

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

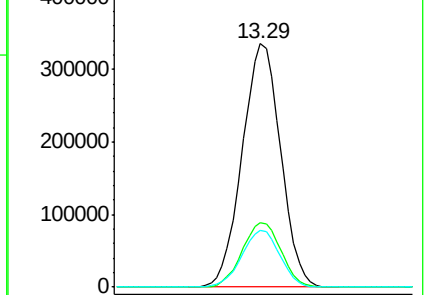
91 23.3 11.4 34.1



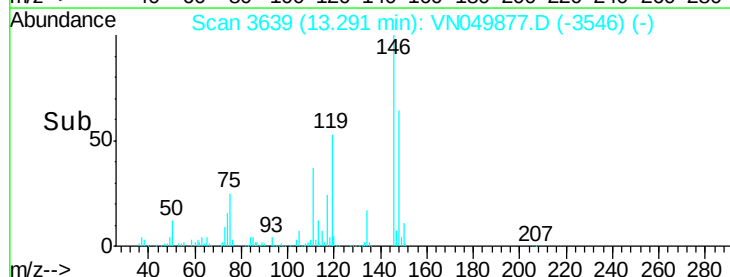
Abundance Ion 119.00 (118.70 to 119.70): V

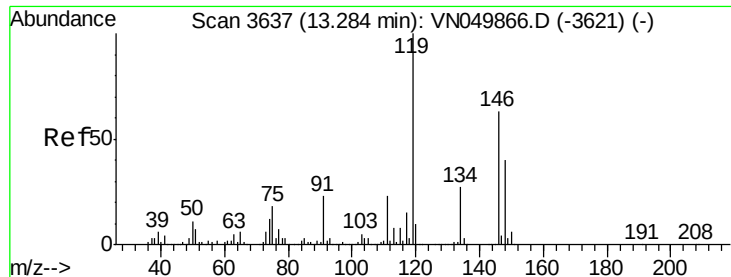
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

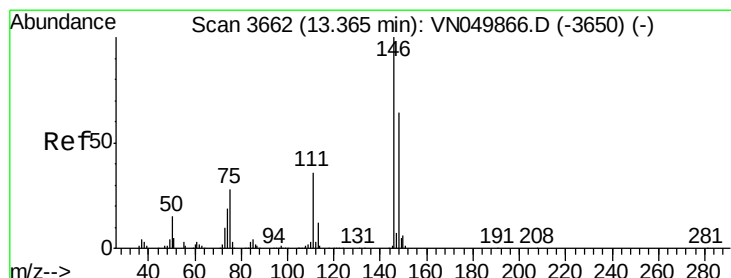
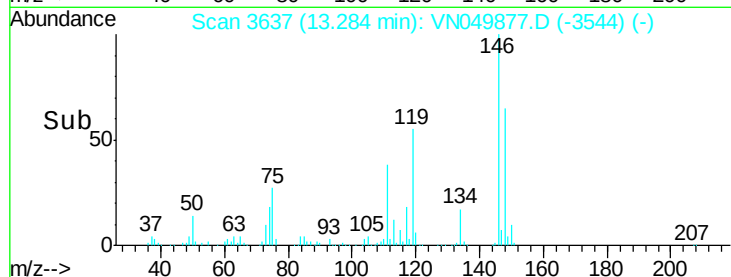
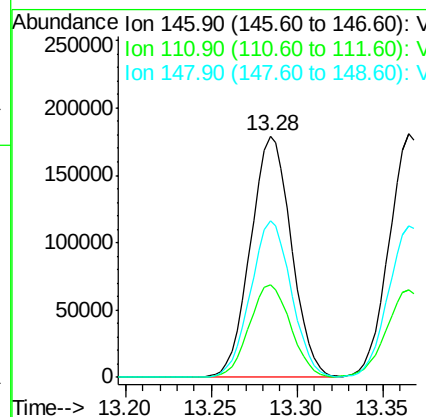
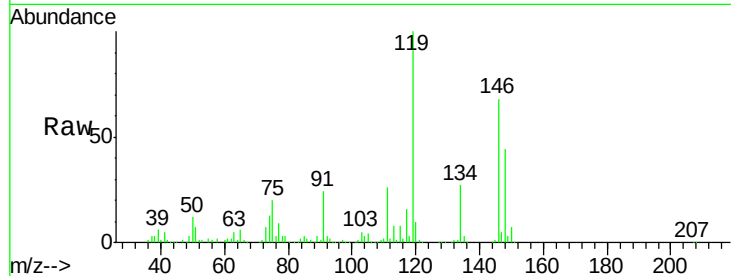




#87
 1,3-Dichlorobenzene
 Concen: 19.60 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

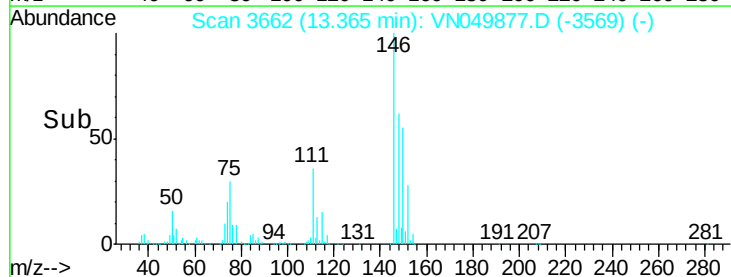
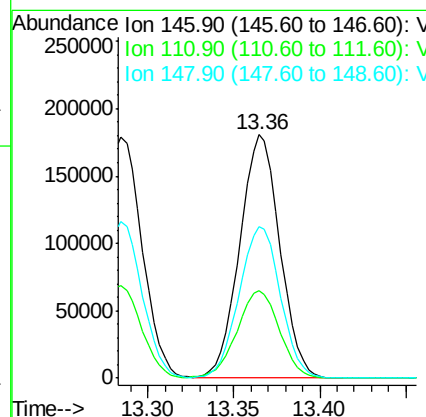
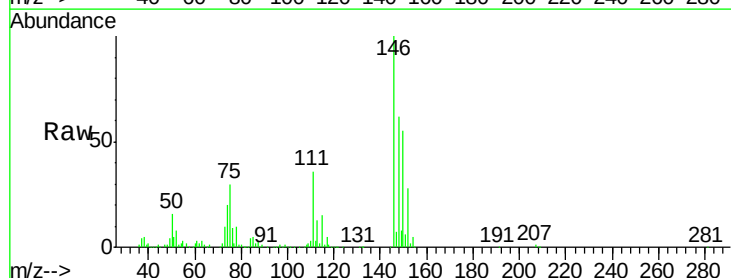
Instrument :
 MSVOA_N
 ClientSampled :

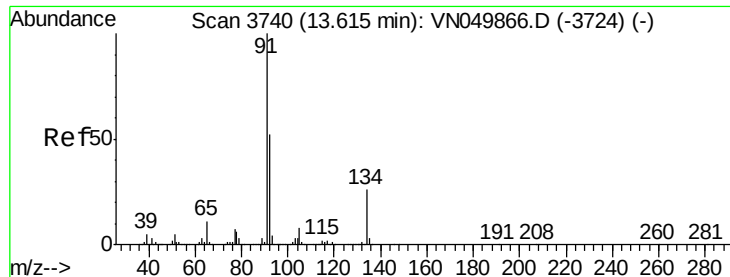
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.7	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.35 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.5
148	64.2	32.1	96.3

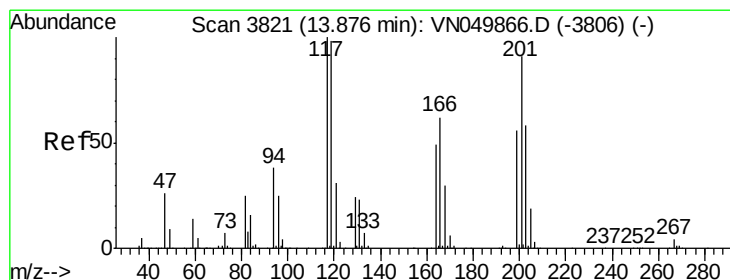
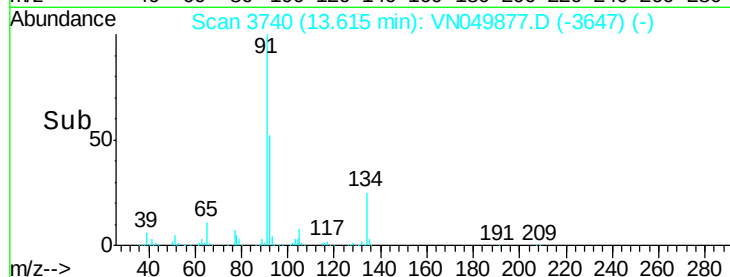
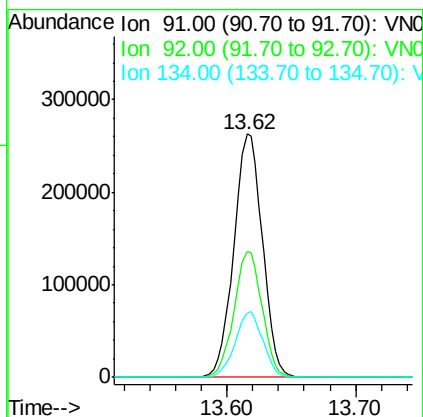
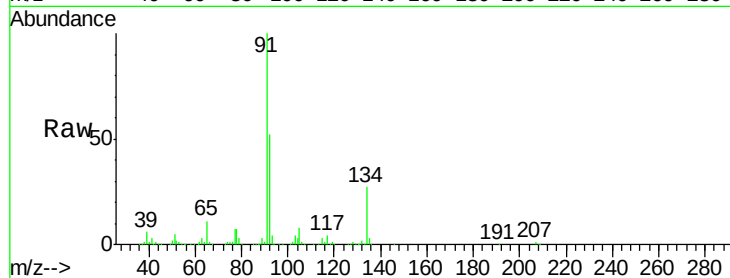




#89
n-Butylbenzene
Concen: 19.68 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

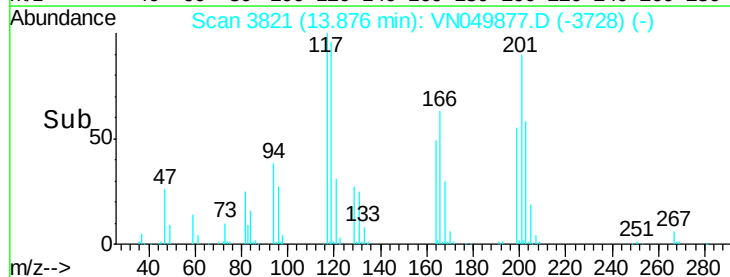
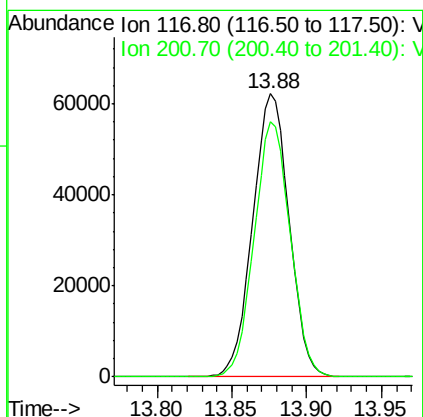
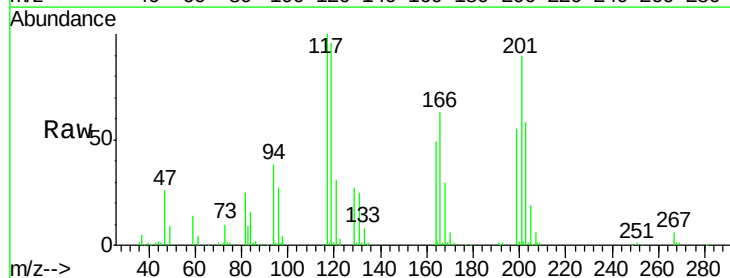
Instrument :
MSVOA_N
ClientSampleId :

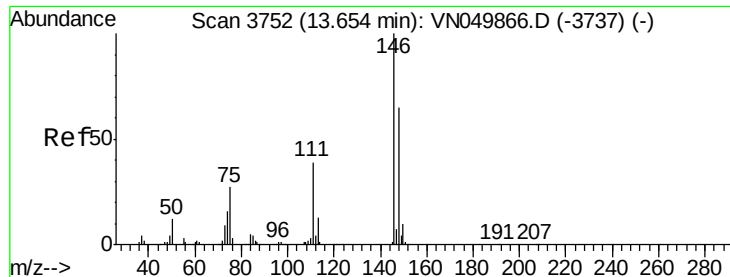
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.8	77.3
134	26.2	13.0	38.9



#90
Hexachloroethane
Concen: 18.91 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	45.3	135.8

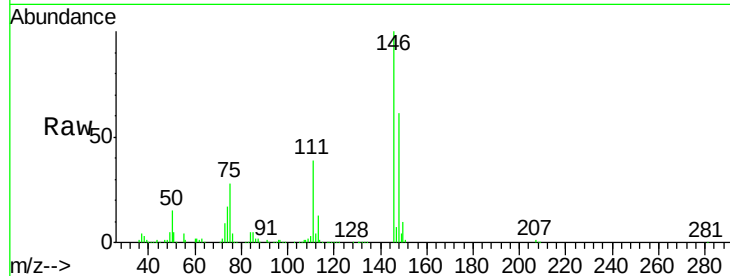




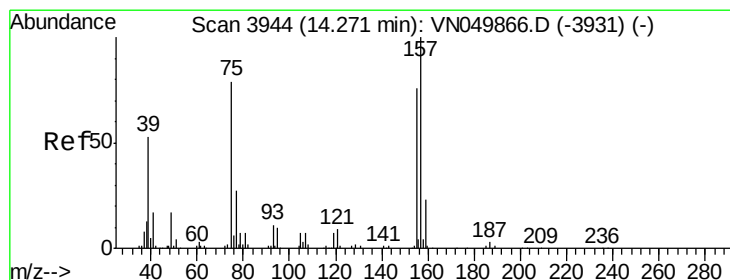
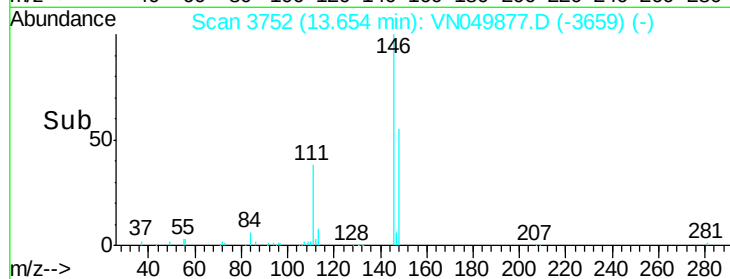
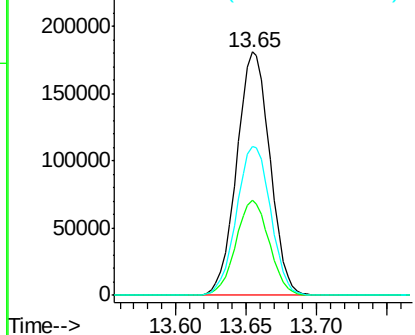
#91
 1,2-Dichlorobenzene
 Concen: 20.17 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	63.0	32.0	96.2

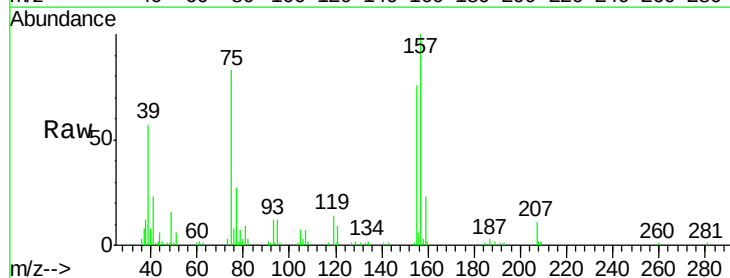


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

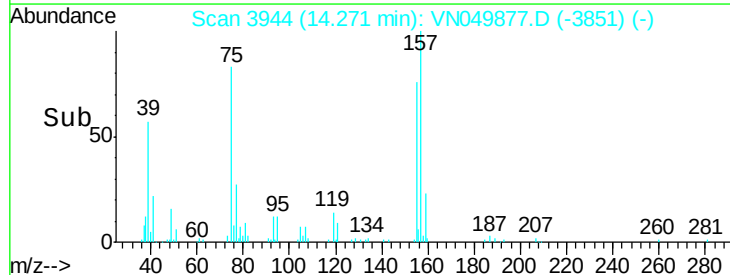
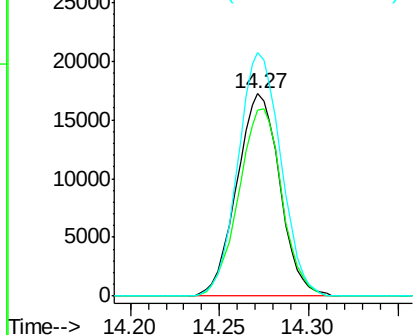


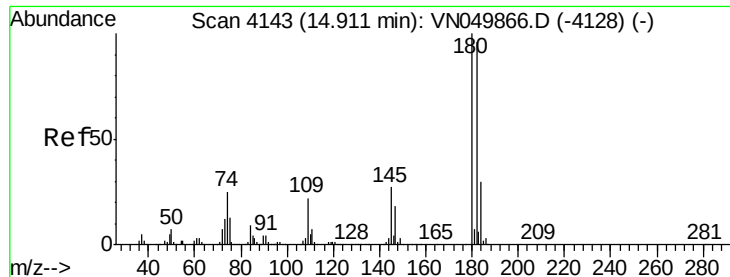
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.95 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	45.7	137.1
157	119.7	56.9	170.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

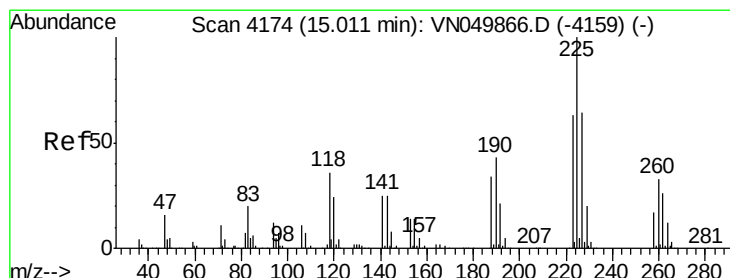
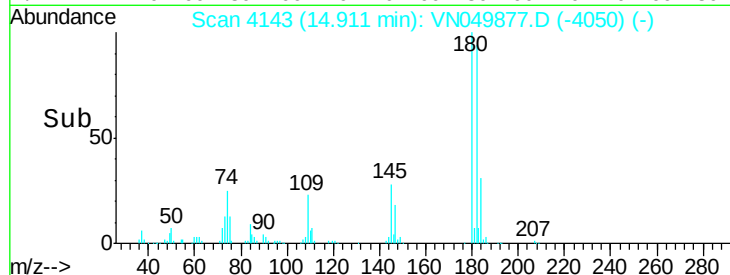
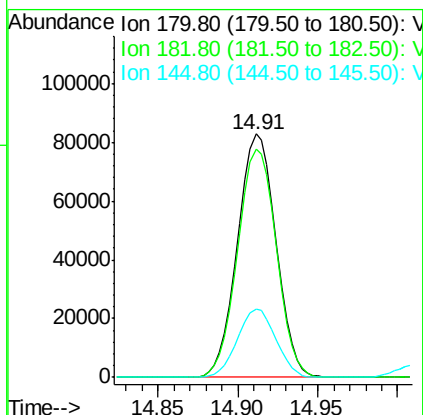
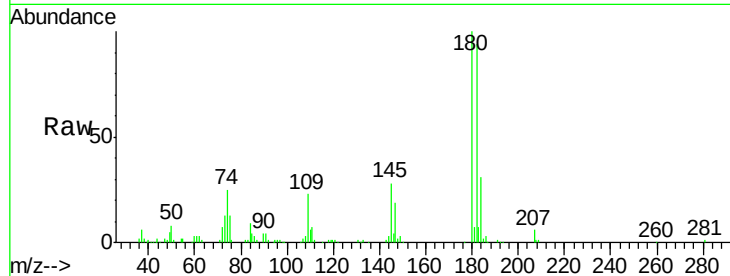




#93
 1,2,4-Trichlorobenzene
 Concen: 18.91 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

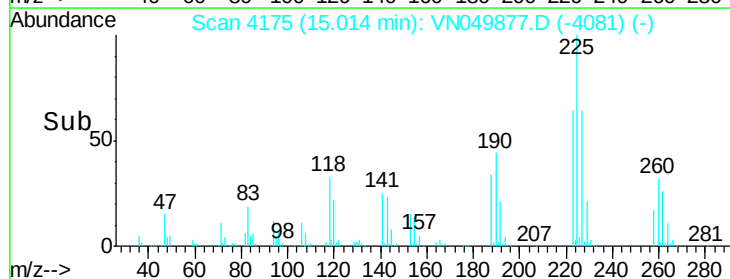
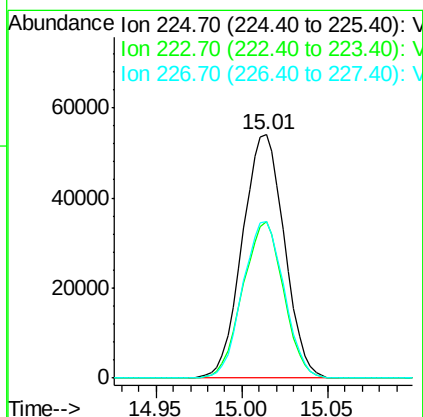
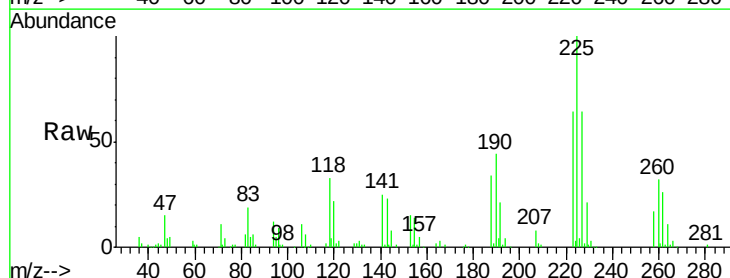
Instrument :
 MSVOA_N
 ClientSampled :

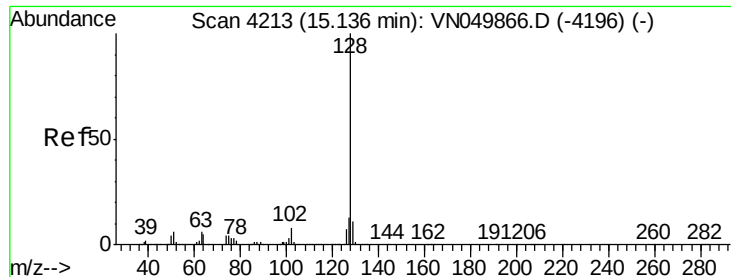
Tot Ion:180 Resp: 135514
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.9
 145 28.2 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 18.87 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049877.D
 Acq: 18 Jul 2018 17:11

Tgt Ion:225 Resp: 91603
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.7
 227 63.5 31.8 95.4

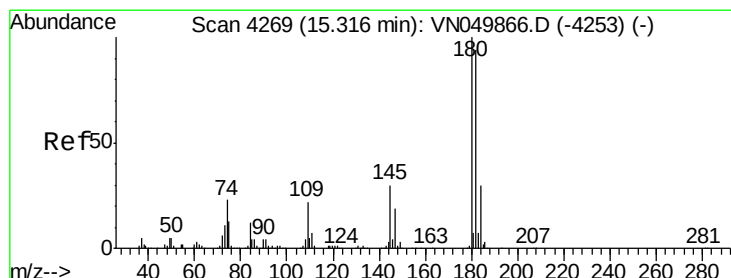
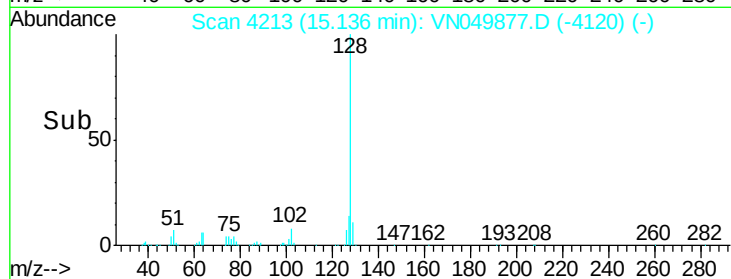
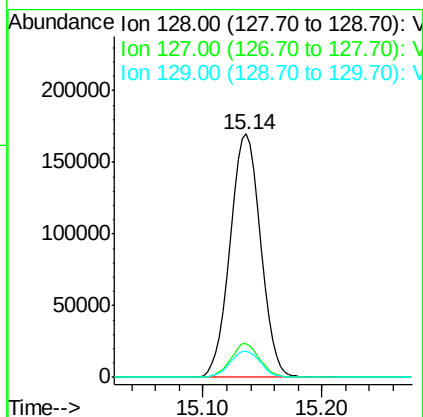
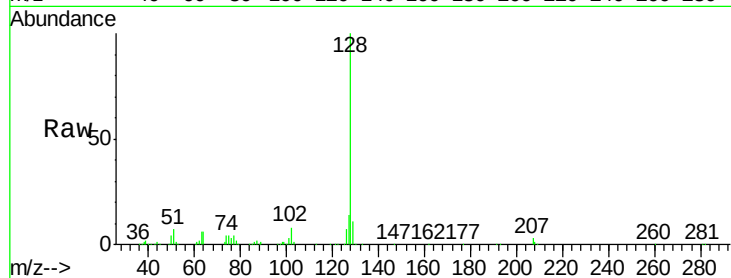




#95
Naphthalene
Concen: 18.62 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 303200
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.98 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049877.D
Acq: 18 Jul 2018 17:11

Tgt Ion:180 Resp: 142004
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 30.4 15.2 45.6

