

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049869.D
 Acq On : 18 Jul 2018 13:23
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 01:17:26 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	7.66	168	670837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	958086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	897699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	487758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	436572	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	7.59	113	389244	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.09	98	1480727	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	526260	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	300384	49.04	ug/l	97
3) Chloromethane	2.06	50	396267	43.28	ug/l	99
4) Vinyl Chloride	2.18	62	434978	44.54	ug/l	100
5) Bromomethane	2.56	94	299946	55.13	ug/l	100
6) Chloroethane	2.70	64	273360	42.86	ug/l	99
7) Trichlorofluoromethane	3.01	101	585371	43.60	ug/l	99
8) Diethyl Ether	3.41	74	219821	46.93	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	371178	44.84	ug/l	100
10) Methyl Iodide	3.95	142	482598	43.45	ug/l	99
11) Tert butyl alcohol	4.80	59	153172	233.19	ug/l	100
12) 1,1-Dichloroethene	3.73	96	334707	46.02	ug/l	98
13) Acrolein	3.61	56	96910	228.96	ug/l	99
14) Allyl chloride	4.32	41	553473	48.27	ug/l	99
15) Acrylonitrile	4.99	53	687796	238.09	ug/l	99
16) Acetone	3.82	43	560858	234.94	ug/l	99
17) Carbon Disulfide	4.05	76	975194	44.81	ug/l	100
18) Methyl Acetate	4.33	43	354420	47.20	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	996717	49.81	ug/l	98
20) Methylene Chloride	4.55	84	392103	43.19	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	367212	47.55	ug/l	99
22) Diisopropyl ether	5.95	45	1183991	50.61	ug/l	98
23) Vinyl Acetate	5.90	43	4150879	252.86	ug/l	100
24) 1,1-Dichloroethane	5.85	63	682515	45.44	ug/l	100
25) 2-Butanone	6.84	43	834484	244.59	ug/l	100
26) 2,2-Dichloropropane	6.82	77	586945	50.22	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	419244	49.47	ug/l	99
28) Bromochloromethane	7.19	49	325172	47.94	ug/l	98
29) Tetrahydrofuran	7.21	42	524380	243.98	ug/l	100
30) Chloroform	7.37	83	697410	45.23	ug/l	99
31) Cyclohexane	7.65	56	597901	48.91	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	608784	45.68	ug/l	100
36) 1,1-Dichloropropene	7.79	75	529147	49.67	ug/l	99
37) Ethyl Acetate	6.93	43	346782	47.41	ug/l	99
38) Carbon Tetrachloride	7.77	117	537261	47.08	ug/l	99

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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	586673	53.31	ug/l	97
40) Benzene	8.04	78	1586415	48.86	ug/l	99
41) Methacrylonitrile	7.17	41	187387	51.10	ug/l	95
42) 1,2-Dichloroethane	8.12	62	510987	47.52	ug/l	99
43) Isopropyl Acetate	8.17	43	627406	49.09	ug/l	96
44) Trichloroethene	8.83	130	416175	48.88	ug/l	99
45) 1,2-Dichloropropane	9.12	63	417204	47.63	ug/l	99
46) Dibromomethane	9.21	93	256114	47.15	ug/l	99
47) Bromodichloromethane	9.40	83	541819	48.23	ug/l	96
48) Methyl methacrylate	9.20	41	314593	49.07	ug/l	100
49) 1,4-Dioxane	9.20	88	94849	1042.96	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1816512	254.27	ug/l	99
52) Toluene	10.16	92	992827	51.26	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	580119	52.23	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	651946	53.10	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	372566	46.56	ug/l	99
56) Ethyl methacrylate	10.43	69	502639	46.92	ug/l	98
57) 1,3-Dichloropropane	10.71	76	623741	49.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1261187	295.90	ug/l	100
59) 2-Hexanone	10.75	43	1295261	269.93	ug/l	99
60) Dibromochloromethane	10.90	129	426644	48.63	ug/l	98
61) 1,2-Dibromoethane	11.01	107	375912	50.28	ug/l	100
64) Tetrachloroethene	10.63	164	384016	47.60	ug/l	100
65) Chlorobenzene	11.43	112	1115397	49.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	414053	47.39	ug/l	99
67) Ethyl Benzene	11.51	91	1927949	52.69	ug/l	100
68) m/p-Xylenes	11.62	106	1490603	107.62	ug/l	99
69) o-Xylene	11.95	106	704688	52.97	ug/l	99
70) Styrene	11.96	104	1194454	55.43	ug/l	99
71) Bromoform	12.13	173	308688	49.39	ug/l #	99
73) Isopropylbenzene	12.25	105	1922244	51.88	ug/l	100
74) N-amyl acetate	12.07	43	576217	51.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	487602	43.92	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	616170	67.34	ug/l #	100
77) Bromobenzene	12.53	156	495385	48.42	ug/l	98
78) n-propylbenzene	12.59	91	2265267	53.78	ug/l	100
79) 2-Chlorotoluene	12.68	91	1315551	50.86	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1598451	53.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	147194	50.30	ug/l	99
82) 4-Chlorotoluene	12.77	91	1359939	52.41	ug/l	100
83) tert-Butylbenzene	12.99	119	1388646	53.25	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1639656	54.51	ug/l	100
85) sec-Butylbenzene	13.17	105	1874337	54.39	ug/l	100
86) p-Isopropyltoluene	13.29	119	1636462	55.70	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	885484	49.67	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	874931	48.96	ug/l	99
89) n-Butylbenzene	13.62	91	1387024	57.18	ug/l	99
90) Hexachloroethane	13.88	117	300855	45.63	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	855443	48.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77127	44.97	ug/l	97

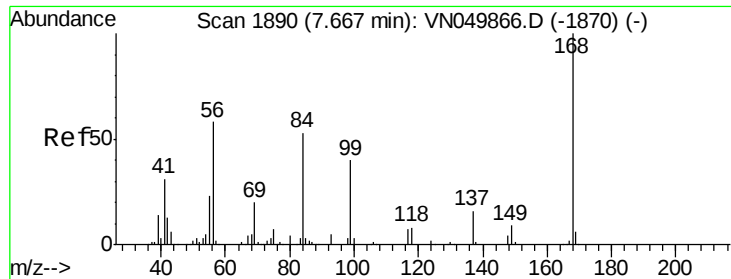
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
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Quant Title : SW846 8260
QLast Update : Wed Jul 18 13:09:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	488615	50.52	ug/l	99
94) Hexachlorobutadiene	15.01	225	290345	50.55	ug/l	99
95) Naphthalene	15.14	128	1113961	48.38	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	482891	57.43	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

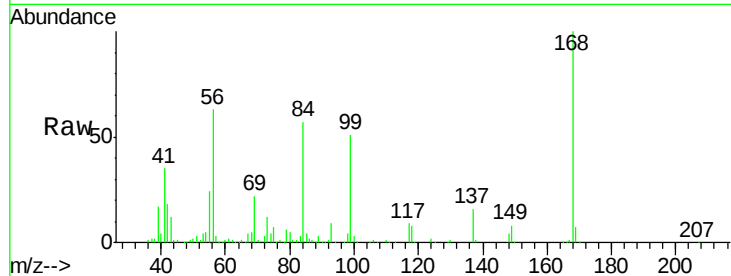
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 670837

Ion Ratio Lower Upper

168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

300000

250000

200000

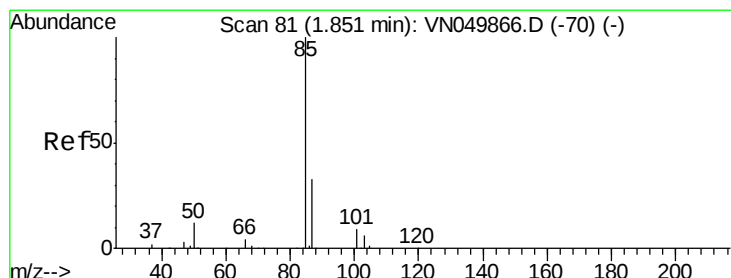
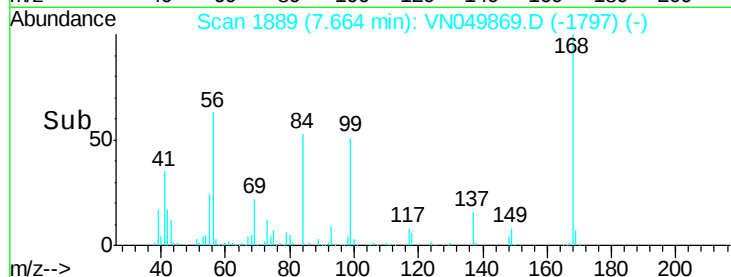
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.04 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049869.D

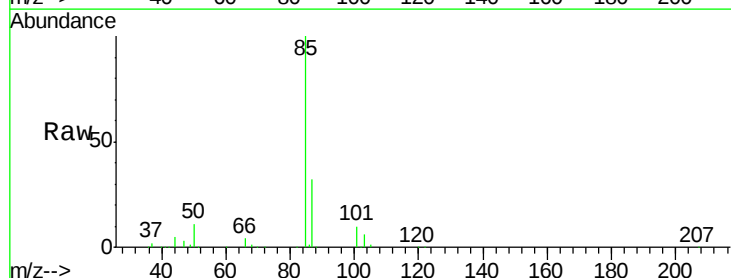
Acq: 18 Jul 2018 13:23

Tgt Ion: 85 Resp: 300384

Ion Ratio Lower Upper

85 100

87 32.4 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

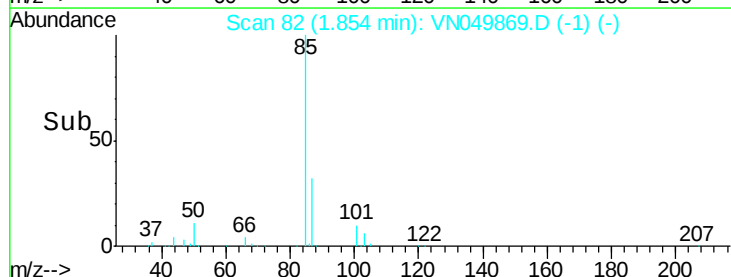
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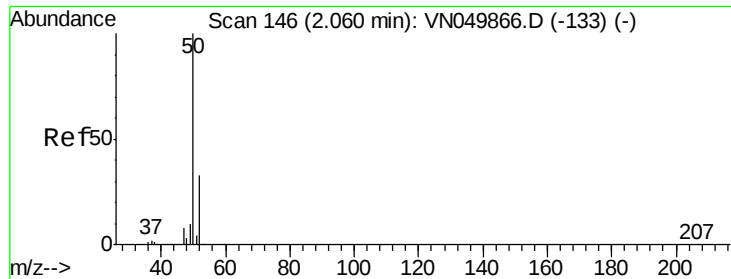
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50000

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Time-->





#3

Chloromethane

Concen: 43.28 ug/l

RT: 2.06 min Scan# 146

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

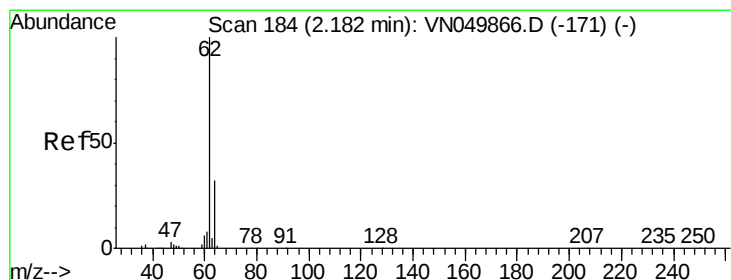
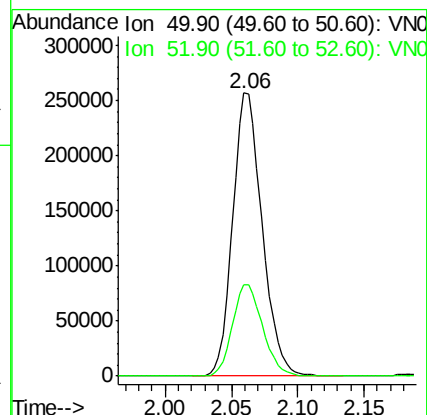
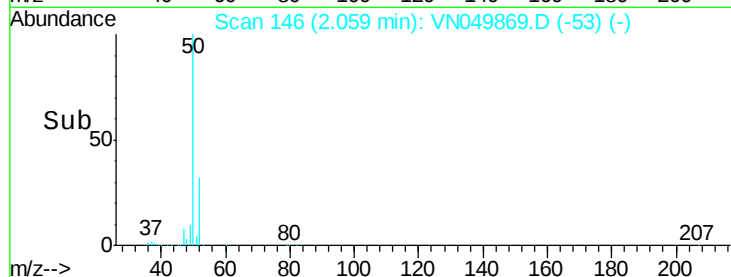
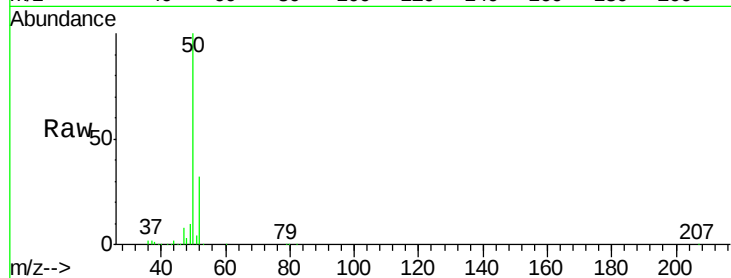
ClientSampled :

Tot Ion: 50 Resp: 396267

Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1



#4

Vinyl Chloride

Concen: 44.54 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049869.D

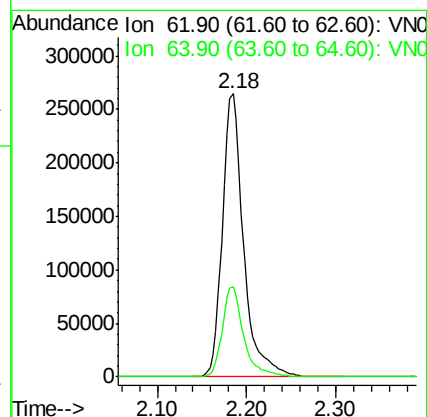
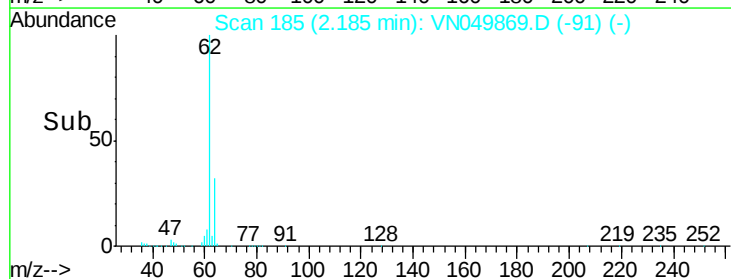
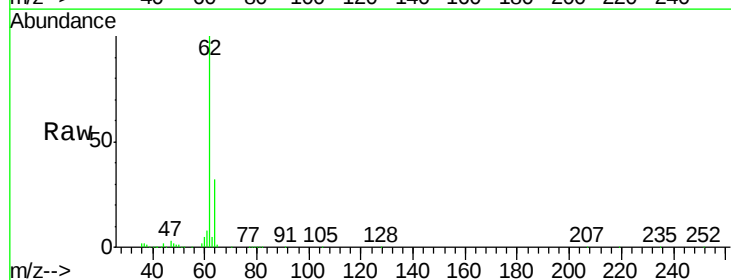
Acq: 18 Jul 2018 13:23

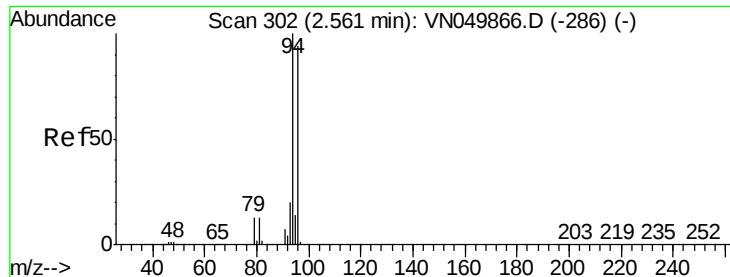
Tgt Ion: 62 Resp: 434978

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 55.13 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

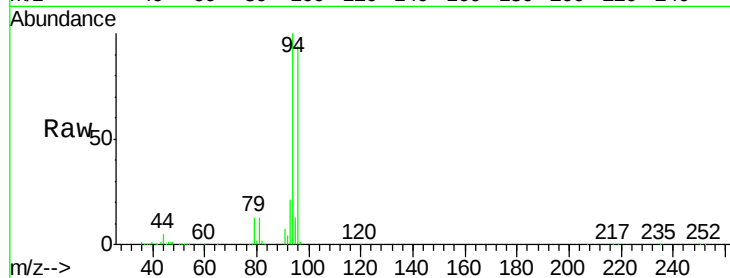
ClientSampled :

Tot Ion: 94 Resp: 299946

Ion Ratio Lower Upper

94 100

96 94.4 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN049869.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN049869.D (-209) (-)

2.56

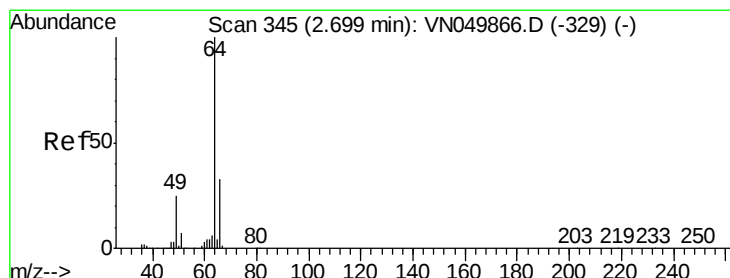
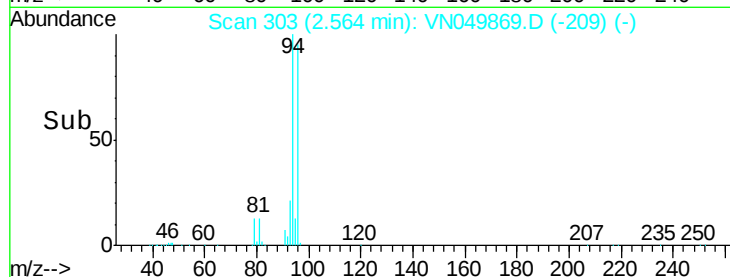
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100000

50000

0

Time-->



#6

Chloroethane

Concen: 42.86 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049869.D

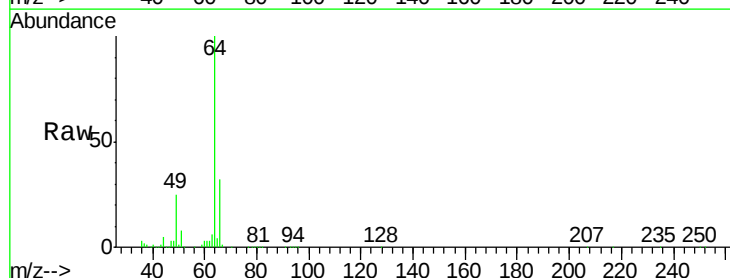
Acq: 18 Jul 2018 13:23

Tgt Ion: 64 Resp: 273360

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049869.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN049869.D (-252) (-)

2.70

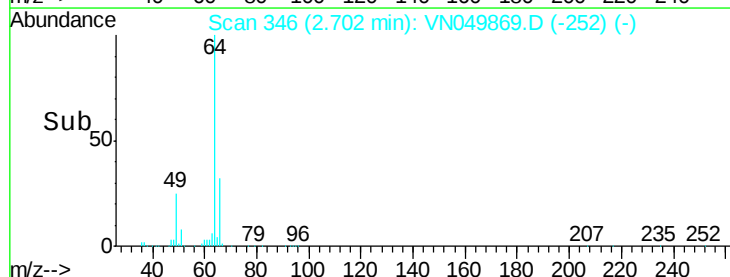
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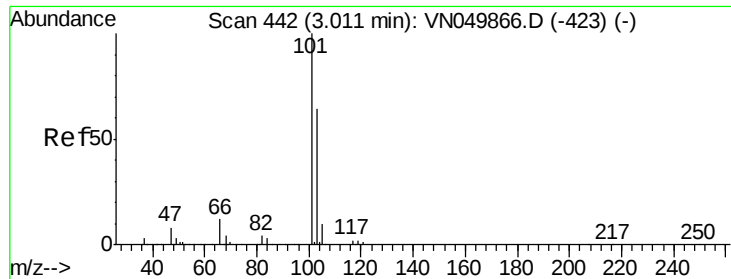
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Time-->



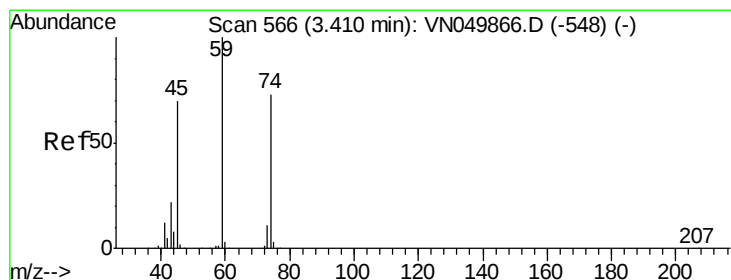
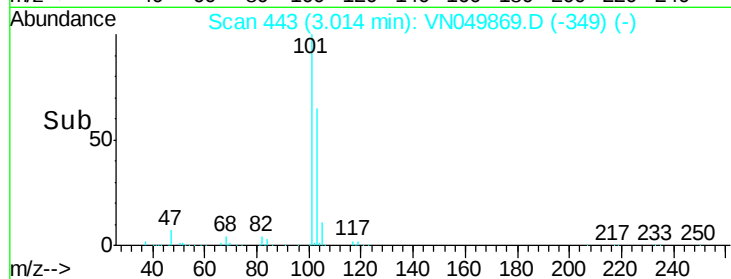
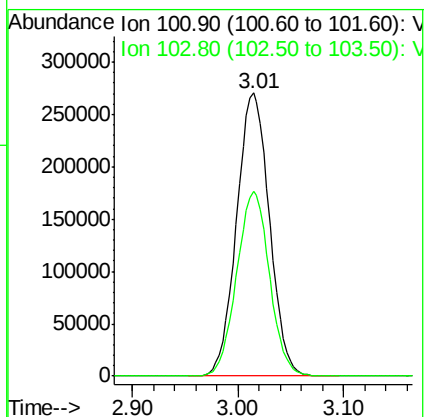
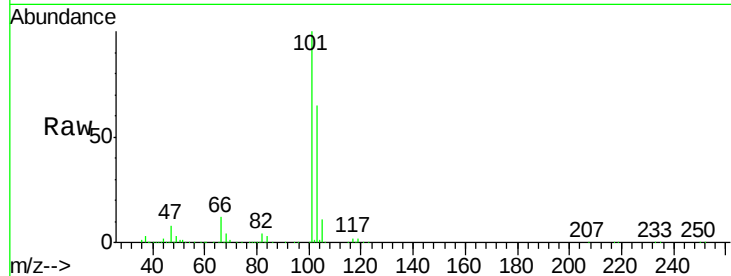


#7

Trichlorofluoromethane
Concen: 43.60 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Instrument :
MSVOA_N
ClientSampled :

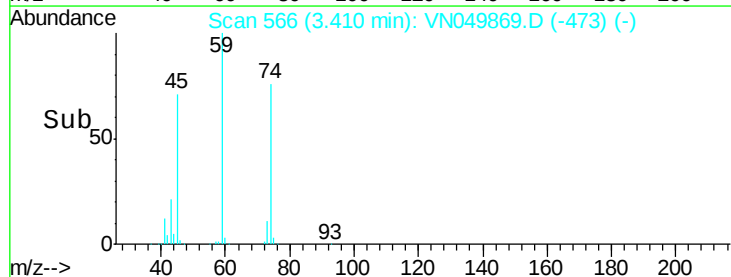
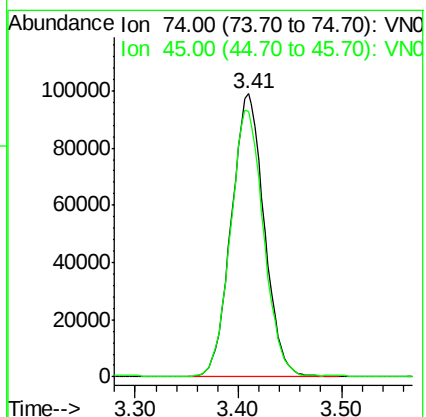
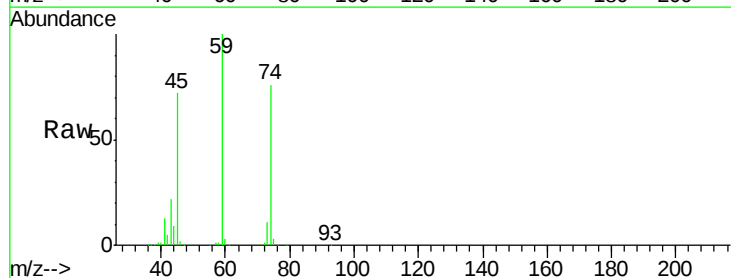
Tot Ion:101 Resp: 585371
Ion Ratio Lower Upper
101 100
103 65.2 52.8 79.2

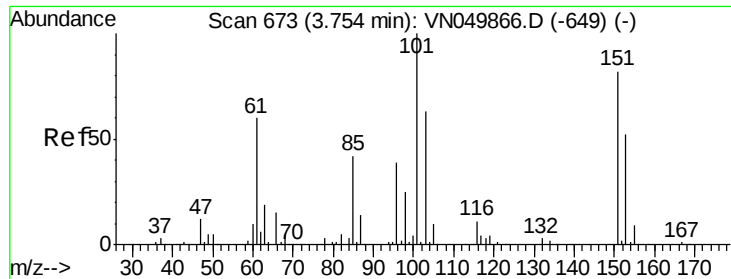


#8

Diethyl Ether
Concen: 46.93 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 74 Resp: 219821
Ion Ratio Lower Upper
74 100
45 94.0 48.4 145.2

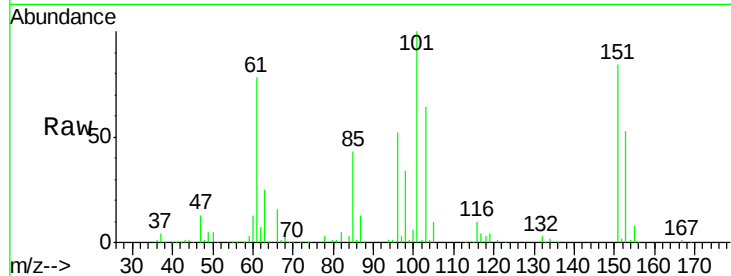




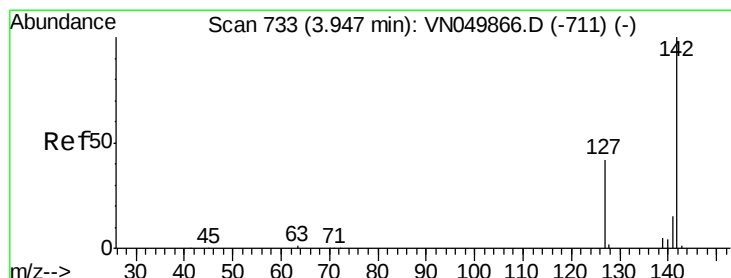
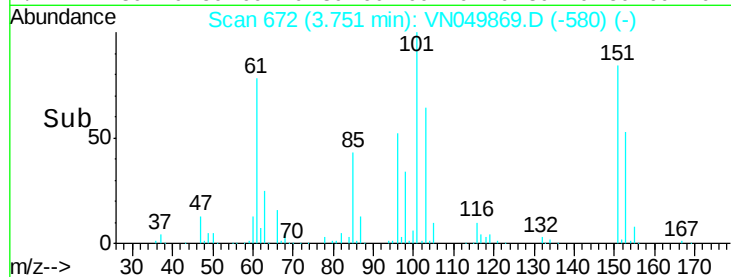
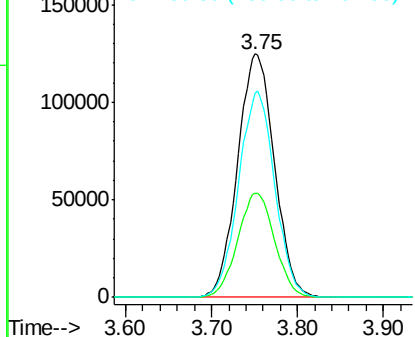
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.84 ug/l
 RT: 3.75 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 371178
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.4 51.6
 151 83.3 66.2 99.4

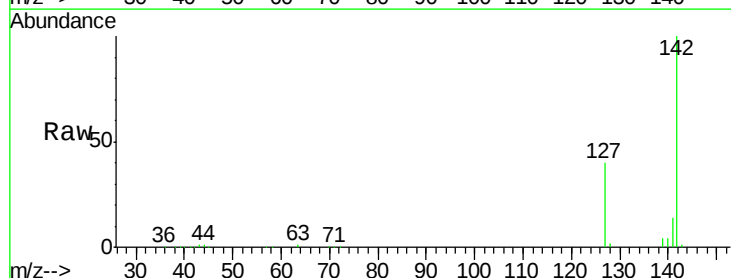


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

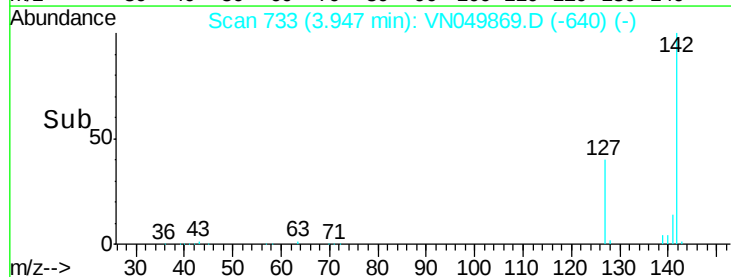
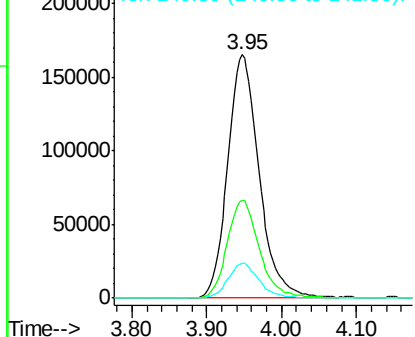


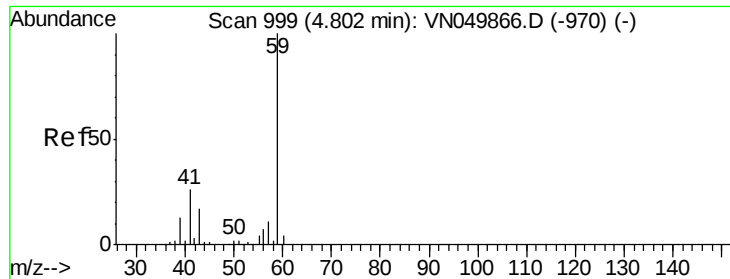
#10
 Methyl Iodide
 Concen: 43.45 ug/l
 RT: 3.95 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion:142 Resp: 482598
 Ion Ratio Lower Upper
 142 100
 127 41.3 32.5 48.7
 141 14.3 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



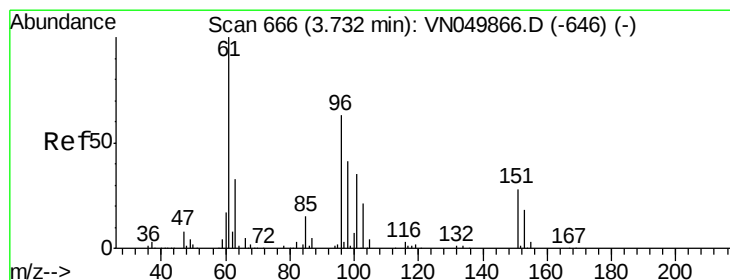
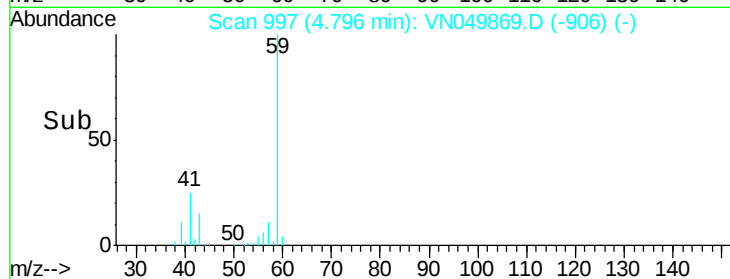
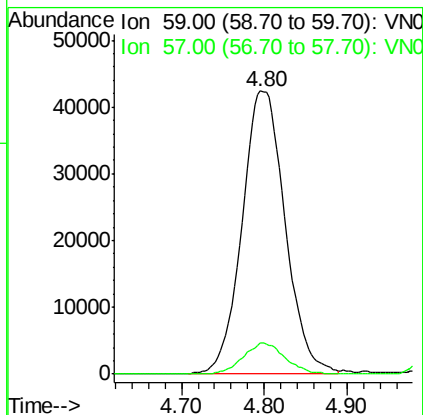
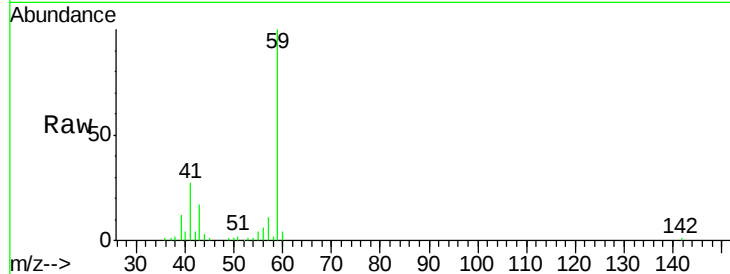


#11

Tert butyl alcohol
 Concen: 233.19 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Instrument :
 MSVOA_N
 ClientSampled :

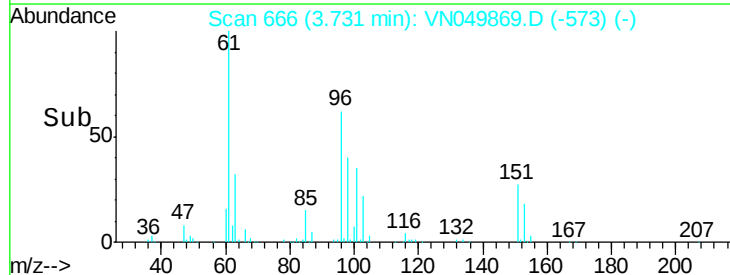
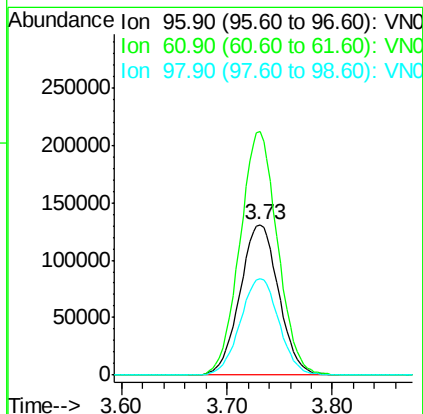
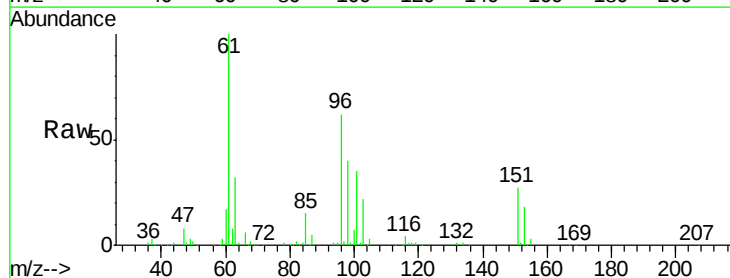
Tot Ion: 59 Resp: 153172
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

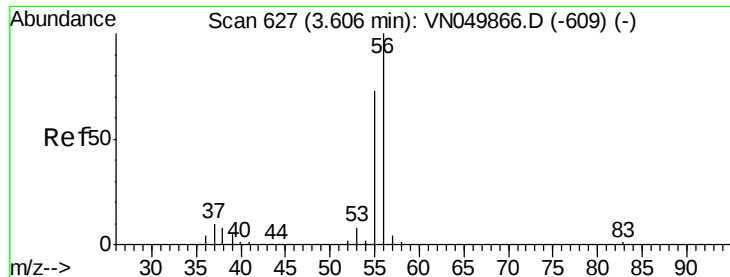


#12

1,1-Dichloroethene
 Concen: 46.02 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion: 96 Resp: 334707
 Ion Ratio Lower Upper
 96 100
 61 161.7 126.5 189.7
 98 63.9 51.0 76.6





#13

Acrolein

Concen: 228.96 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

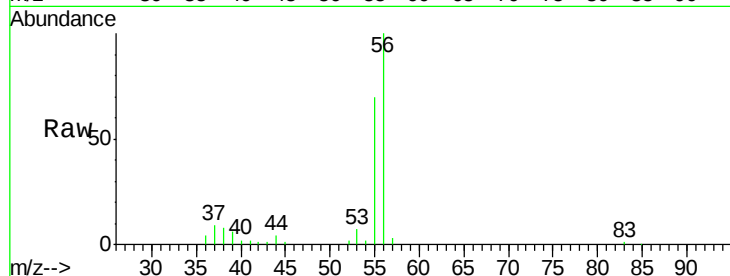
ClientSampled :

Tot Ion: 56 Resp: 96910

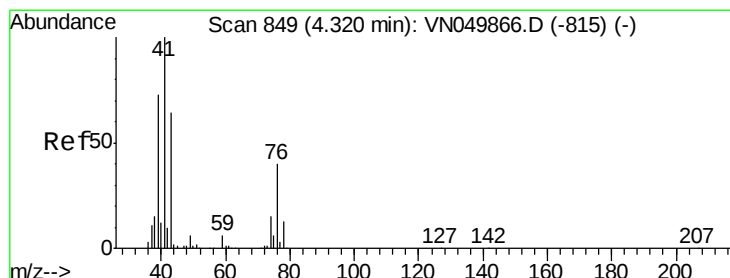
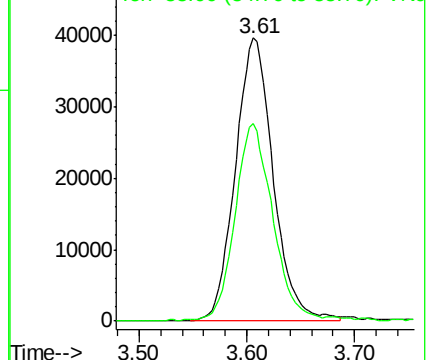
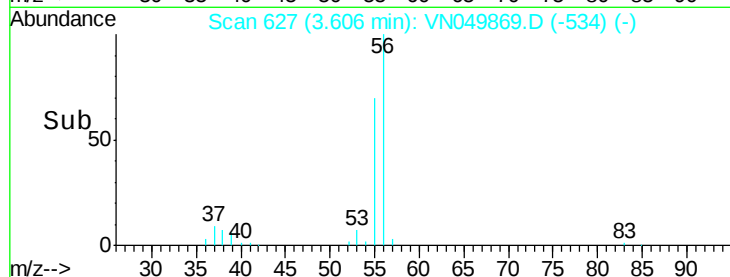
Ion Ratio Lower Upper

56 100

55 69.3 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN049869.D (-534) (-)



#14

Allyl chloride

Concen: 48.27 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

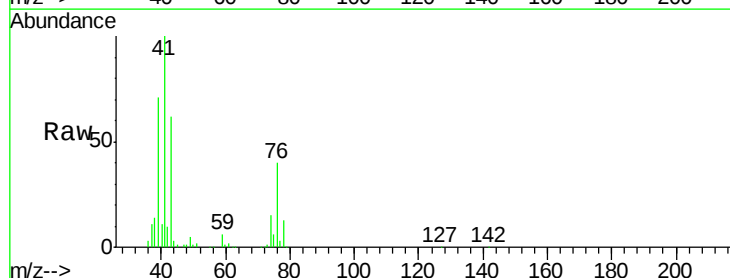
Tgt Ion: 41 Resp: 553473

Ion Ratio Lower Upper

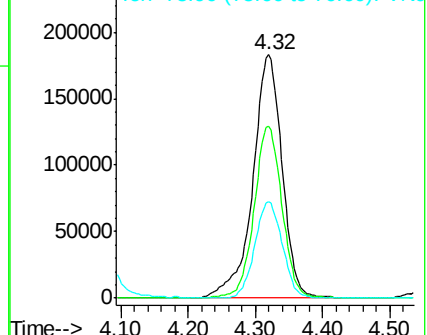
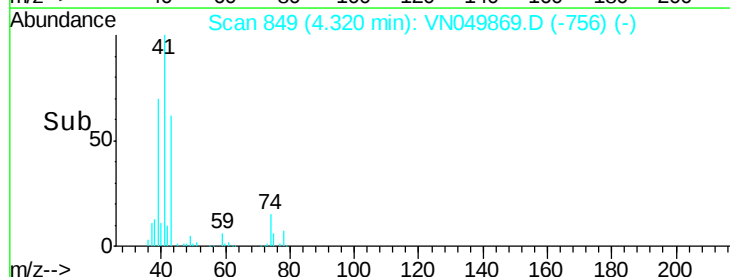
41 100

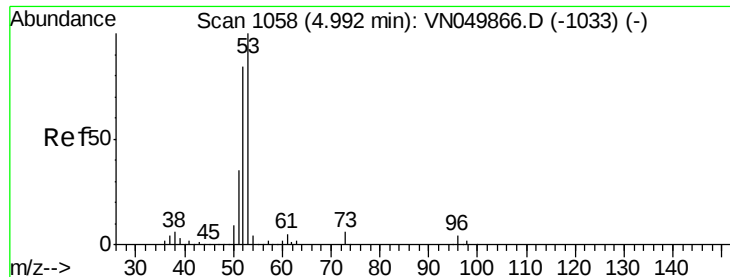
39 67.0 53.2 79.8

76 36.6 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VN049869.D (-756) (-)





#15

Acrylonitrile

Concen: 238.09 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

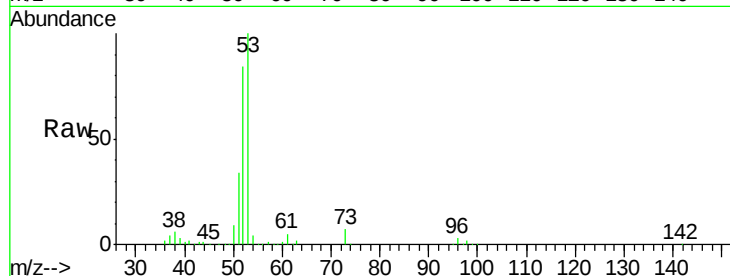
Tot Ion: 53 Resp: 687796

Ion Ratio Lower Upper

53 100

52 82.0 64.8 97.2

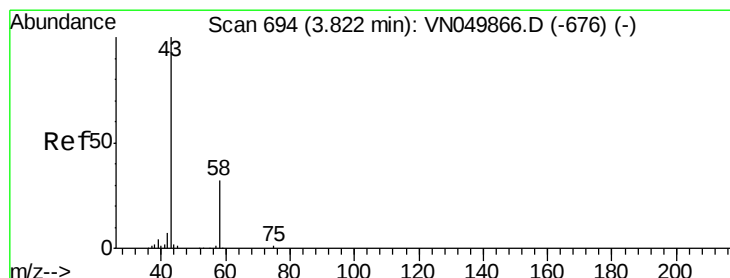
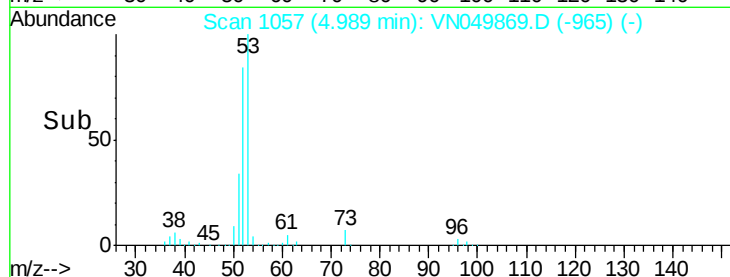
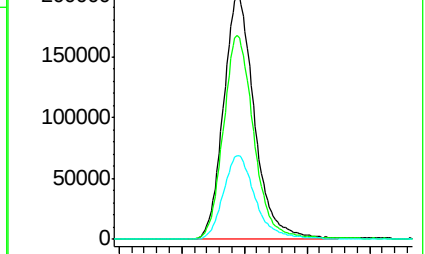
51 35.4 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049866.D (-1033) (-)

Ion 52.00 (51.70 to 52.70): VN049866.D (-1033) (-)

Ion 51.00 (50.70 to 51.70): VN049866.D (-1033) (-)



#16

Acetone

Concen: 234.94 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN049869.D

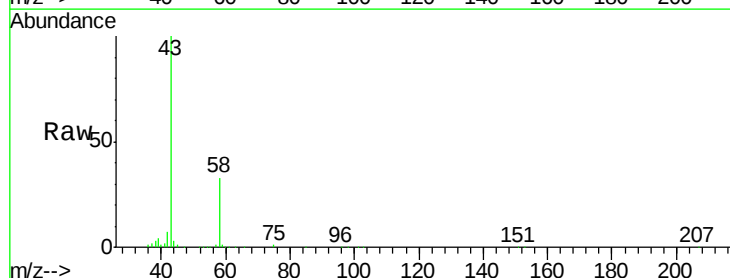
Acq: 18 Jul 2018 13:23

Tgt Ion: 43 Resp: 560858

Ion Ratio Lower Upper

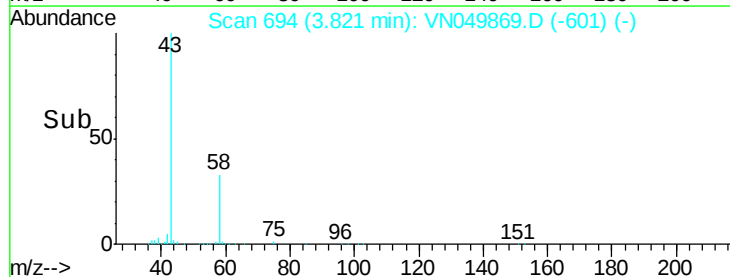
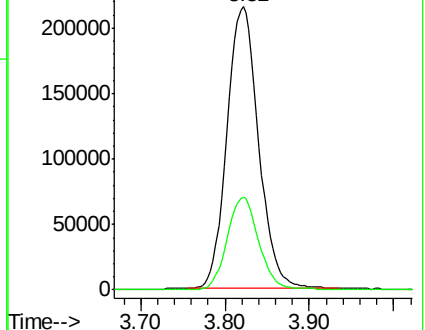
43 100

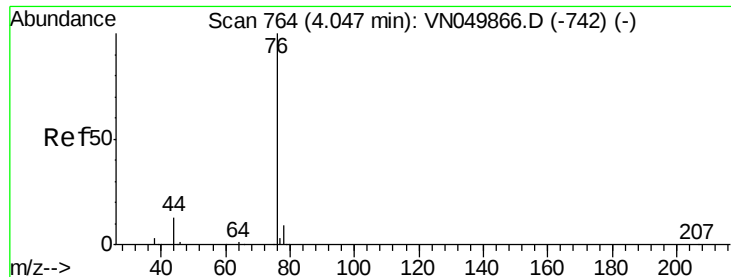
58 33.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN049866.D (-676) (-)

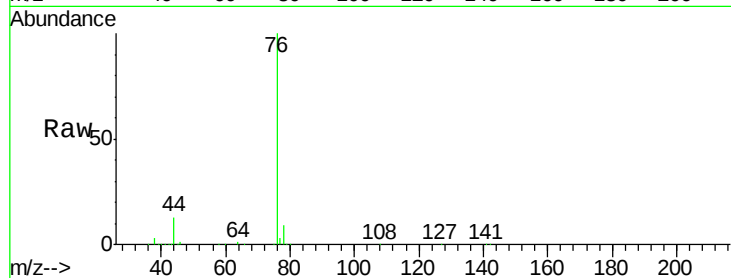




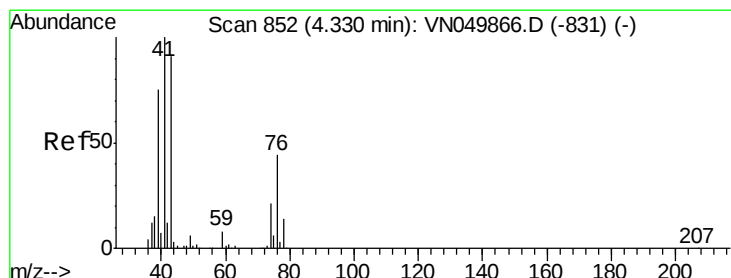
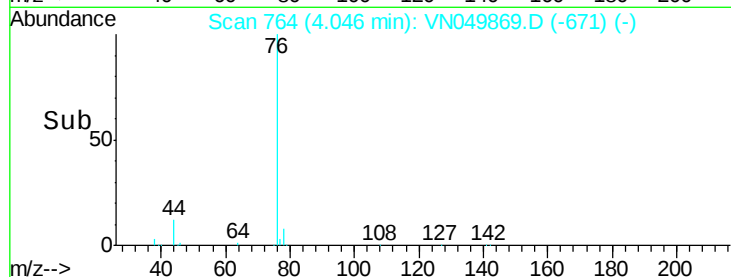
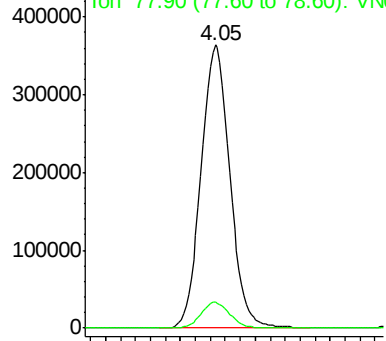
#17
Carbon Disulfide
Concen: 44.81 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 975194
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

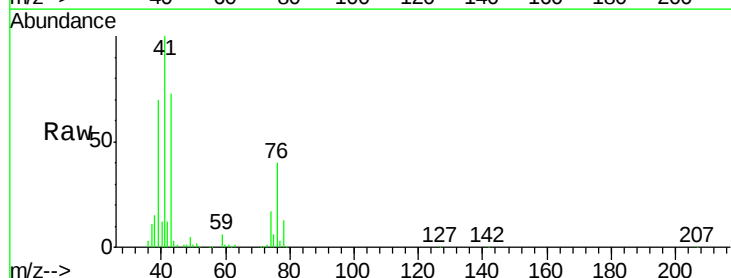


Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

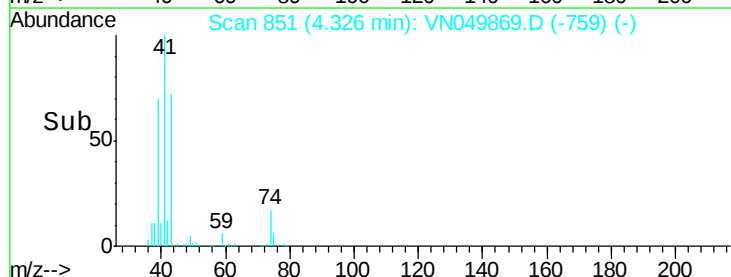
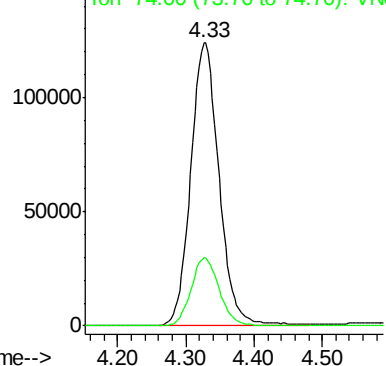


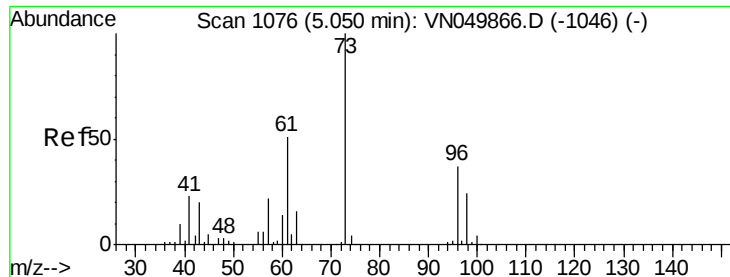
#18
Methyl Acetate
Concen: 47.20 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 43 Resp: 354420
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 74.00 (73.70 to 74.70): VN0

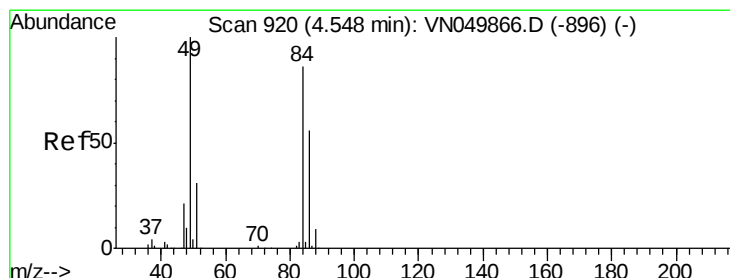
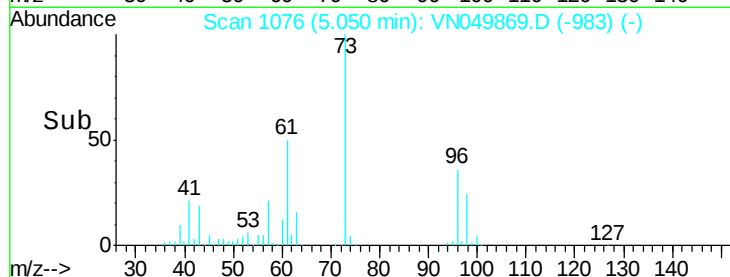
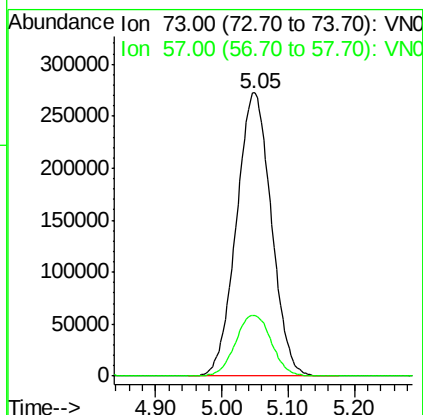
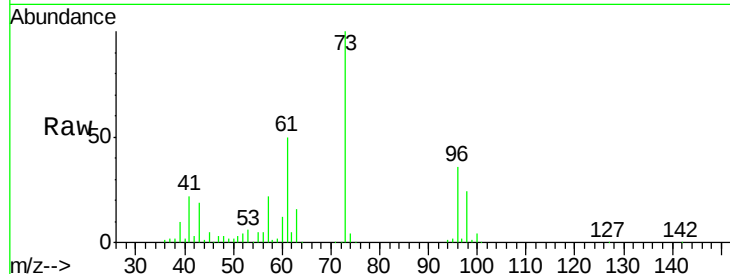




#19
Methvl tert-butvl Ether
Concen: 49.81 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

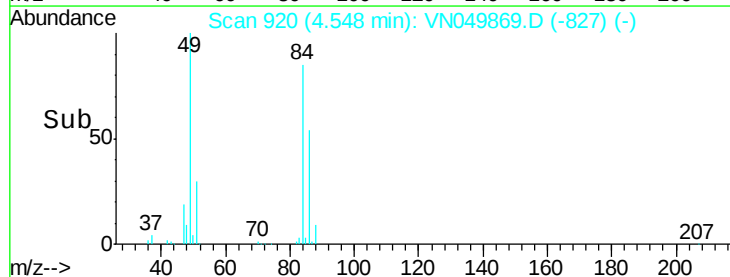
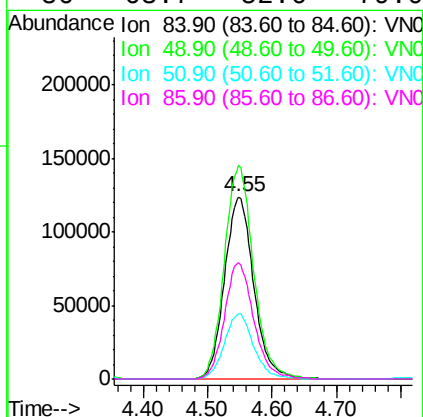
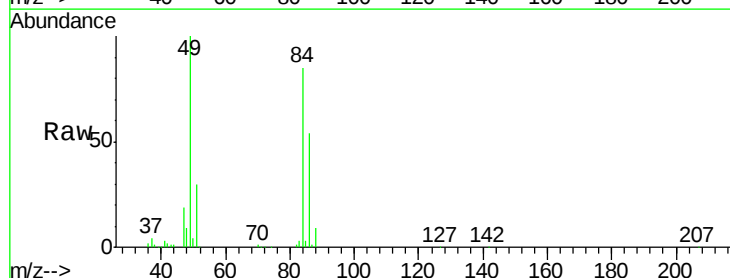
Instrument :
MSVOA_N
ClientSampleId :

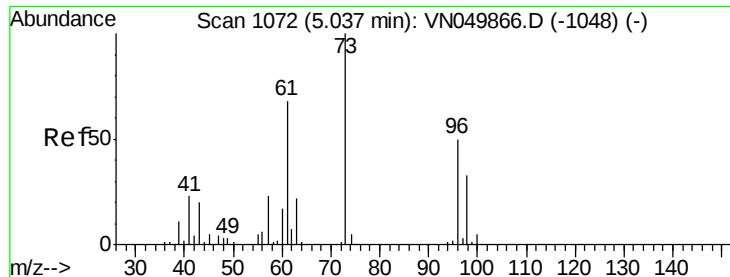
Tot Ion: 73 Resp: 996717
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1



#20
Methylene Chloride
Concen: 43.19 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 84 Resp: 392103
Ion Ratio Lower Upper
84 100
49 117.3 95.4 143.2
51 35.7 28.4 42.6
86 63.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 47.55 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :

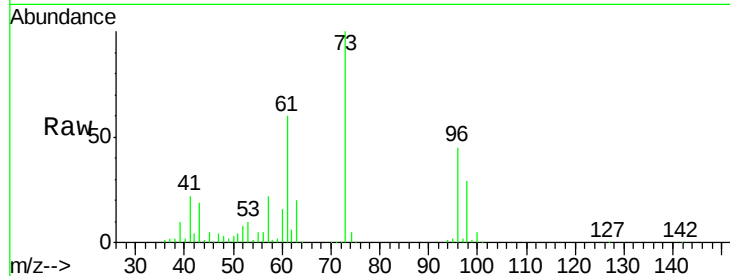
Tot Ion: 96 Resp: 367212

Ion Ratio Lower Upper

96 100

61 134.2 109.0 163.6

98 63.6 51.1 76.7

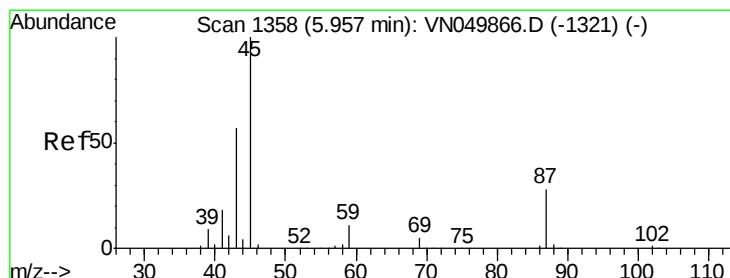
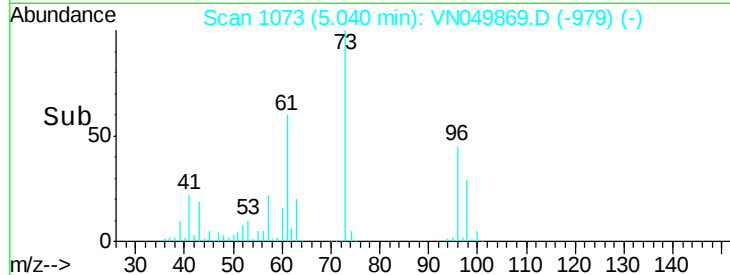
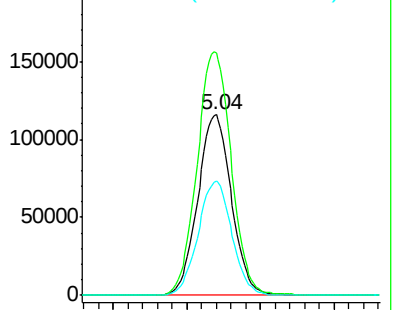


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 50.61 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Tgt Ion: 45 Resp: 1183991

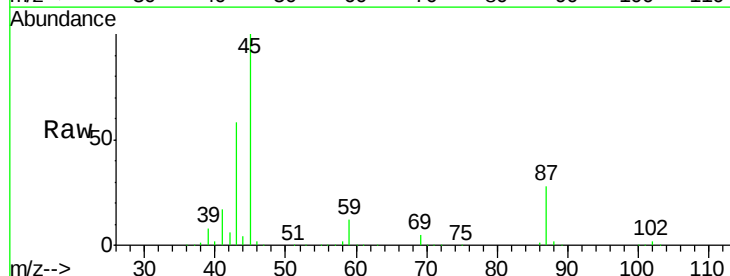
Ion Ratio Lower Upper

45 100

43 57.8 48.1 72.1

87 27.9 22.6 34.0

59 11.5 9.2 13.8



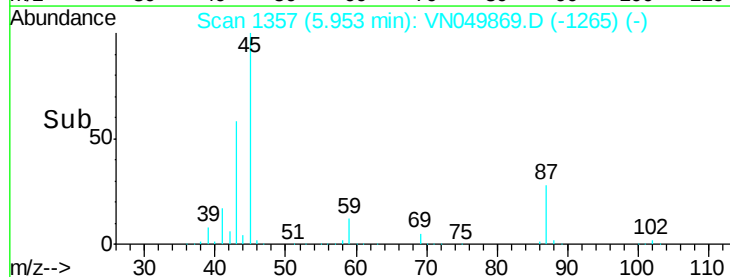
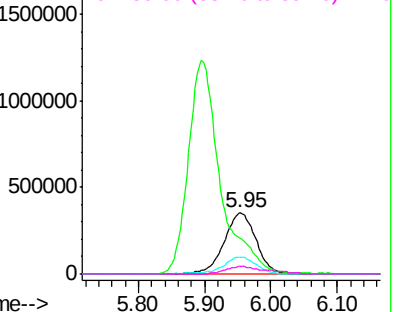
Abundance

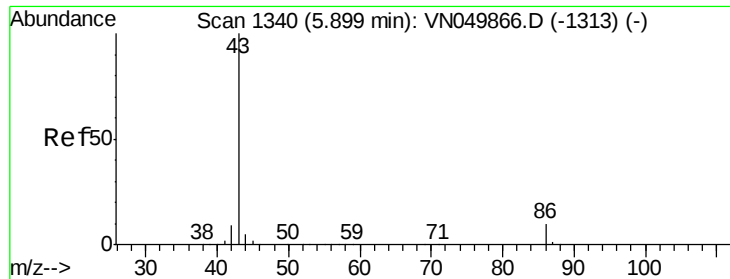
Ion 45.00 (44.70 to 45.70): VN0

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

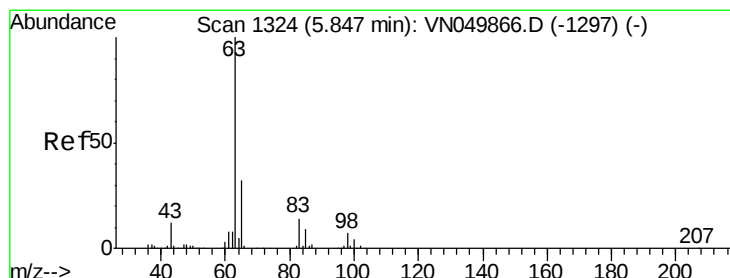
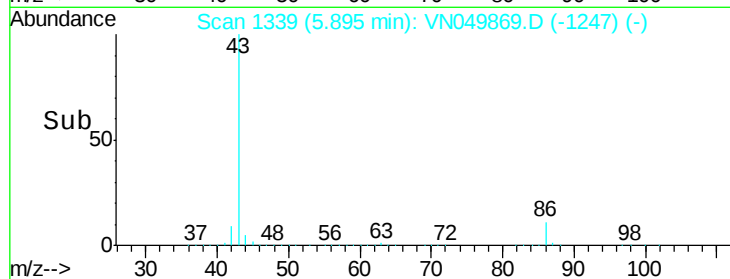
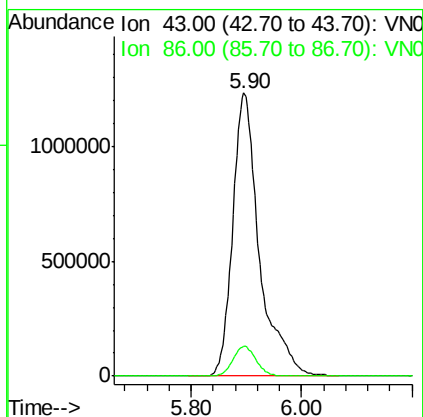
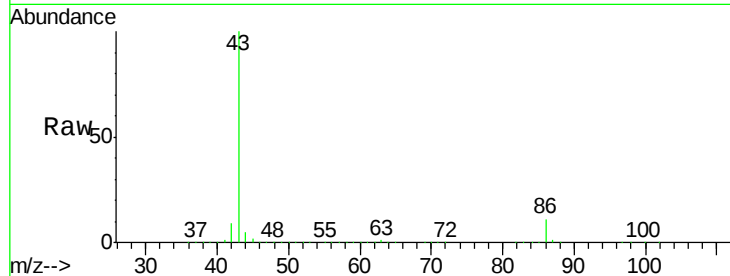




#23
 Vinyl Acetate
 Concen: 252.86 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

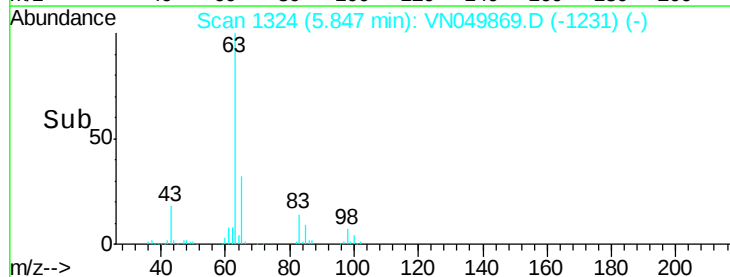
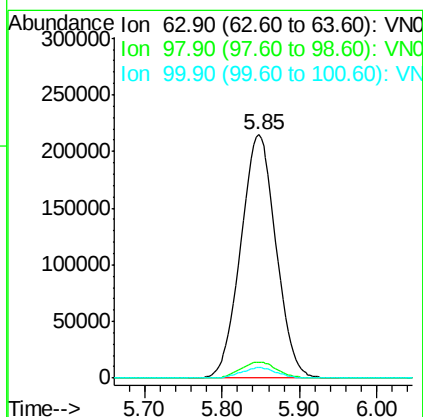
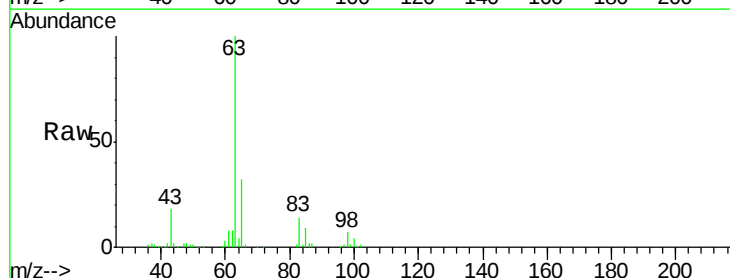
Instrument :
 MSVOA_N
 ClientSampled :

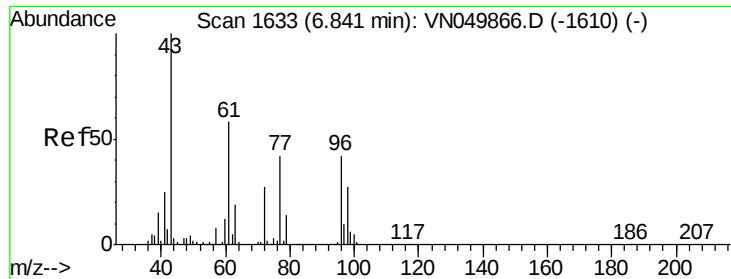
Tot Ion: 43 Resp: 4150879
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 45.44 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion: 63 Resp: 682515
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.2 2.2 6.6

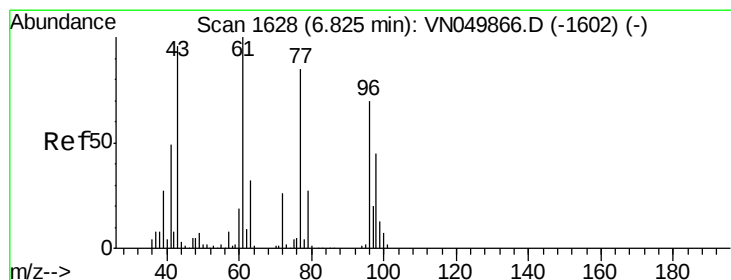
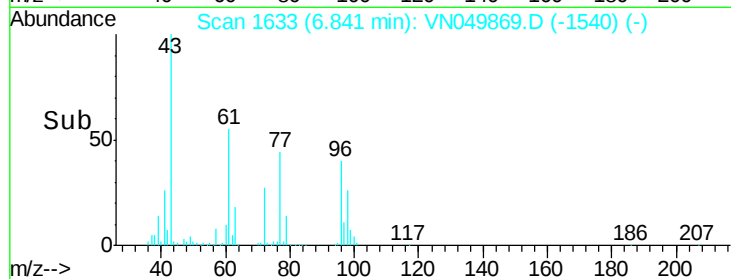
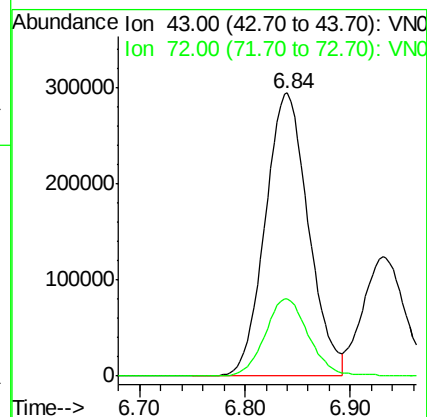
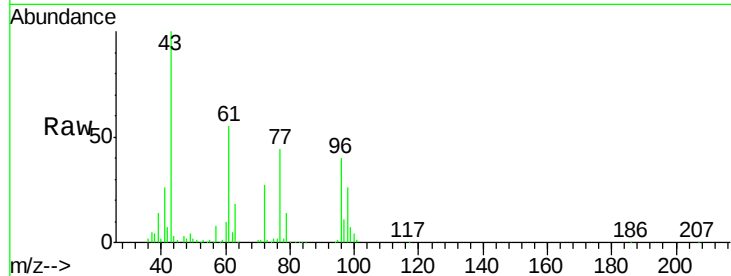




#25
2-Butanone
Concen: 244.59 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

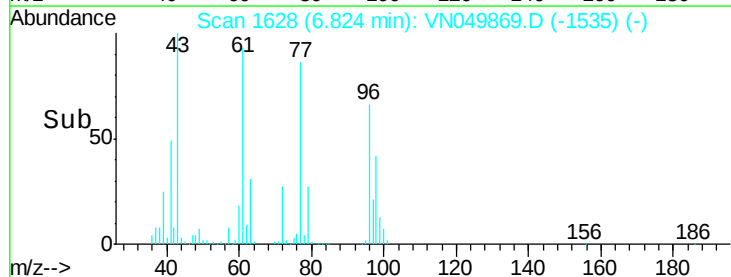
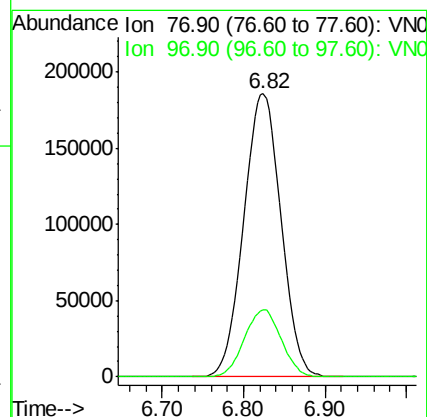
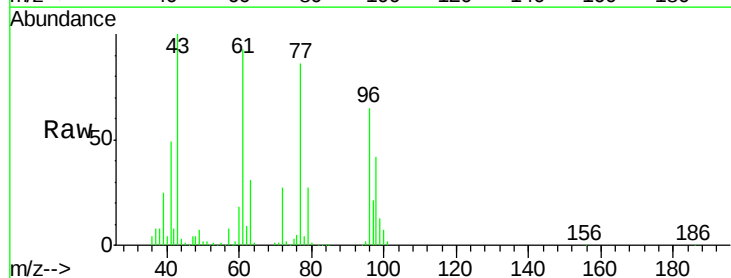
Instrument :
MSVOA_N
ClientSampled :

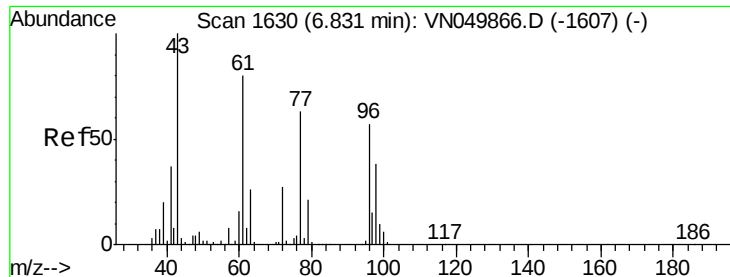
Tot Ion: 43 Resp: 834484
Ion Ratio Lower Upper
43 100
72 27.3 22.1 33.1



#26
2,2-Dichloropropane
Concen: 50.22 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 77 Resp: 586945
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.5

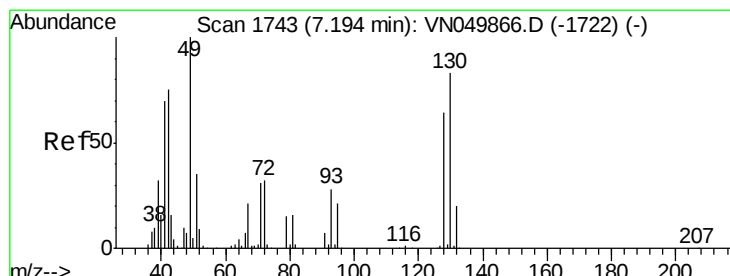
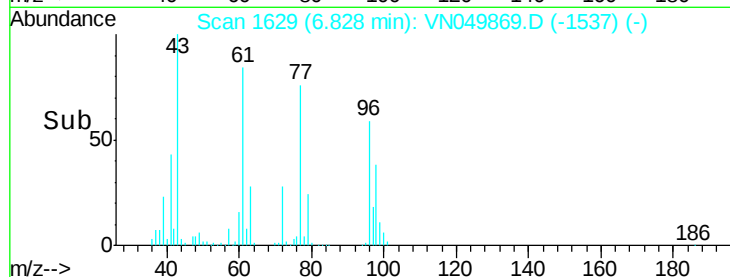
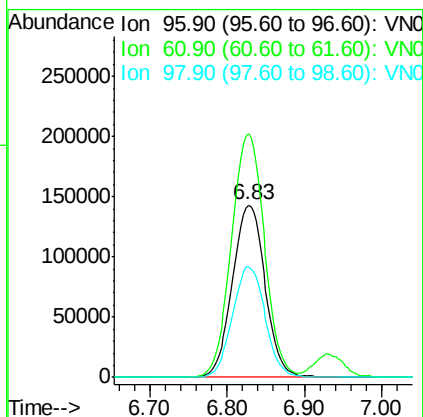
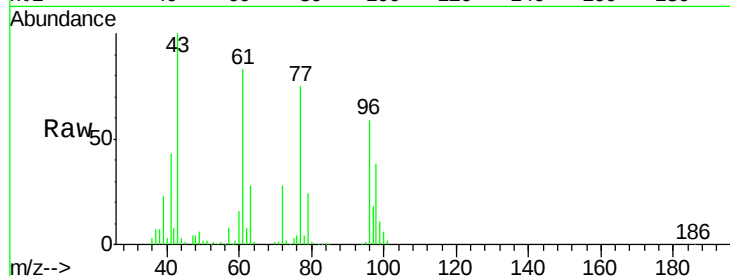




#27
 cis-1,2-Dichloroethene
 Concen: 49.47 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

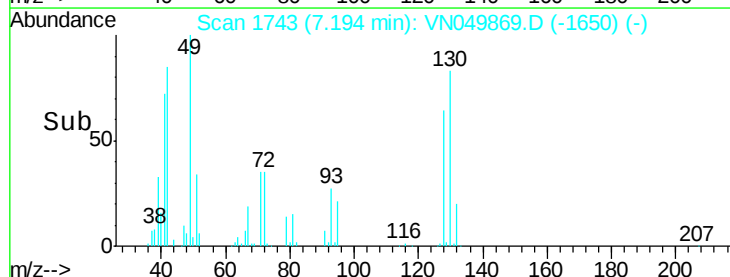
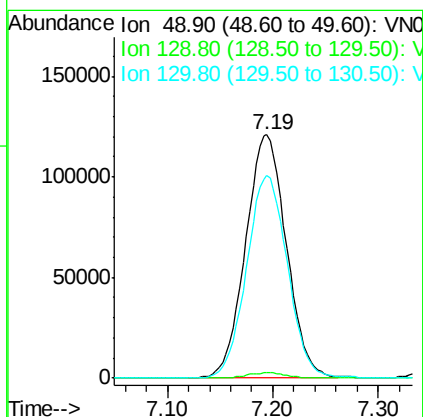
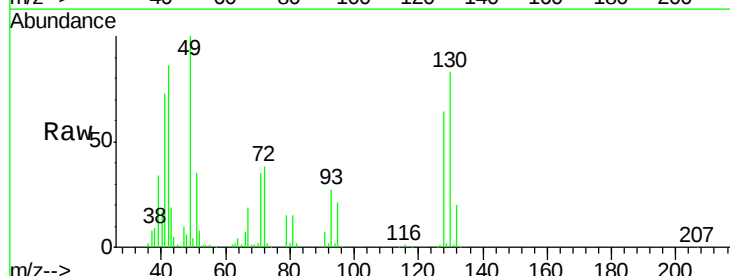
Instrument :
 MSVOA_N
 ClientSampleId :

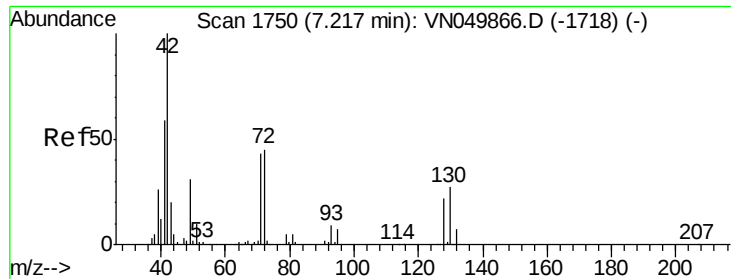
Tot Ion: 96 Resp: 419244
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 289.0
 98 64.4 0.0 130.2



#28
 Bromochloromethane
 Concen: 47.94 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion: 49 Resp: 325172
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 83.7 65.5 98.3

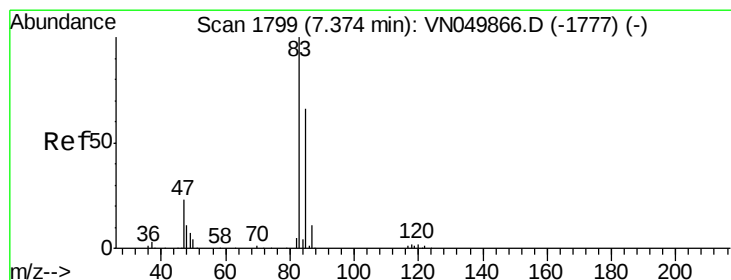
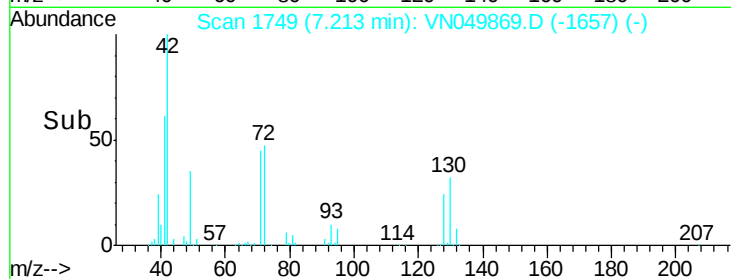
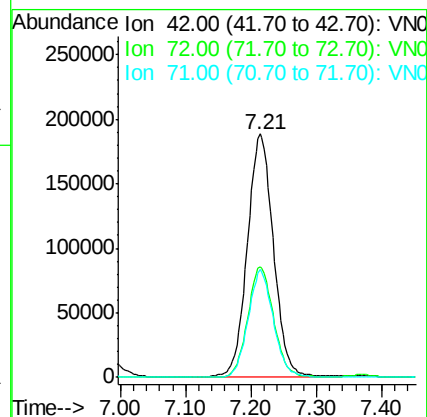
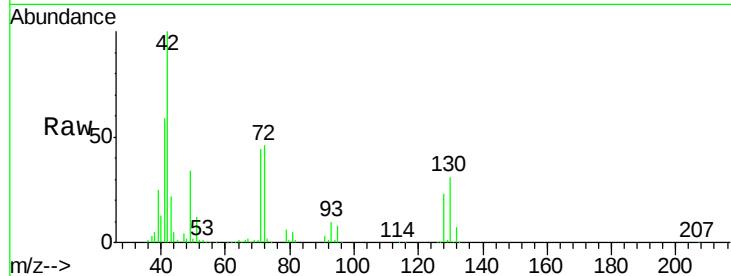




#29
Tetrahydrofuran
Concen: 243.98 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

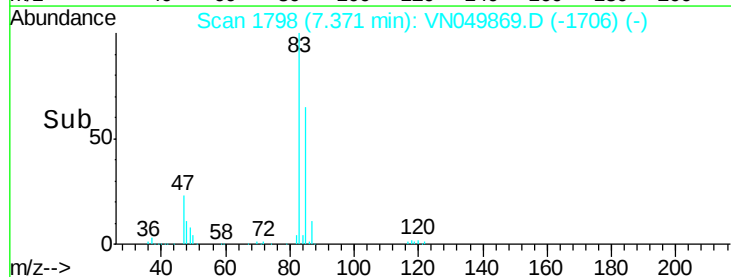
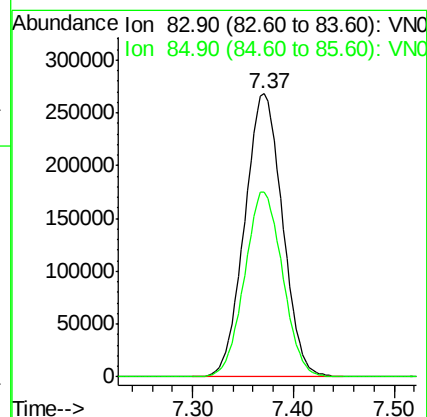
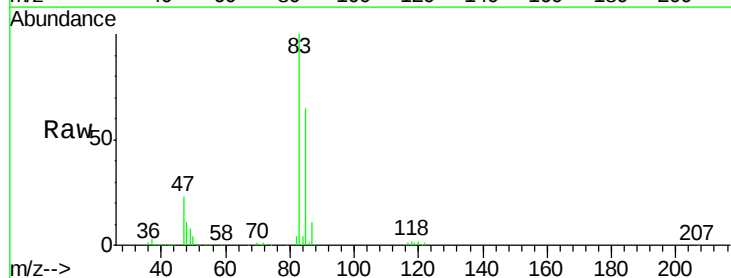
Instrument :
MSVOA_N
ClientSampled :

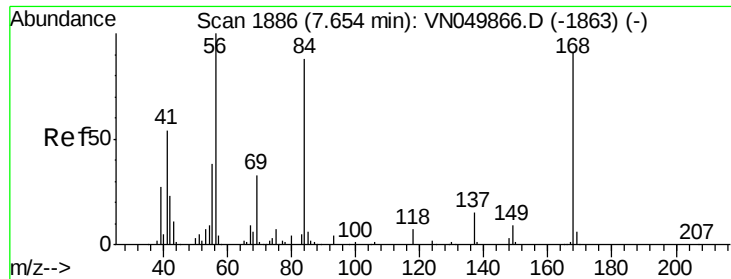
Tot Ion: 42 Resp: 524380
Ion Ratio Lower Upper
42 100
72 44.9 35.6 53.4
71 42.7 34.0 51.0



#30
Chloroform
Concen: 45.23 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 83 Resp: 697410
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.2

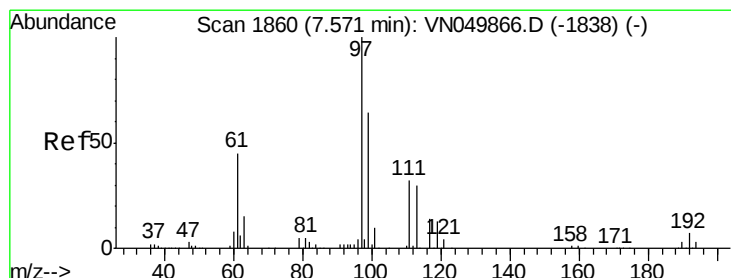
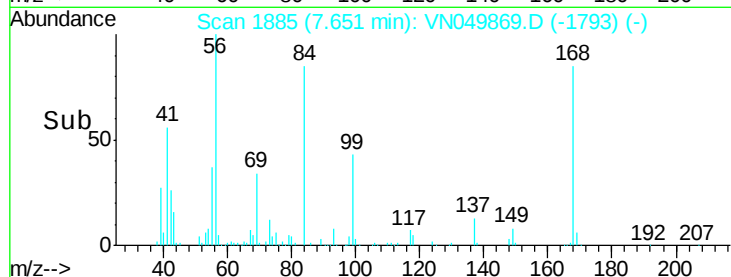
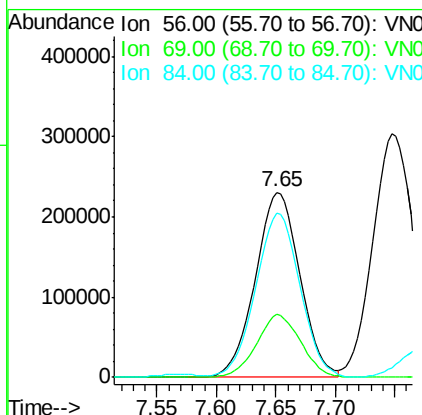
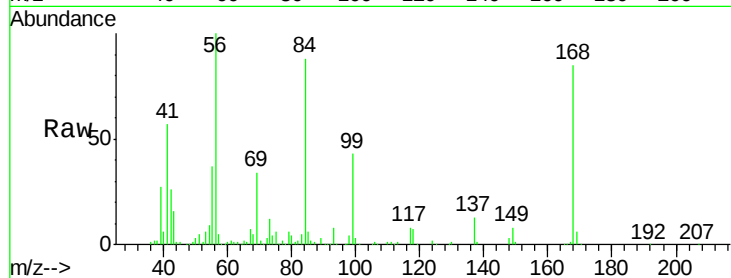




#31
Cyclohexane
Concen: 48.91 ug/l
RT: 7.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

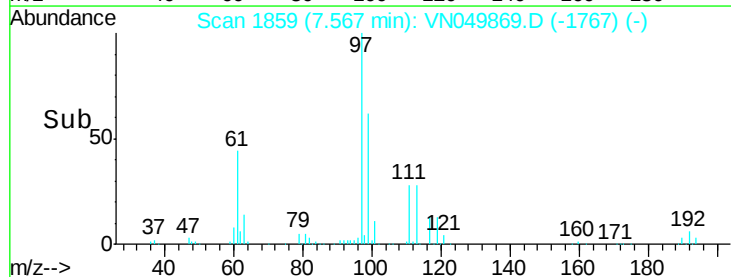
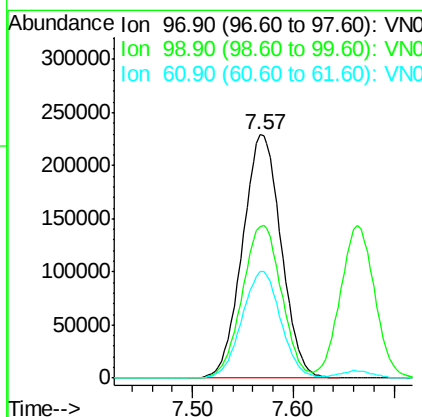
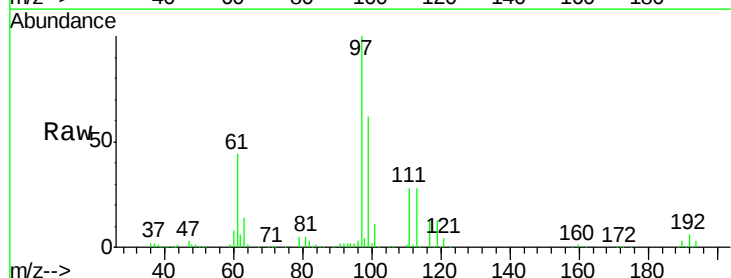
Instrument :
MSVOA_N
ClientSampled :

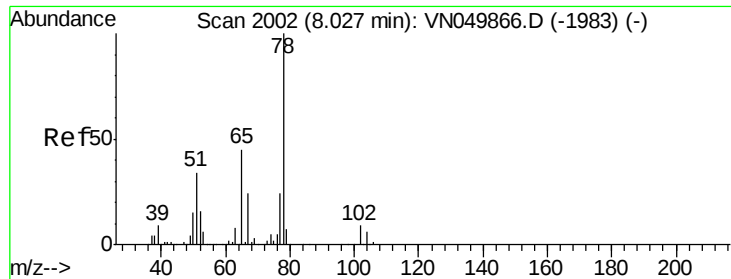
Tot Ion: 56 Resp: 597901
Ion Ratio Lower Upper
56 100
69 33.9 26.6 40.0
84 86.9 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 45.68 ug/l
RT: 7.57 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 97 Resp: 608784
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 44.1 35.5 53.3

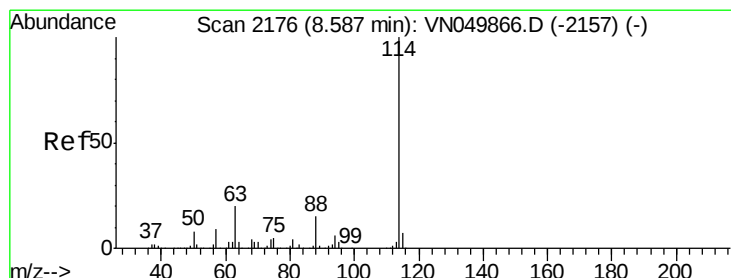
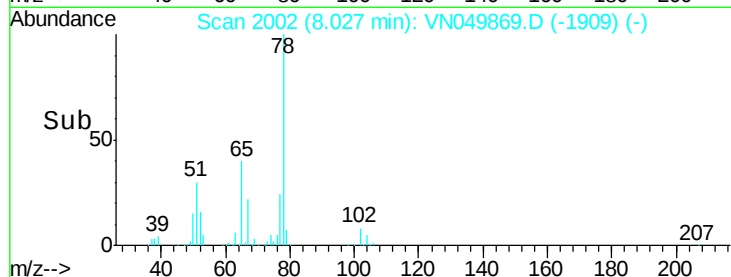
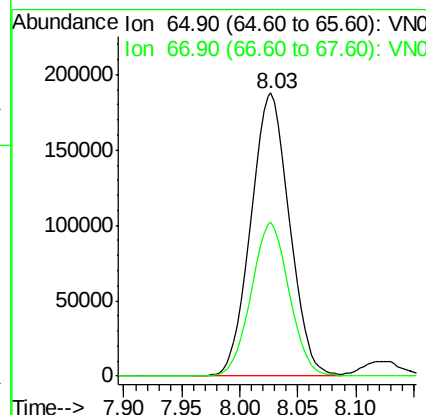
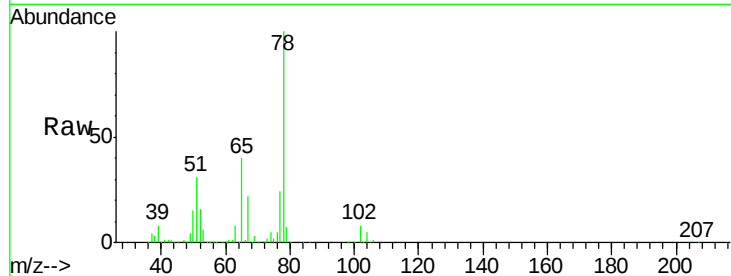




#33
 1,2-Dichloroethane-d4
 Concen: 47.35 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

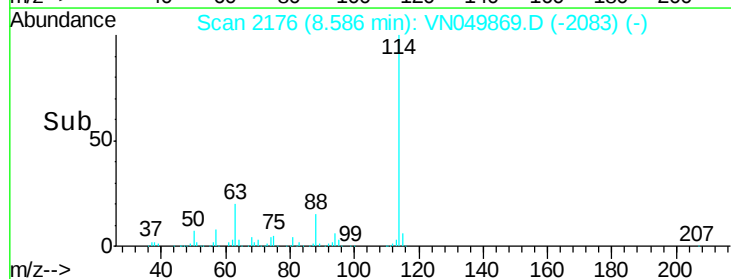
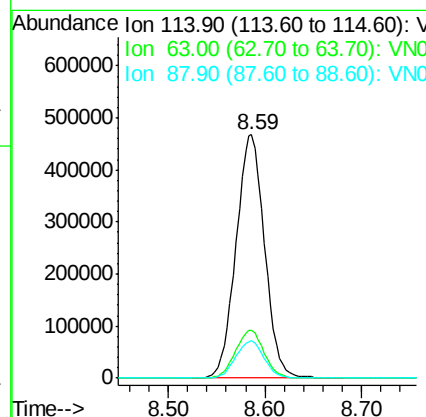
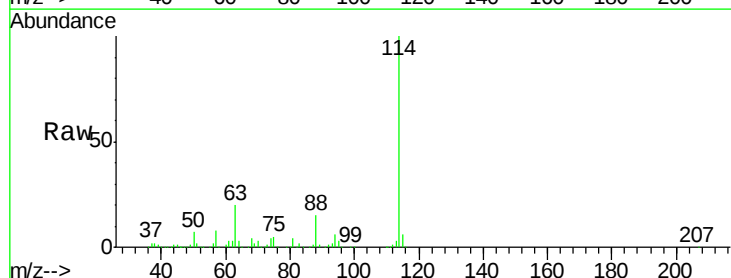
Instrument :
 MSVOA_N
 ClientSampleId :

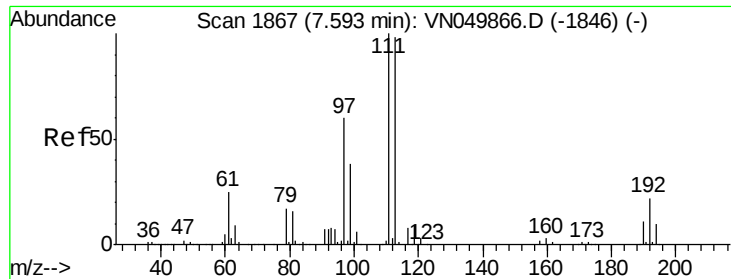
Tot Ion: 65 Resp: 436572
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion: 114 Resp: 958086
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.39 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :
MSVOA_N
ClientSampled :

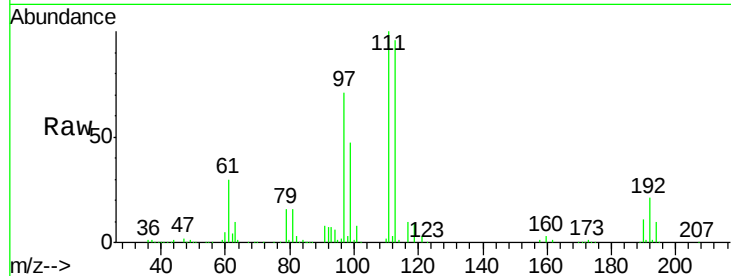
Tot Ion:113 Resp: 389244

Ion Ratio Lower Upper

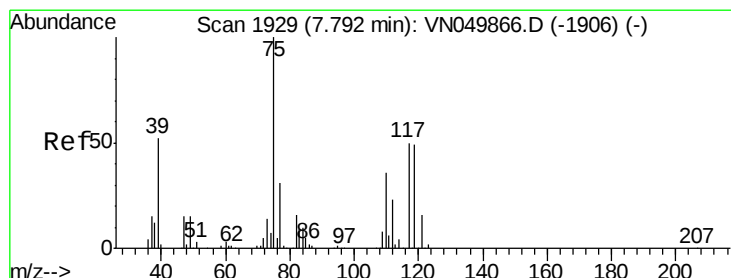
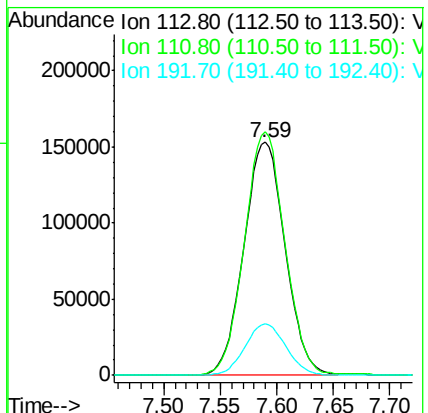
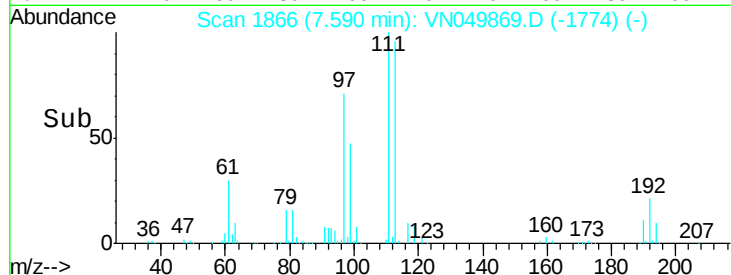
113 100

111 102.8 81.8 122.8

192 22.1 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.67 ug/l

RT: 7.79 min Scan# 1928

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

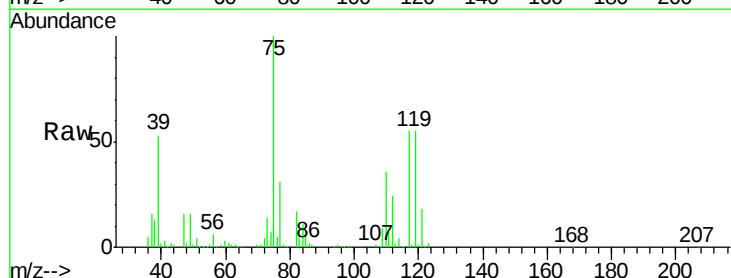
Tgt Ion: 75 Resp: 529147

Ion Ratio Lower Upper

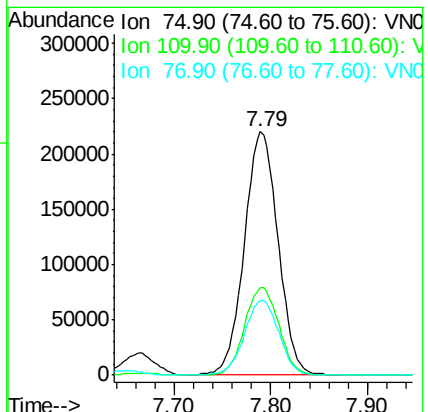
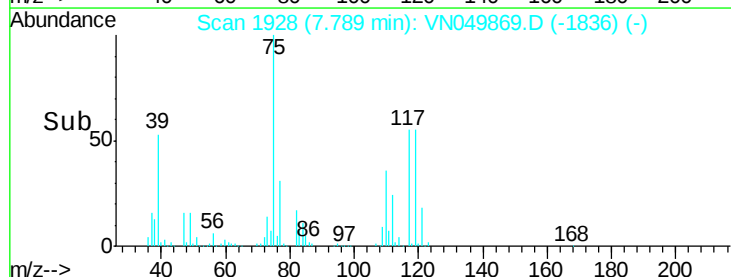
75 100

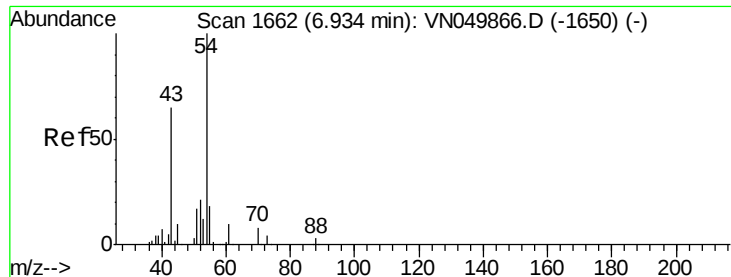
110 36.8 18.1 54.4

77 31.6 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

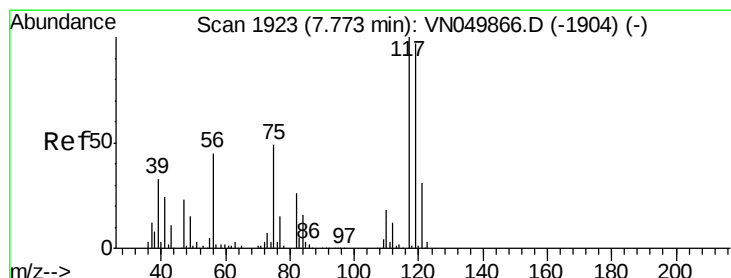
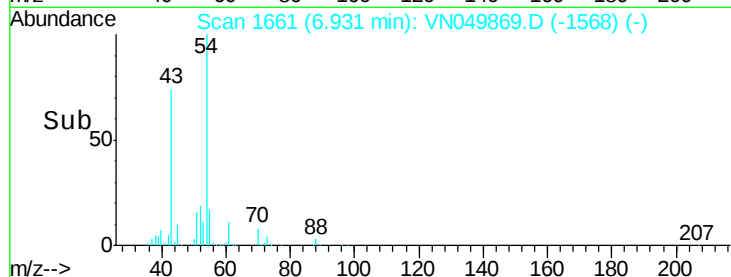
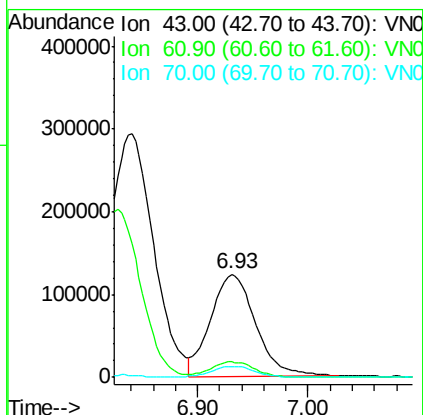
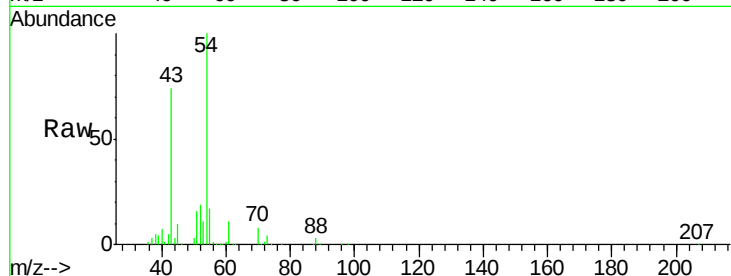




#37
Ethyl Acetate
Concen: 47.41 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

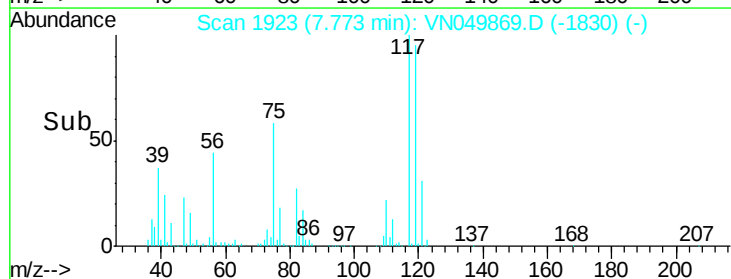
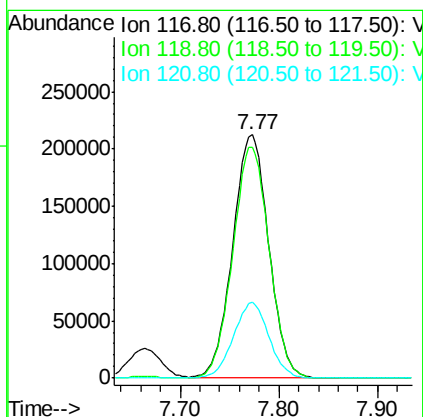
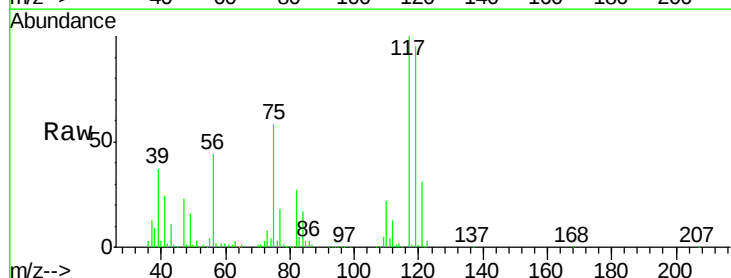
Instrument :
MSVOA_N
ClientSampleId :

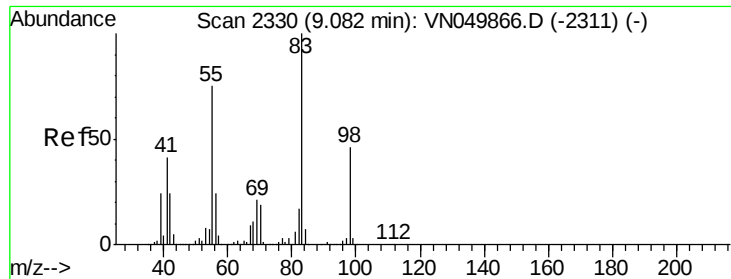
Tot Ion: 43 Resp: 346782
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 11.0 8.4 12.6



#38
Carbon Tetrachloride
Concen: 47.08 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 117 Resp: 537261
Ion Ratio Lower Upper
117 100
119 94.8 77.2 115.8
121 31.1 25.0 37.6

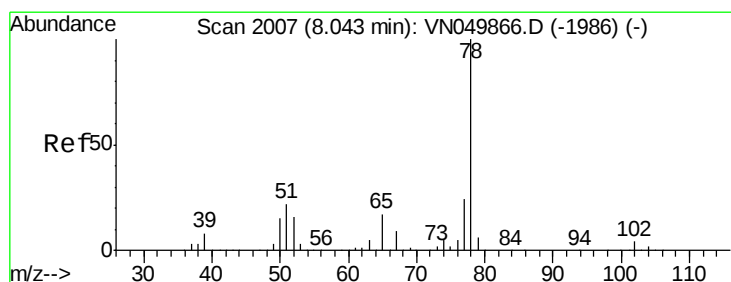
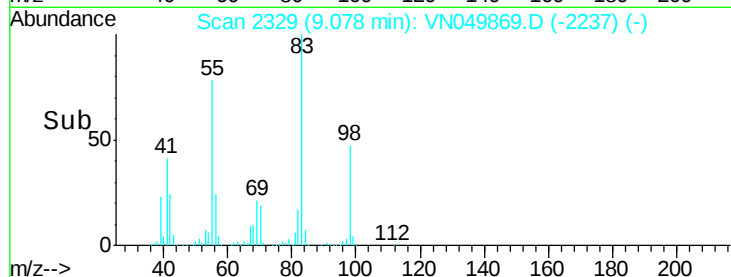
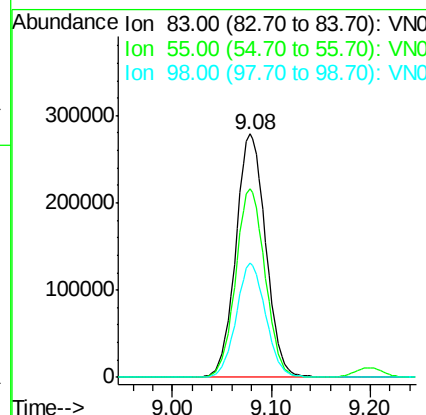
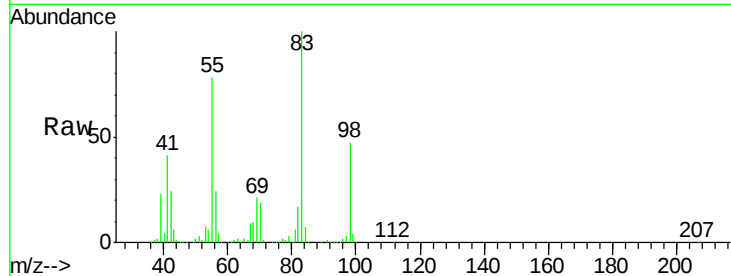




#39
Methvlcvclohexane
Concen: 53.31 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

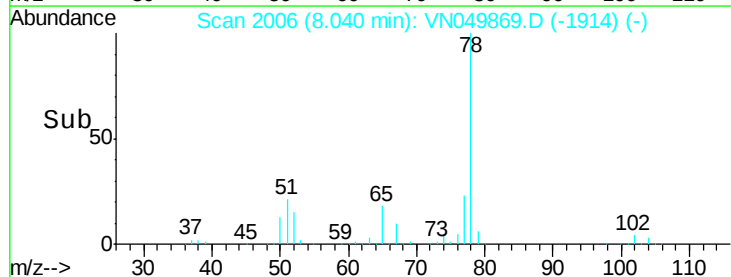
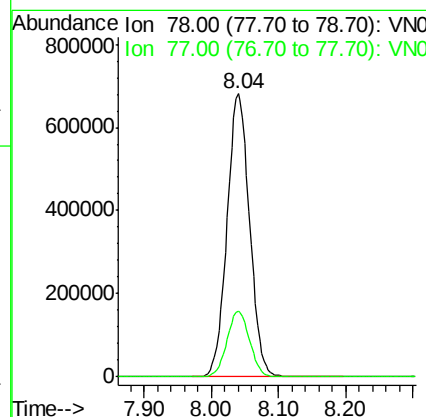
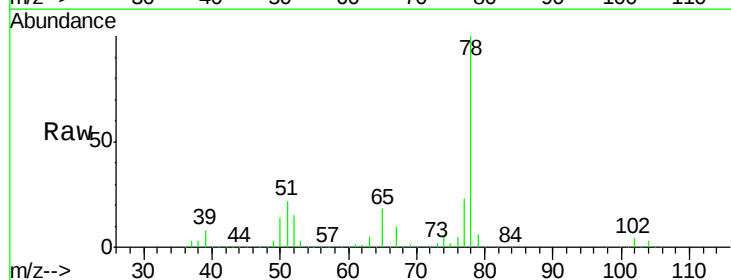
Instrument :
MSVOA_N
ClientSampled :

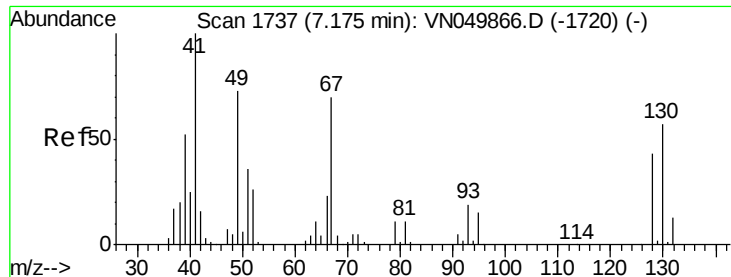
Tot Ion: 83 Resp: 586673
Ion Ratio Lower Upper
83 100
55 77.7 59.7 89.5
98 46.9 36.5 54.7



#40
Benzene
Concen: 48.86 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 78 Resp: 1586415
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4

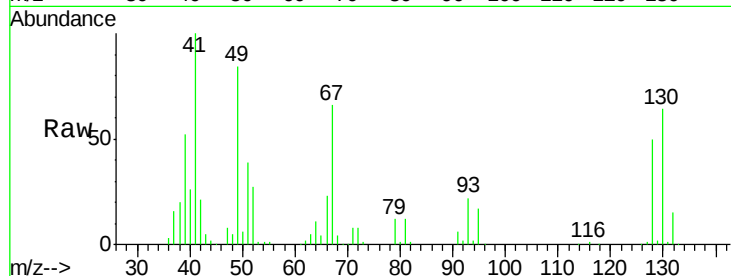




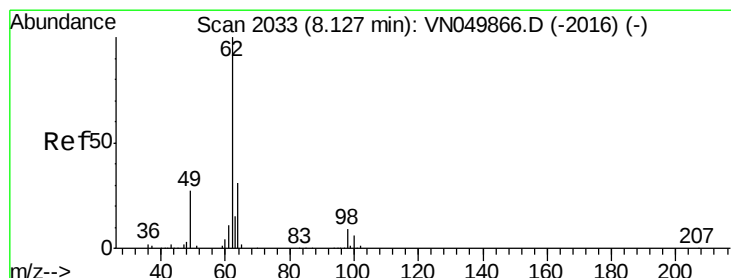
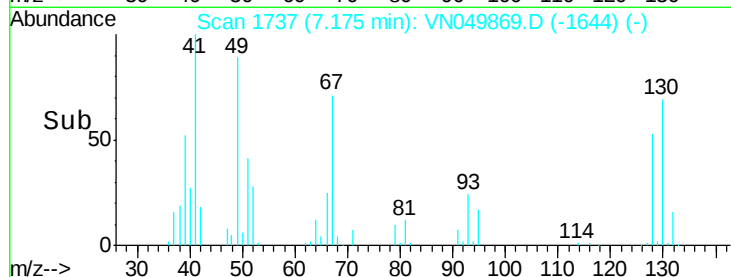
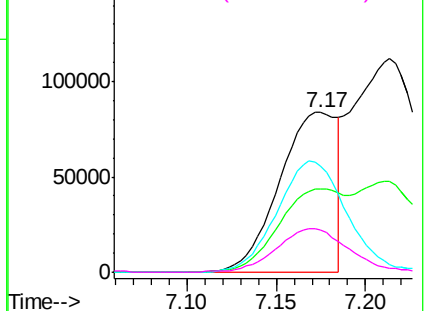
#41
Methacrylonitrile
Concen: 51.10 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 187387
Ion Ratio Lower Upper
41 100
39 60.8 45.4 68.2
67 85.1 65.4 98.0
52 33.5 24.7 37.1

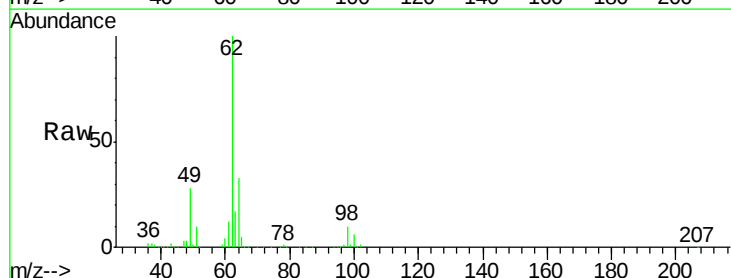


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

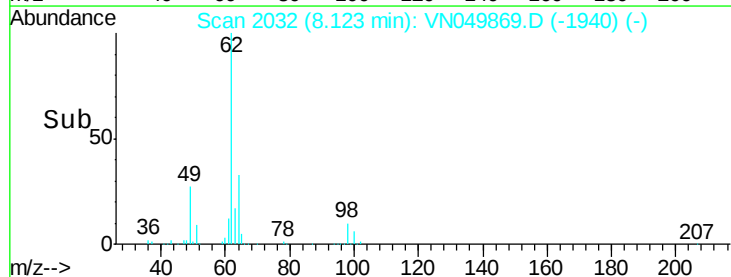
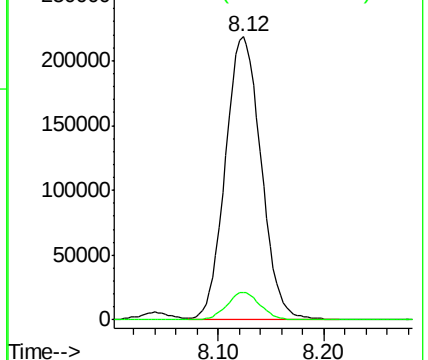


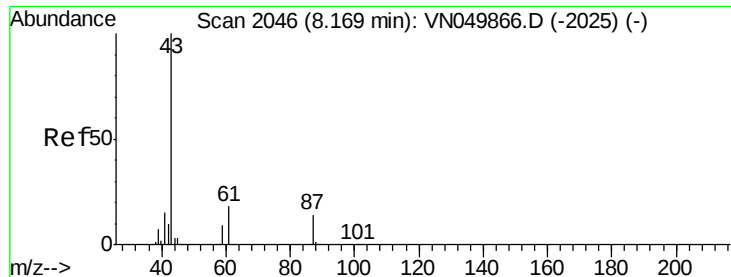
#42
1,2-Dichloroethane
Concen: 47.52 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 62 Resp: 510987
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.0



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



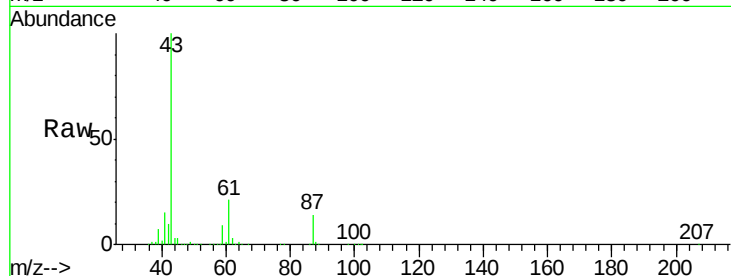


#43

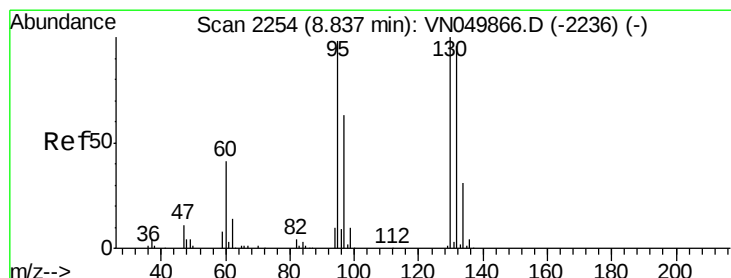
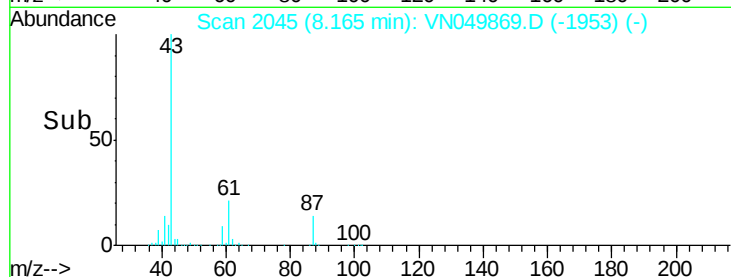
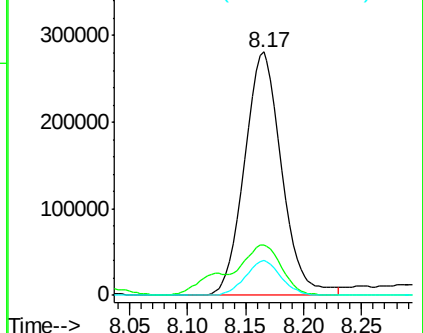
Isopropyl Acetate
 Concen: 49.09 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 627406
 Ion Ratio Lower Upper
 43 100
 61 20.6 14.9 22.3
 87 13.8 10.0 15.0



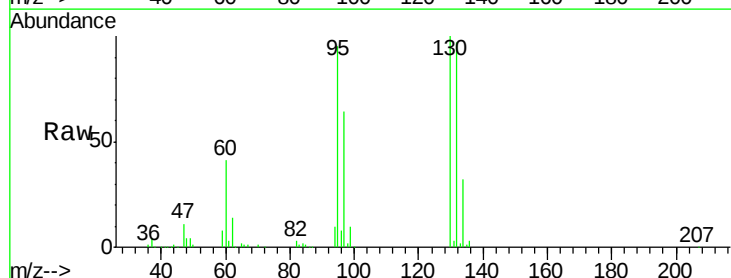
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



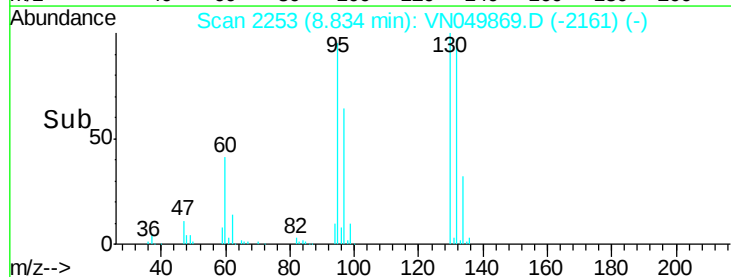
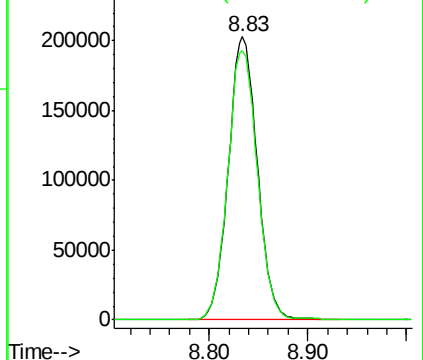
#44

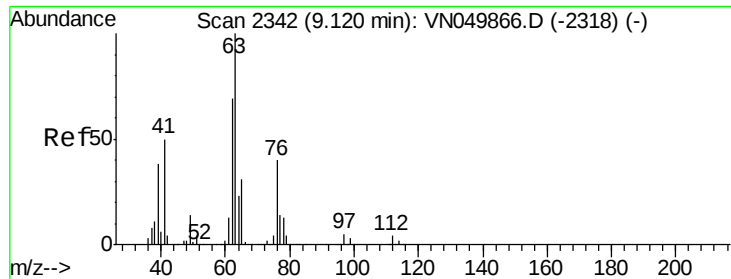
Trichloroethene
 Concen: 48.88 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion:130 Resp: 416175
 Ion Ratio Lower Upper
 130 100
 95 95.3 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 47.63 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

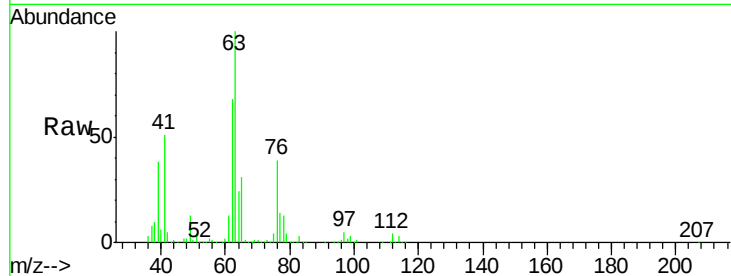
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 417204

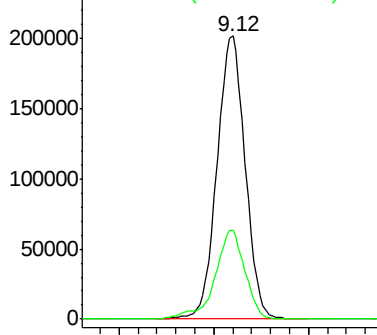
Ion Ratio Lower Upper

63 100

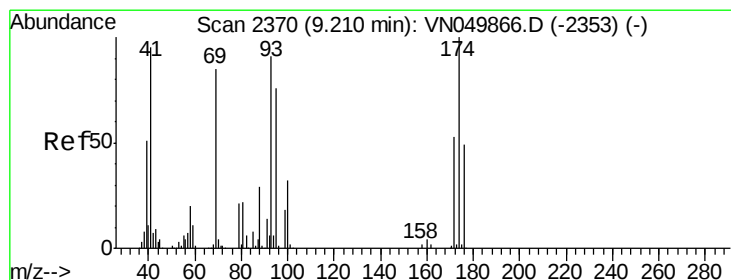
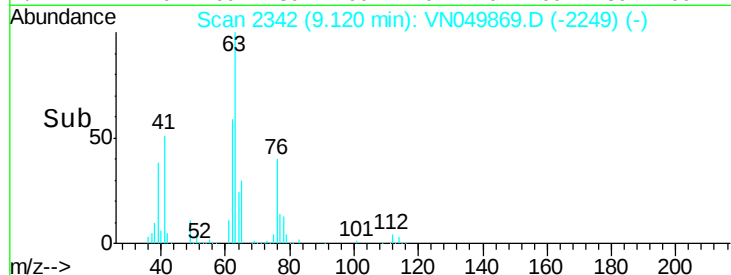
65 31.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0



Time-->



#46

Dibromomethane

Concen: 47.15 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

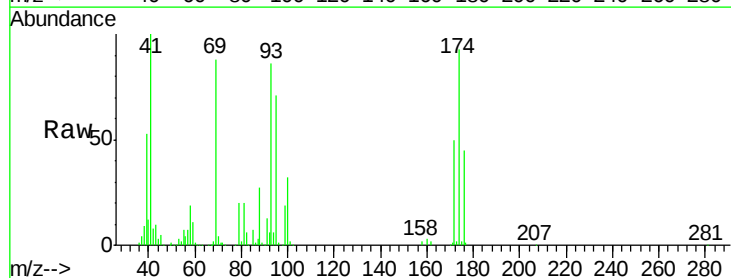
Tgt Ion: 93 Resp: 256114

Ion Ratio Lower Upper

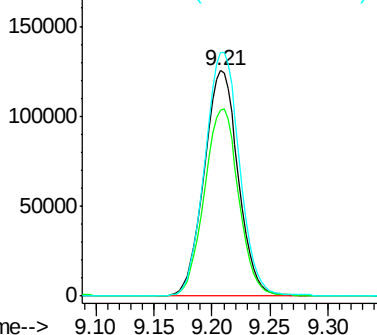
93 100

95 83.7 67.9 101.9

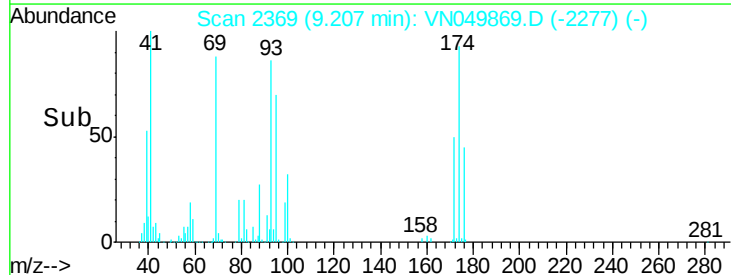
174 110.4 89.4 134.0

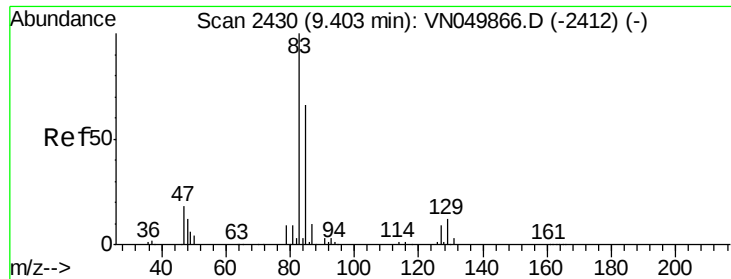


Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V



Time-->

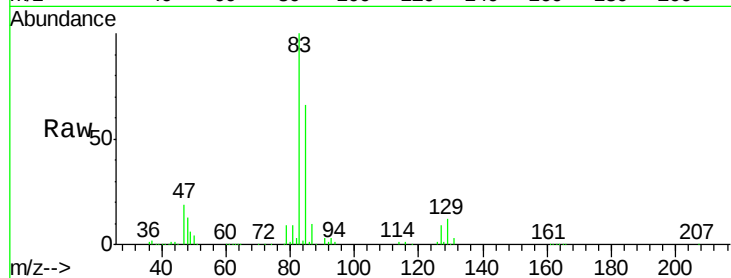




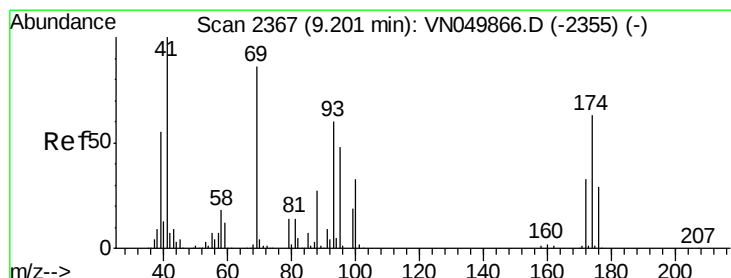
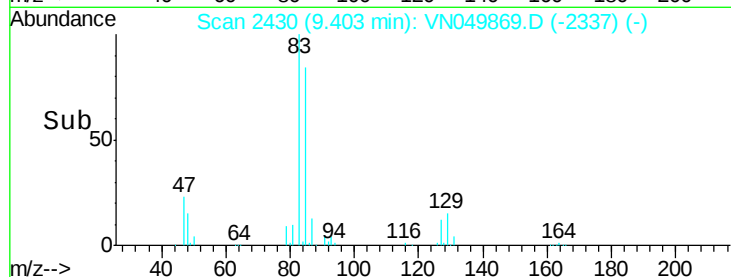
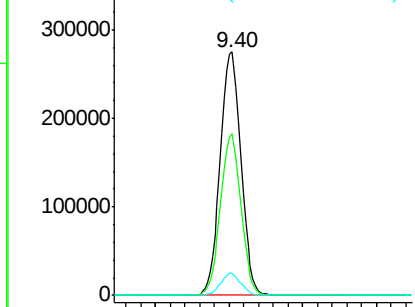
#47
Bromodichloromethane
Concen: 48.23 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 541819
Ion Ratio Lower Upper
83 100
85 66.3 50.5 75.7
127 9.1 6.8 10.2

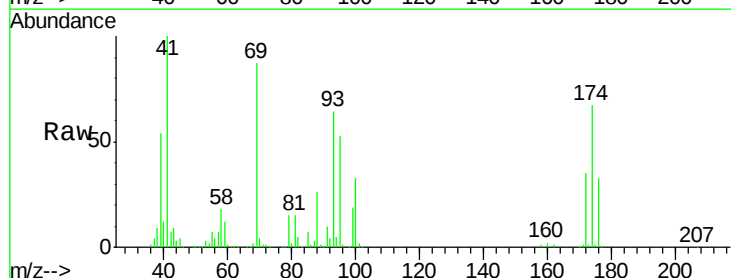


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

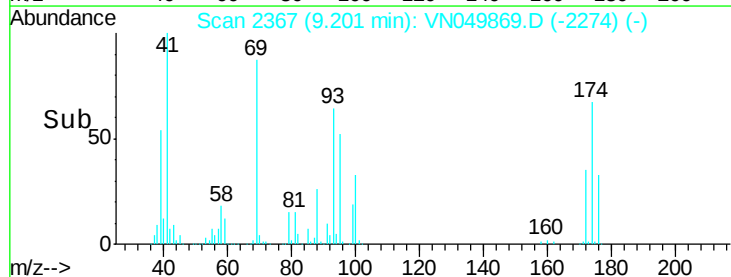
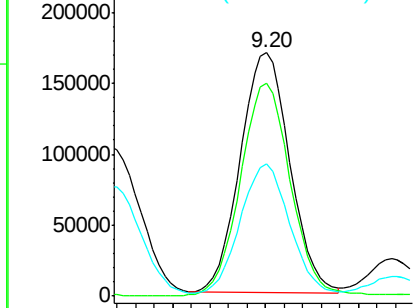


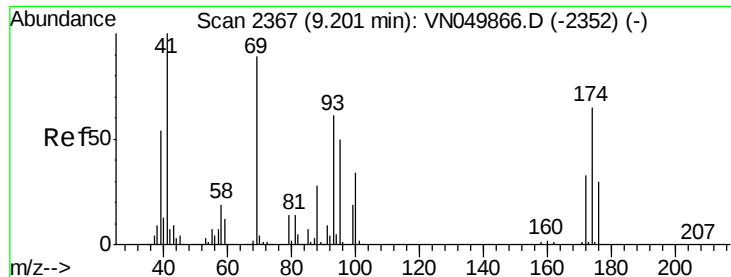
#48
Methyl methacrylate
Concen: 49.07 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 41 Resp: 314593
Ion Ratio Lower Upper
41 100
69 89.8 71.5 107.3
39 55.9 44.7 67.1



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

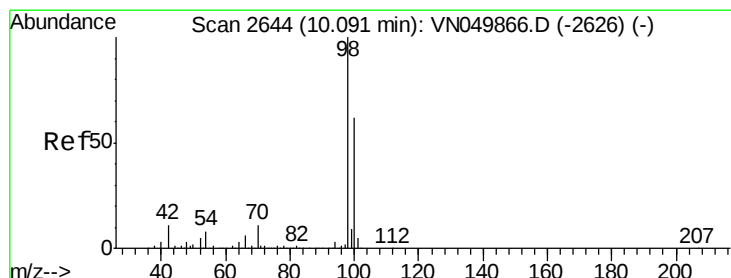
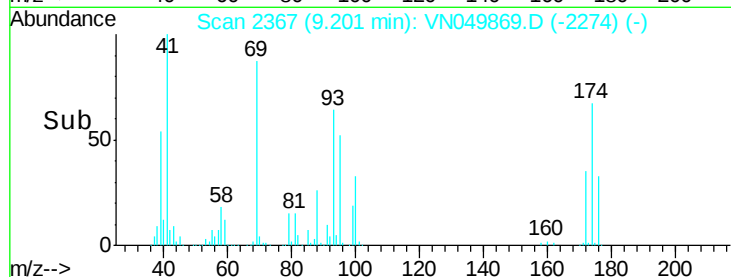
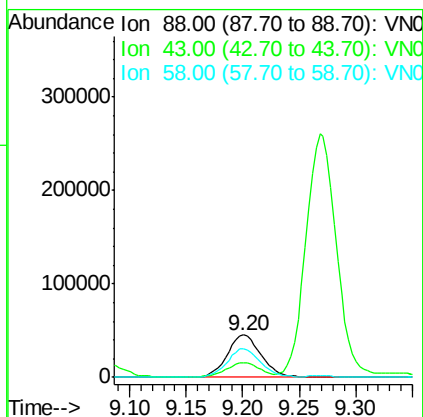
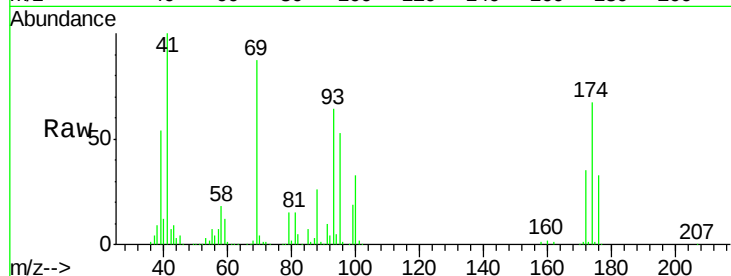




#49
1,4-Dioxane
Concen: 1042.96 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

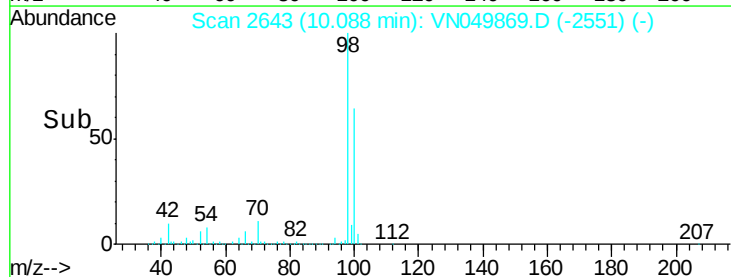
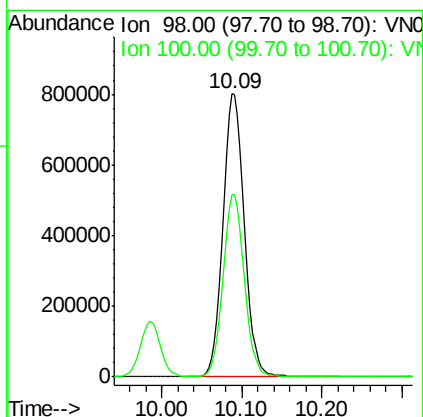
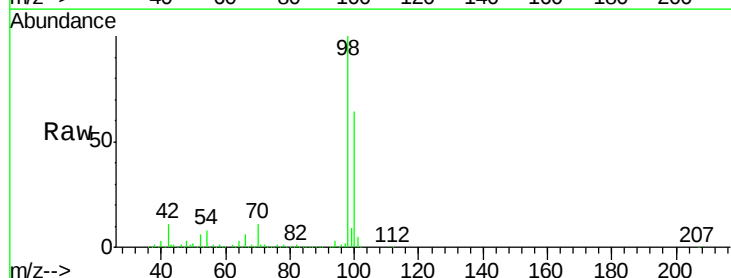
Instrument :
MSVOA_N
ClientSampled :

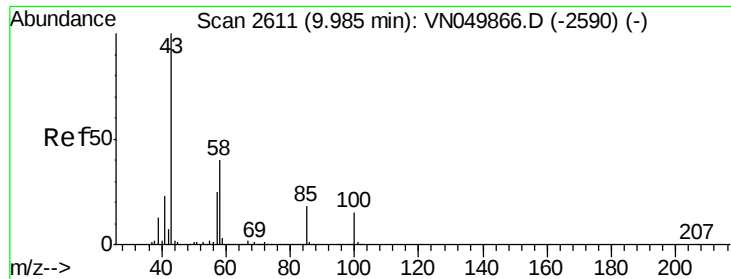
Tot Ion: 88 Resp: 94849
Ion Ratio Lower Upper
88 100
43 33.0 25.1 37.7
58 67.5 52.5 78.7



#50
Toluene-d8
Concen: 50.53 ug/l
RT: 10.09 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 98 Resp: 1480727
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

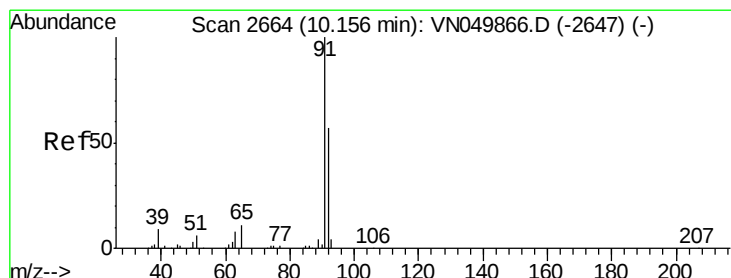
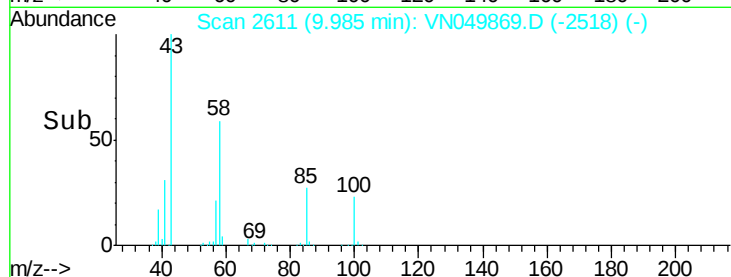
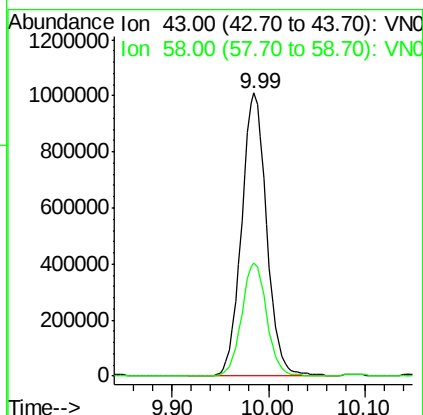
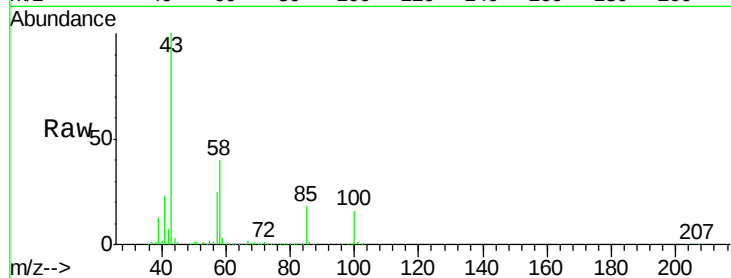




#51
 4-Methyl-2-Pentanone
 Concen: 254.27 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

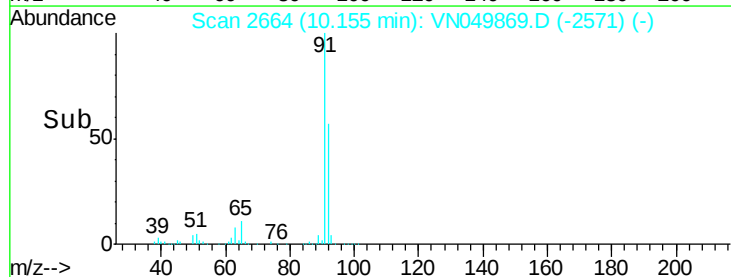
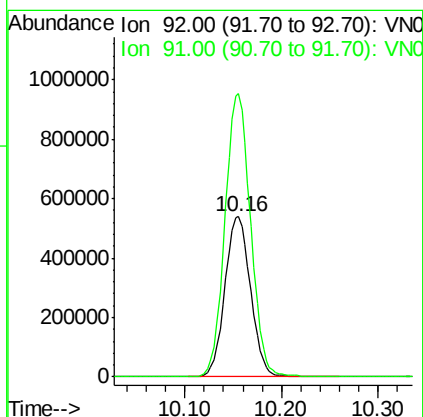
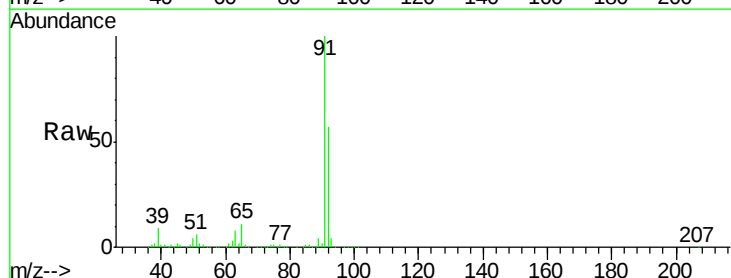
Instrument :
 MSVOA_N
 ClientSampled :

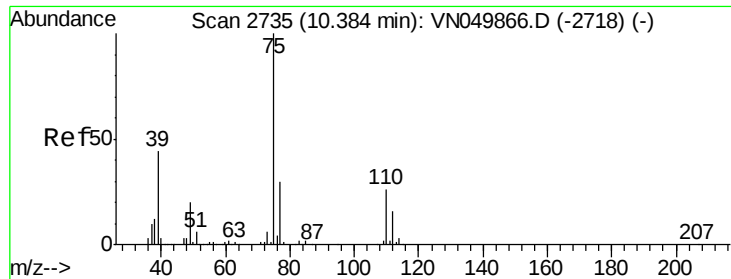
Tot Ion: 43 Resp: 1816512
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.8 47.8



#52
 Toluene
 Concen: 51.26 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion: 92 Resp: 992827
 Ion Ratio Lower Upper
 92 100
 91 176.5 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 52.23 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

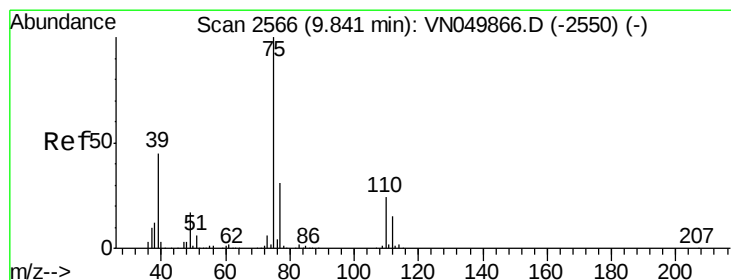
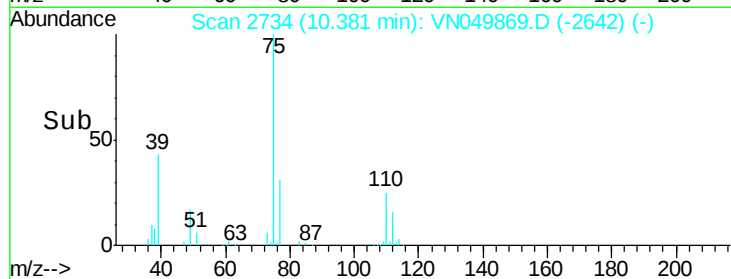
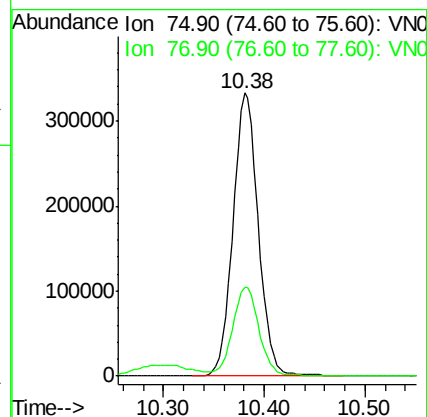
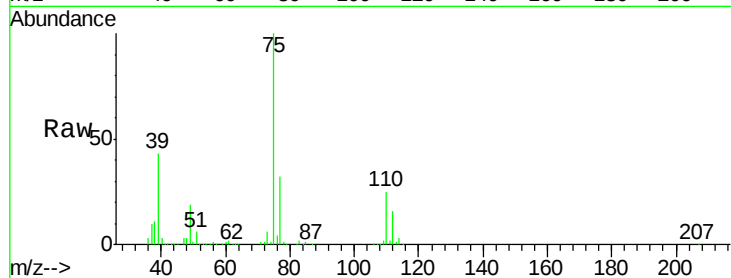
ClientSampleId :

Tot Ion: 75 Resp: 580119

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.10 ug/l

RT: 9.84 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

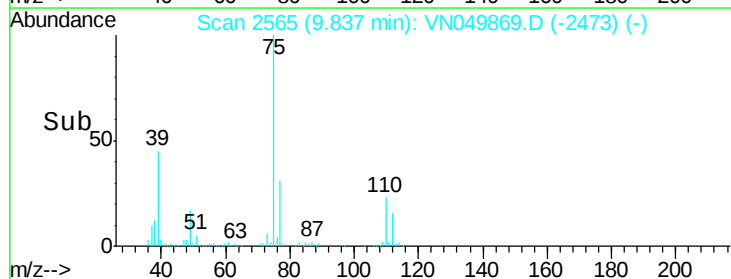
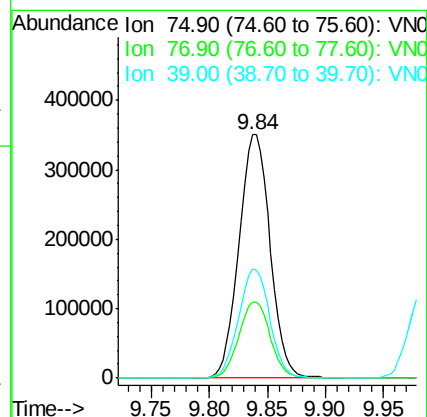
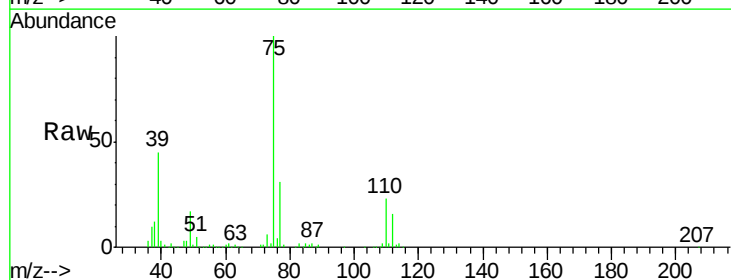
Tgt Ion: 75 Resp: 651946

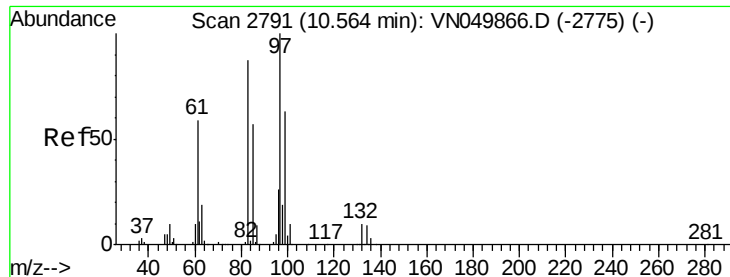
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 44.6 35.5 53.3

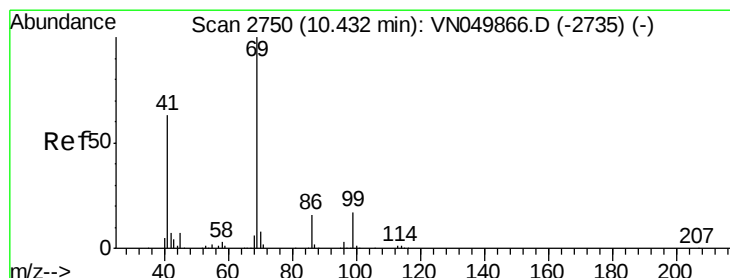
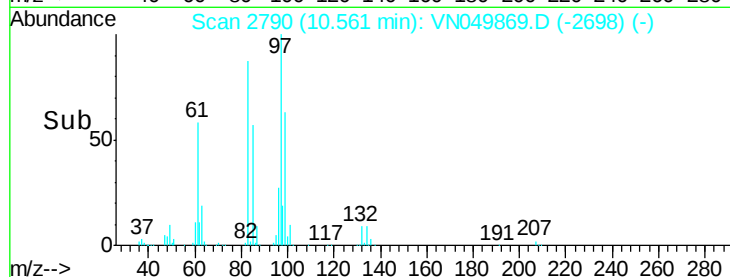
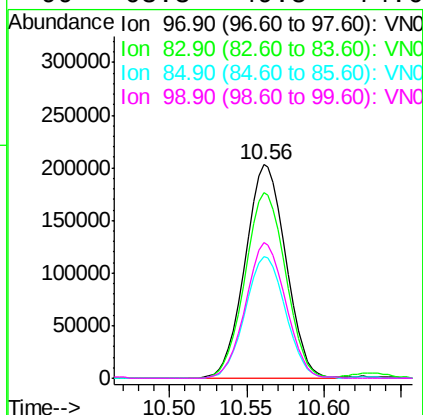
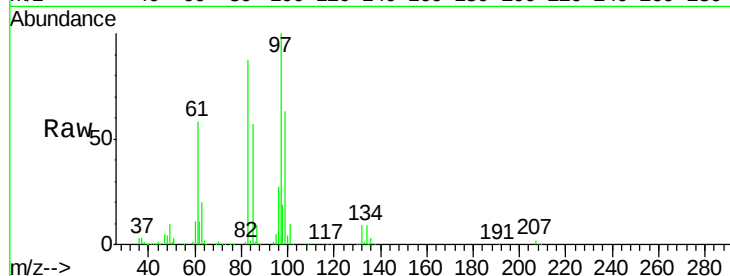




#55
 1,1,2-Trichloroethane
 Concen: 46.56 ug/l
 RT: 10.56 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

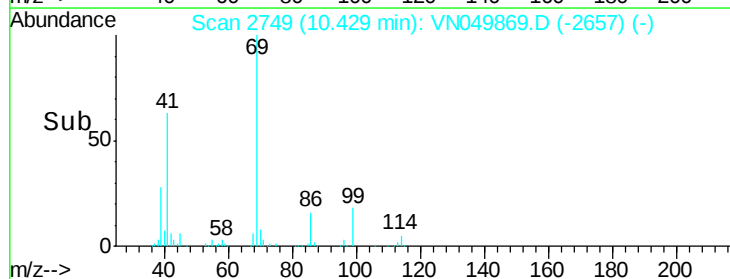
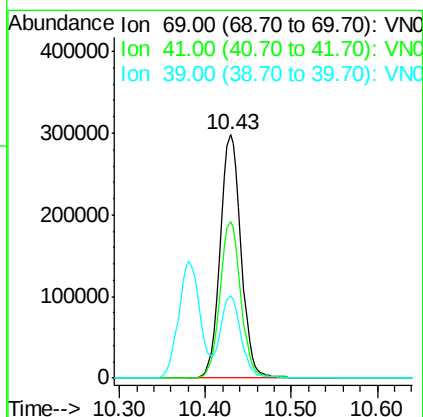
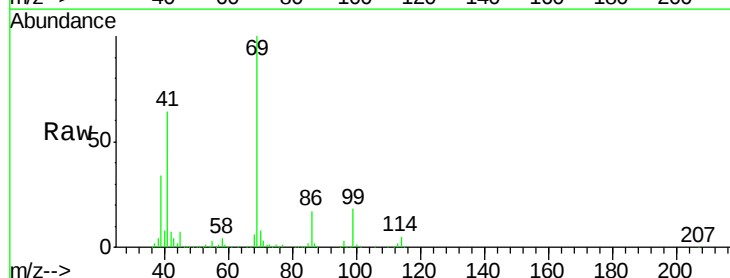
Instrument :
 MSVOA_N
 ClientSampled :

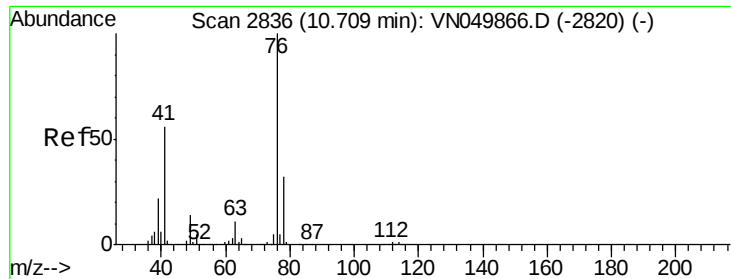
Tot Ion:	97	Resp:	372566
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.0	103.6
85	57.1	44.9	67.3
99	63.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 46.92 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion:	69	Resp:	502639
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.6	77.4
39	33.4	25.8	38.8





#57

1,3-Dichloropropane

Concen: 49.50 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

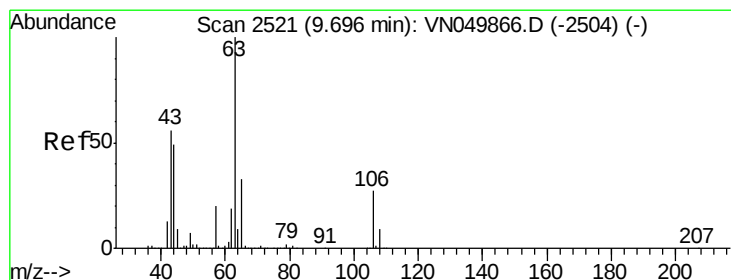
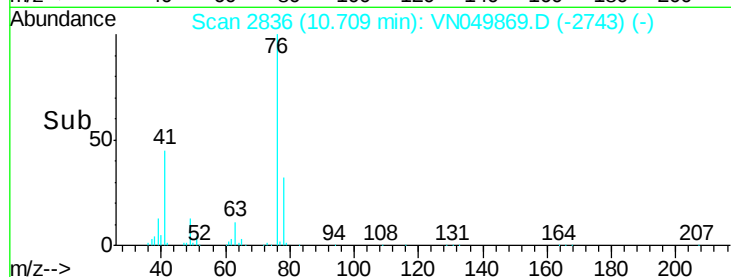
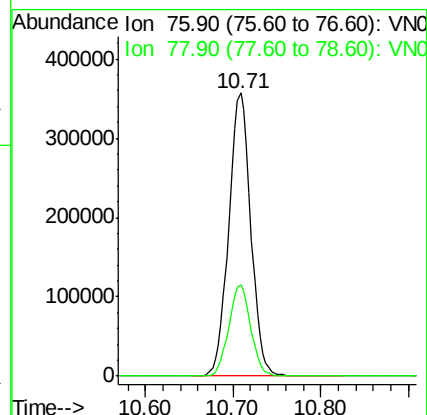
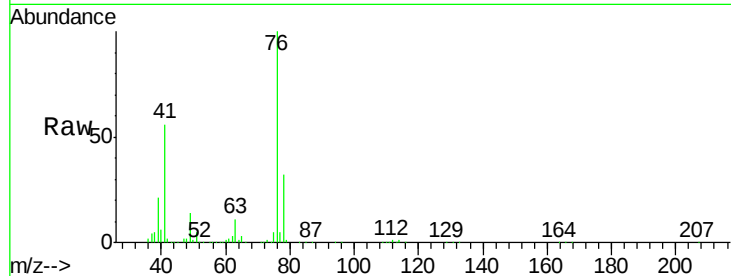
ClientSampled :

Tot Ion: 76 Resp: 623741

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 295.90 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049869.D

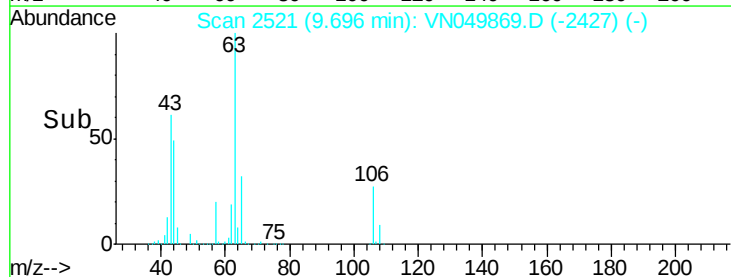
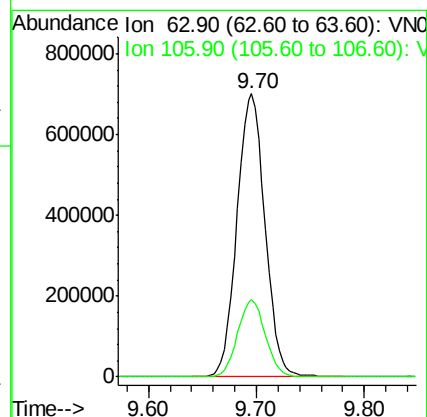
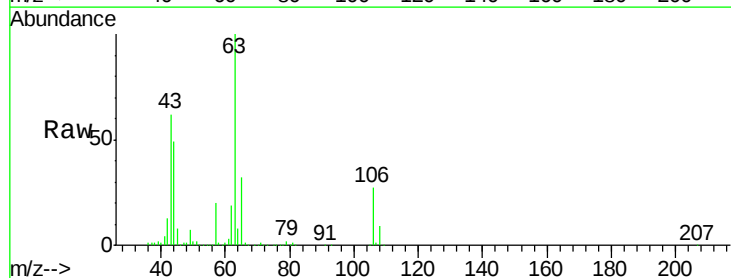
Acq: 18 Jul 2018 13:23

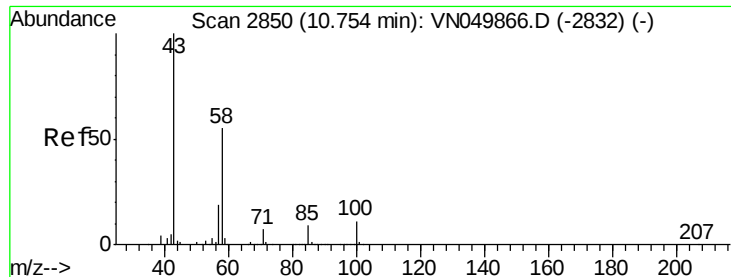
Tgt Ion: 63 Resp: 1261187

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.8





#59

2-Hexanone

Concen: 269.93 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

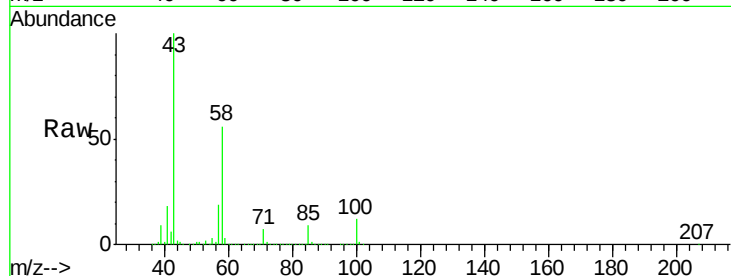
ClientSampled :

Tot Ion: 43 Resp: 1295261

Ion Ratio Lower Upper

43 100

58 56.2 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2832) (-)

Ion 58.00 (57.70 to 58.70): VN049866.D (-2832) (-)

10.75

800000

600000

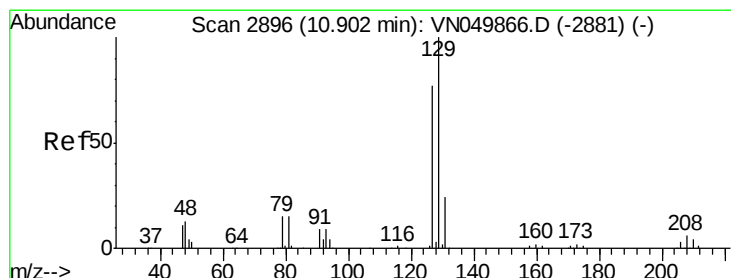
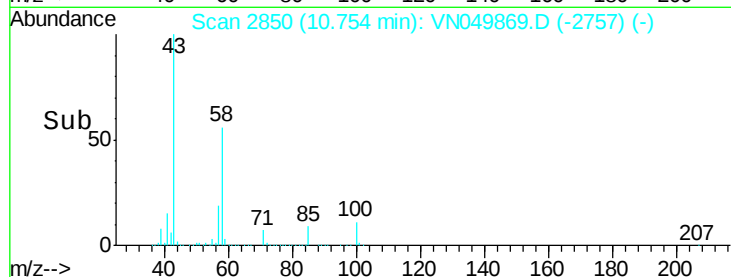
400000

200000

0

Time-->

10.70 10.75 10.80



#60

Dibromochloromethane

Concen: 48.63 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049869.D

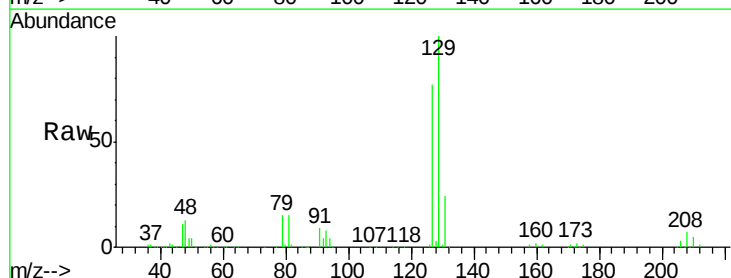
Acq: 18 Jul 2018 13:23

Tgt Ion: 129 Resp: 426644

Ion Ratio Lower Upper

129 100

127 78.0 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VN049866.D (-2881) (-)

Ion 126.80 (126.50 to 127.50): VN049866.D (-2881) (-)

10.90

250000

200000

150000

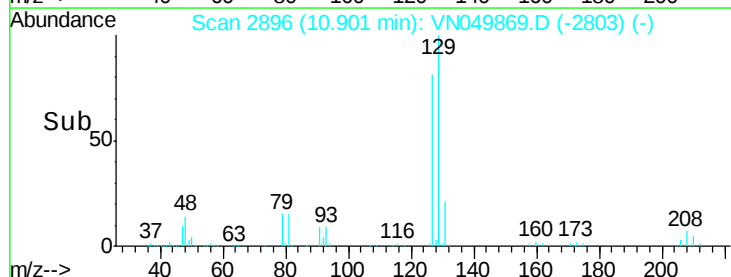
100000

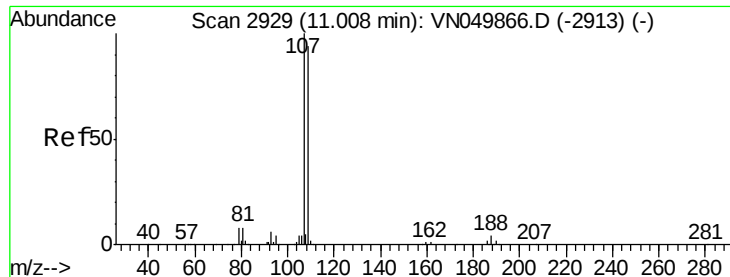
50000

0

Time-->

10.80 10.90 11.00

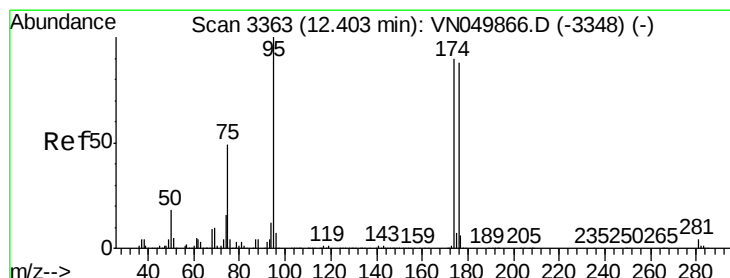
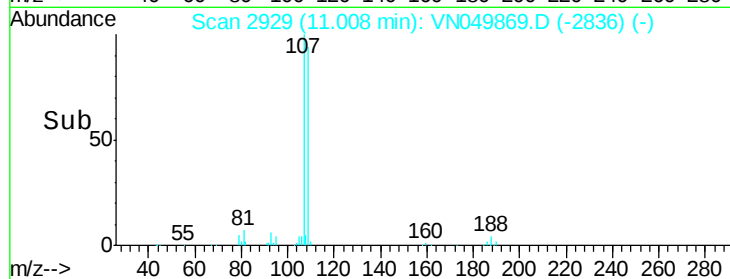
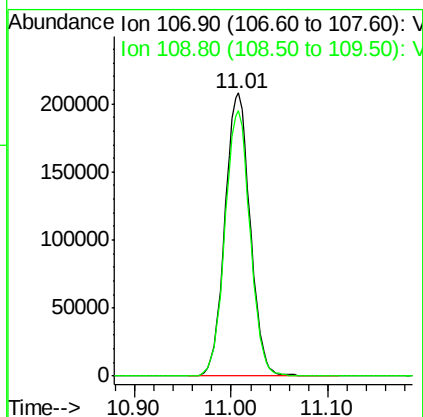
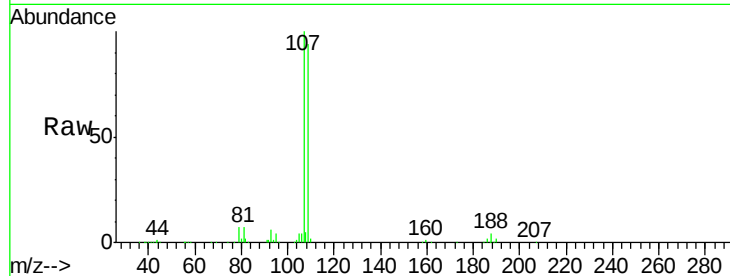




#61
 1,2-Dibromoethane
 Concen: 50.28 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

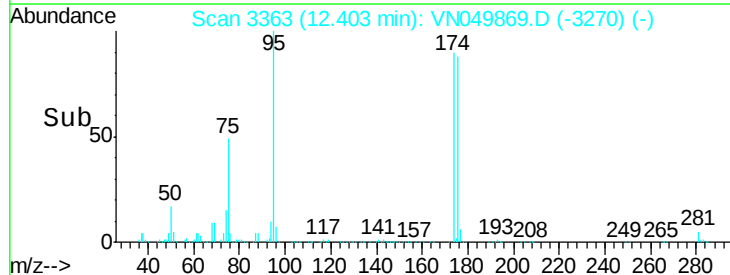
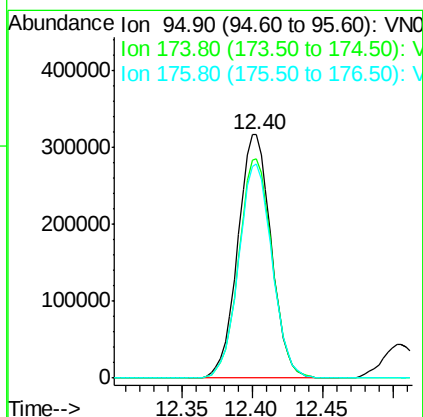
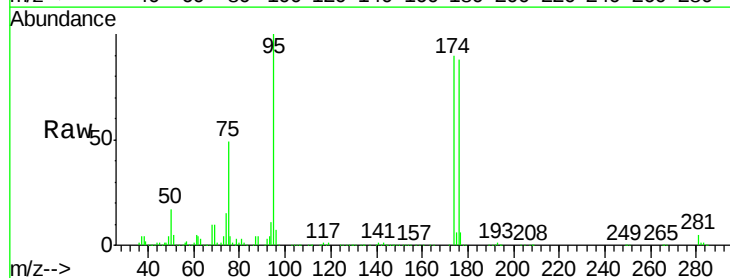
Instrument :
 MSVOA_N
 ClientSampleId :

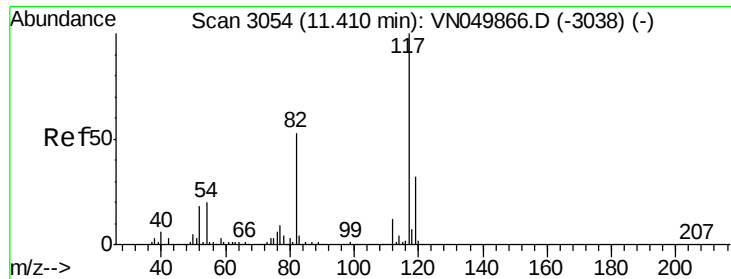
Tot Ion: 107 Resp: 375912
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.14 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion: 95 Resp: 526260
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 179.6
 176 87.7 0.0 174.0

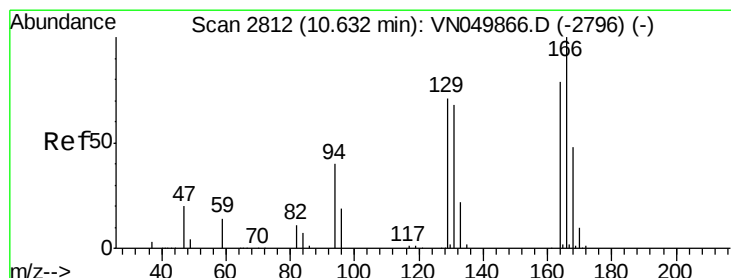
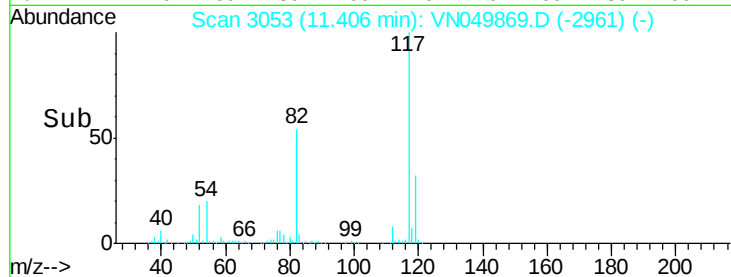
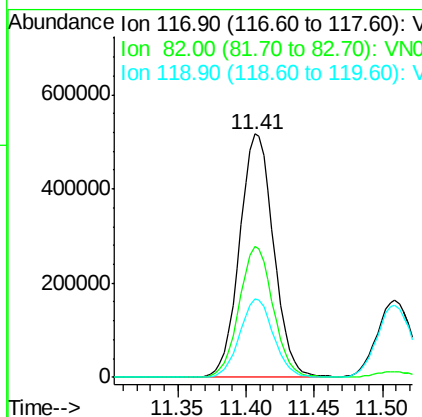
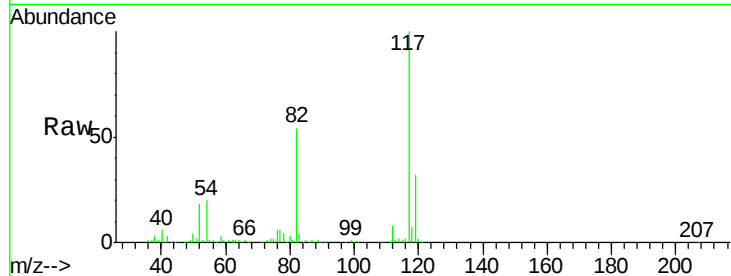




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

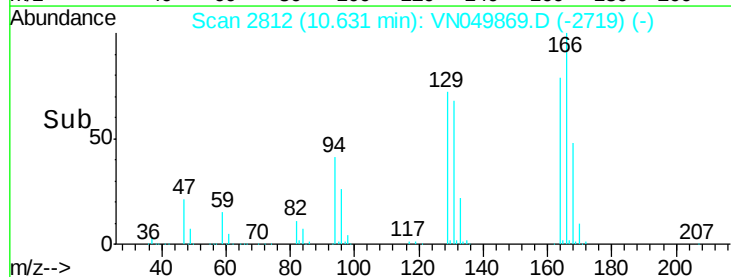
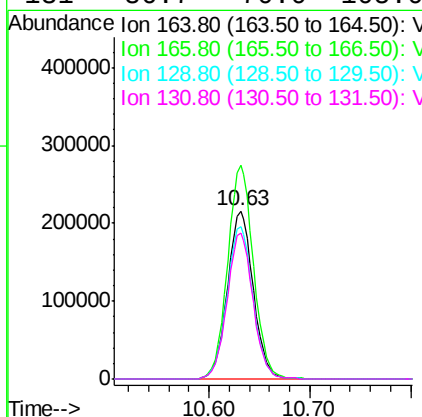
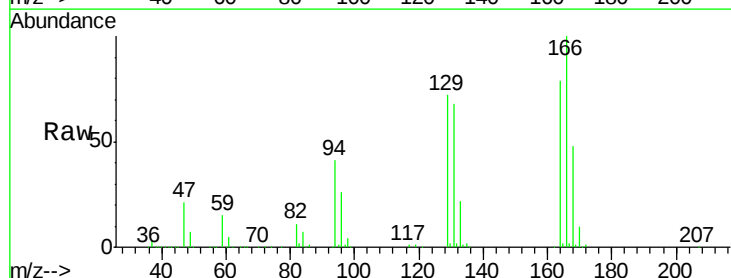
Instrument :
MSVOA_N
ClientSampleId :

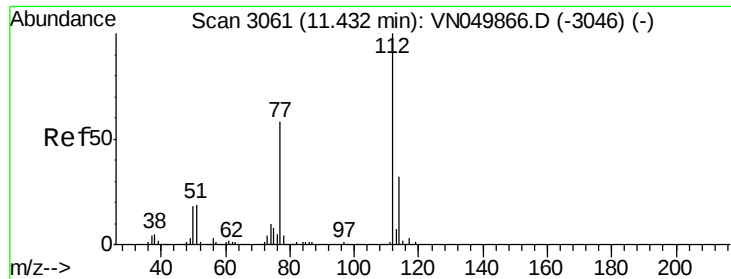
Tot Ion:117 Resp: 897699
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 47.60 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion:164 Resp: 384016
Ion Ratio Lower Upper
164 100
166 127.3 101.8 152.6
129 91.1 72.8 109.2
131 86.7 70.0 105.0

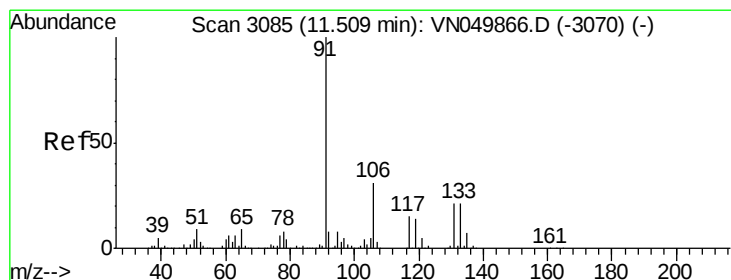
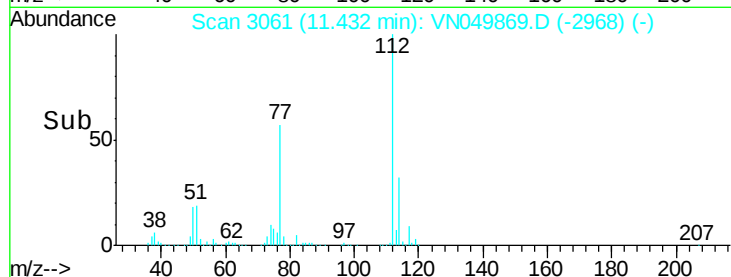
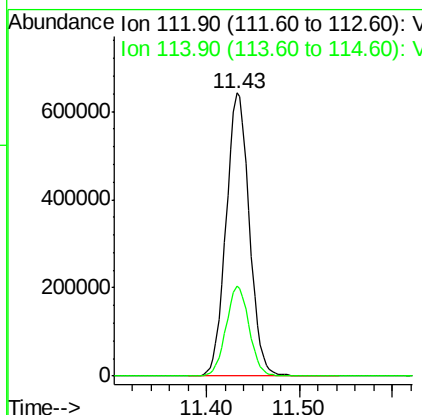
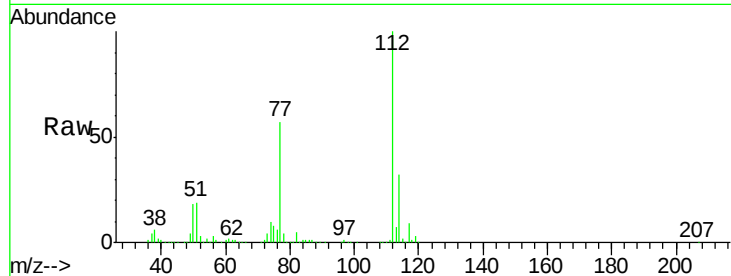




#65
Chlorobenzene
Concen: 49.45 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

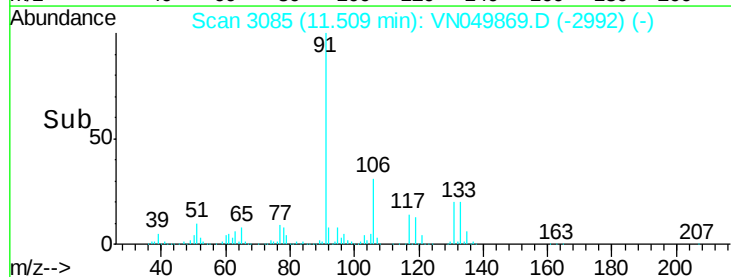
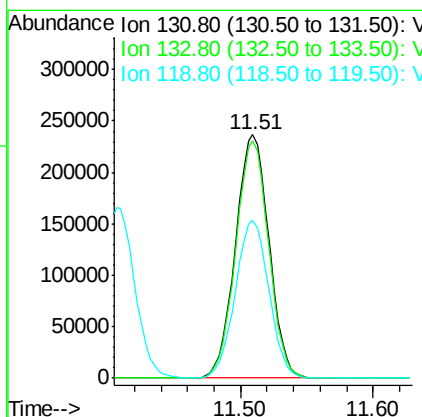
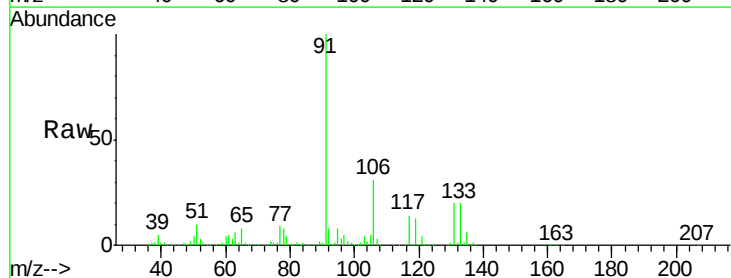
Instrument :
MSVOA_N
ClientSampleId :

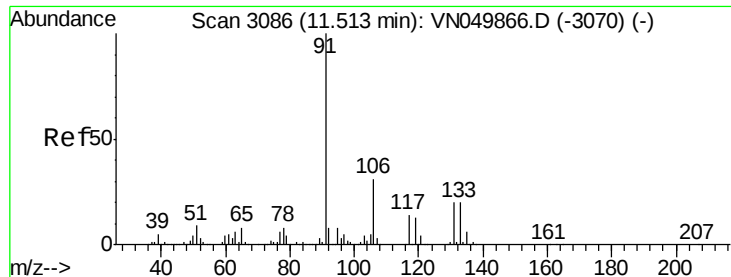
Tot Ion:112 Resp: 1115397
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.39 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion:131 Resp: 414053
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 65.2 33.1 99.3

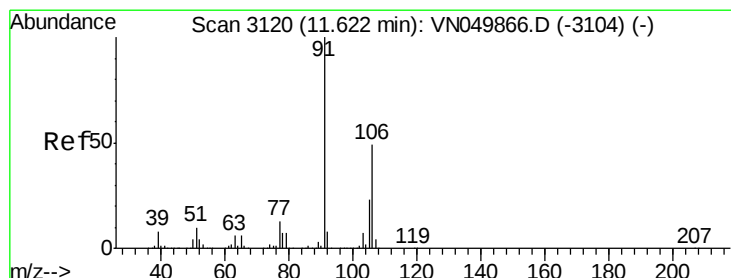
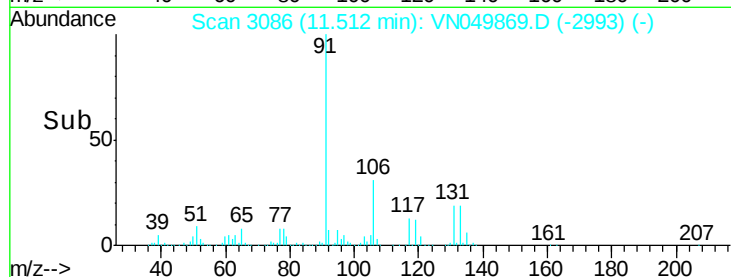
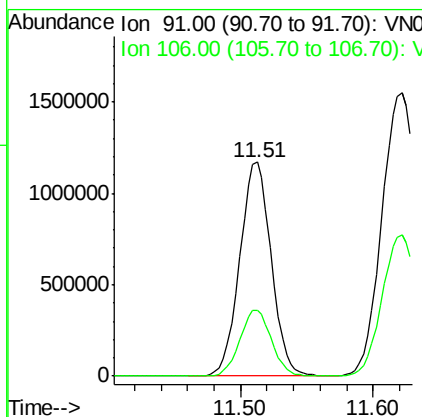
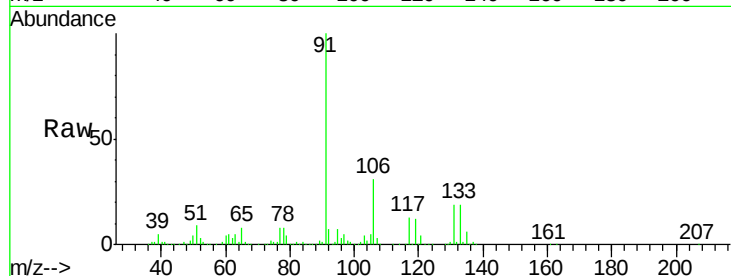




#67
Ethyl Benzene
Concen: 52.69 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

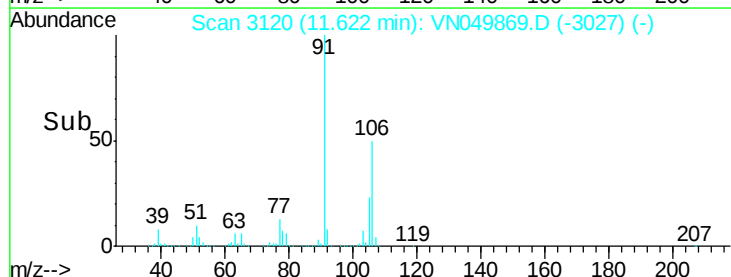
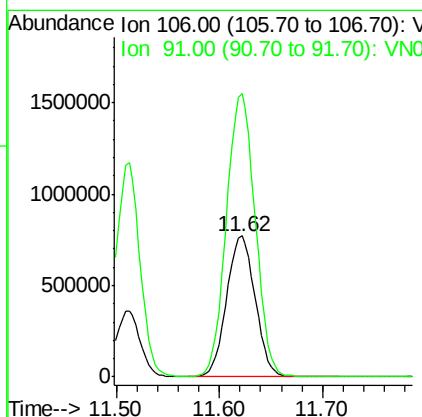
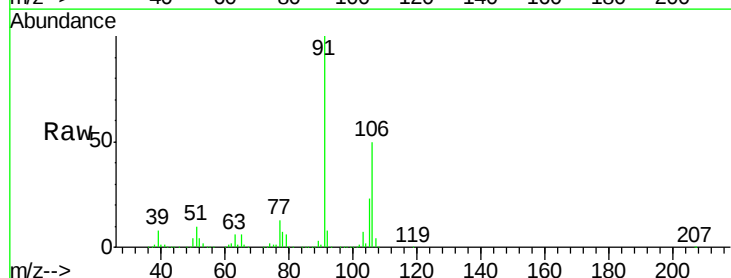
Instrument :
MSVOA_N
ClientSampled :

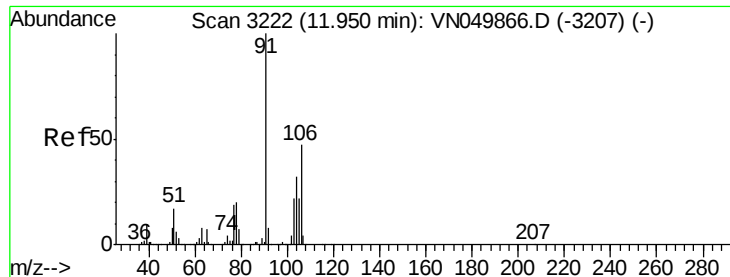
Tot Ion: 91 Resp: 1927949
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 107.62 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 106 Resp: 1490603
Ion Ratio Lower Upper
106 100
91 202.2 163.4 245.2

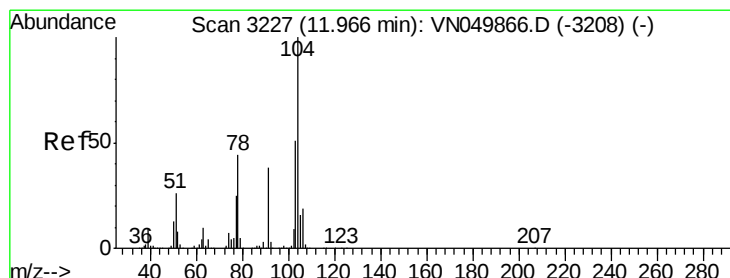
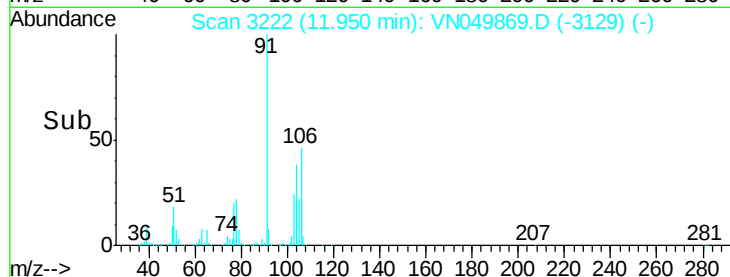
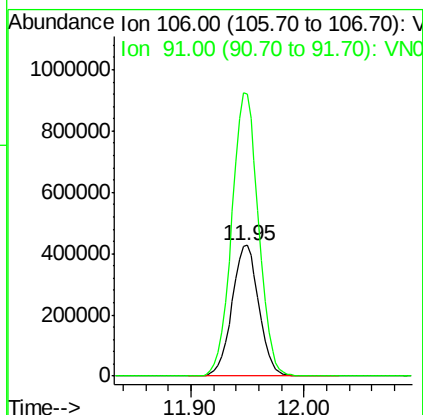
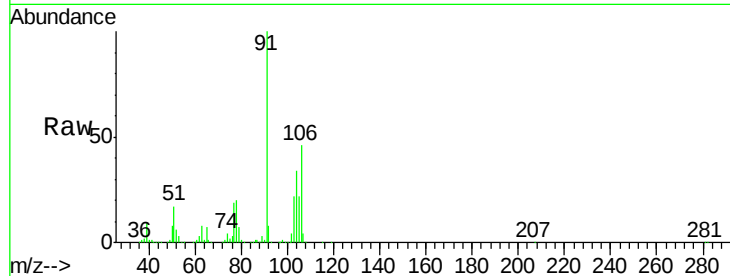




#69
o-Xylene
Concen: 52.97 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

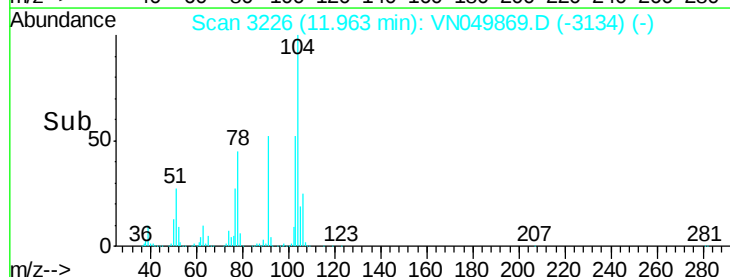
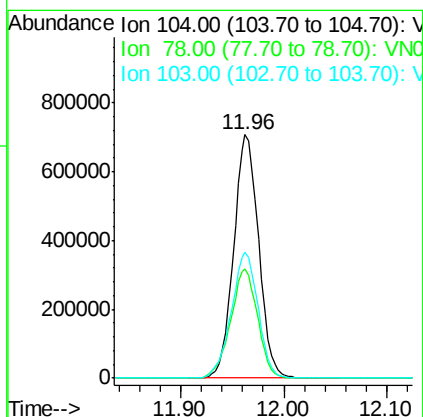
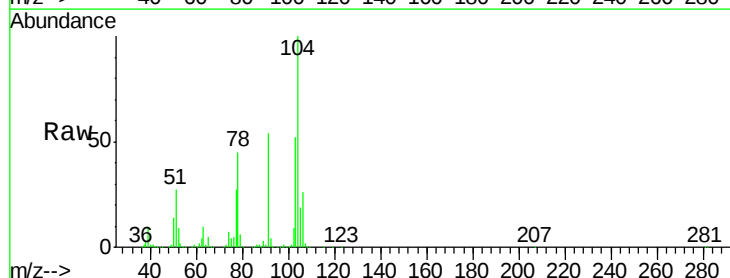
Instrument :
MSVOA_N
ClientSampled :

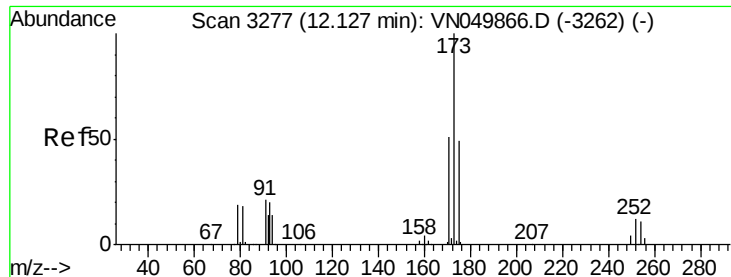
Tot Ion:106 Resp: 704688
Ion Ratio Lower Upper
106 100
91 215.2 108.7 326.1



#70
Styrene
Concen: 55.43 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion:104 Resp: 1194454
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 55.4 44.6 67.0

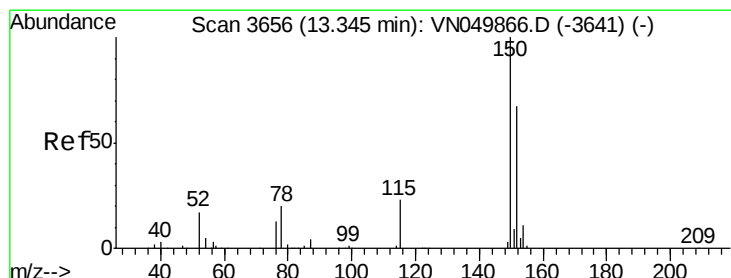
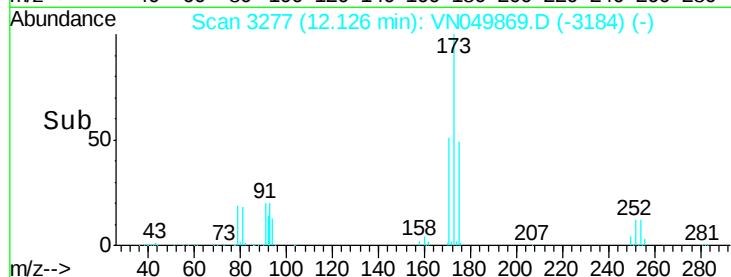
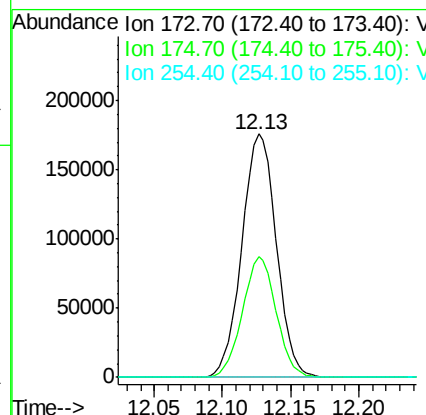
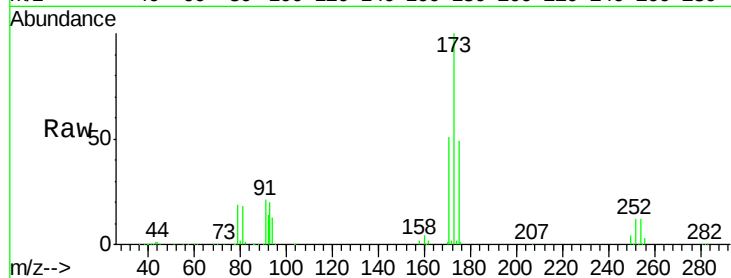




#71
Bromoform
Concen: 49.39 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

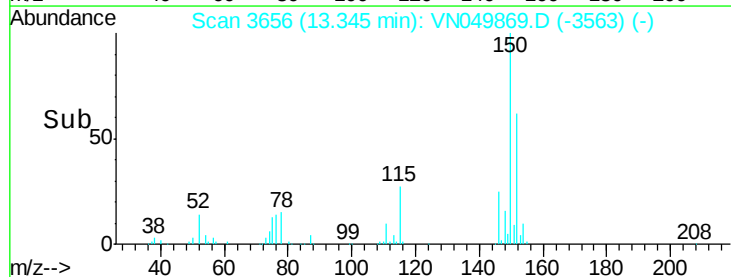
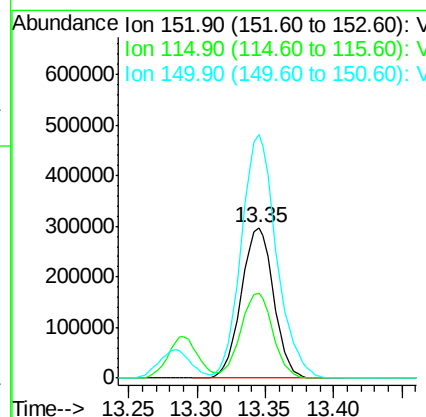
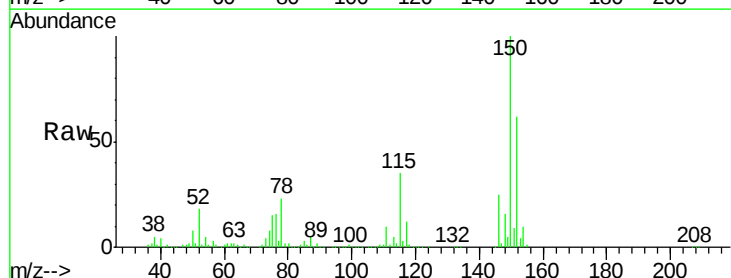
Instrument :
MSVOA_N
ClientSampled :

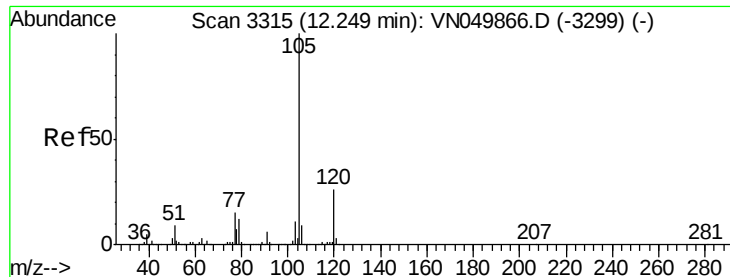
Tot Ion:173 Resp: 308688
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion:152 Resp: 487758
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 176.5 0.0 347.6





#73

Isopropylbenzene

Concen: 51.88 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

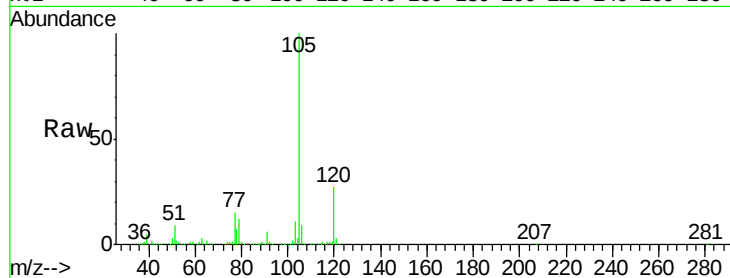
ClientSampled :

Tot Ion:105 Resp: 1922244

Ion Ratio Lower Upper

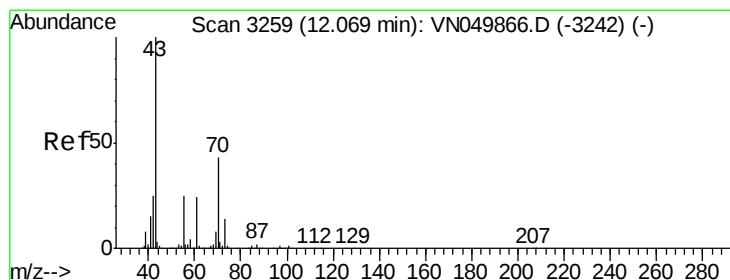
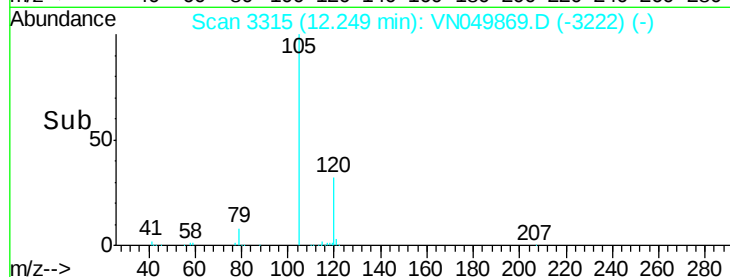
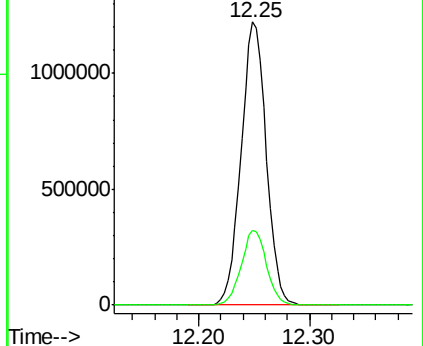
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.09 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Tgt Ion: 43 Resp: 576217

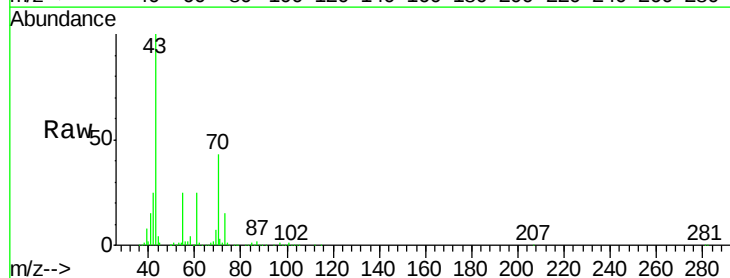
Ion Ratio Lower Upper

43 100

70 43.0 34.8 52.2

55 26.0 20.9 31.3

61 24.7 19.9 29.9

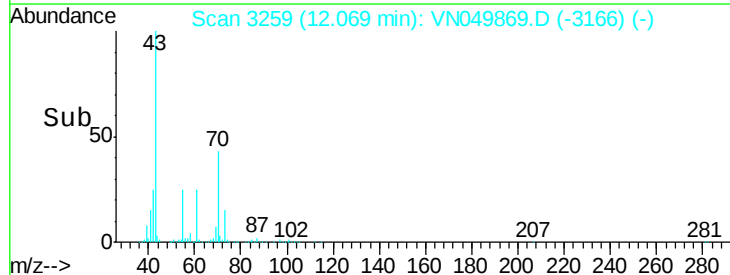
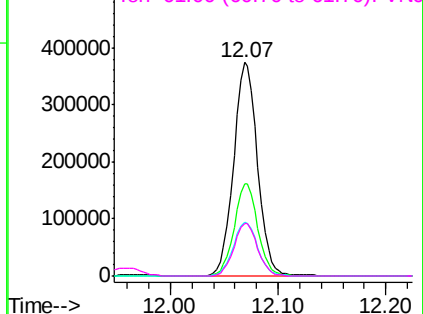


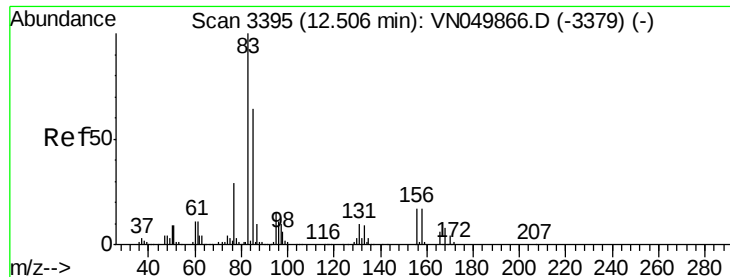
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 43.92 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

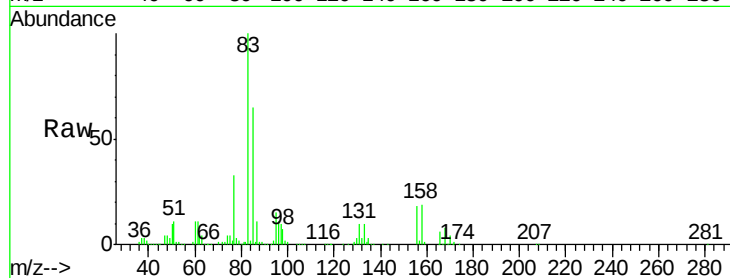
Tot Ion: 83 Resp: 487602

Ion Ratio Lower Upper

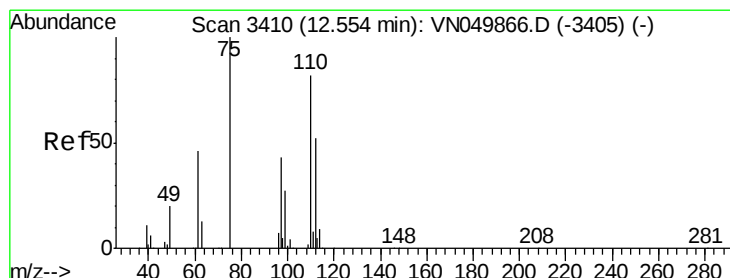
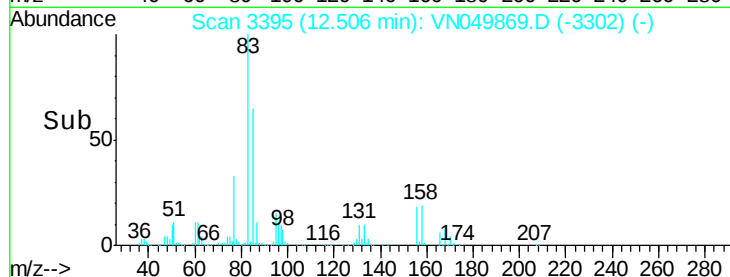
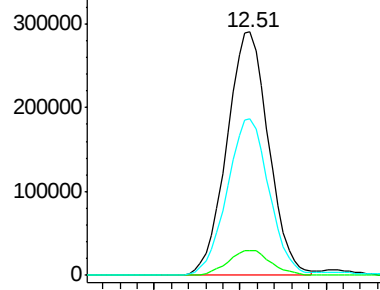
83 100

131 10.6 5.2 15.6

85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 130.80 (130.50 to 131.50): VNC
Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 67.34 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049869.D

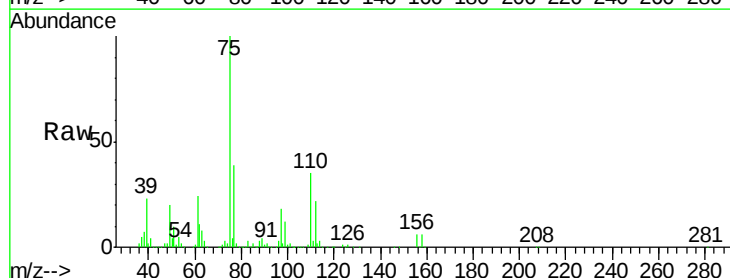
Acq: 18 Jul 2018 13:23

Tgt Ion: 75 Resp: 616170

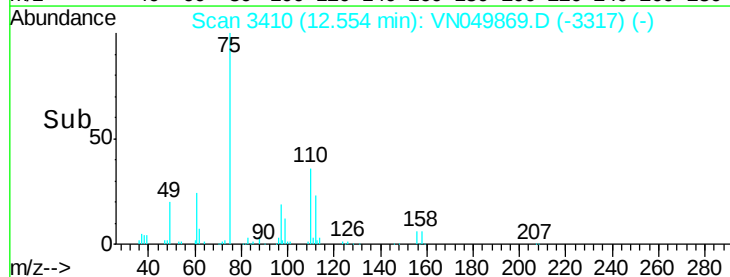
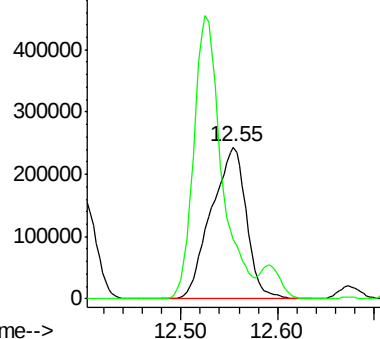
Ion Ratio Lower Upper

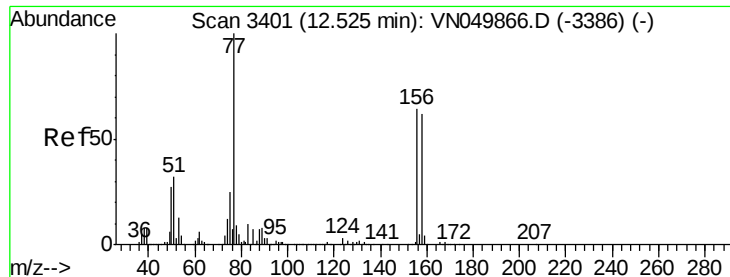
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 48.42 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

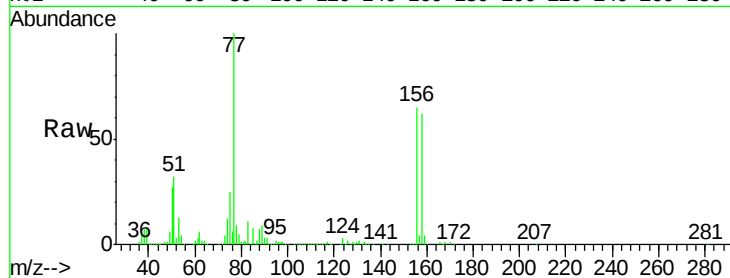
Tot Ion:156 Resp: 495385

Ion Ratio Lower Upper

156 100

77 184.5 90.2 270.6

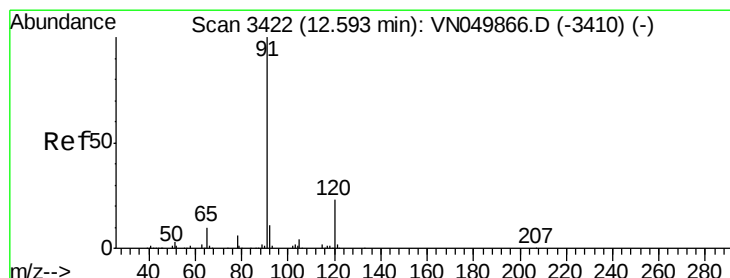
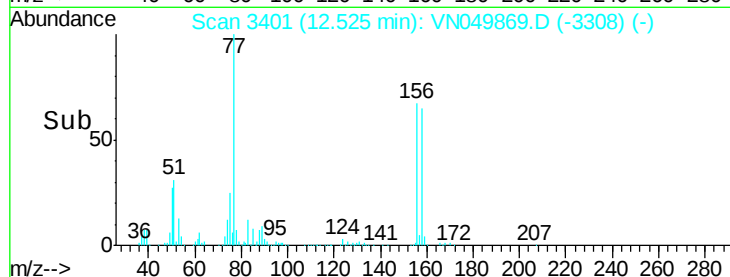
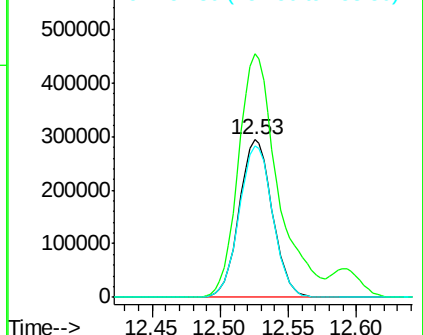
158 97.3 49.1 147.3



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: 53.78 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049869.D

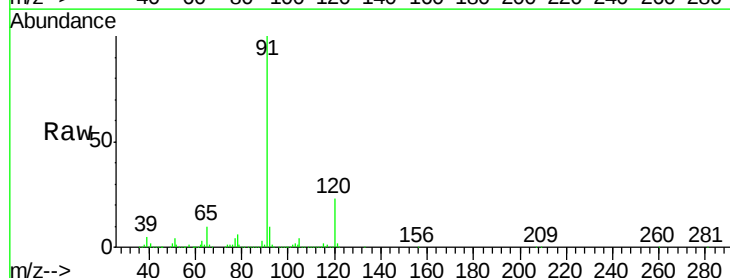
Acq: 18 Jul 2018 13:23

Tgt Ion: 91 Resp: 2265267

Ion Ratio Lower Upper

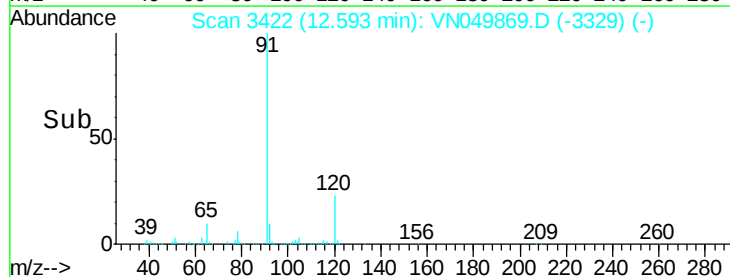
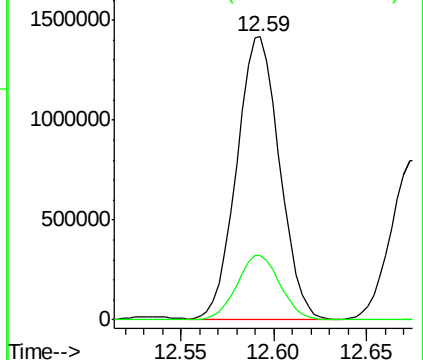
91 100

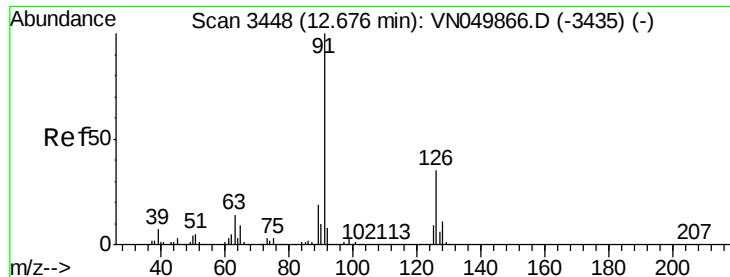
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.86 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

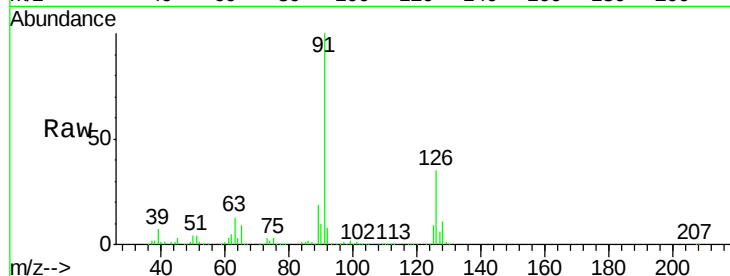
ClientSampled :

Tot Ion: 91 Resp: 1315551

Ion Ratio Lower Upper

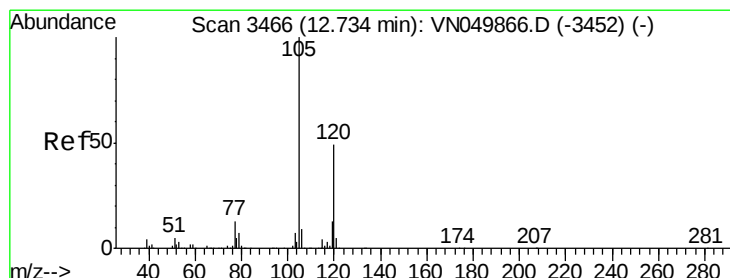
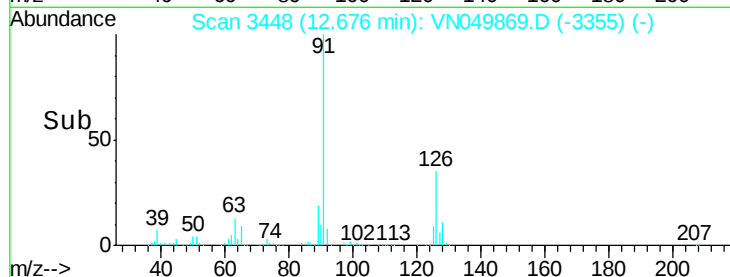
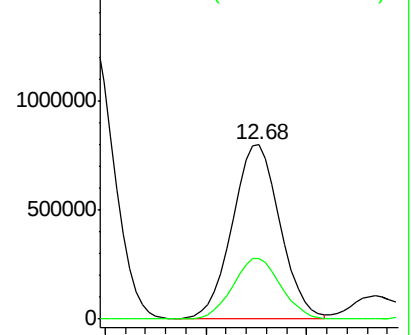
91 100

126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049869.D (-3355) (-)

Ion 125.90 (125.60 to 126.60): VN049869.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.83 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049869.D

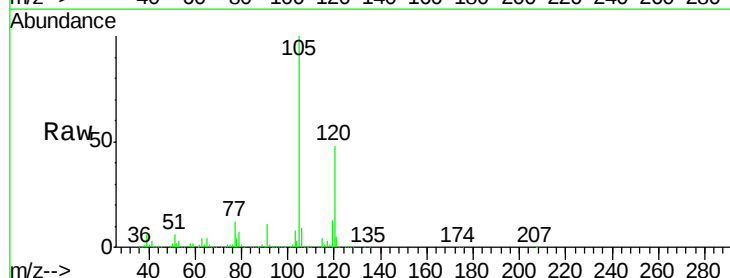
Acq: 18 Jul 2018 13:23

Tgt Ion: 105 Resp: 1598451

Ion Ratio Lower Upper

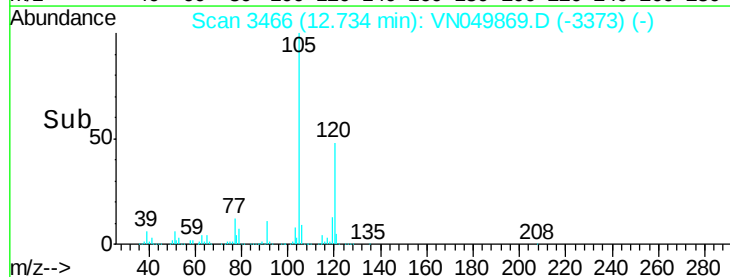
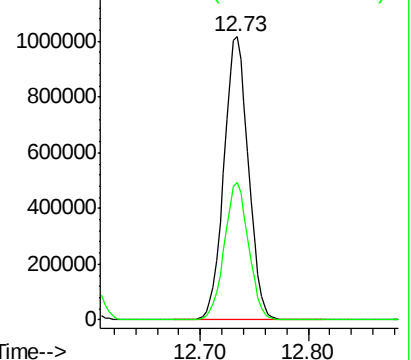
105 100

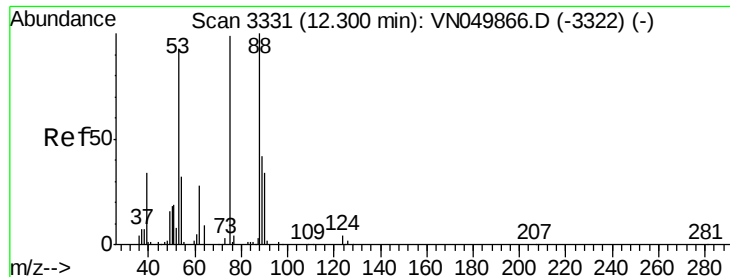
120 48.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049869.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN049869.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.30 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

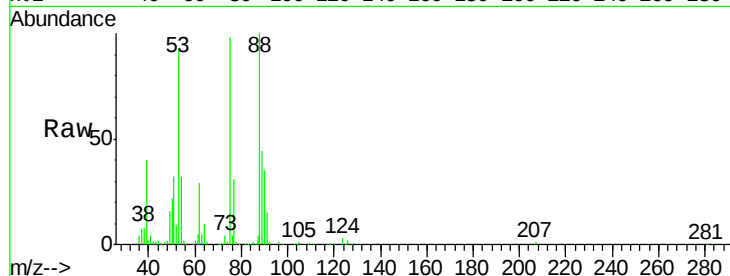
Tot Ion: 75 Resp: 147194

Ion Ratio Lower Upper

75 100

53 93.3 73.9 110.9

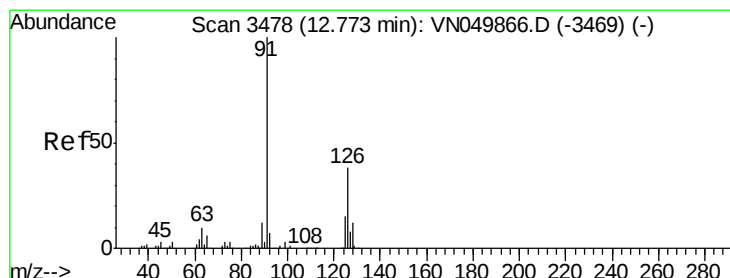
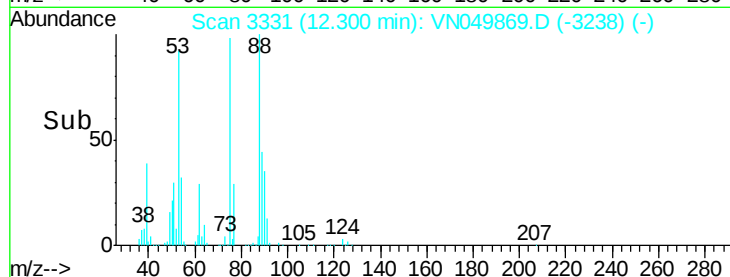
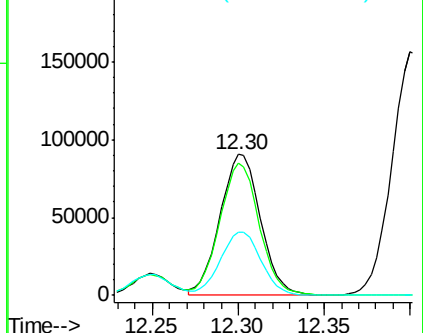
89 46.3 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.41 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN049869.D

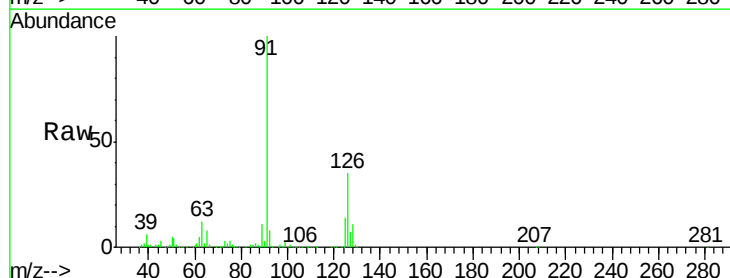
Acq: 18 Jul 2018 13:23

Tgt Ion: 91 Resp: 1359939

Ion Ratio Lower Upper

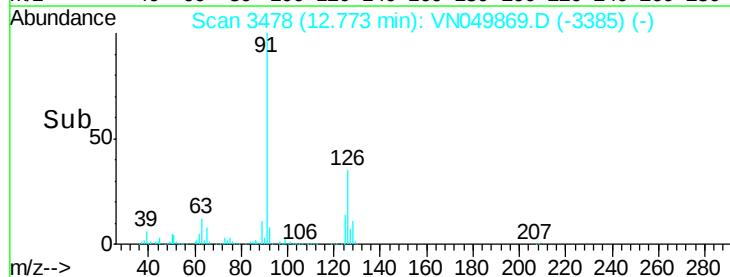
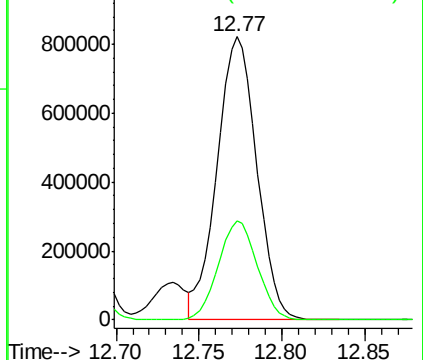
91 100

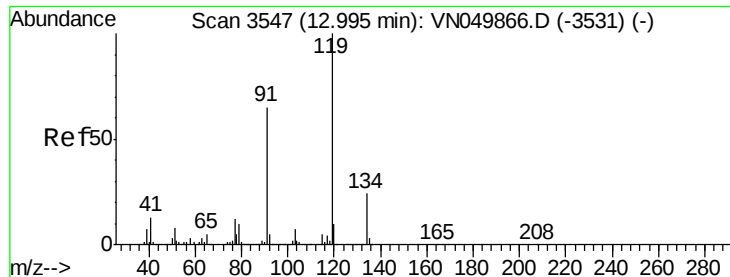
126 34.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.25 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

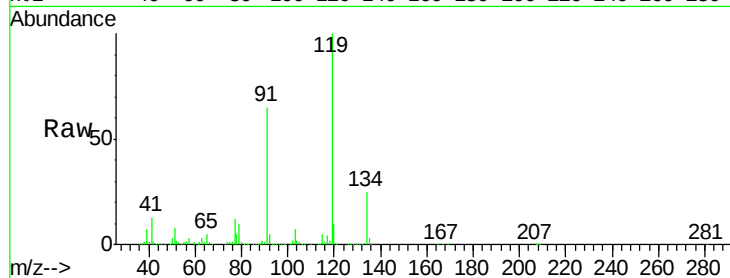
Tot Ion:119 Resp: 1388646

Ion Ratio Lower Upper

119 100

91 63.2 32.0 96.2

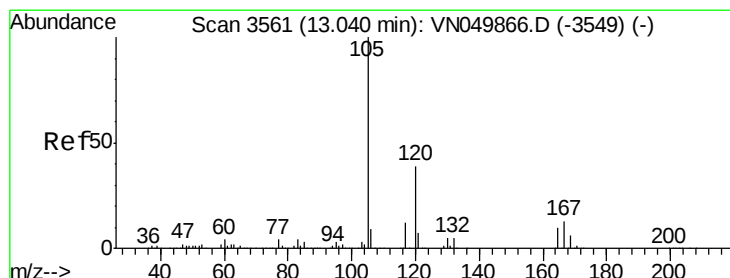
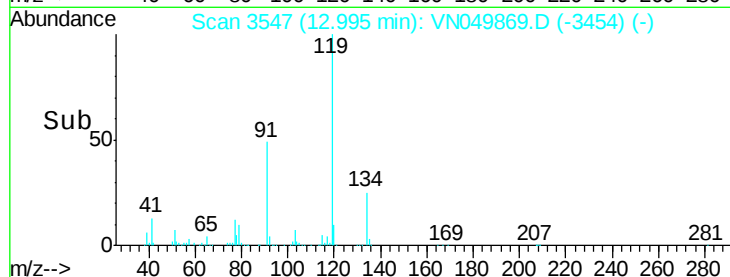
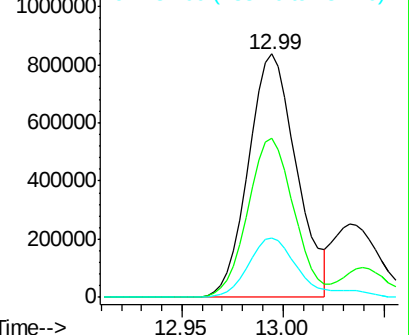
134 26.2 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.51 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049869.D

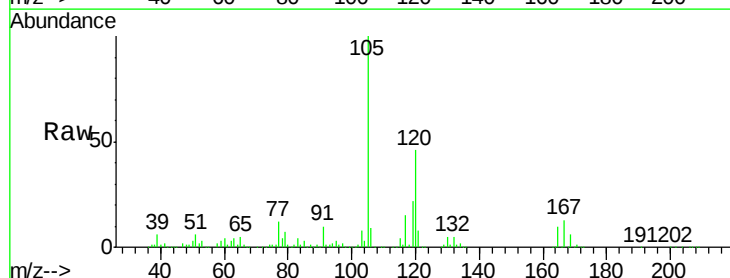
Acq: 18 Jul 2018 13:23

Tgt Ion:105 Resp: 1639656

Ion Ratio Lower Upper

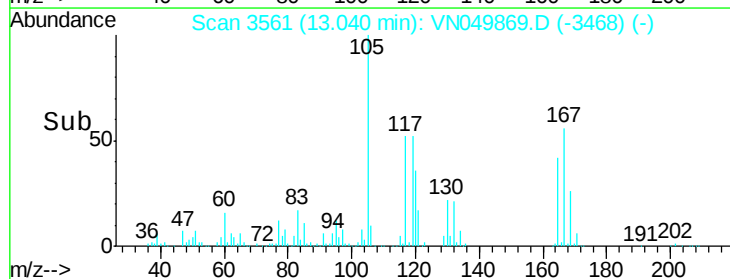
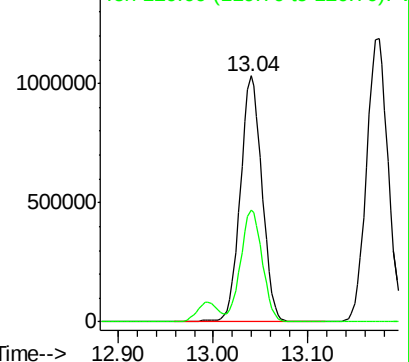
105 100

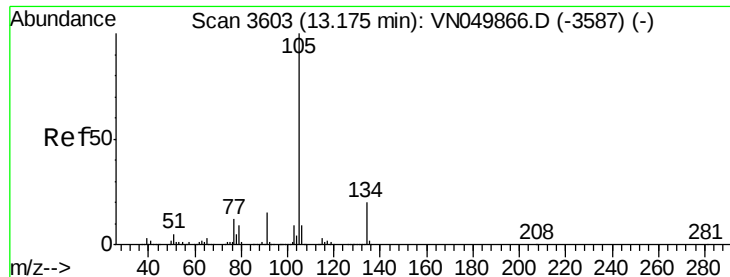
120 45.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.39 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

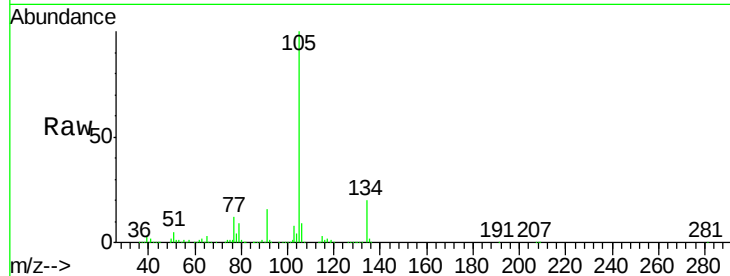
ClientSampleId :

Tot Ion:105 Resp: 1874337

Ion Ratio Lower Upper

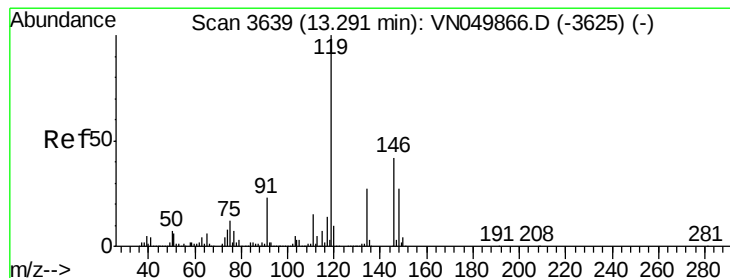
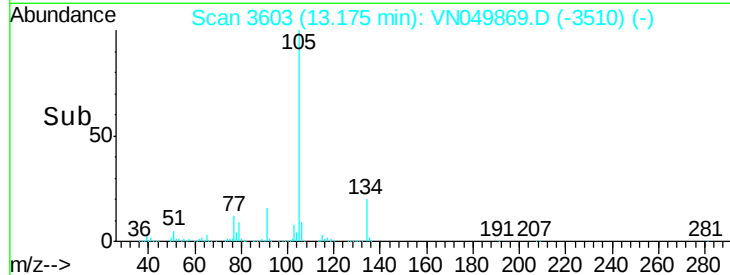
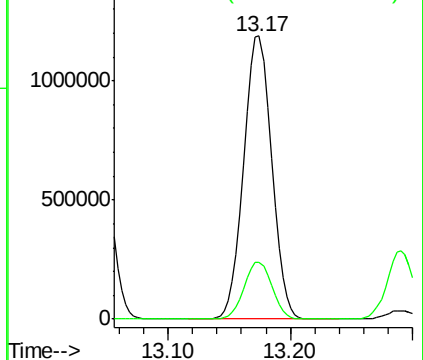
105 100

134 20.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.70 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

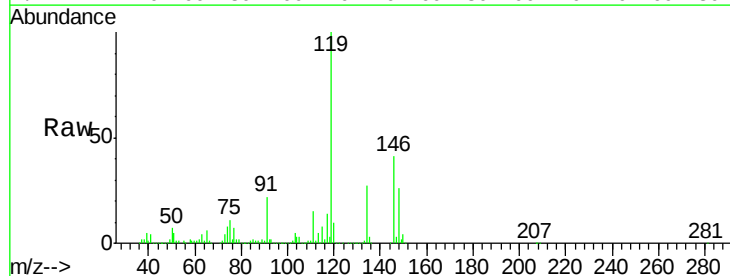
Tgt Ion:119 Resp: 1636462

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

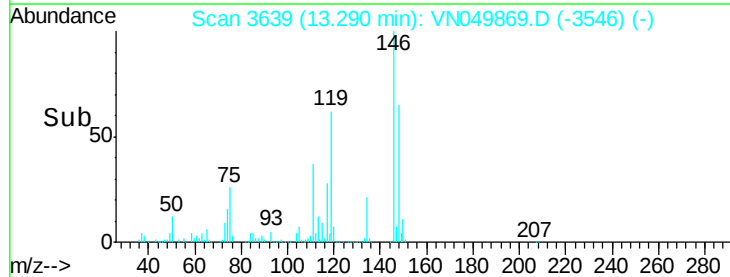
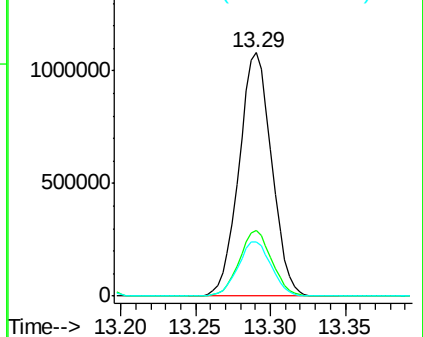
91 22.8 11.4 34.1

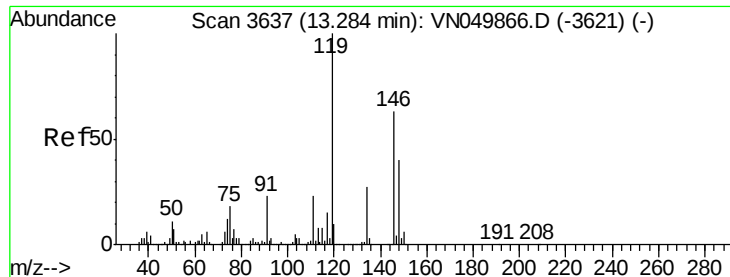


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.67 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

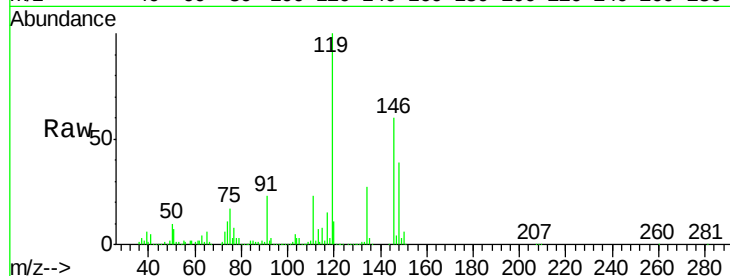
Tot Ion:146 Resp: 885484

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

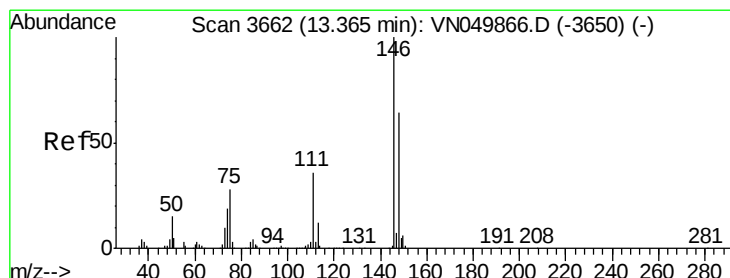
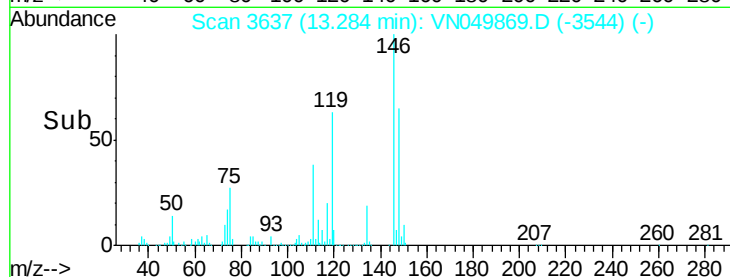
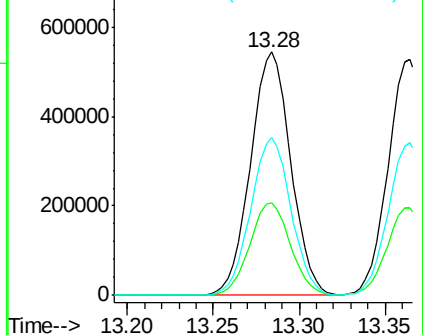
148 64.6 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 48.96 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

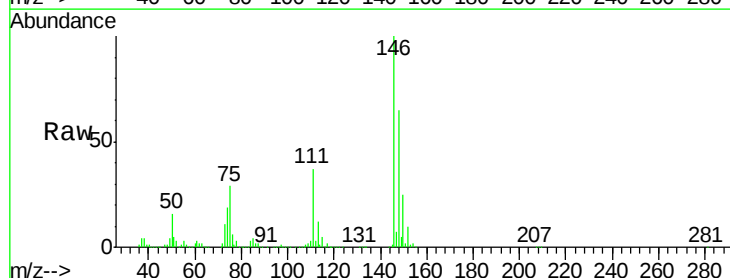
Tgt Ion:146 Resp: 874931

Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.5

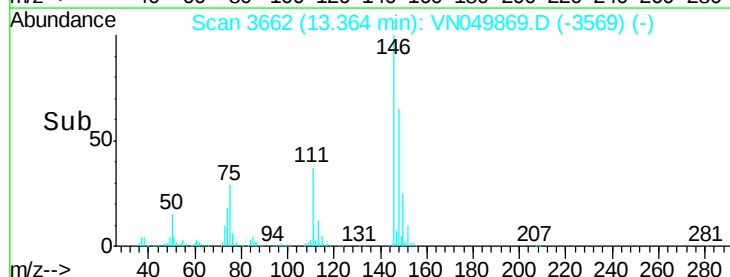
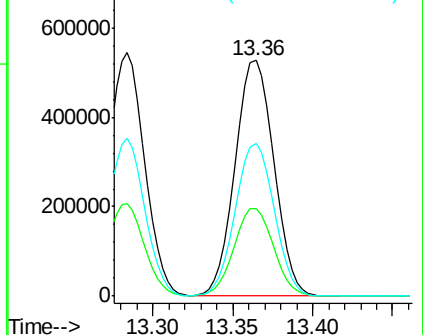
148 64.8 32.1 96.3

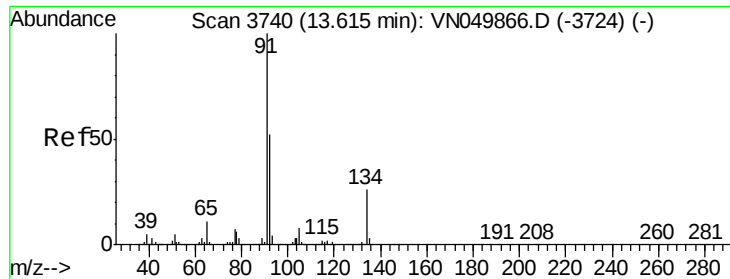


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

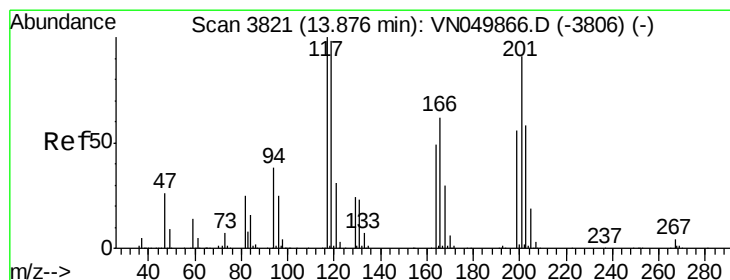
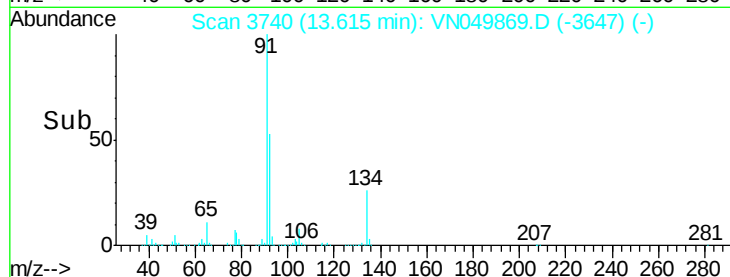
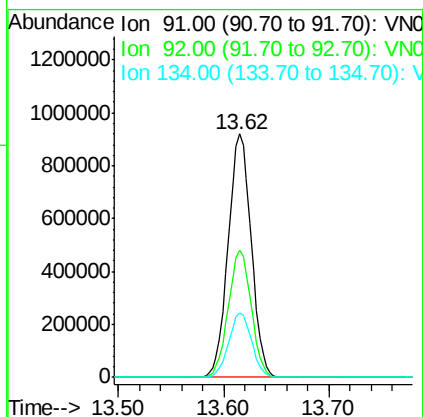
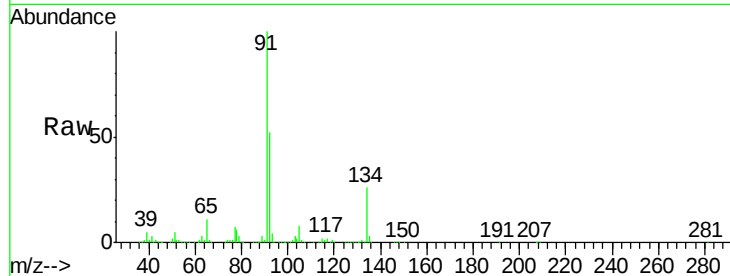




#89
n-Butylbenzene
Concen: 57.18 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

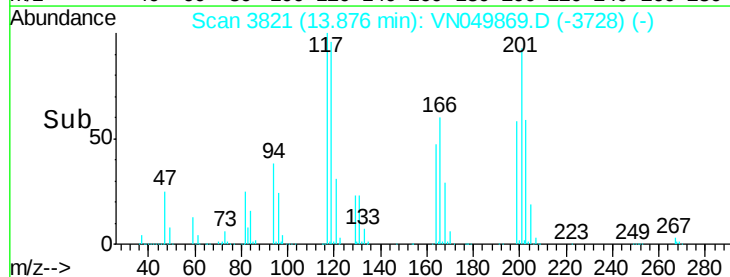
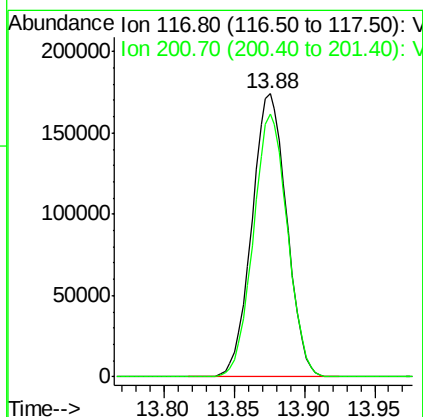
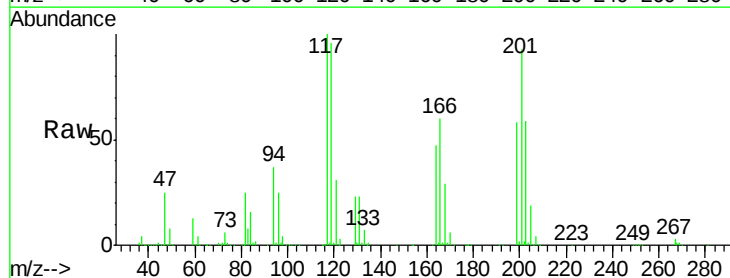
Instrument :
MSVOA_N
ClientSampled :

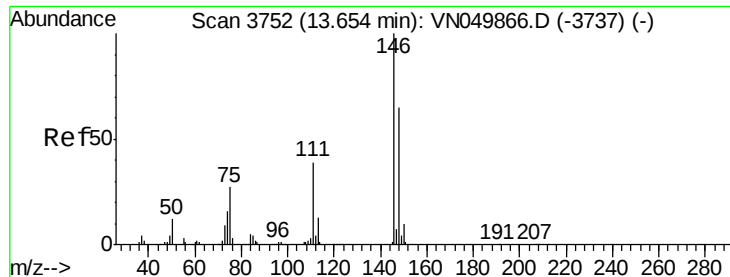
Tot Ion: 91 Resp: 1387024
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 26.3 13.0 38.9



#90
Hexachloroethane
Concen: 45.63 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN049869.D
Acq: 18 Jul 2018 13:23

Tgt Ion: 117 Resp: 300855
Ion Ratio Lower Upper
117 100
201 90.9 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 48.81 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

ClientSampleId :

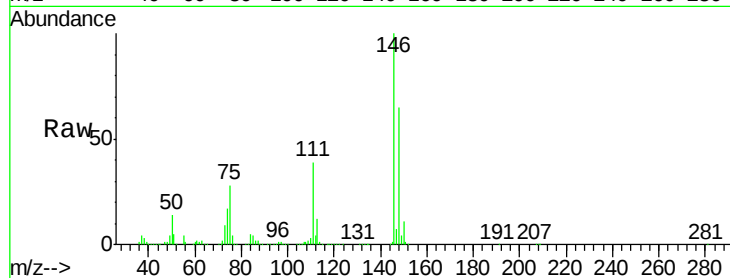
Tot Ion:146 Resp: 855443

Ion Ratio Lower Upper

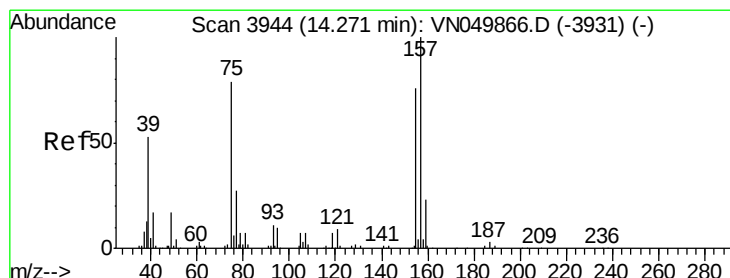
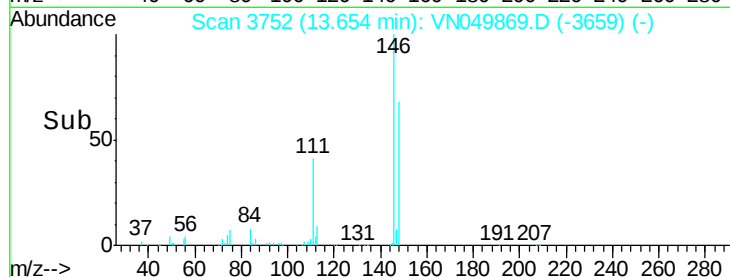
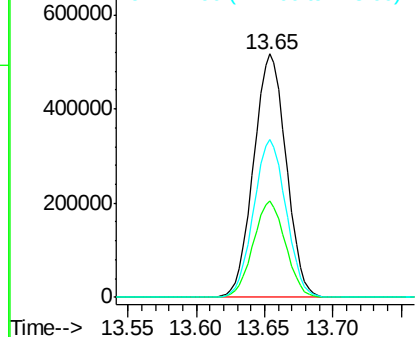
146 100

111 39.3 19.7 59.1

148 64.7 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: 44.97 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

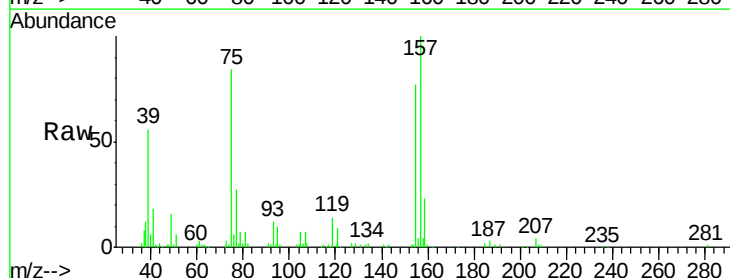
Tgt Ion: 75 Resp: 77127

Ion Ratio Lower Upper

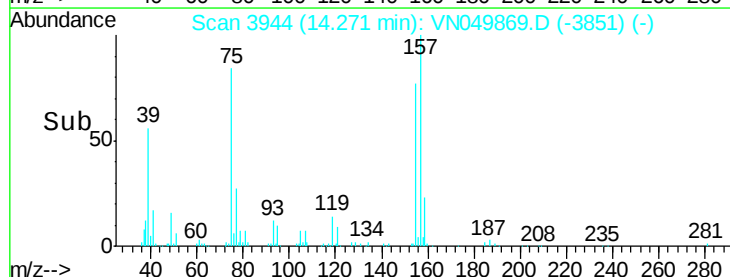
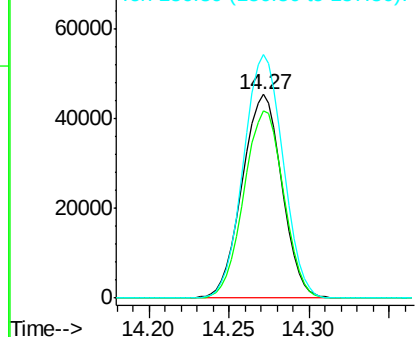
75 100

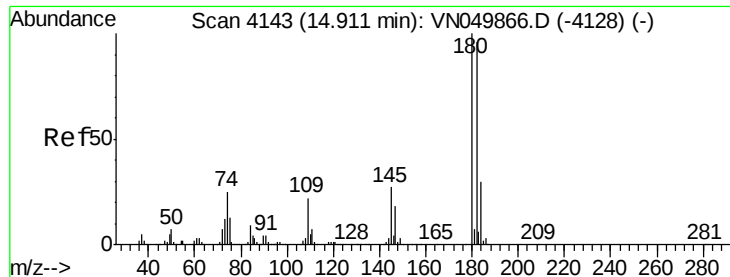
155 91.6 45.7 137.1

157 118.9 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

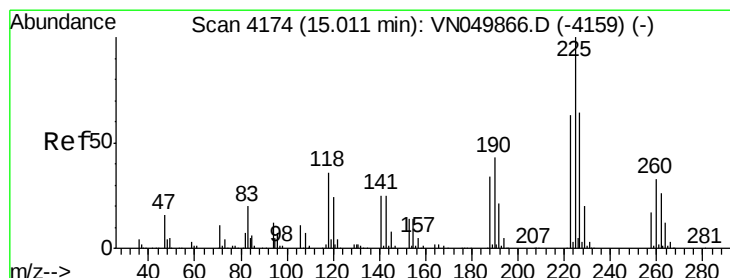
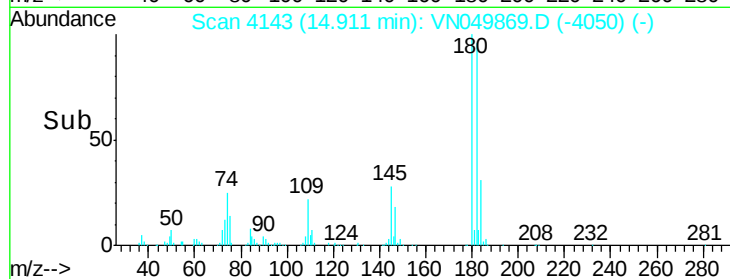
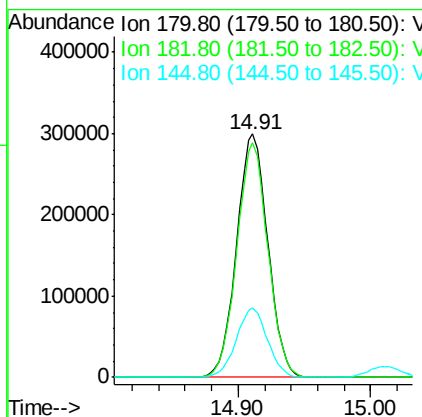
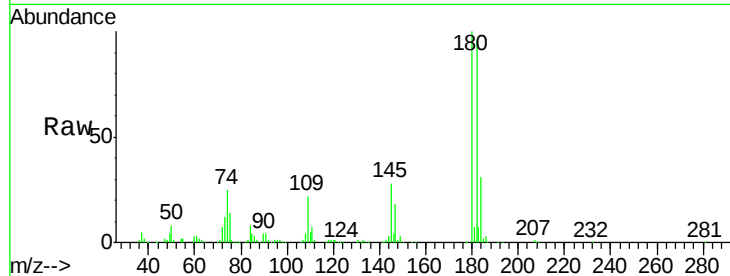




#93
 1,2,4-Trichlorobenzene
 Concen: 50.52 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

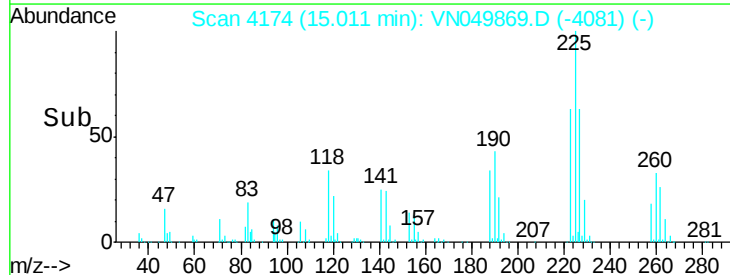
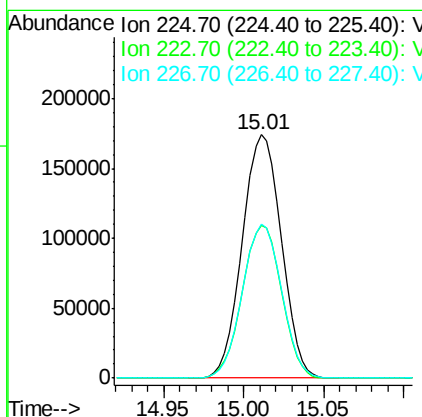
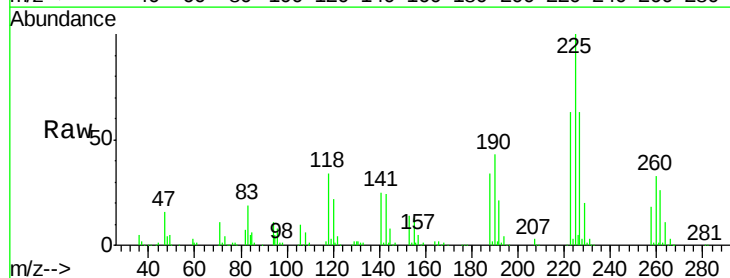
Instrument :
 MSVOA_N
 ClientSampleId :

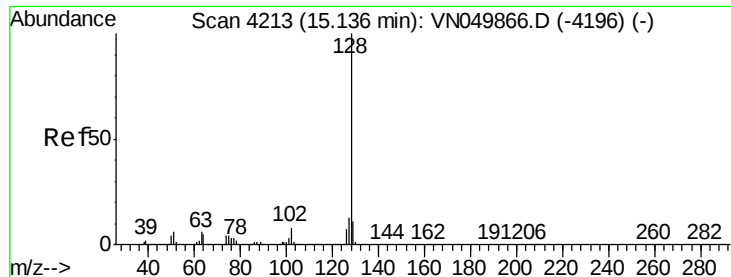
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.9
145	28.4	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 50.55 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049869.D
 Acq: 18 Jul 2018 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.9	92.7
227	63.4	31.8	95.4





#95

Naphthalene

Concen: 48.38 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

Instrument :

MSVOA_N

ClientSampled :

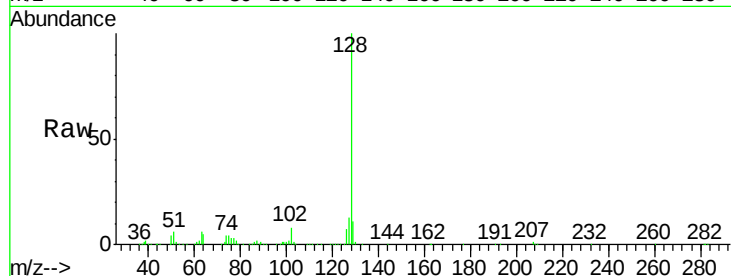
Tot Ion:128 Resp: 1113961

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

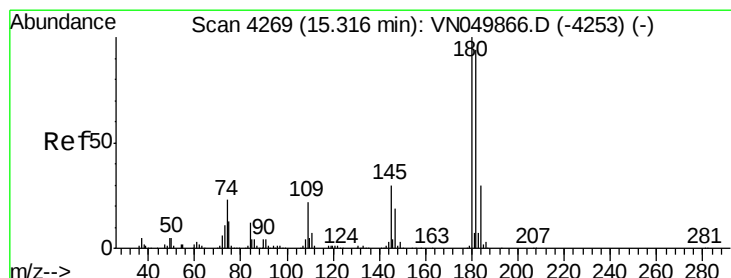
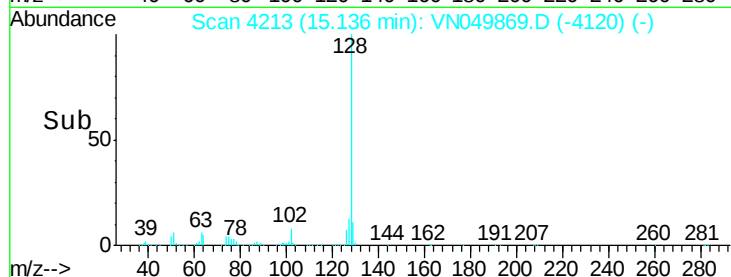
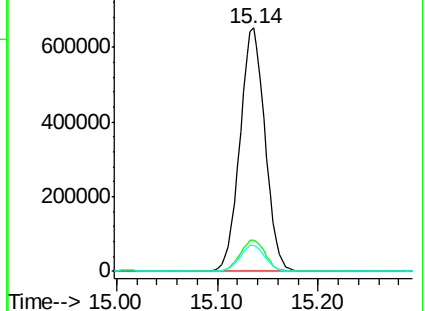
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.43 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049869.D

Acq: 18 Jul 2018 13:23

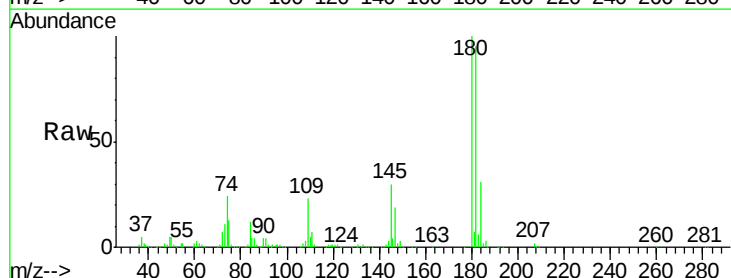
Tgt Ion:180 Resp: 482891

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.2

145 29.8 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

