

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063018\
 Data File : VN049659.D
 Acq On : 30 Jun 2018 20:27
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 02 01:26:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1346377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2023409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1869508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1044750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	820329	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
35) Dibromofluoromethane	7.59	113	711956	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	10.09	98	2763411	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.40	95	975813	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	695683	45.85	ug/l	96
3) Chloromethane	2.06	50	828105	43.70	ug/l	100
4) Vinyl Chloride	2.18	62	912357	44.83	ug/l	99
5) Bromomethane	2.56	94	458517	42.89	ug/l	99
6) Chloroethane	2.70	64	572821	44.46	ug/l	99
7) Trichlorofluoromethane	3.02	101	1053902	45.33	ug/l	98
8) Diethyl Ether	3.41	74	440323	46.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	738963	44.18	ug/l	100
10) Methyl Iodide	3.95	142	994366	47.50	ug/l	99
11) Tert butyl alcohol	4.80	59	270779	265.39	ug/l	99
12) 1,1-Dichloroethene	3.73	96	686994	43.44	ug/l	100
13) Acrolein	3.61	56	211474	221.90	ug/l	99
14) Allyl chloride	4.32	41	983630	45.28	ug/l	100
15) Acrylonitrile	4.99	53	1311842	248.94	ug/l	99
16) Acetone	3.82	43	944506	264.99	ug/l	98
17) Carbon Disulfide	4.05	76	1863556	42.76	ug/l	100
18) Methyl Acetate	4.33	43	759709	48.01	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	2005345	49.19	ug/l	98
20) Methylene Chloride	4.55	84	806255	44.04	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	732334	45.00	ug/l	98
22) Diisopropyl ether	5.96	45	2379158	48.41	ug/l	99
23) Vinyl Acetate	5.90	43	7880585	247.28	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1418717	45.82	ug/l	99
25) 2-Butanone	6.84	43	1442479	244.38	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1024976	39.86	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	845063	46.48	ug/l	99
28) Bromochloromethane	7.20	49	648180	49.33	ug/l	99
29) Tetrahydrofuran	7.21	42	978471	260.08	ug/l	100
30) Chloroform	7.37	83	1446077	45.82	ug/l	98
31) Cyclohexane	7.65	56	1186448	44.63	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1239544	46.39	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1060616	46.59	ug/l	99
37) Ethyl Acetate	6.93	43	695090	52.35	ug/l	99
38) Carbon Tetrachloride	7.77	117	1021587	46.13	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1129049	45.24	ug/l	100
40) Benzene	8.04	78	3243255	46.66	ug/l	100
41) Methacrylonitrile	7.18	41	369332	49.35	ug/l	97
42) 1,2-Dichloroethane	8.13	62	1043407	47.03	ug/l	100
43) Isopropyl Acetate	8.17	43	1295506	49.13	ug/l	99
44) Trichloroethene	8.84	130	926498	44.20	ug/l	98
45) 1,2-Dichloropropane	9.12	63	862294	48.01	ug/l	100
46) Dibromomethane	9.21	93	520703	47.93	ug/l	98
47) Bromodichloromethane	9.40	83	1101864	47.64	ug/l	98
48) Methyl methacrylate	9.20	41	616346	52.24	ug/l	98
49) 1,4-Dioxane	9.20	88	165508	1043.39	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	3392979	260.63	ug/l	100
52) Toluene	10.16	92	1999830	47.62	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1059994	47.86	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1237864	47.82	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	748920	47.90	ug/l	99
56) Ethyl methacrylate	10.43	69	969271	52.88	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1244594	49.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2270496	238.22	ug/l	99
59) 2-Hexanone	10.75	43	2233043	259.41	ug/l	100
60) Dibromochloromethane	10.90	129	839075	49.65	ug/l	99
61) 1,2-Dibromoethane	11.01	107	725296	48.41	ug/l	100
64) Tetrachloroethene	10.63	164	1095544	43.28	ug/l	99
65) Chlorobenzene	11.44	112	2199808	45.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	817775	46.67	ug/l	100
67) Ethyl Benzene	11.51	91	3784403	46.94	ug/l	100
68) m/p-Xylenes	11.62	106	2958948	95.77	ug/l	100
69) o-Xylene	11.95	106	1433536	48.46	ug/l	98
70) Styrene	11.97	104	2377065	49.67	ug/l	100
71) Bromoform	12.13	173	572142	49.14	ug/l	99
73) Isopropylbenzene	12.25	105	3756968	45.15	ug/l	100
74) N-amyl acetate	12.07	43	1097109	48.26	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	873774	50.58	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	1118426	66.75	ug/l #	100
77) Bromobenzene	12.53	156	964281	42.61	ug/l	99
78) n-propylbenzene	12.59	91	4396775	46.10	ug/l	100
79) 2-Chlorotoluene	12.68	91	2633749	43.63	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3227137	46.67	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	221460	44.89	ug/l	98
82) 4-Chlorotoluene	12.77	91	2666549	43.94	ug/l	99
83) tert-Butylbenzene	12.99	119	2740768	46.14	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3313935	46.64	ug/l	100
85) sec-Butylbenzene	13.17	105	3636268	46.20	ug/l	100
86) p-Isopropyltoluene	13.29	119	3231519	47.40	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1754999	45.75	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1723672	45.76	ug/l	100
89) n-Butylbenzene	13.62	91	2621563	44.92	ug/l	99
90) Hexachloroethane	13.88	117	343655	47.99	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1732564	47.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	140251	48.31	ug/l	97

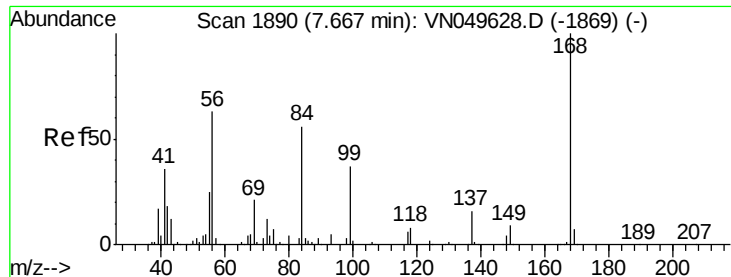
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	805214	42.22	ug/l	99
94) Hexachlorobutadiene	15.01	225	519350	46.65	ug/l	99
95) Naphthalene	15.14	128	1746027	41.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	793567	43.63	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

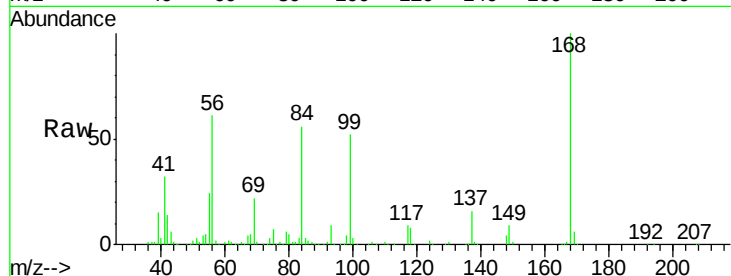
ClientSampled :

Tot Ion:168 Resp: 1346377

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

7.67

600000

500000

400000

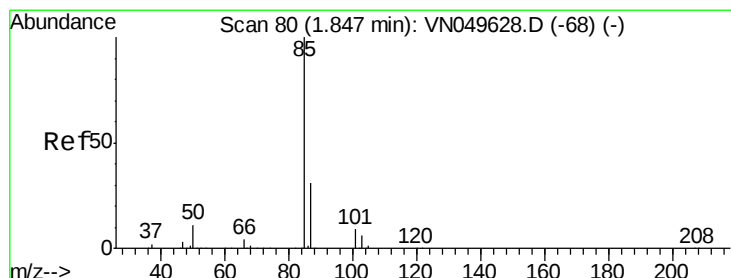
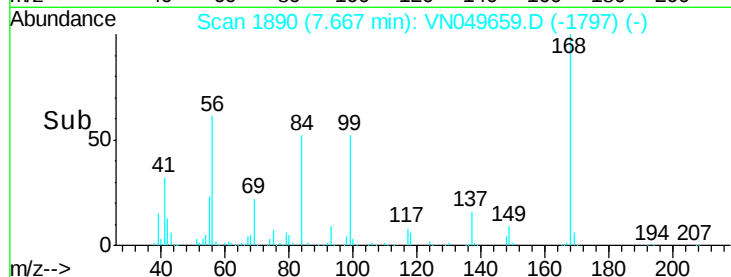
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.85 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049659.D

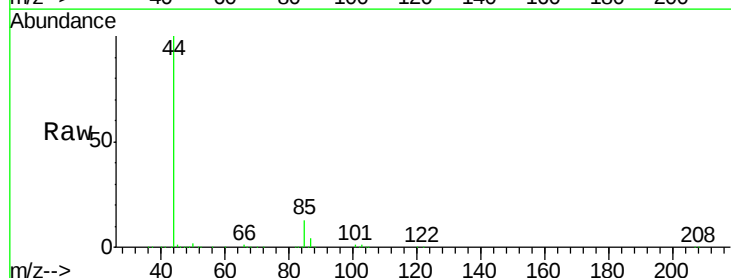
Acq: 30 Jun 2018 20:27

Tgt Ion: 85 Resp: 695683

Ion Ratio Lower Upper

85 100

87 32.8 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

600000

500000

400000

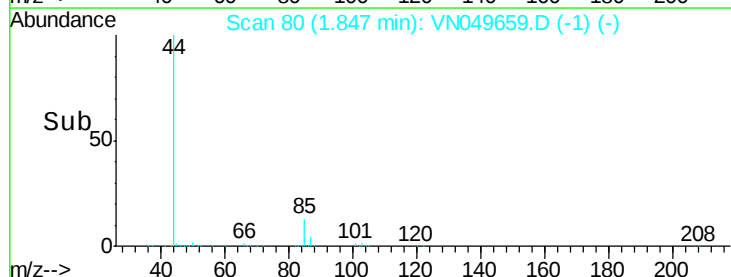
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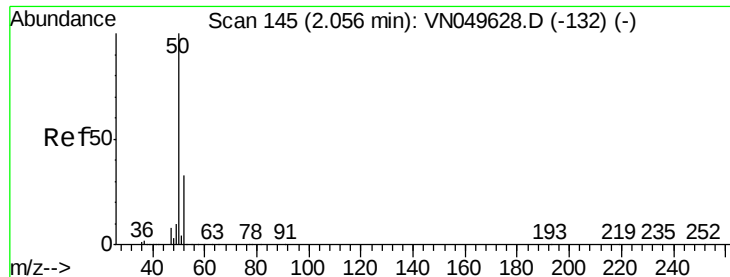
200000

100000

0

Time-->





#3

Chloromethane

Concen: 43.70 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

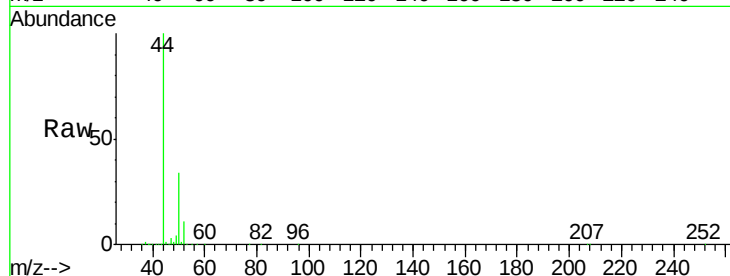
ClientSampleId :

Tot Ion: 50 Resp: 828105

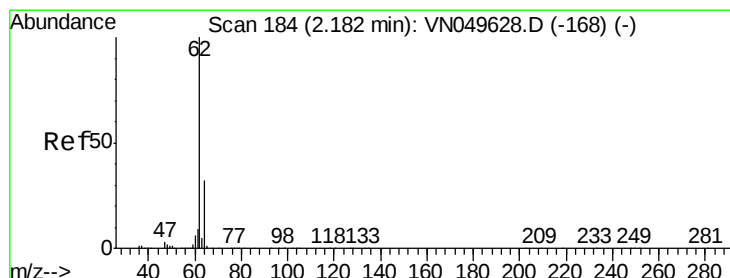
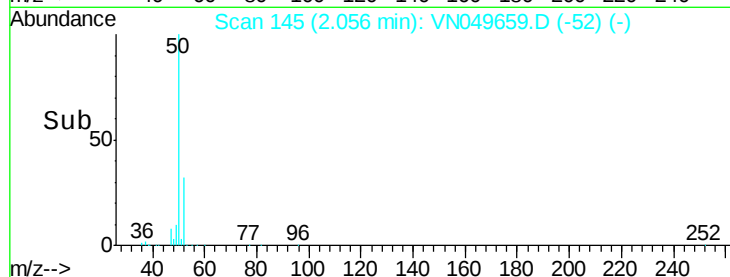
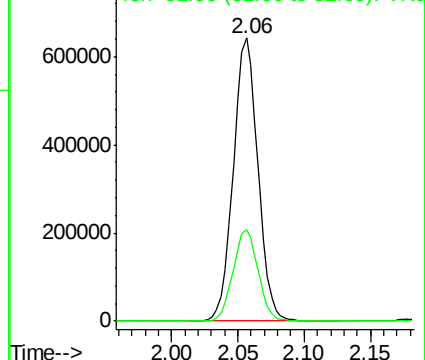
Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 44.83 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049659.D

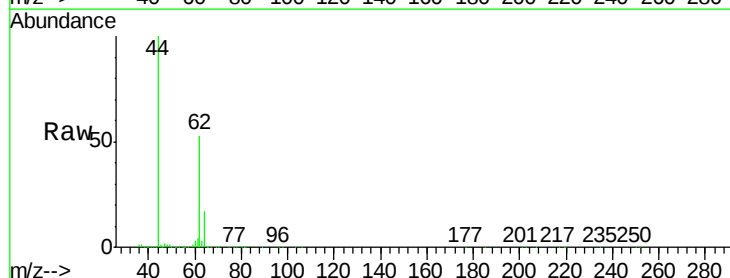
Acq: 30 Jun 2018 20:27

Tgt Ion: 62 Resp: 912357

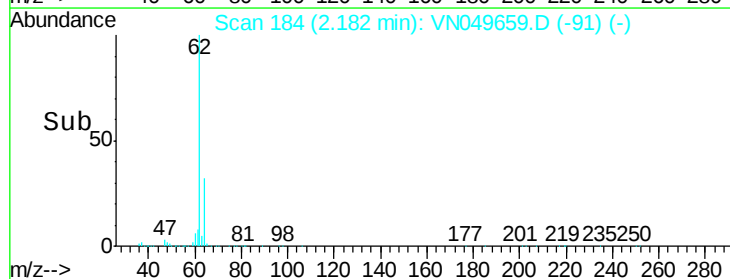
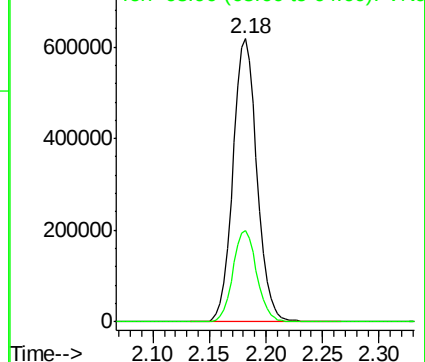
Ion Ratio Lower Upper

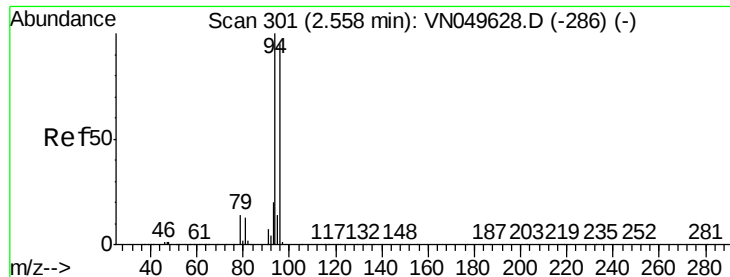
62 100

64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 42.89 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

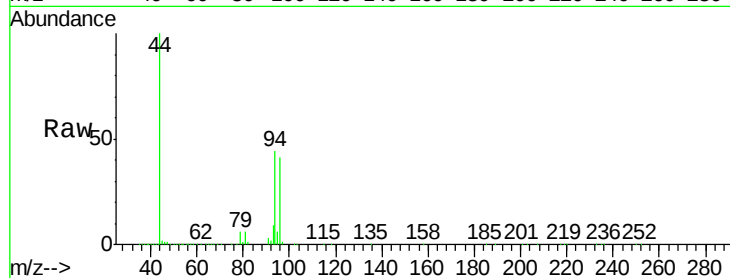
ClientSampled :

Tot Ion: 94 Resp: 458517

Ion Ratio Lower Upper

94 100

96 93.6 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

250000

200000

150000

100000

50000

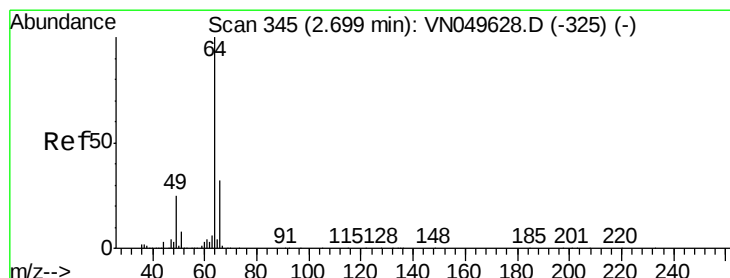
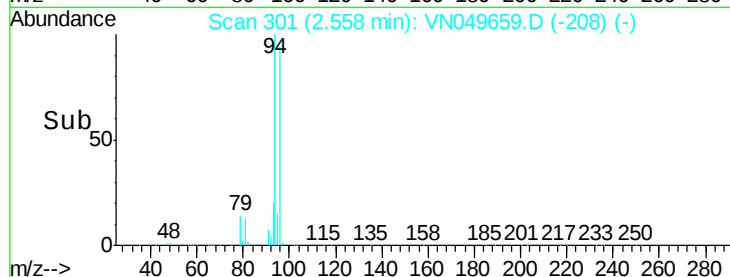
0

2.56

2.50

2.60

Time-->



#6

Chloroethane

Concen: 44.46 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049659.D

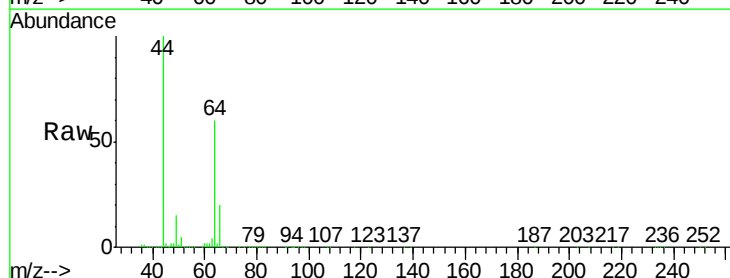
Acq: 30 Jun 2018 20:27

Tgt Ion: 64 Resp: 572821

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

300000

200000

100000

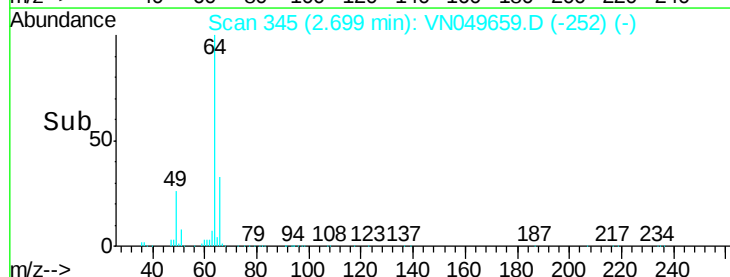
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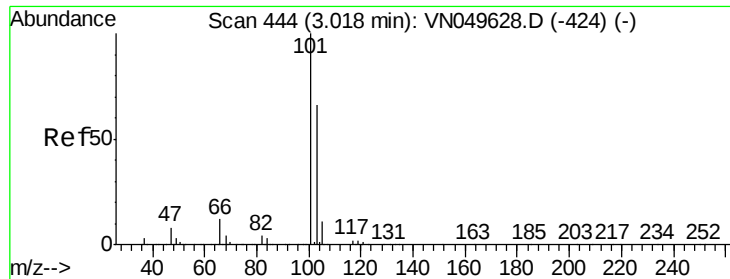
2.70

2.60

2.80

Time-->



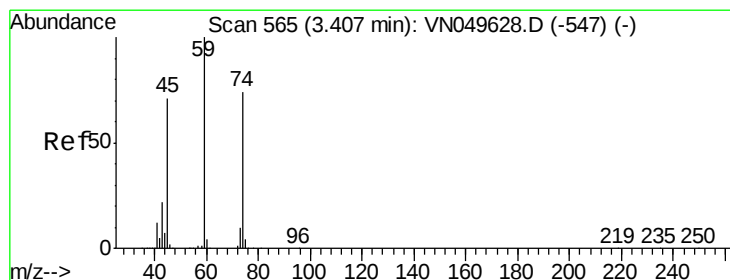
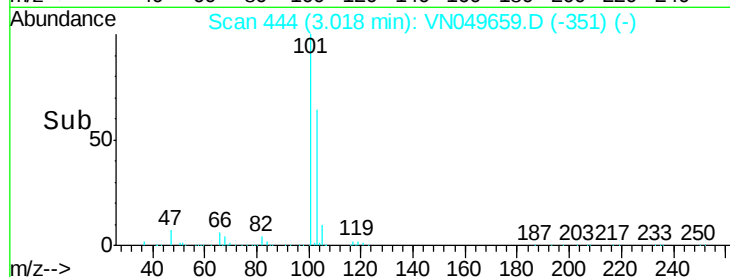
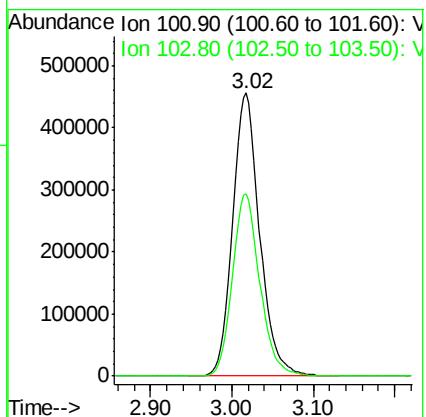
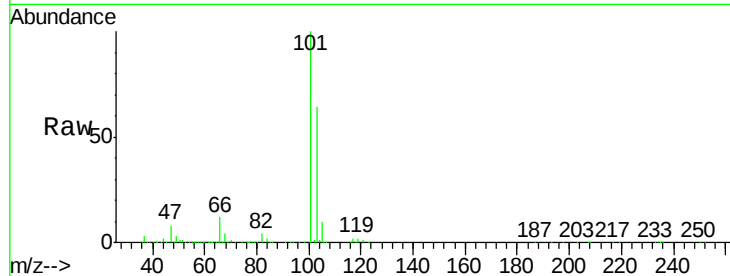


#7

Trichlorofluoromethane
Concen: 45.33 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Instrument :
MSVOA_N
ClientSampled :

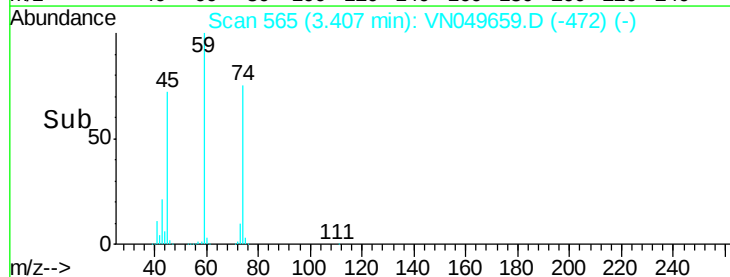
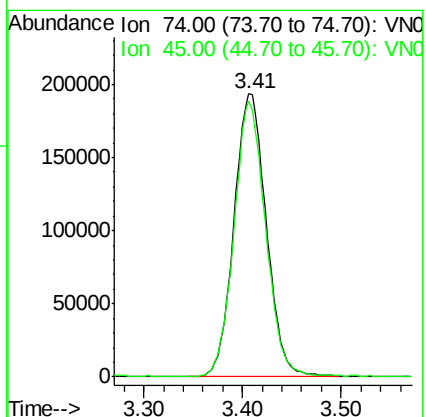
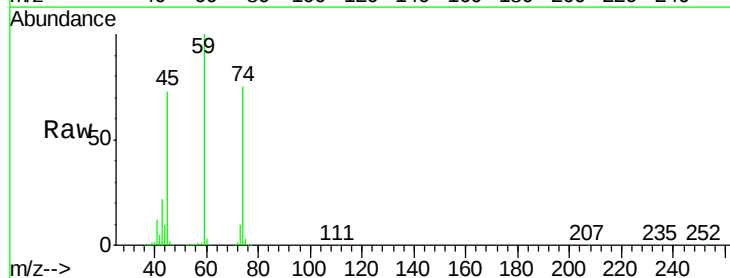
Tot Ion:101 Resp: 1053902
Ion Ratio Lower Upper
101 100
103 64.4 52.8 79.2

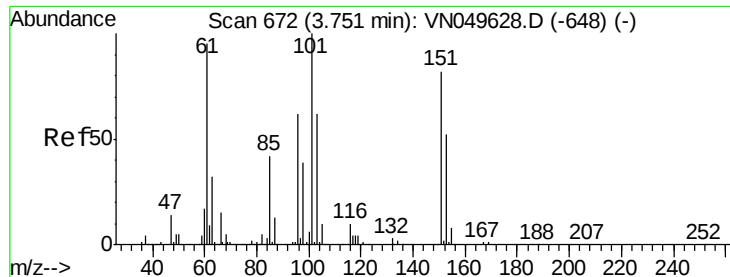


#8

Diethyl Ether
Concen: 46.72 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 74 Resp: 440323
Ion Ratio Lower Upper
74 100
45 94.5 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.18 ug/l

RT: 3.75 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

ClientSampleId :

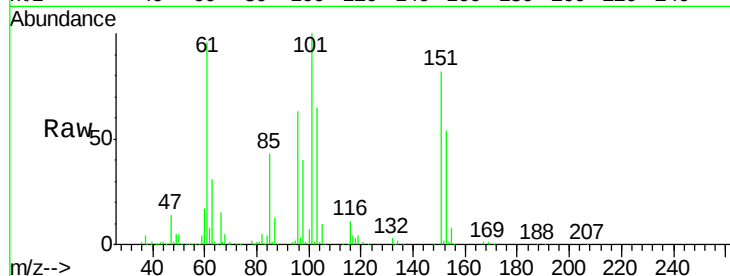
Tot Ion:101 Resp: 738963

Ion Ratio Lower Upper

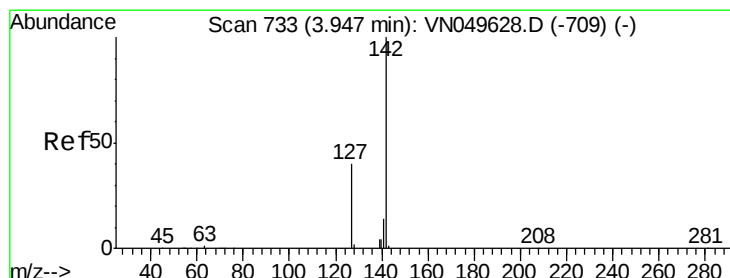
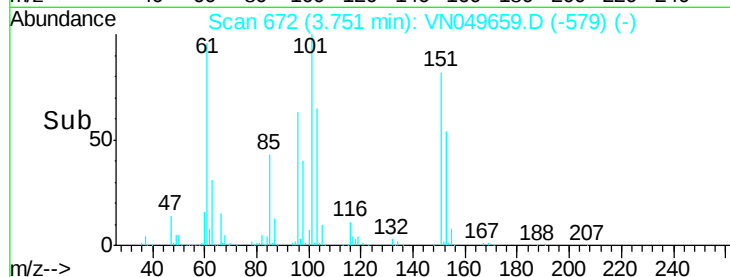
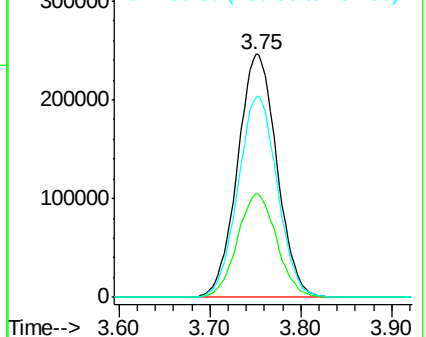
101 100

85 42.5 34.4 51.6

151 82.7 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: 47.50 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

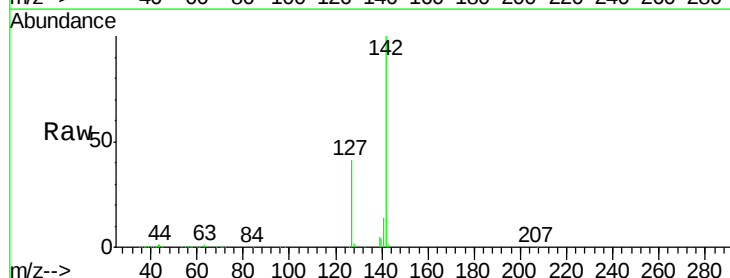
Tgt Ion:142 Resp: 994366

Ion Ratio Lower Upper

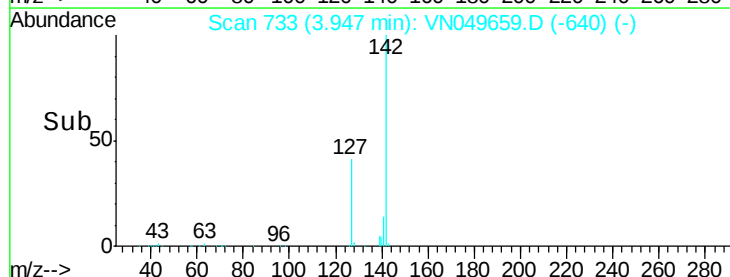
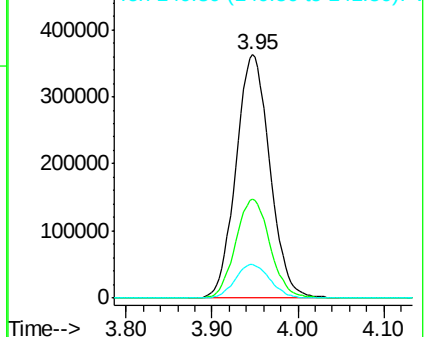
142 100

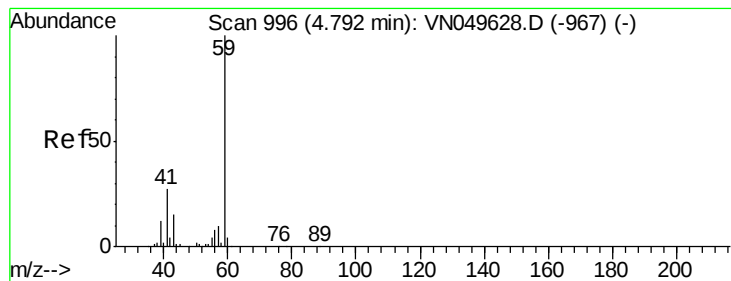
127 41.4 32.5 48.7

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



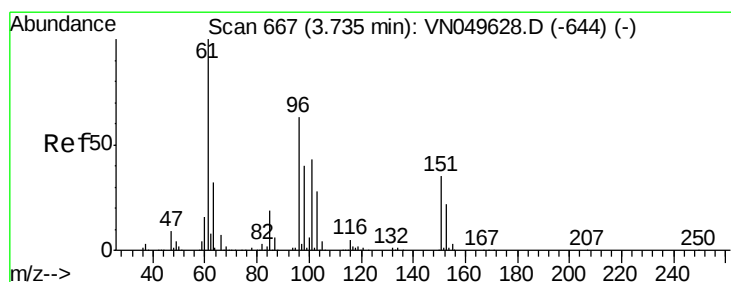
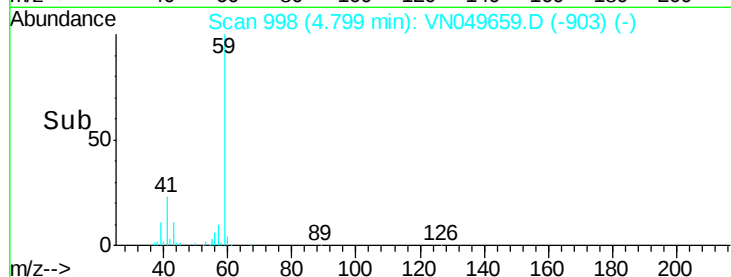
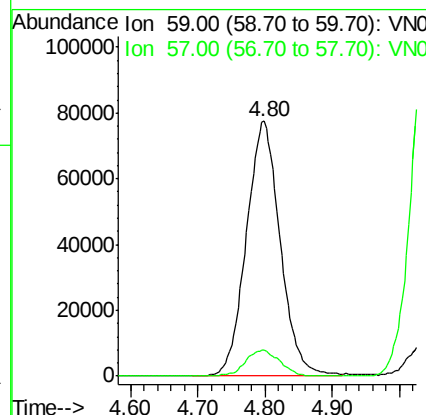
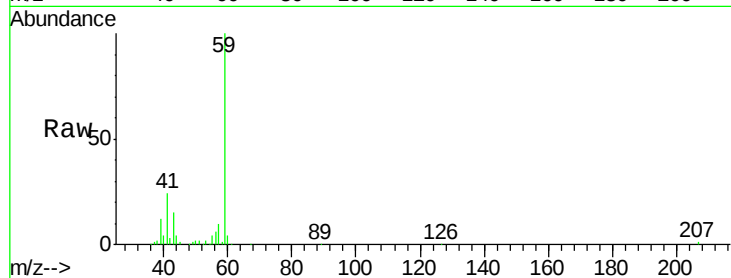


#11

Tert butyl alcohol
Concen: 265.39 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.01 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Instrument :
MSVOA_N
ClientSampleId :

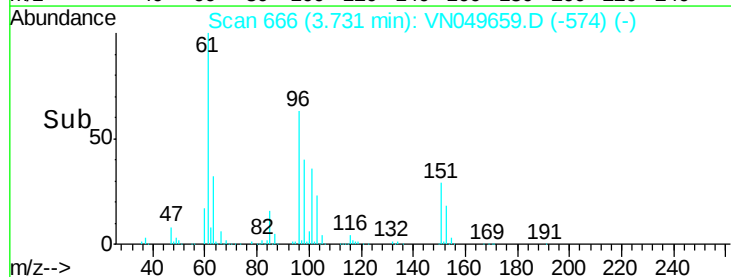
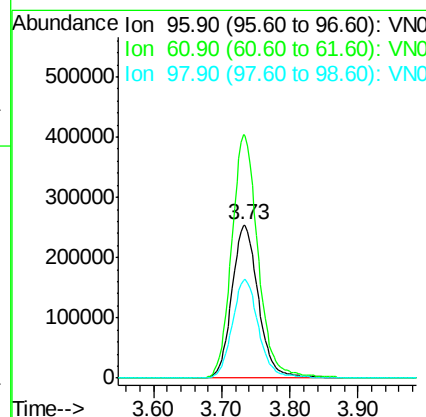
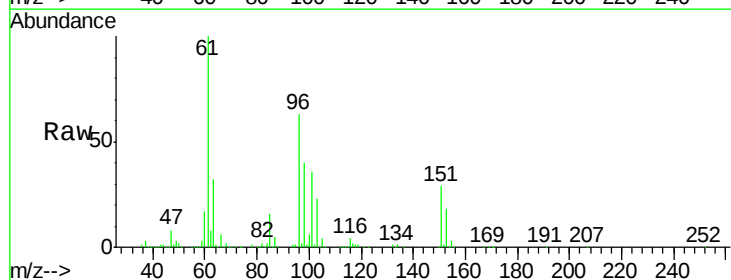
Tot Ion: 59 Resp: 270779
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

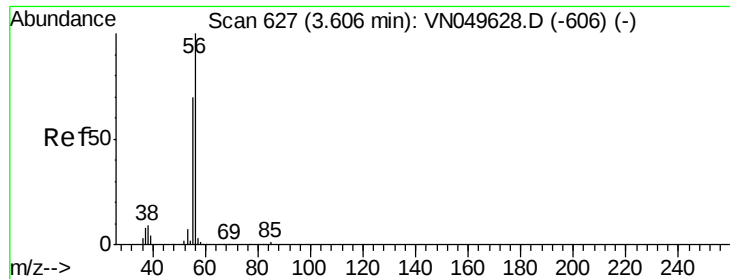


#12

1,1-Dichloroethene
Concen: 43.44 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 96 Resp: 686994
Ion Ratio Lower Upper
96 100
61 158.7 126.5 189.7
98 63.9 51.0 76.6





#13

Acrolein

Concen: 221.90 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

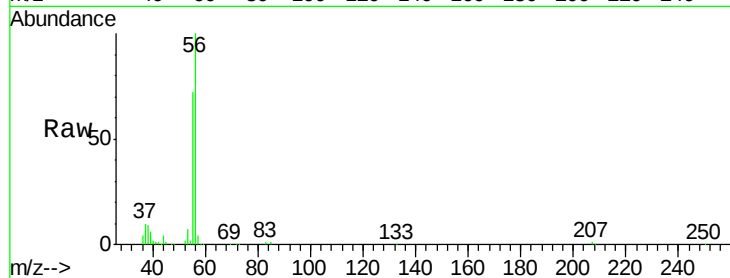
ClientSampleId :

Tot Ion: 56 Resp: 211474

Ion Ratio Lower Upper

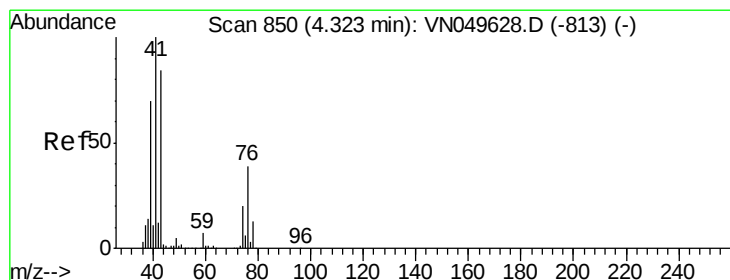
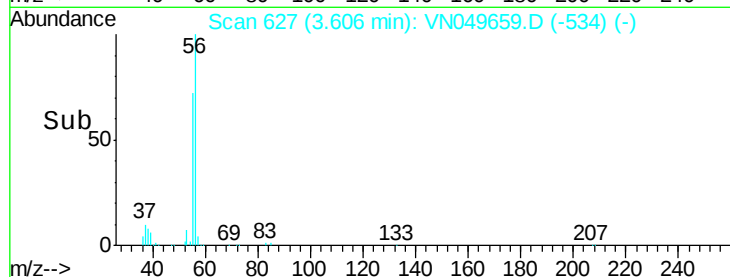
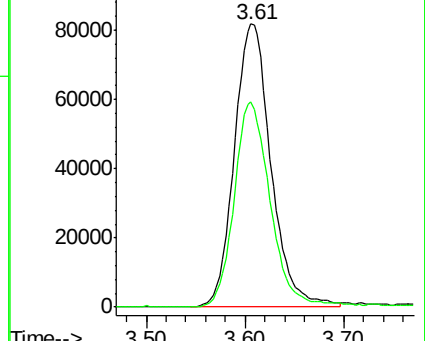
56 100

55 70.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 45.28 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

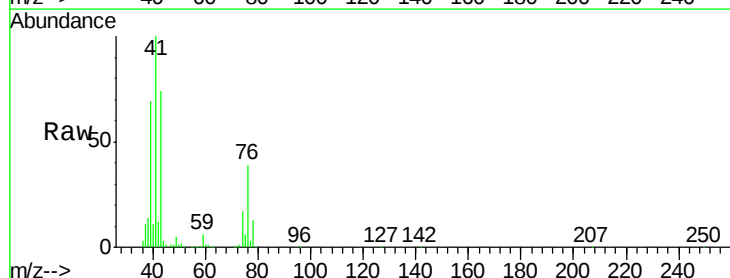
Tgt Ion: 41 Resp: 983630

Ion Ratio Lower Upper

41 100

39 66.4 53.2 79.8

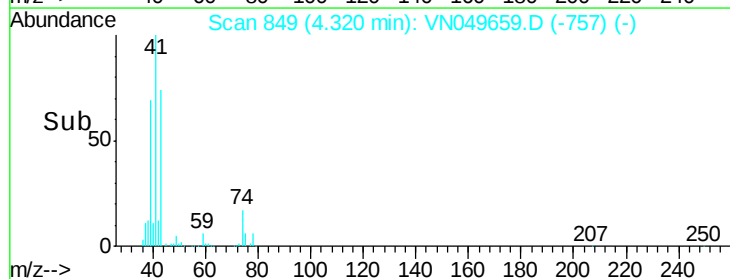
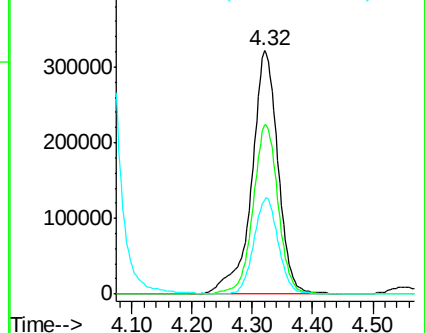
76 36.0 29.0 43.6

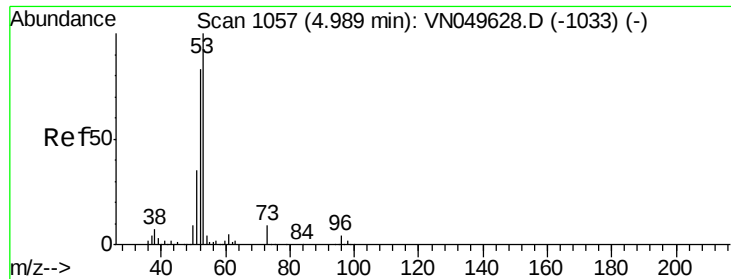


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 248.94 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

ClientSampleId :

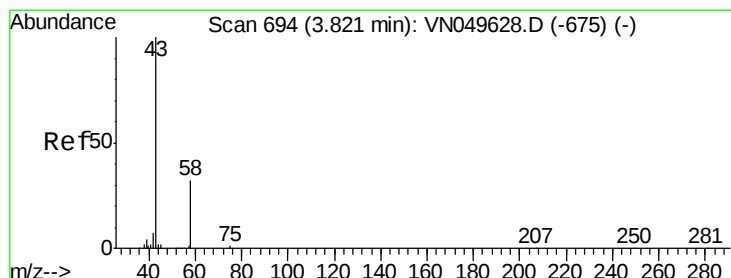
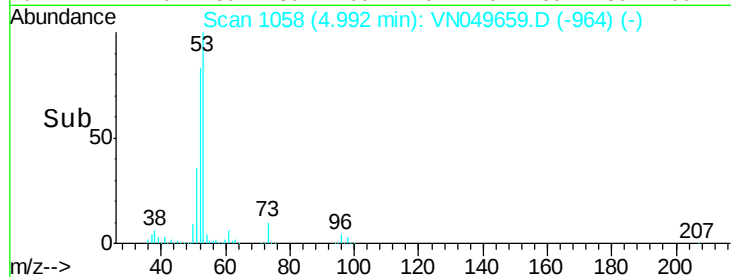
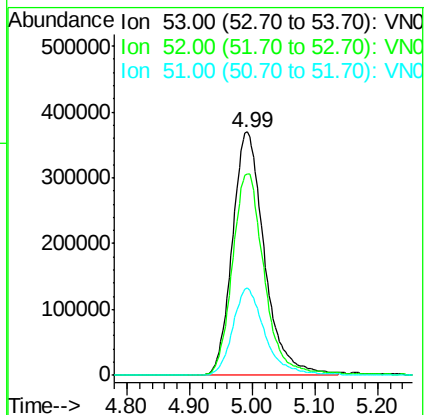
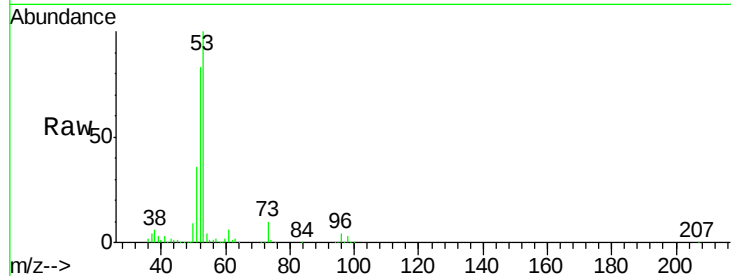
Tot Ion: 53 Resp: 1311842

Ion Ratio Lower Upper

53 100

52 82.4 64.8 97.2

51 36.0 28.9 43.3



#16

Acetone

Concen: 264.99 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049659.D

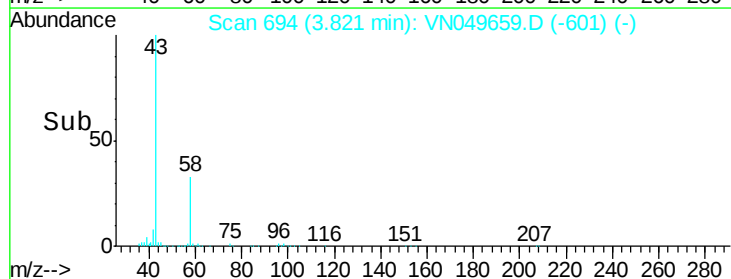
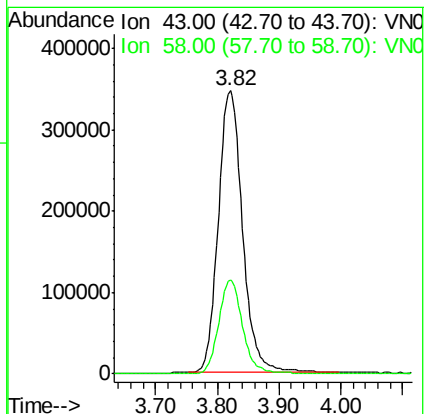
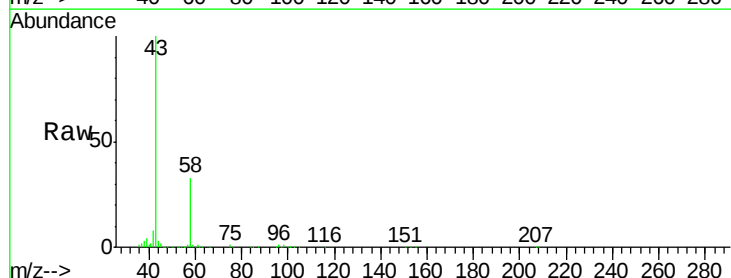
Acq: 30 Jun 2018 20:27

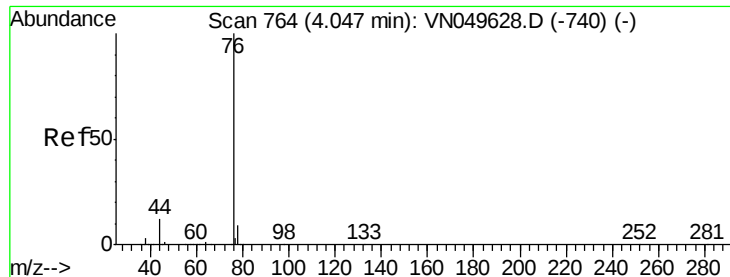
Tgt Ion: 43 Resp: 944506

Ion Ratio Lower Upper

43 100

58 33.3 25.9 38.9





#17

Carbon Disulfide

Concen: 42.76 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

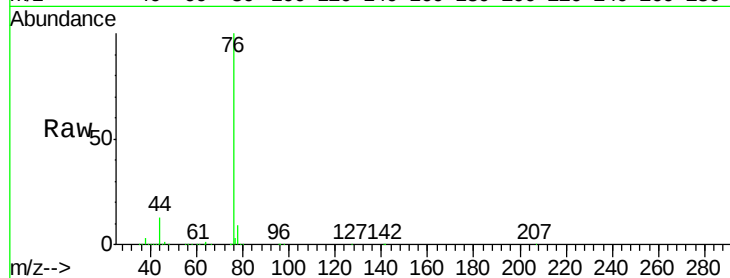
ClientSampleId :

Tot Ion: 76 Resp: 1863556

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN049628.D (-740) (-)

Ion 77.90 (77.60 to 78.60): VN049628.D (-740) (-)

4.05

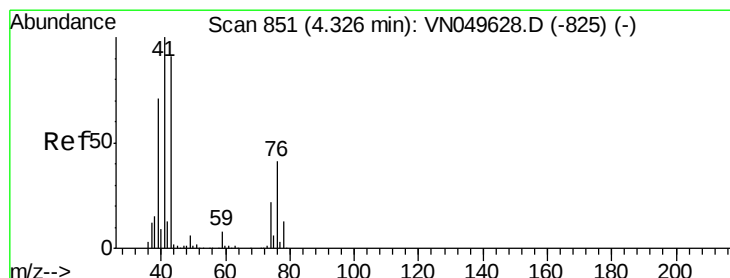
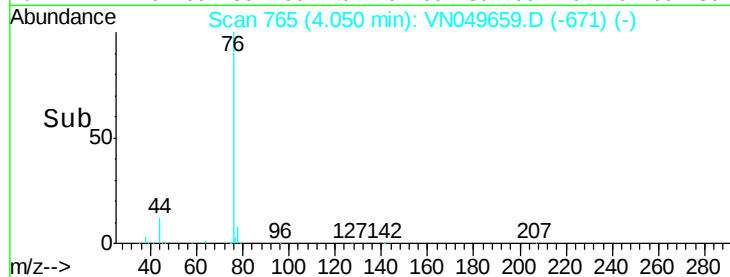
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 48.01 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049659.D

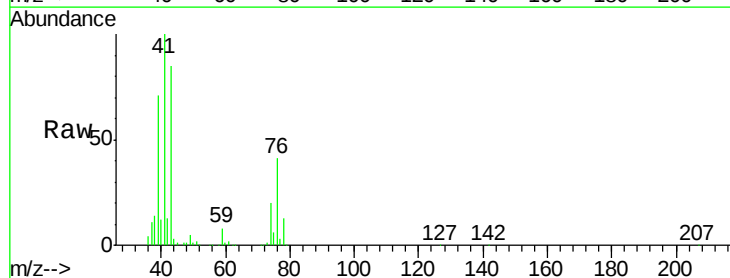
Acq: 30 Jun 2018 20:27

Tgt Ion: 43 Resp: 759709

Ion Ratio Lower Upper

43 100

74 23.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-825) (-)

Ion 74.00 (73.70 to 74.70): VN049628.D (-825) (-)

4.33

300000

250000

200000

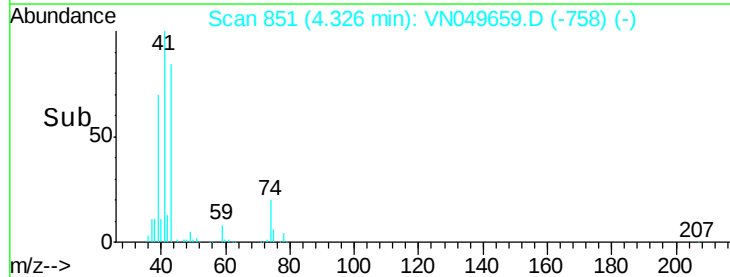
150000

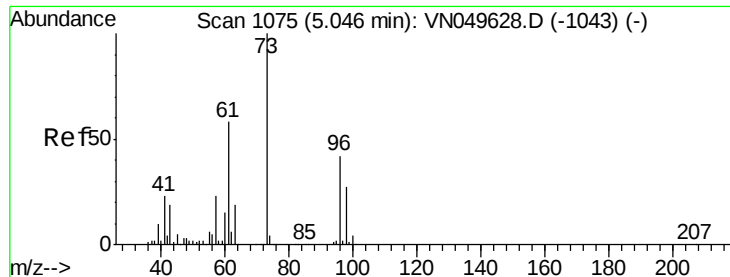
100000

50000

0

Time-->



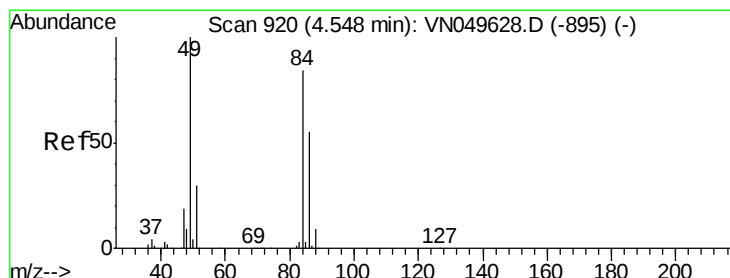
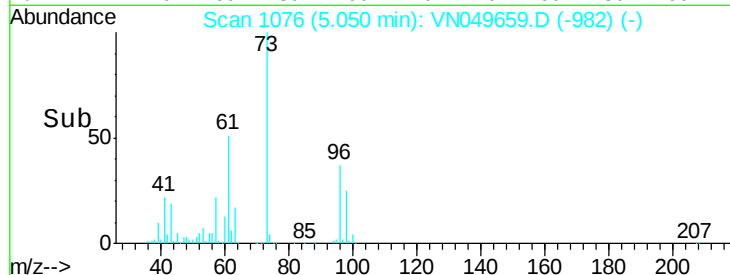
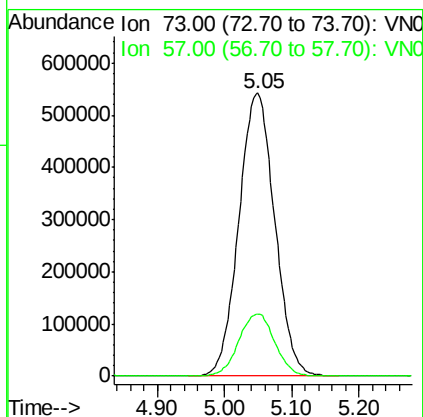
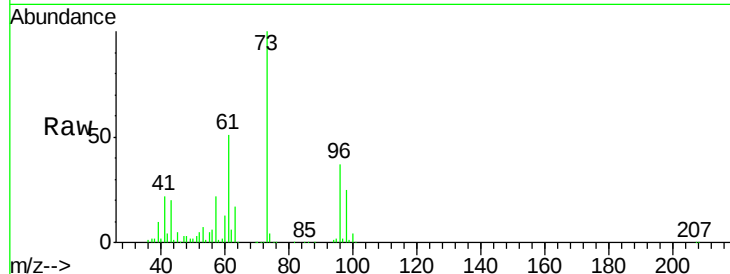


#19

Methyl tert-butyl Ether
 Concen: 49.19 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Instrument :
 MSVOA_N
 ClientSampled :

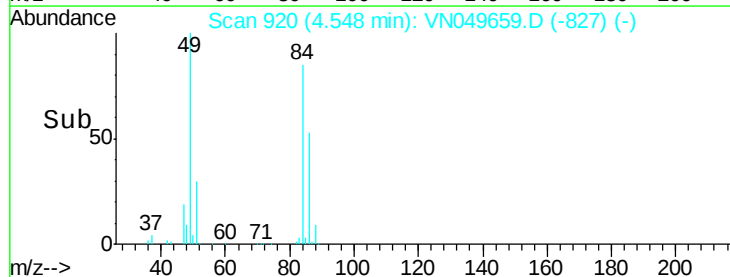
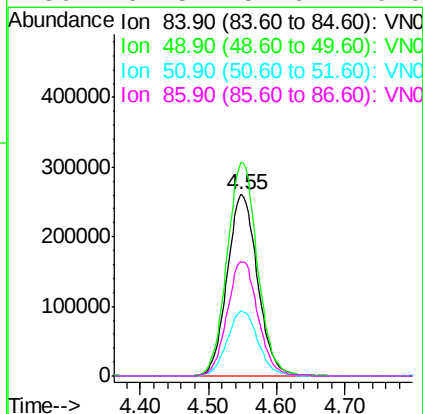
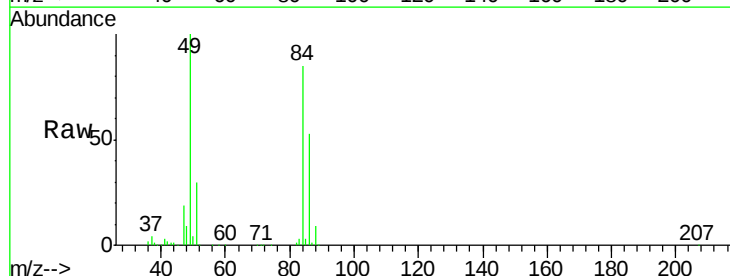
Tot Ion: 73 Resp: 2005345
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.1 27.1

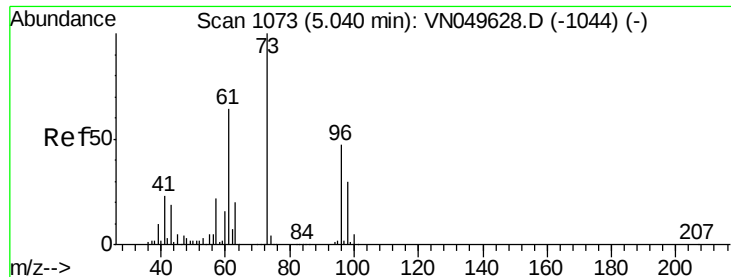


#20

Methylene Chloride
 Concen: 44.04 ug/l
 RT: 4.55 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Tgt Ion: 84 Resp: 806255
 Ion Ratio Lower Upper
 84 100
 49 117.5 95.4 143.2
 51 35.7 28.4 42.6
 86 62.8 52.6 79.0

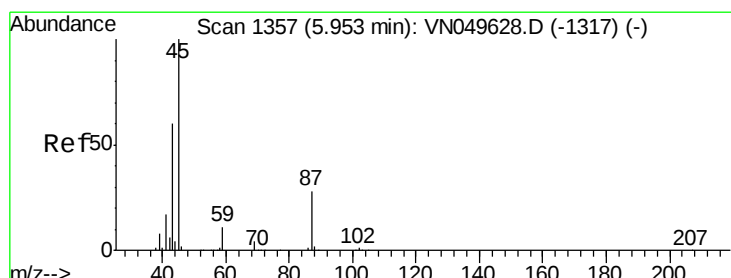
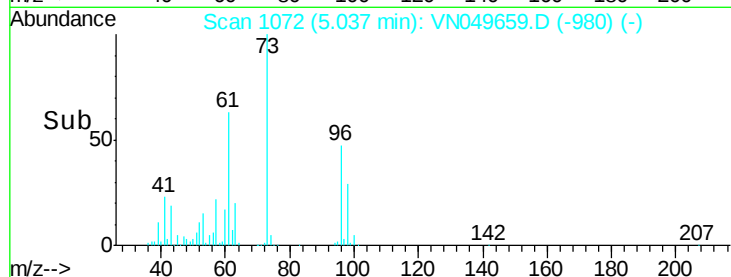
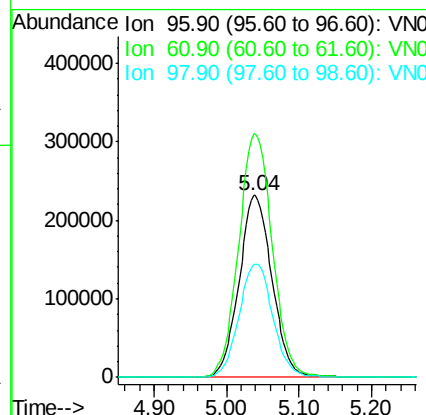
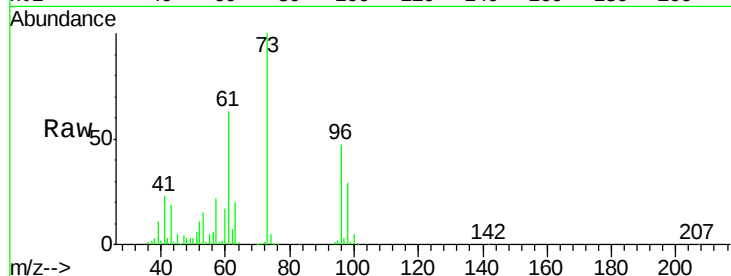




#21
trans-1,2-Dichloroethene
Concen: 45.00 ug/l
RT: 5.04 min Scan# 1072
Delta R.T. -0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

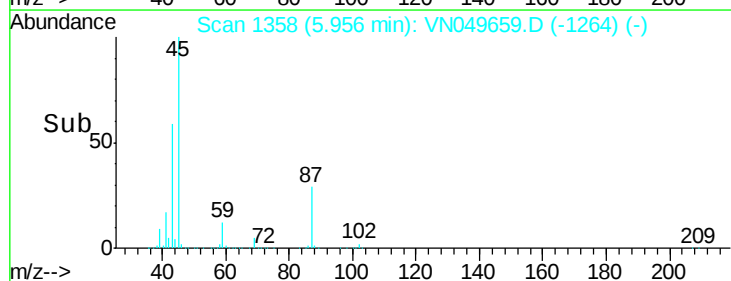
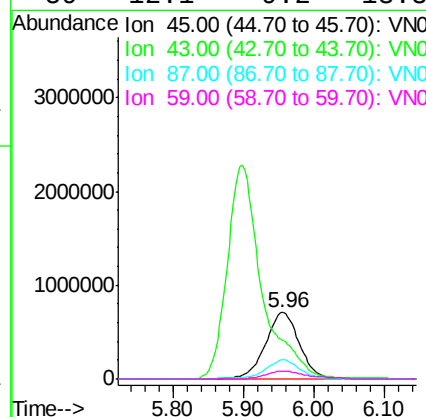
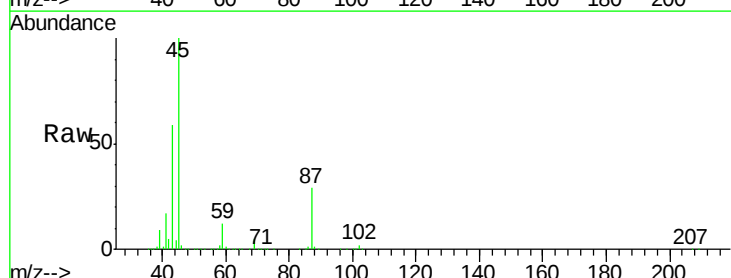
Instrument :
MSVOA_N
ClientSampleId :

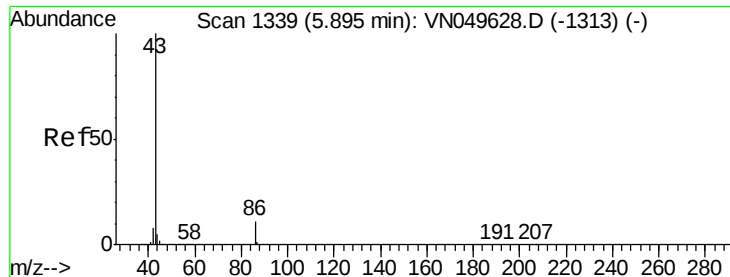
Tot Ion: 96 Resp: 732334
Ion Ratio Lower Upper
96 100
61 133.6 109.0 163.6
98 61.9 51.1 76.7



#22
Diisopropyl ether
Concen: 48.41 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 45 Resp: 2379158
Ion Ratio Lower Upper
45 100
43 58.6 48.1 72.1
87 28.2 22.6 34.0
59 12.1 9.2 13.8





#23

Vinyl Acetate

Concen: 247.28 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

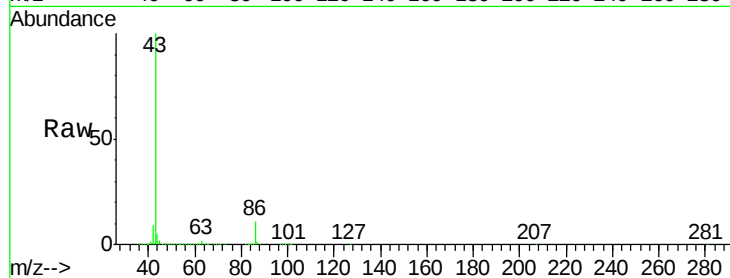
ClientSampled :

Tot Ion: 43 Resp: 7880585

Ion Ratio Lower Upper

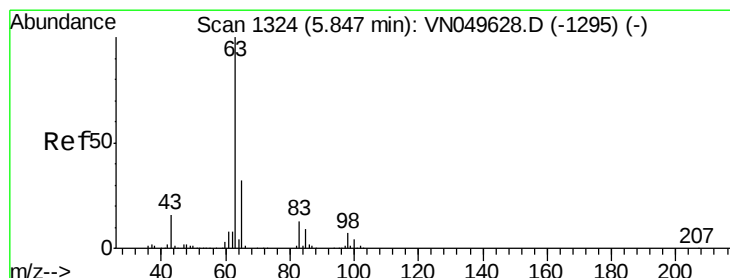
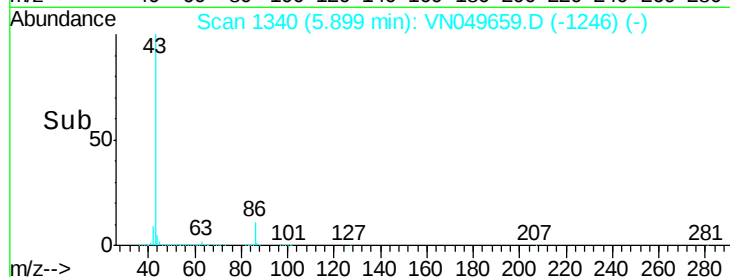
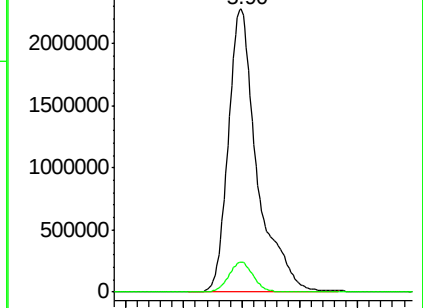
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-1313) (-)

Ion 86.00 (85.70 to 86.70): VN049628.D (-1313) (-)



#24

1,1-Dichloroethane

Concen: 45.82 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

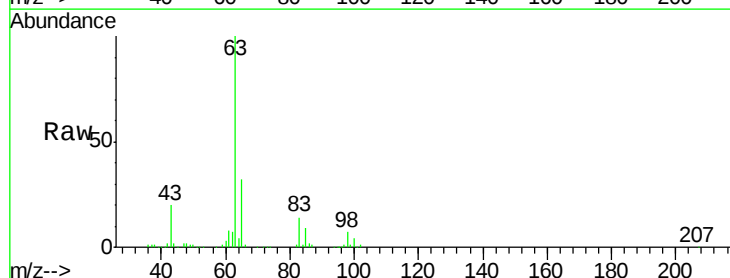
Tgt Ion: 63 Resp: 1418717

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

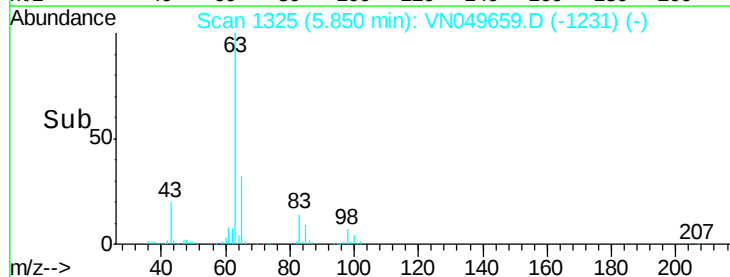
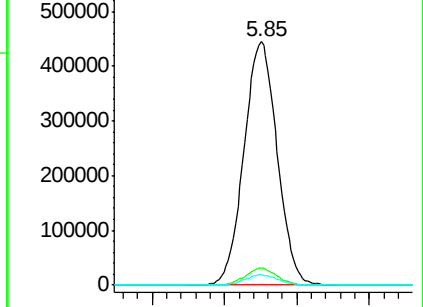
100 4.2 2.2 6.6

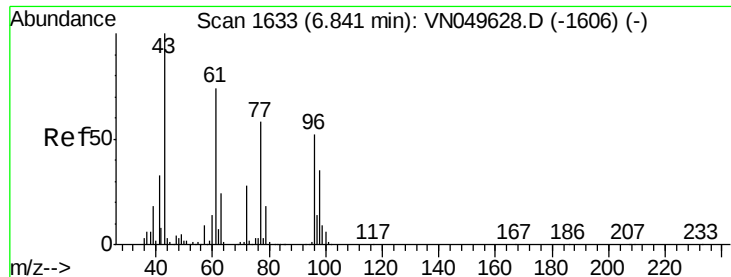


Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-1295) (-)

Ion 97.90 (97.60 to 98.60): VN049628.D (-1295) (-)

Ion 99.90 (99.60 to 100.60): VN049628.D (-1295) (-)

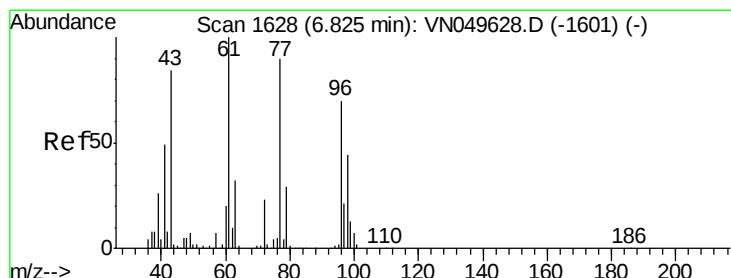
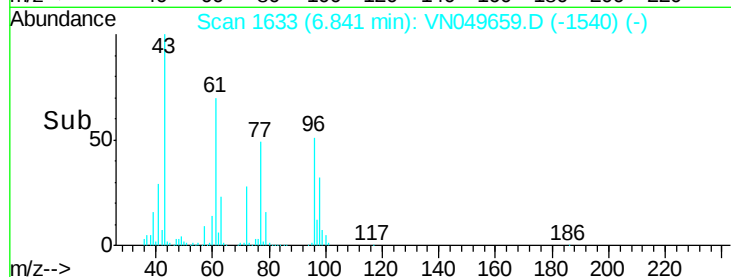
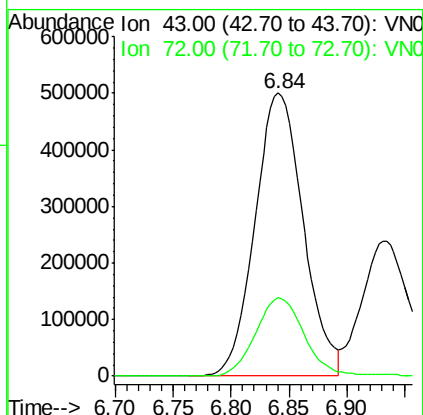
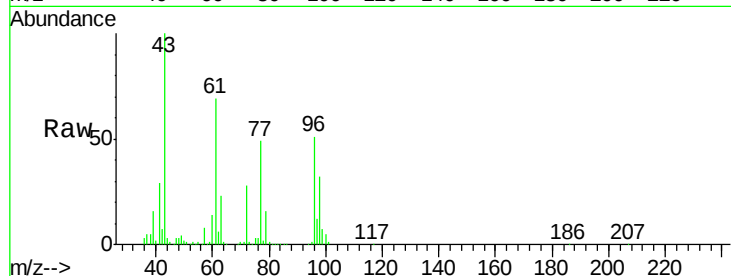




#25
2-Butanone
Concen: 244.38 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

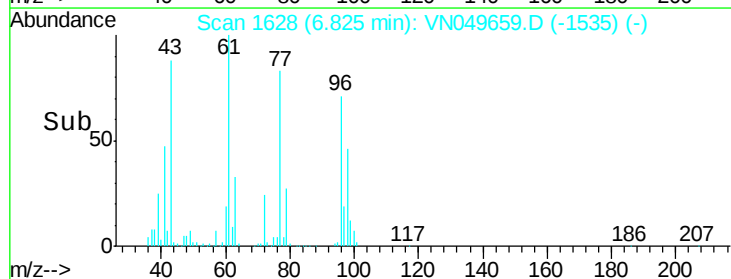
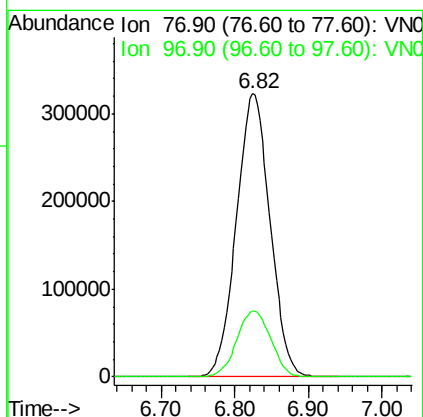
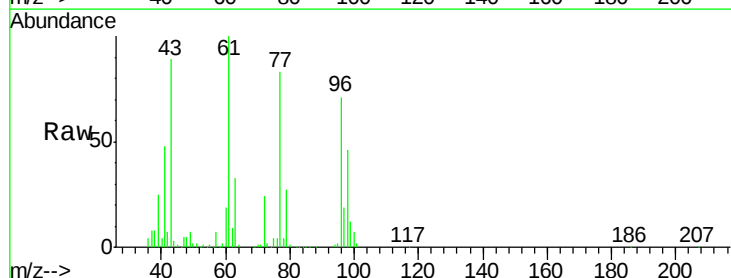
Instrument :
MSVOA_N
ClientSampleId :

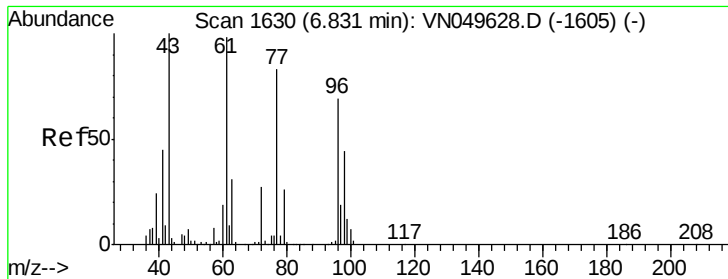
Tot Ion: 43 Resp: 1442479
Ion Ratio Lower Upper
43 100
72 27.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 39.86 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 77 Resp: 1024976
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 46.48 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :
MSVOA_N
ClientSampled :

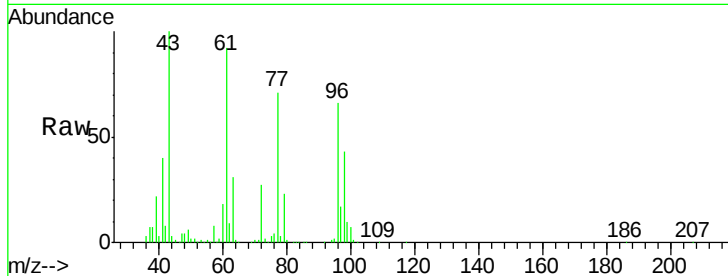
Tot Ion: 96 Resp: 845063

Ion Ratio Lower Upper

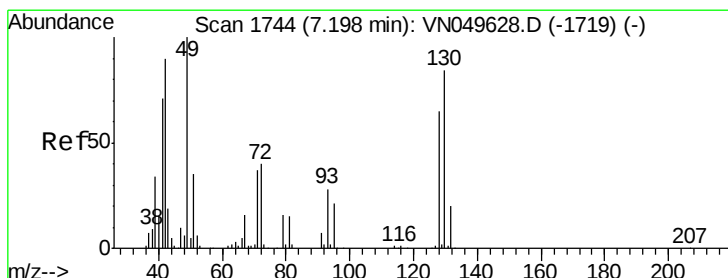
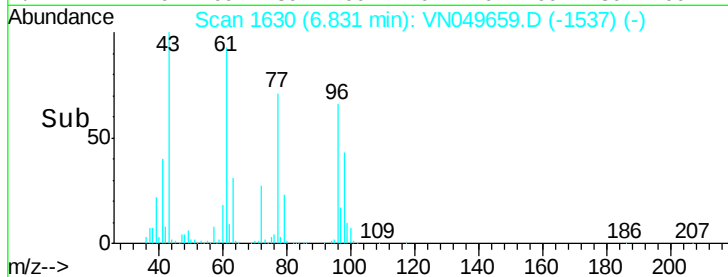
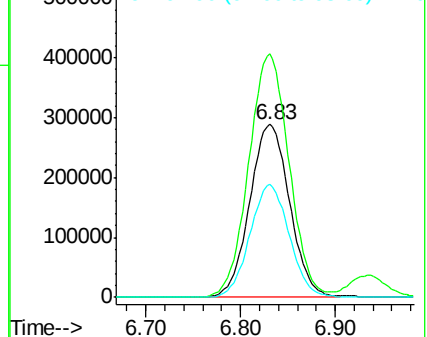
96 100

61 142.2 0.0 289.0

98 64.6 0.0 130.2



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



#28

Bromochloromethane

Concen: 49.33 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

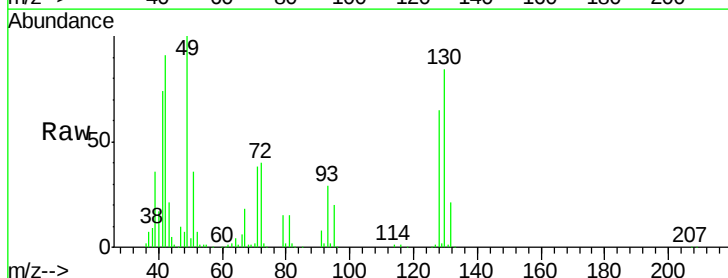
Tgt Ion: 49 Resp: 648180

Ion Ratio Lower Upper

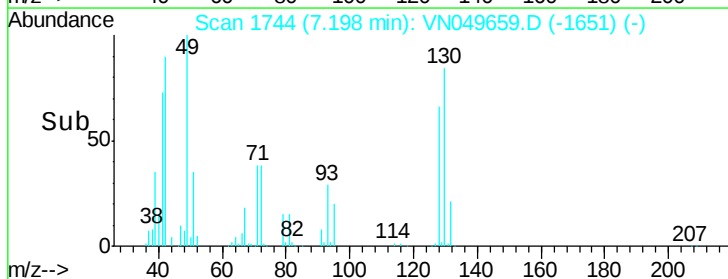
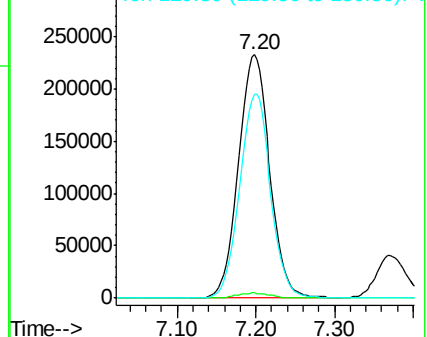
49 100

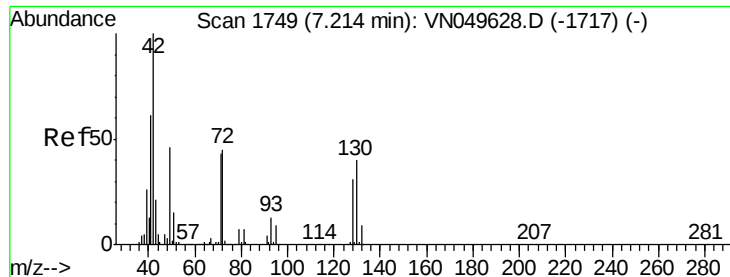
129 2.2 0.0 4.2

130 83.1 65.5 98.3



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

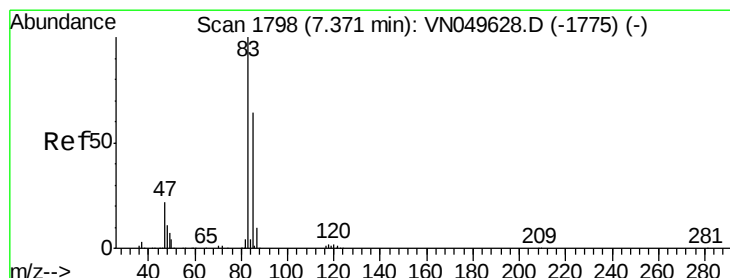
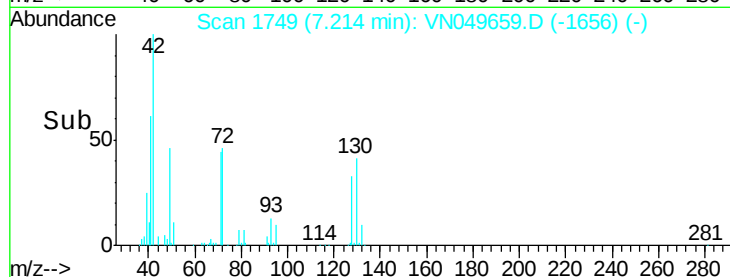
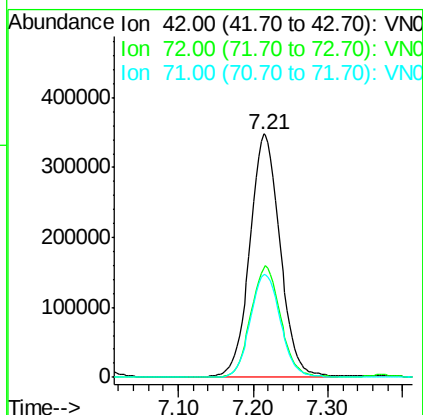
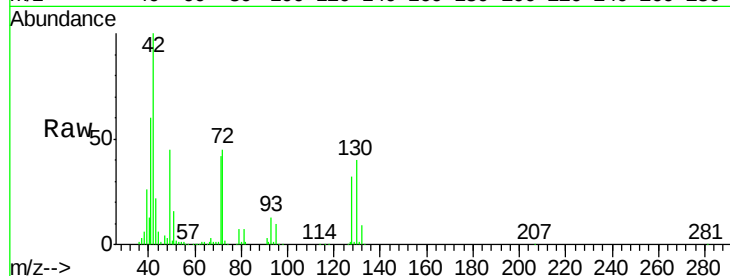




#29
Tetrahydrofuran
Concen: 260.08 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

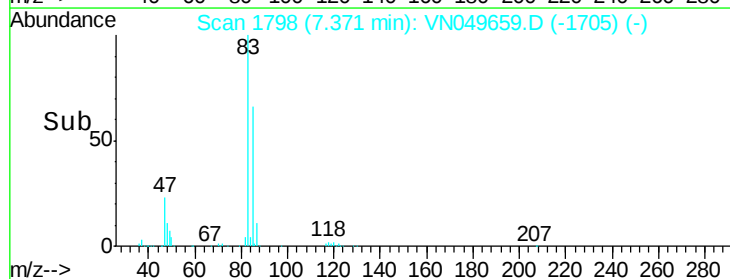
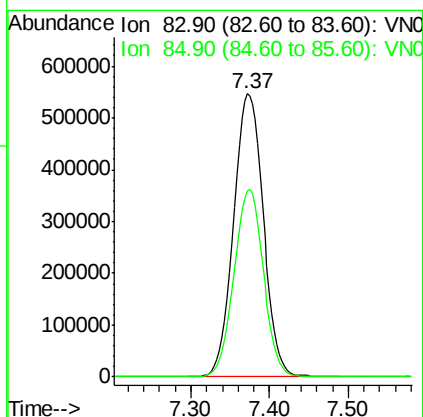
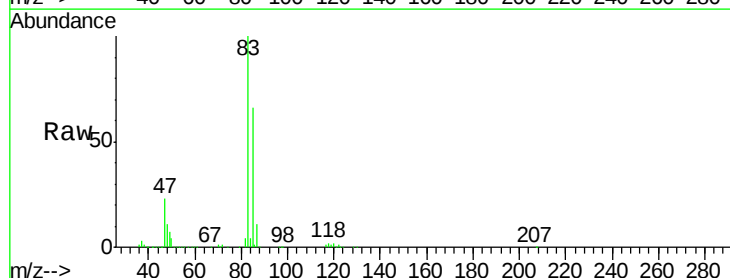
Instrument :
MSVOA_N
ClientSampleId :

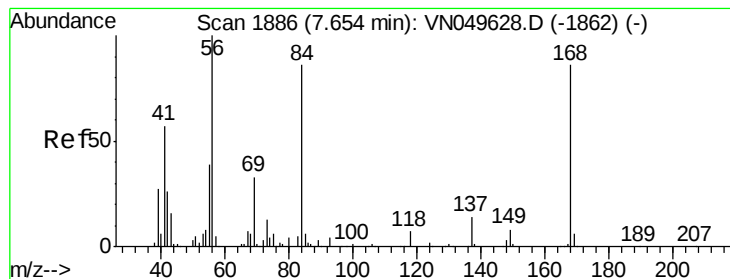
Tot Ion: 42 Resp: 978471
Ion Ratio Lower Upper
42 100
72 44.9 35.6 53.4
71 42.5 34.0 51.0



#30
Chloroform
Concen: 45.82 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 83 Resp: 1446077
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.2





#31

Cyclohexane

Concen: 44.63 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

ClientSampled :

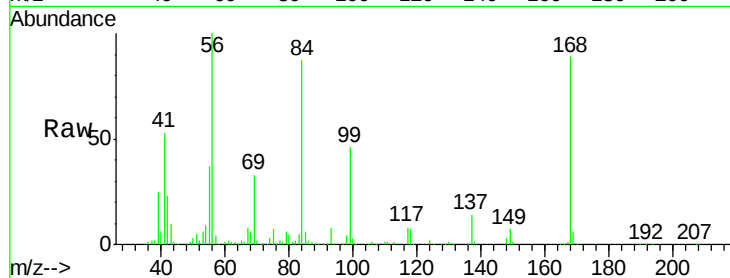
Tot Ion: 56 Resp: 1186448

Ion Ratio Lower Upper

56 100

69 33.1 26.6 40.0

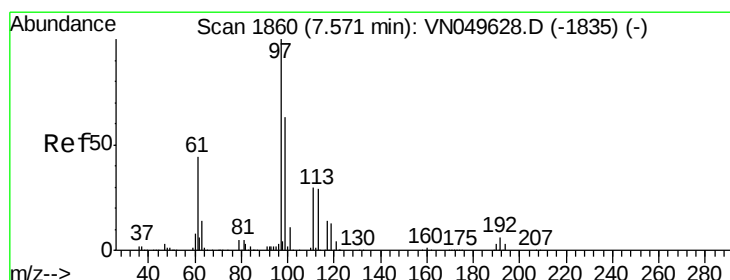
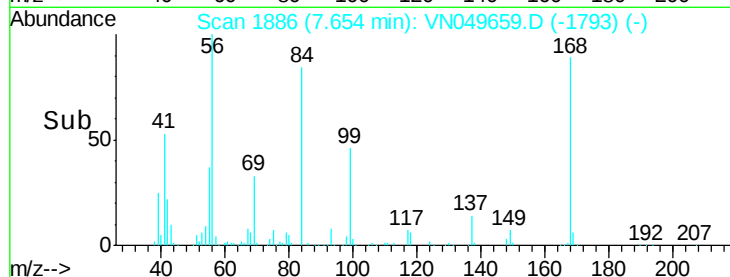
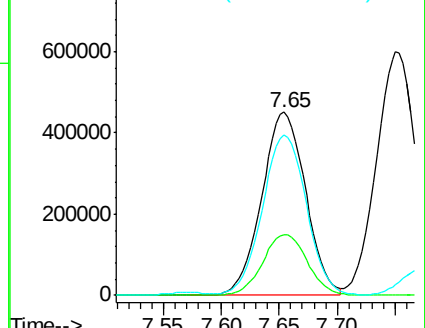
84 85.7 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN049628.D (-1862) (-)

Ion 69.00 (68.70 to 69.70): VN049628.D (-1862) (-)

Ion 84.00 (83.70 to 84.70): VN049628.D (-1862) (-)



#32

1,1,1-Trichloroethane

Concen: 46.39 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

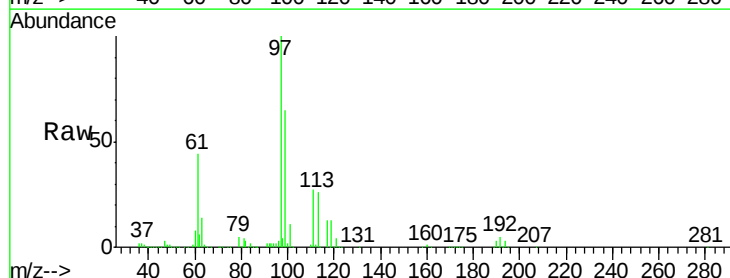
Tgt Ion: 97 Resp: 1239544

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.4

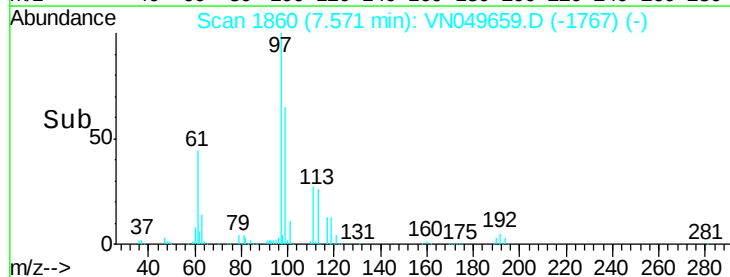
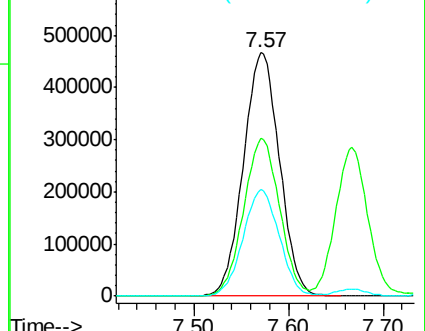
61 43.9 35.5 53.3

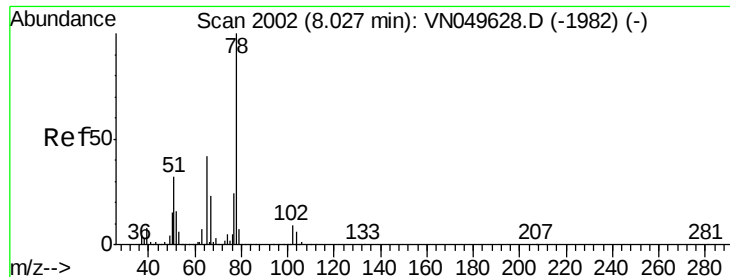


Abundance Ion 96.90 (96.60 to 97.60): VN049628.D (-1835) (-)

Ion 98.90 (98.60 to 99.60): VN049628.D (-1835) (-)

Ion 60.90 (60.60 to 61.60): VN049628.D (-1835) (-)

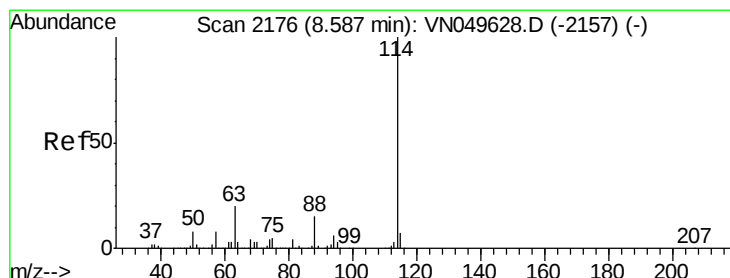
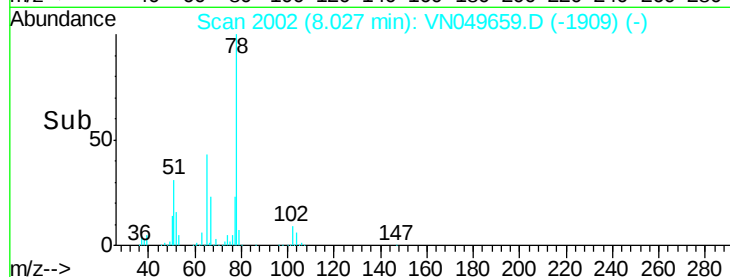
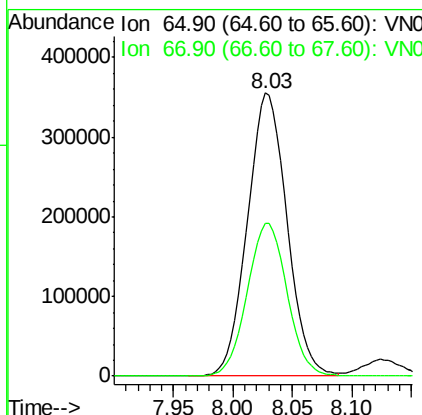
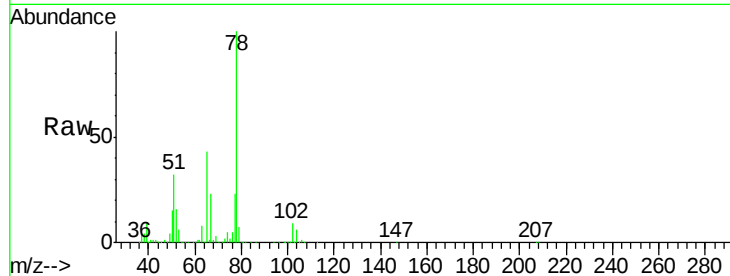




#33
 1,2-Dichloroethane-d4
 Concen: 46.14 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

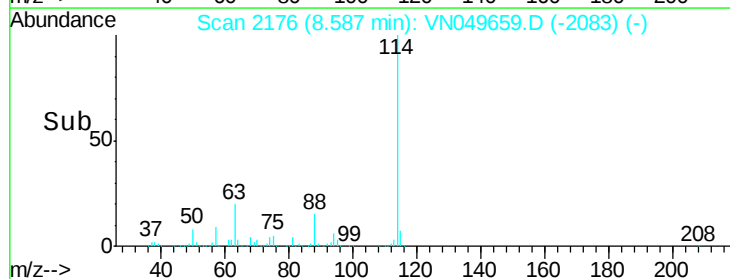
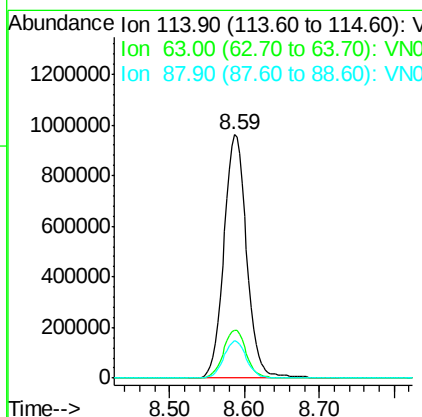
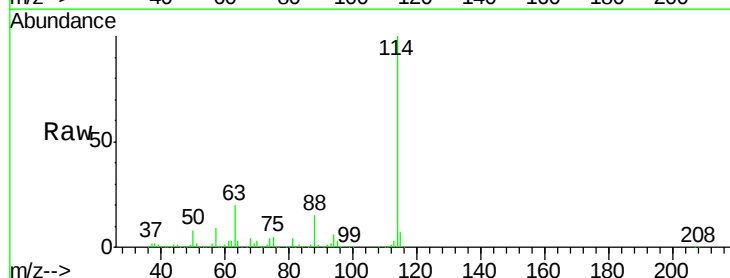
Instrument :
 MSVOA_N
 ClientSampleId :

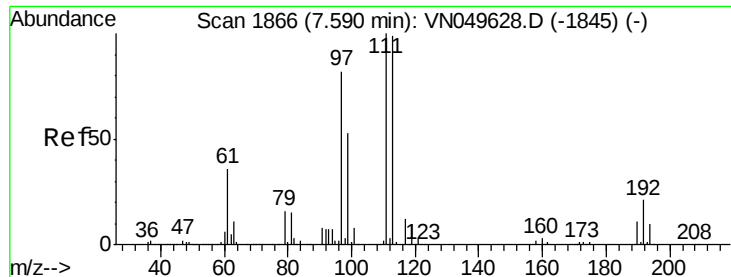
Tot Ion: 65 Resp: 820329
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Tgt Ion: 114 Resp: 2023409
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.2 0.0 30.6

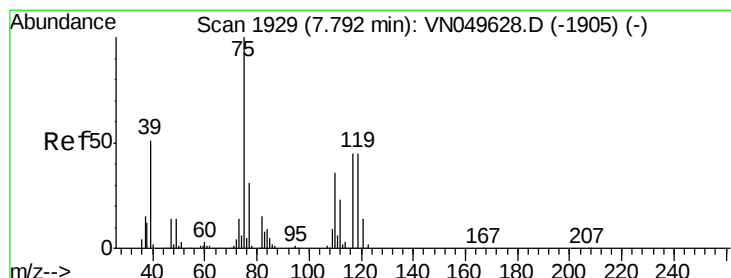
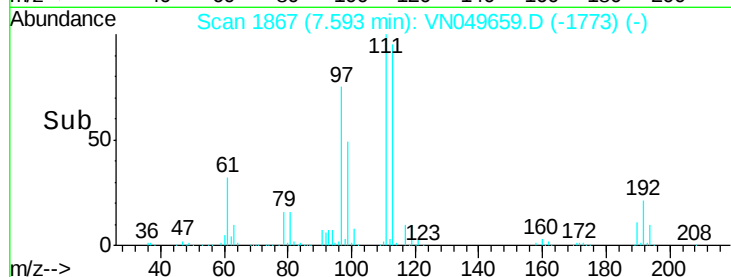
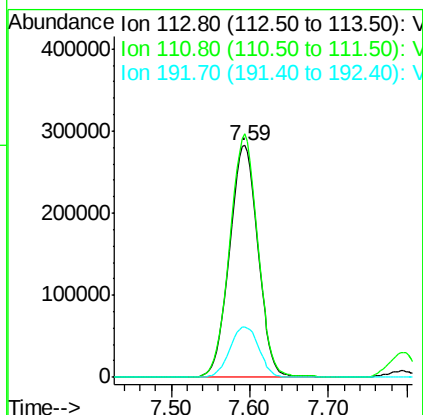
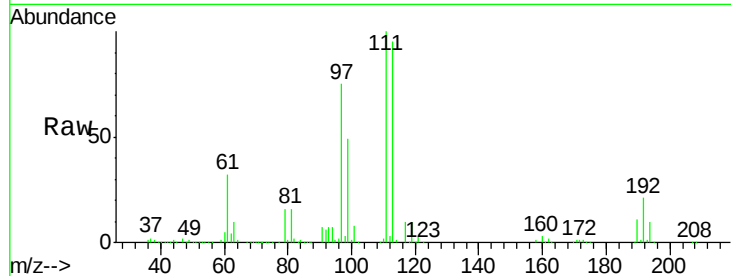




#35
 Dibromofluoromethane
 Concen: 47.06 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

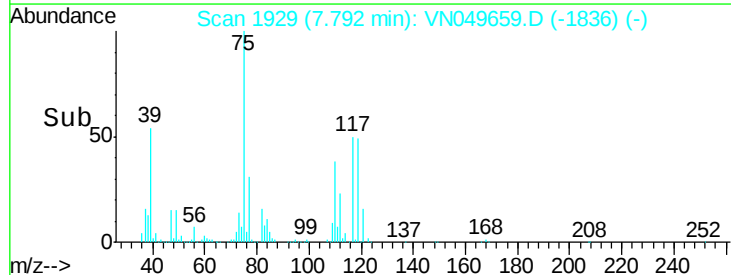
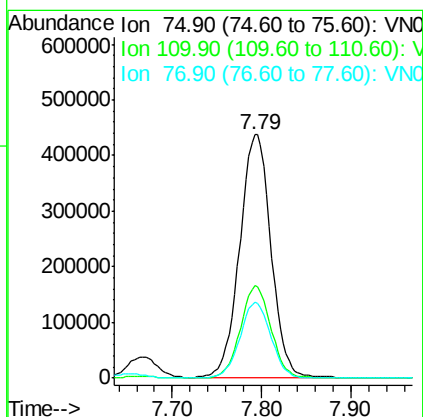
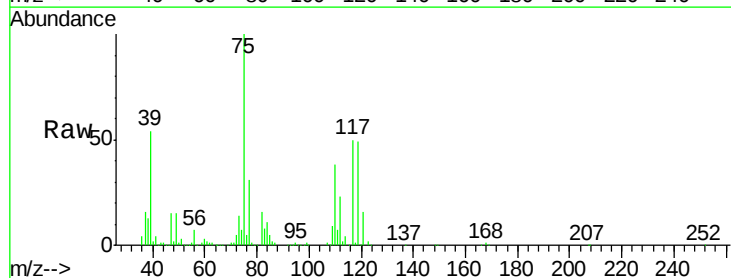
Instrument :
 MSVOA_N
 ClientSampleId :

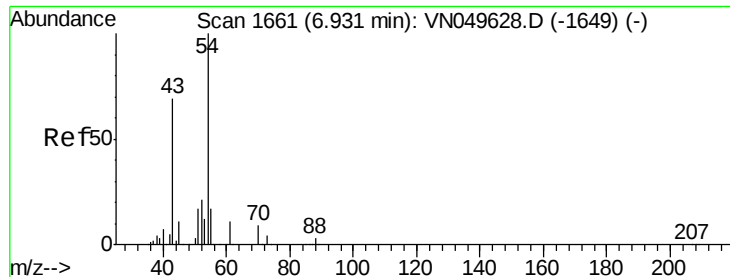
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	22.3	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 46.59 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.1	54.4
77	31.0	24.9	37.3

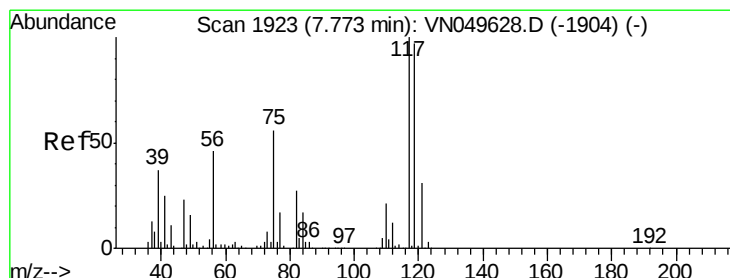
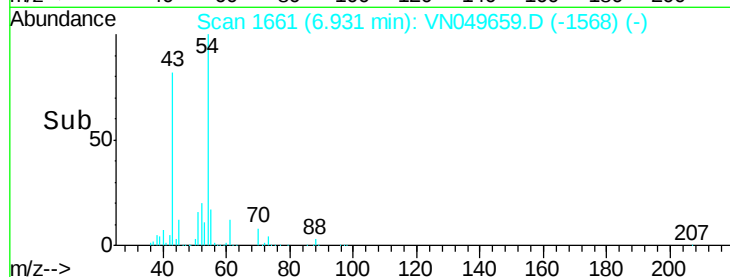
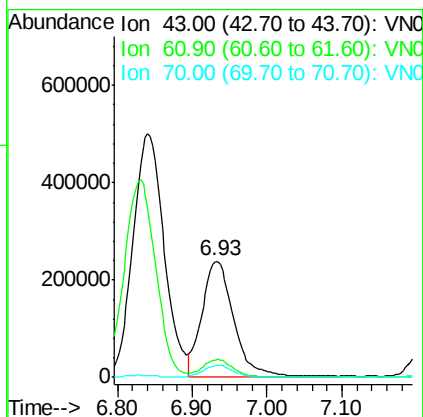
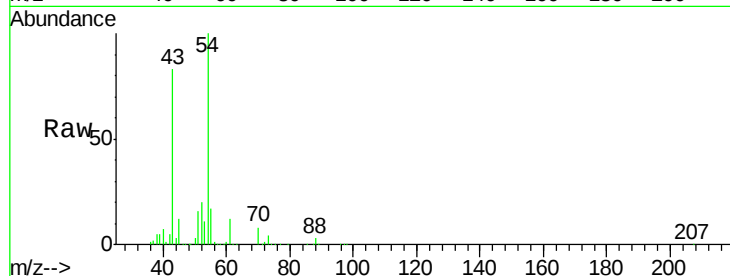




#37
Ethyl Acetate
Concen: 52.35 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

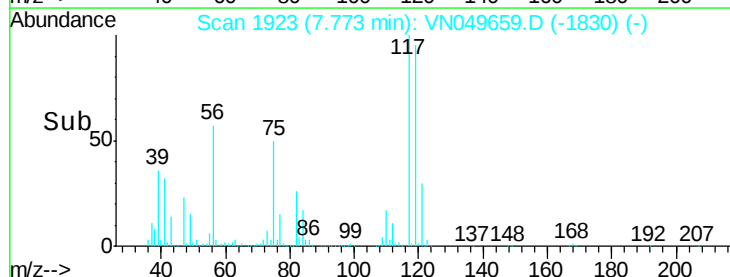
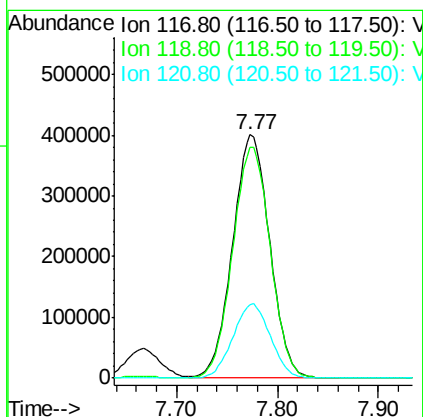
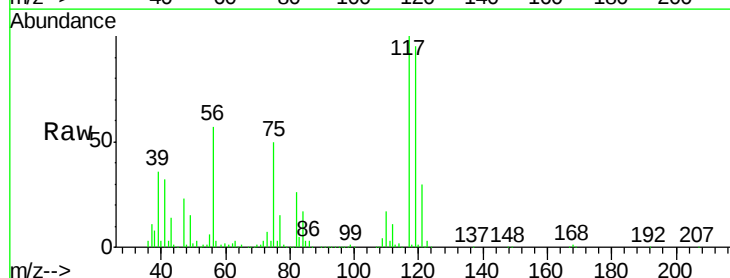
Instrument :
MSVOA_N
ClientSampleId :

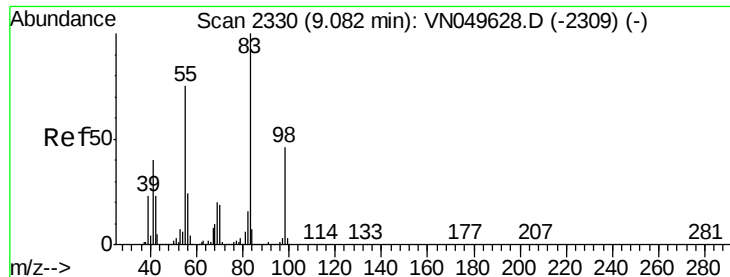
Tot Ion: 43 Resp: 695090
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 9.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.13 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 117 Resp: 1021587
Ion Ratio Lower Upper
117 100
119 94.8 77.2 115.8
121 30.3 25.0 37.6

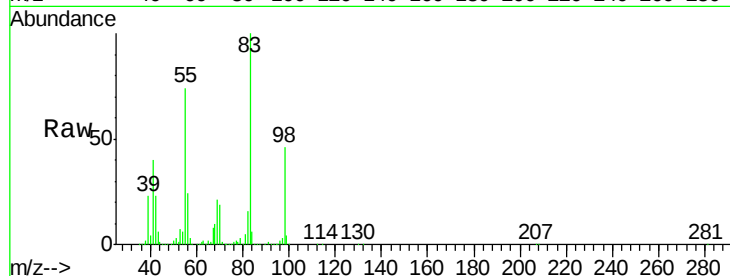




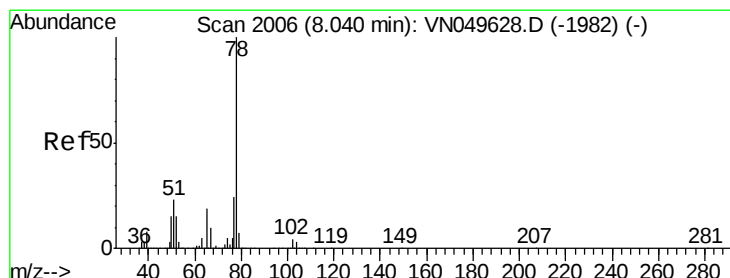
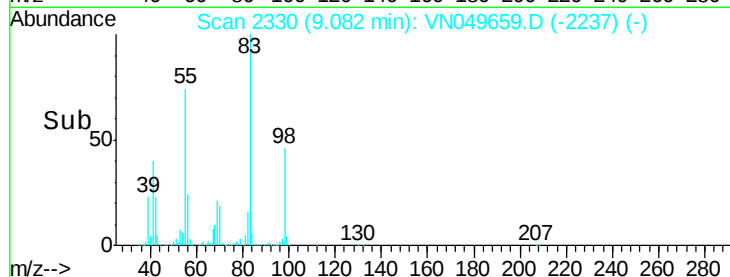
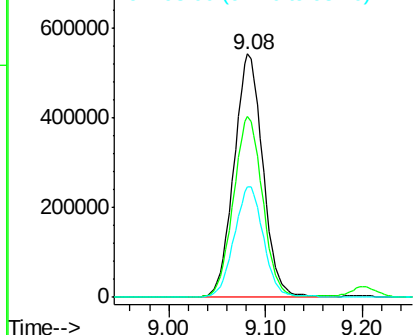
#39
Methvlcvclohexane
Concen: 45.24 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 1129049
Ion Ratio Lower Upper
83 100
55 74.3 59.7 89.5
98 45.6 36.5 54.7

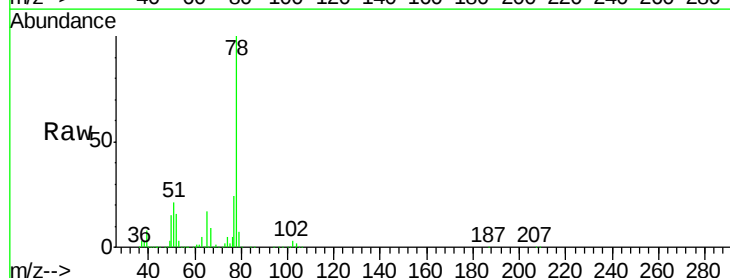


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

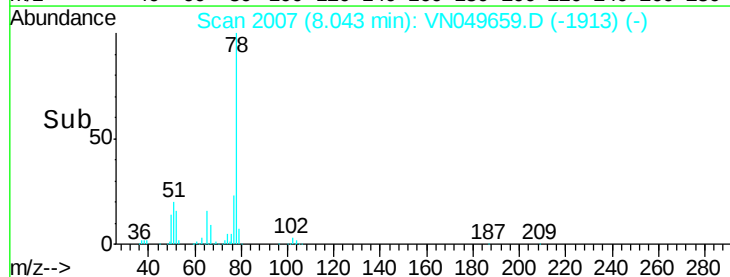
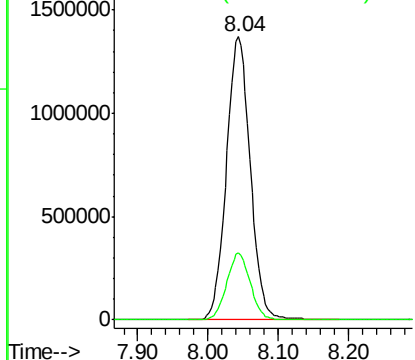


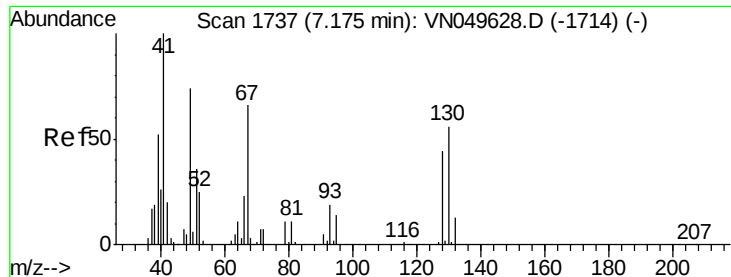
#40
Benzene
Concen: 46.66 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 78 Resp: 3243255
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



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

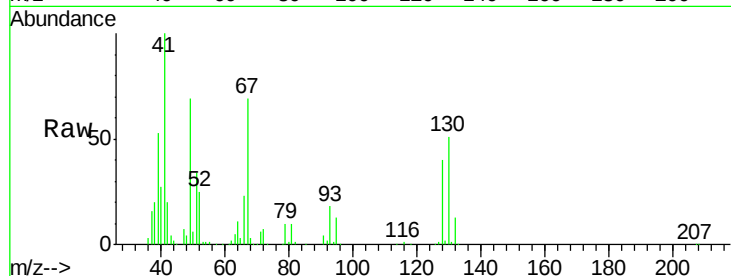




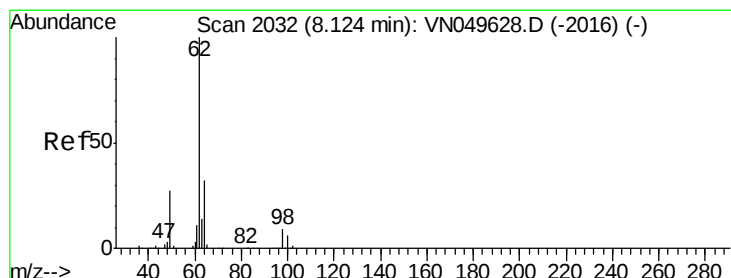
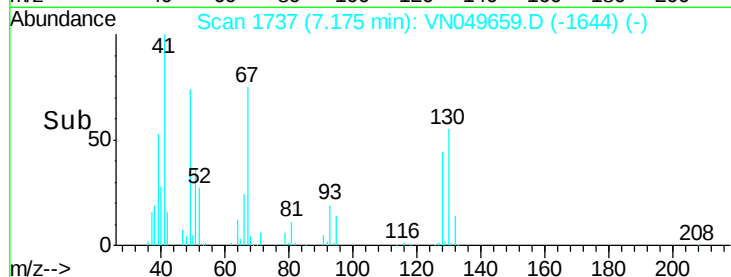
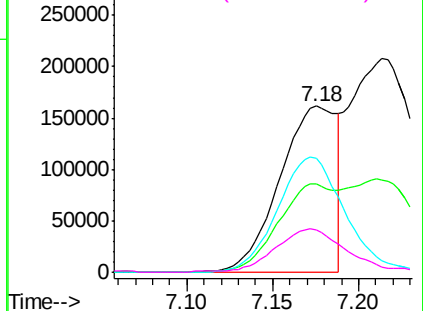
#41
Methacrylonitrile
Concen: 49.35 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	369332
Ion	Ratio	Lower	Upper
41	100		
39	53.7	45.4	68.2
67	83.1	65.4	98.0
52	33.1	24.7	37.1

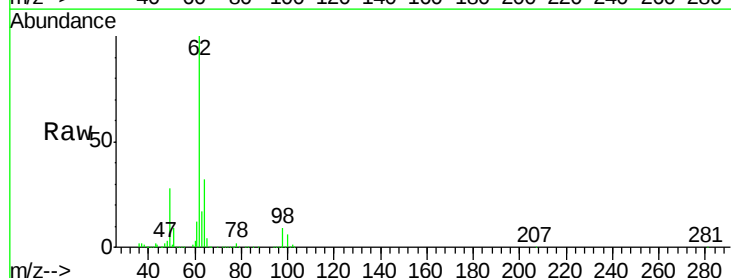


Abundance Ion 41.00 (40.70 to 41.70): VN049628.D (-1714) (-)
Ion 39.00 (38.70 to 39.70): VN049628.D (-1714) (-)
Ion 67.00 (66.70 to 67.70): VN049628.D (-1714) (-)
Ion 52.00 (51.70 to 52.70): VN049628.D (-1714) (-)

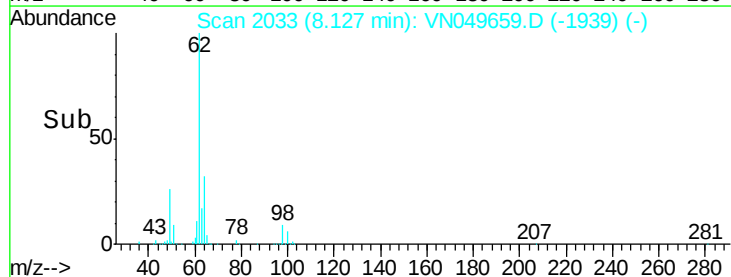
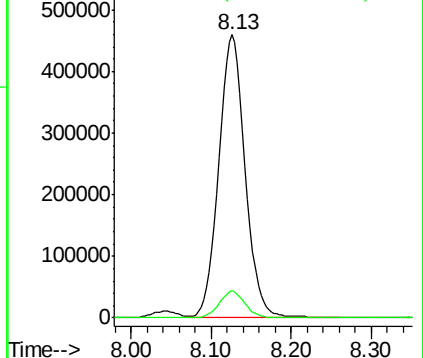


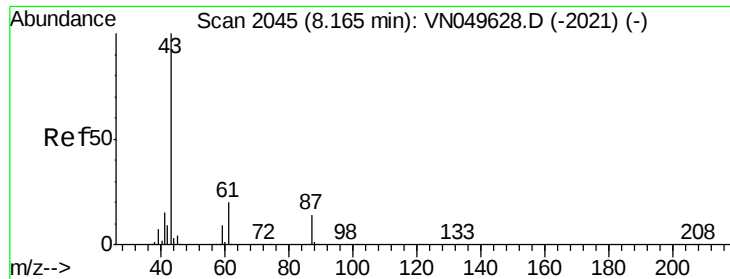
#42
1,2-Dichloroethane
Concen: 47.03 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion:	62	Resp:	1043407
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VN049628.D (-1916) (-)
Ion 97.90 (97.60 to 98.60): VN049628.D (-1916) (-)





#43

Isopropyl Acetate

Concen: 49.13 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

ClientSampleId :

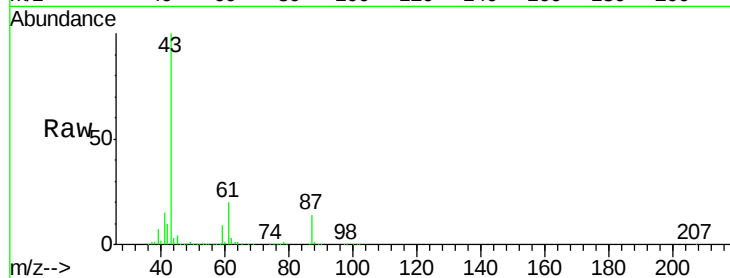
Tot Ion: 43 Resp: 1295506

Ion Ratio Lower Upper

43 100

61 19.0 14.9 22.3

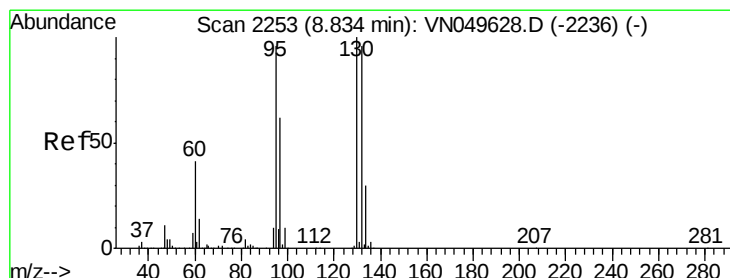
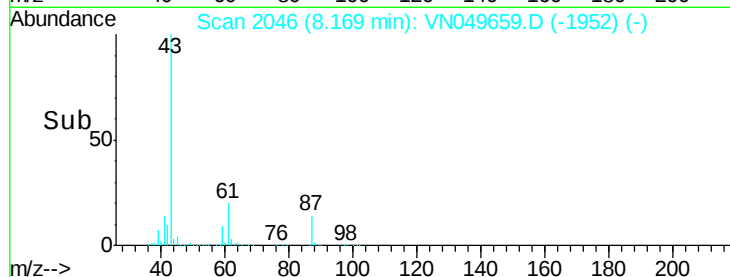
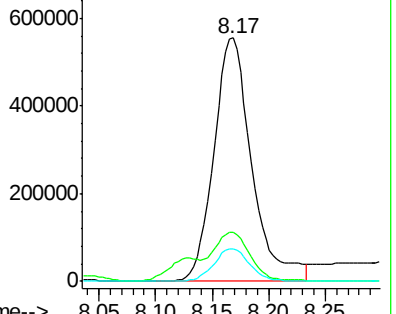
87 12.8 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2021) (-)

Ion 61.00 (60.70 to 61.70): VN049628.D (-2021) (-)

Ion 87.00 (86.70 to 87.70): VN049628.D (-2021) (-)



#44

Trichloroethene

Concen: 44.20 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049659.D

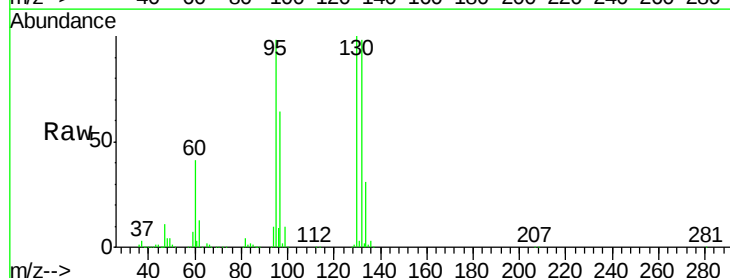
Acq: 30 Jun 2018 20:27

Tgt Ion:130 Resp: 926498

Ion Ratio Lower Upper

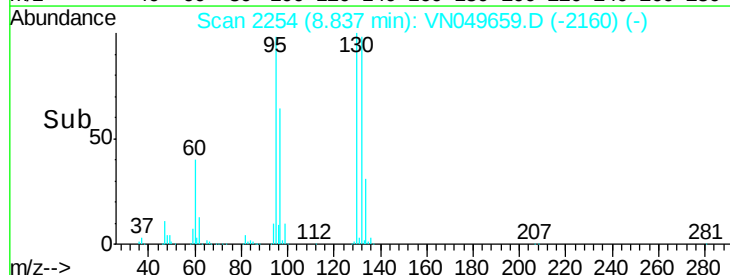
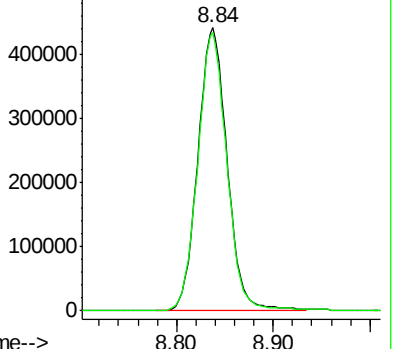
130 100

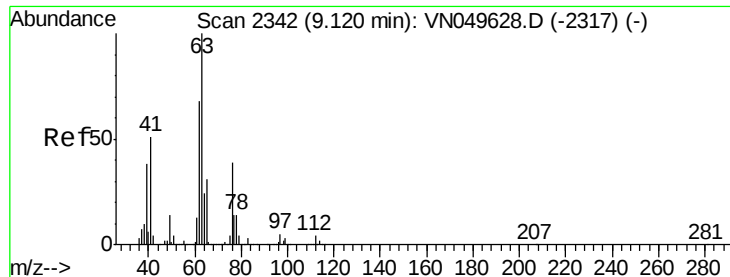
95 98.5 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049628.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049628.D (-2236) (-)

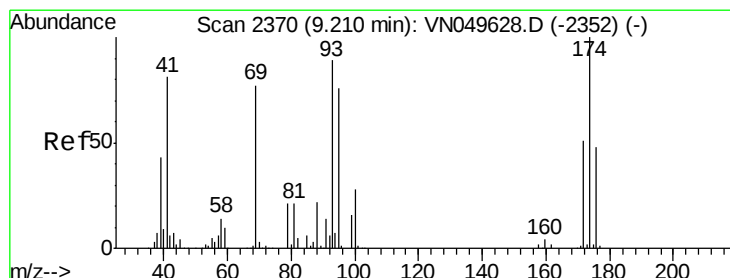
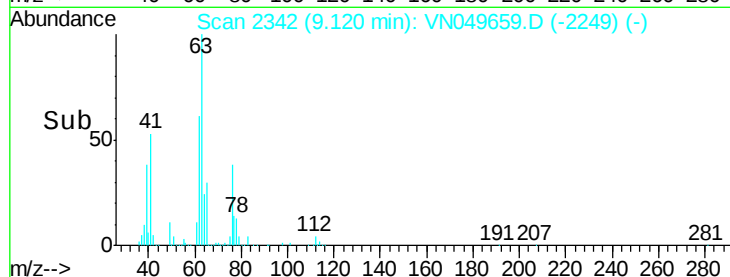
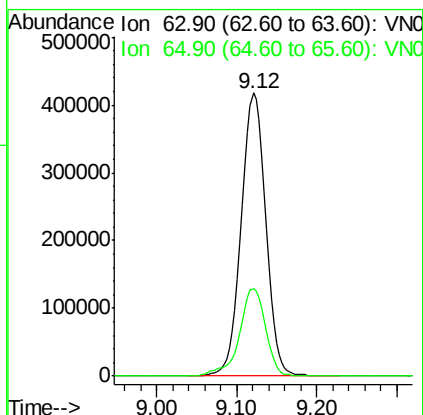
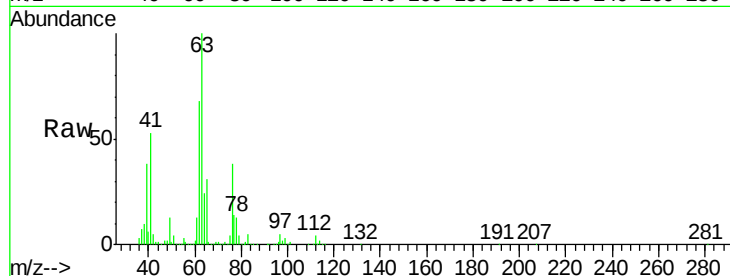




#45
 1,2-Dichloropropane
 Concen: 48.01 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

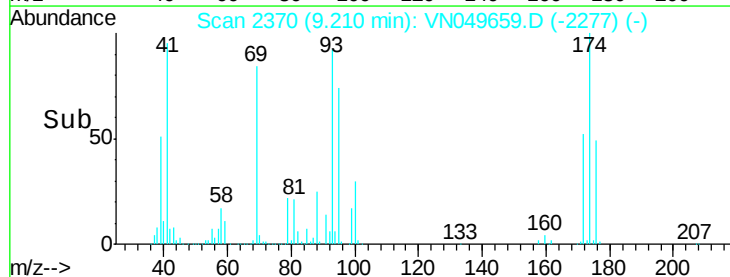
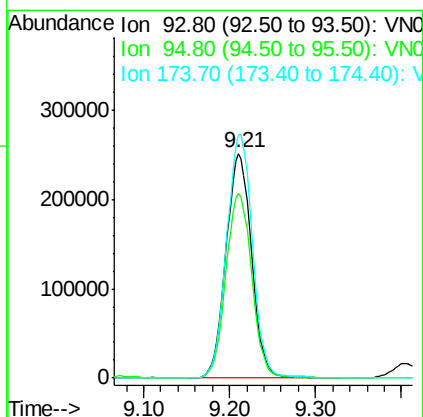
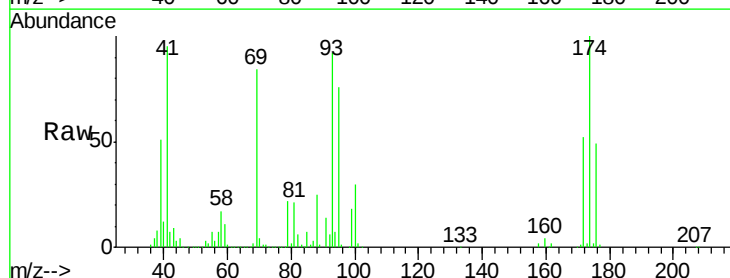
Instrument :
 MSVOA_N
 ClientSampleId :

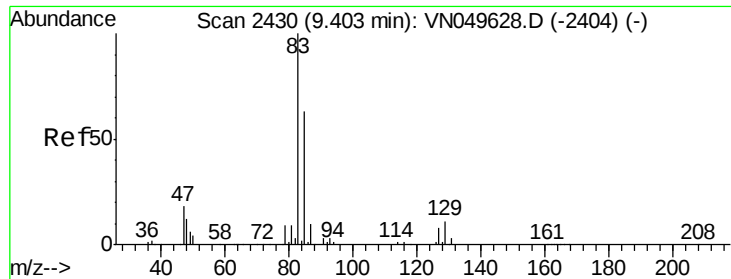
Tot Ion: 63 Resp: 862294
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 47.93 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Tgt Ion: 93 Resp: 520703
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.9 101.9
 174 108.8 89.4 134.0

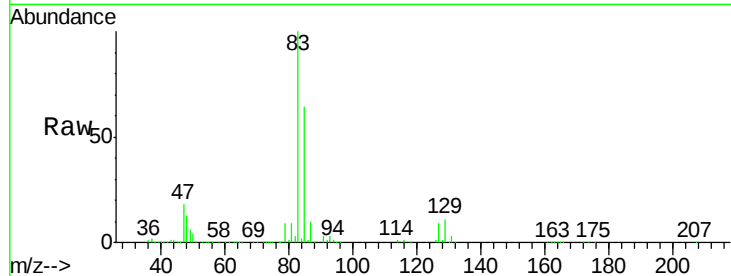




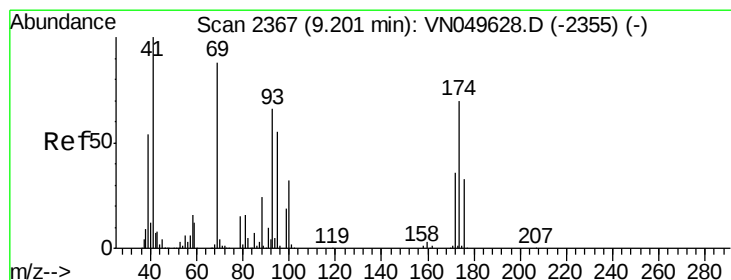
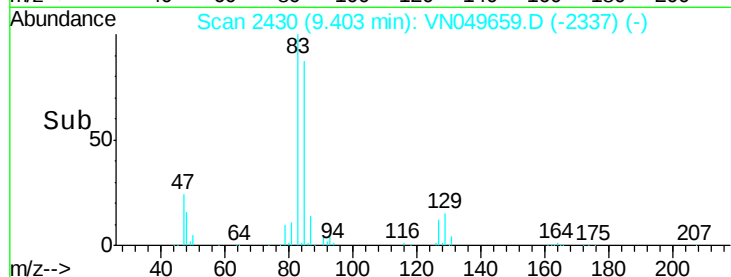
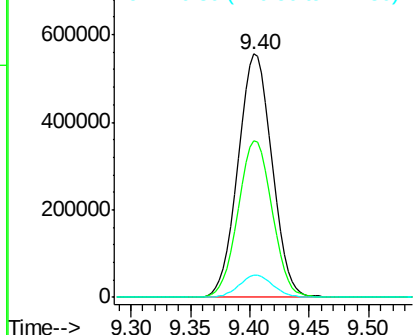
#47
Bromodichloromethane
Concen: 47.64 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 1101864
Ion Ratio Lower Upper
83 100
85 64.4 50.5 75.7
127 8.9 6.8 10.2

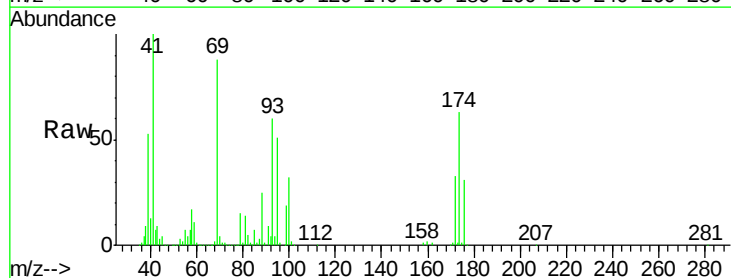


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

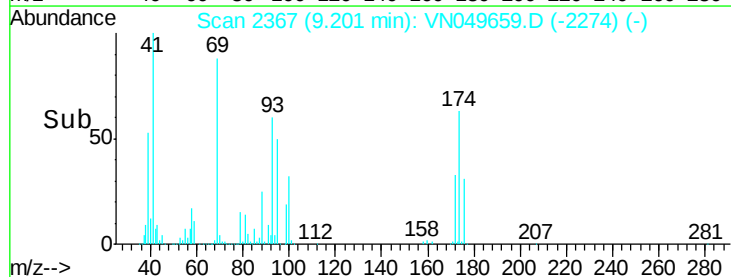
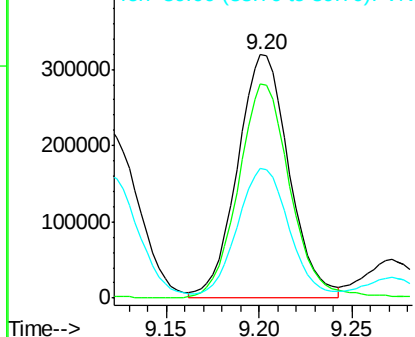


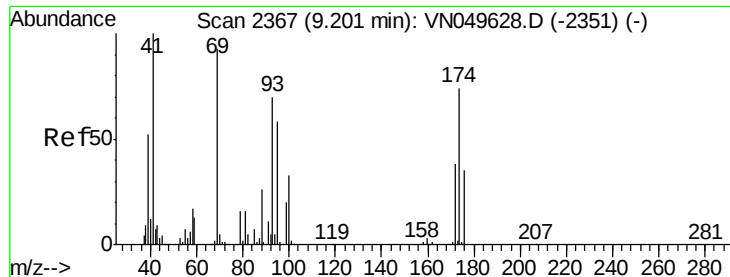
#48
Methyl methacrylate
Concen: 52.24 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 41 Resp: 616346
Ion Ratio Lower Upper
41 100
69 88.6 71.5 107.3
39 53.8 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

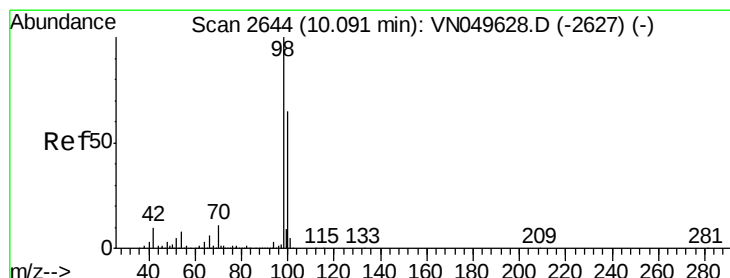
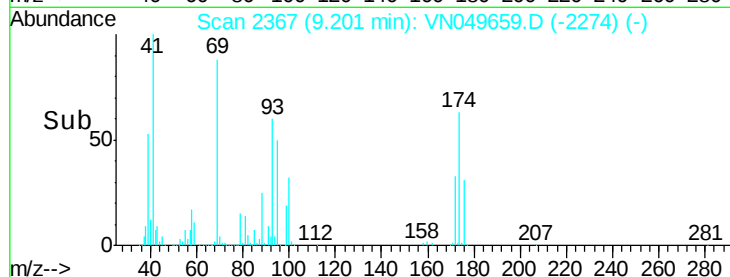
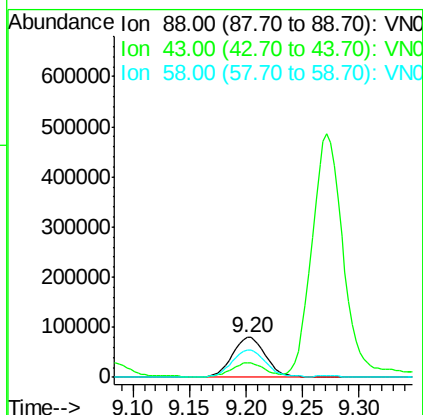
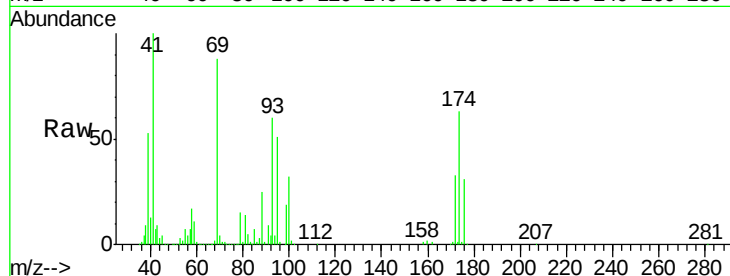




#49
1,4-Dioxane
Concen: 1043.39 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

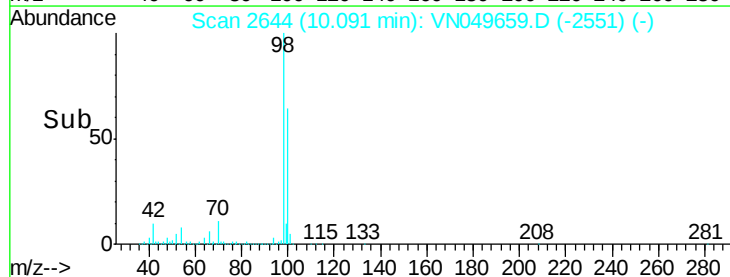
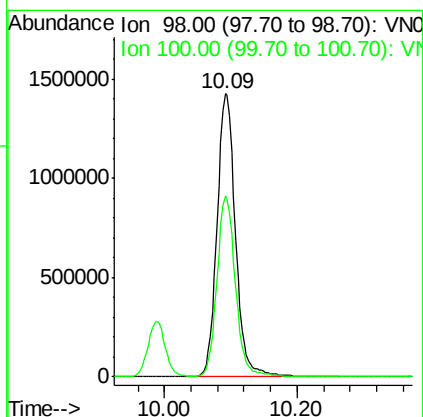
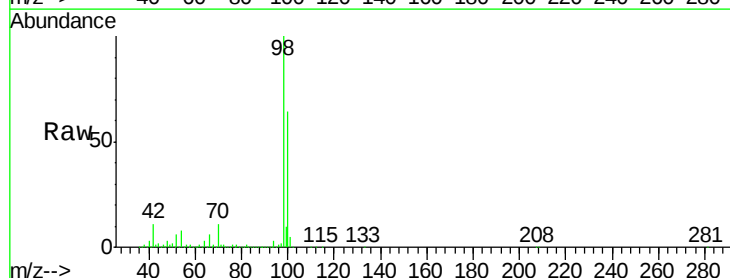
Instrument :
MSVOA_N
ClientSampled :

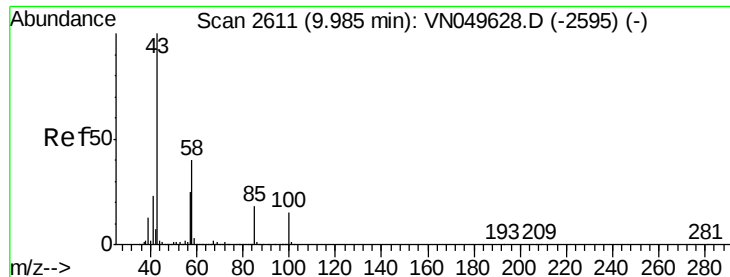
Tot Ion: 88 Resp: 165508
Ion Ratio Lower Upper
88 100
43 32.8 25.1 37.7
58 69.7 52.5 78.7



#50
Toluene-d8
Concen: 46.67 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 98 Resp: 2763411
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

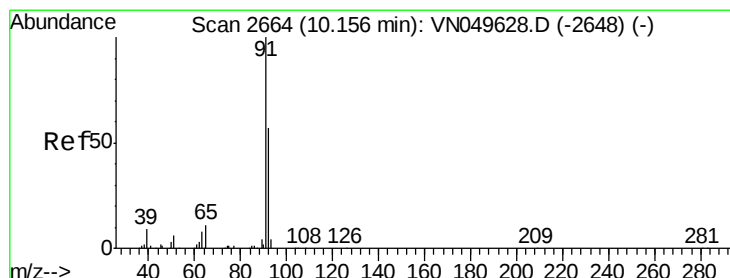
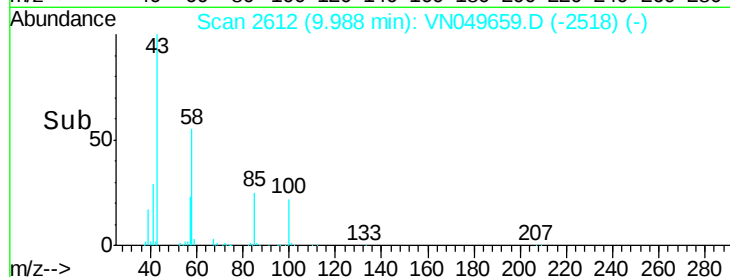
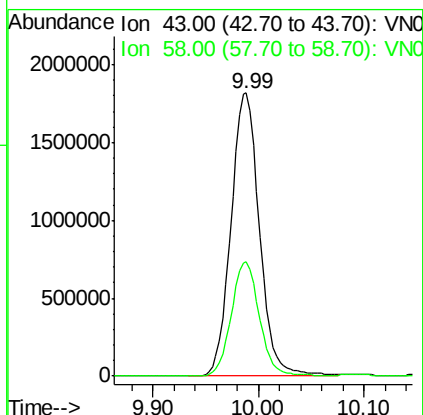
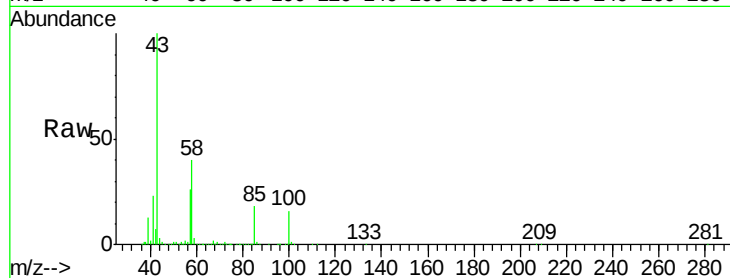




#51
4-Methyl-2-Pentanone
Concen: 260.63 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

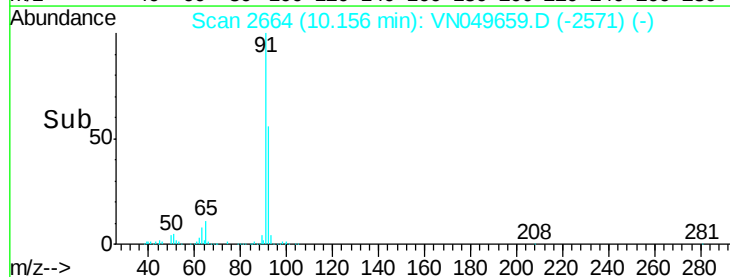
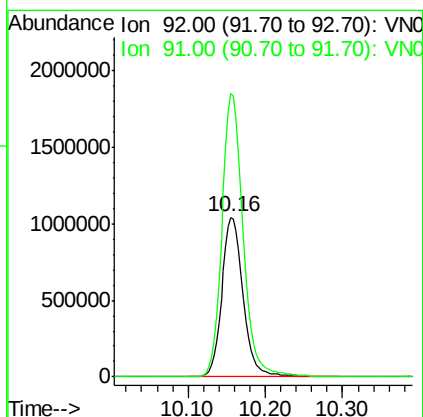
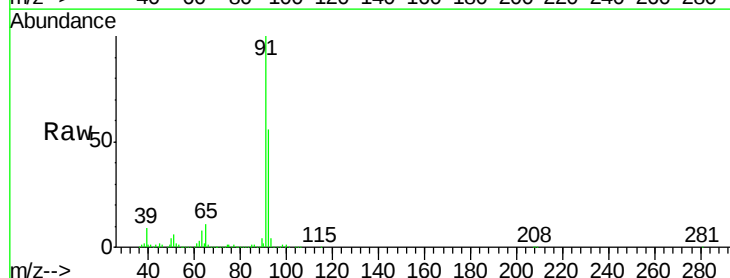
Instrument :
MSVOA_N
ClientSampled :

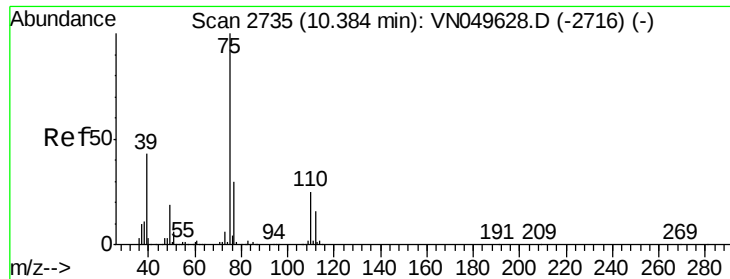
Tot Ion: 43 Resp: 3392979
Ion Ratio Lower Upper
43 100
58 40.1 31.8 47.8



#52
Toluene
Concen: 47.62 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 92 Resp: 1999830
Ion Ratio Lower Upper
92 100
91 176.7 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 47.86 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

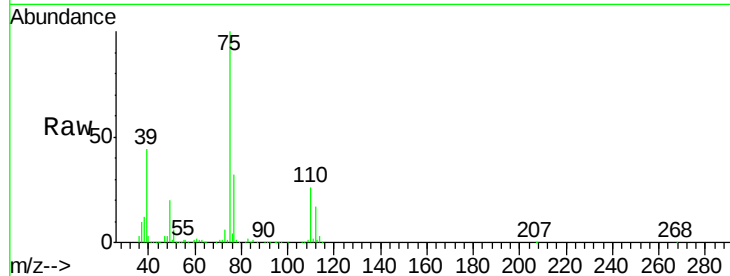
ClientSampleId :

Tot Ion: 75 Resp: 1059994

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

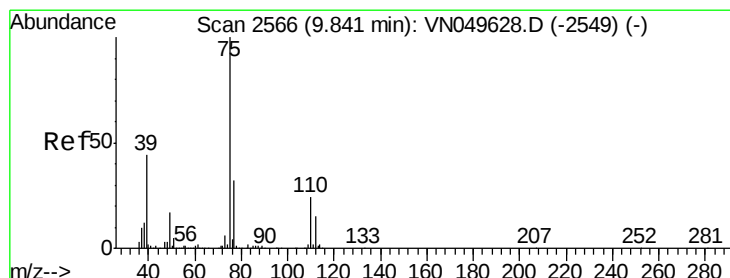
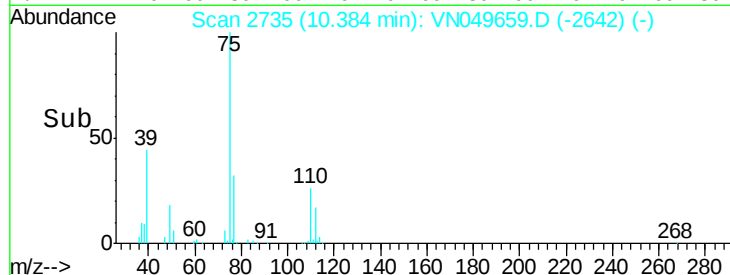
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.82 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

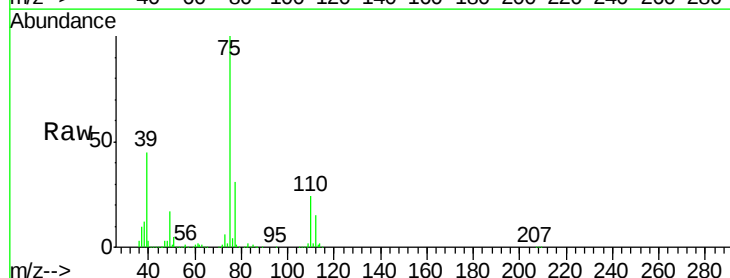
Tgt Ion: 75 Resp: 1237864

Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

39 44.6 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

800000

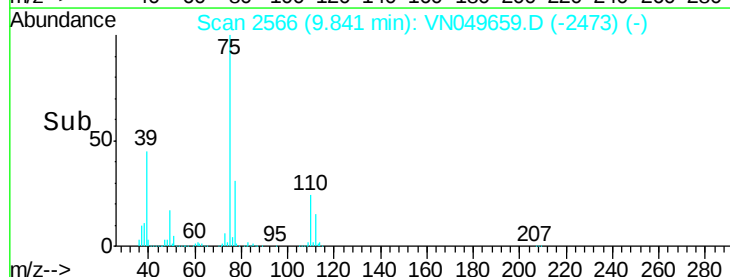
600000

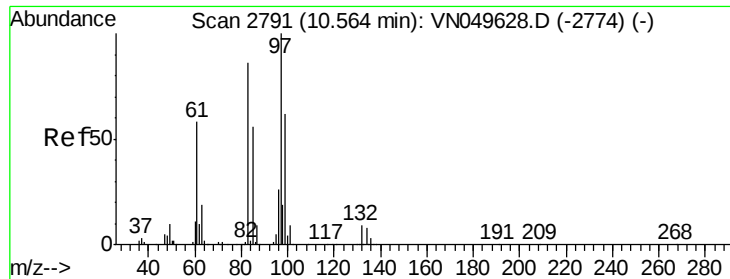
400000

200000

0

Time-->

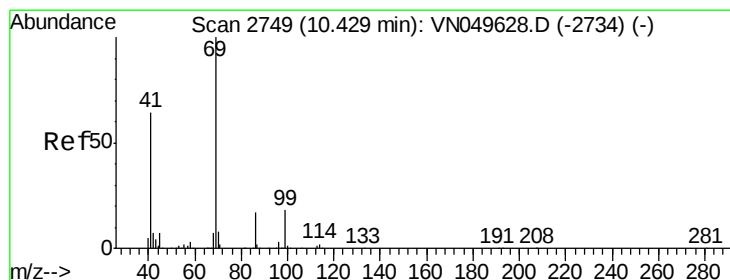
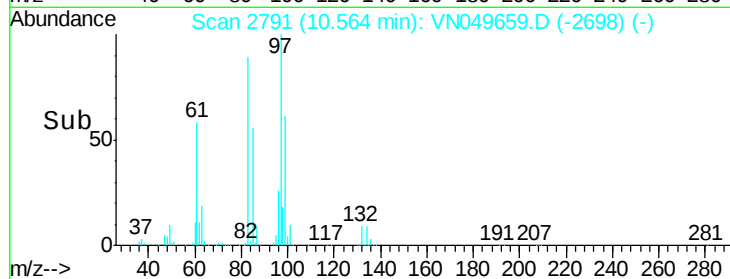
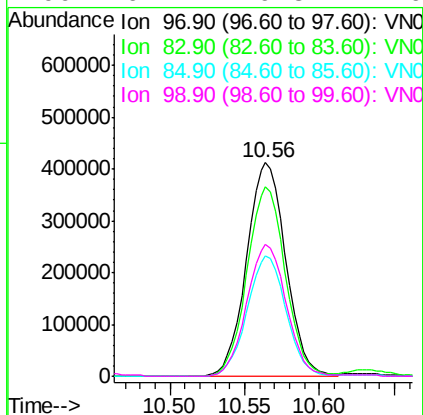
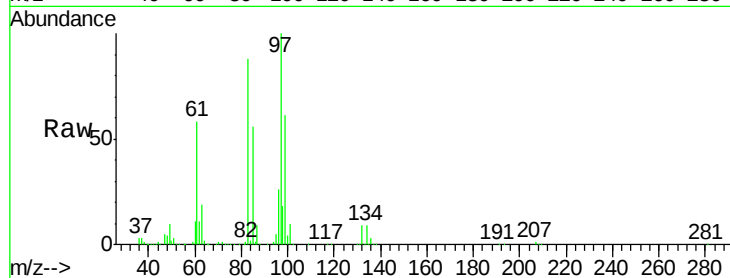




#55
 1,1,2-Trichloroethane
 Concen: 47.90 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

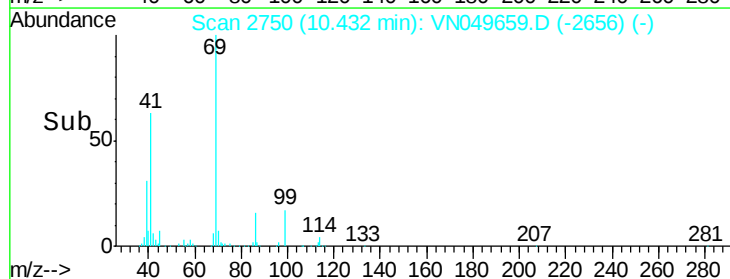
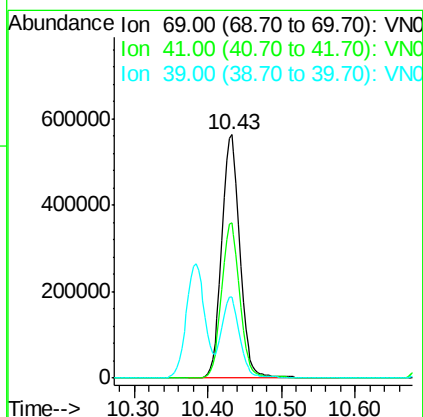
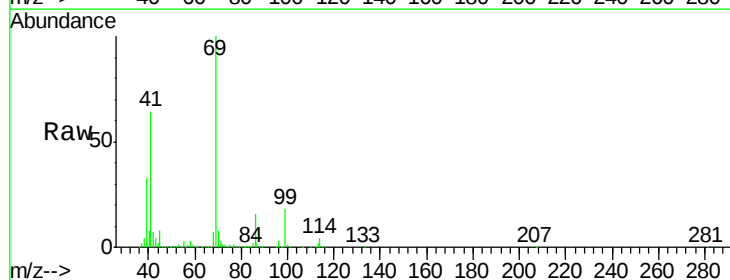
Instrument :
 MSVOA_N
 ClientSampled :

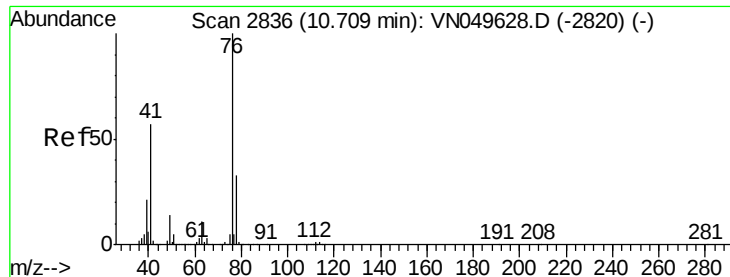
Tot Ion:	97	Resp:	748920
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.0	103.6
85	56.5	44.9	67.3
99	61.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 52.88 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Tgt Ion:	69	Resp:	969271
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.6	77.4
39	32.8	25.8	38.8





#57

1,3-Dichloropropane

Concen: 49.09 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

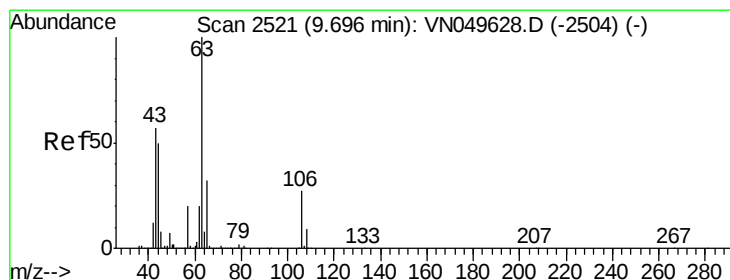
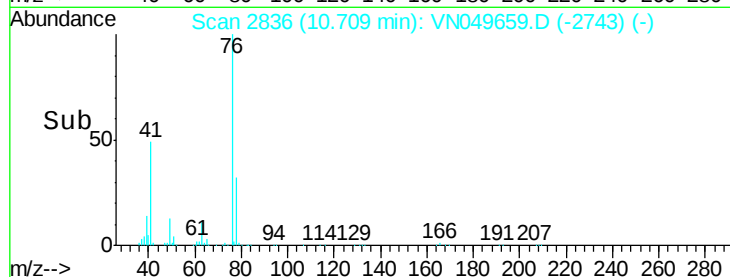
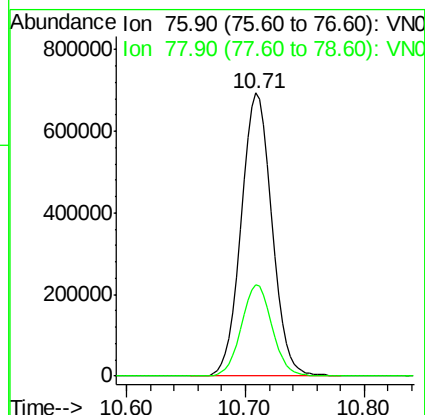
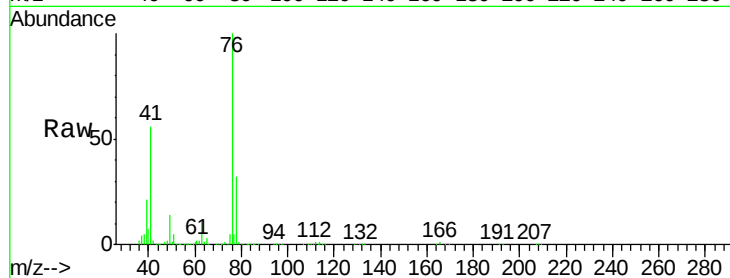
ClientSampleId :

Tot Ion: 76 Resp: 1244594

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 238.22 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049659.D

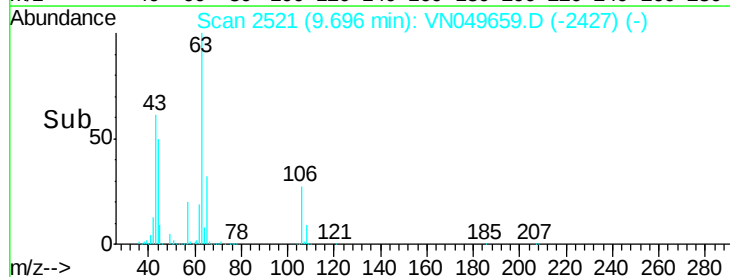
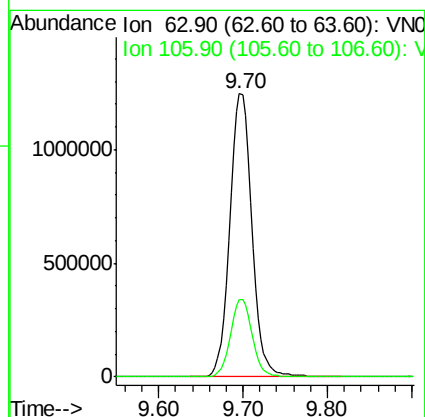
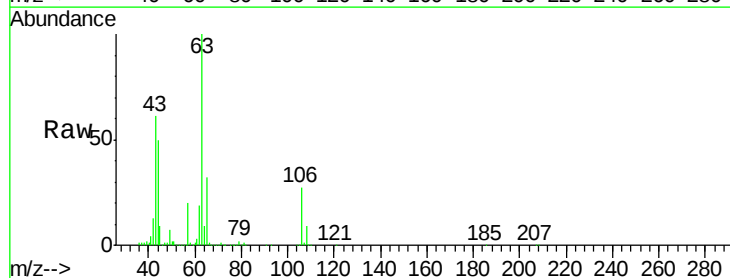
Acq: 30 Jun 2018 20:27

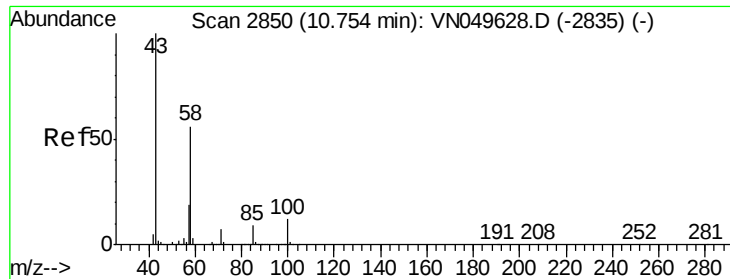
Tgt Ion: 63 Resp: 2270496

Ion Ratio Lower Upper

63 100

106 27.0 21.8 32.8

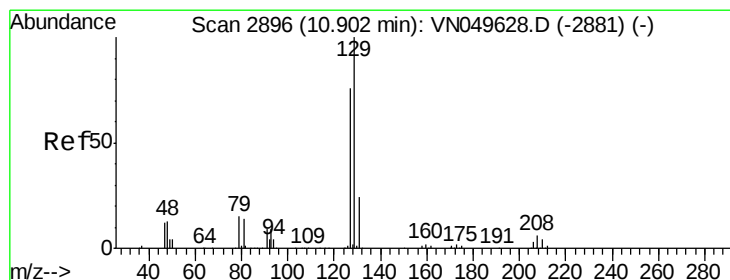
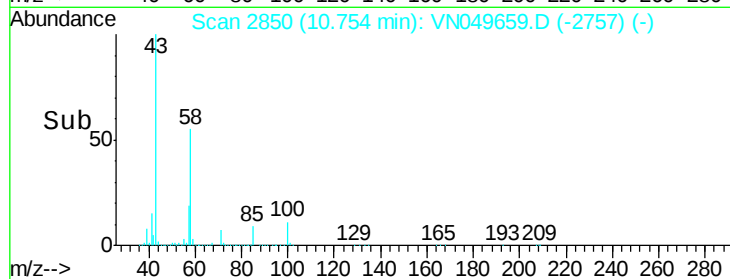
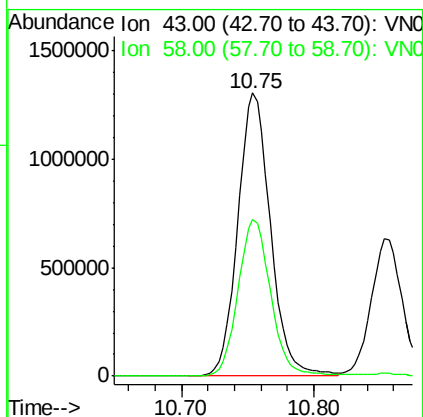
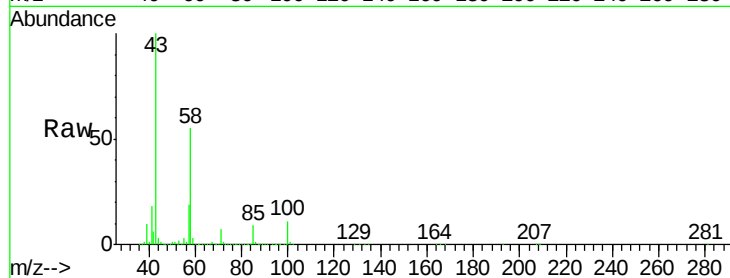




#59
2-Hexanone
Concen: 259.41 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

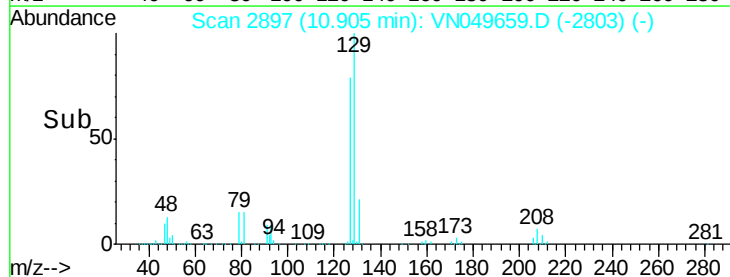
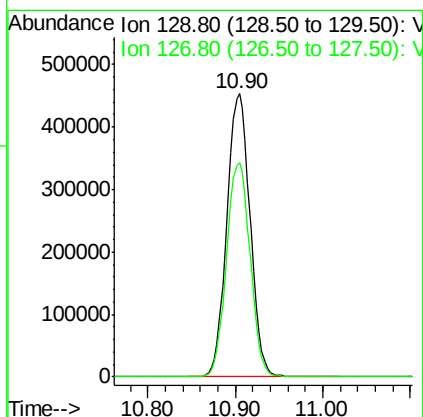
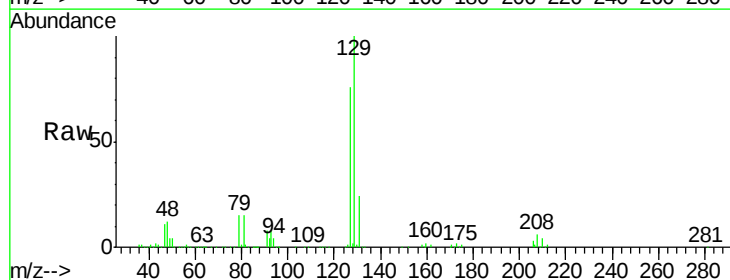
Instrument :
MSVOA_N
ClientSampled :

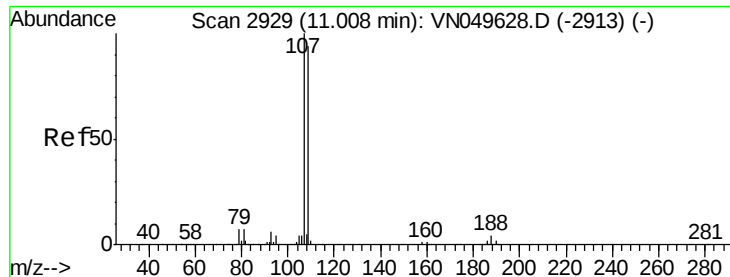
Tot Ion: 43 Resp: 2233043
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.4



#60
Dibromochloromethane
Concen: 49.65 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 129 Resp: 839075
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9





#61

1,2-Dibromoethane

Concen: 48.41 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

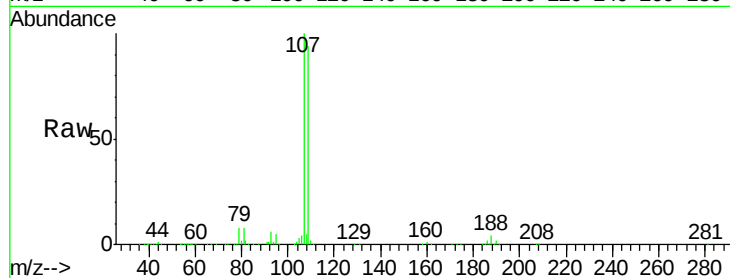
ClientSampled :

Tot Ion: 107 Resp: 725296

Ion Ratio Lower Upper

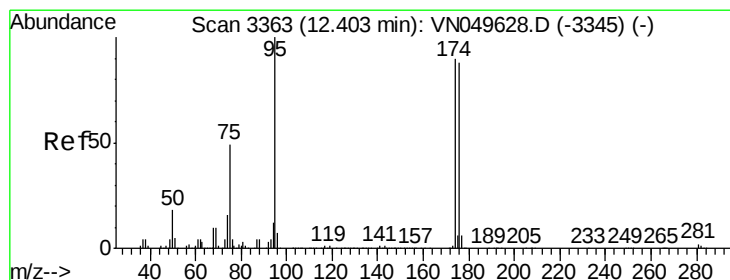
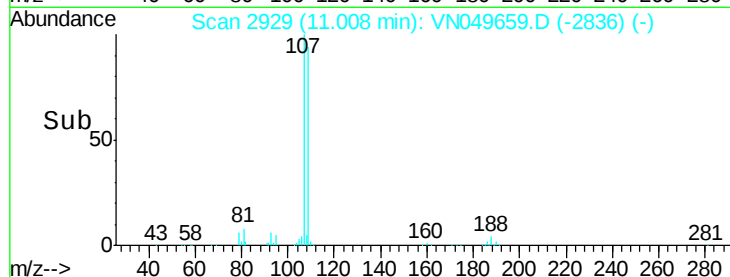
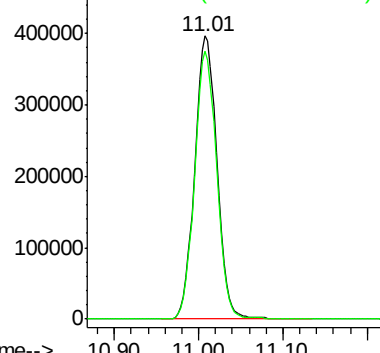
107 100

109 94.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.27 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

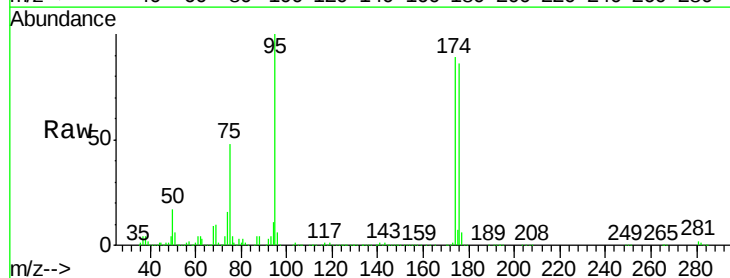
Tgt Ion: 95 Resp: 975813

Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.6

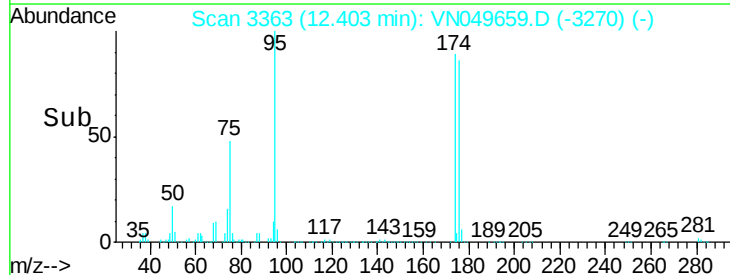
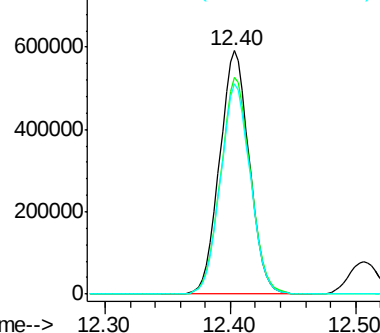
176 86.6 0.0 174.0

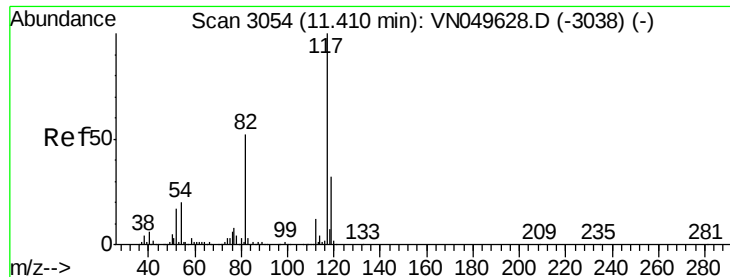


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

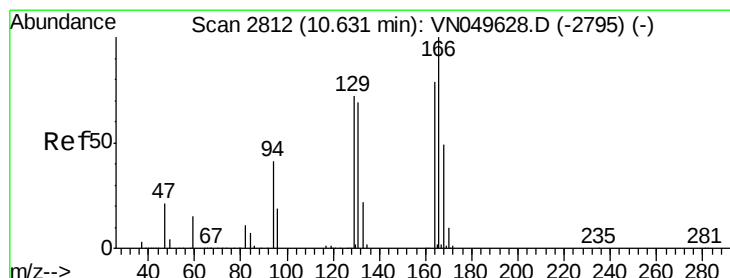
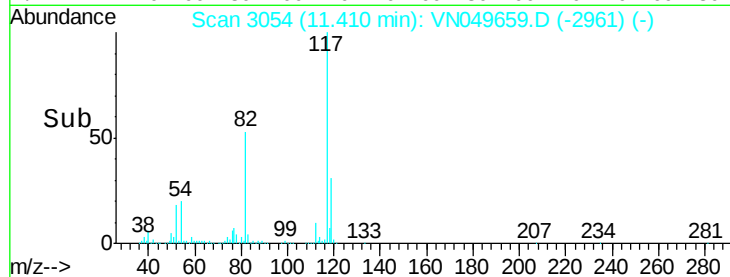
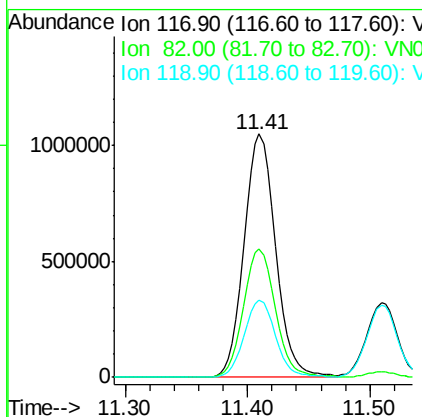
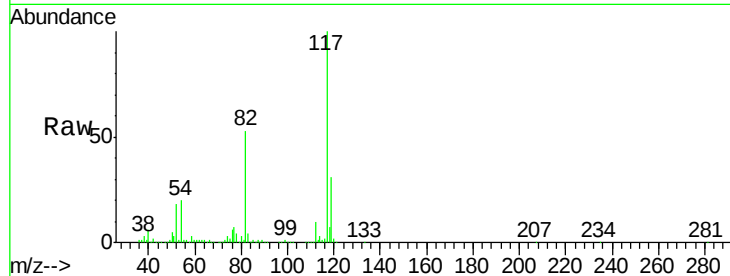




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

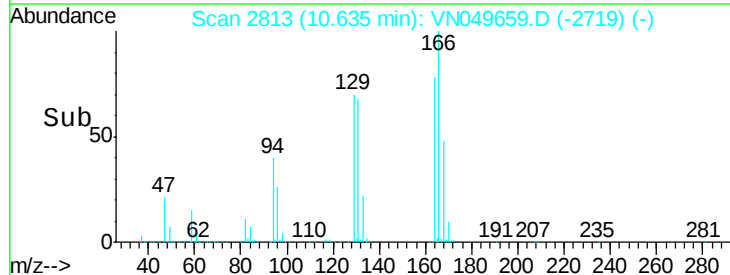
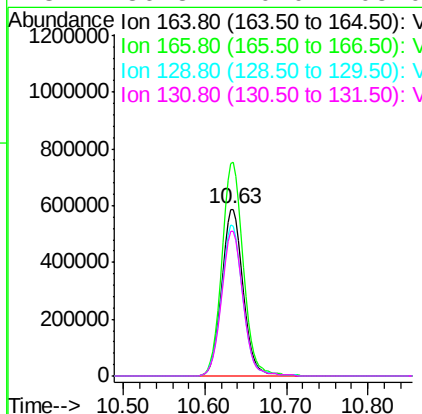
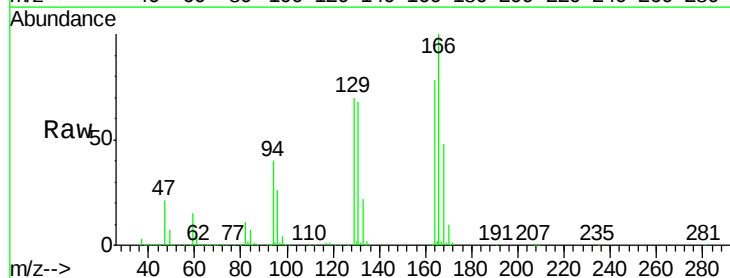
Instrument :
MSVOA_N
ClientSampled :

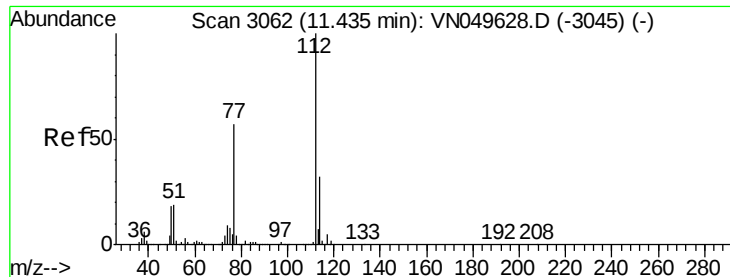
Tot Ion:117 Resp: 1869508
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 43.28 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion:164 Resp: 1095544
Ion Ratio Lower Upper
164 100
166 128.1 101.8 152.6
129 89.7 72.8 109.2
131 86.8 70.0 105.0





#65

Chlorobenzene

Concen: 45.11 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

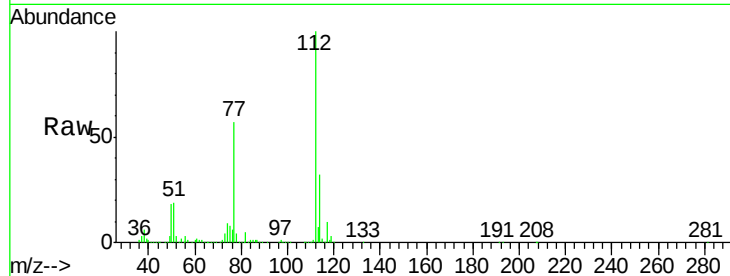
ClientSampled :

Tot Ion:112 Resp: 2199808

Ion Ratio Lower Upper

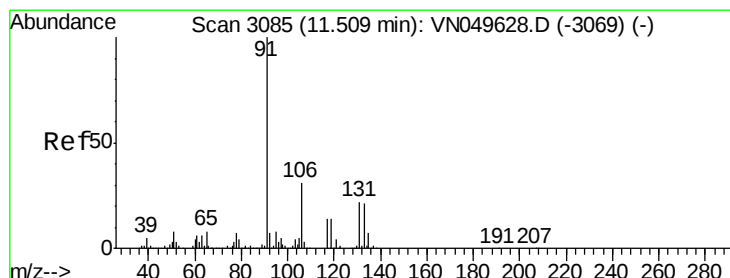
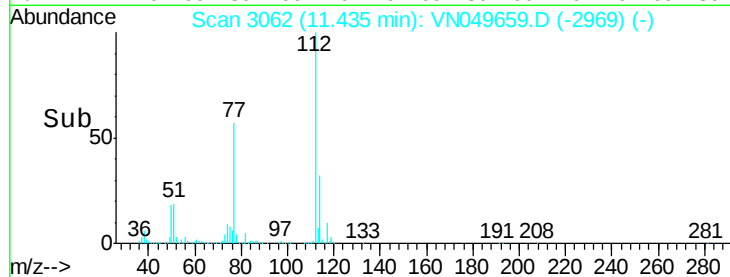
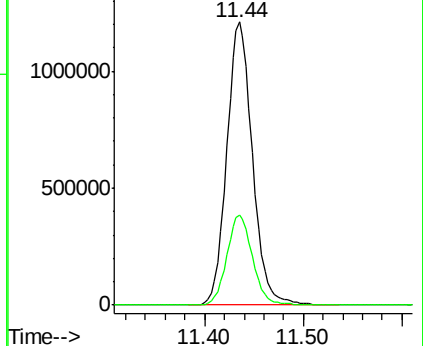
112 100

114 32.0 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.67 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

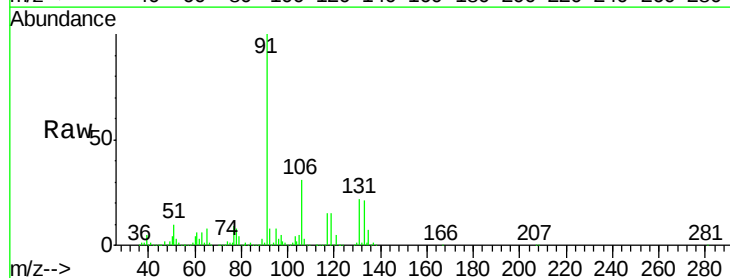
Tgt Ion:131 Resp: 817775

Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

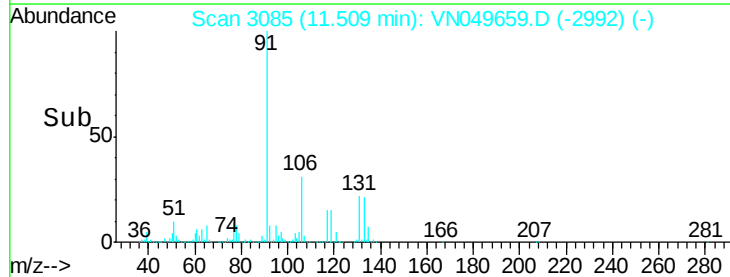
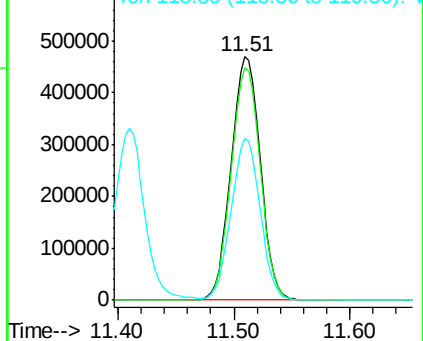
119 65.9 33.1 99.3

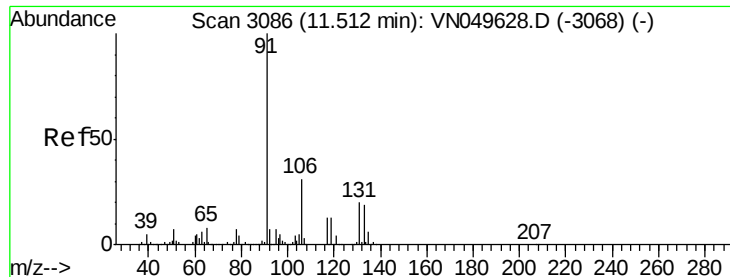


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

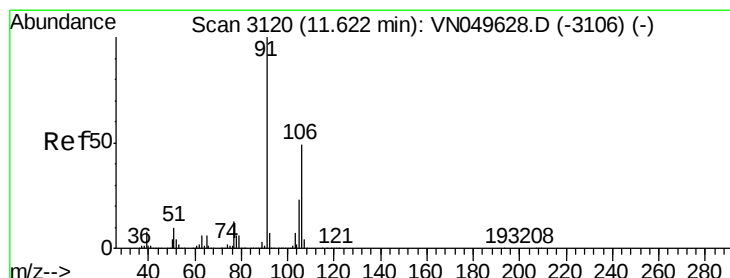
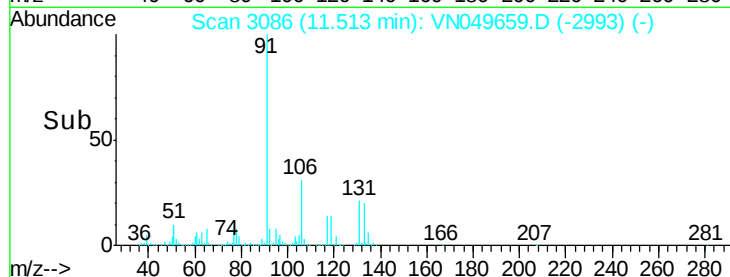
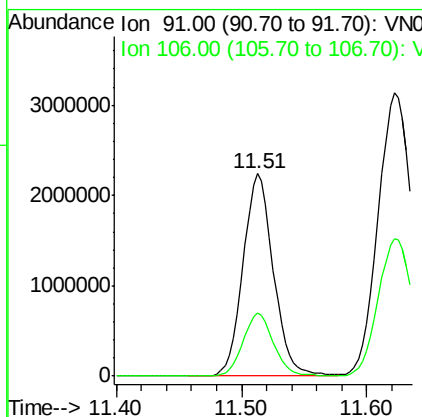
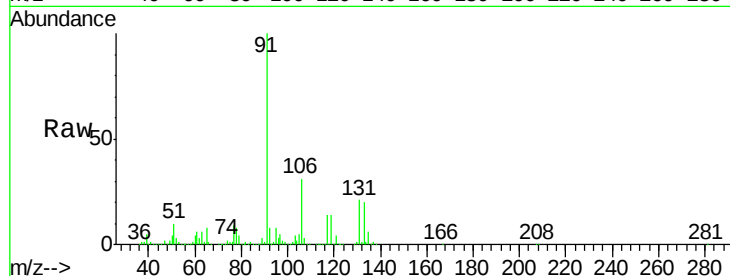




#67
Ethyl Benzene
Concen: 46.94 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

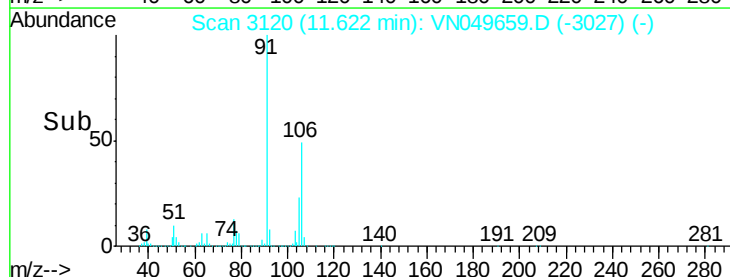
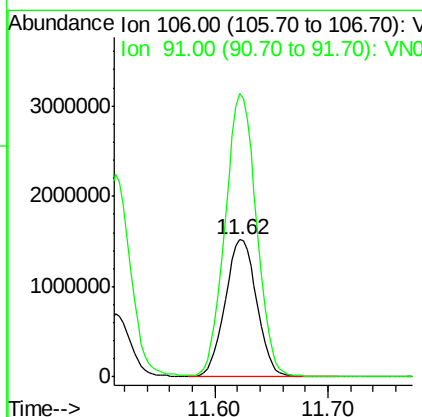
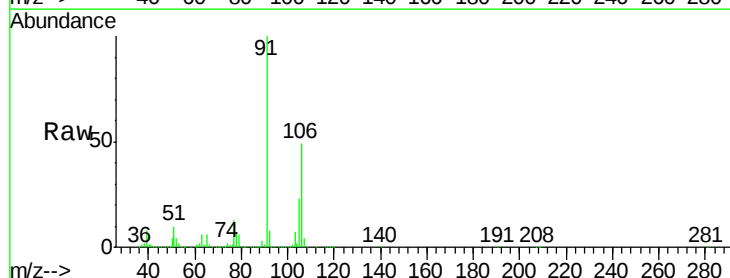
Instrument :
MSVOA_N
ClientSampled :

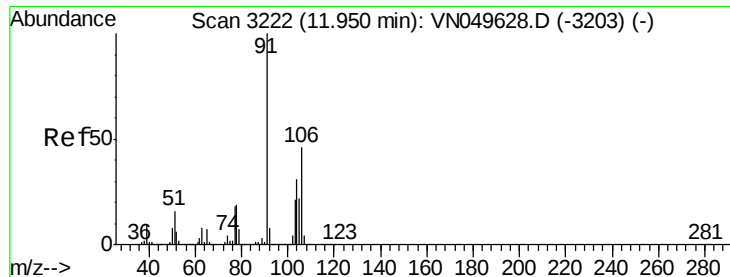
Tot Ion: 91 Resp: 3784403
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 95.77 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 106 Resp: 2958948
Ion Ratio Lower Upper
106 100
91 204.8 163.4 245.2





#69

o-Xylene

Concen: 48.46 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

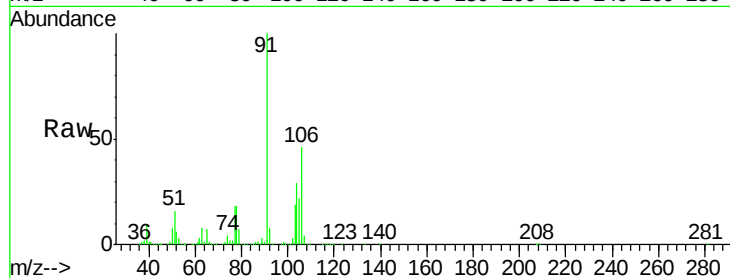
ClientSampleId :

Tot Ion:106 Resp: 1433536

Ion Ratio Lower Upper

106 100

91 213.7 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

2000000

1500000

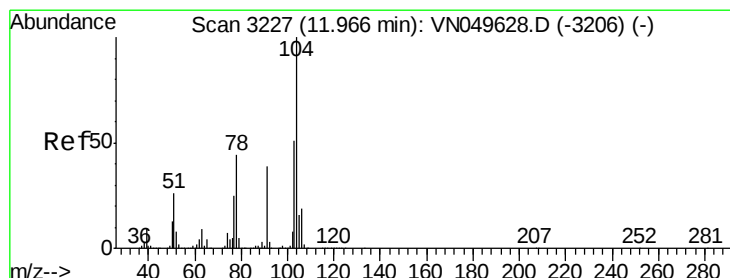
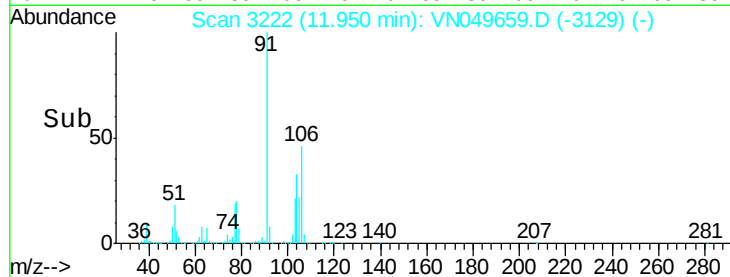
1000000

500000

0

11.95

Time-->



#70

Styrene

Concen: 49.67 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

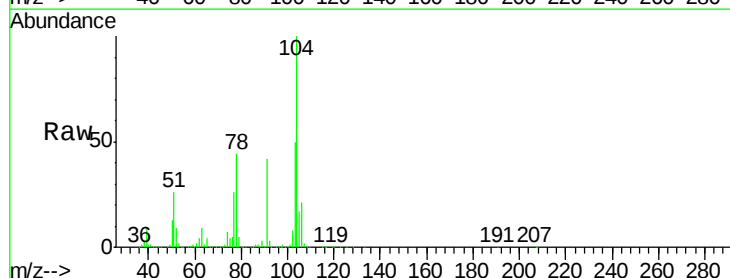
Tgt Ion:104 Resp: 2377065

Ion Ratio Lower Upper

104 100

78 48.9 39.2 58.8

103 55.4 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

1500000

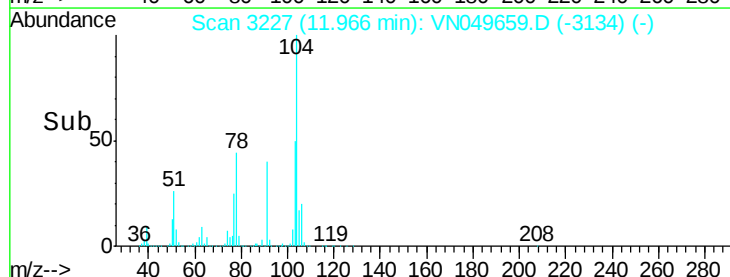
1000000

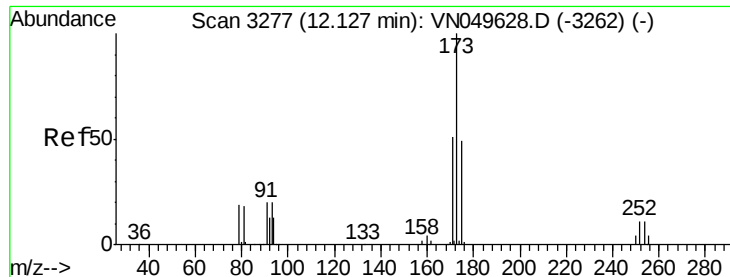
500000

0

11.97

Time-->

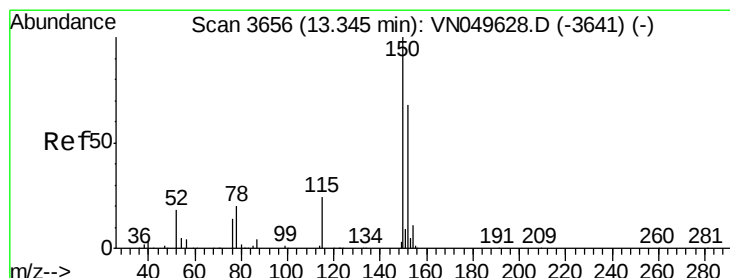
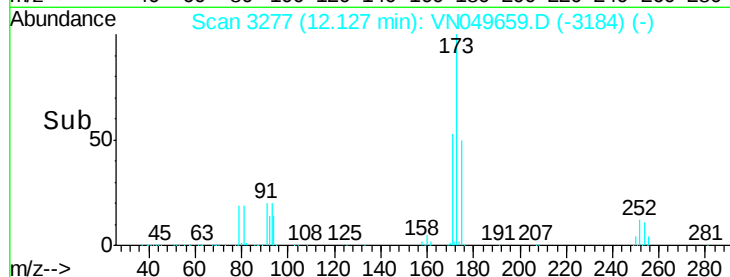
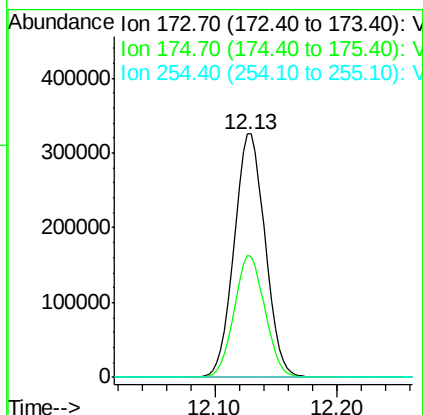
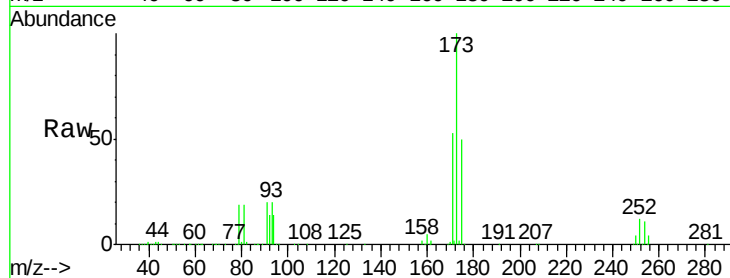




#71
Bromoform
Concen: 49.14 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

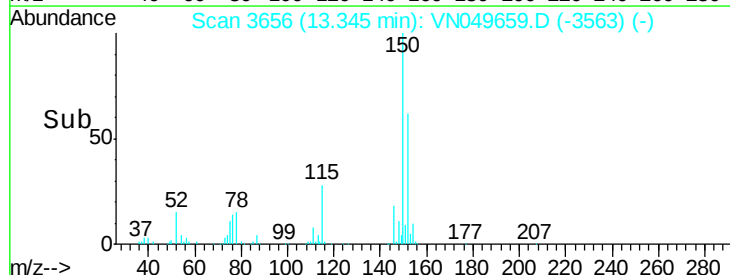
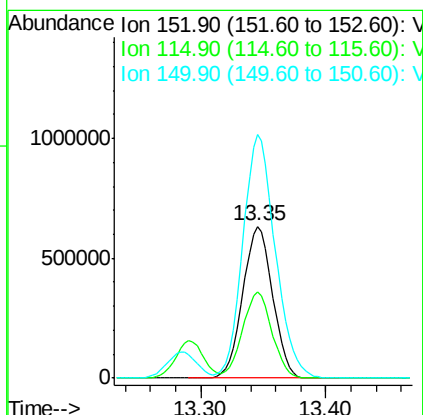
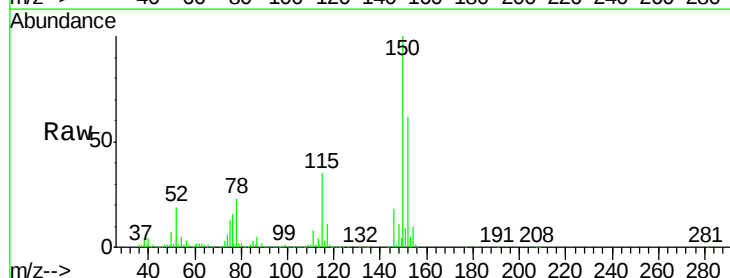
Instrument :
MSVOA_N
ClientSampleId :

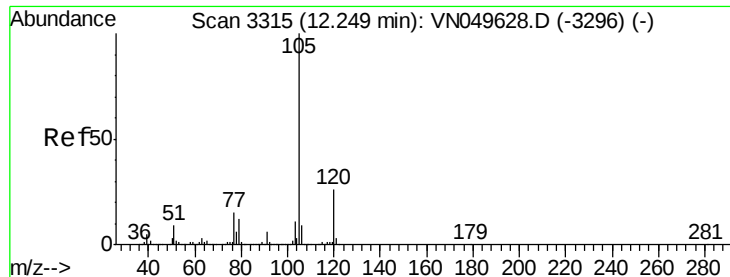
Tot Ion:173 Resp: 572142
Ion Ratio Lower Upper
173 100
175 49.7 24.6 73.8
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion:152 Resp: 1044750
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 174.3 0.0 347.6





#73

Isopropylbenzene

Concen: 45.15 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

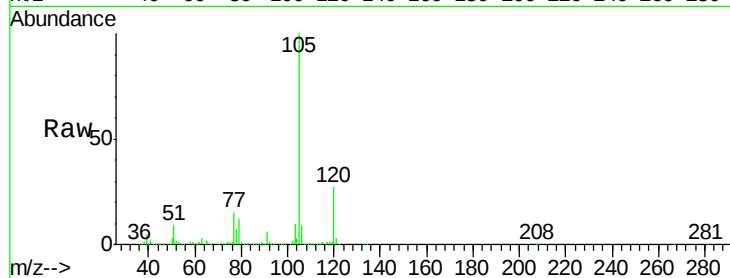
ClientSampled :

Tot Ion:105 Resp: 3756968

Ion Ratio Lower Upper

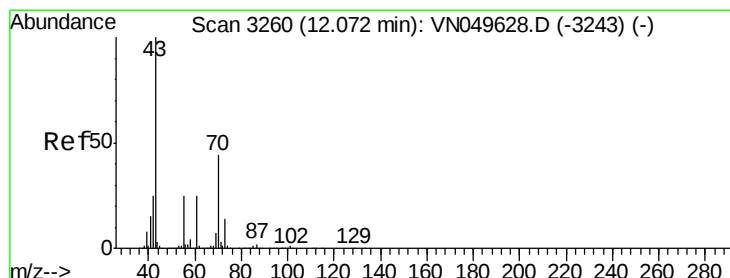
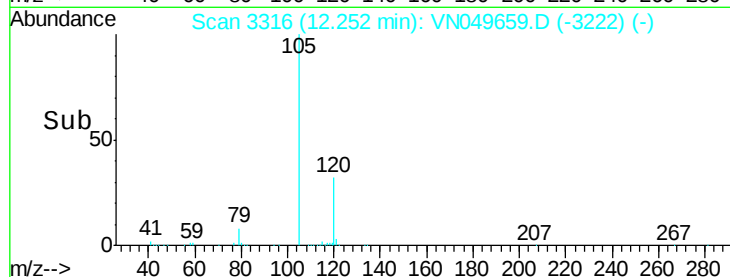
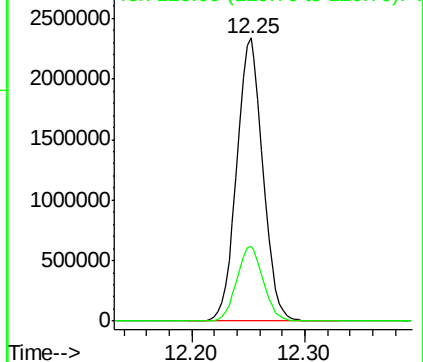
105 100

120 26.8 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: 48.26 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Tgt Ion: 43 Resp: 1097109

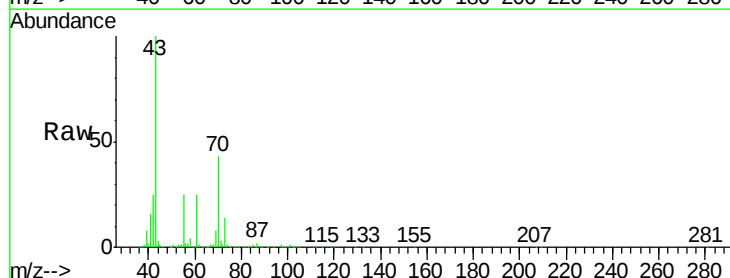
Ion Ratio Lower Upper

43 100

70 43.3 34.8 52.2

55 25.9 20.9 31.3

61 25.1 19.9 29.9

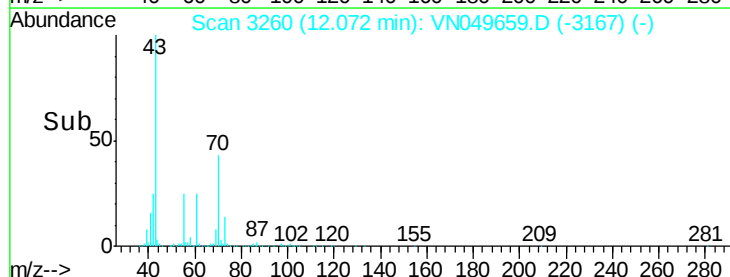
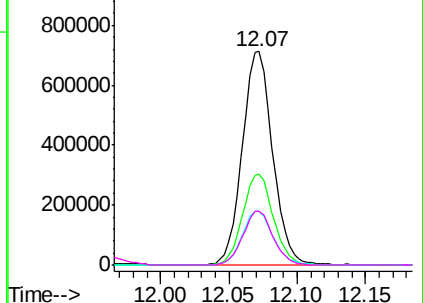


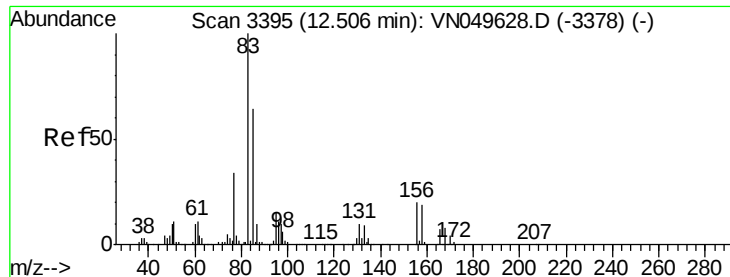
Abundance Ion 43.00 (42.70 to 43.70): V

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: 50.58 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

ClientSampleId :

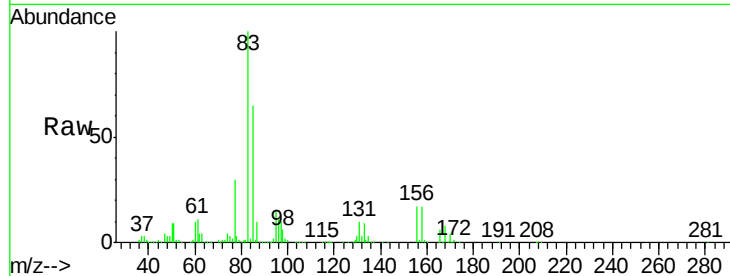
Tot Ion: 83 Resp: 873774

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

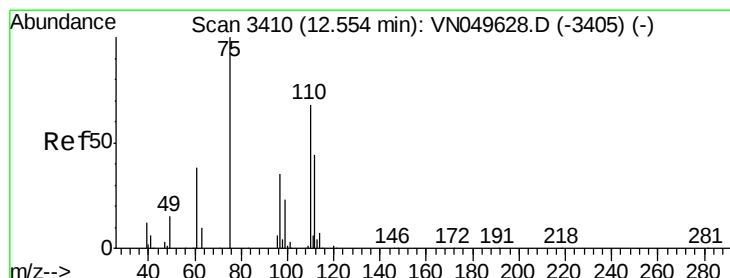
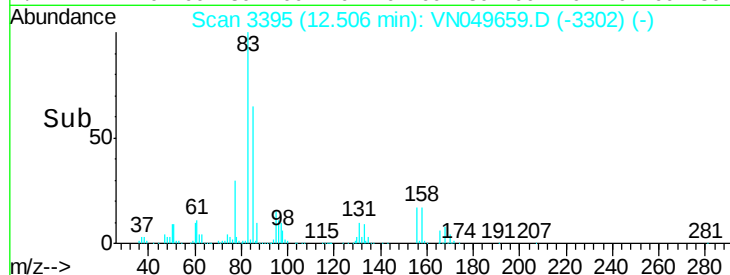
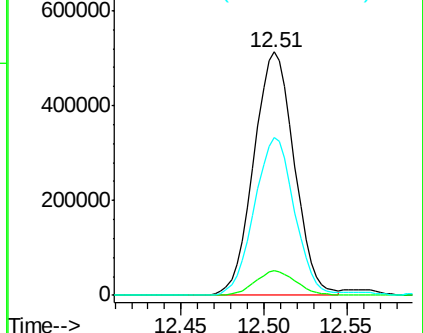
85 64.3 32.5 97.4



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: 66.75 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049659.D

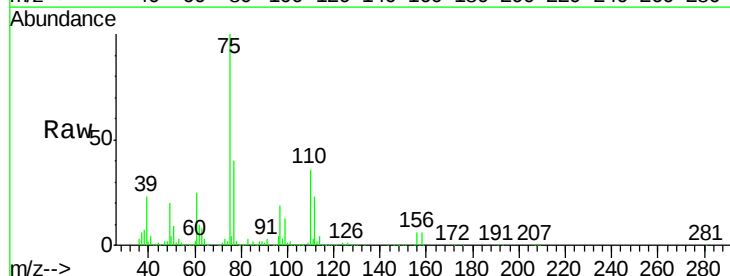
Acq: 30 Jun 2018 20:27

Tgt Ion: 75 Resp: 1118426

Ion Ratio Lower Upper

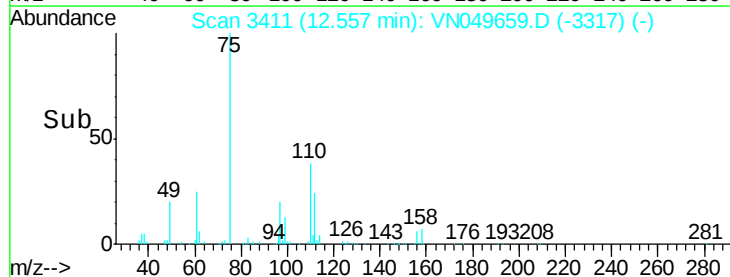
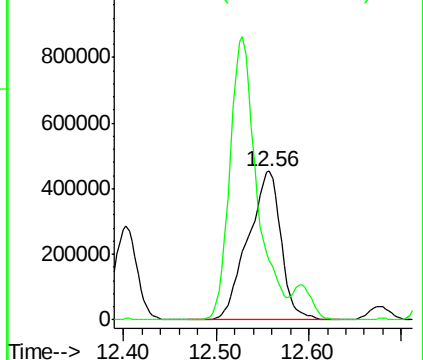
75 100

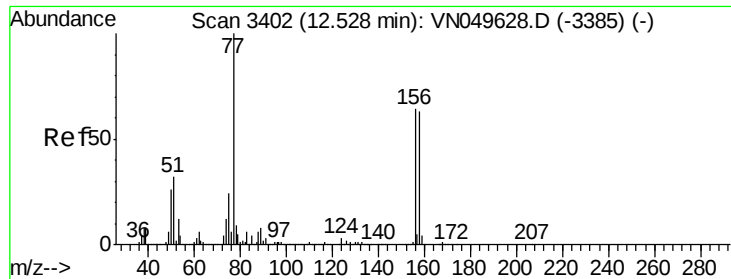
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 42.61 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

ClientSampleId :

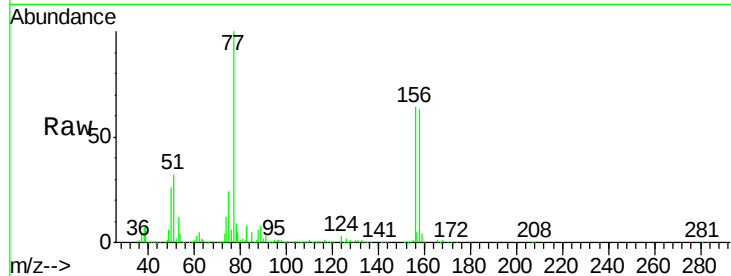
Tot Ion:156 Resp: 964281

Ion Ratio Lower Upper

156 100

77 181.8 90.2 270.6

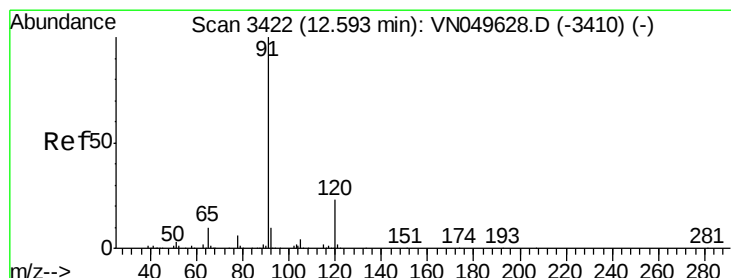
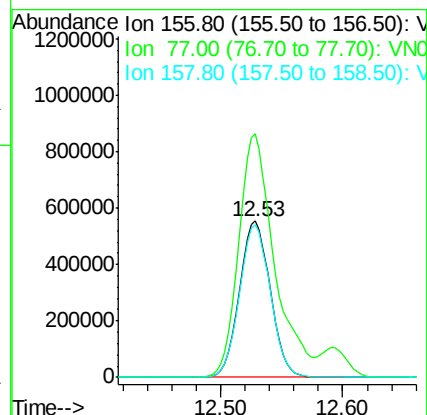
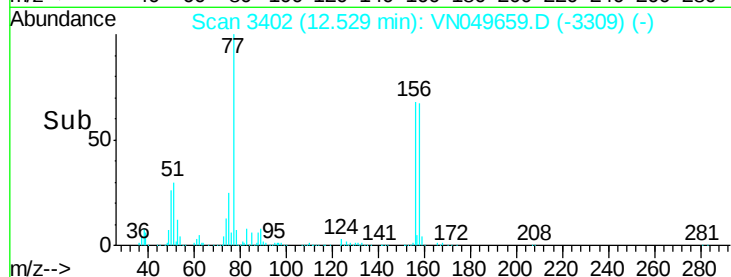
158 98.0 49.1 147.3



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: 46.10 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049659.D

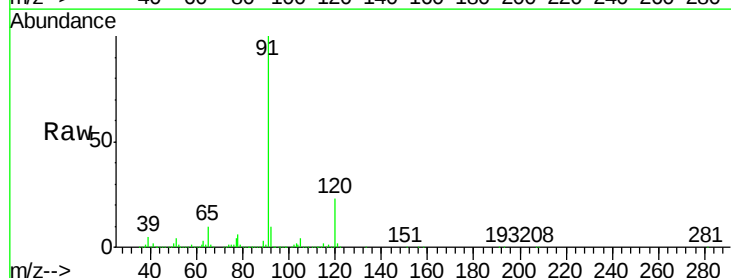
Acq: 30 Jun 2018 20:27

Tgt Ion: 91 Resp: 4396775

Ion Ratio Lower Upper

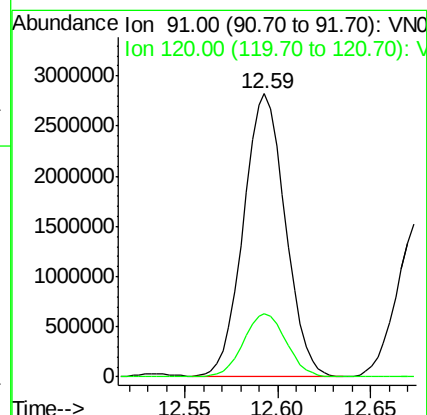
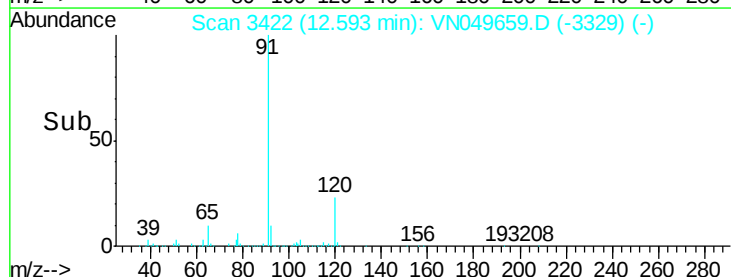
91 100

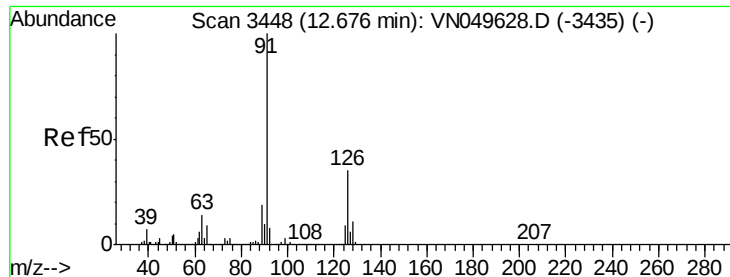
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.63 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

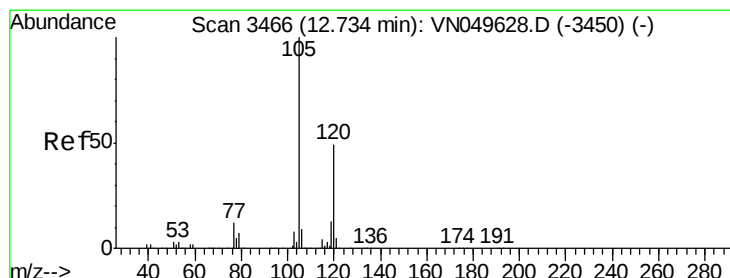
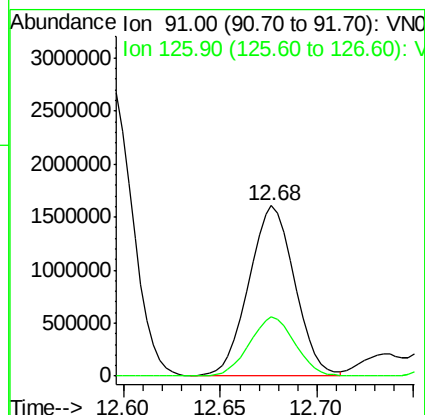
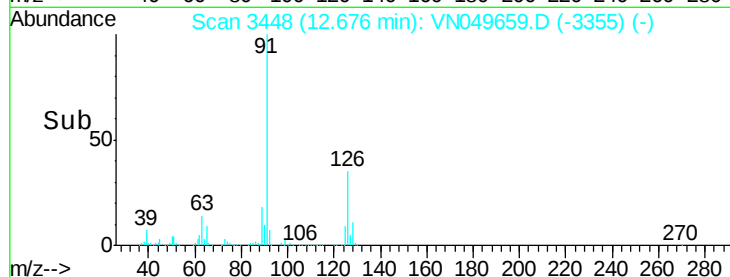
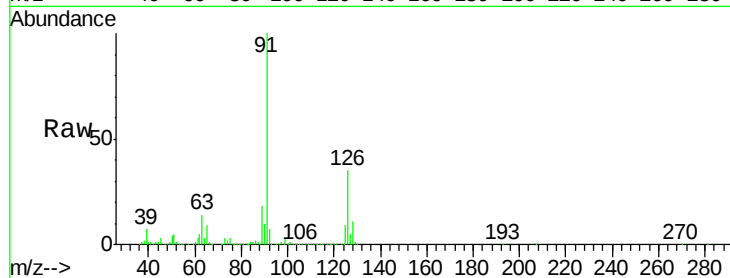
ClientSampleId :

Tot Ion: 91 Resp: 2633749

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 46.67 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049659.D

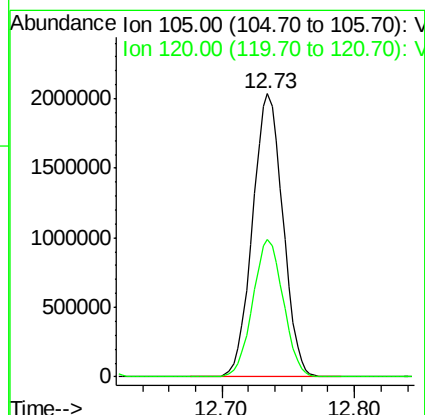
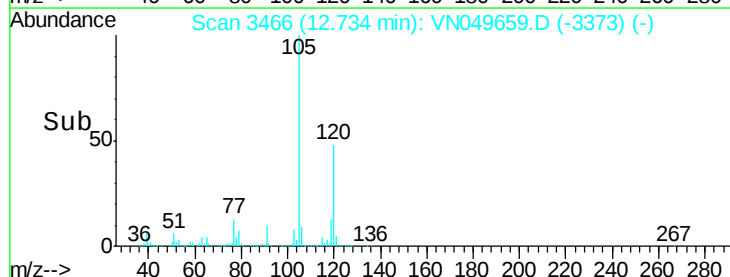
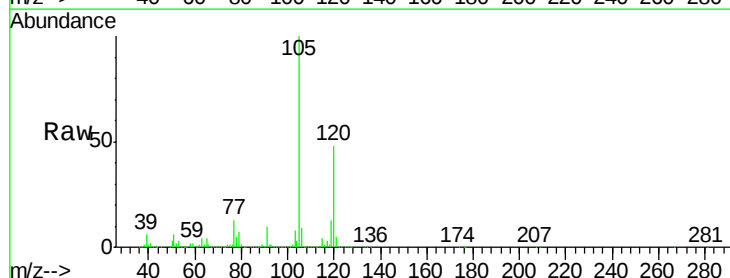
Acq: 30 Jun 2018 20:27

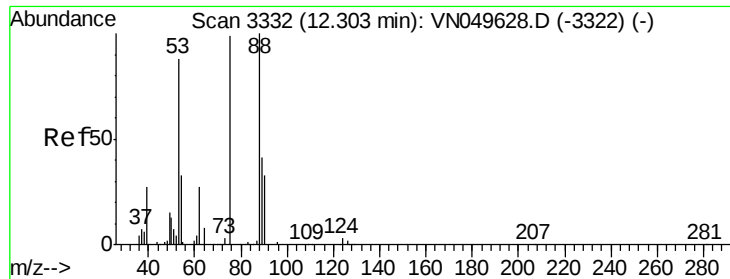
Tgt Ion: 105 Resp: 3227137

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

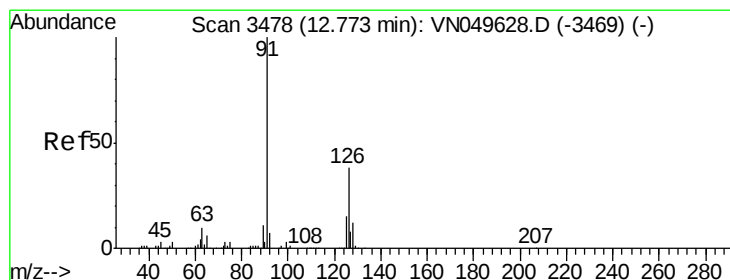
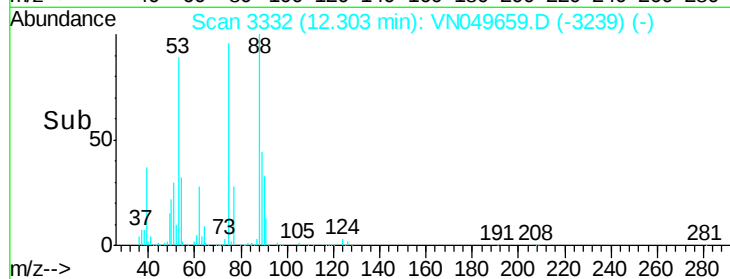
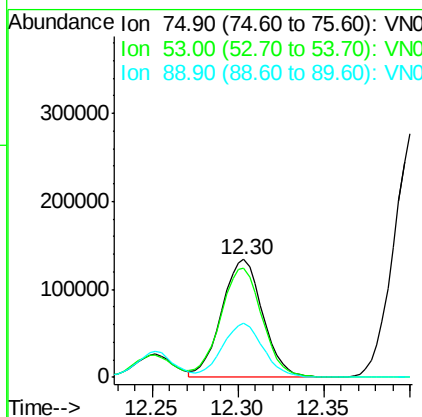
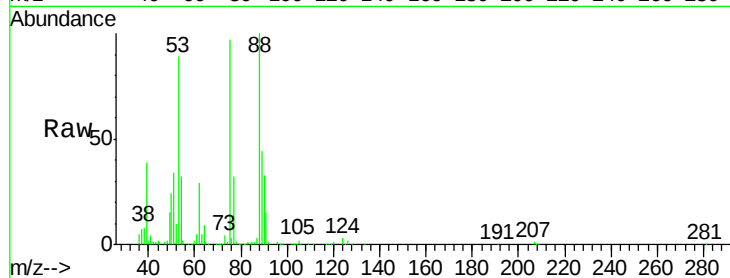




#81
trans-1,4-Dichloro-2-butene
Concen: 44.89 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

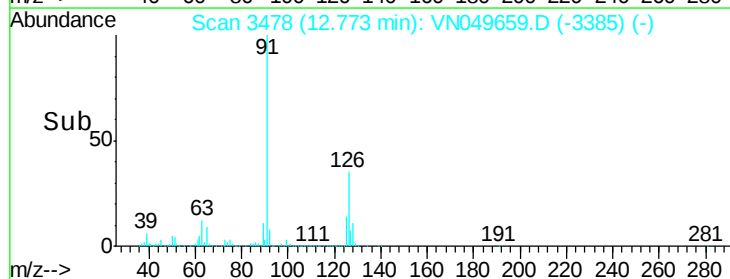
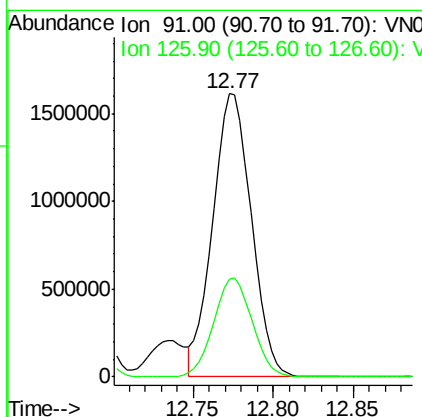
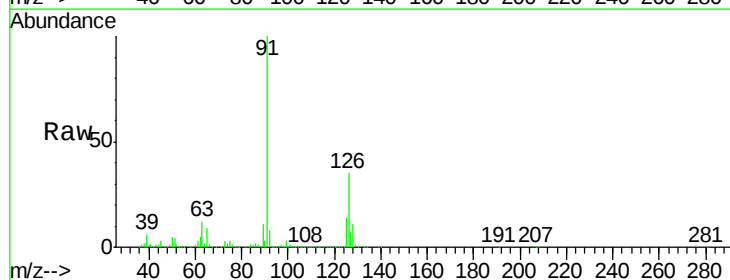
Instrument :
MSVOA_N
ClientSampled :

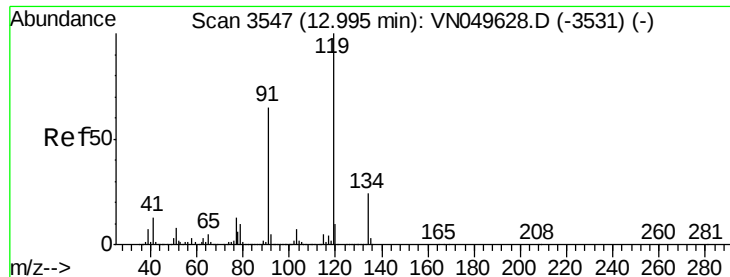
Tot Ion: 75 Resp: 221460
Ion Ratio Lower Upper
75 100
53 93.9 73.9 110.9
89 46.1 35.9 53.9



#82
4-Chlorotoluene
Concen: 43.94 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 91 Resp: 2666549
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 46.14 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

ClientSampleId :

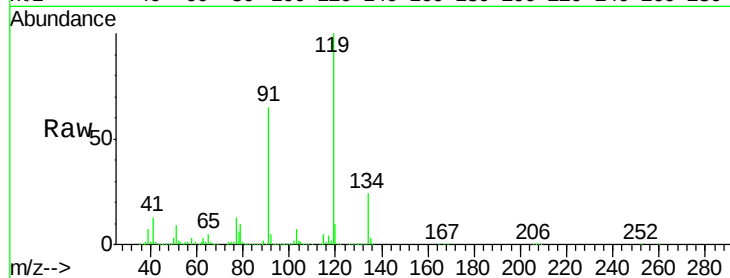
Tot Ion:119 Resp: 2740768

Ion Ratio Lower Upper

119 100

91 62.9 32.0 96.2

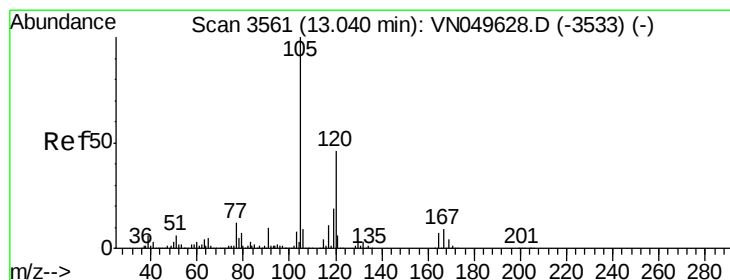
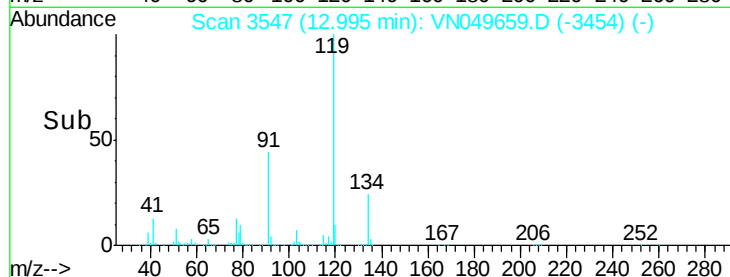
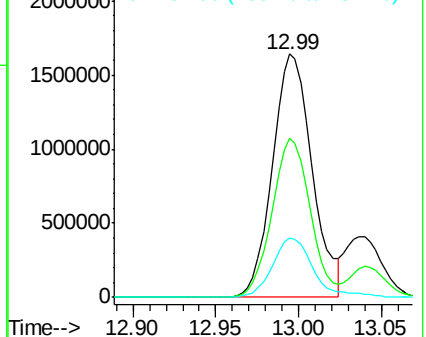
134 25.3 12.8 38.4



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: 46.64 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049659.D

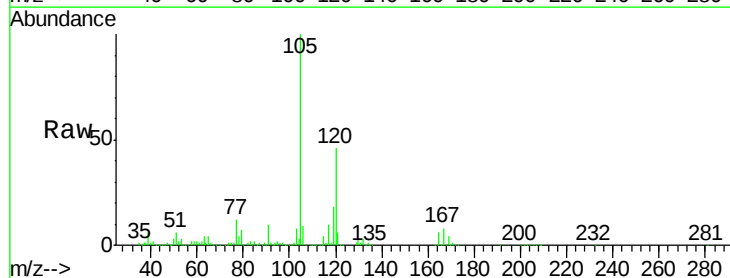
Acq: 30 Jun 2018 20:27

Tgt Ion:105 Resp: 3313935

Ion Ratio Lower Upper

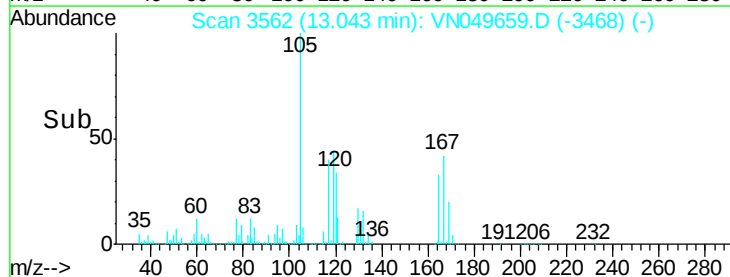
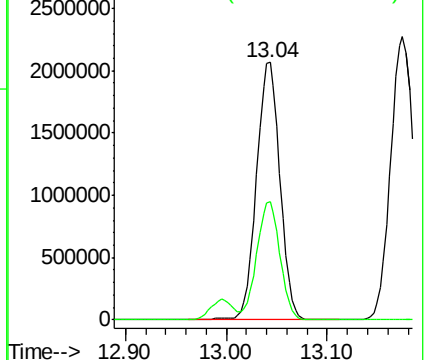
105 100

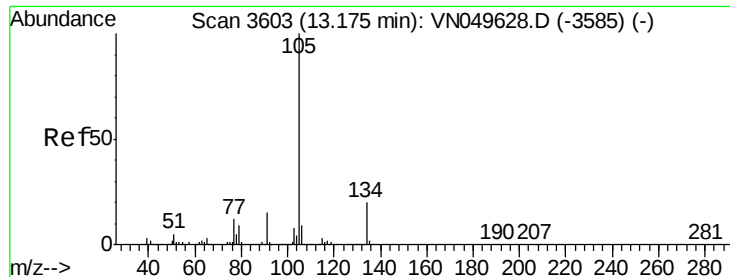
120 45.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.20 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Instrument :

MSVOA_N

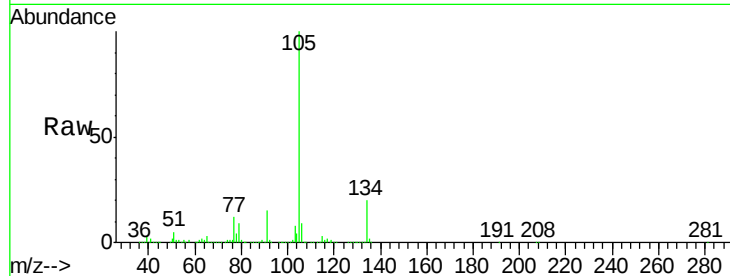
ClientSampled :

Tot Ion:105 Resp: 3636268

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

1500000

1000000

500000

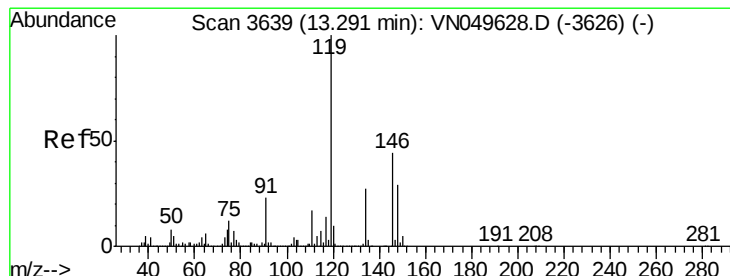
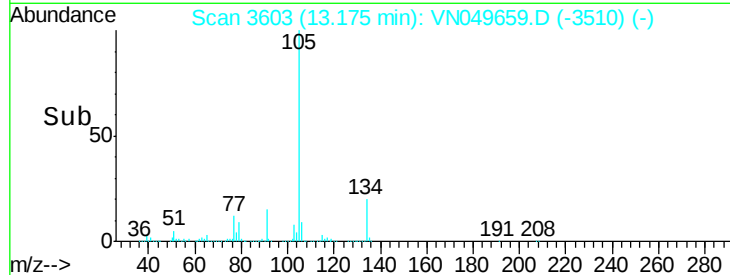
0

13.10

13.17

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 47.40 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

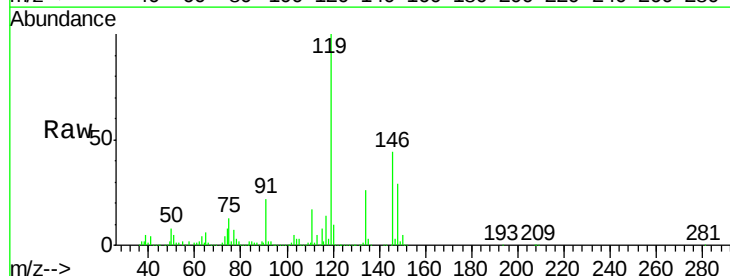
Tgt Ion:119 Resp: 3231519

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.3 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

2500000

2000000

1500000

1000000

500000

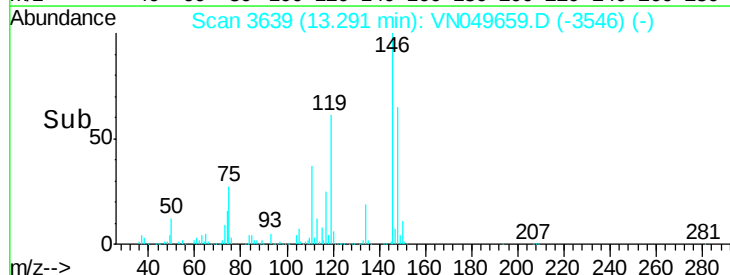
0

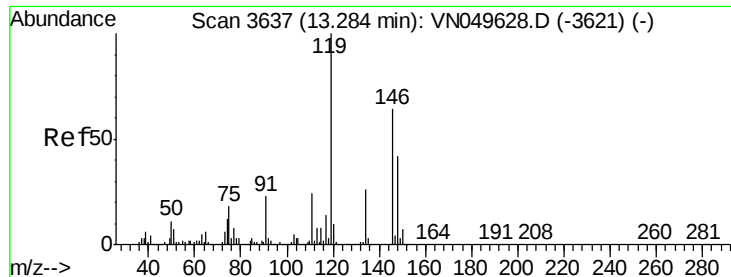
13.25

13.29

13.35

Time-->

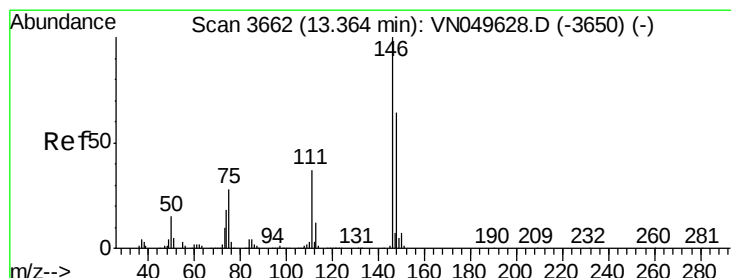
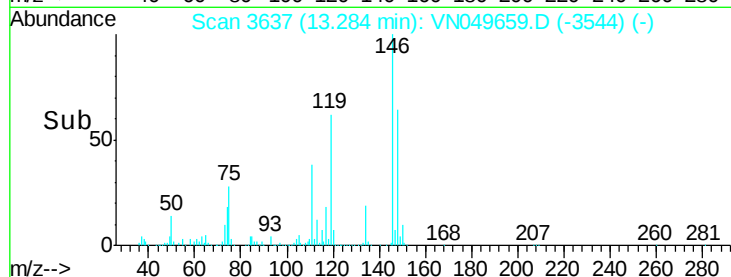
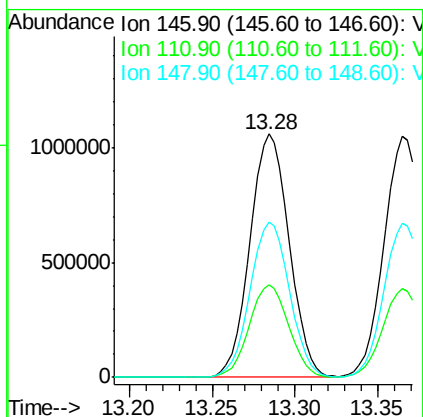
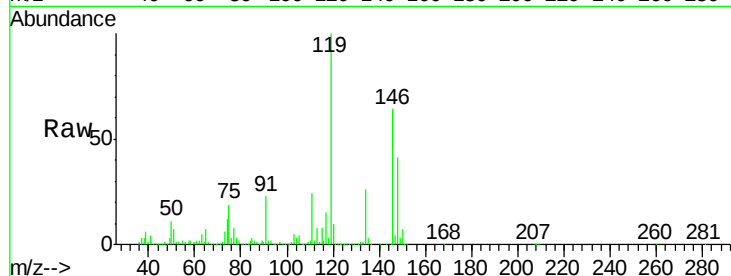




#87
 1,3-Dichlorobenzene
 Concen: 45.75 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

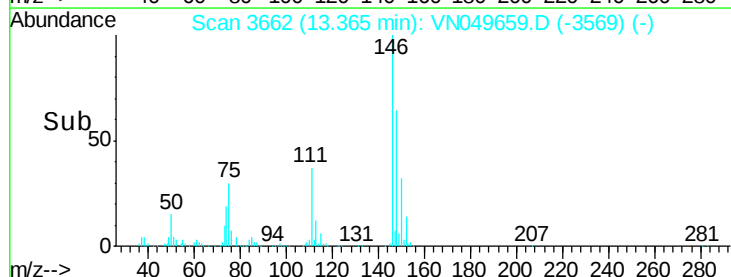
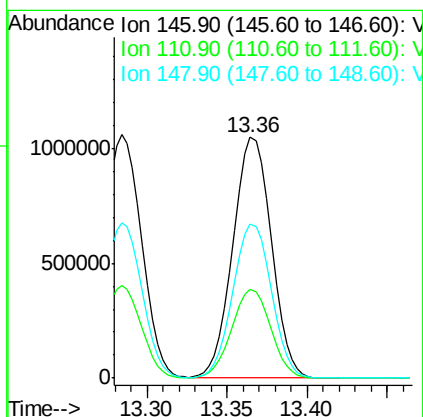
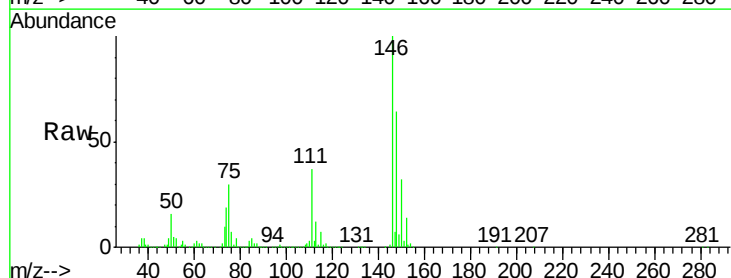
Instrument :
 MSVOA_N
 ClientSampled :

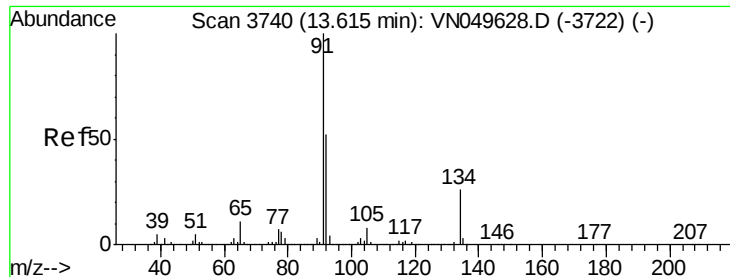
Tot Ion:146 Resp: 1754999
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 64.1 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 45.76 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Tgt Ion:146 Resp: 1723672
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.5
 148 64.0 32.1 96.3

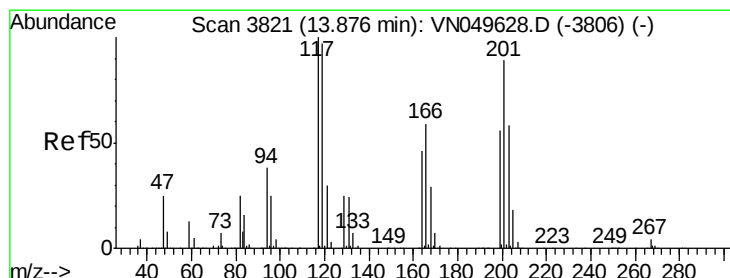
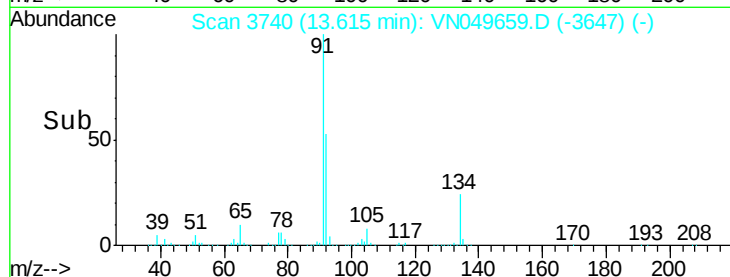
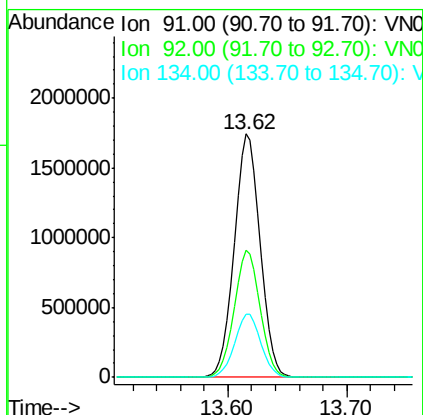
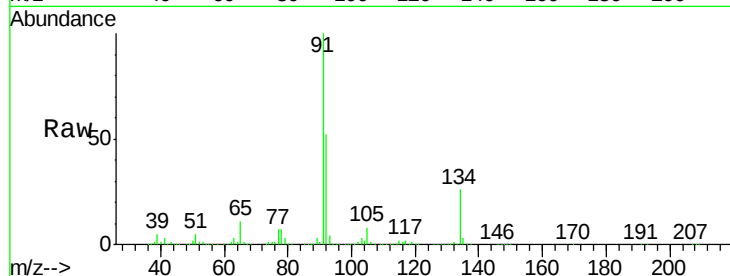




#89
n-Butylbenzene
Concen: 44.92 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

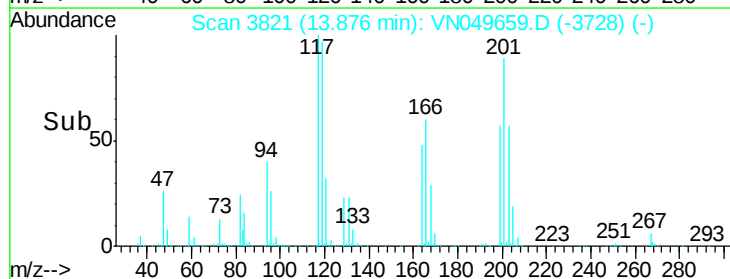
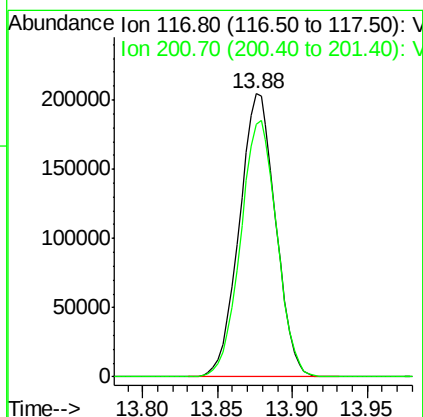
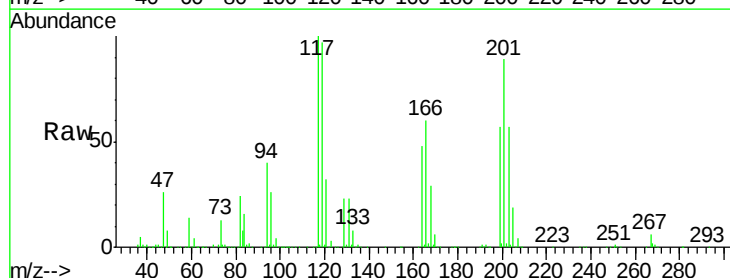
Instrument :
MSVOA_N
ClientSampleId :

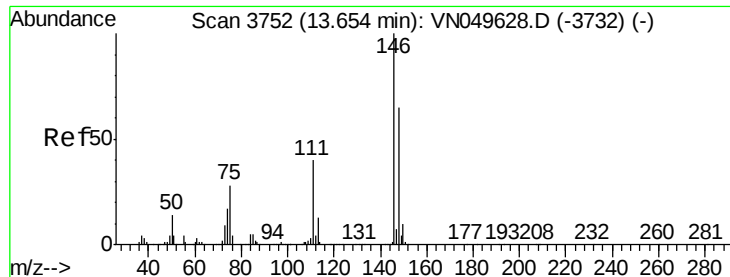
Tot Ion: 91 Resp: 2621563
Ion Ratio Lower Upper
91 100
92 52.1 25.8 77.3
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 47.99 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049659.D
Acq: 30 Jun 2018 20:27

Tgt Ion: 117 Resp: 343655
Ion Ratio Lower Upper
117 100
201 90.8 45.3 135.8

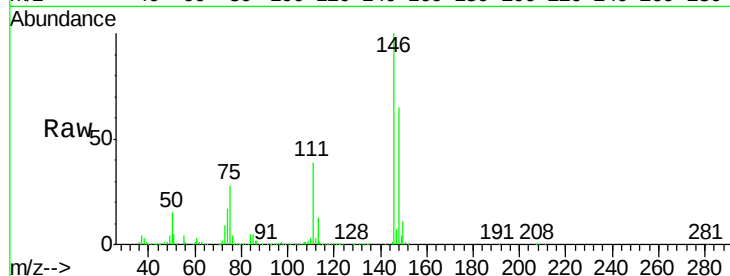




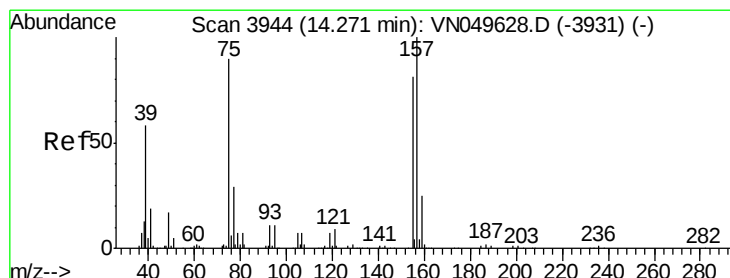
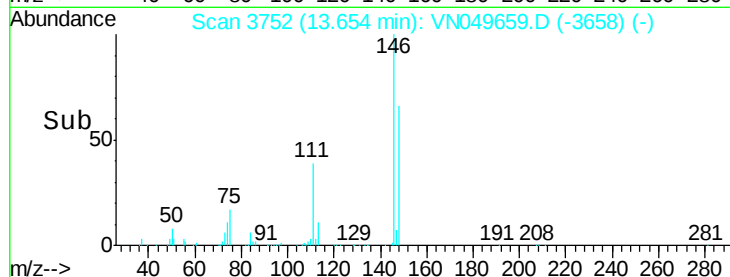
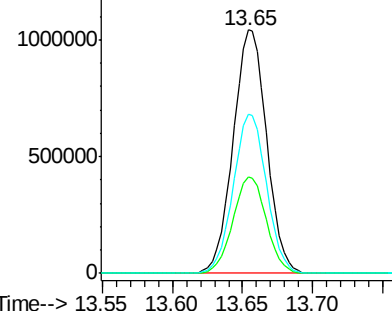
#91
 1,2-Dichlorobenzene
 Concen: 47.01 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 1732564
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 65.1 32.0 96.2

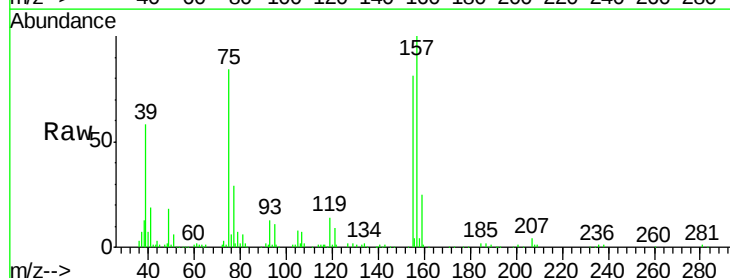


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

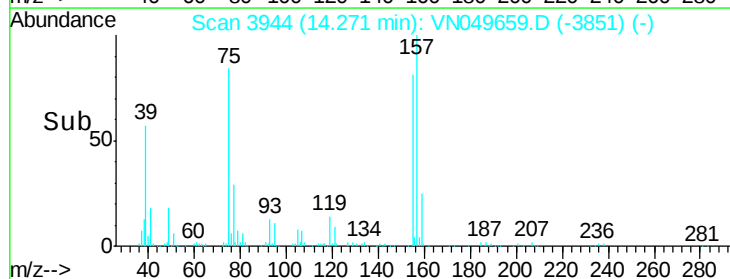
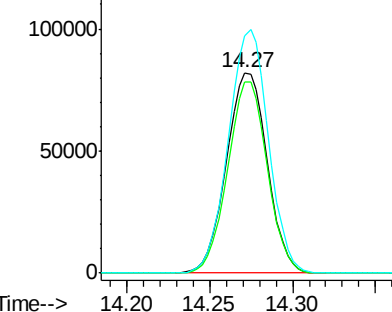


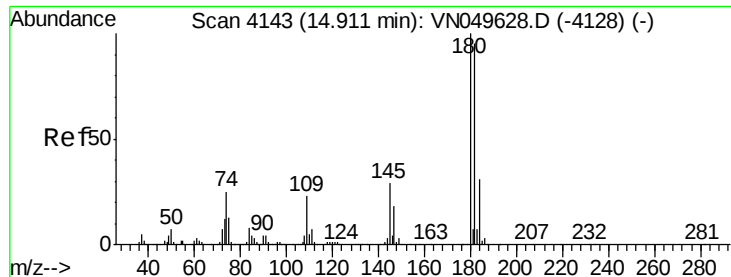
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.31 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Tgt Ion: 75 Resp: 140251
 Ion Ratio Lower Upper
 75 100
 155 92.6 45.7 137.1
 157 119.2 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

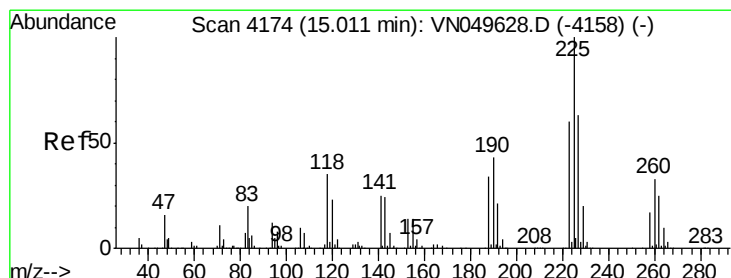
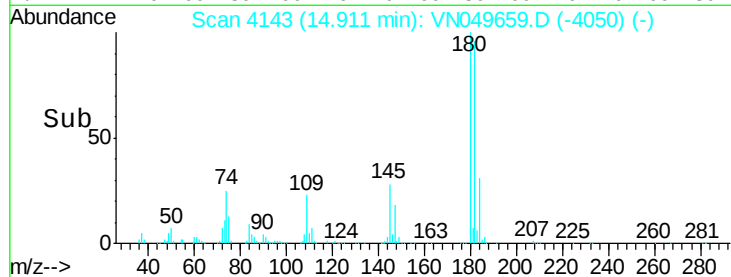
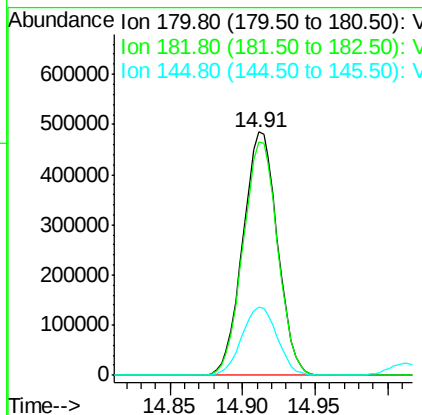
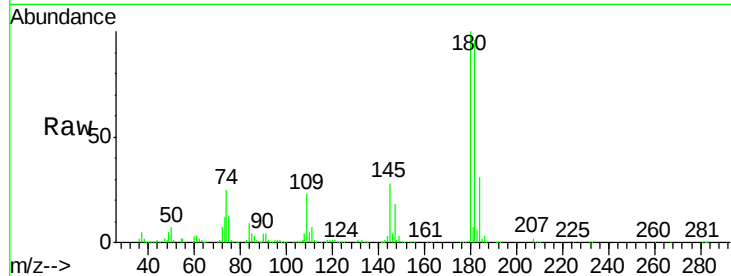




#93
 1,2,4-Trichlorobenzene
 Concen: 42.22 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

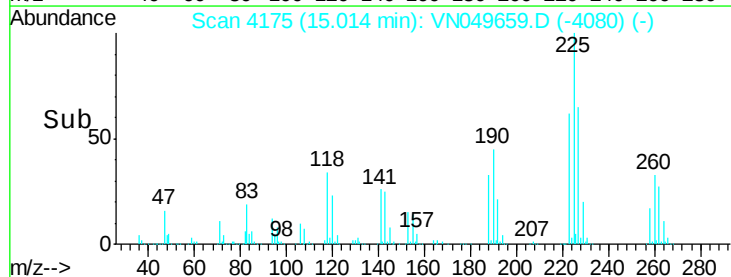
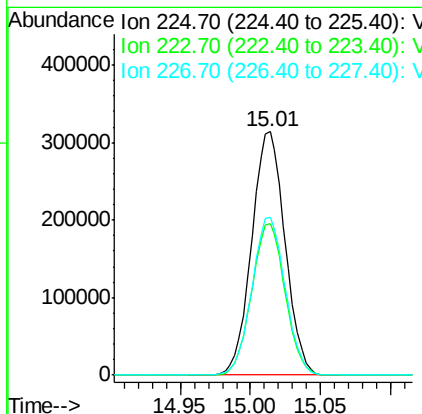
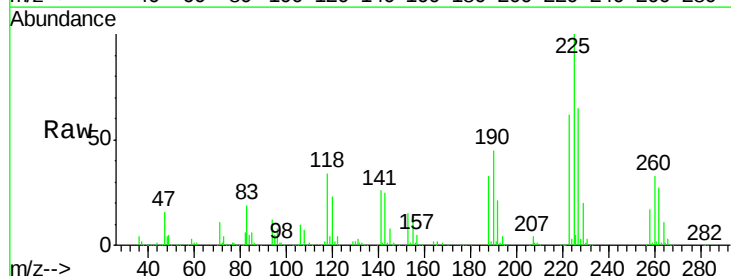
Instrument :
 MSVOA_N
 ClientSampleId :

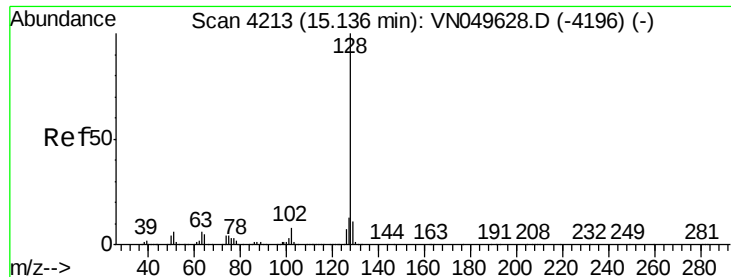
Tot Ion:180 Resp: 805214
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 141.9
 145 28.7 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 46.65 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049659.D
 Acq: 30 Jun 2018 20:27

Tgt Ion:225 Resp: 519350
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.9 92.7
 227 64.7 31.8 95.4





#95

Naphthalene

Concen: 41.87 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

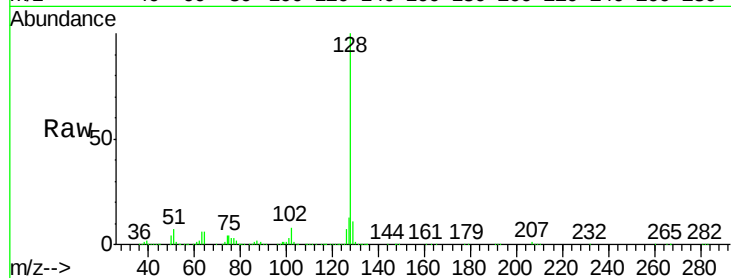
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:128 Resp: 1746027

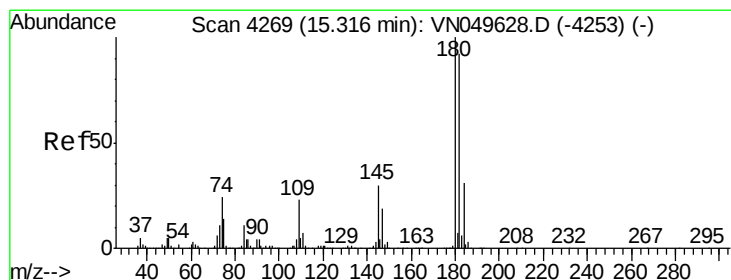
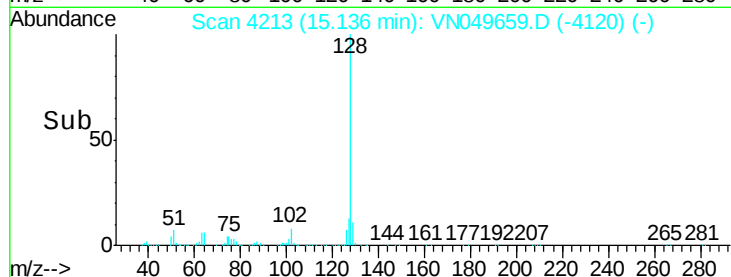
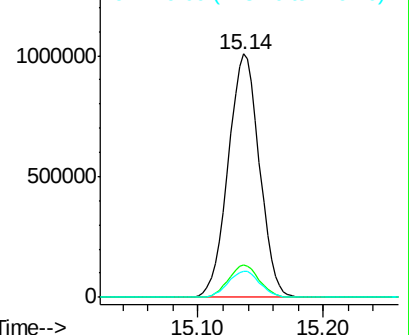
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0



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: 43.63 ug/l

RT: 15.32 min Scan# 4269

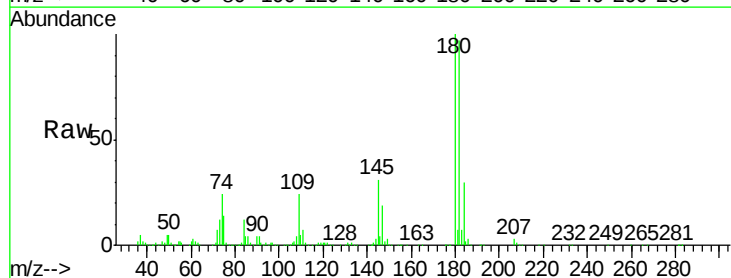
Delta R.T. 0.00 min

Lab File: VN049659.D

Acq: 30 Jun 2018 20:27

Tgt Ion:180 Resp: 793567

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.4	142.2
145	30.5	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

