

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049889.D
 Acq On : 18 Jul 2018 23:15
 Operator : MD\SY
 Sample : VN0718WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 06:05:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	893812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	425406	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	372216	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.09	98	1361231	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	444000	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109006	19.62	ug/l	97
3) Chloromethane	2.06	50	147385	18.51	ug/l	99
4) Vinyl Chloride	2.18	62	161901	19.06	ug/l	100
5) Bromomethane	2.56	94	101847	20.31	ug/l	98
6) Chloroethane	2.70	64	103525	18.66	ug/l	99
7) Trichlorofluoromethane	3.01	101	221228	18.95	ug/l	100
8) Diethyl Ether	3.41	74	81897	20.10	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	132676	18.43	ug/l	100
10) Methyl Iodide	3.95	142	176852	18.31	ug/l	98
11) Tert butyl alcohol	4.81	59	58931	103.16	ug/l	99
12) 1,1-Dichloroethene	3.73	96	118958	18.81	ug/l	99
13) Acrolein	3.61	56	33953	92.23	ug/l	96
14) Allyl chloride	4.32	41	189720	19.03	ug/l	99
15) Acrylonitrile	4.99	53	258230	102.78	ug/l	97
16) Acetone	3.82	43	195966	94.39	ug/l	98
17) Carbon Disulfide	4.04	76	341880	18.06	ug/l	99
18) Methyl Acetate	4.33	43	152417	22.92	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	361873	20.79	ug/l	97
20) Methylene Chloride	4.55	84	146322	18.53	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	132374	19.71	ug/l	99
22) Diisopropyl ether	5.96	45	426632	20.97	ug/l	100
23) Vinyl Acetate	5.90	43	1469223	102.91	ug/l	100
24) 1,1-Dichloroethane	5.85	63	259791	19.89	ug/l	98
25) 2-Butanone	6.84	43	303250	102.20	ug/l	99
26) 2,2-Dichloropropane	6.83	77	174770	17.20	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	148317	20.12	ug/l	97
28) Bromochloromethane	7.20	49	116161	19.69	ug/l	98
29) Tetrahydrofuran	7.22	42	199975	106.98	ug/l	100
30) Chloroform	7.37	83	265556	19.80	ug/l	100
31) Cyclohexane	7.65	56	206036	19.38	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	225427	19.45	ug/l	100
36) 1,1-Dichloropropene	7.79	75	186313	18.75	ug/l	99
37) Ethyl Acetate	6.94	43	135012	19.78	ug/l	99
38) Carbon Tetrachloride	7.77	117	199176	18.71	ug/l	100

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	180895	17.62	ug/l	95
40) Benzene	8.04	78	586820	19.37	ug/l	99
41) Methacrylonitrile	7.17	41	63351	18.52	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	194885	19.43	ug/l	99
43) Isopropyl Acetate	8.17	43	256620	21.52	ug/l	100
44) Trichloroethene	8.83	130	150794	18.99	ug/l	98
45) 1,2-Dichloropropane	9.12	63	156418	19.14	ug/l	100
46) Dibromomethane	9.21	93	97609	19.26	ug/l	98
47) Bromodichloromethane	9.40	83	202227	19.30	ug/l	96
48) Methyl methacrylate	9.20	41	117342	19.62	ug/l	98
49) 1,4-Dioxane	9.20	88	33890	399.45	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	699444	104.95	ug/l	99
52) Toluene	10.16	92	358415	19.84	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	193881	18.71	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	219261	19.14	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	140616	18.84	ug/l	99
56) Ethyl methacrylate	10.43	69	169663	18.35	ug/l	97
57) 1,3-Dichloropropane	10.71	76	226991	19.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	411895	103.59	ug/l	100
59) 2-Hexanone	10.75	43	463927	103.63	ug/l	98
60) Dibromochloromethane	10.90	129	153829	18.79	ug/l	97
61) 1,2-Dibromoethane	11.01	107	137588	19.73	ug/l	100
64) Tetrachloroethene	10.63	164	139511	19.51	ug/l	99
65) Chlorobenzene	11.43	112	385804	19.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	149581	19.31	ug/l	99
67) Ethyl Benzene	11.51	91	629677	19.41	ug/l	100
68) m/p-Xylenes	11.62	106	496065	40.40	ug/l	99
69) o-Xylene	11.95	106	232769	19.74	ug/l	99
70) Styrene	11.96	104	384239	20.11	ug/l	99
71) Bromoform	12.13	173	110596	19.96	ug/l #	99
73) Isopropylbenzene	12.25	105	626103	19.94	ug/l	99
74) N-amyl acetate	12.07	43	194159	20.32	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	186781	19.86	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	217791	28.09	ug/l #	100
77) Bromobenzene	12.53	156	168038	19.38	ug/l	98
78) n-propylbenzene	12.59	91	715205	20.04	ug/l	100
79) 2-Chlorotoluene	12.68	91	438321	20.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	514433	20.44	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	46017	18.56	ug/l	96
82) 4-Chlorotoluene	12.77	91	444269	20.21	ug/l	100
83) tert-Butylbenzene	12.99	119	432090	19.55	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	529805	20.79	ug/l	100
85) sec-Butylbenzene	13.17	105	588969	20.17	ug/l	100
86) p-Isopropyltoluene	13.29	119	503127	20.21	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	294045	19.47	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	286723	18.93	ug/l	100
89) n-Butylbenzene	13.62	91	385523	18.76	ug/l	99
90) Hexachloroethane	13.87	117	101520	18.17	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	292643	19.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27863	19.17	ug/l	96

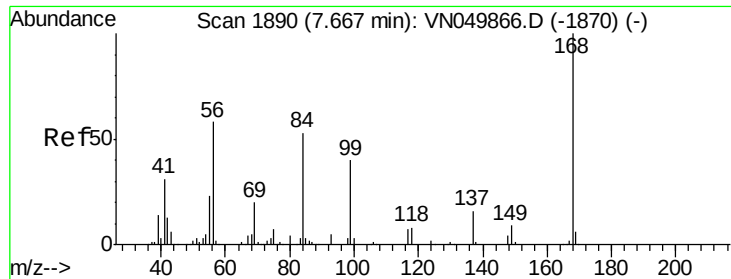
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	130475	18.30	ug/l	100
94) Hexachlorobutadiene	15.01	225	86936	17.86	ug/l	97
95) Naphthalene	15.14	128	285242	17.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	137971	19.37	ug/l	98

(#) = 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: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

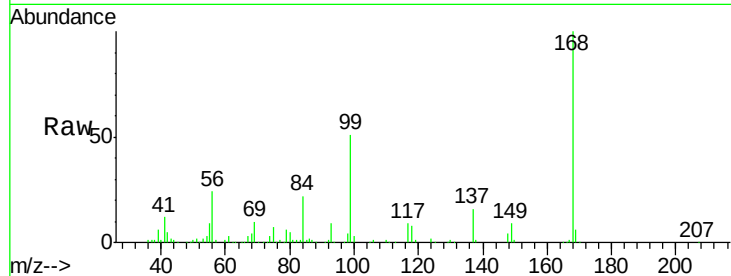
ClientSampleId :

Tot Ion:168 Resp: 583431

Ion Ratio Lower Upper

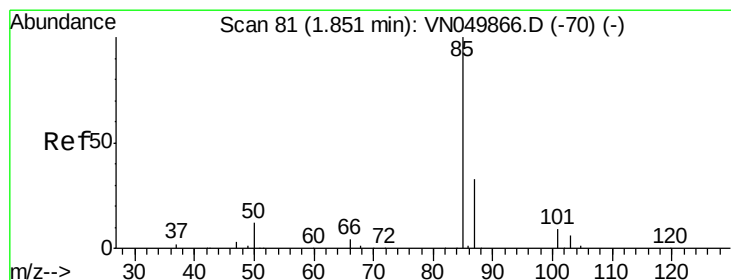
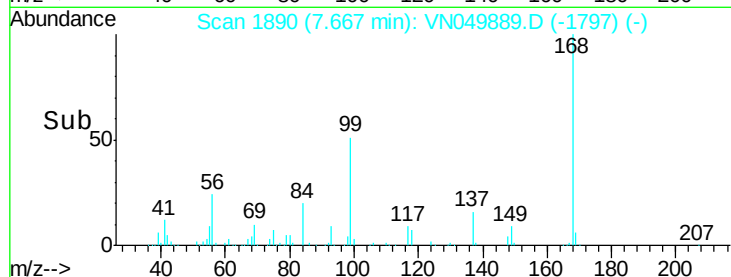
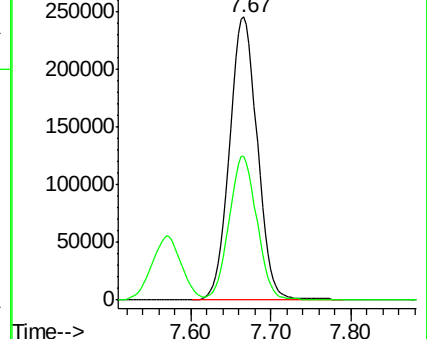
168 100

99 50.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.62 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049889.D

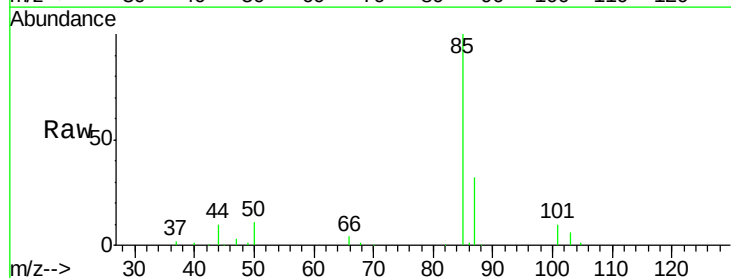
Acq: 18 Jul 2018 23:15

Tgt Ion: 85 Resp: 109006

Ion Ratio Lower Upper

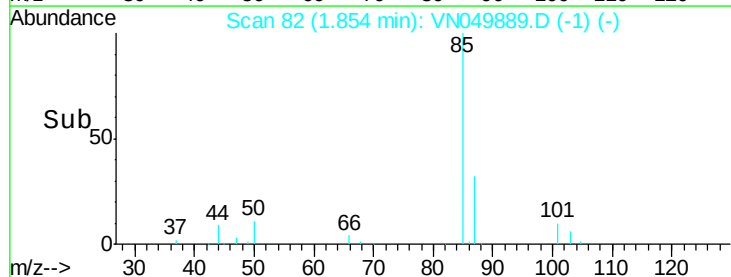
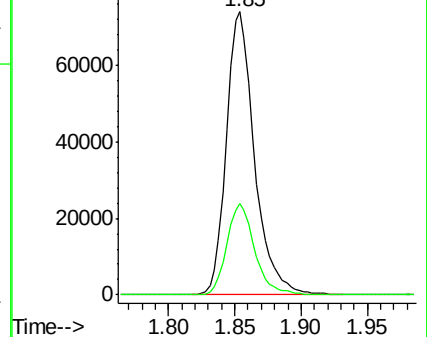
85 100

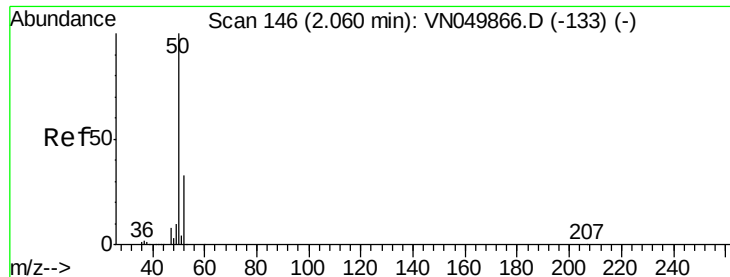
87 32.1 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.51 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

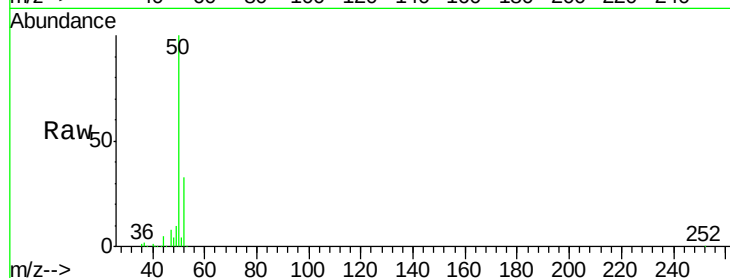
ClientSampleId :

Tot Ion: 50 Resp: 147385

Ion Ratio Lower Upper

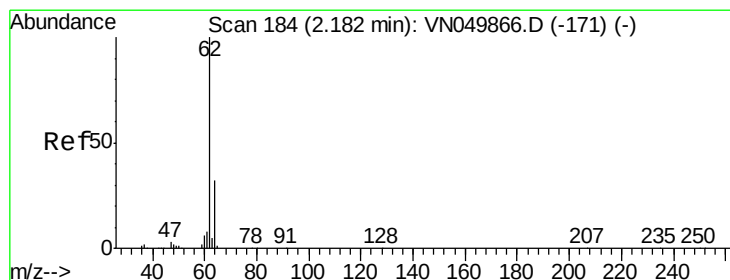
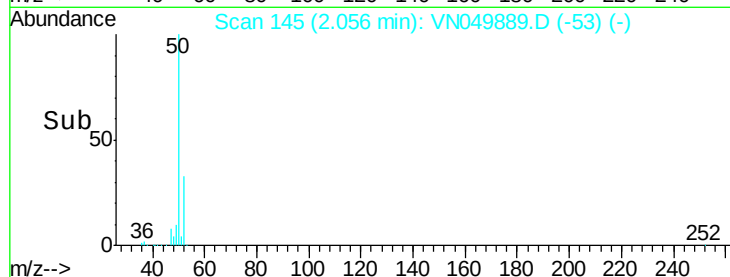
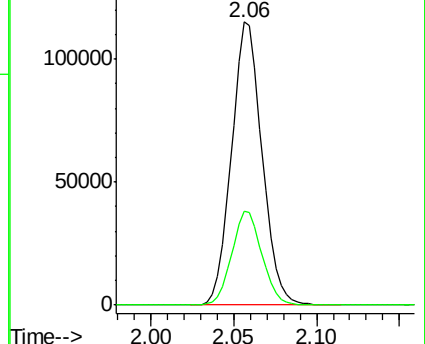
50 100

52 33.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.06 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049889.D

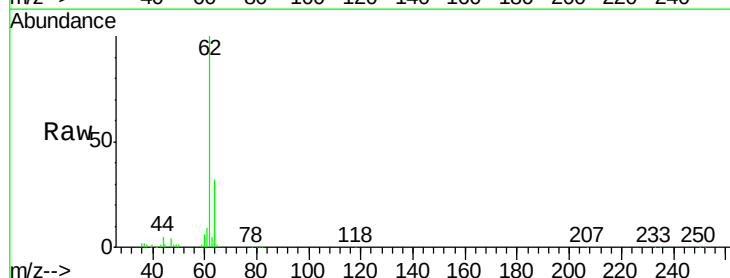
Acq: 18 Jul 2018 23:15

Tgt Ion: 62 Resp: 161901

Ion Ratio Lower Upper

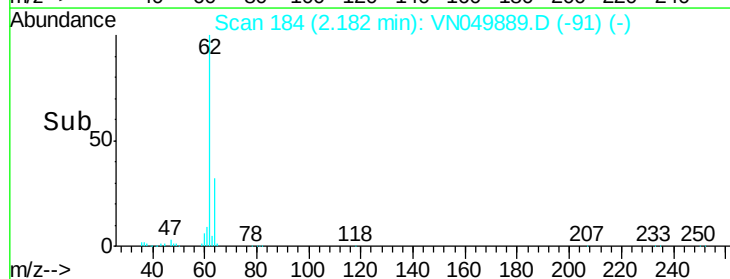
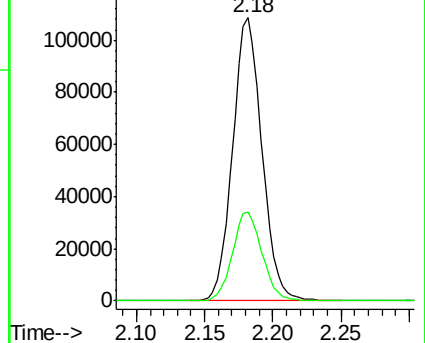
62 100

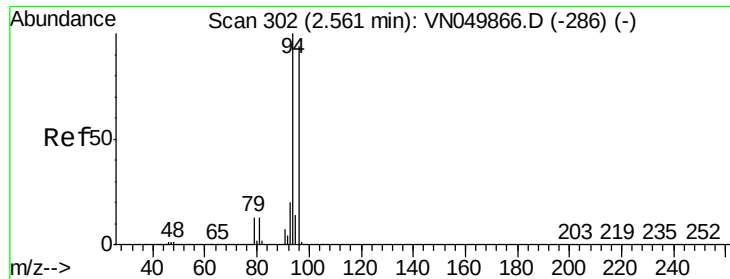
64 31.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.31 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

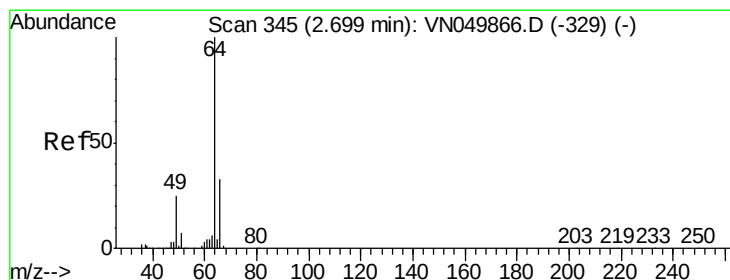
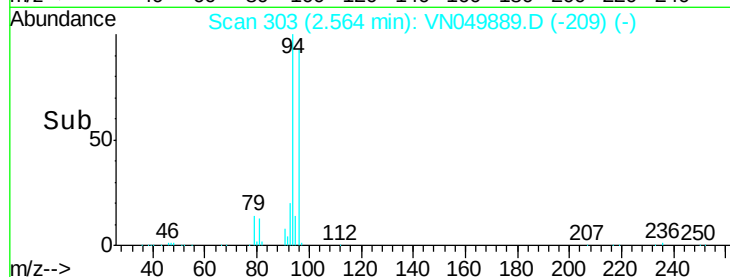
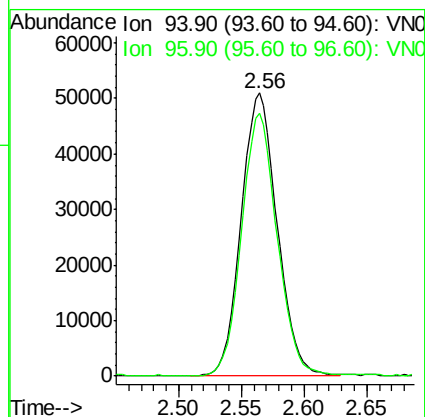
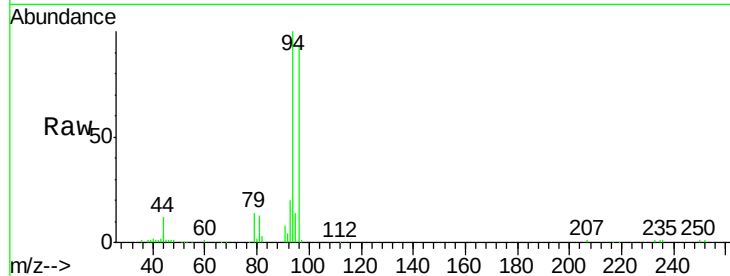
ClientSampled :

Tot Ion: 94 Resp: 101847

Ion Ratio Lower Upper

94 100

96 93.1 75.7 113.5



#6

Chloroethane

Concen: 18.66 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049889.D

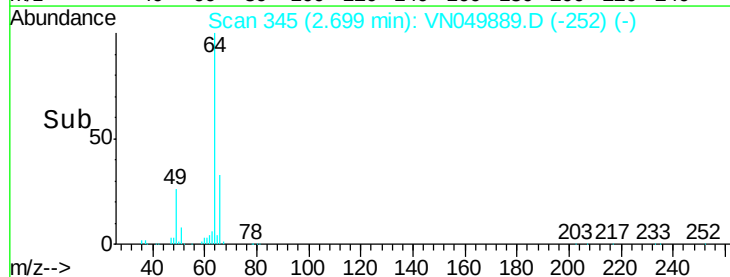
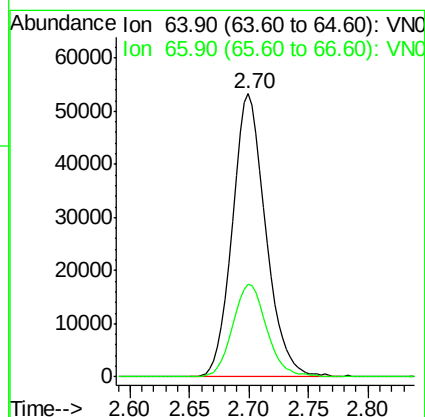
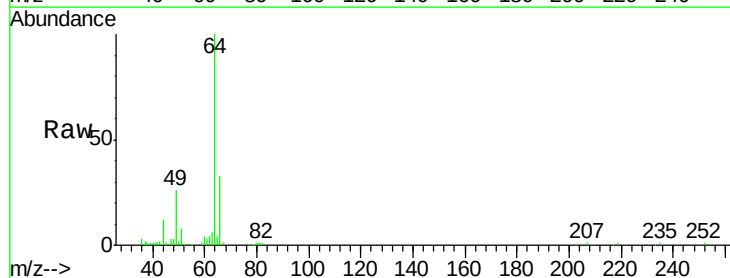
Acq: 18 Jul 2018 23:15

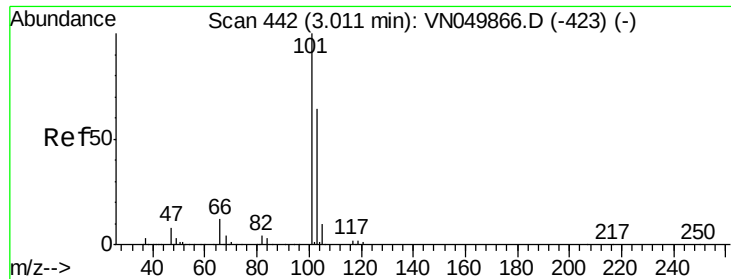
Tgt Ion: 64 Resp: 103525

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4



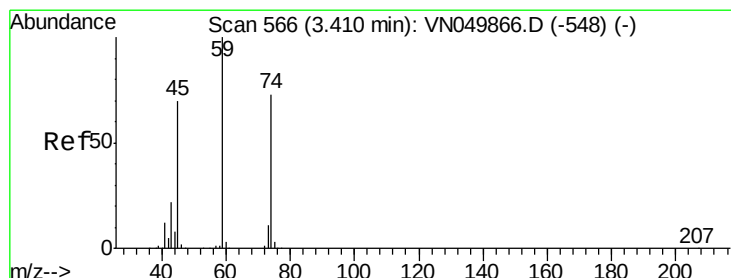
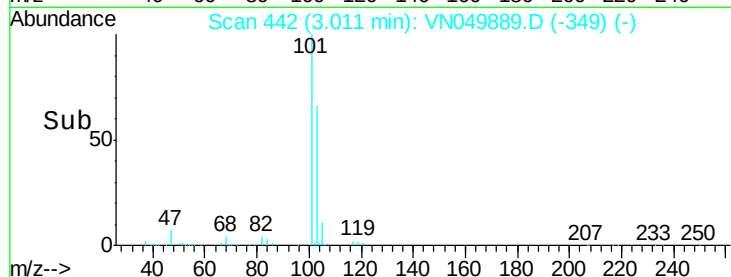
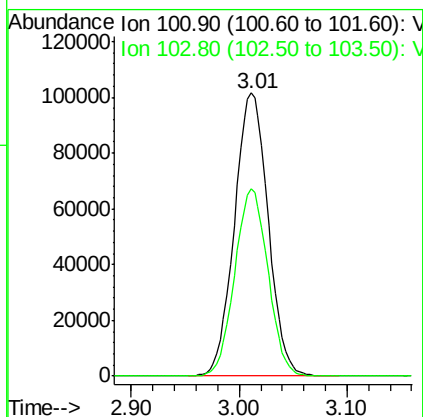
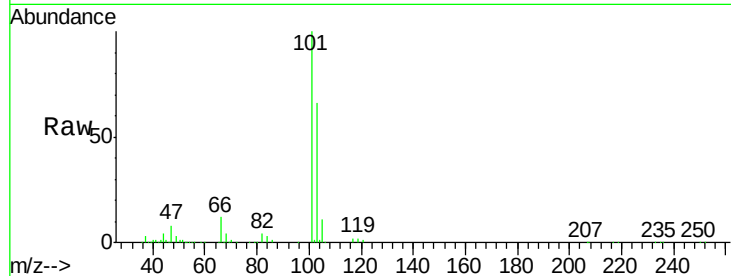


#7

Trichlorofluoromethane
 Concen: 18.95 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :

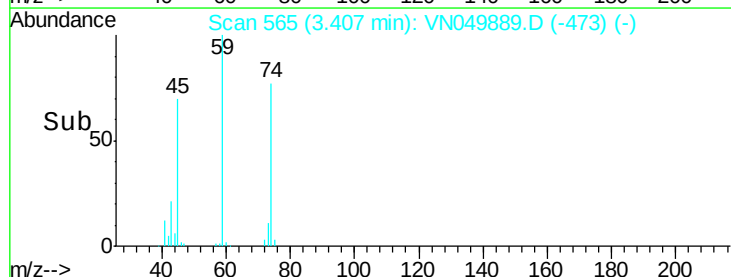
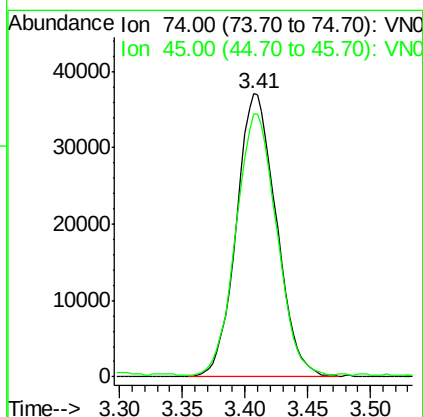
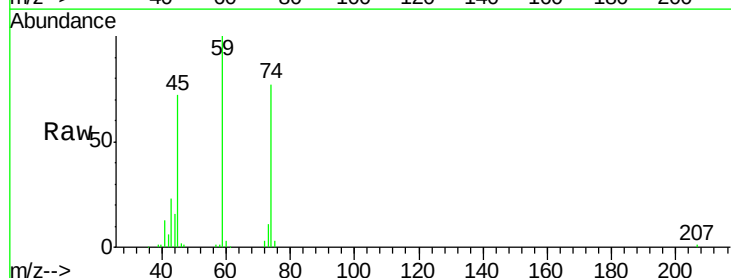
Tot Ion:101 Resp: 221228
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.8 79.2

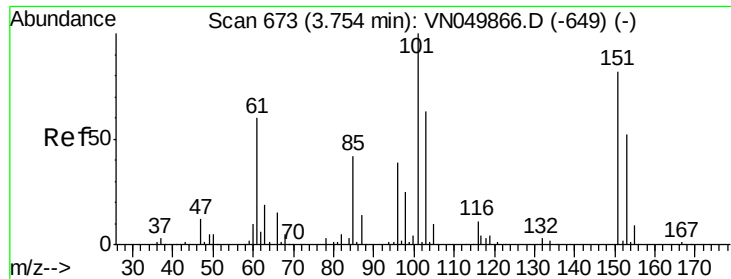


#8

Diethyl Ether
 Concen: 20.10 ug/l
 RT: 3.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 74 Resp: 81897
 Ion Ratio Lower Upper
 74 100
 45 93.7 48.4 145.2

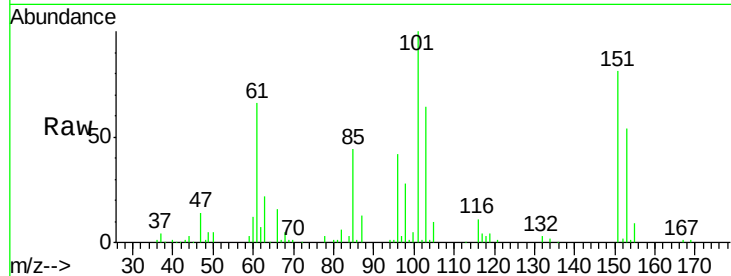




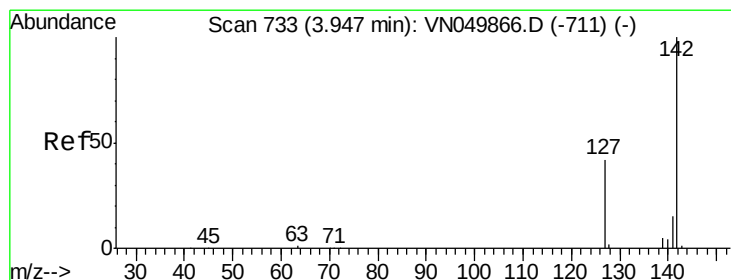
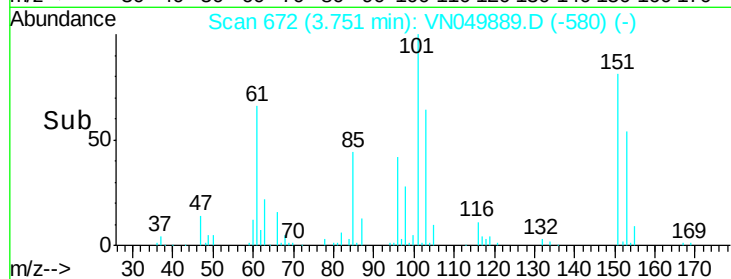
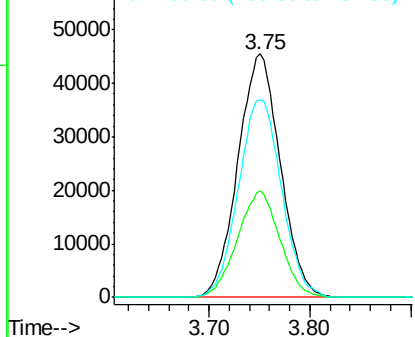
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.43 ug/l
 RT: 3.75 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 132676
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.4 51.6
 151 82.6 66.2 99.4

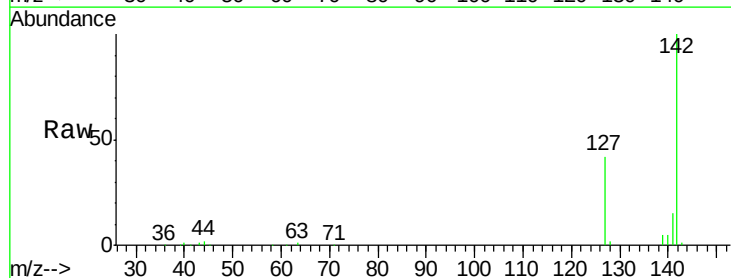


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

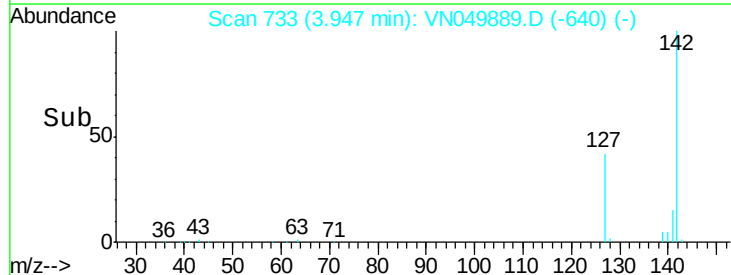
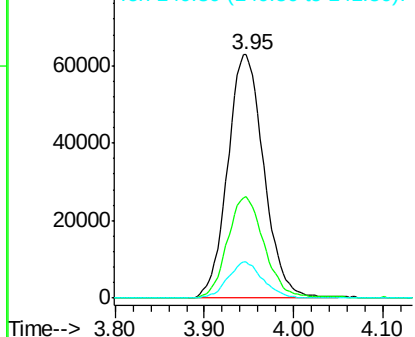


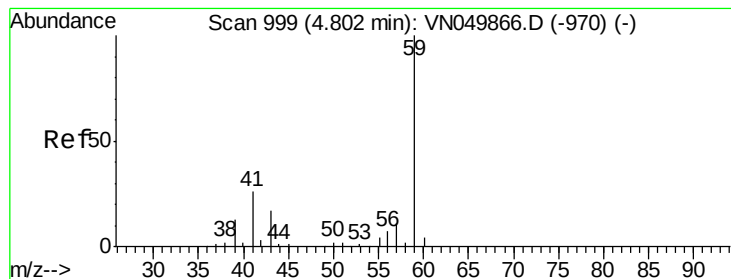
#10
 Methyl Iodide
 Concen: 18.31 ug/l
 RT: 3.95 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion:142 Resp: 176852
 Ion Ratio Lower Upper
 142 100
 127 42.4 32.5 48.7
 141 14.4 11.1 16.7



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



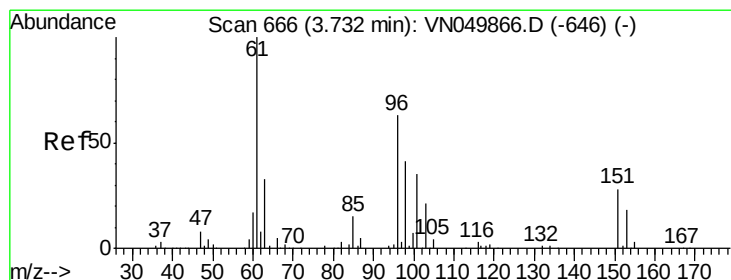
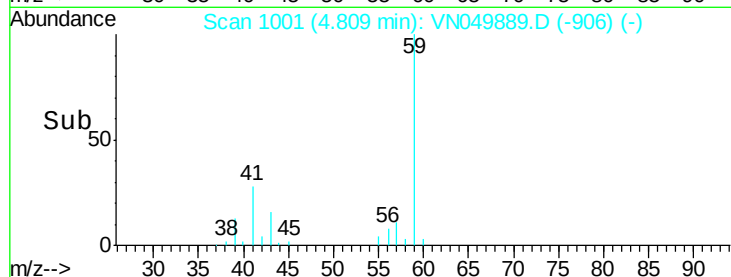
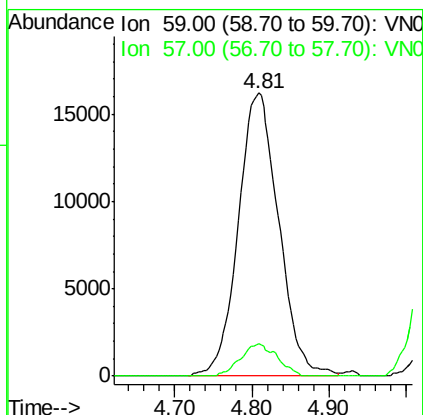
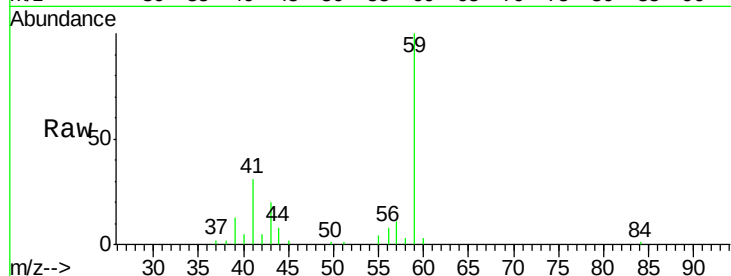


#11

Tert butyl alcohol
 Concen: 103.16 ug/l
 RT: 4.81 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Instrument :
 MSVOA_N
 ClientSampleId :

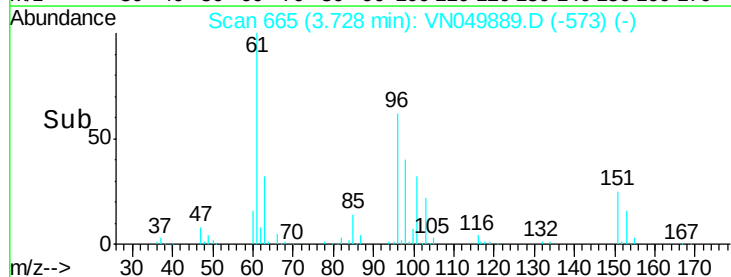
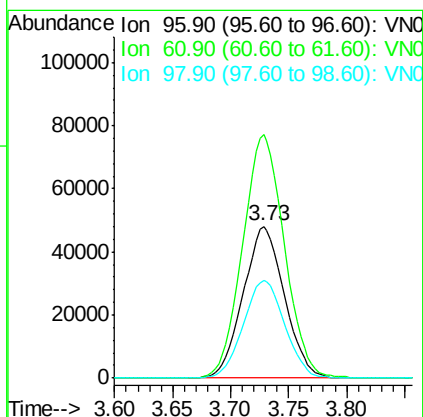
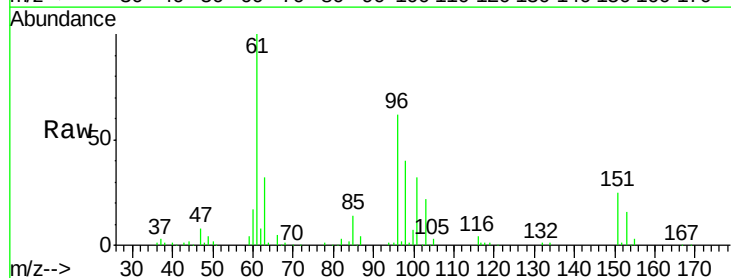
Tot Ion: 59 Resp: 58931
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

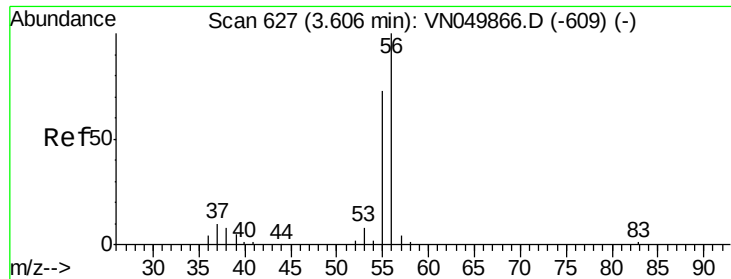


#12

1,1-Dichloroethene
 Concen: 18.81 ug/l
 RT: 3.73 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 96 Resp: 118958
 Ion Ratio Lower Upper
 96 100
 61 160.2 126.5 189.7
 98 63.9 51.0 76.6





#13

Acrolein

Concen: 92.23 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

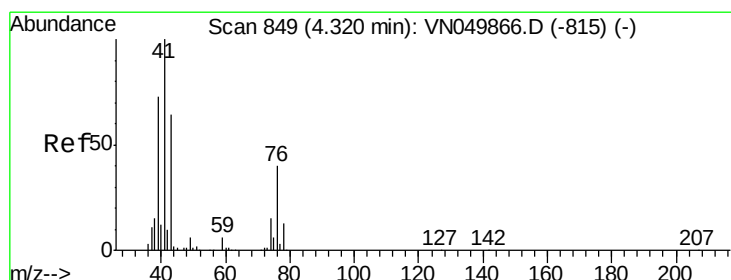
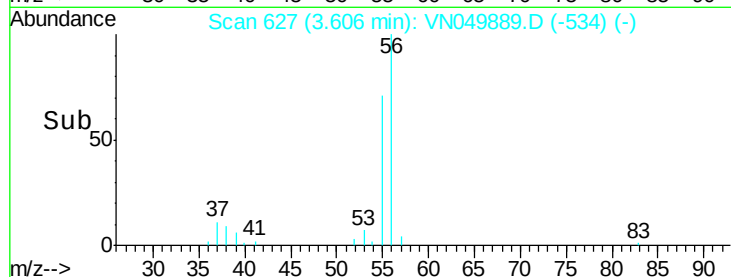
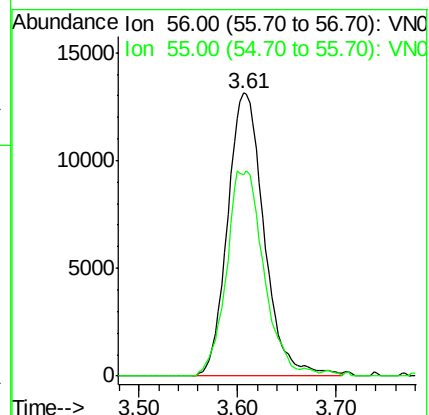
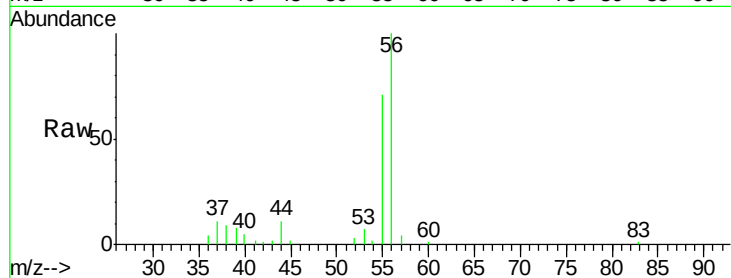
ClientSampled :

Tot Ion: 56 Resp: 33953

Ion Ratio Lower Upper

56 100

55 73.3 55.8 83.8



#14

Allyl chloride

Concen: 19.03 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

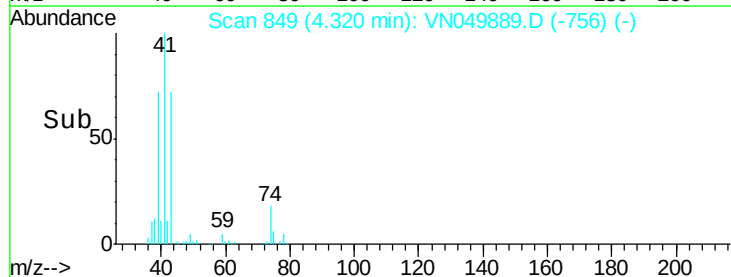
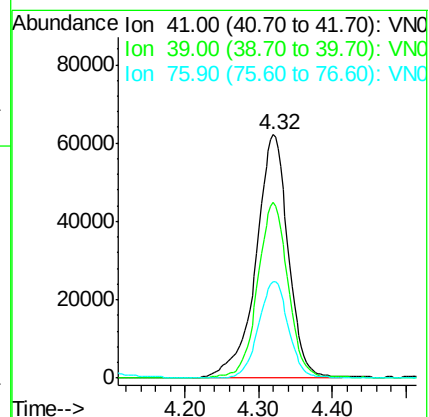
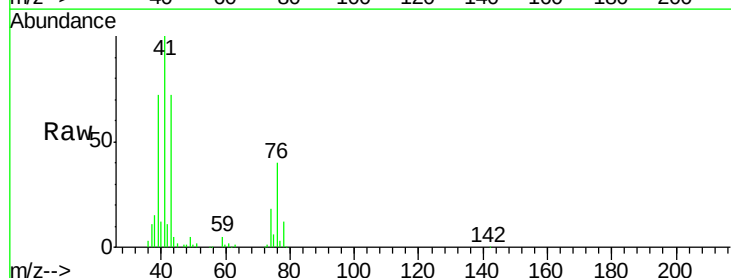
Tgt Ion: 41 Resp: 189720

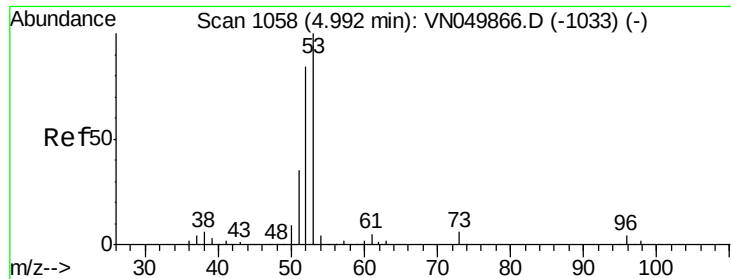
Ion Ratio Lower Upper

41 100

39 67.9 53.2 79.8

76 36.6 29.0 43.6





#15

Acrylonitrile

Concen: 102.78 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampled :

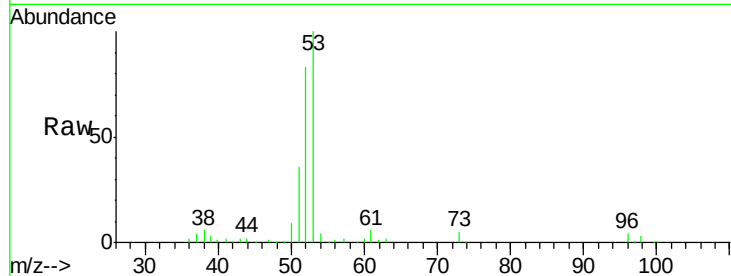
Tot Ion: 53 Resp: 258230

Ion Ratio Lower Upper

53 100

52 84.3 64.8 97.2

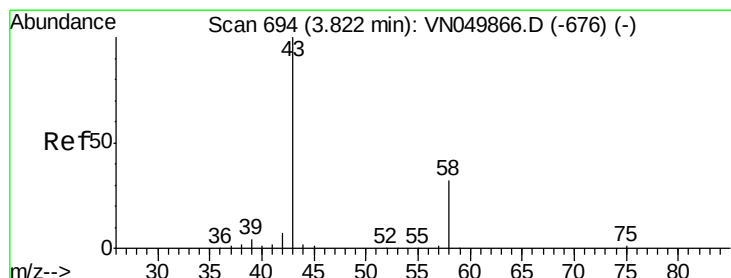
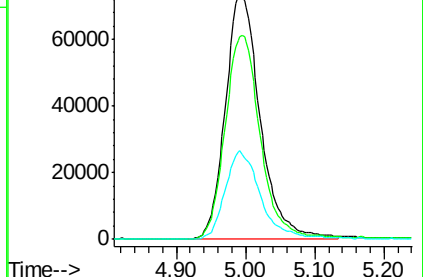
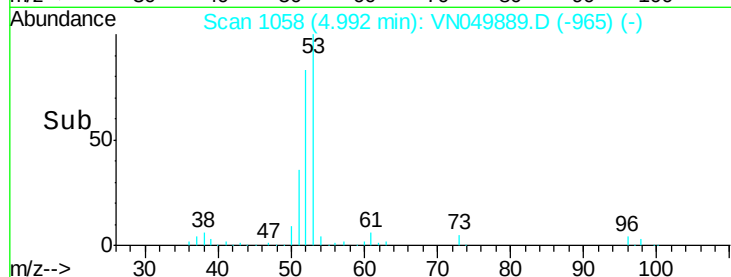
51 36.3 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049889.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN049889.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN049889.D (-965) (-)



#16

Acetone

Concen: 94.39 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049889.D

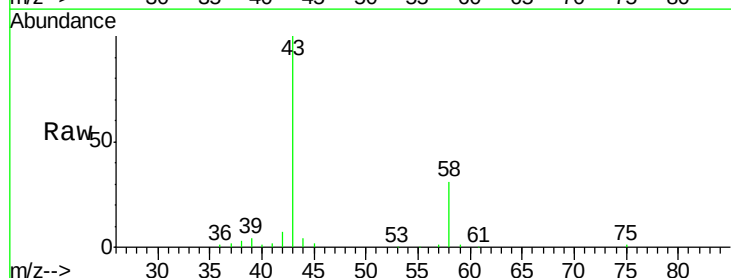
Acq: 18 Jul 2018 23:15

Tgt Ion: 43 Resp: 195966

Ion Ratio Lower Upper

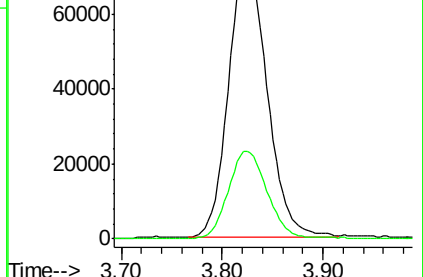
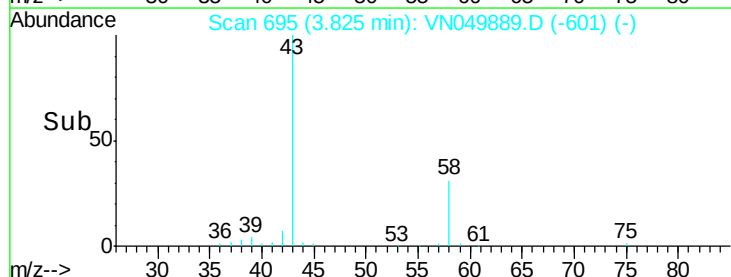
43 100

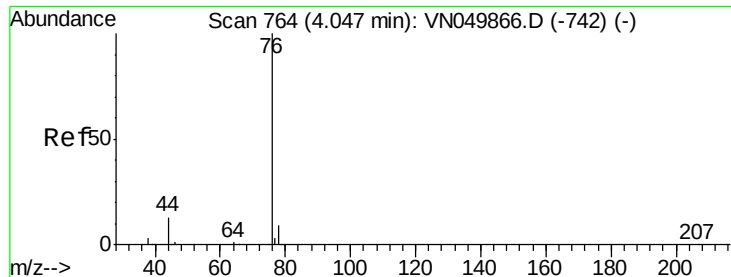
58 31.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049889.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049889.D (-601) (-)





#17

Carbon Disulfide

Concen: 18.06 ug/l

RT: 4.04 min Scan# 763

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

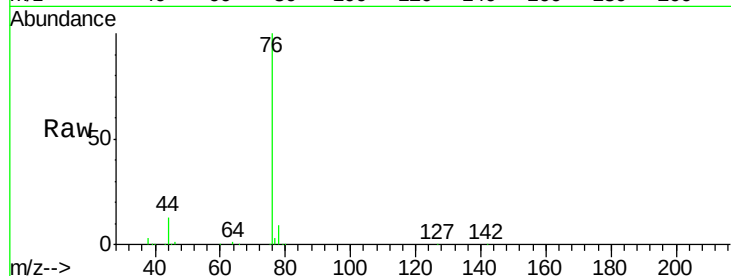
ClientSampleId :

Tot Ion: 76 Resp: 341880

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN049889.D (-759) (-)

Ion 77.90 (77.60 to 78.60): VN049889.D (-759) (-)

4.04

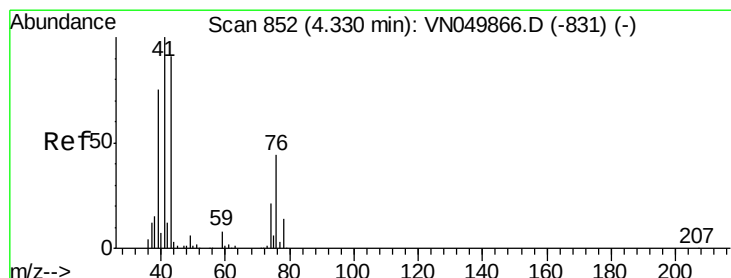
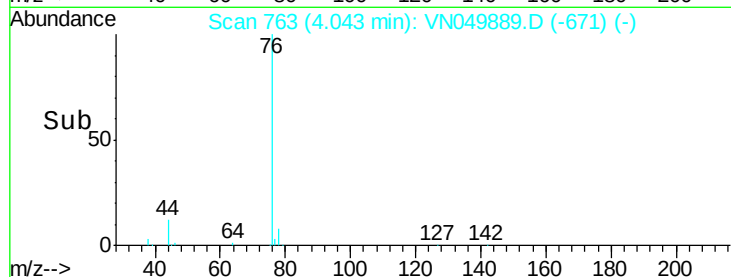
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 22.92 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049889.D

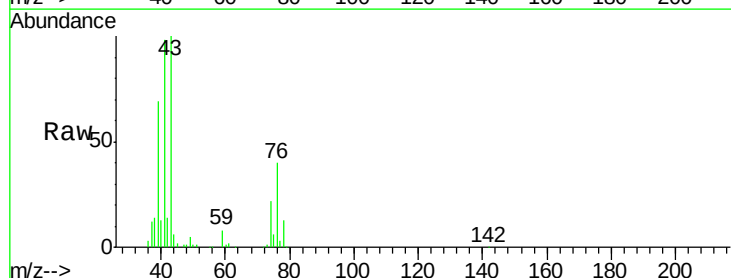
Acq: 18 Jul 2018 23:15

Tgt Ion: 43 Resp: 152417

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049889.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN049889.D (-759) (-)

4.33

60000

50000

40000

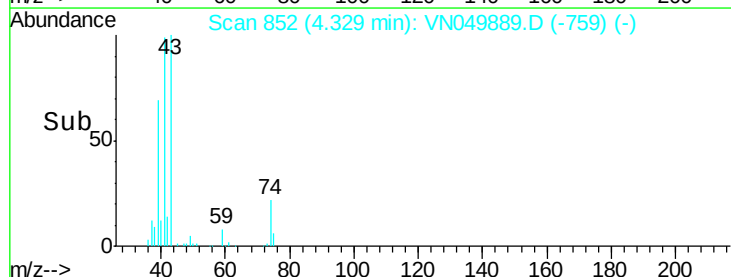
30000

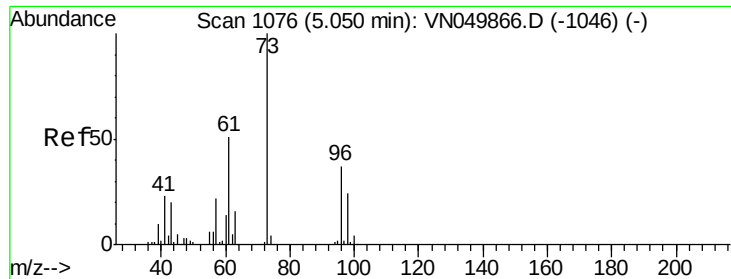
20000

10000

0

Time-->

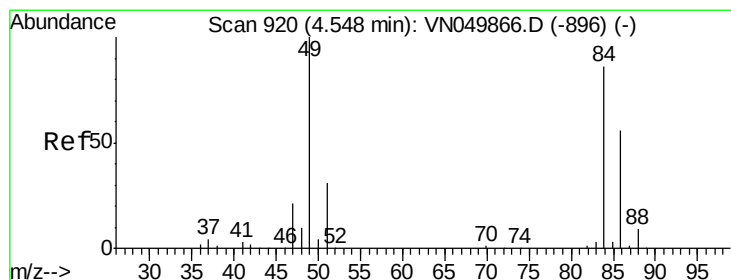
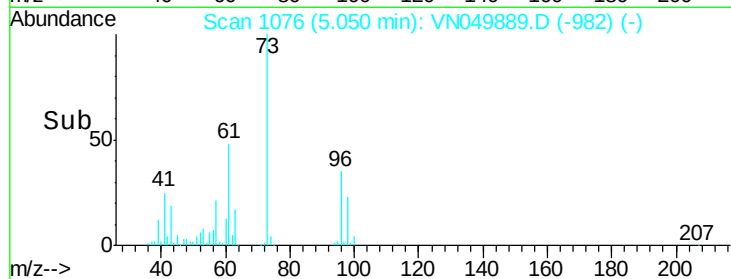
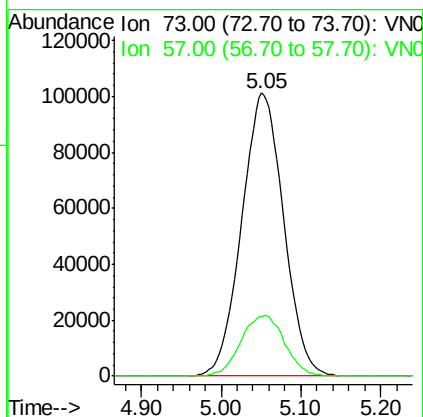
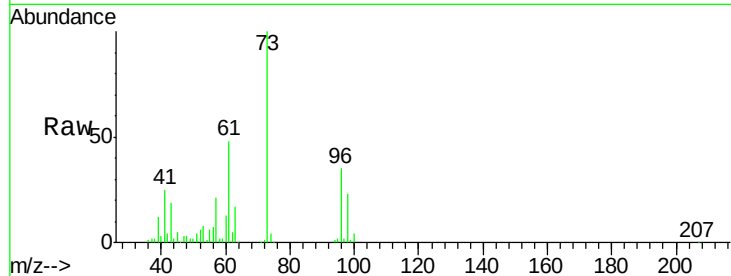




#19
Methyl tert-butyl Ether
Concen: 20.79 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

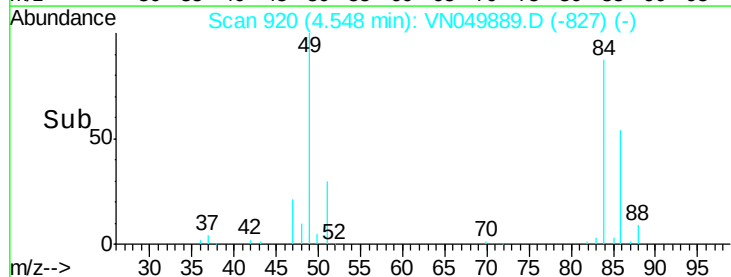
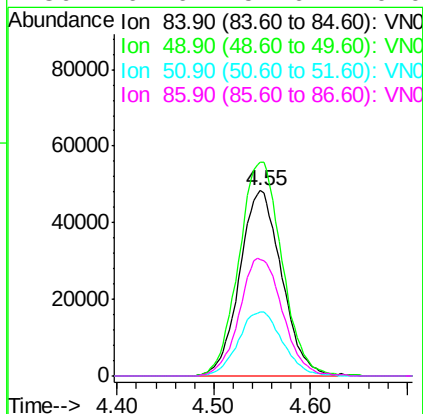
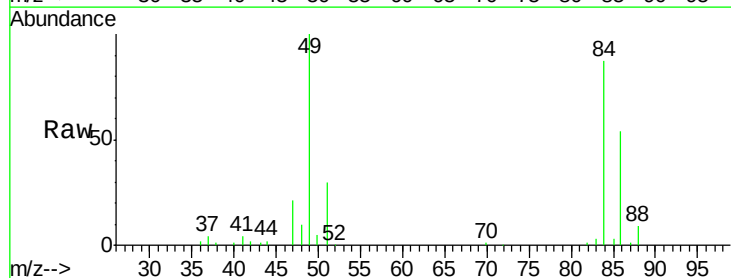
Instrument :
MSVOA_N
ClientSampled :

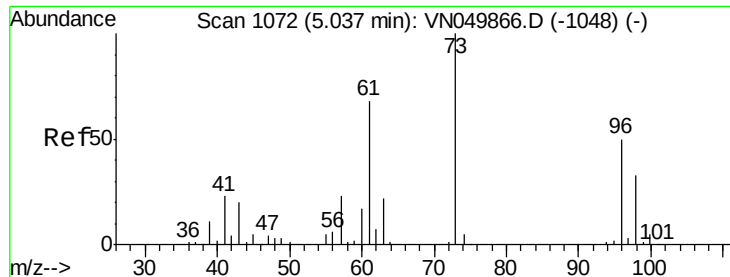
Tot Ion: 73 Resp: 361873
Ion Ratio Lower Upper
73 100
57 21.1 18.1 27.1



#20
Methylene Chloride
Concen: 18.53 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 84 Resp: 146322
Ion Ratio Lower Upper
84 100
49 115.1 95.4 143.2
51 34.3 28.4 42.6
86 62.6 52.6 79.0

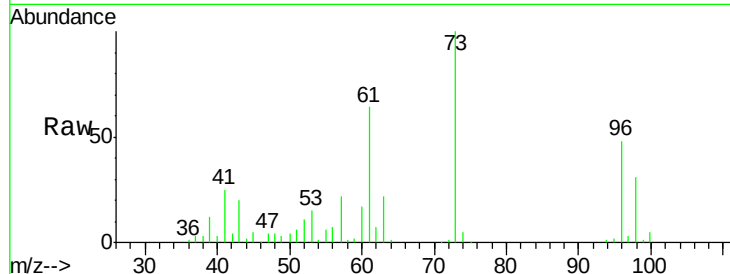




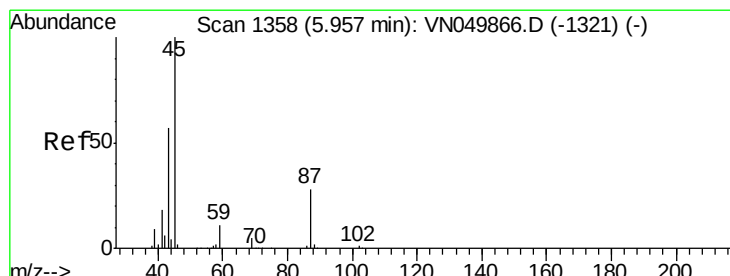
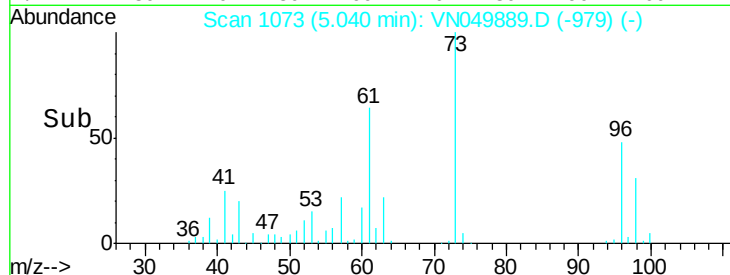
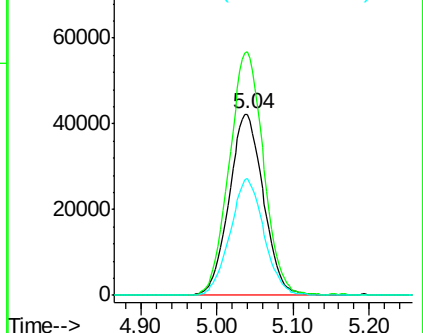
#21
trans-1,2-Dichloroethene
Concen: 19.71 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 132374
Ion Ratio Lower Upper
96 100
61 134.4 109.0 163.6
98 64.4 51.1 76.7

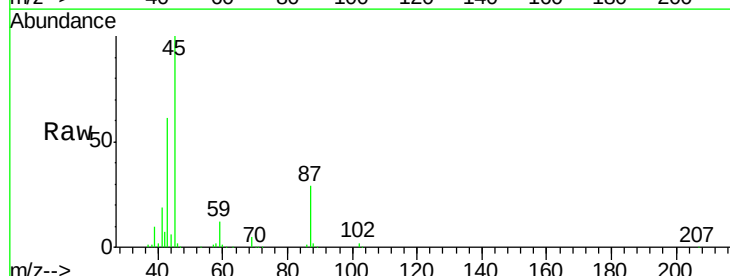


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

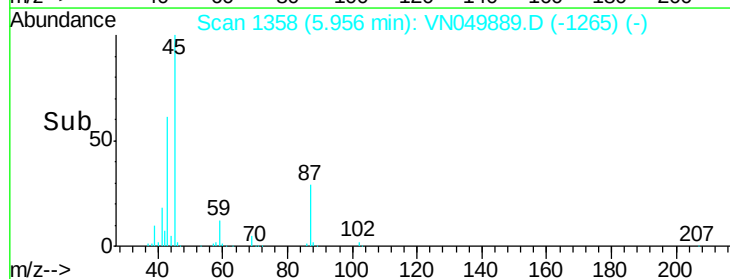
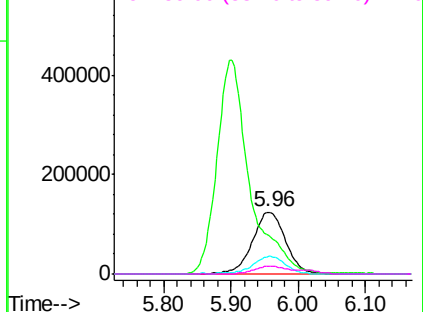


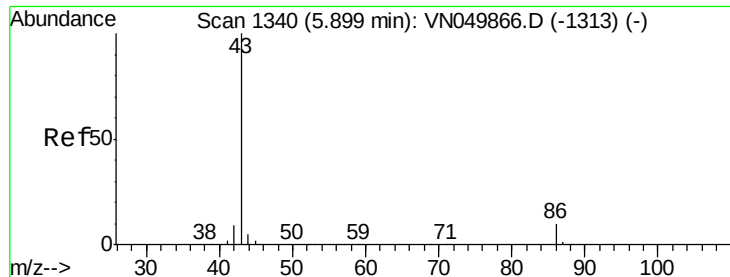
#22
Diisopropyl ether
Concen: 20.97 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 45 Resp: 426632
Ion Ratio Lower Upper
45 100
43 60.1 48.1 72.1
87 28.5 22.6 34.0
59 12.1 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

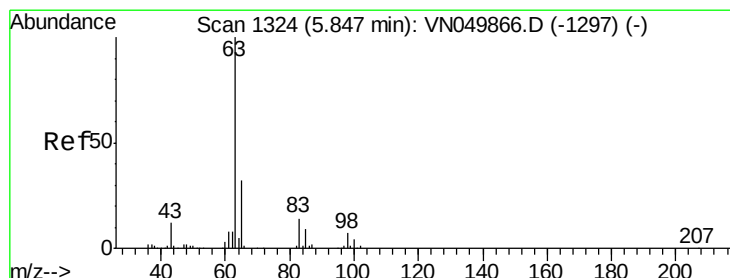
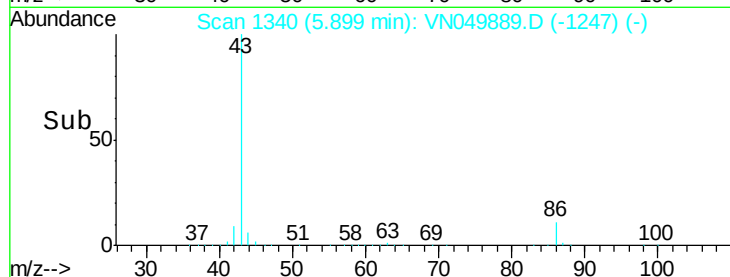
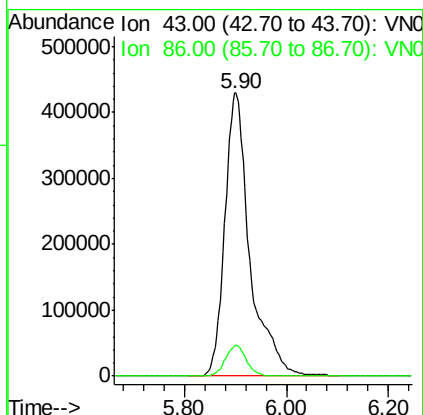
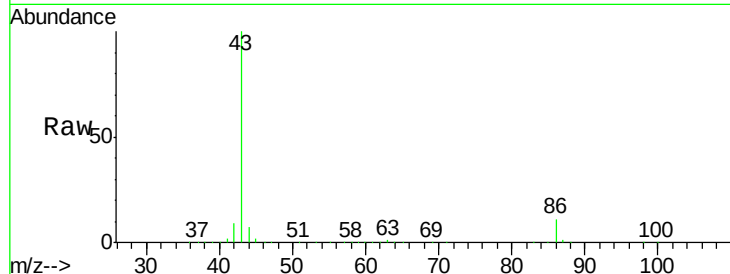




#23
 Vinyl Acetate
 Concen: 102.91 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

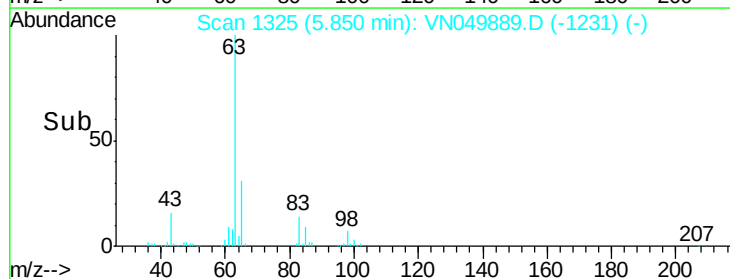
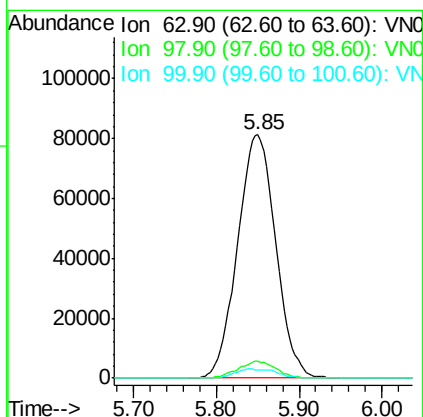
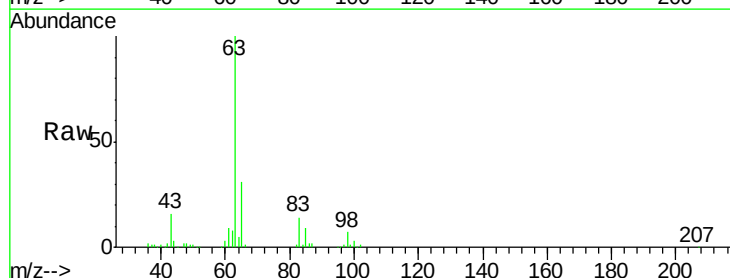
Instrument :
 MSVOA_N
 ClientSampleId :

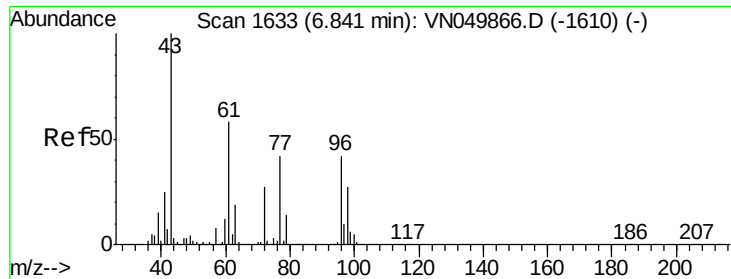
Tot Ion: 43 Resp: 1469223
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.89 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 63 Resp: 259791
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 3.2 2.2 6.6

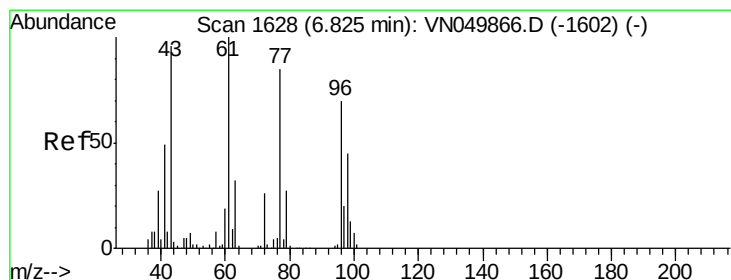
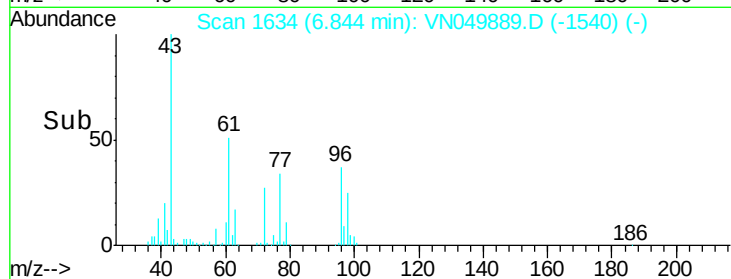
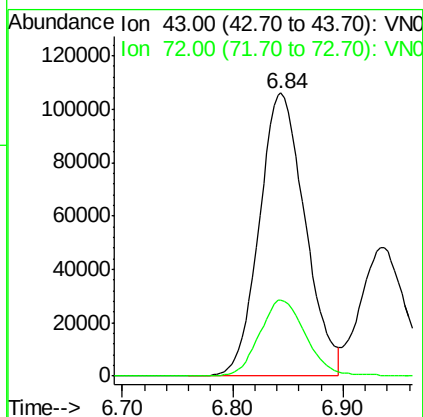
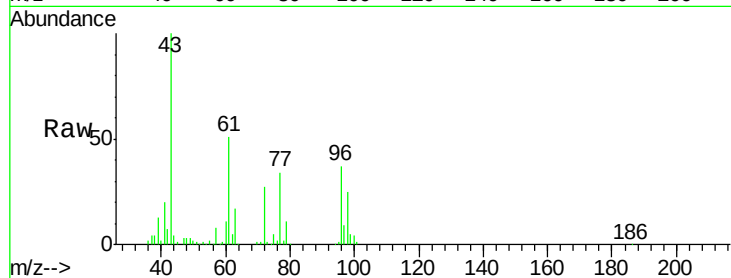




#25
2-Butanone
Concen: 102.20 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

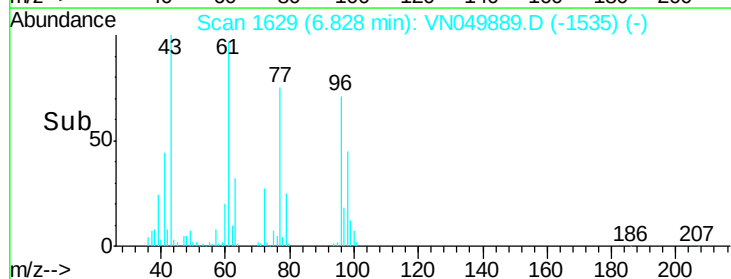
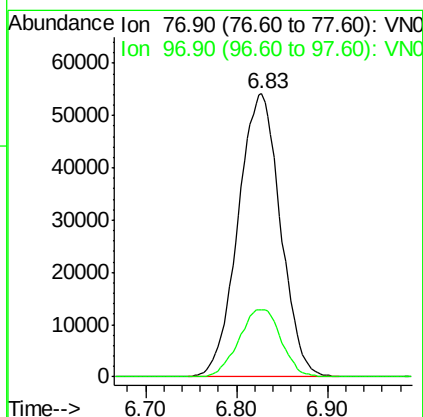
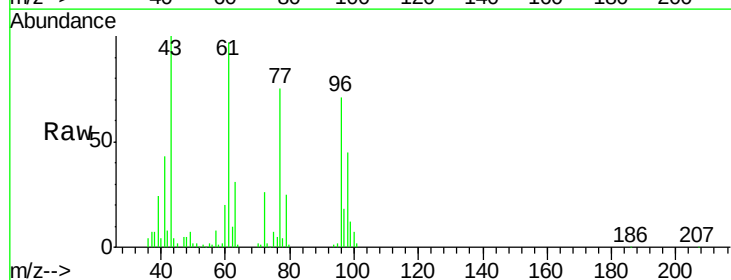
Instrument :
MSVOA_N
ClientSampled :

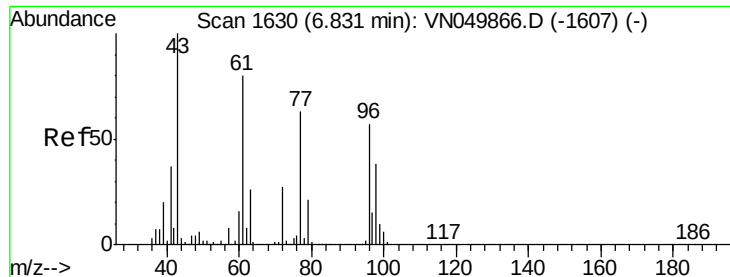
Tot Ion: 43 Resp: 303250
Ion Ratio Lower Upper
43 100
72 26.9 22.1 33.1



#26
2,2-Dichloropropane
Concen: 17.20 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 77 Resp: 174770
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5

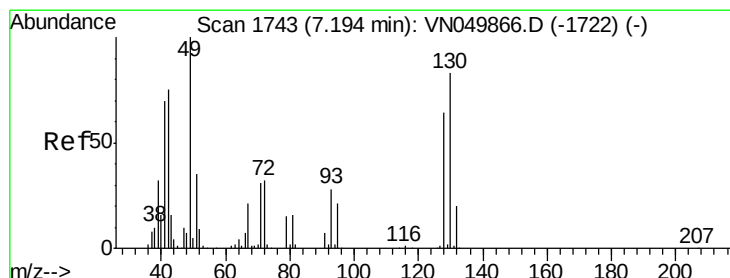
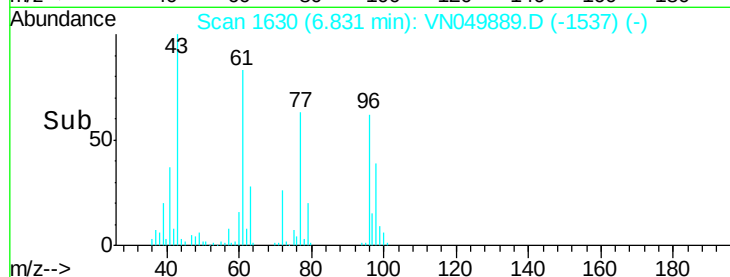
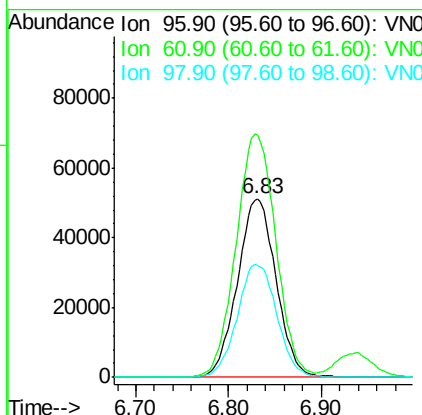
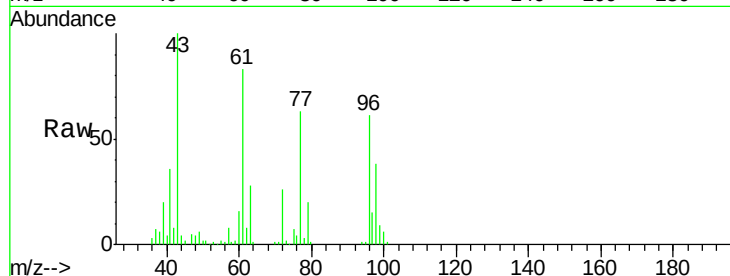




#27
 cis-1,2-Dichloroethene
 Concen: 20.12 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

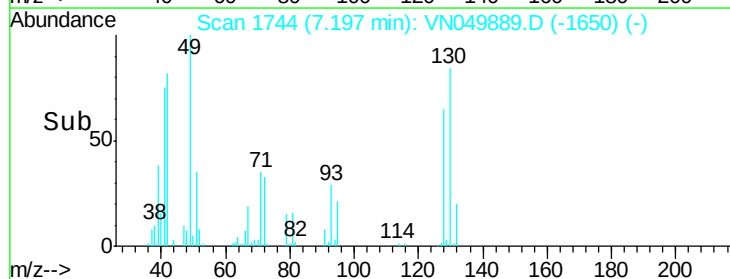
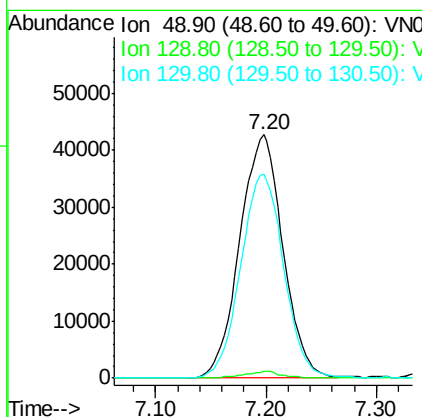
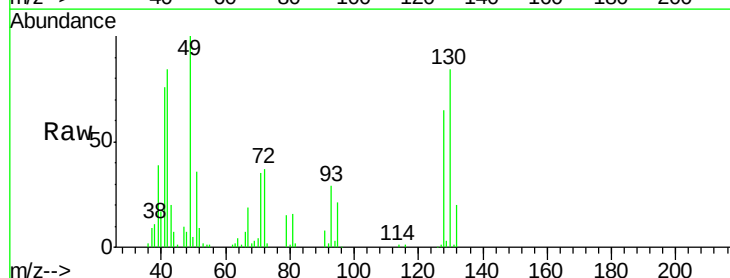
Instrument :
 MSVOA_N
 ClientSampleId :

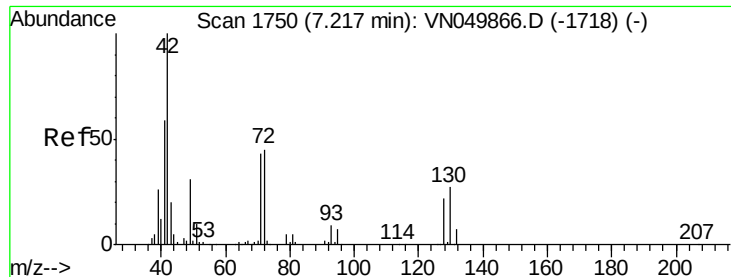
Tot Ion: 96 Resp: 148317
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 289.0
 98 64.9 0.0 130.2



#28
 Bromochloromethane
 Concen: 19.69 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 49 Resp: 116161
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 83.4 65.5 98.3

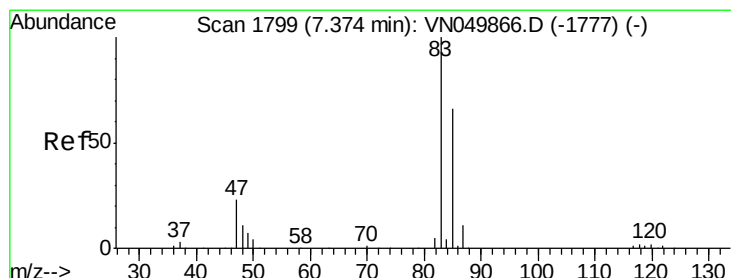
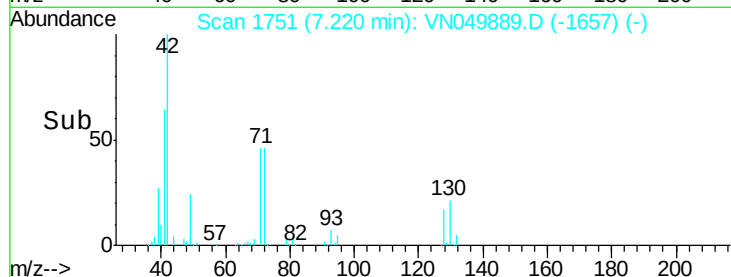
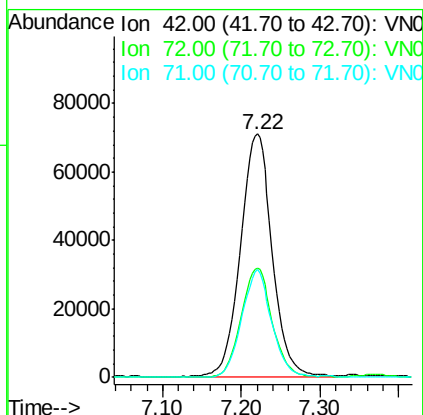
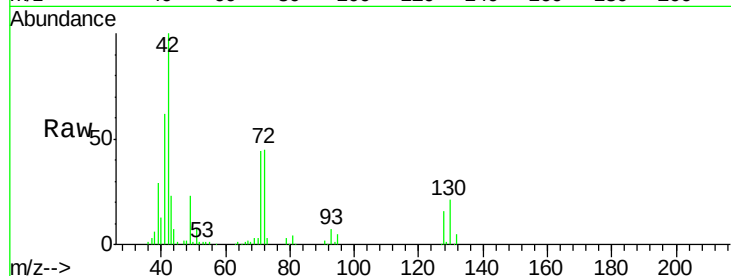




#29
Tetrahydrofuran
Concen: 106.98 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

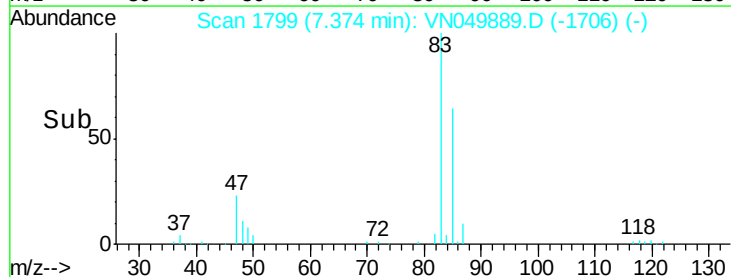
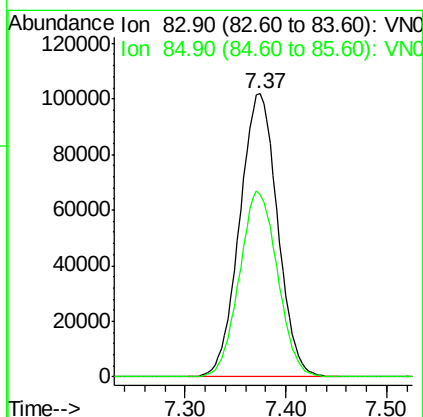
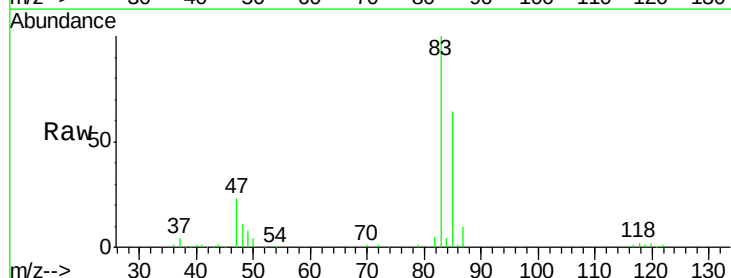
Instrument :
MSVOA_N
ClientSampleId :

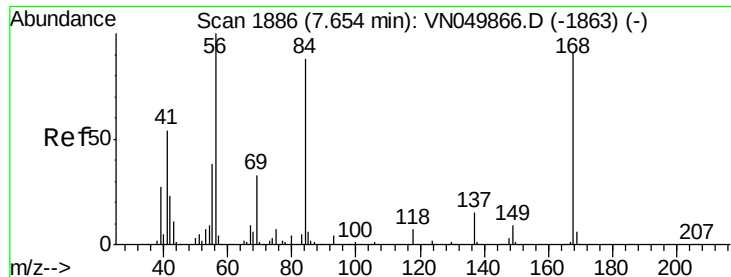
Tot Ion: 42 Resp: 199975
Ion Ratio Lower Upper
42 100
72 44.4 35.6 53.4
71 42.2 34.0 51.0



#30
Chloroform
Concen: 19.80 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 83 Resp: 265556
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.2





#31

Cyclohexane

Concen: 19.38 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampled :

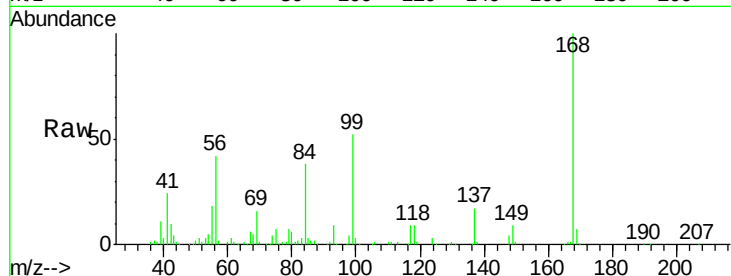
Tot Ion: 56 Resp: 206036

Ion Ratio Lower Upper

56 100

69 36.5 26.6 40.0

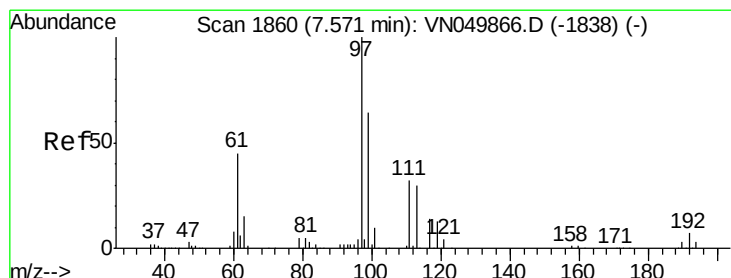
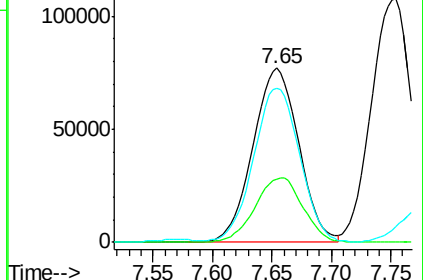
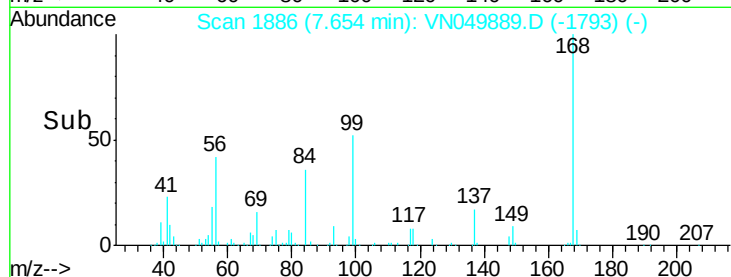
84 87.3 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN049889.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049889.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049889.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 19.45 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

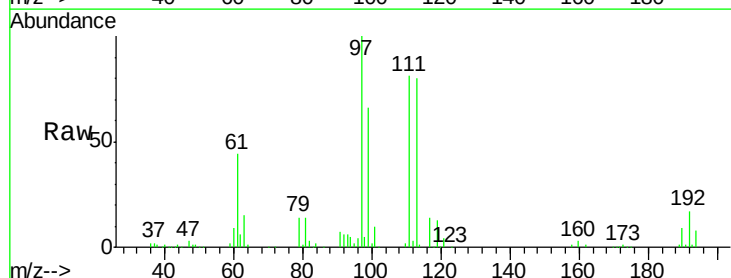
Tgt Ion: 97 Resp: 225427

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

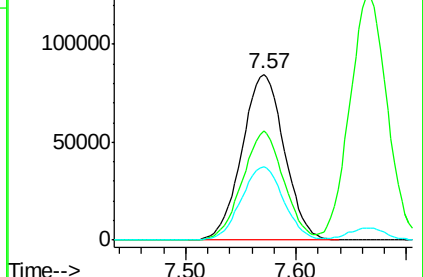
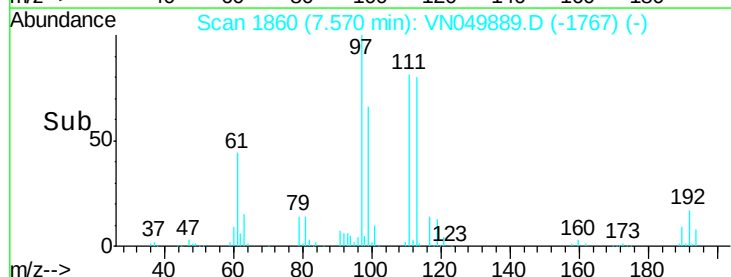
61 44.4 35.5 53.3

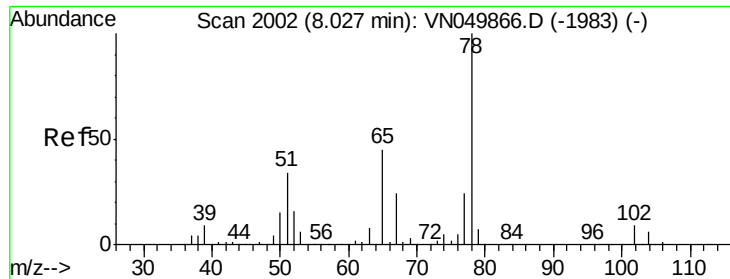


Abundance Ion 96.90 (96.60 to 97.60): VN049889.D (-1767) (-)

Ion 98.90 (98.60 to 99.60): VN049889.D (-1767) (-)

Ion 60.90 (60.60 to 61.60): VN049889.D (-1767) (-)

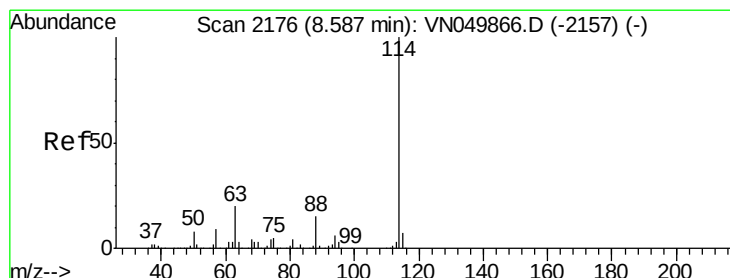
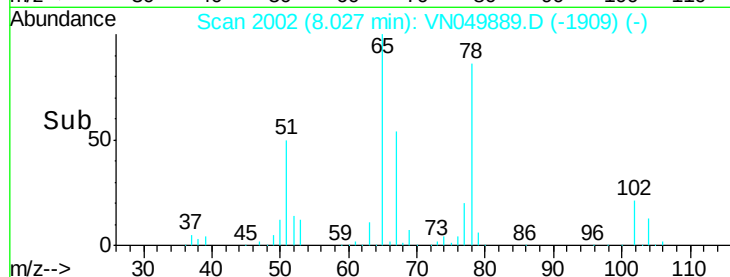
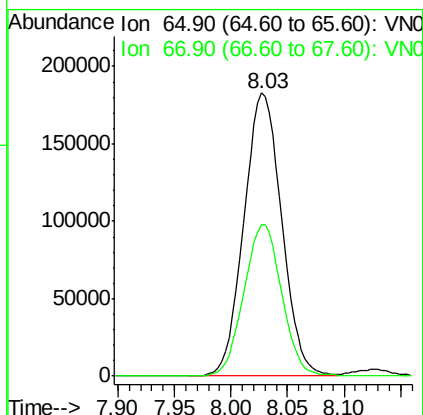
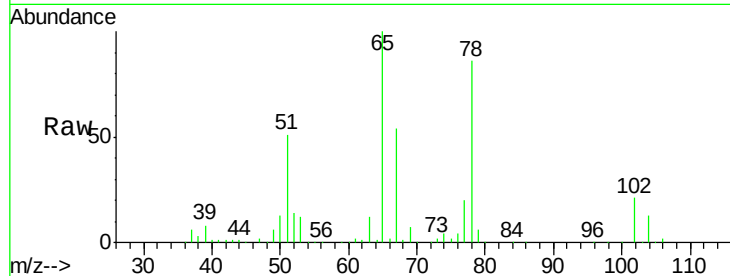




#33
 1,2-Dichloroethane-d4
 Concen: 53.05 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

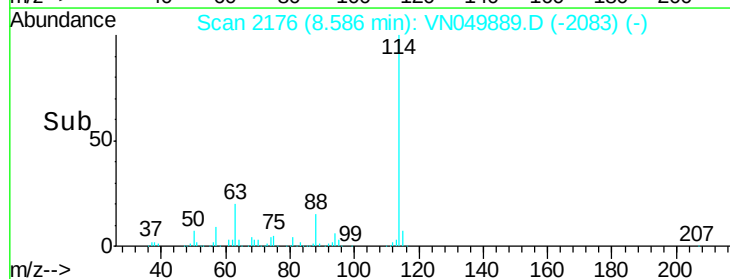
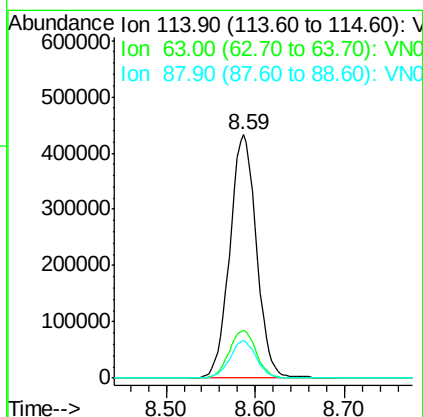
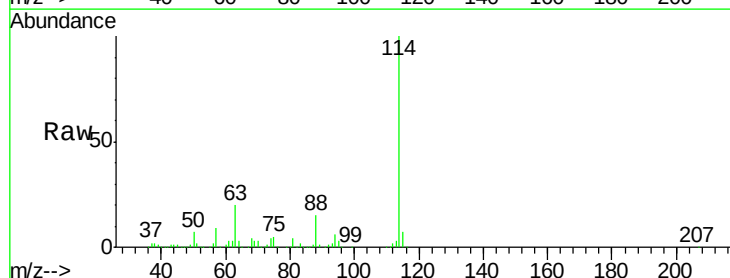
Instrument :
 MSVOA_N
 ClientSampleId :

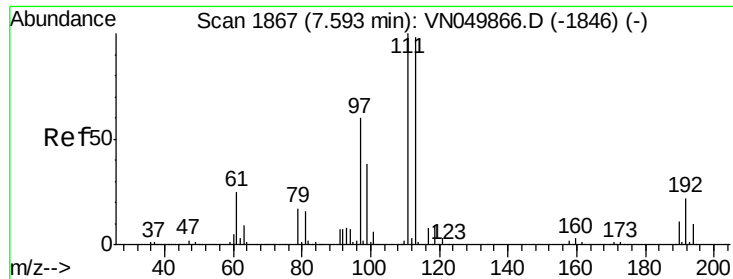
Tot Ion: 65 Resp: 425406
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 114 Resp: 893812
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.3 0.0 30.6

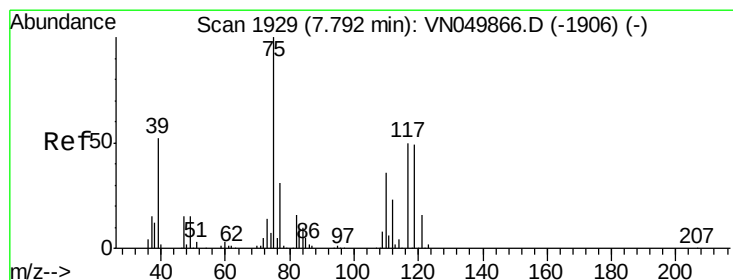
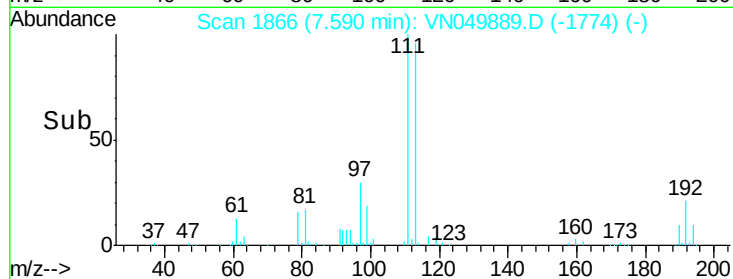
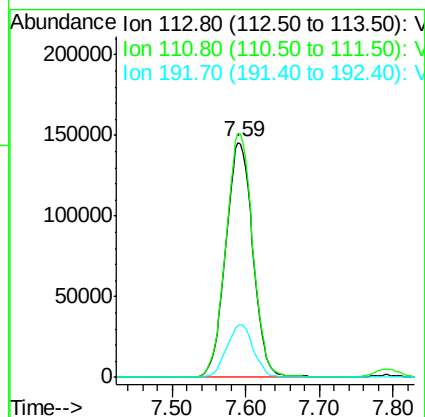
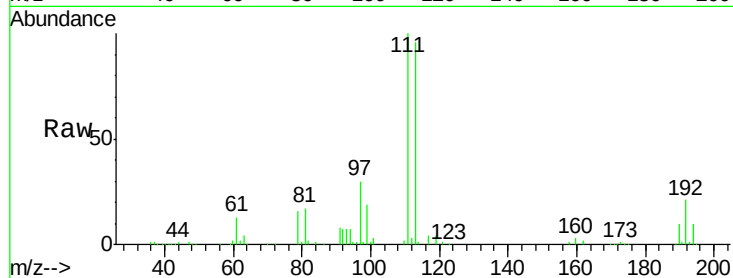




#35
 Dibromofluoromethane
 Concen: 49.60 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

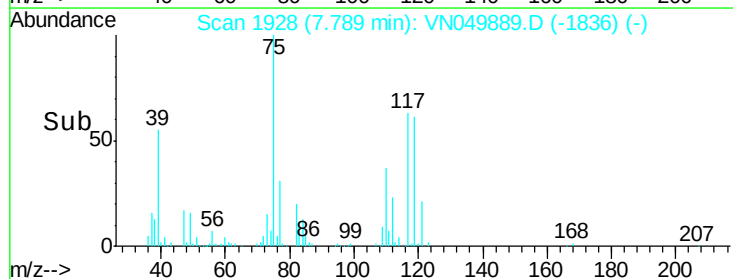
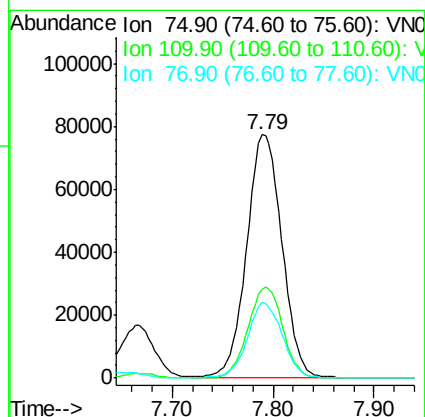
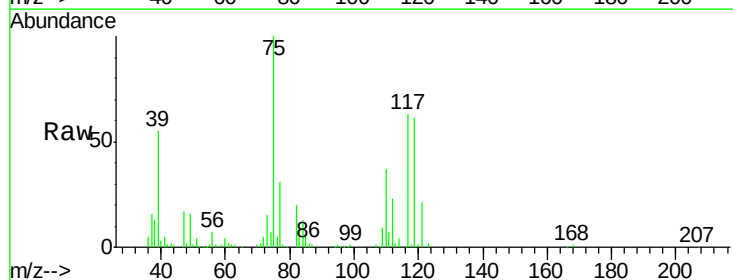
Instrument :
 MSVOA_N
 ClientSampleId :

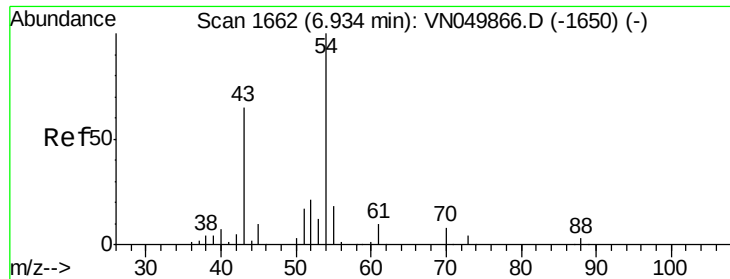
Tot Ion:113 Resp: 372216
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 18.75 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 75 Resp: 186313
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.1 54.4
 77 31.2 24.9 37.3

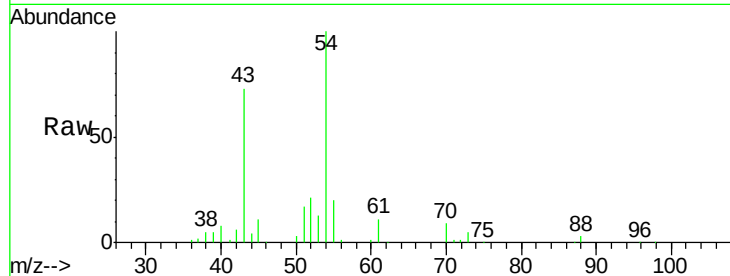




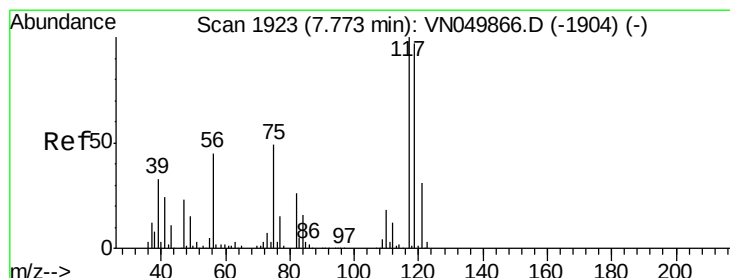
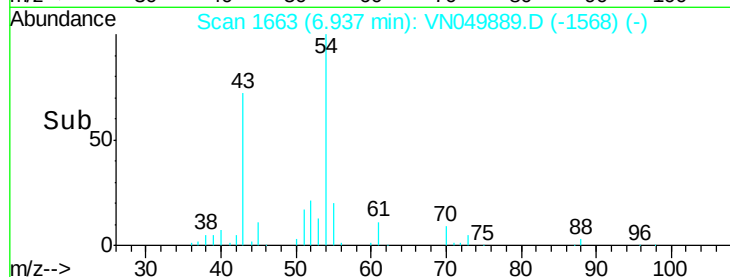
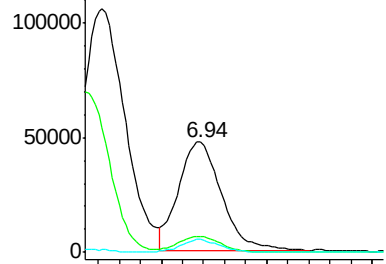
#37
Ethyl Acetate
Concen: 19.78 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 135012
Ion Ratio Lower Upper
43 100
61 14.3 11.7 17.5
70 10.7 8.4 12.6

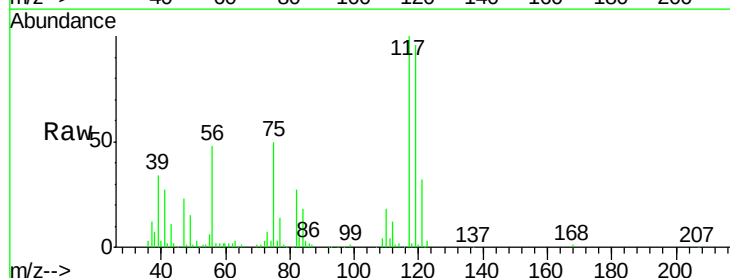


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

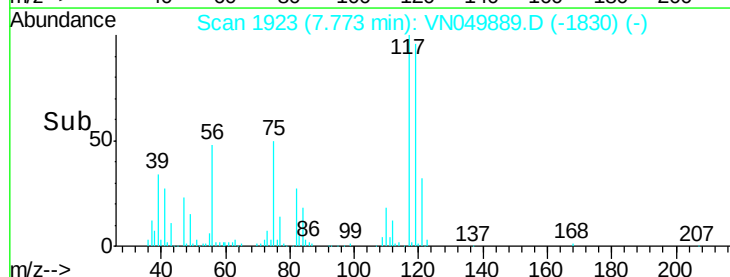
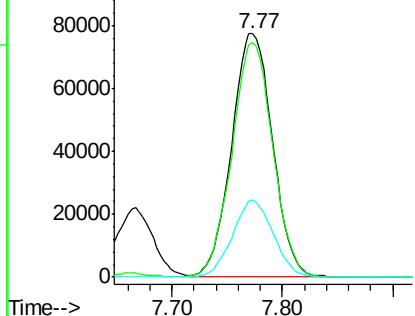


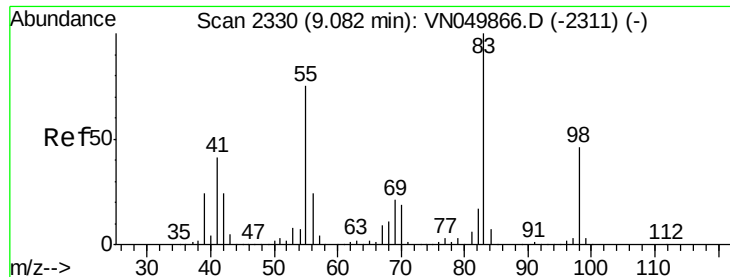
#38
Carbon Tetrachloride
Concen: 18.71 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 117 Resp: 199176
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 31.6 25.0 37.6



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

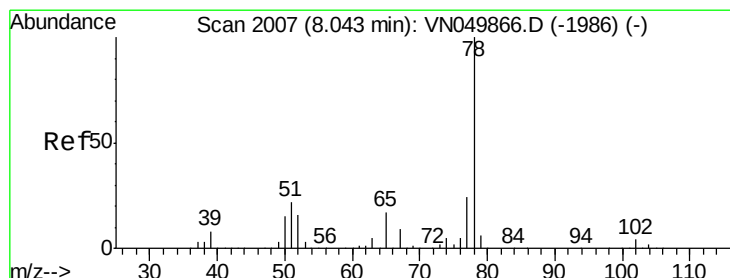
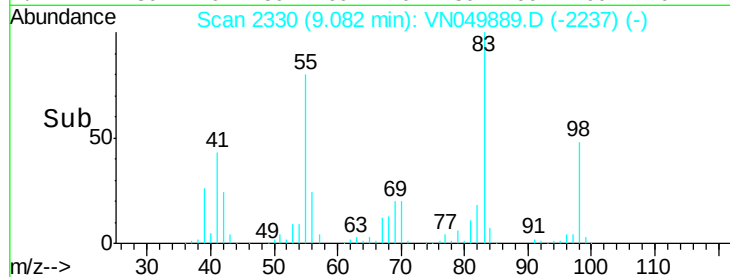
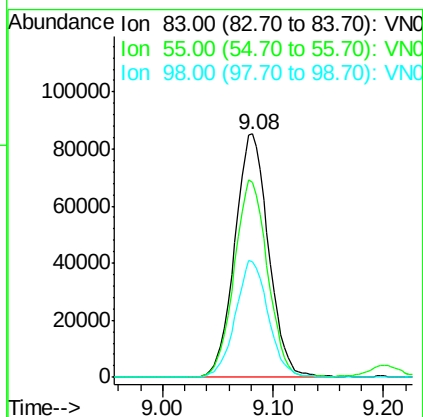
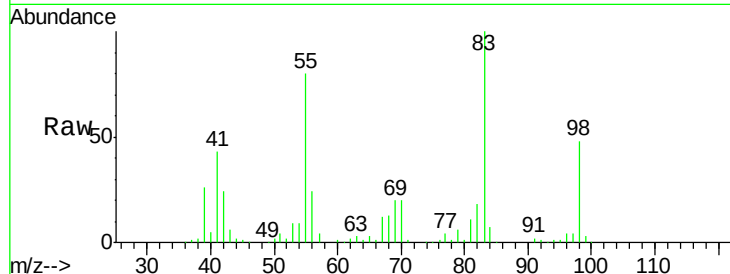




#39
Methylvlcyclohexane
Concen: 17.62 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

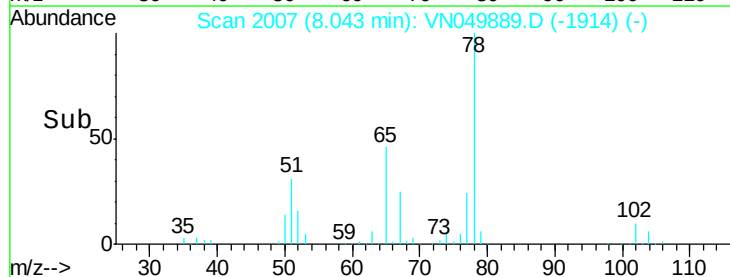
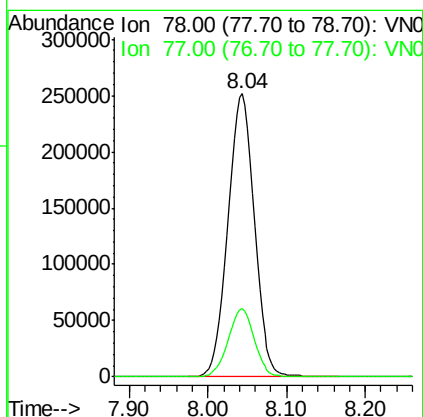
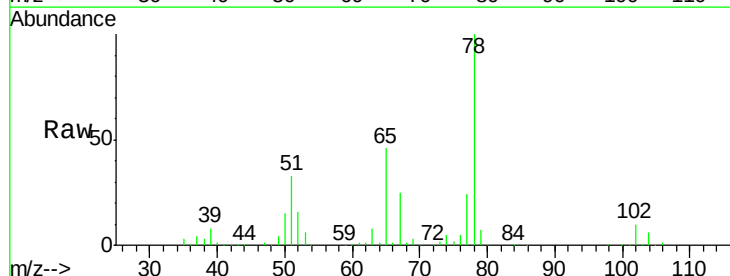
Instrument :
MSVOA_N
ClientSampled :

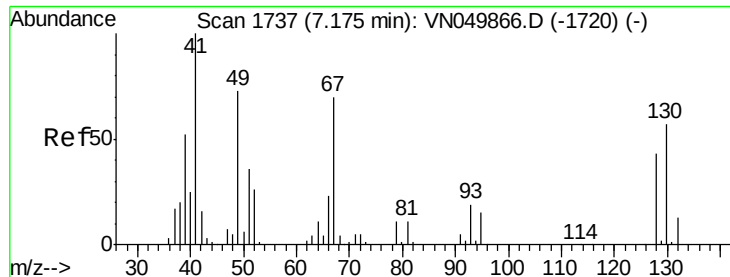
Tot Ion: 83 Resp: 180895
Ion Ratio Lower Upper
83 100
55 80.2 59.7 89.5
98 47.7 36.5 54.7



#40
Benzene
Concen: 19.37 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 78 Resp: 586820
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

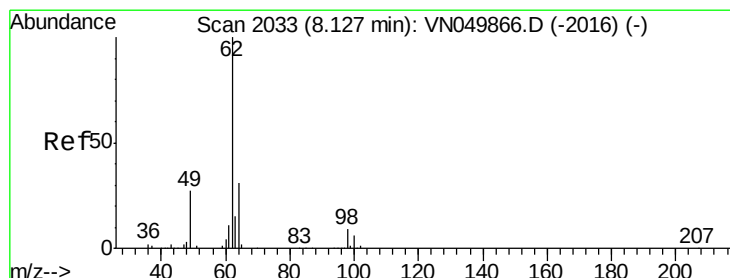
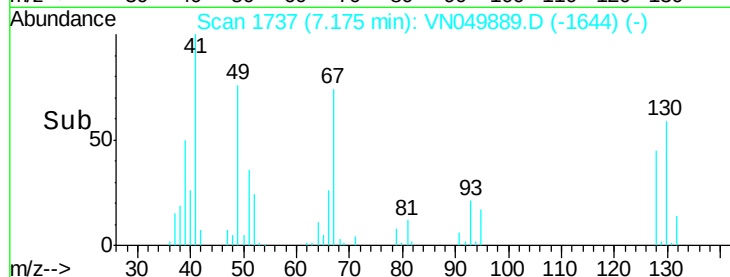
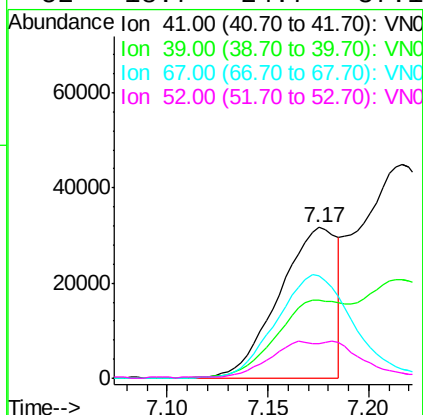
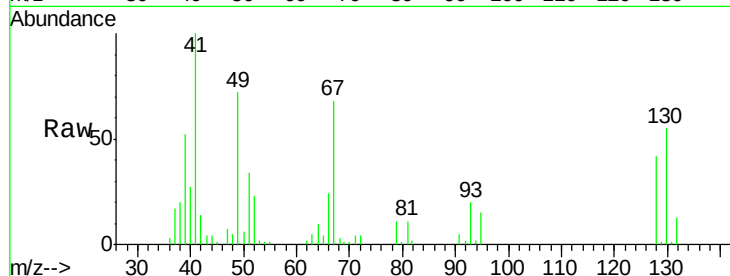




#41
Methacrylonitrile
Concen: 18.52 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

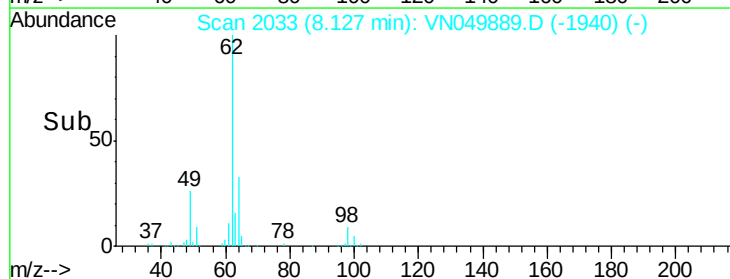
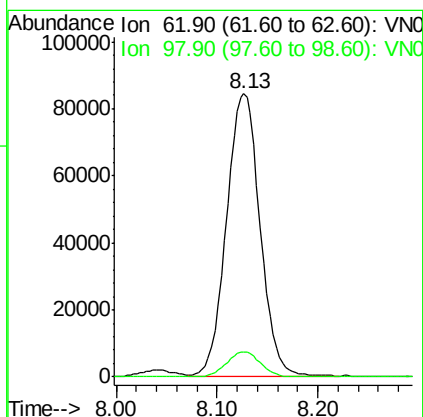
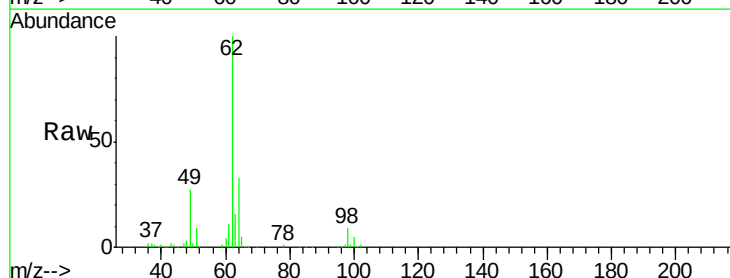
Instrument :
MSVOA_N
ClientSampleId :

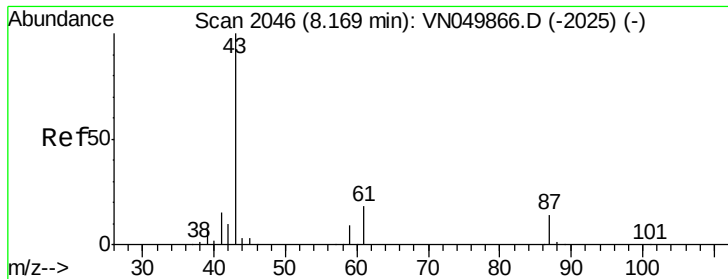
Tot Ion: 41 Resp: 63351
Ion Ratio Lower Upper
41 100
39 63.7 45.4 68.2
67 91.9 65.4 98.0
52 18.7 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 19.43 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 62 Resp: 194885
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.0





#43

Isopropyl Acetate

Concen: 21.52 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

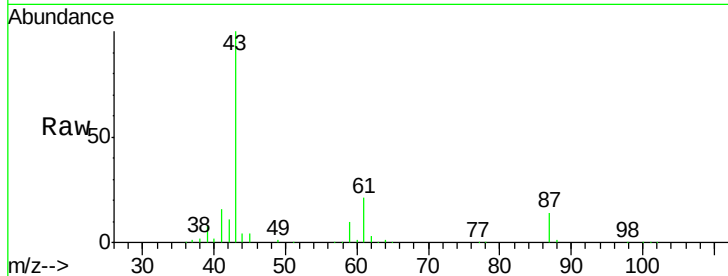
Tot Ion: 43 Resp: 256620

Ion Ratio Lower Upper

43 100

61 18.4 14.9 22.3

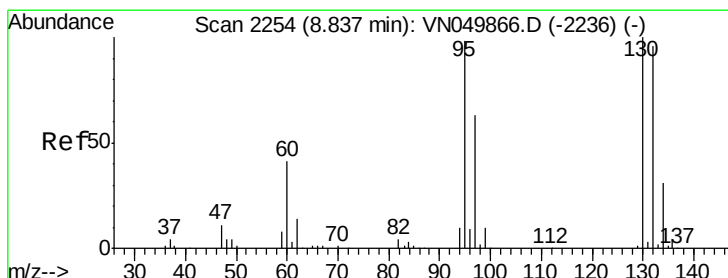
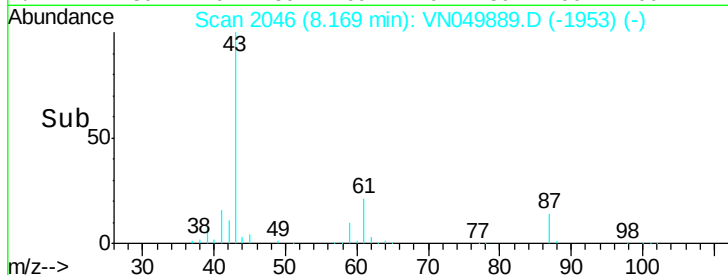
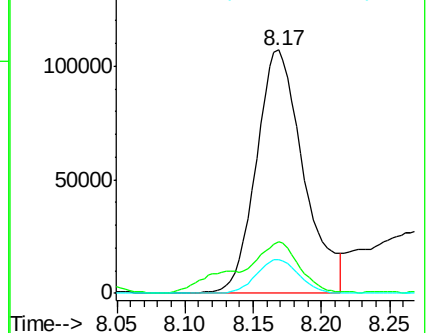
87 12.6 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN049866.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-2025) (-)



#44

Trichloroethene

Concen: 18.99 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049889.D

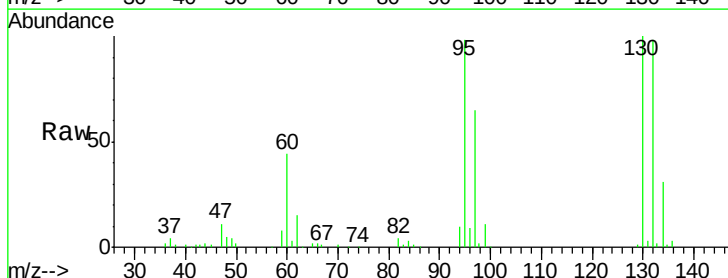
Acq: 18 Jul 2018 23:15

Tgt Ion:130 Resp: 150794

Ion Ratio Lower Upper

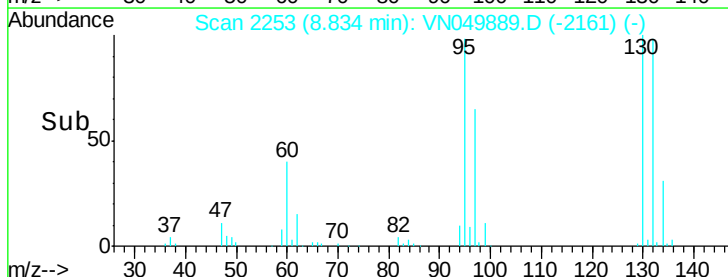
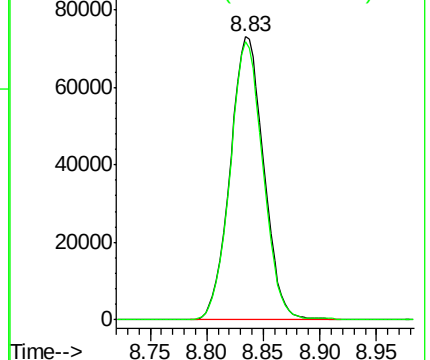
130 100

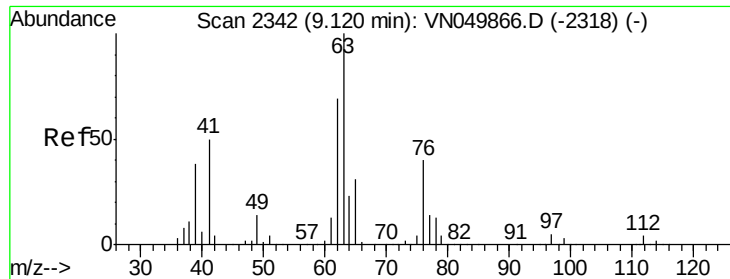
95 98.4 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049866.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049866.D (-2236) (-)

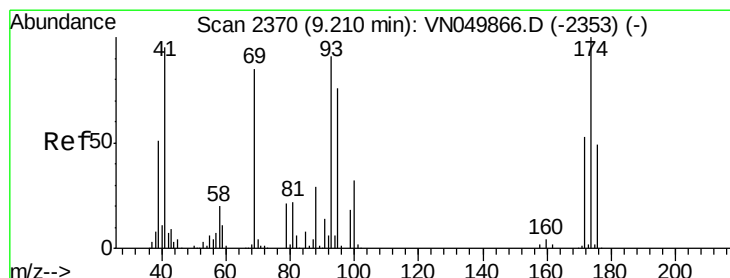
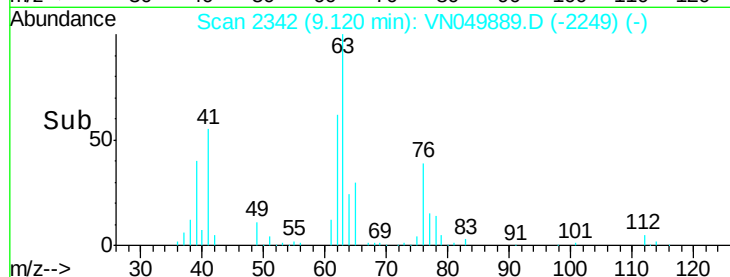
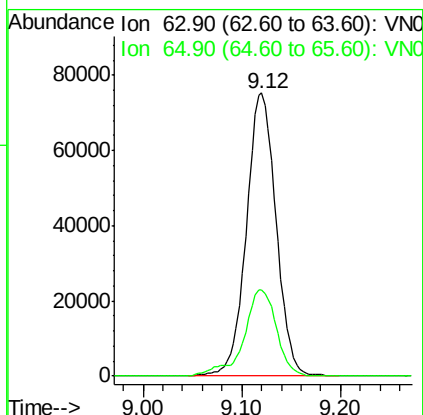
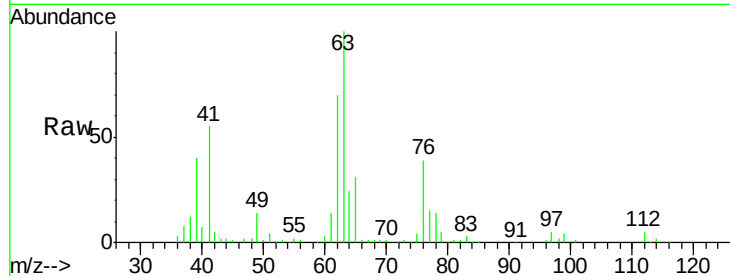




#45
 1,2-Dichloropropane
 Concen: 19.14 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

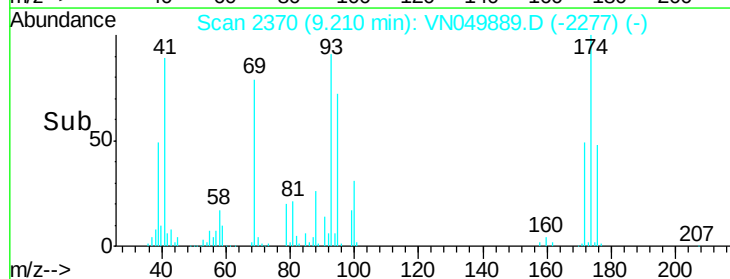
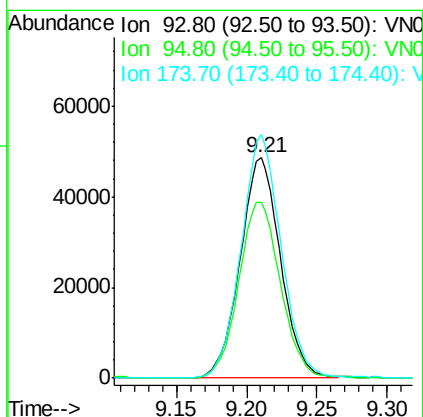
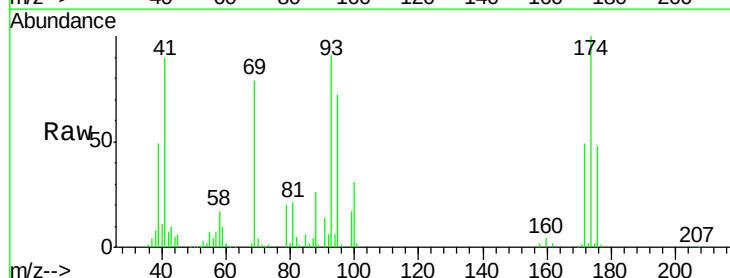
Instrument :
 MSVOA_N
 ClientSampled :

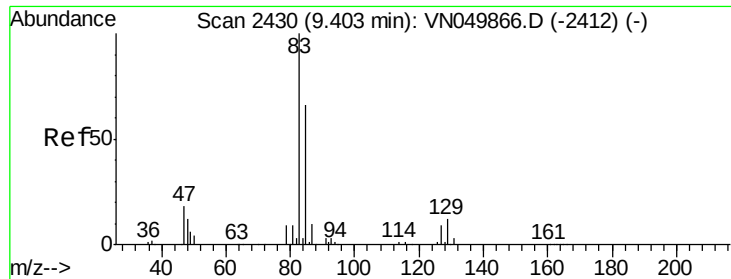
Tot Ion: 63 Resp: 156418
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 19.26 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 93 Resp: 97609
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.9 101.9
 174 109.5 89.4 134.0

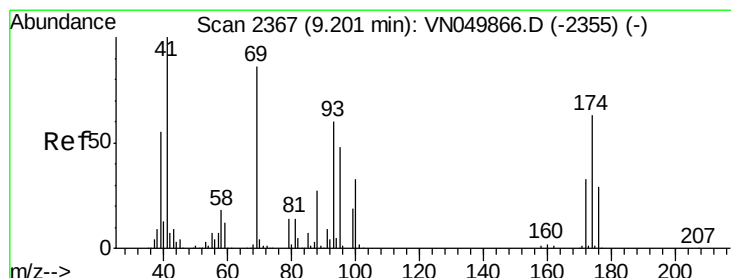
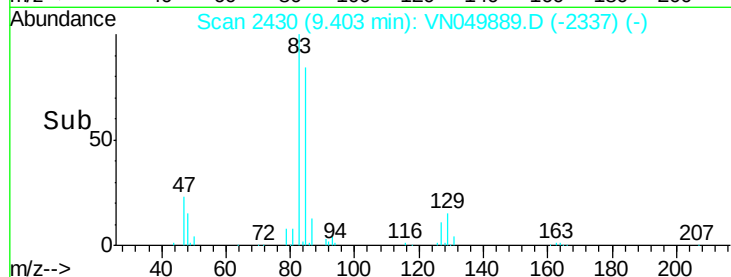
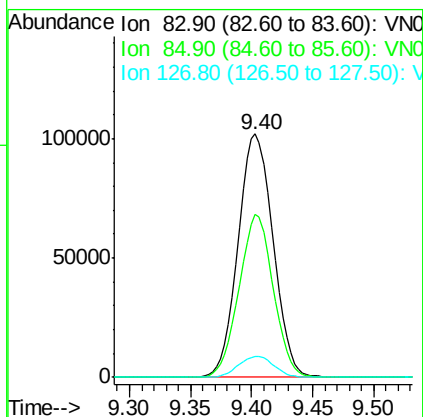
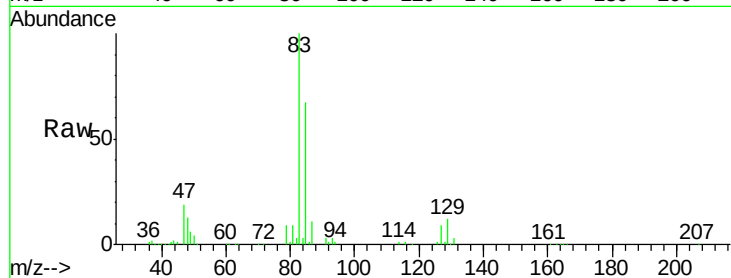




#47
Bromodichloromethane
Concen: 19.30 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

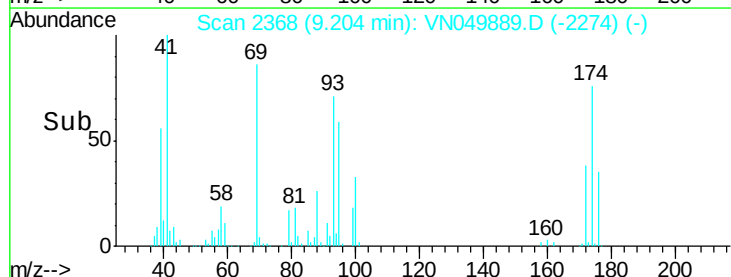
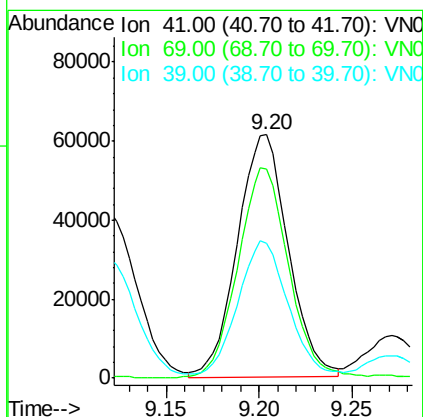
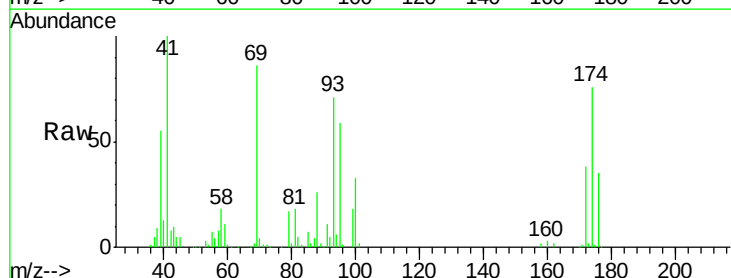
Instrument :
MSVOA_N
ClientSampleId :

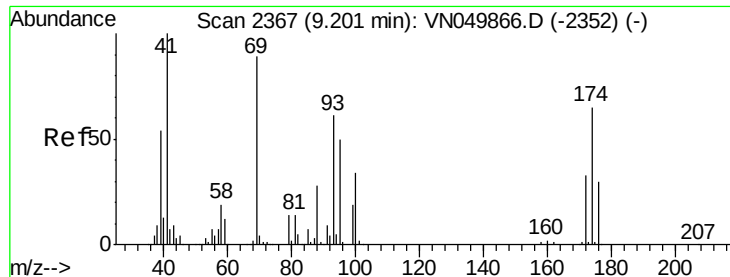
Tot Ion: 83 Resp: 202227
Ion Ratio Lower Upper
83 100
85 66.9 50.5 75.7
127 8.7 6.8 10.2



#48
Methyl methacrylate
Concen: 19.62 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 41 Resp: 117342
Ion Ratio Lower Upper
41 100
69 86.2 71.5 107.3
39 56.3 44.7 67.1





#49

1,4-Dioxane

Concen: 399.45 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampled :

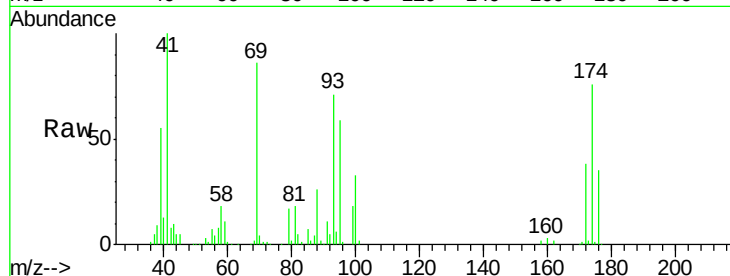
Tot Ion: 88 Resp: 33890

Ion Ratio Lower Upper

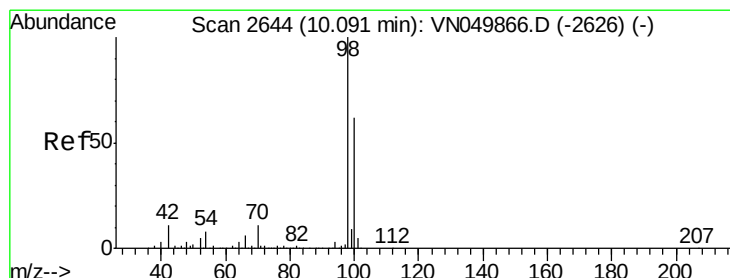
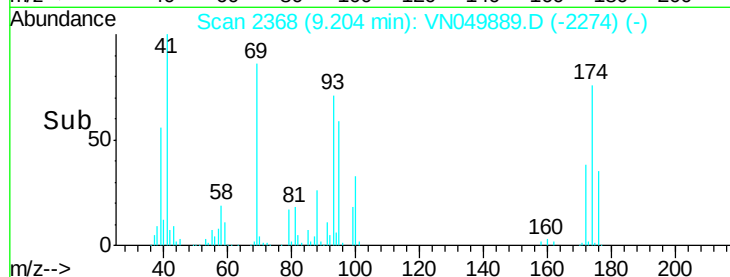
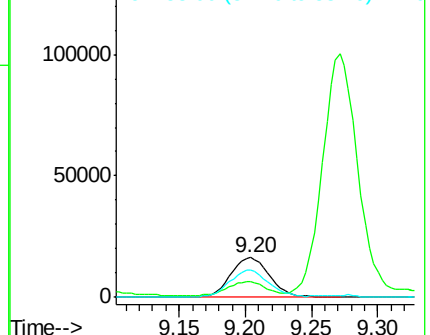
88 100

43 33.8 25.1 37.7

58 68.7 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.79 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049889.D

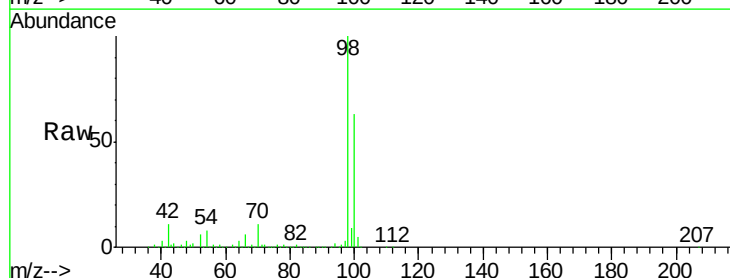
Acq: 18 Jul 2018 23:15

Tgt Ion: 98 Resp: 1361231

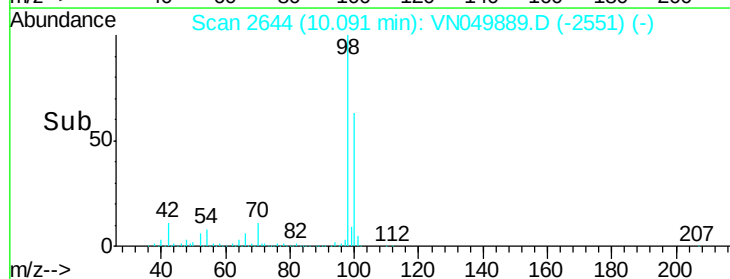
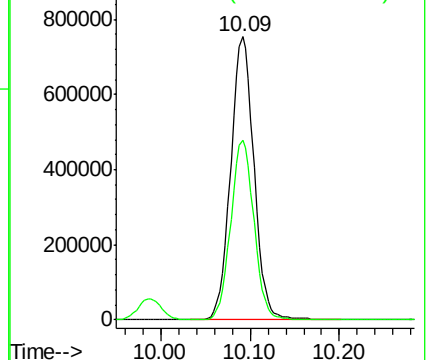
Ion Ratio Lower Upper

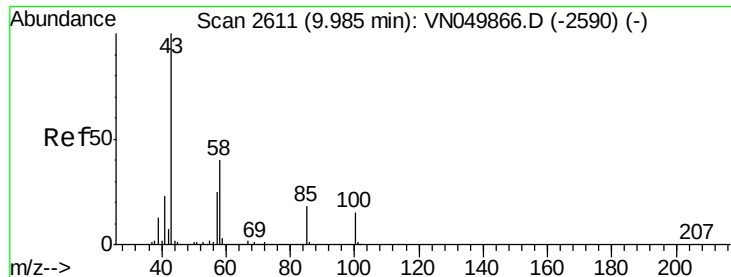
98 100

100 63.7 51.7 77.5



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

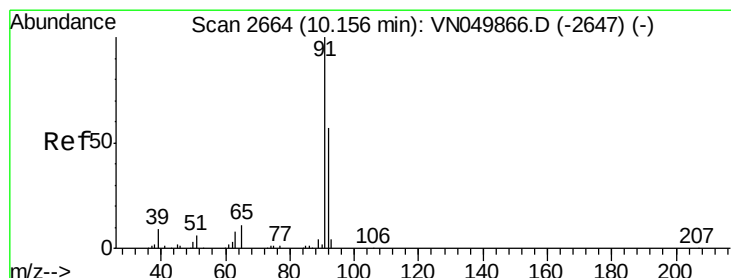
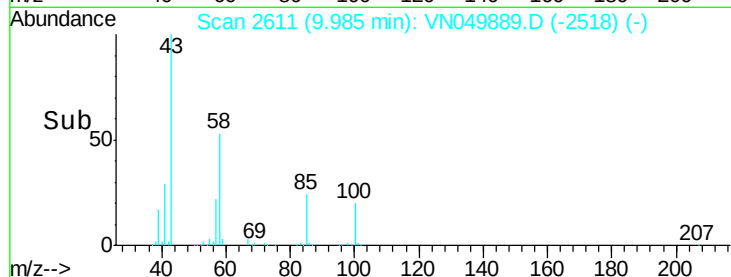
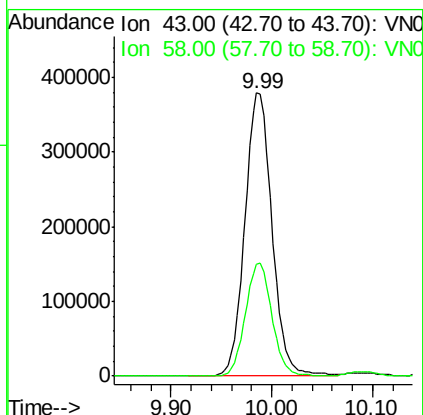
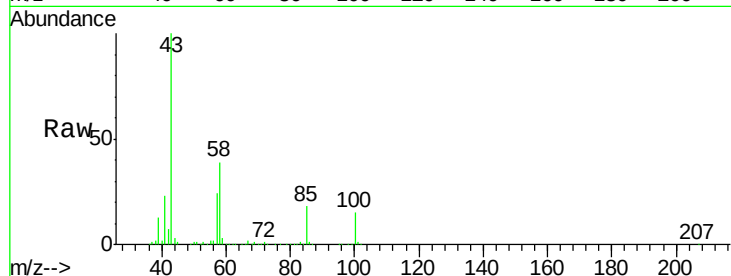




#51
 4-Methyl-2-Pentanone
 Concen: 104.95 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

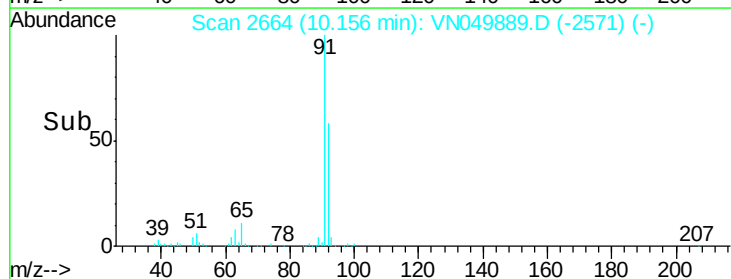
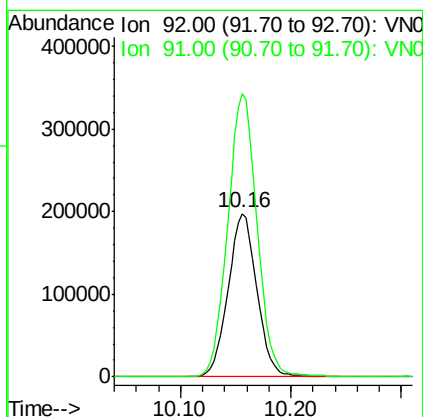
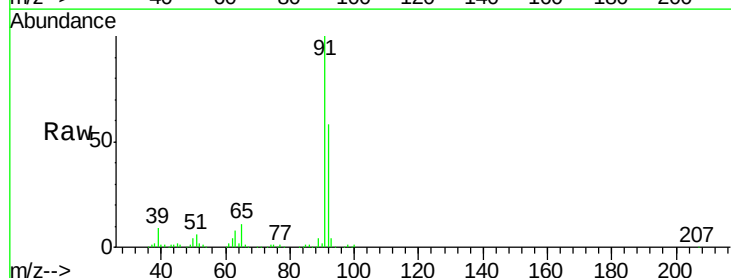
Instrument :
 MSVOA_N
 ClientSampled :

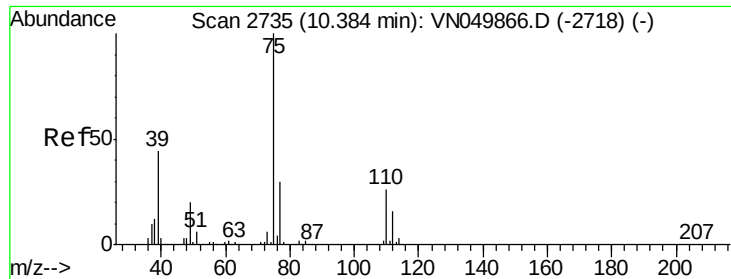
Tot Ion: 43 Resp: 699444
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.8



#52
 Toluene
 Concen: 19.84 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion: 92 Resp: 358415
 Ion Ratio Lower Upper
 92 100
 91 176.1 140.1 210.1

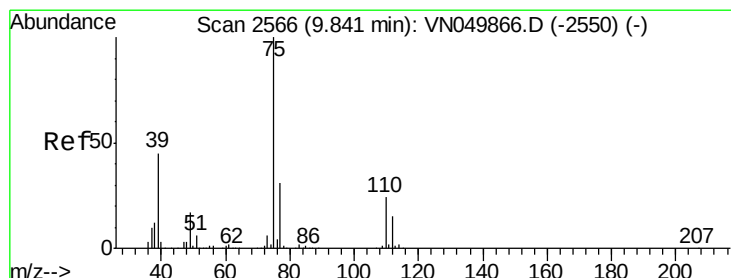
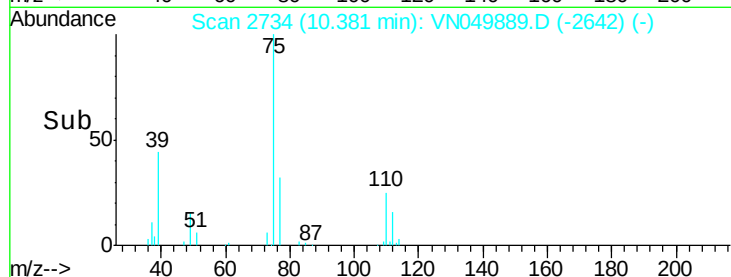
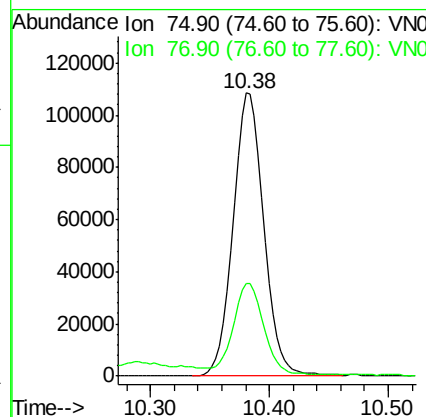
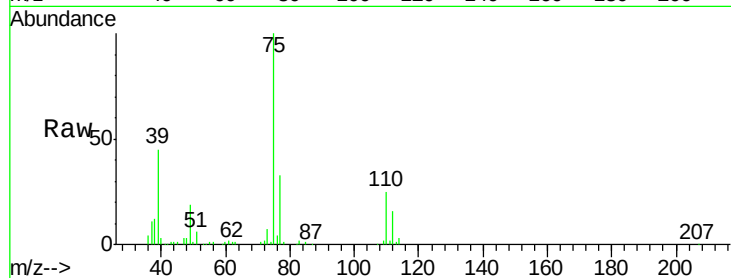




#53
t-1,3-Dichloropropene
Concen: 18.71 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

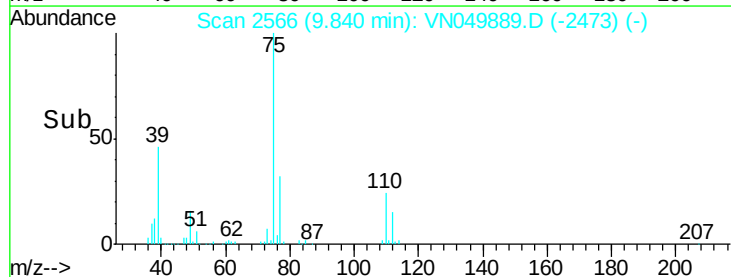
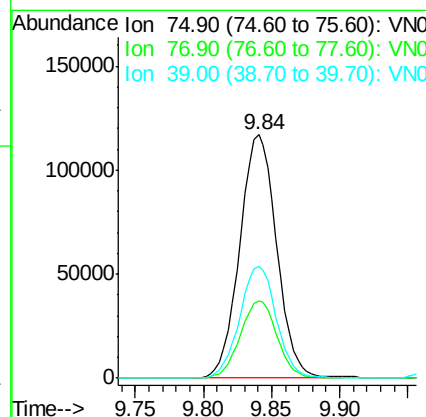
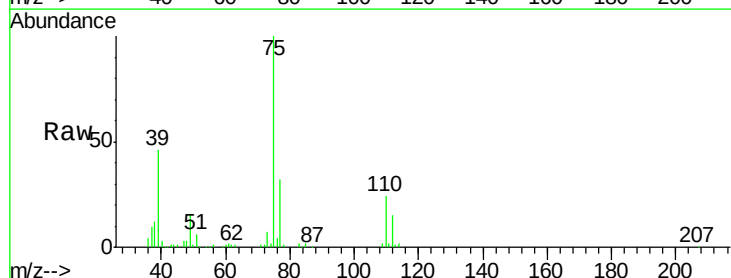
Instrument :
MSVOA_N
ClientSampleId :

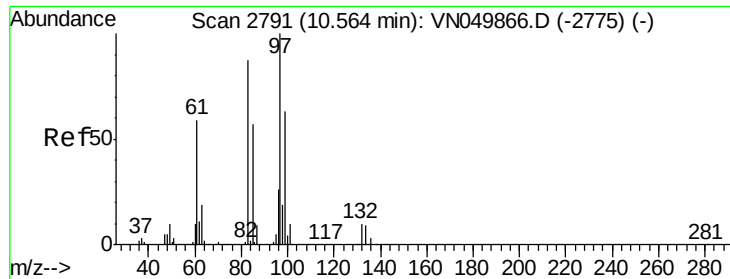
Tot Ion: 75 Resp: 193881
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.14 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 75 Resp: 219261
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 45.6 35.5 53.3

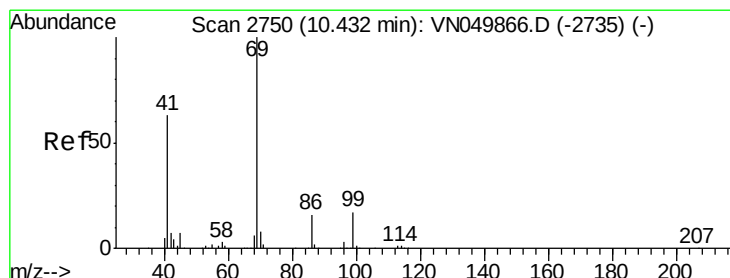
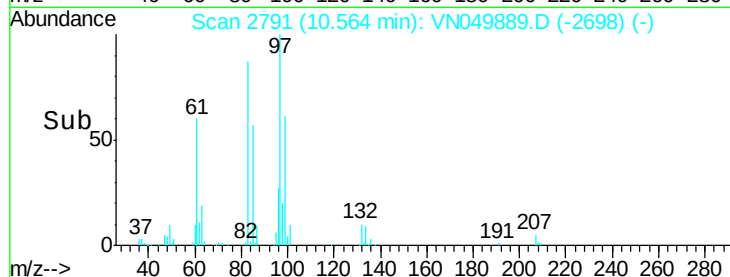
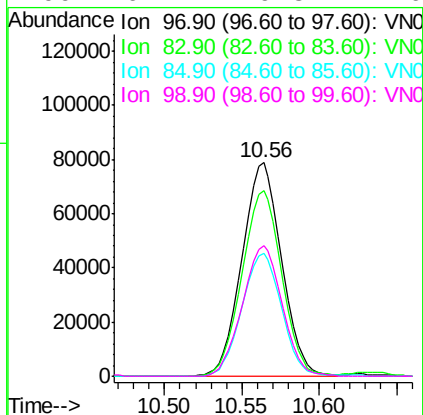
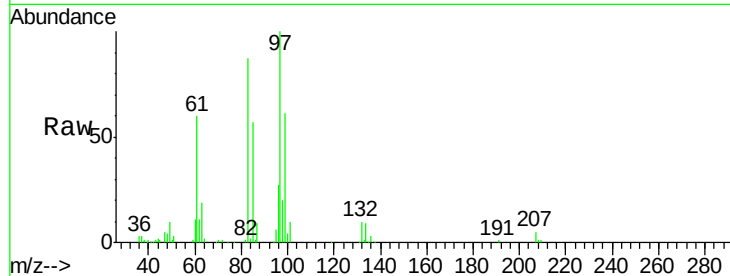




#55
 1,1,2-Trichloroethane
 Concen: 18.84 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

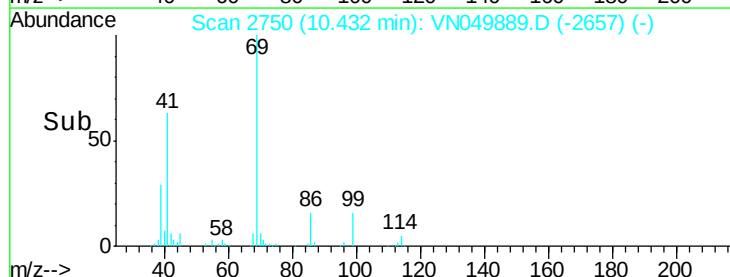
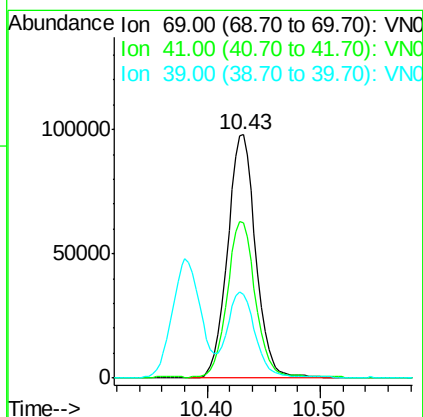
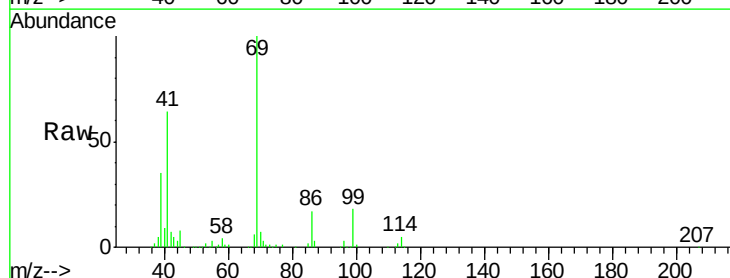
Instrument :
 MSVOA_N
 ClientSampled :

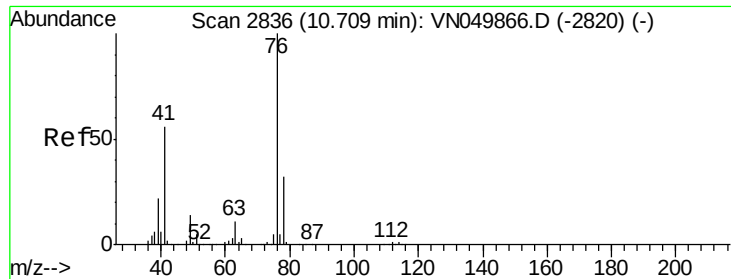
Tot Ion:	97	Resp:	140616
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.0	103.6
85	57.3	44.9	67.3
99	61.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.35 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion:	69	Resp:	169663
Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.6	77.4
39	35.6	25.8	38.8





#57

1,3-Dichloropropane

Concen: 19.31 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

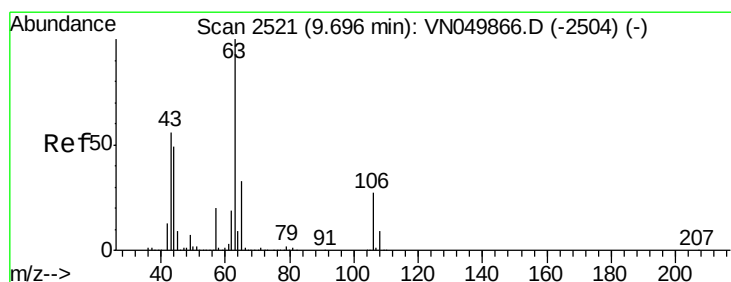
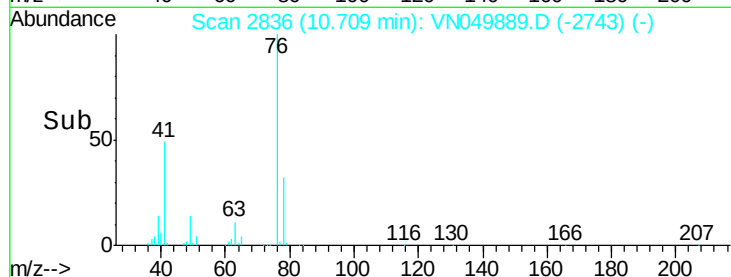
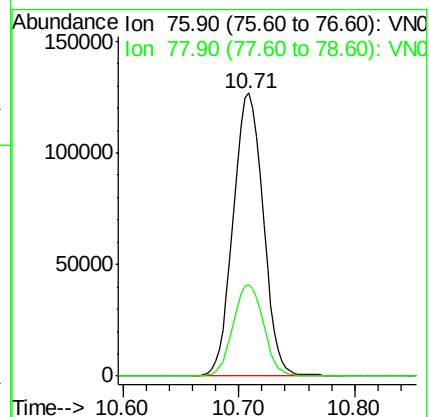
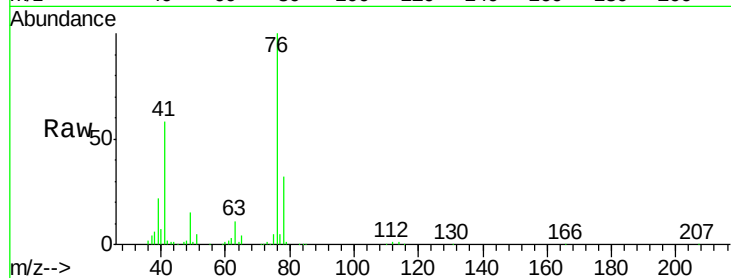
ClientSampled :

Tot Ion: 76 Resp: 226991

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.59 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049889.D

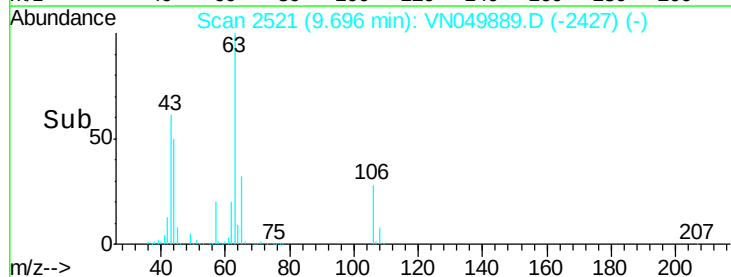
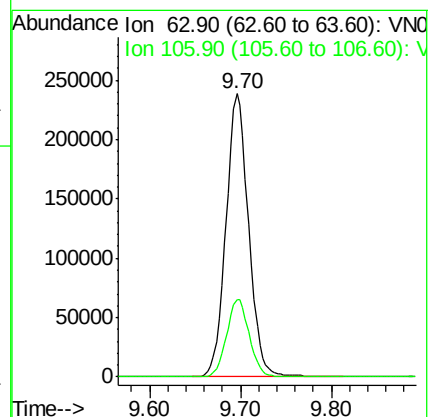
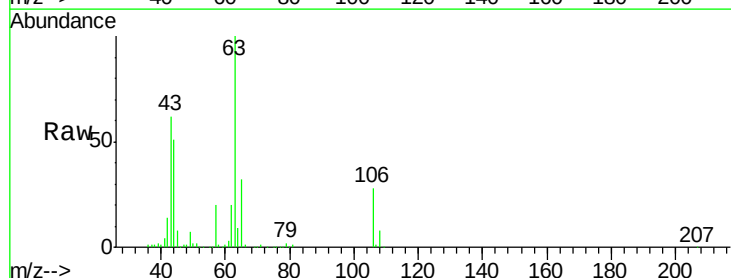
Acq: 18 Jul 2018 23:15

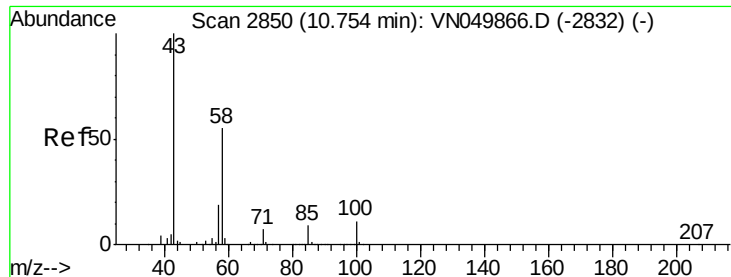
Tgt Ion: 63 Resp: 411895

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8

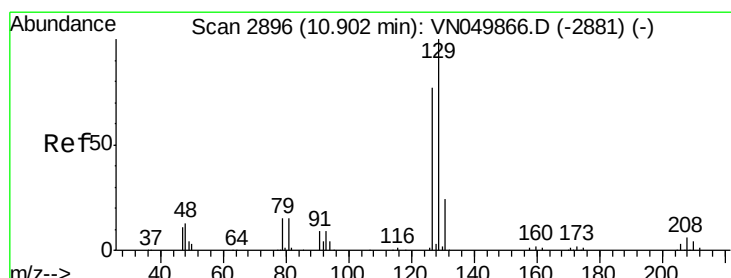
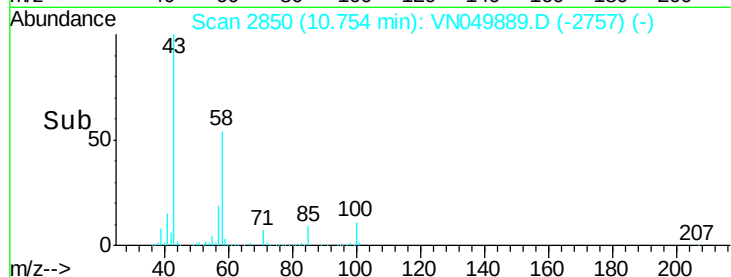
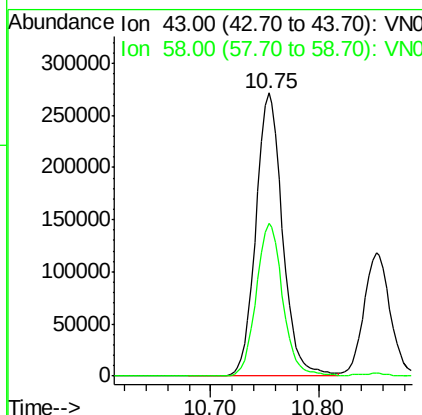
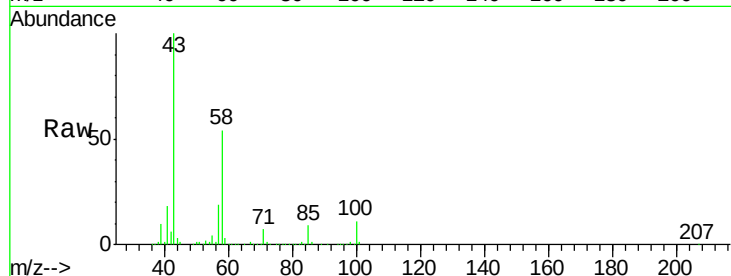




#59
2-Hexanone
Concen: 103.63 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

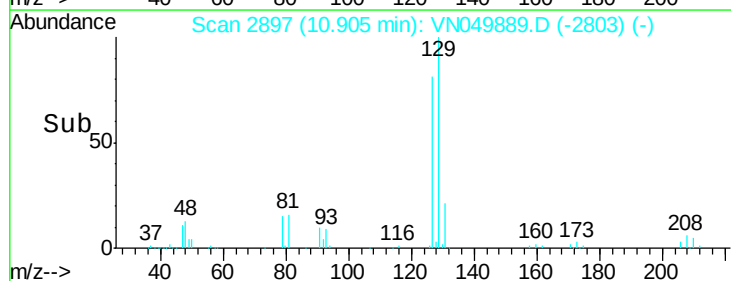
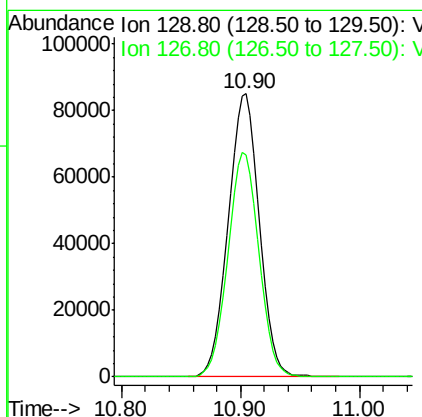
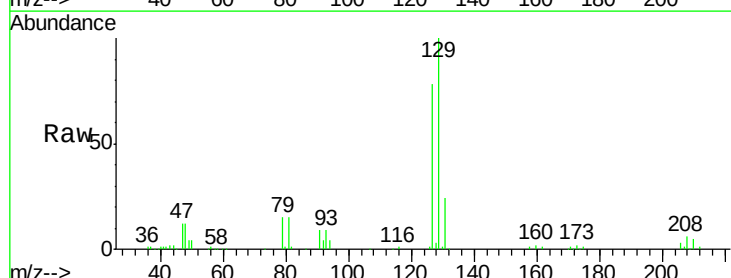
Instrument :
MSVOA_N
ClientSampleId :

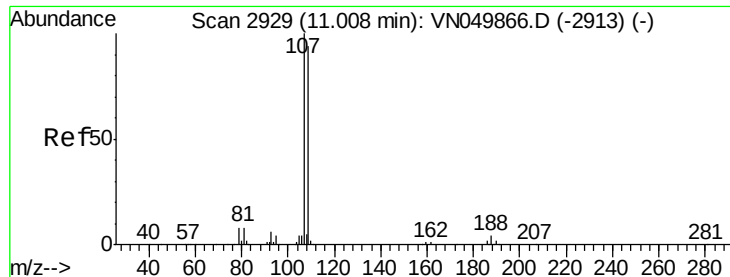
Tot Ion: 43 Resp: 463927
Ion Ratio Lower Upper
43 100
58 53.8 27.8 83.4



#60
Dibromochloromethane
Concen: 18.79 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 129 Resp: 153829
Ion Ratio Lower Upper
129 100
127 79.1 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.73 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

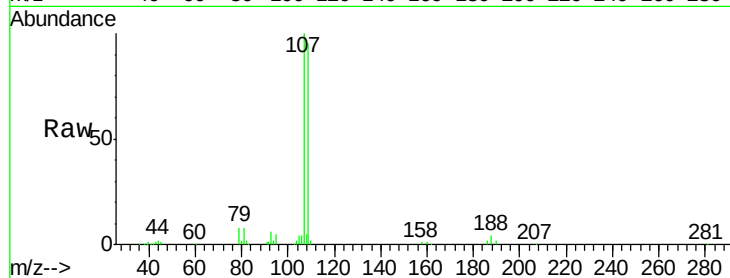
ClientSampleId :

Tot Ion: 107 Resp: 137588

Ion Ratio Lower Upper

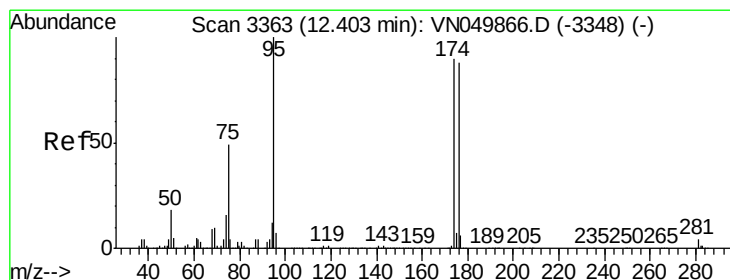
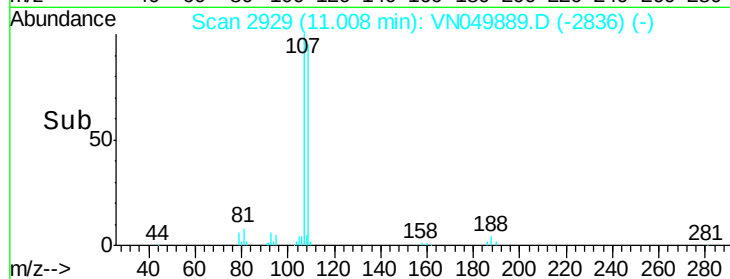
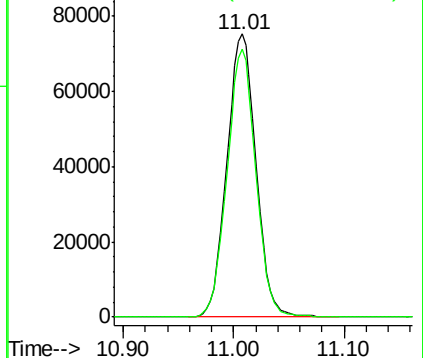
107 100

109 93.6 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: 47.16 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

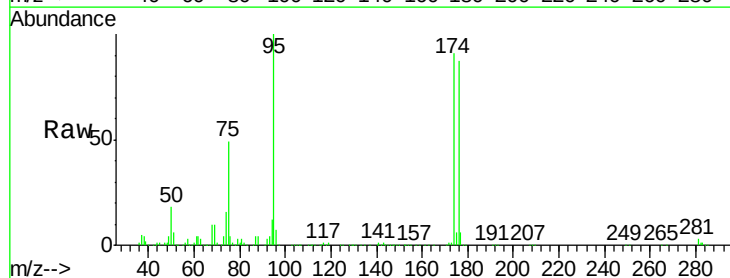
Tgt Ion: 95 Resp: 444000

Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.6

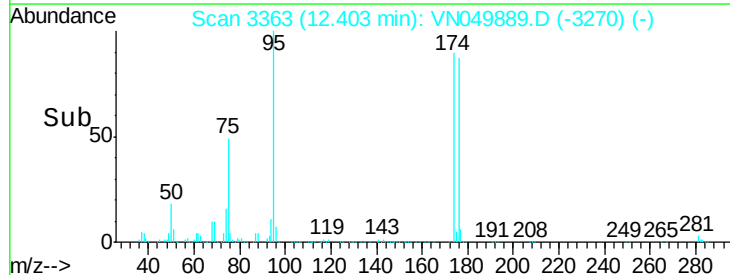
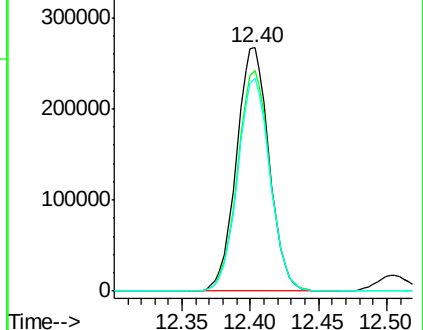
176 86.5 0.0 174.0

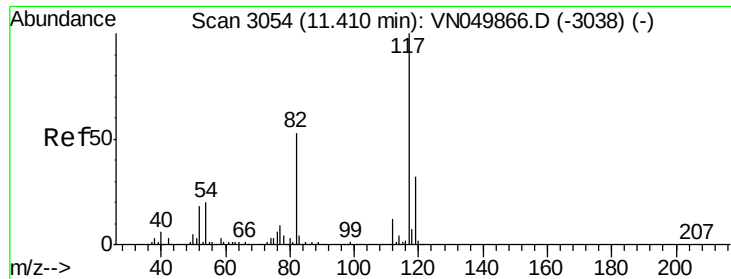


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

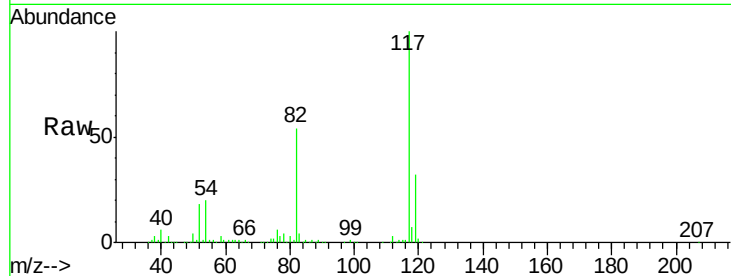




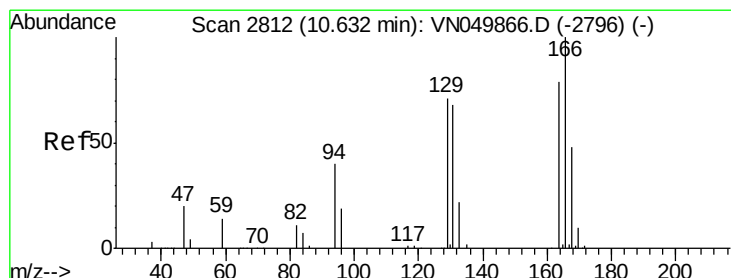
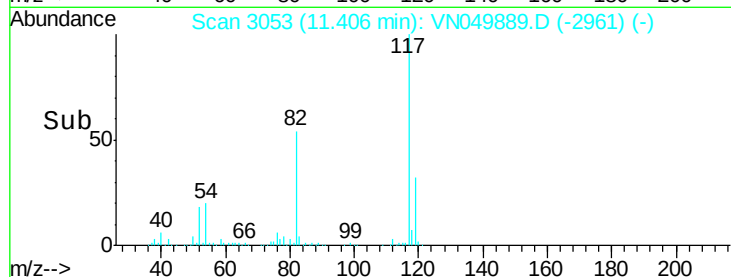
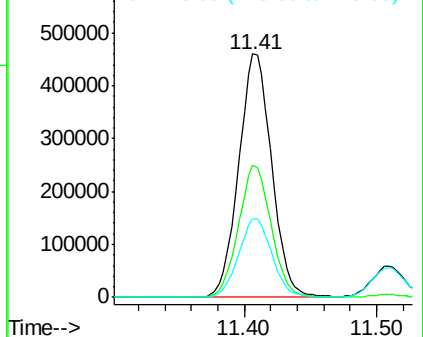
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 795864
Ion Ratio Lower Upper
117 100
82 54.1 41.9 62.9
119 32.5 25.4 38.2

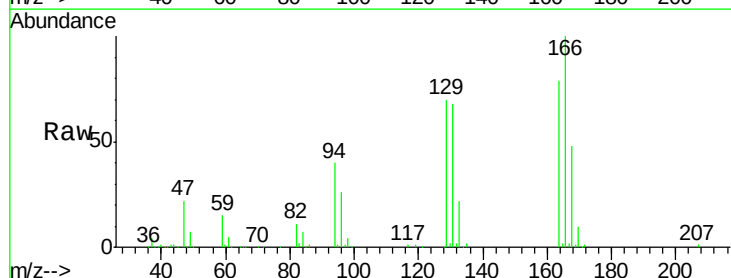


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

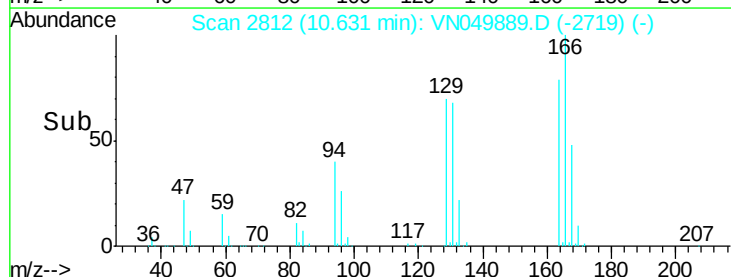
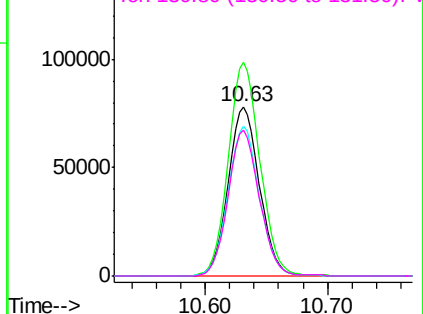


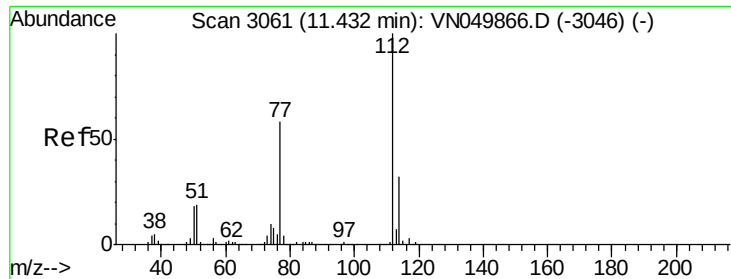
#64
Tetrachloroethene
Concen: 19.51 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion:164 Resp: 139511
Ion Ratio Lower Upper
164 100
166 126.3 101.8 152.6
129 88.8 72.8 109.2
131 86.1 70.0 105.0



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





#65

Chlorobenzene

Concen: 19.29 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

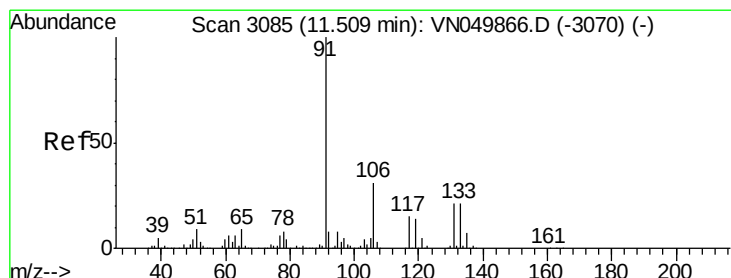
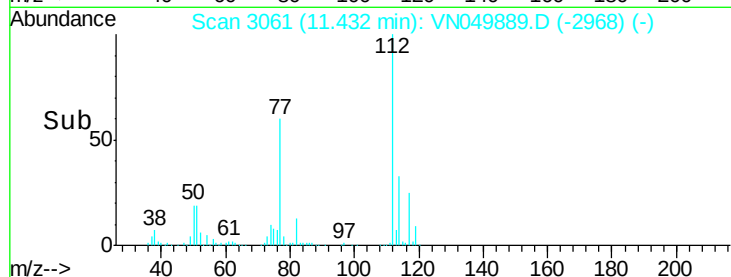
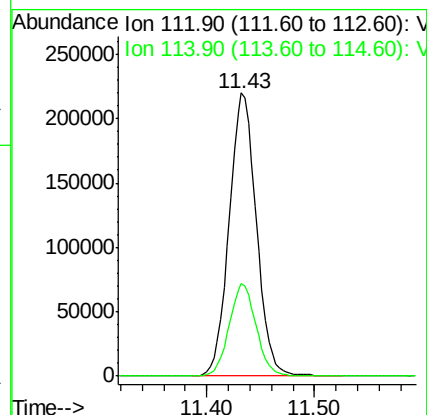
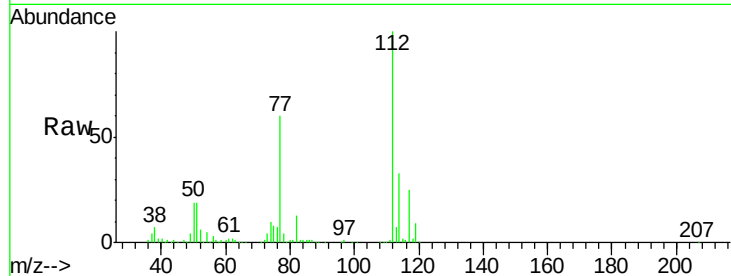
ClientSampled :

Tot Ion:112 Resp: 385804

Ion Ratio Lower Upper

112 100

114 32.6 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.31 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

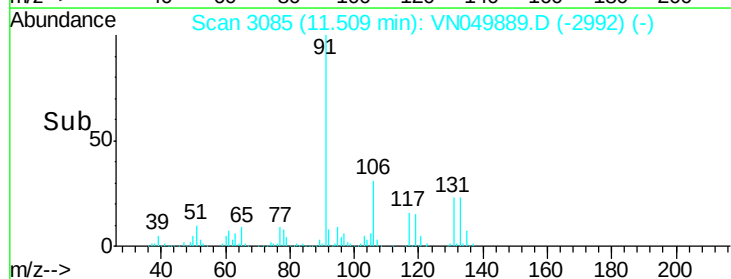
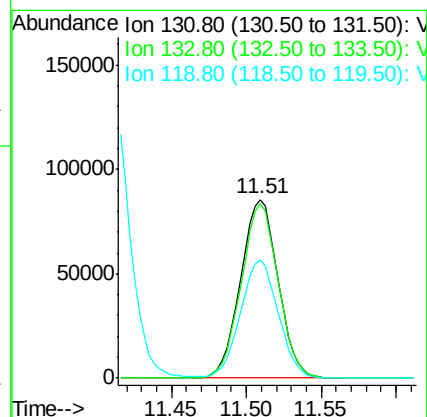
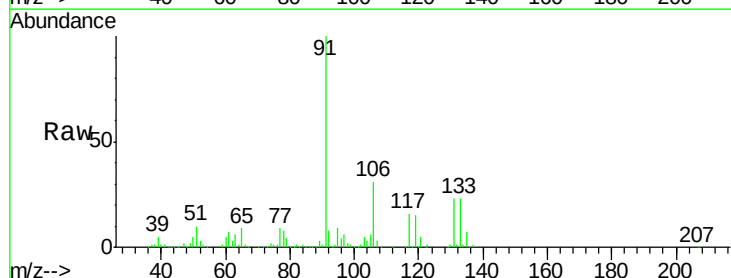
Tgt Ion:131 Resp: 149581

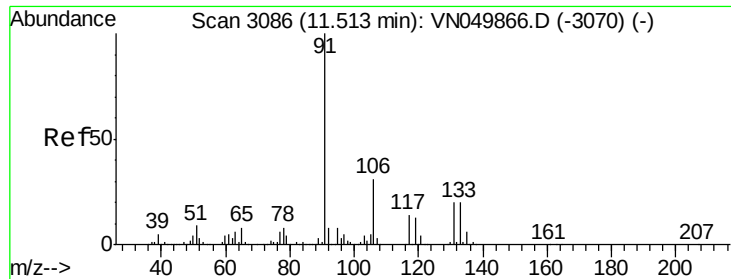
Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.6

119 66.5 33.1 99.3

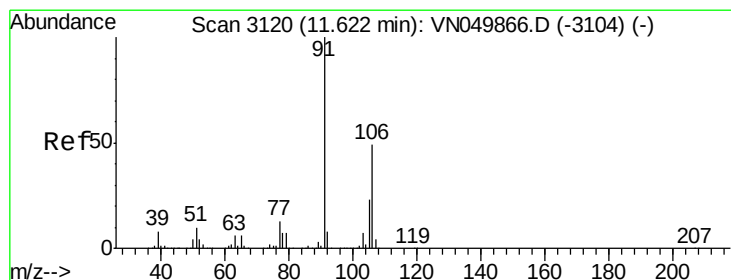
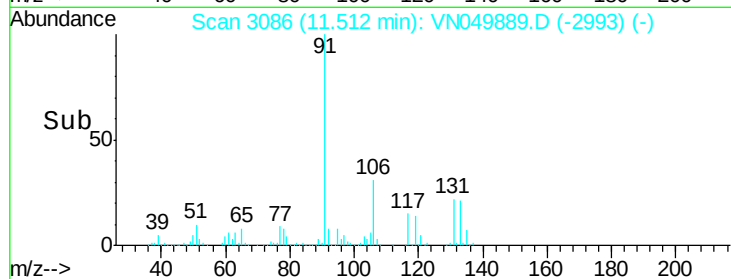
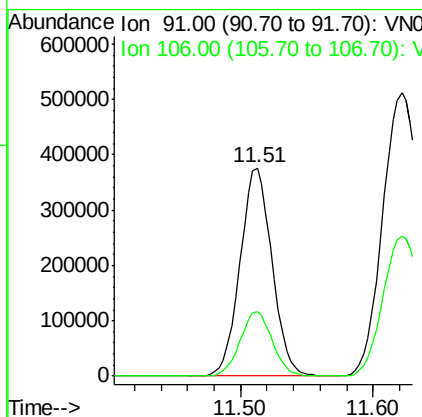
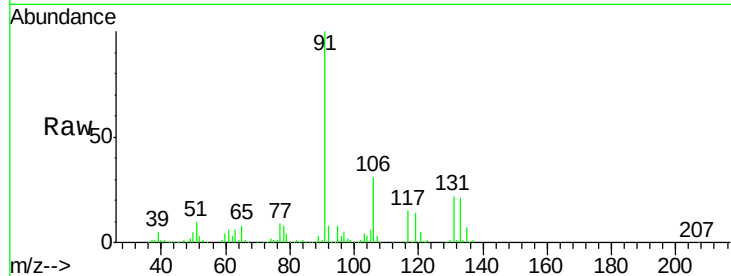




#67
Ethyl Benzene
Concen: 19.41 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

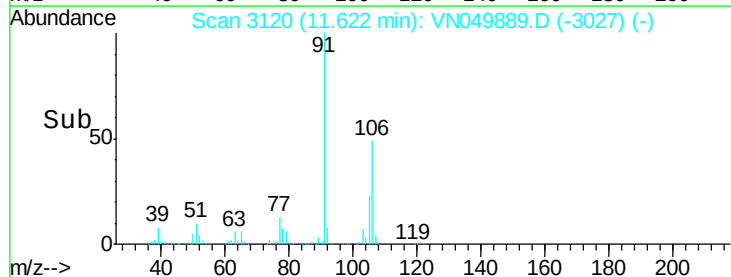
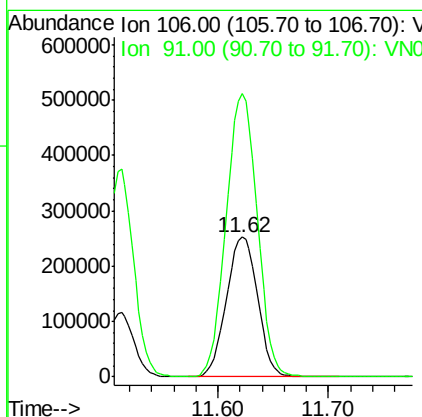
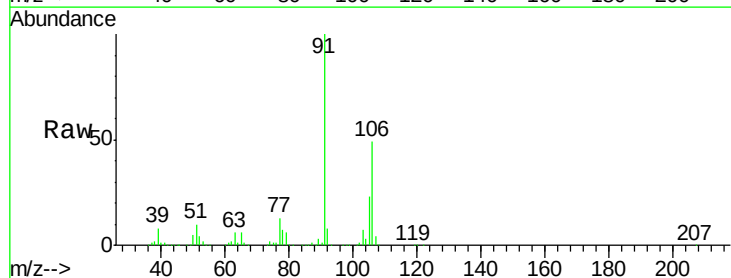
Instrument :
MSVOA_N
ClientSampled :

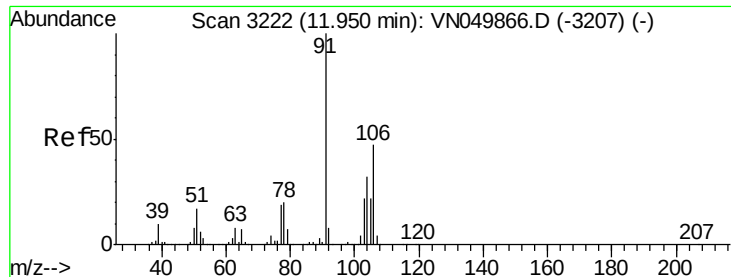
Tot Ion: 91 Resp: 629677
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2



#68
m/p-Xylenes
Concen: 40.40 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion: 106 Resp: 496065
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2

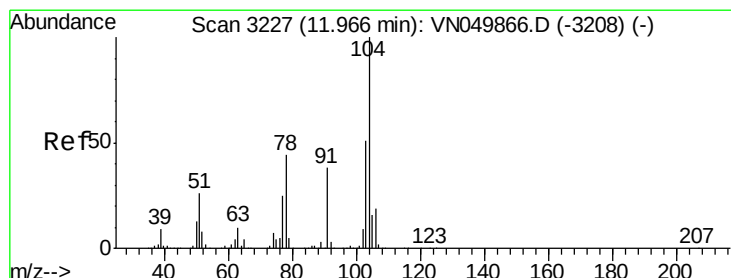
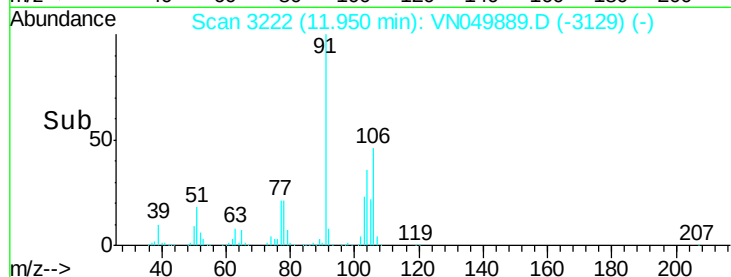
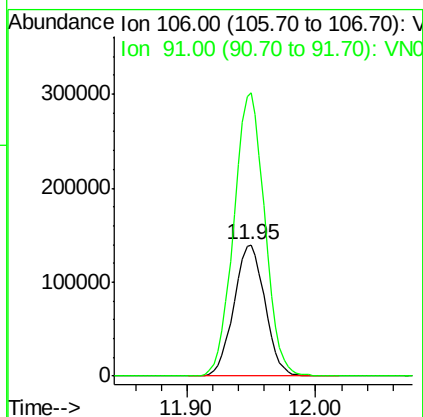
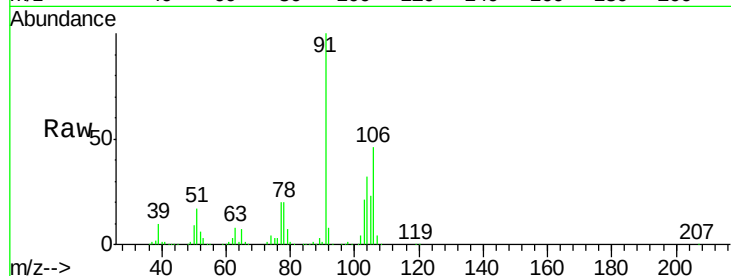




#69
o-Xylene
Concen: 19.74 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

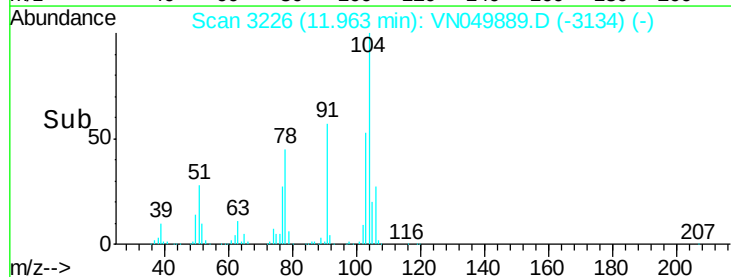
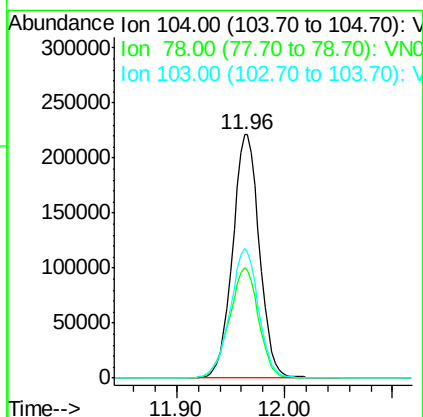
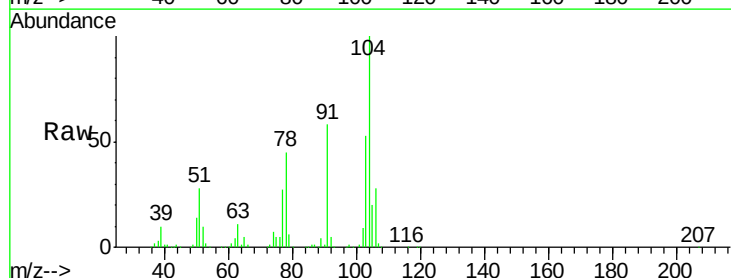
Instrument :
MSVOA_N
ClientSampleId :

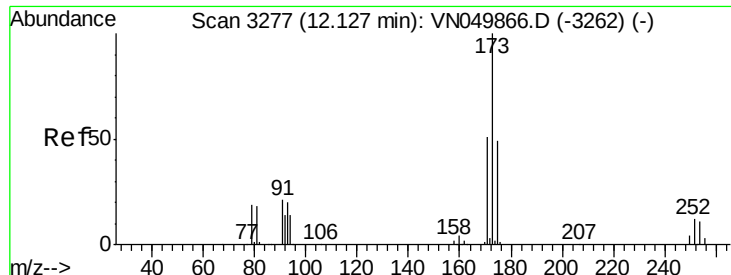
Tot Ion:106 Resp: 232769
Ion Ratio Lower Upper
106 100
91 215.7 108.7 326.1



#70
Styrene
Concen: 20.11 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion:104 Resp: 384239
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 56.3 44.6 67.0





#71

Bromoform

Concen: 19.96 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

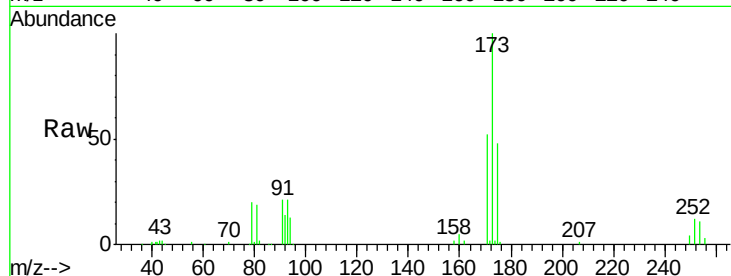
Tot Ion:173 Resp: 110596

Ion Ratio Lower Upper

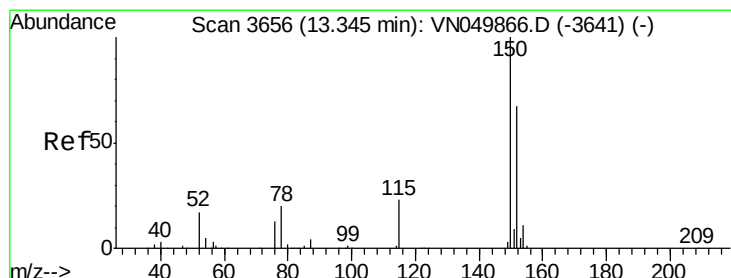
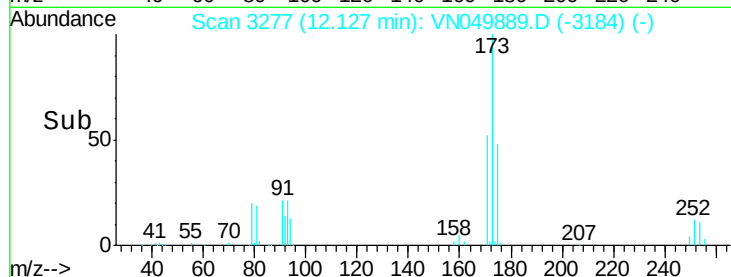
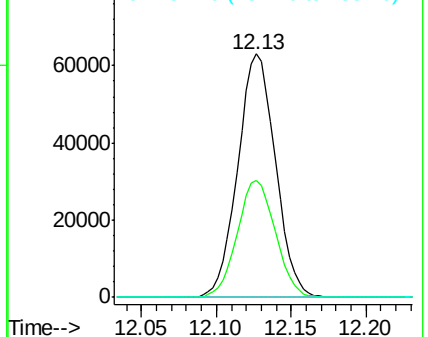
173 100

175 48.5 24.6 73.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

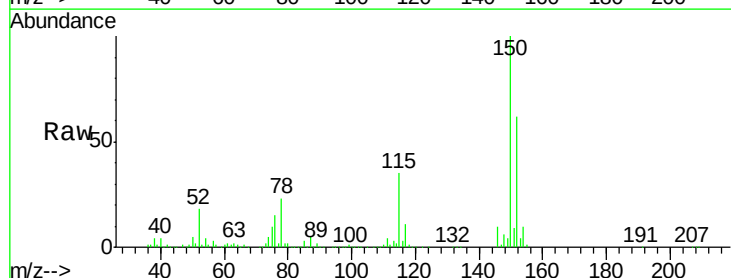
Tgt Ion:152 Resp: 413286

Ion Ratio Lower Upper

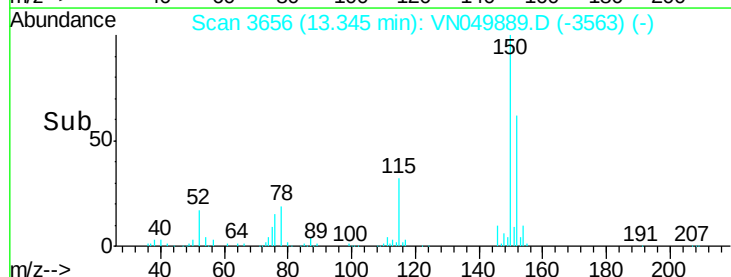
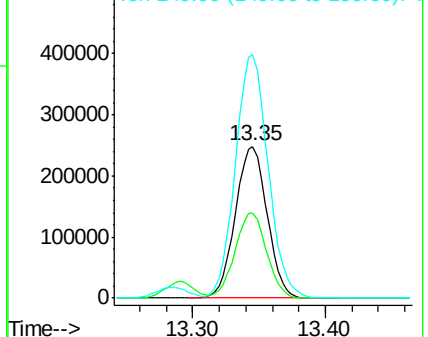
152 100

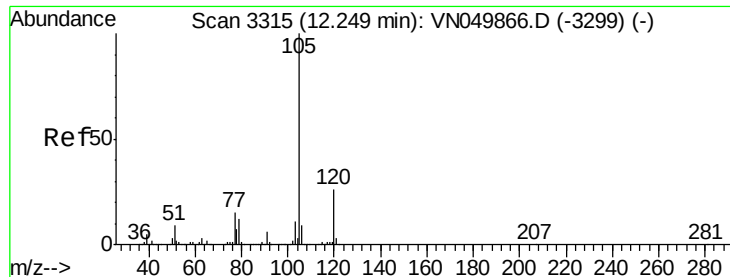
115 55.8 28.1 84.2

150 165.2 0.0 347.6



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





#73

Isopropylbenzene

Concen: 19.94 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

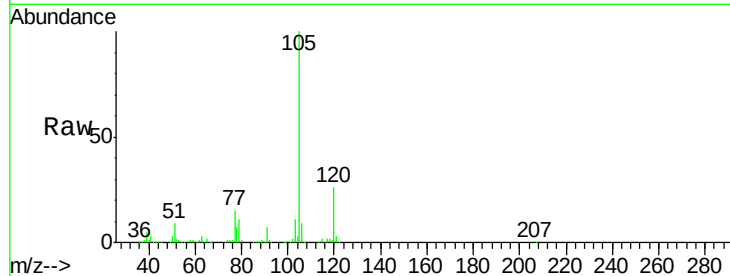
ClientSampleId :

Tot Ion:105 Resp: 626103

Ion Ratio Lower Upper

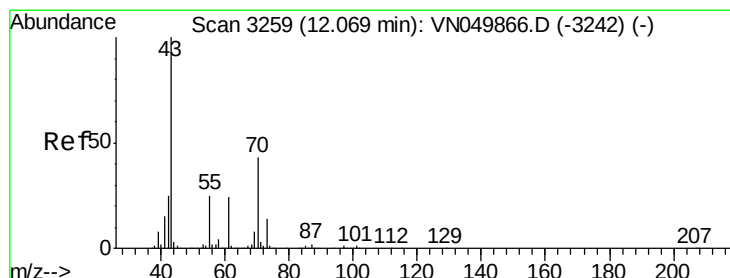
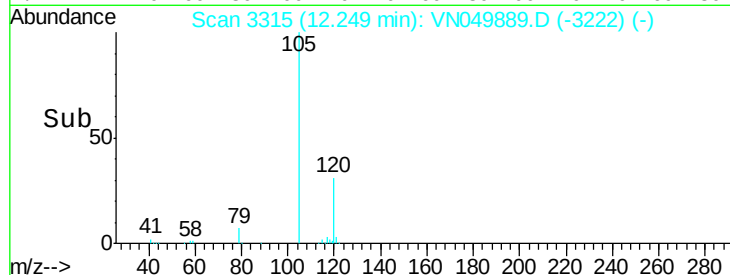
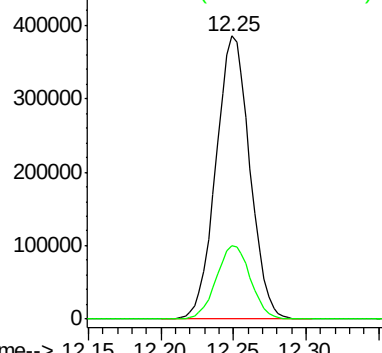
105 100

120 26.2 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: 20.32 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Tgt Ion: 43 Resp: 194159

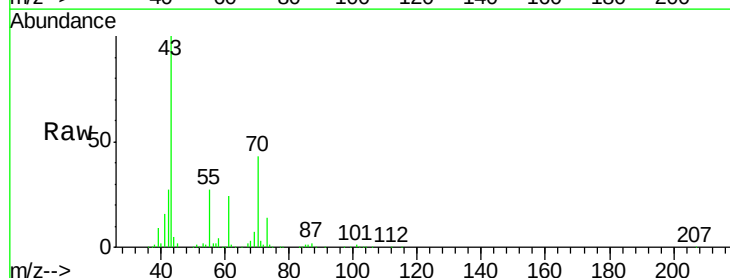
Ion Ratio Lower Upper

43 100

70 42.9 34.8 52.2

55 26.6 20.9 31.3

61 24.5 19.9 29.9

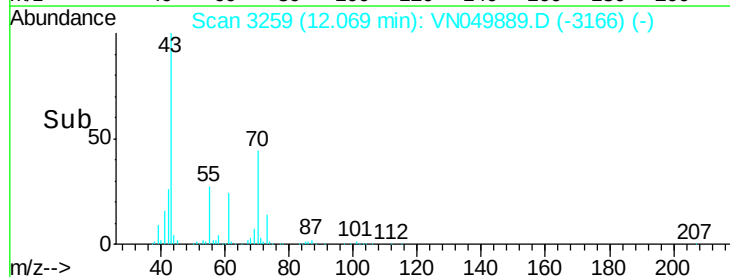
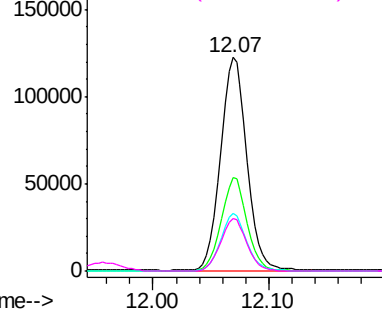


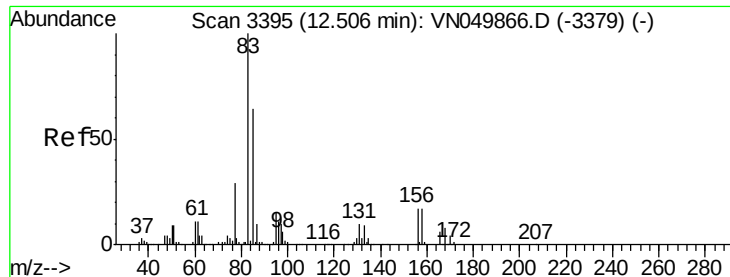
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.86 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampleId :

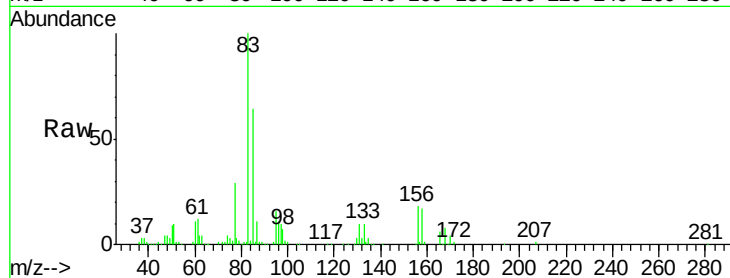
Tot Ion: 83 Resp: 186781

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

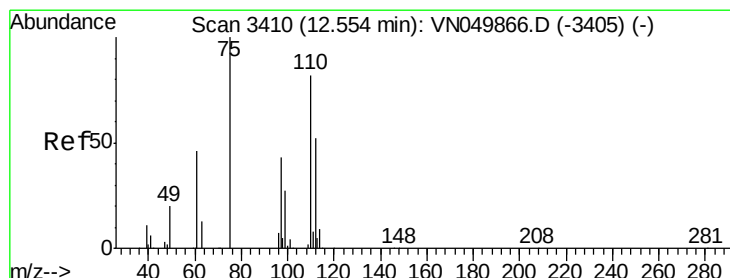
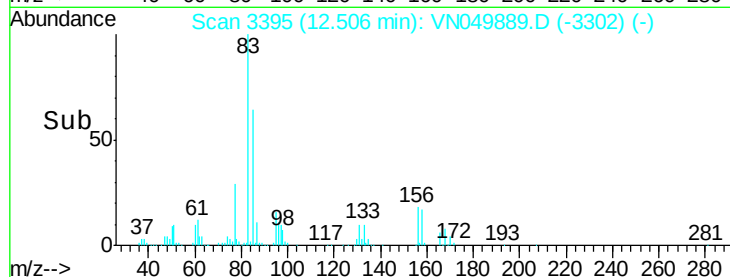
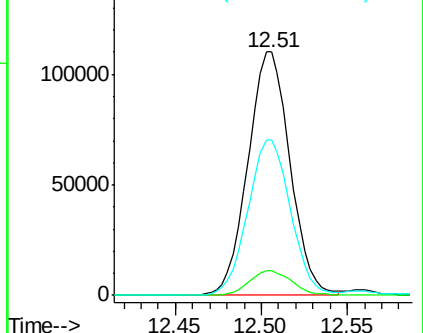
85 64.7 32.5 97.4



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: 28.09 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049889.D

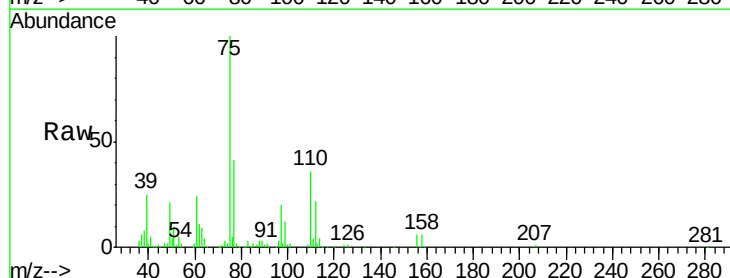
Acq: 18 Jul 2018 23:15

Tgt Ion: 75 Resp: 217791

Ion Ratio Lower Upper

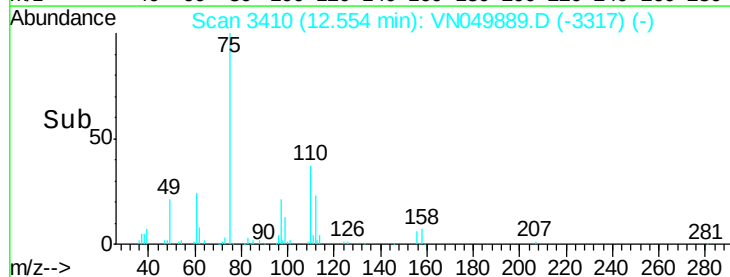
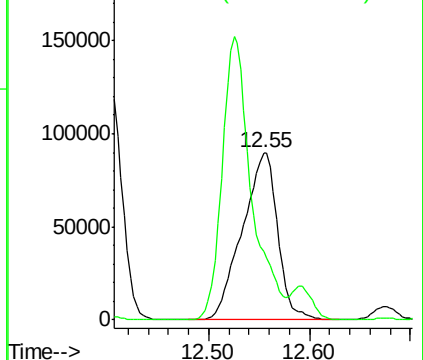
75 100

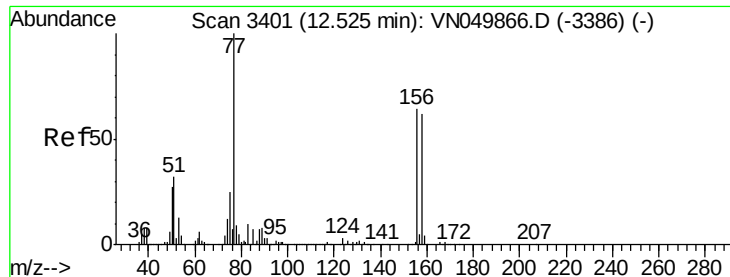
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 19.38 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

ClientSampled :

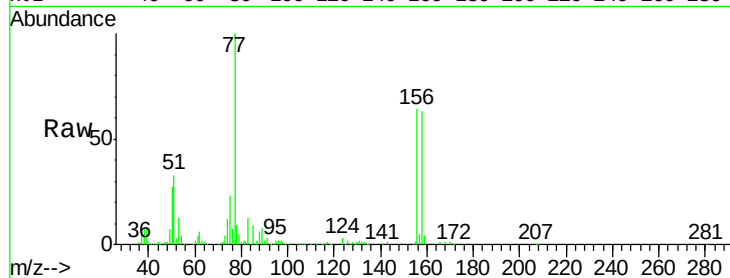
Tot Ion:156 Resp: 168038

Ion Ratio Lower Upper

156 100

77 184.5 90.2 270.6

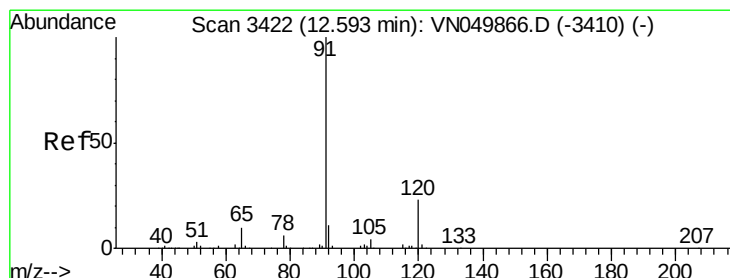
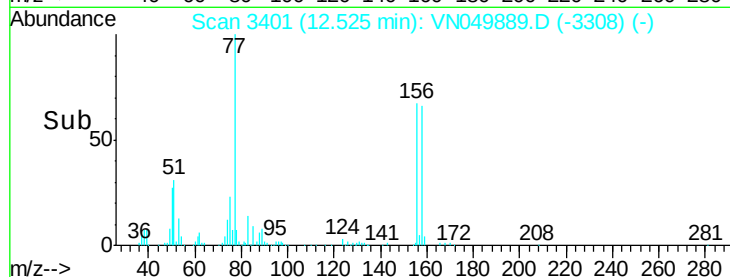
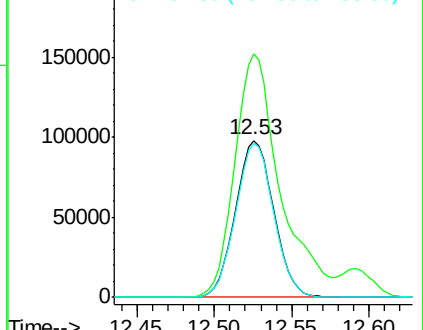
158 98.2 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.04 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049889.D

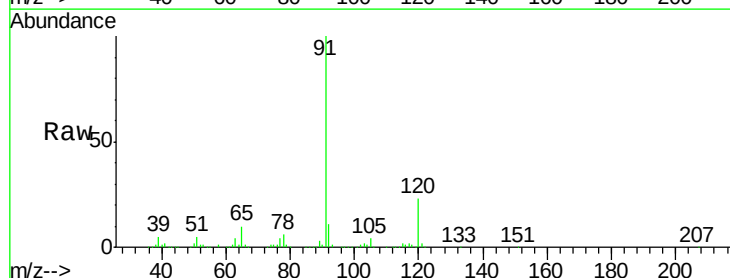
Acq: 18 Jul 2018 23:15

Tgt Ion: 91 Resp: 715205

Ion Ratio Lower Upper

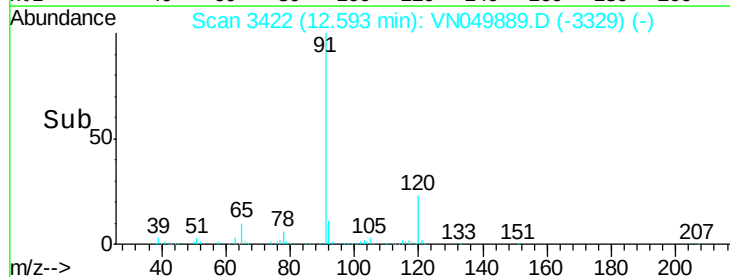
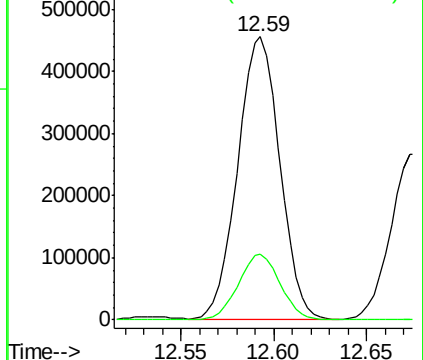
91 100

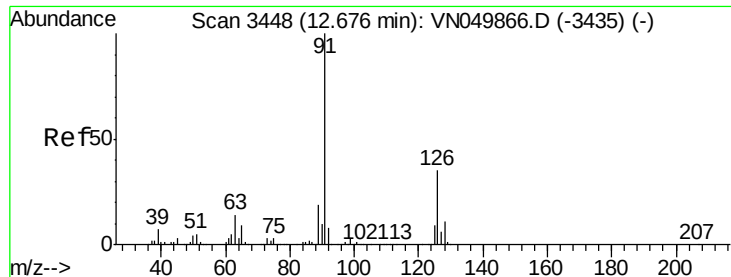
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.00 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

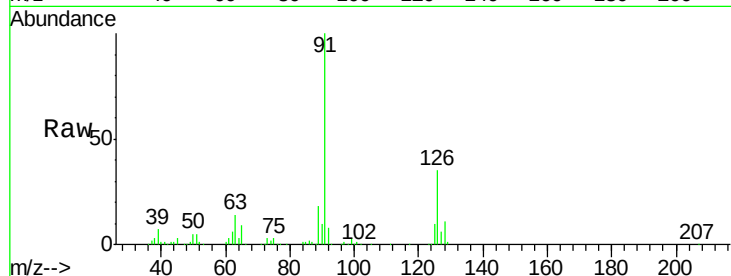
ClientSampled :

Tot Ion: 91 Resp: 438321

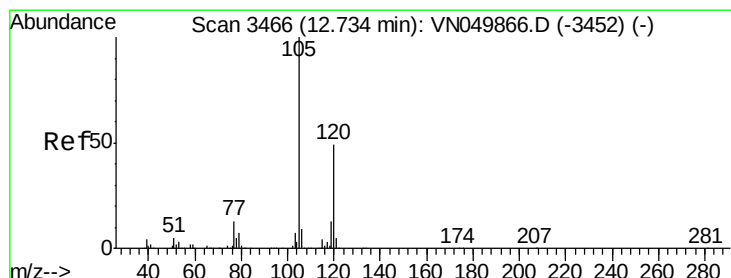
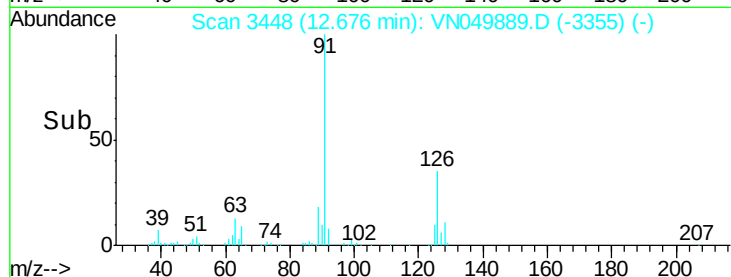
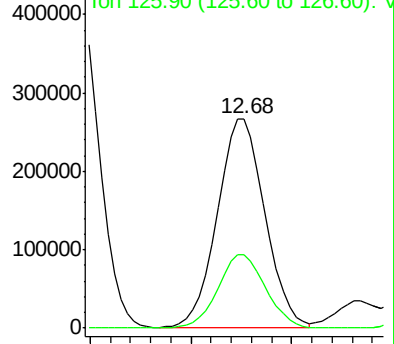
Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049889.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.44 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049889.D

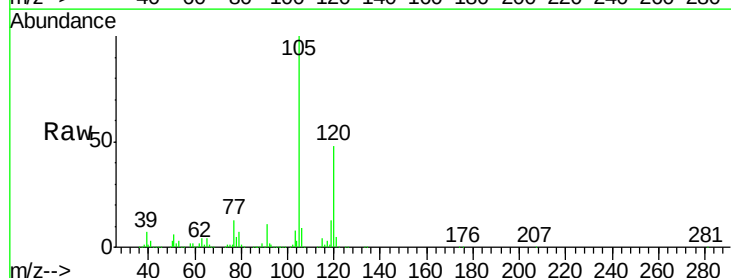
Acq: 18 Jul 2018 23:15

Tgt Ion:105 Resp: 514433

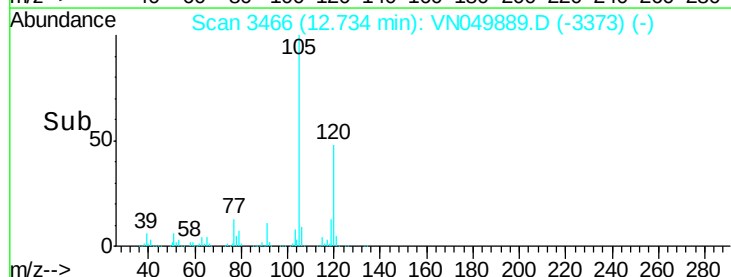
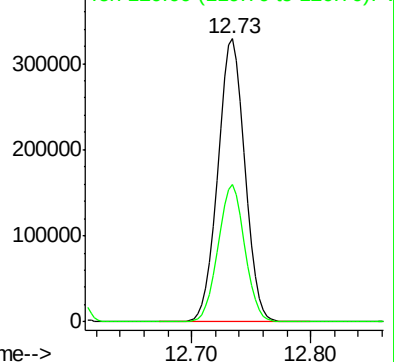
Ion Ratio Lower Upper

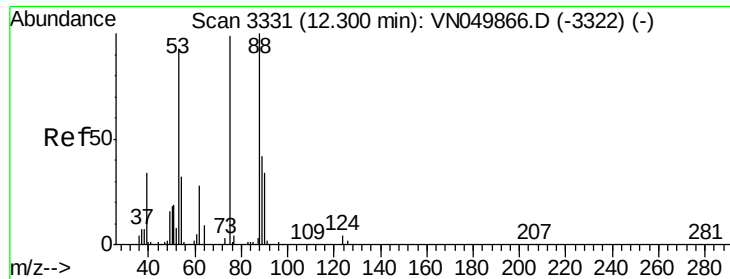
105 100

120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049889.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.56 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

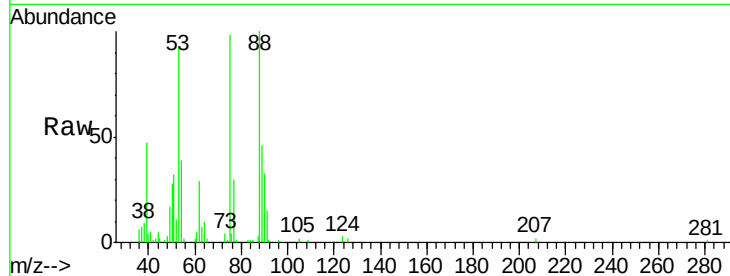
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 46017

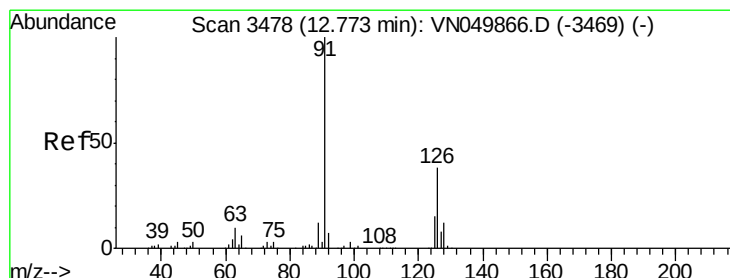
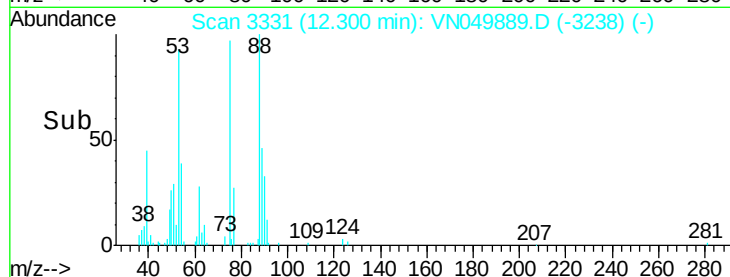
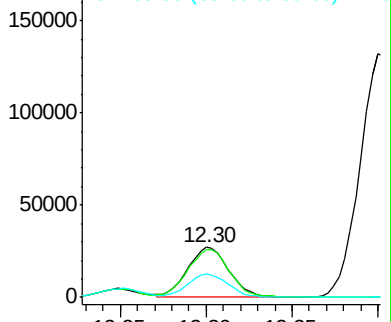
Ion	Ratio	Lower	Upper
75	100		
53	97.7	73.9	110.9
89	45.9	35.9	53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.21 ug/l

RT: 12.77 min Scan# 3478

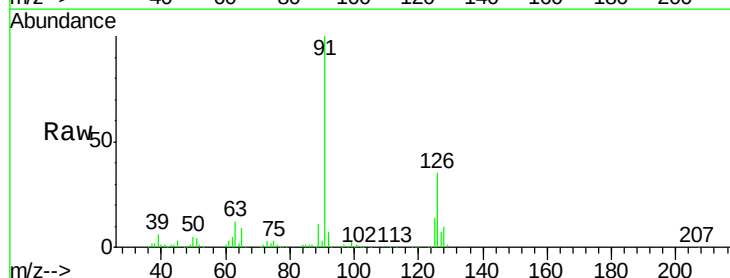
Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

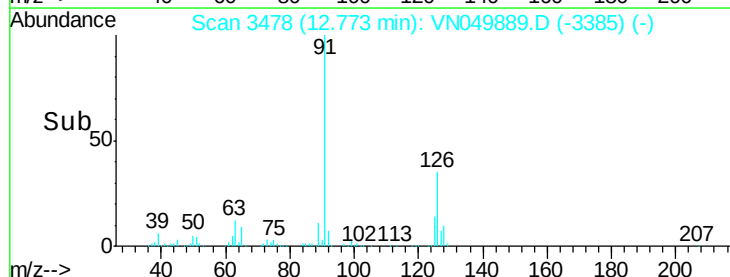
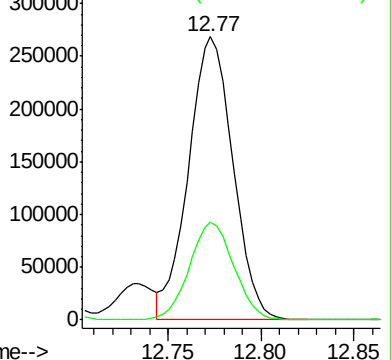
Tgt Ion: 91 Resp: 444269

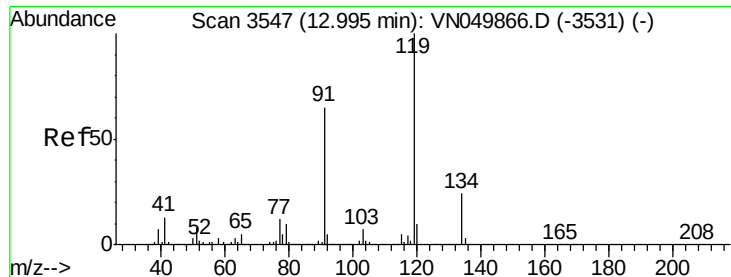
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.2	51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

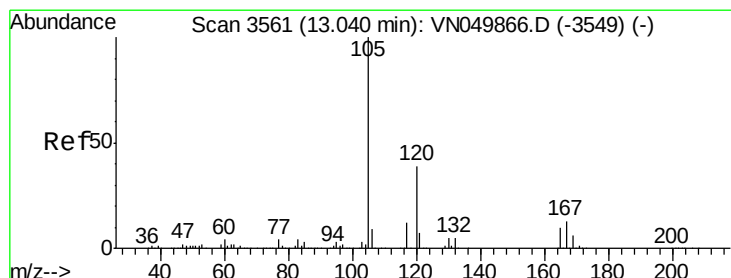
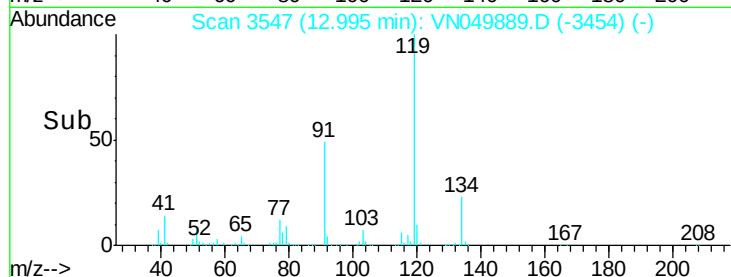
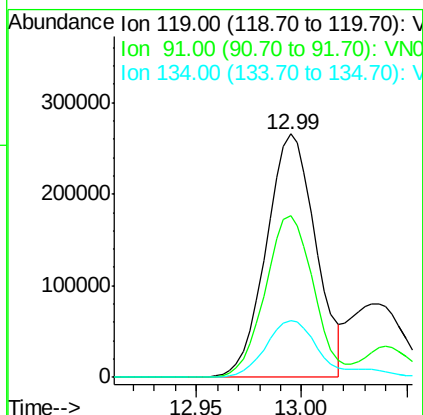
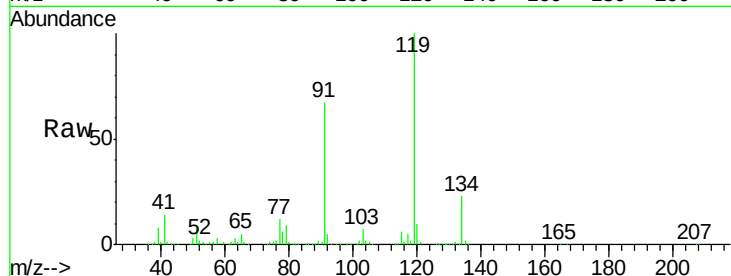




#83
 tert-Butylbenzene
 Concen: 19.55 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

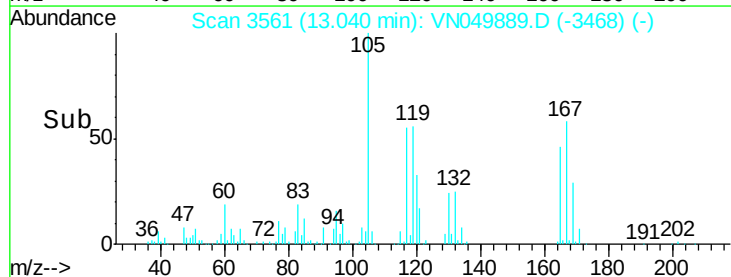
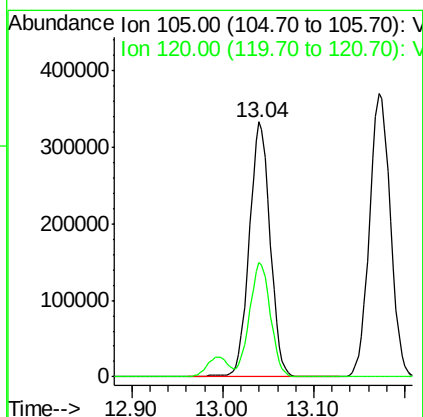
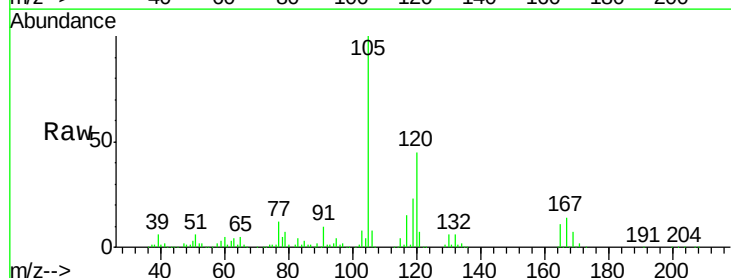
Instrument :
 MSVOA_N
 ClientSampled :

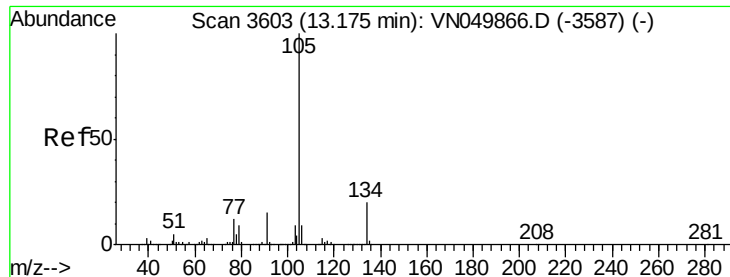
Tot Ion:119 Resp: 432090
 Ion Ratio Lower Upper
 119 100
 91 65.8 32.0 96.2
 134 24.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.79 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion:105 Resp: 529805
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.17 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

Instrument :

MSVOA_N

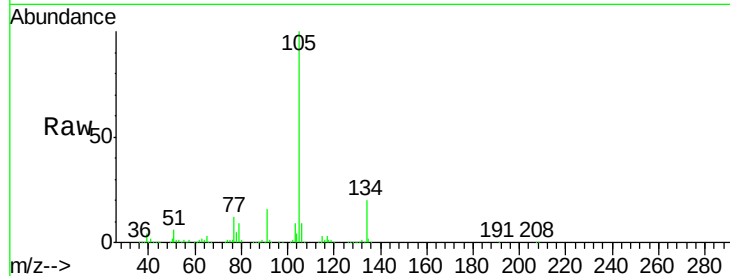
ClientSampleId :

Tot Ion:105 Resp: 588969

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

13.17

400000

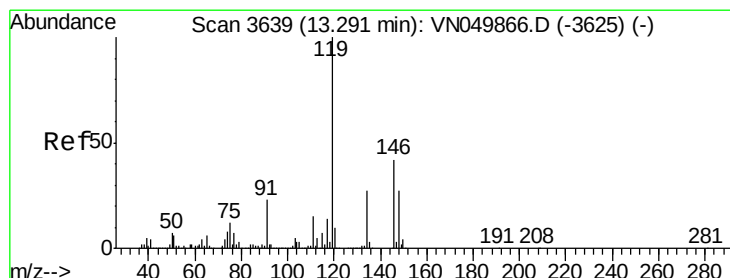
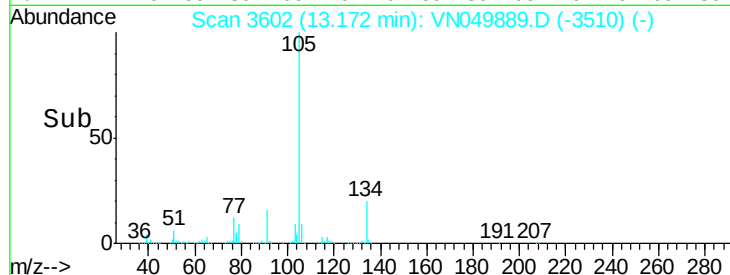
300000

200000

100000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 20.21 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049889.D

Acq: 18 Jul 2018 23:15

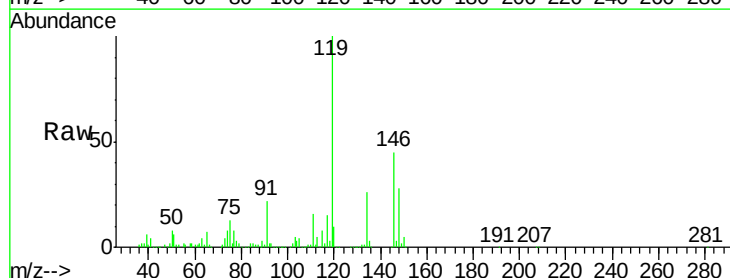
Tgt Ion:119 Resp: 503127

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 23.0 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

13.29

400000

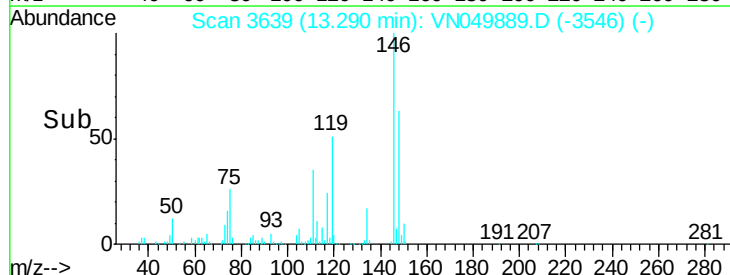
300000

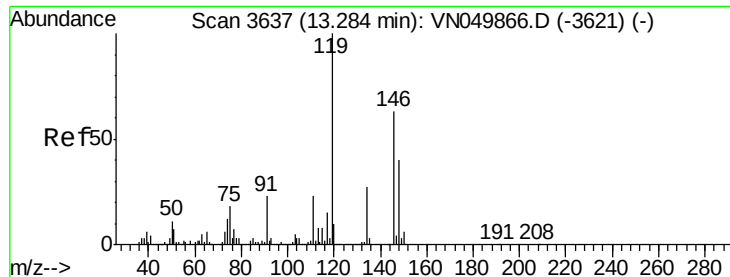
200000

100000

0

Time--> 13.20 13.25 13.30 13.35

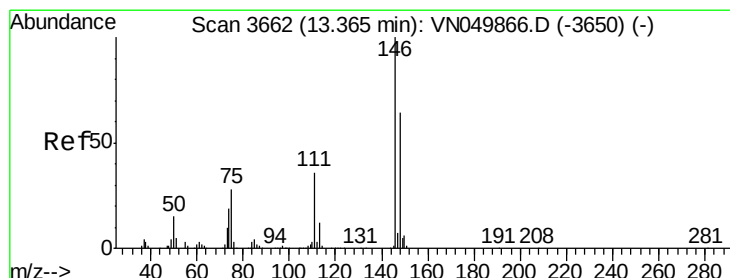
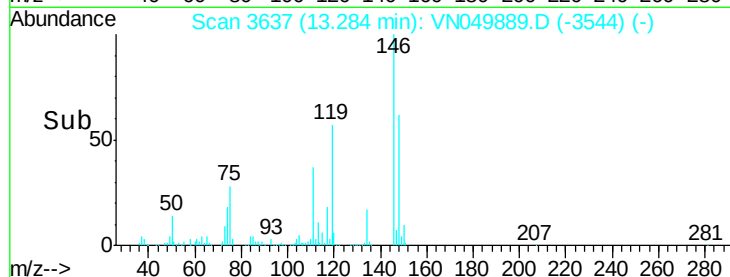
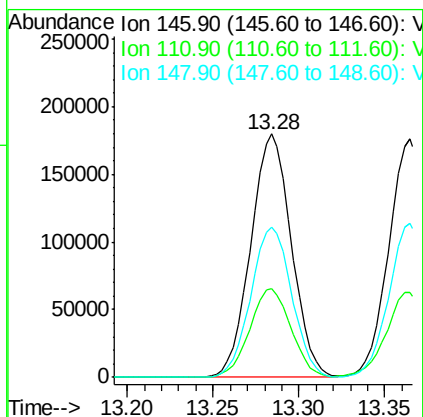
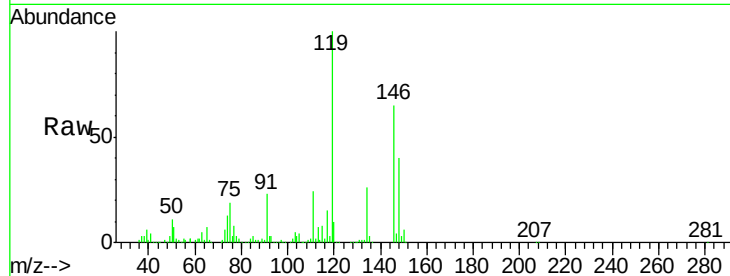




#87
 1,3-Dichlorobenzene
 Concen: 19.47 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

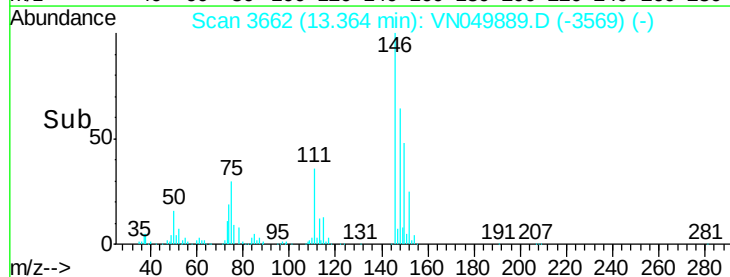
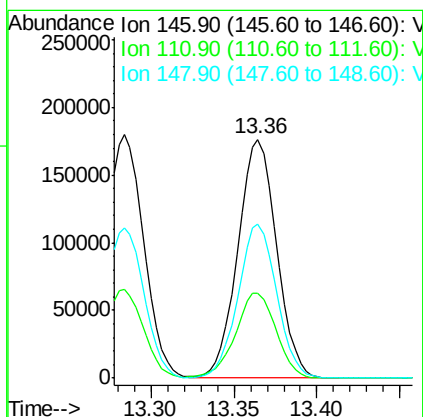
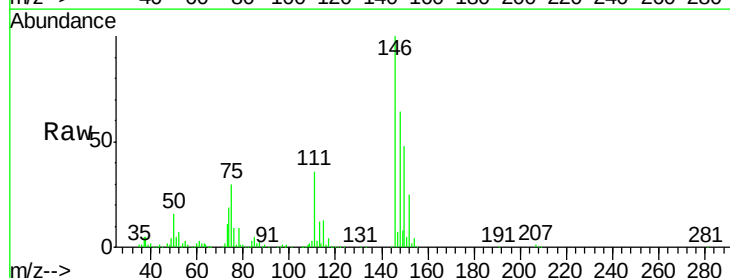
Instrument :
 MSVOA_N
 ClientSampleId :

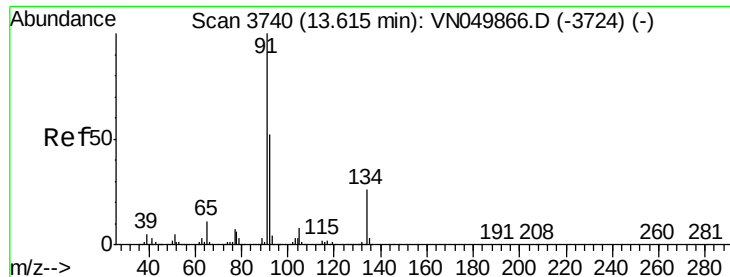
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.0	57.0
148	62.3	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.93 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	64.4	32.1	96.3

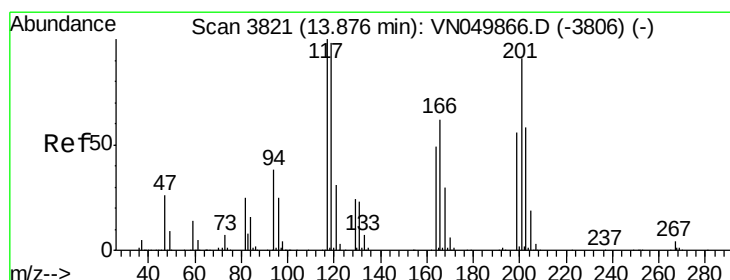
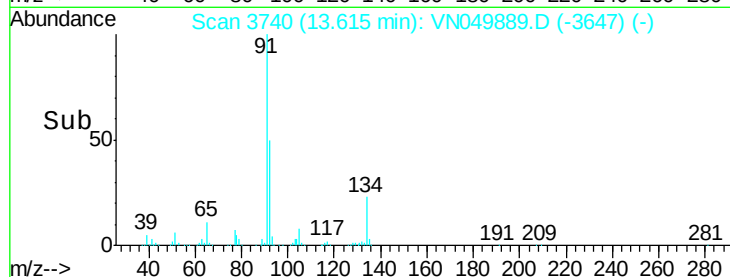
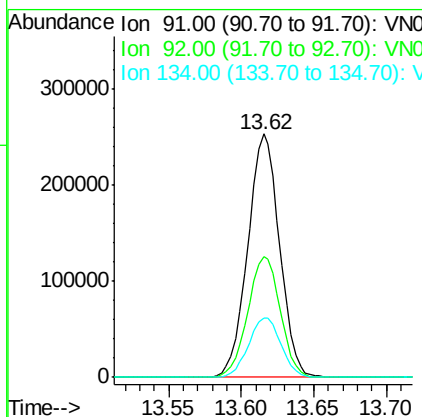
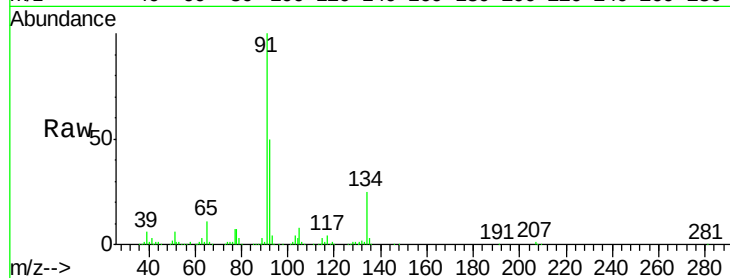




#89
n-Butylbenzene
Concen: 18.76 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

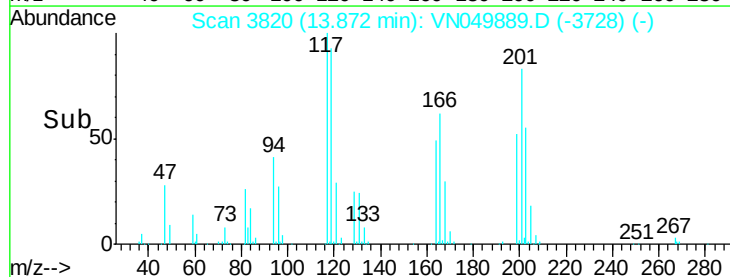
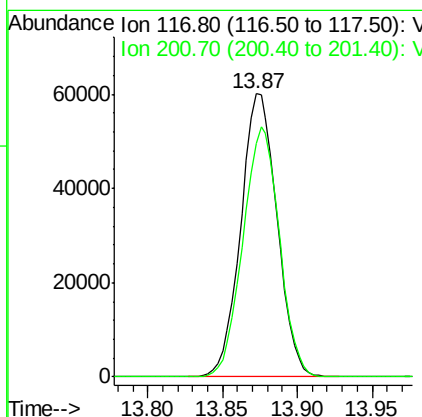
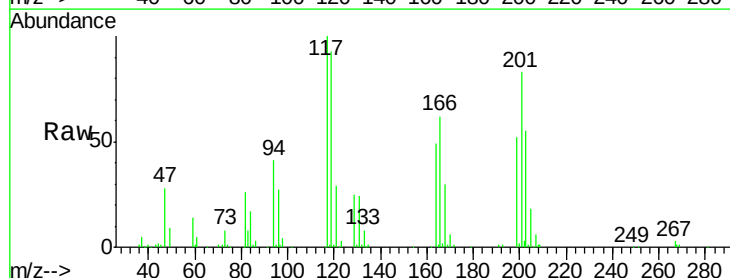
Instrument :
MSVOA_N
ClientSampled :

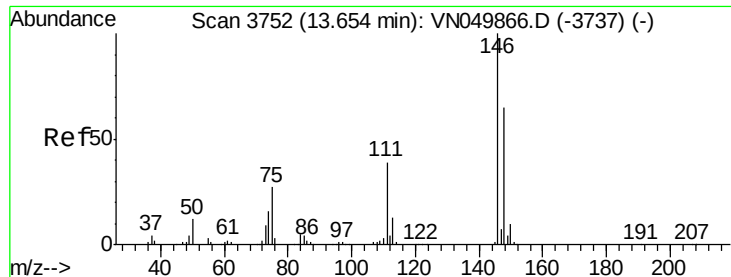
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.8	77.3
134	25.1	13.0	38.9



#90
Hexachloroethane
Concen: 18.17 ug/l
RT: 13.87 min Scan# 3820
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	45.3	135.8

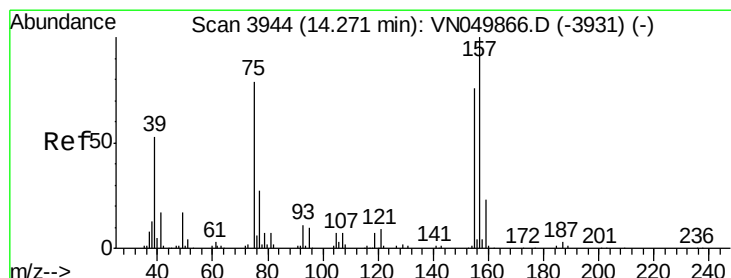
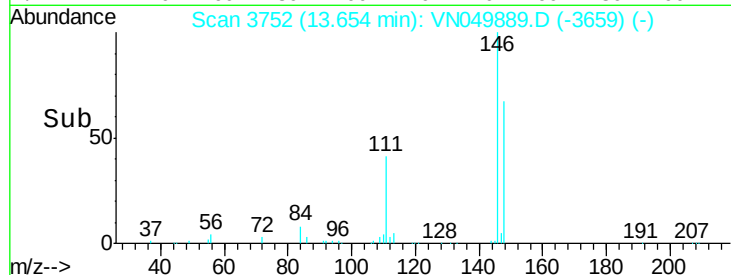
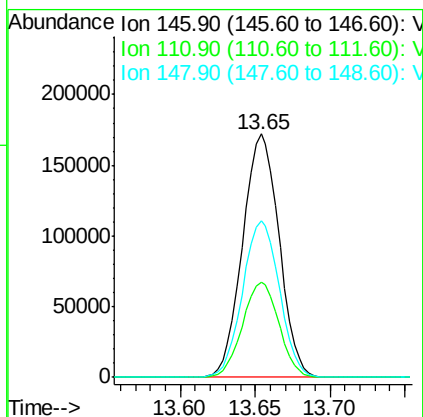
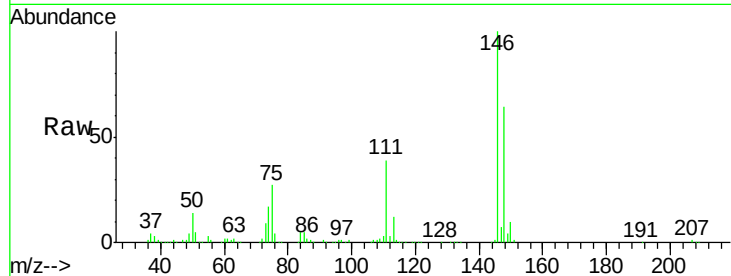




#91
 1,2-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

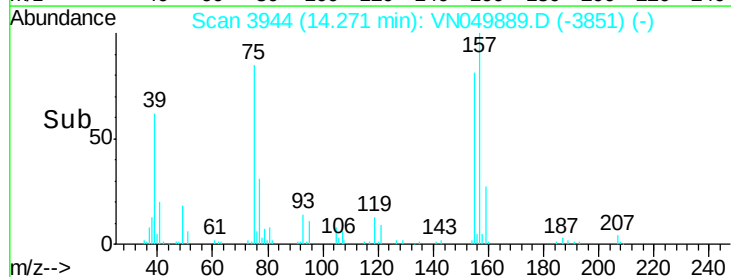
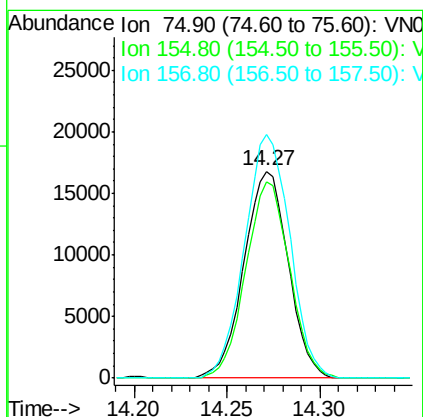
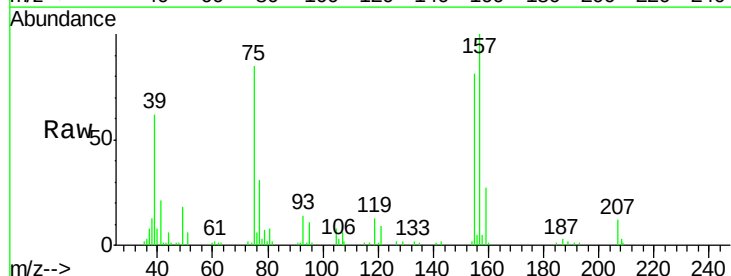
Instrument :
 MSVOA_N
 ClientSampleId :

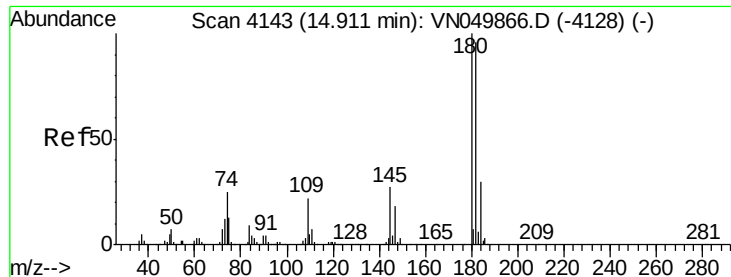
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.1
148	64.8	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.17 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	45.7	137.1
157	120.4	56.9	170.7

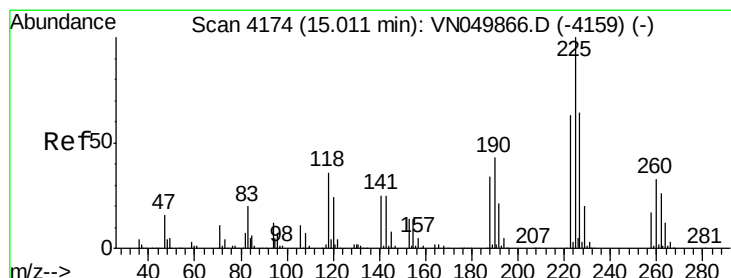
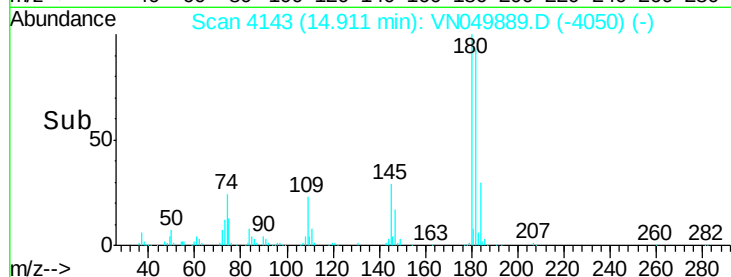
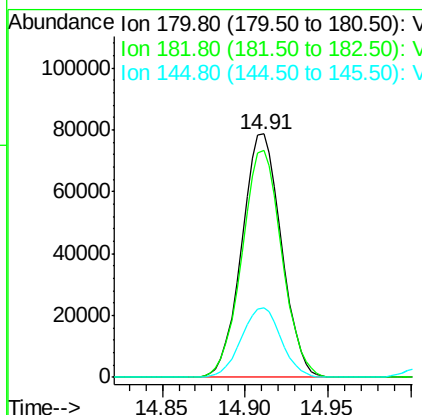
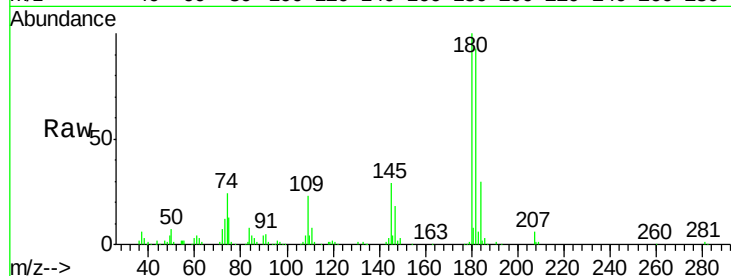




#93
 1,2,4-Trichlorobenzene
 Concen: 18.30 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

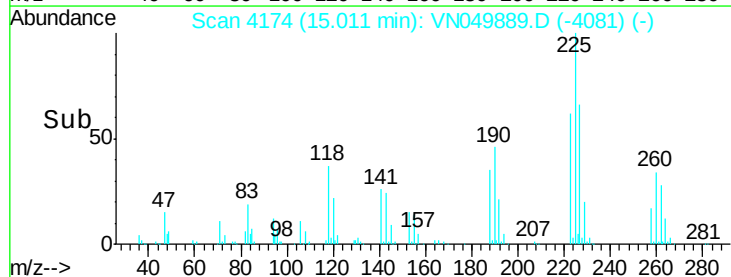
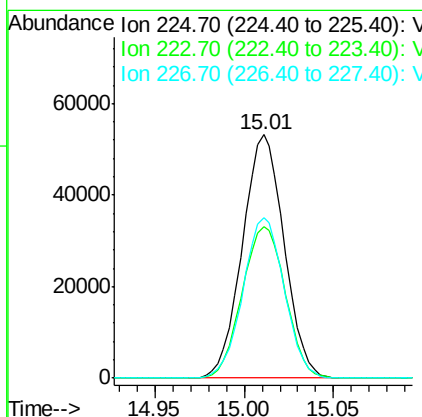
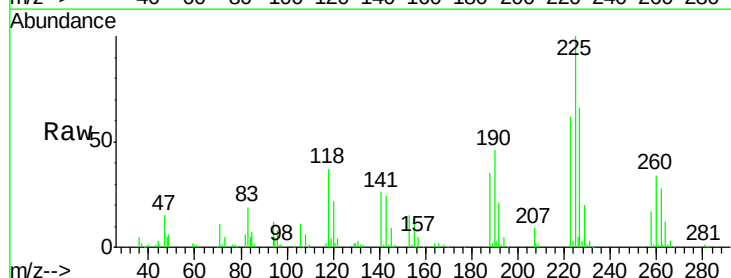
Instrument :
 MSVOA_N
 ClientSampled :

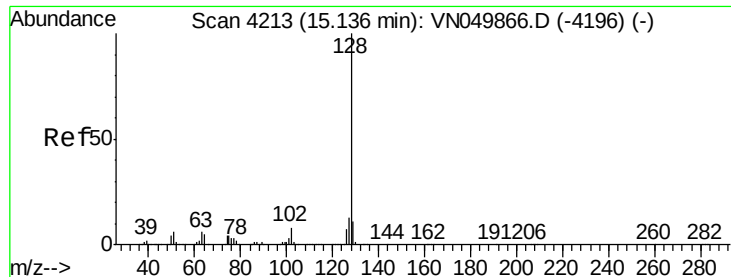
Tot Ion:180 Resp: 130475
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 141.9
 145 28.8 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 17.86 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049889.D
 Acq: 18 Jul 2018 23:15

Tgt Ion:225 Resp: 86936
 Ion Ratio Lower Upper
 225 100
 223 64.4 30.9 92.7
 227 65.2 31.8 95.4

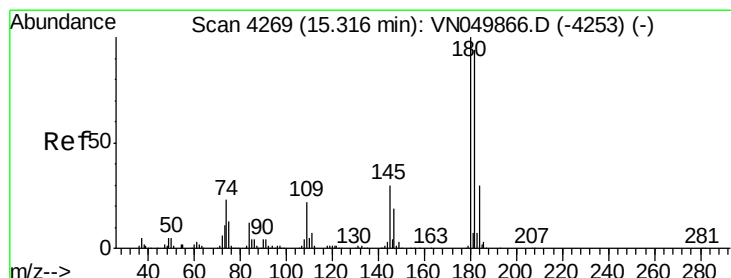
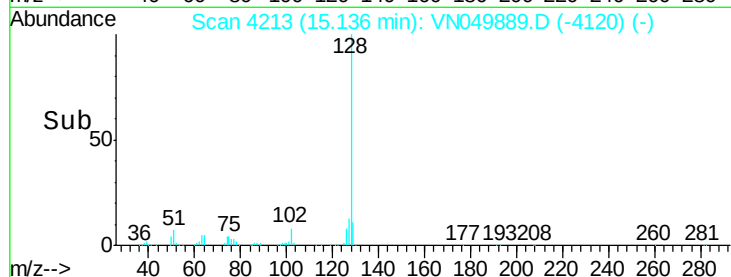
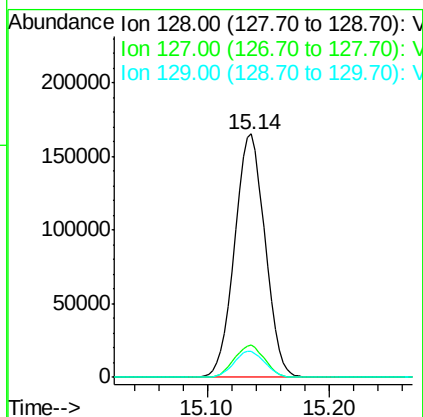
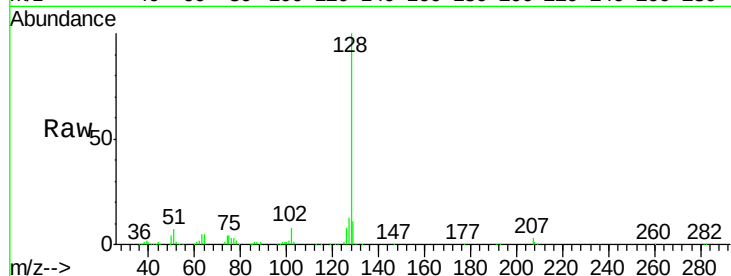




#95
Naphthalene
Concen: 17.75 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 285242
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.37 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049889.D
Acq: 18 Jul 2018 23:15

Tgt Ion:180 Resp: 137971
Ion Ratio Lower Upper
180 100
182 92.7 47.4 142.2
145 30.8 15.2 45.6

