

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049887.D
 Acq On : 18 Jul 2018 21:57
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 06:04:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	607569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	890206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	816998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	452827	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	412956	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	364024	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	10.09	98	1349309	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	460458	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	264307	47.60	ug/l	97
3) Chloromethane	2.06	50	351030	42.33	ug/l	100
4) Vinyl Chloride	2.18	62	387006	43.75	ug/l	99
5) Bromomethane	2.55	94	234227	47.26	ug/l	100
6) Chloroethane	2.70	64	250178	43.31	ug/l	99
7) Trichlorofluoromethane	3.01	101	536574	44.13	ug/l	96
8) Diethyl Ether	3.41	74	199342	46.99	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	327520	43.68	ug/l	99
10) Methyl Iodide	3.94	142	467742	46.50	ug/l	97
11) Tert butyl alcohol	4.81	59	150628	253.19	ug/l	100
12) 1,1-Dichloroethene	3.73	96	288700	43.83	ug/l	98
13) Acrolein	3.61	56	85791	223.79	ug/l	95
14) Allyl chloride	4.32	41	475243	45.77	ug/l	99
15) Acrylonitrile	4.99	53	674480	257.79	ug/l	99
16) Acetone	3.82	43	534102	247.03	ug/l	97
17) Carbon Disulfide	4.04	76	832656	42.25	ug/l	99
18) Methyl Acetate	4.33	43	371792	54.80	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	914652	50.47	ug/l	99
20) Methylene Chloride	4.54	84	377763	45.94	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	322835	46.16	ug/l	99
22) Diisopropyl ether	5.96	45	1072425	50.61	ug/l	97
23) Vinyl Acetate	5.90	43	3815775	256.66	ug/l	100
24) 1,1-Dichloroethane	5.85	63	622967	45.80	ug/l	99
25) 2-Butanone	6.84	43	823795	266.60	ug/l	99
26) 2,2-Dichloropropane	6.82	77	464800	43.91	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	367085	47.83	ug/l	98
28) Bromochloromethane	7.19	49	306644	49.91	ug/l	97
29) Tetrahydrofuran	7.22	42	529325	271.93	ug/l	99
30) Chloroform	7.37	83	649028	46.48	ug/l	99
31) Cyclohexane	7.65	56	509558	46.03	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	551933	45.73	ug/l	99
36) 1,1-Dichloropropene	7.79	75	469334	47.42	ug/l	99
37) Ethyl Acetate	6.94	43	350585	51.58	ug/l	99
38) Carbon Tetrachloride	7.77	117	491838	46.39	ug/l	98

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 QLast Update : Wed Jul 18 13:09:48 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	485107	47.44	ug/l	96
40) Benzene	8.04	78	1433692	47.52	ug/l	100
41) Methacrylonitrile	7.18	41	169502	49.75	ug/l #	90
42) 1,2-Dichloroethane	8.12	62	480956	48.13	ug/l	100
43) Isopropyl Acetate	8.17	43	651151	54.84	ug/l	100
44) Trichloroethene	8.83	130	369515	46.71	ug/l	97
45) 1,2-Dichloropropane	9.12	63	383576	47.13	ug/l	100
46) Dibromomethane	9.21	93	242631	48.07	ug/l	97
47) Bromodichloromethane	9.40	83	505561	48.43	ug/l	99
48) Methyl methacrylate	9.20	41	310240	52.08	ug/l	99
49) 1,4-Dioxane	9.20	88	92134	1090.35	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1846242	278.13	ug/l	99
52) Toluene	10.16	92	893187	49.63	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	515953	49.99	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	568861	49.87	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	352221	47.38	ug/l	100
56) Ethyl methacrylate	10.43	69	469382	47.15	ug/l	98
57) 1,3-Dichloropropane	10.71	76	580541	49.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1184899	299.20	ug/l	99
59) 2-Hexanone	10.75	43	1288591	289.01	ug/l	99
60) Dibromochloromethane	10.90	129	400260	49.10	ug/l	99
61) 1,2-Dibromoethane	11.01	107	350839	50.51	ug/l	99
64) Tetrachloroethene	10.63	164	351405	47.86	ug/l	99
65) Chlorobenzene	11.44	112	978933	47.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	379615	47.74	ug/l	99
67) Ethyl Benzene	11.51	91	1689914	50.75	ug/l	100
68) m/p-Xylenes	11.62	106	1309623	103.89	ug/l	98
69) o-Xylene	11.95	106	618998	51.13	ug/l	98
70) Styrene	11.97	104	1059206	54.01	ug/l	100
71) Bromoform	12.13	173	294509	51.78	ug/l #	99
73) Isopropylbenzene	12.25	105	1672691	48.63	ug/l	100
74) N-amyl acetate	12.07	43	542931	51.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	480432	46.62	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	587993	69.22	ug/l #	100
77) Bromobenzene	12.53	156	441898	46.52	ug/l	97
78) n-propylbenzene	12.59	91	1941264	49.64	ug/l	100
79) 2-Chlorotoluene	12.68	91	1150198	47.90	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1392154	50.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	137207	50.51	ug/l	100
82) 4-Chlorotoluene	12.77	91	1184825	49.19	ug/l	100
83) tert-Butylbenzene	12.99	119	1194178	49.32	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1431551	51.26	ug/l	100
85) sec-Butylbenzene	13.17	105	1601621	50.06	ug/l	100
86) p-Isopropyltoluene	13.29	119	1403222	51.44	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	780731	47.18	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	761056	45.87	ug/l	99
89) n-Butylbenzene	13.62	91	1144380	50.81	ug/l	100
90) Hexachloroethane	13.88	117	265038	43.29	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	776875	47.75	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	79858	50.15	ug/l	98

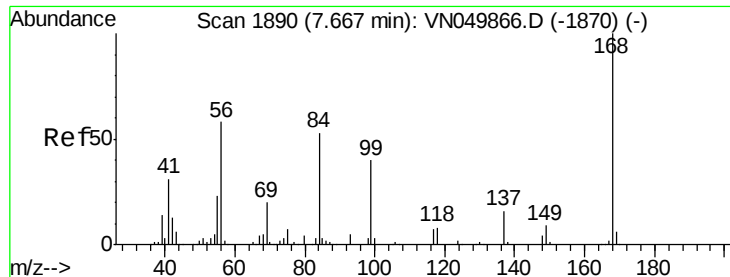
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	401324	45.10	ug/l	99
94) Hexachlorobutadiene	15.01	225	233815	43.85	ug/l	100
95) Naphthalene	15.14	128	949384	44.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	403572	51.70	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

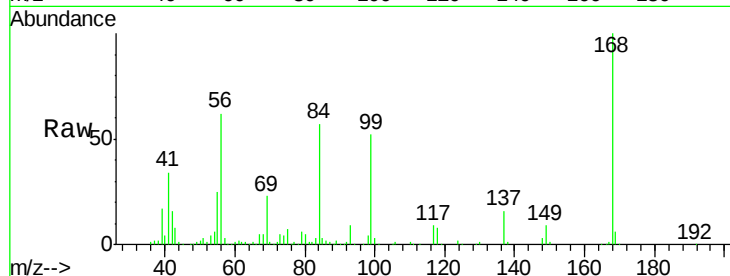
ClientSampleId :

Tot Ion:168 Resp: 607569

Ion Ratio Lower Upper

168 100

99 51.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

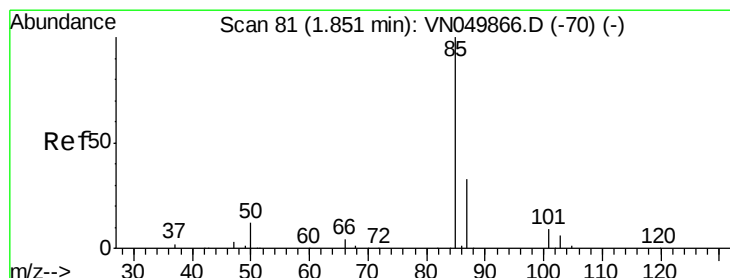
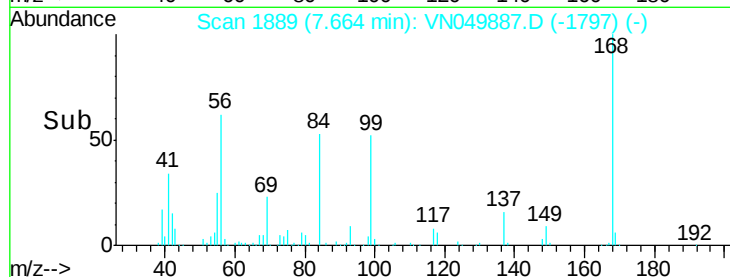
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.60 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049887.D

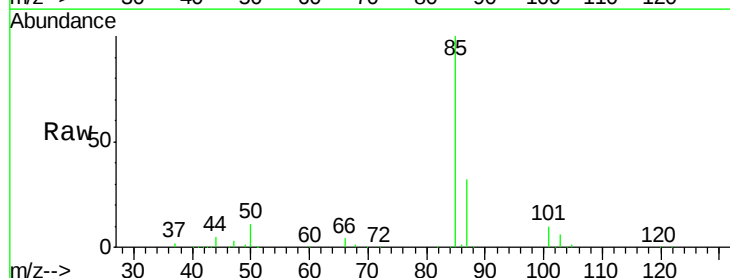
Acq: 18 Jul 2018 21:57

Tgt Ion: 85 Resp: 264307

Ion Ratio Lower Upper

85 100

87 32.5 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

200000

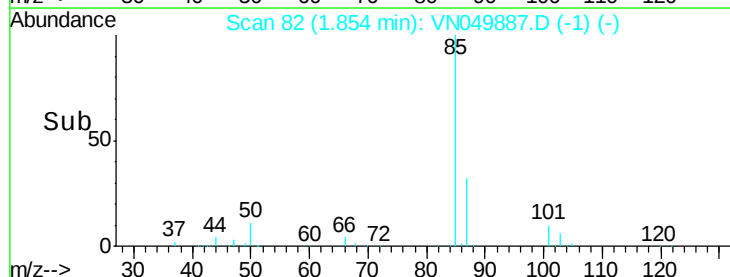
150000

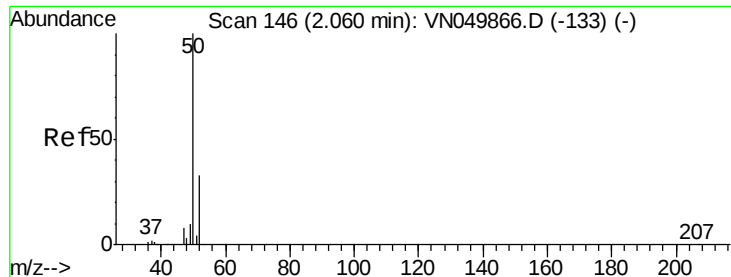
100000

50000

0

Time-->





#3

Chloromethane

Concen: 42.33 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

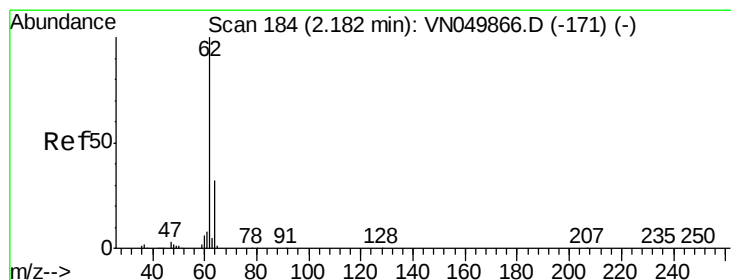
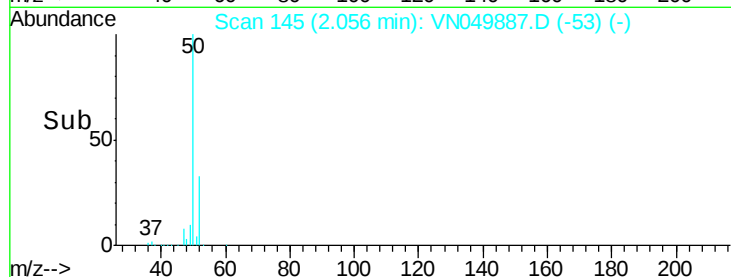
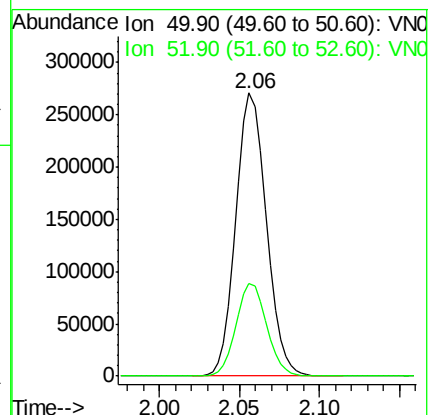
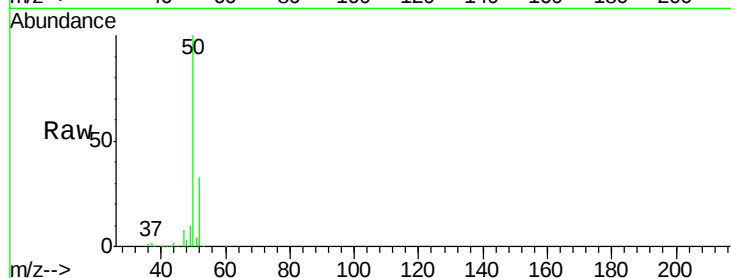
ClientSampleId :

Tot Ion: 50 Resp: 351030

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 43.75 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN049887.D

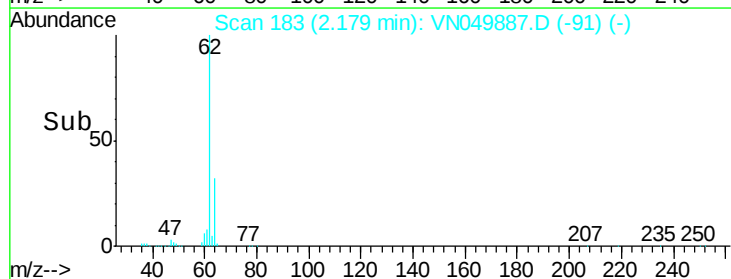
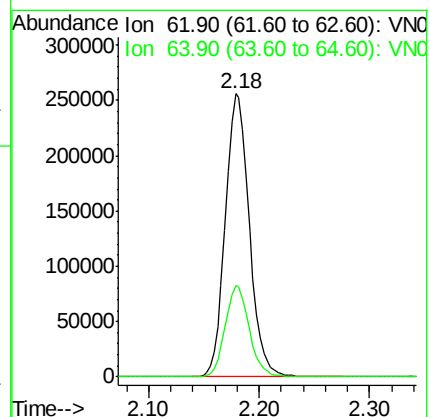
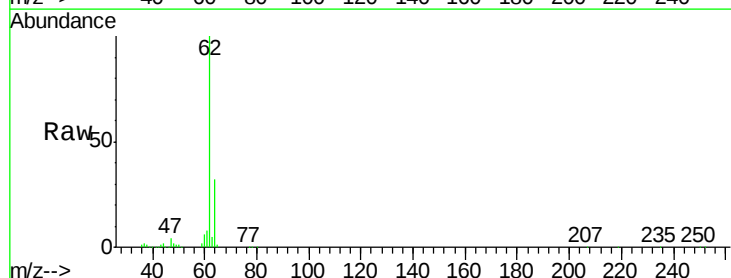
Acq: 18 Jul 2018 21:57

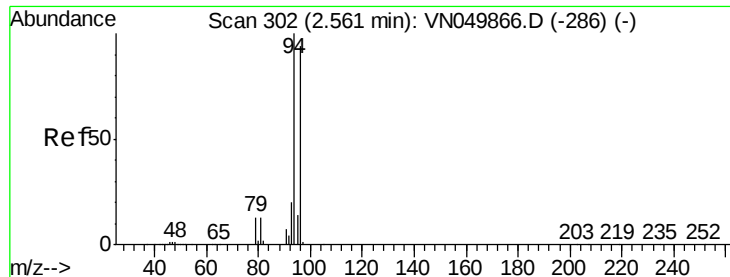
Tgt Ion: 62 Resp: 387006

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 47.26 ug/l

RT: 2.55 min Scan# 300

Delta R.T. -0.01 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

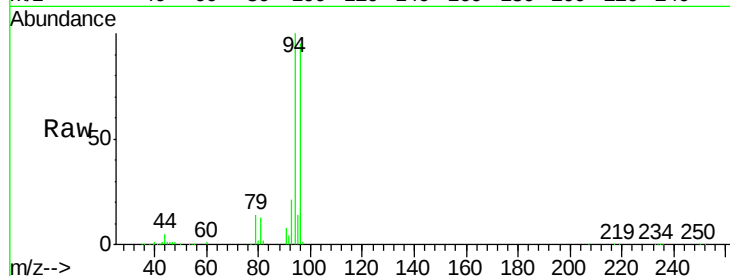
ClientSampleId :

Tot Ion: 94 Resp: 234227

Ion Ratio Lower Upper

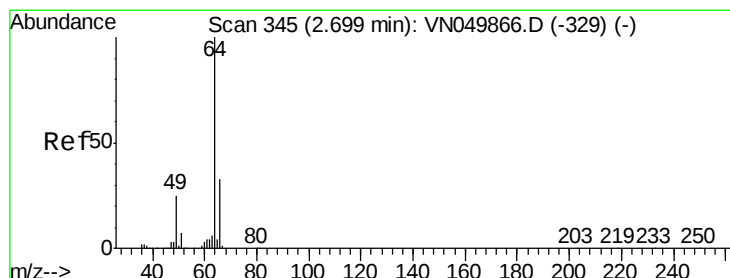
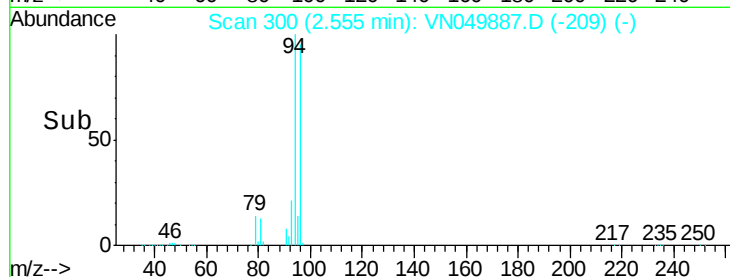
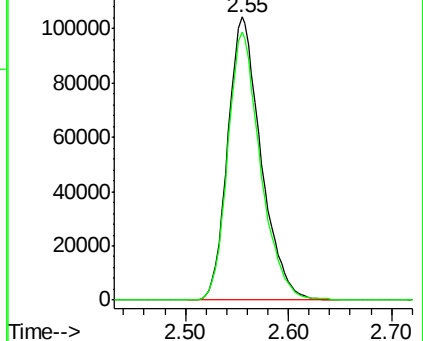
94 100

96 94.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN049887.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN049887.D (-209) (-)



#6

Chloroethane

Concen: 43.31 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VN049887.D

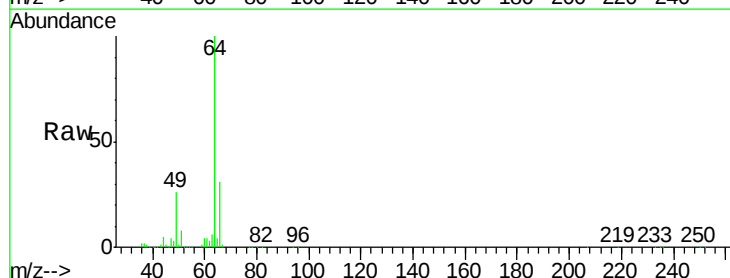
Acq: 18 Jul 2018 21:57

Tgt Ion: 64 Resp: 250178

Ion Ratio Lower Upper

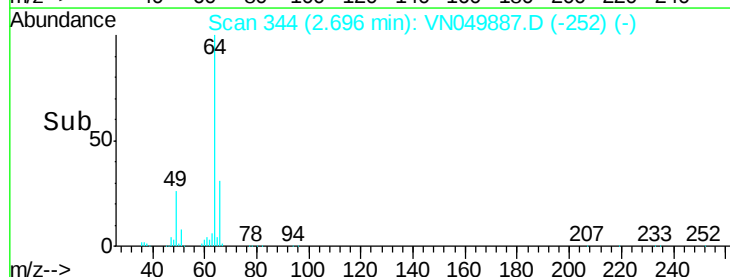
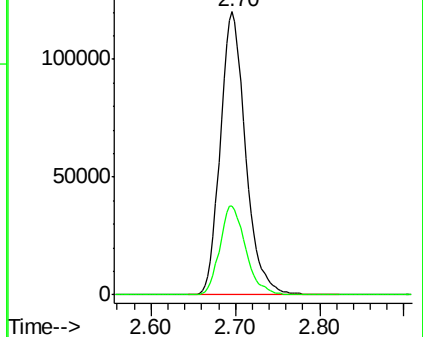
64 100

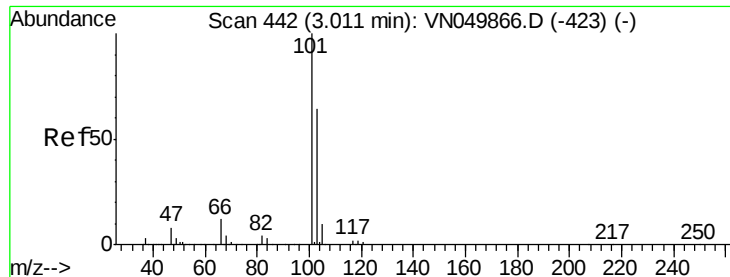
66 31.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049887.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN049887.D (-252) (-)



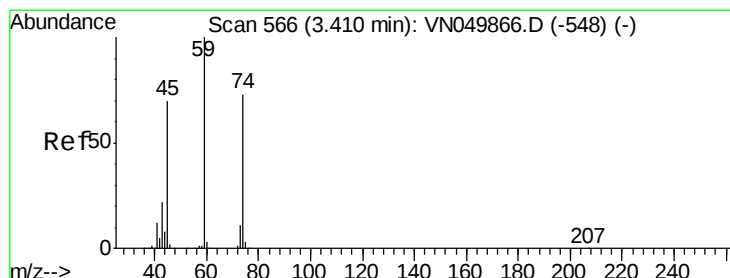
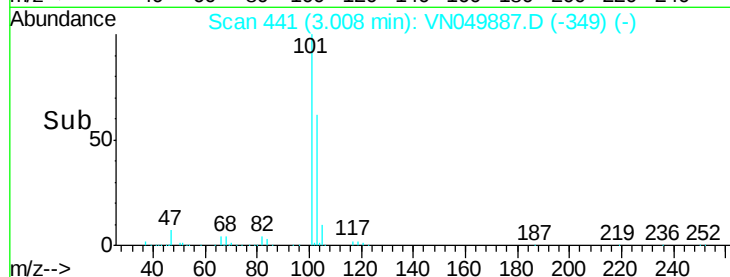
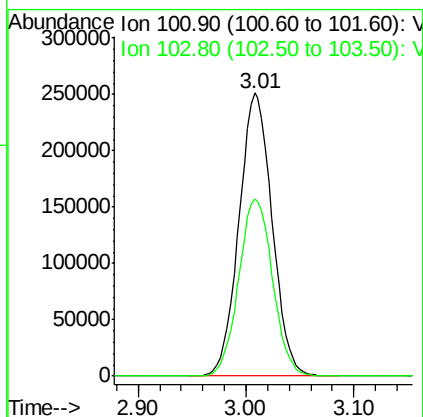
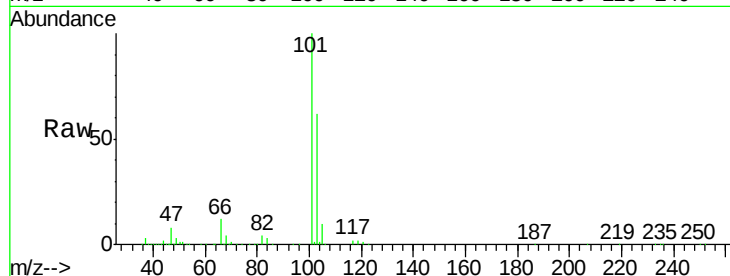


#7

Trichlorofluoromethane
Concen: 44.13 ug/l
RT: 3.01 min Scan# 441
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampled :

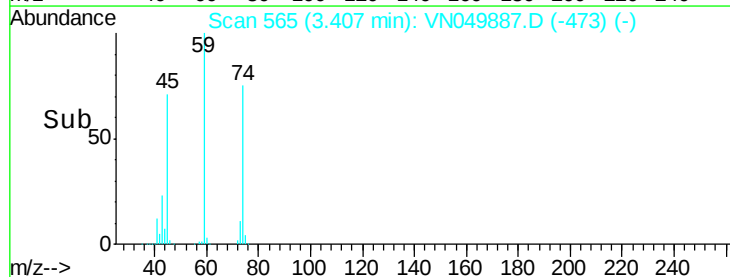
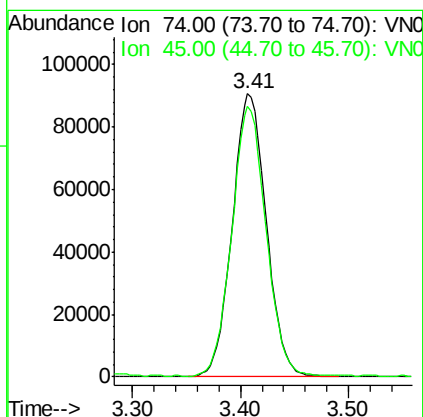
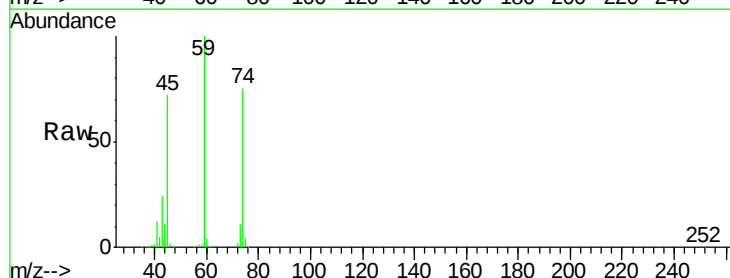
Tot Ion:101 Resp: 536574
Ion Ratio Lower Upper
101 100
103 62.5 52.8 79.2

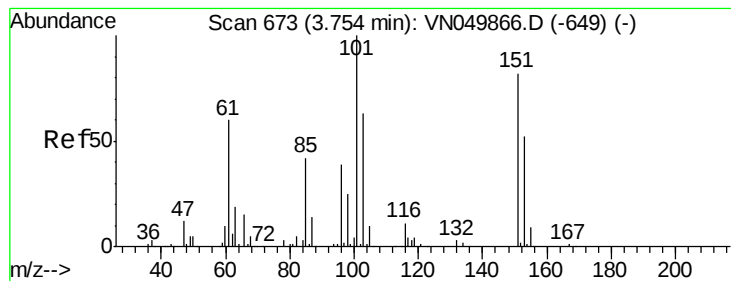


#8

Diethyl Ether
Concen: 46.99 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 74 Resp: 199342
Ion Ratio Lower Upper
74 100
45 95.6 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.68 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampled :

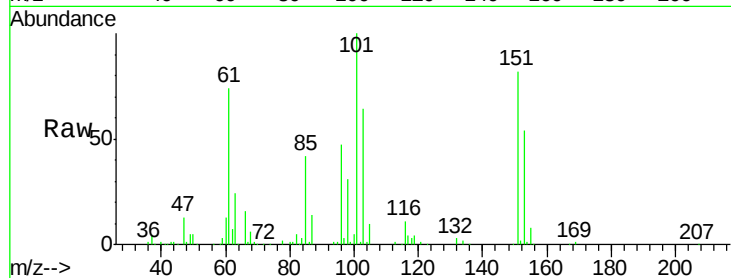
Tot Ion:101 Resp: 327520

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

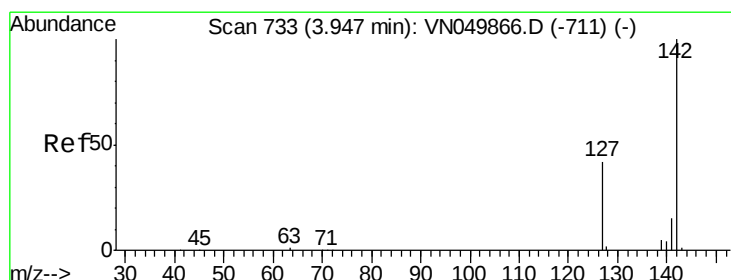
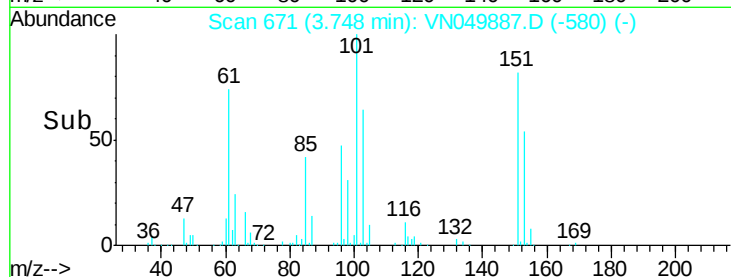
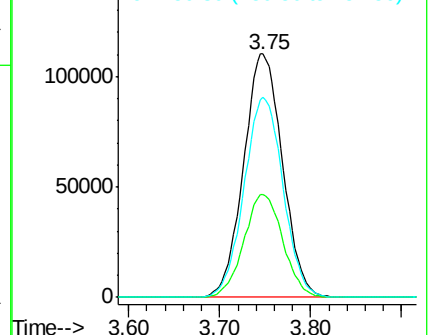
151 82.4 66.2 99.4



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: 46.50 ug/l

RT: 3.94 min Scan# 732

Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

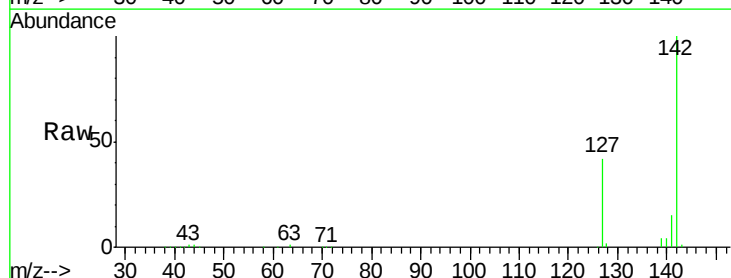
Tgt Ion:142 Resp: 467742

Ion Ratio Lower Upper

142 100

127 42.4 32.5 48.7

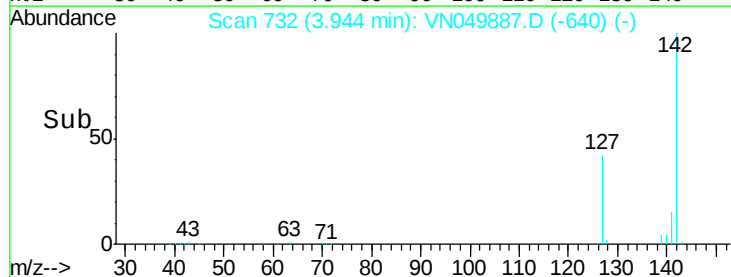
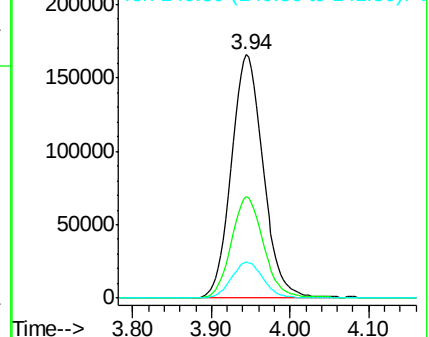
141 14.8 11.1 16.7

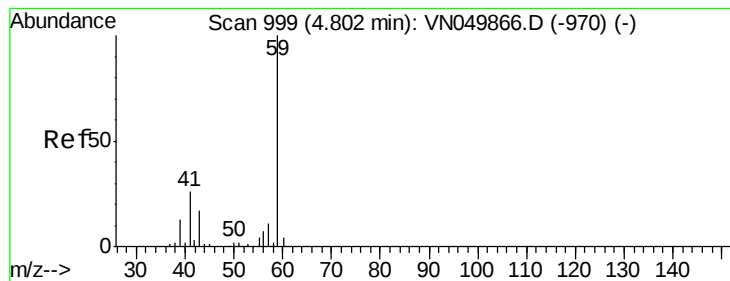


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



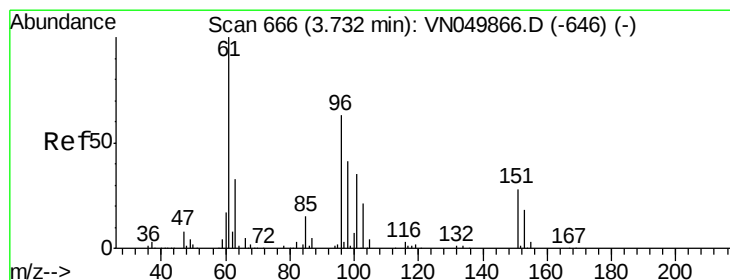
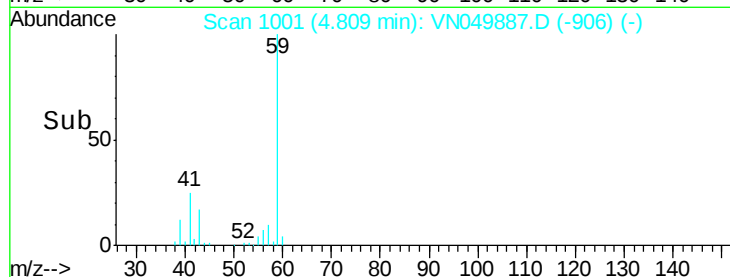
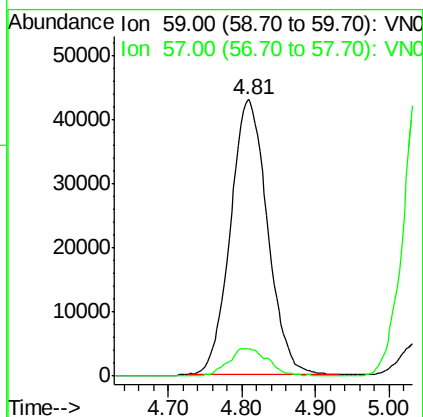
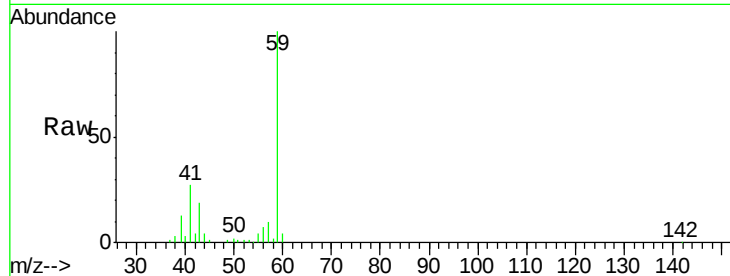


#11

Tert butyl alcohol
 Concen: 253.19 ug/l
 RT: 4.81 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampleId :

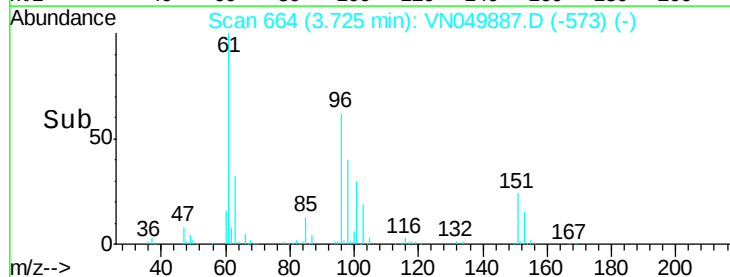
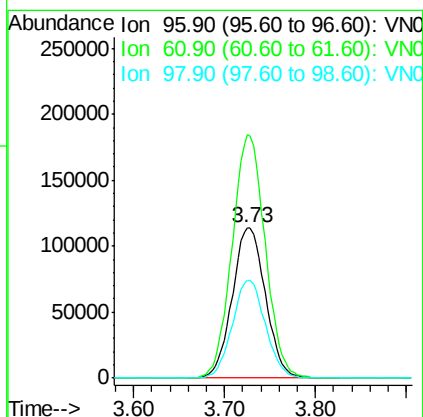
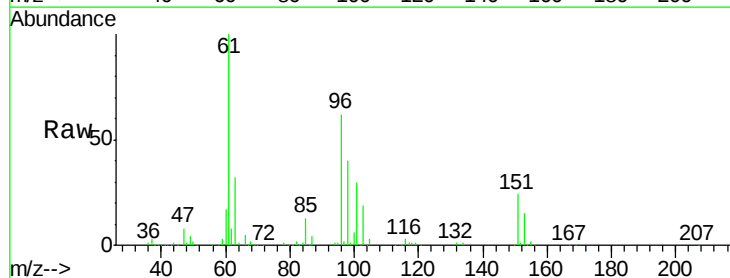
Tot Ion: 59 Resp: 150628
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

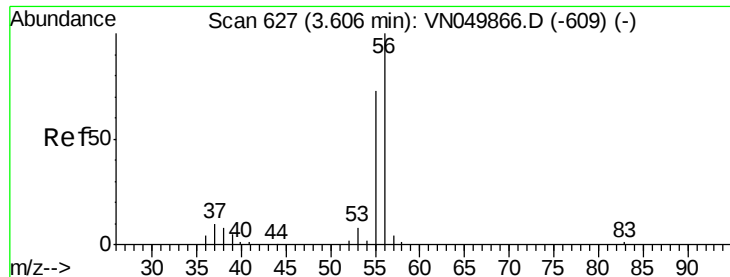


#12

1,1-Dichloroethene
 Concen: 43.83 ug/l
 RT: 3.73 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion: 96 Resp: 288700
 Ion Ratio Lower Upper
 96 100
 61 161.7 126.5 189.7
 98 64.9 51.0 76.6





#13

Acrolein

Concen: 223.79 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

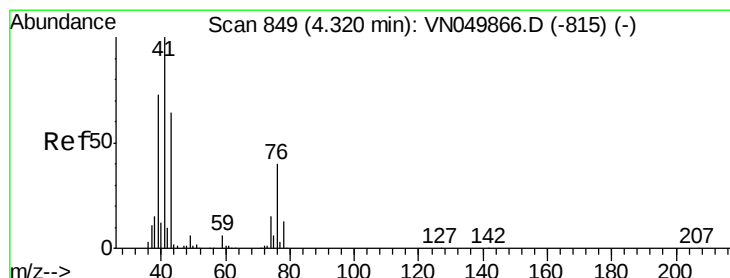
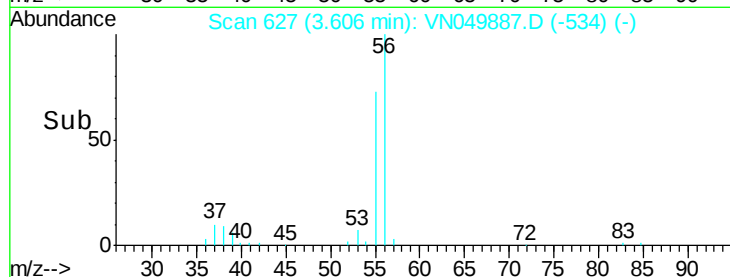
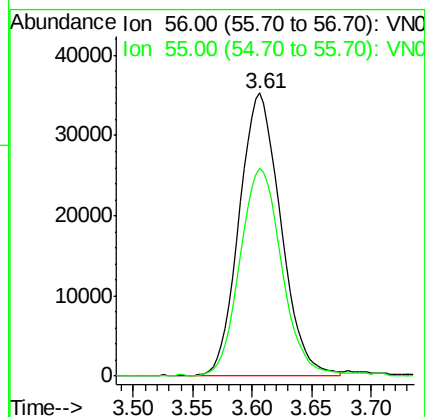
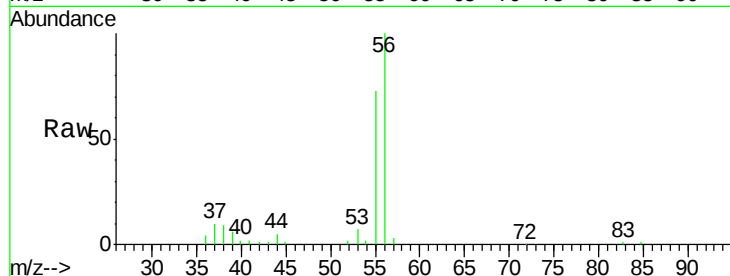
ClientSampled :

Tot Ion: 56 Resp: 85791

Ion Ratio Lower Upper

56 100

55 73.8 55.8 83.8



#14

Allyl chloride

Concen: 45.77 ug/l

RT: 4.32 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

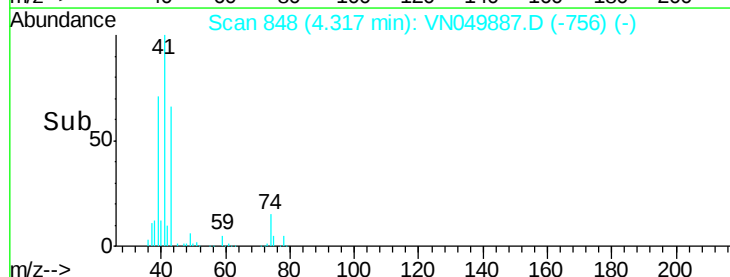
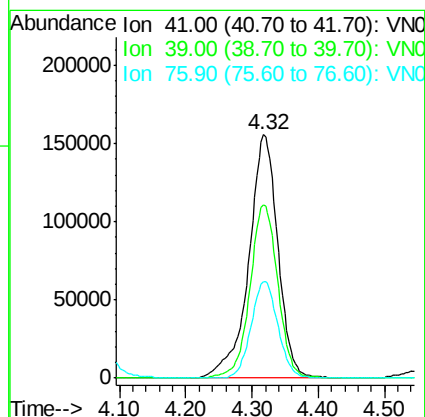
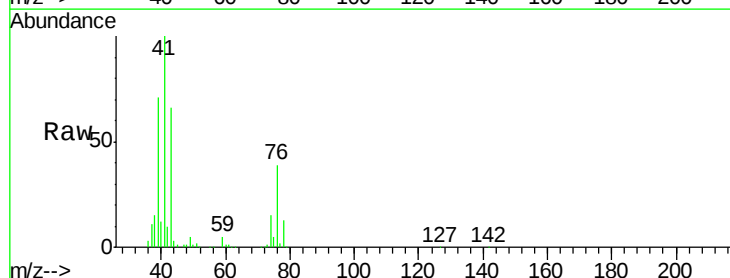
Tgt Ion: 41 Resp: 475243

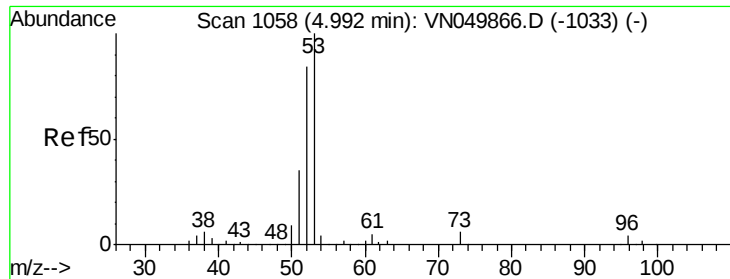
Ion Ratio Lower Upper

41 100

39 67.5 53.2 79.8

76 36.1 29.0 43.6





#15

Acrylonitrile

Concen: 257.79 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampled :

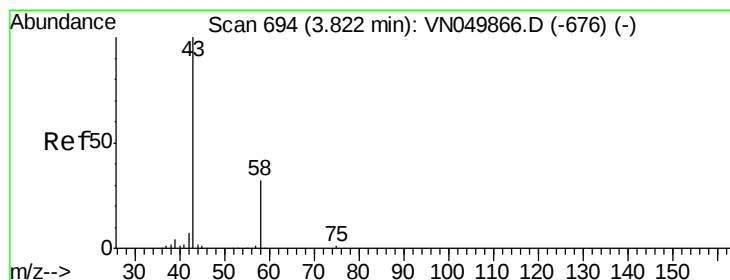
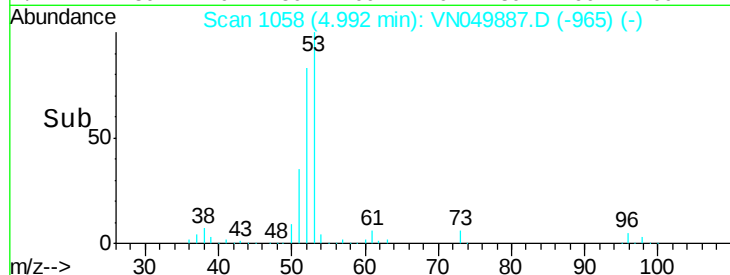
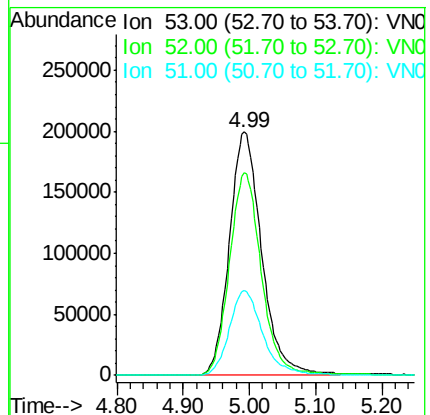
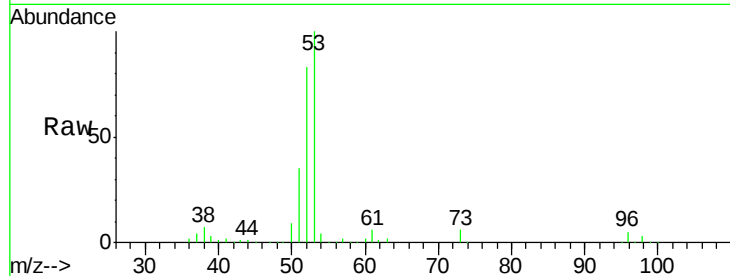
Tot Ion: 53 Resp: 674480

Ion Ratio Lower Upper

53 100

52 81.9 64.8 97.2

51 36.2 28.9 43.3



#16

Acetone

Concen: 247.03 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049887.D

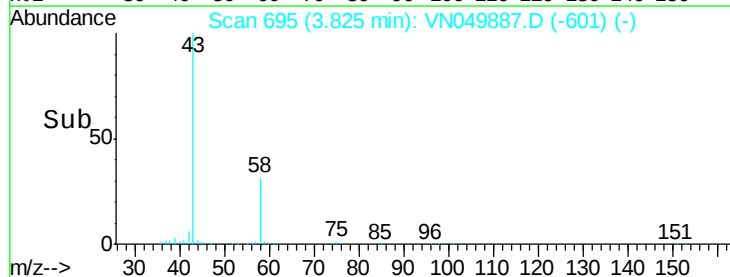
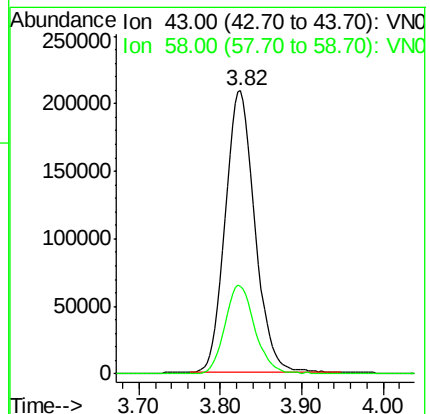
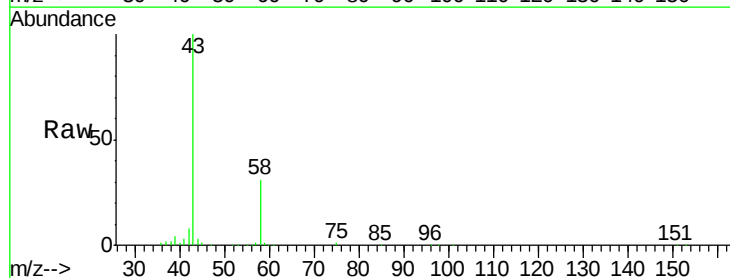
Acq: 18 Jul 2018 21:57

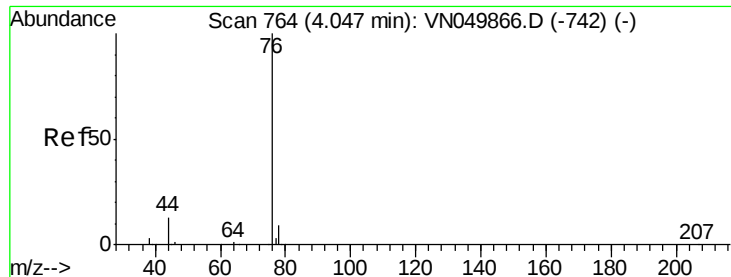
Tgt Ion: 43 Resp: 534102

Ion Ratio Lower Upper

43 100

58 30.9 25.9 38.9





#17

Carbon Disulfide

Concen: 42.25 ug/l

RT: 4.04 min Scan# 763

Delta R.T. -0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

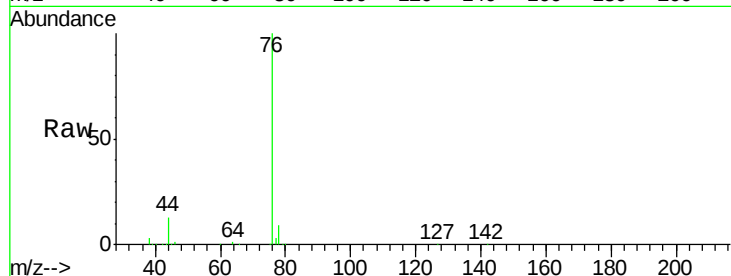
ClientSampleId :

Tot Ion: 76 Resp: 832656

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN049887.D (-671) (-)

Ion 77.90 (77.60 to 78.60): VN049887.D (-671) (-)

4.04

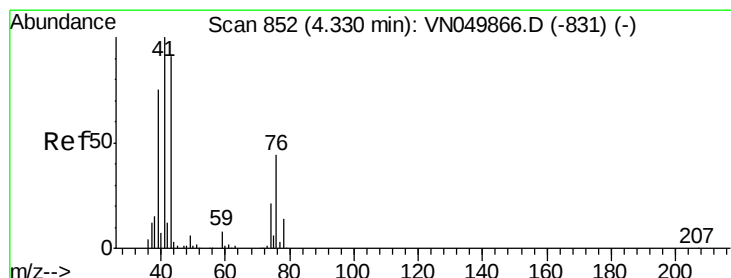
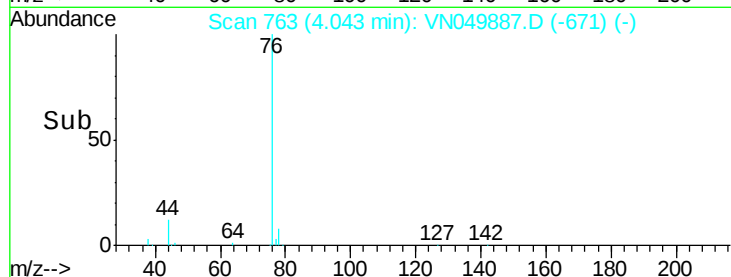
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 54.80 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049887.D

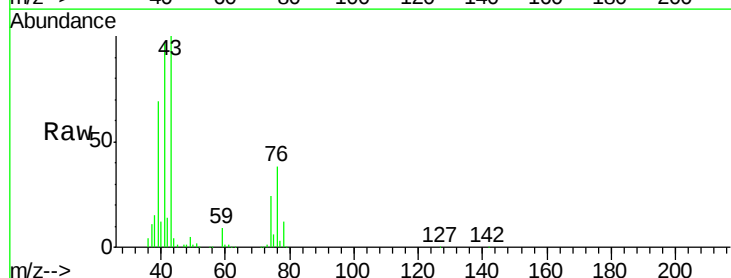
Acq: 18 Jul 2018 21:57

Tgt Ion: 43 Resp: 371792

Ion Ratio Lower Upper

43 100

74 23.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049887.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN049887.D (-759) (-)

4.33

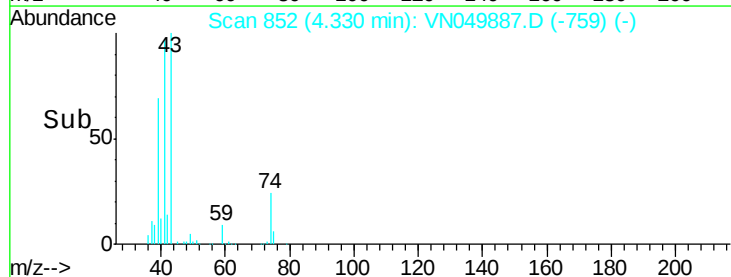
150000

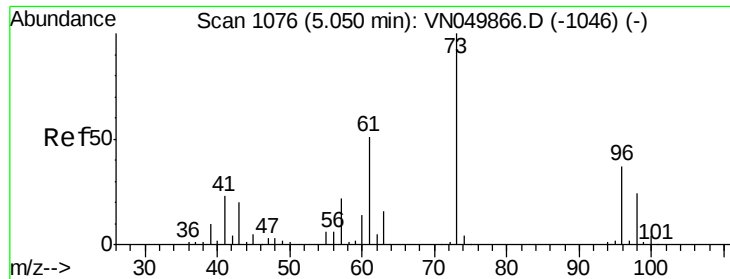
100000

50000

0

Time-->

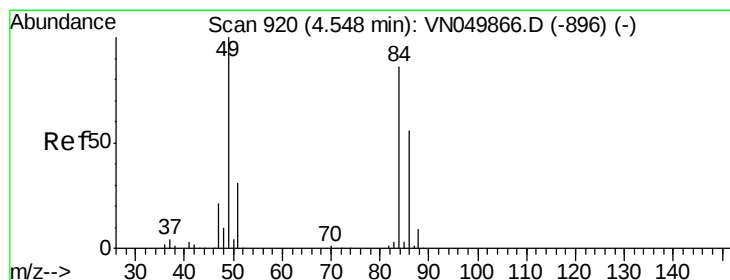
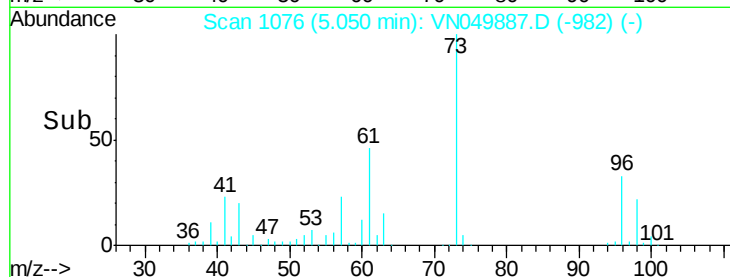
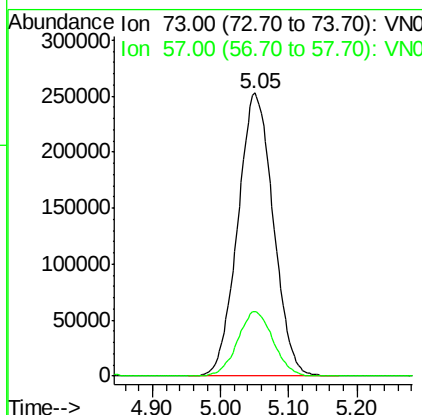
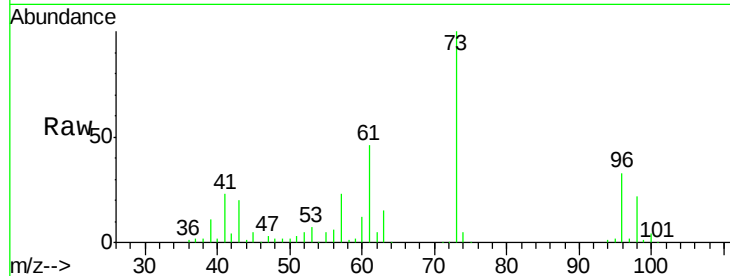




#19
Methvl tert-butvl Ether
Concen: 50.47 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

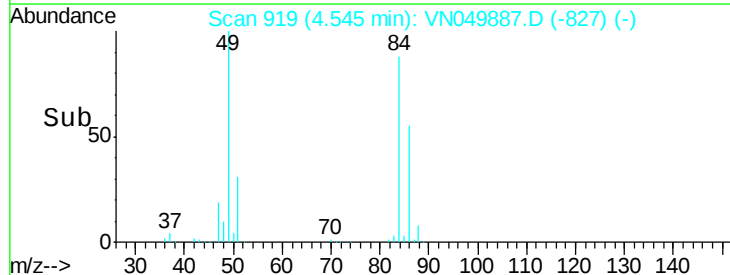
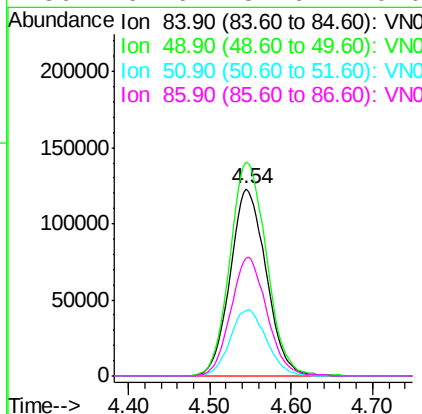
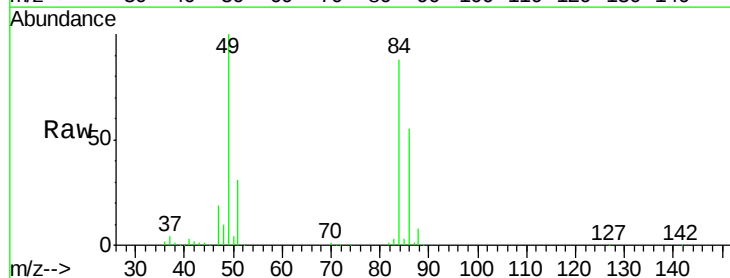
Instrument :
MSVOA_N
ClientSampled :

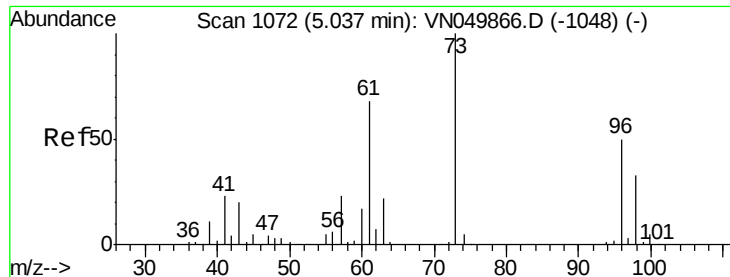
Tot Ion: 73 Resp: 914652
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1



#20
Methylene Chloride
Concen: 45.94 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 84 Resp: 377763
Ion Ratio Lower Upper
84 100
49 113.9 95.4 143.2
51 35.0 28.4 42.6
86 62.6 52.6 79.0

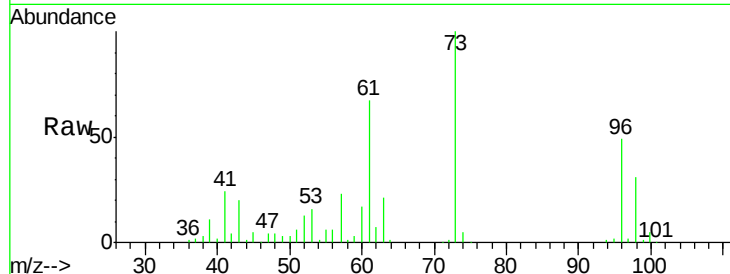




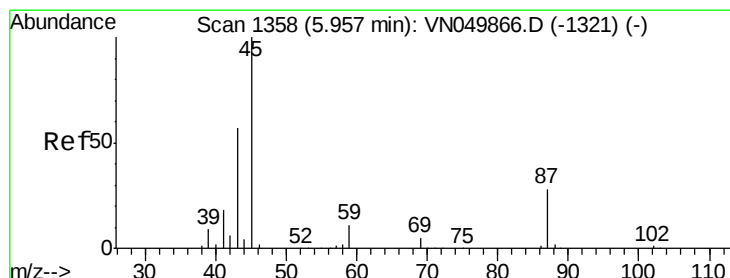
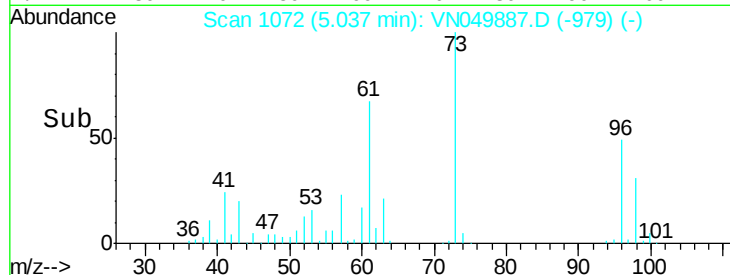
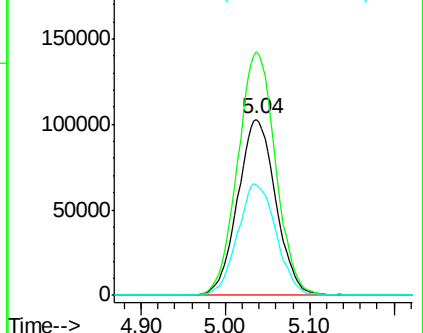
#21
trans-1,2-Dichloroethene
Concen: 46.16 ug/l
RT: 5.04 min Scan# 1072
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 322835
Ion Ratio Lower Upper
96 100
61 138.1 109.0 163.6
98 62.9 51.1 76.7

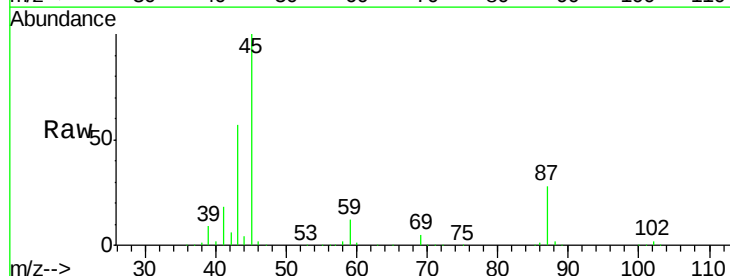


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

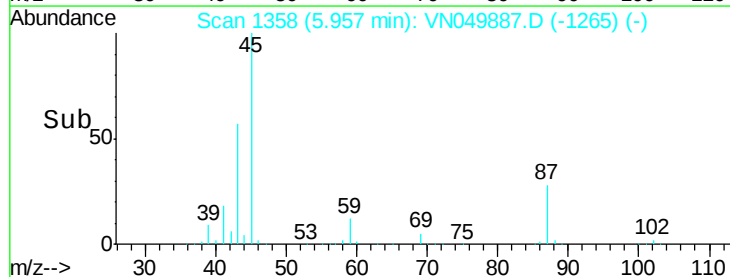
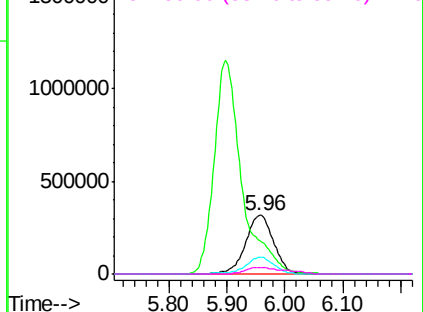


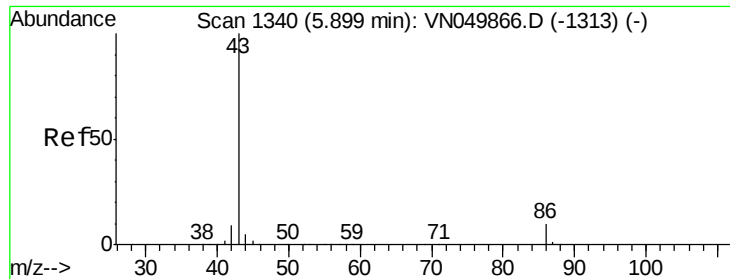
#22
Diisopropyl ether
Concen: 50.61 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 45 Resp: 1072425
Ion Ratio Lower Upper
45 100
43 56.5 48.1 72.1
87 28.0 22.6 34.0
59 11.5 9.2 13.8



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

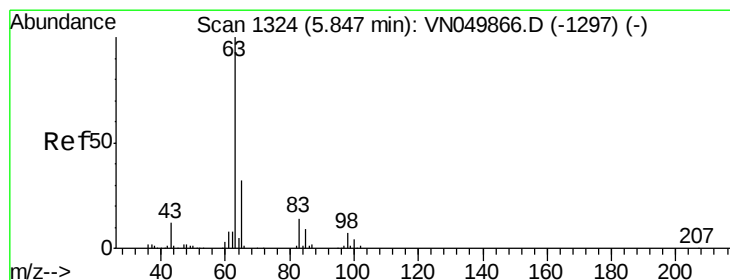
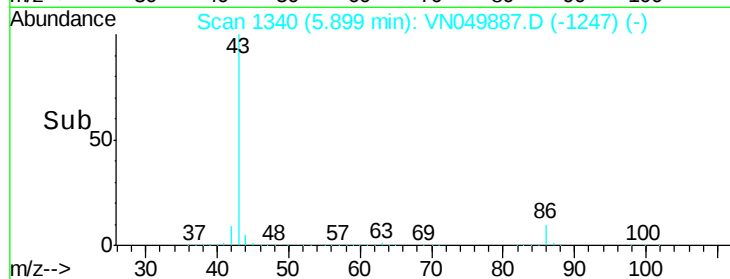
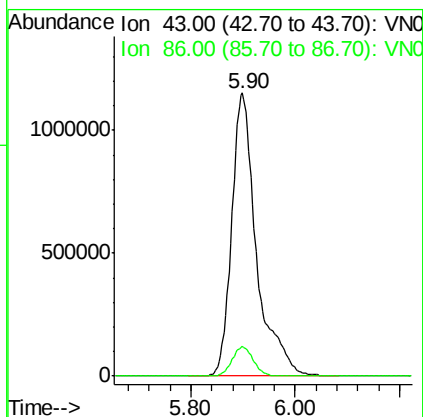
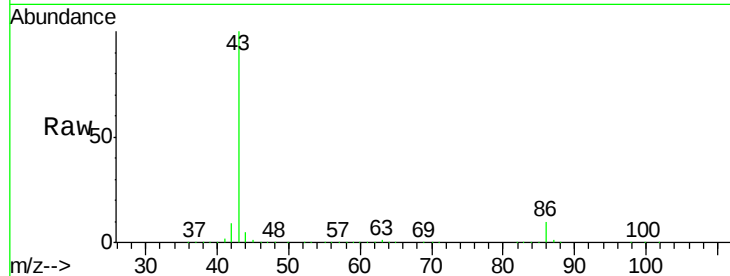




#23
 Vinyl Acetate
 Concen: 256.66 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

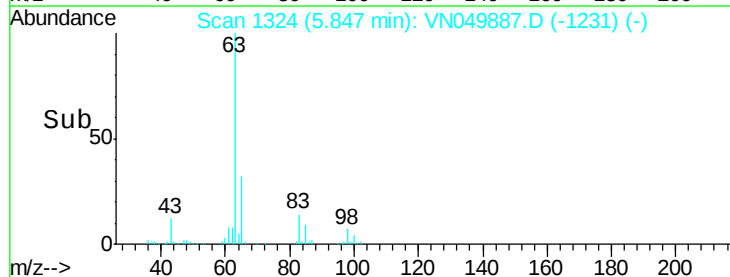
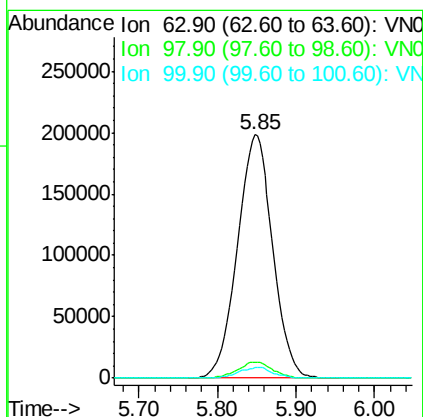
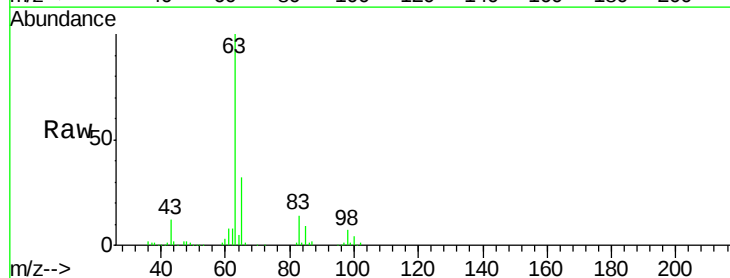
Instrument :
 MSVOA_N
 ClientSampled :

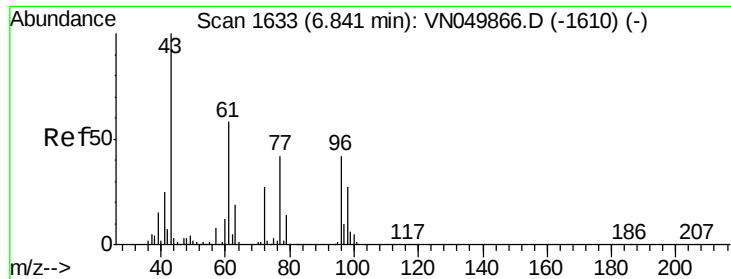
Tot Ion: 43 Resp: 3815775
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 45.80 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion: 63 Resp: 622967
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 266.60 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

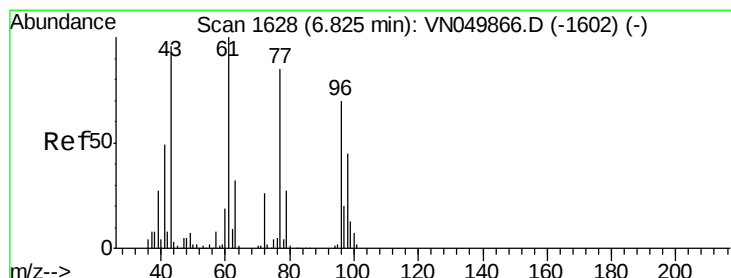
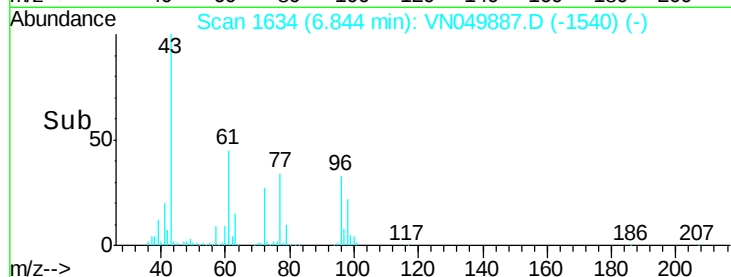
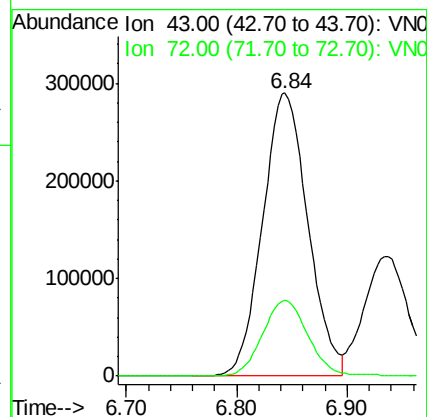
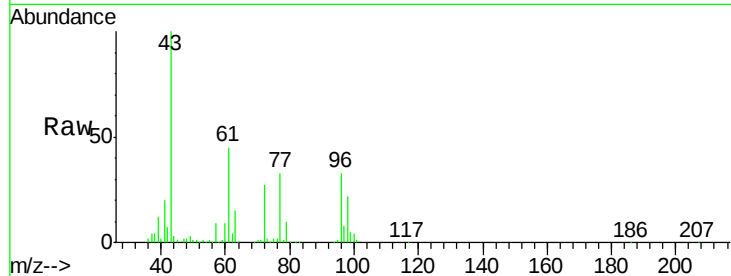
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 823795

Ion Ratio Lower Upper

43 100

72 27.1 22.1 33.1



#26

2,2-Dichloropropane

Concen: 43.91 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049887.D

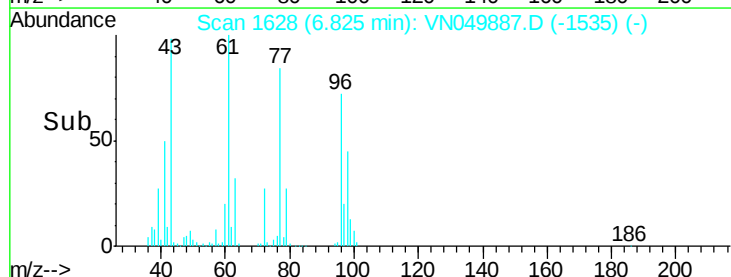
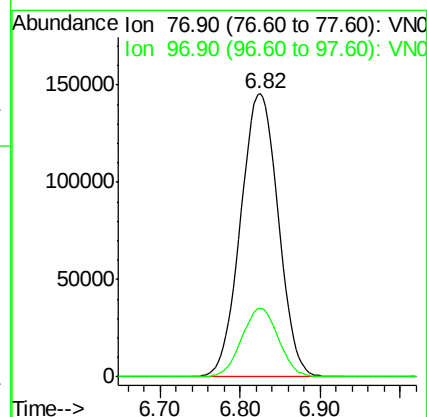
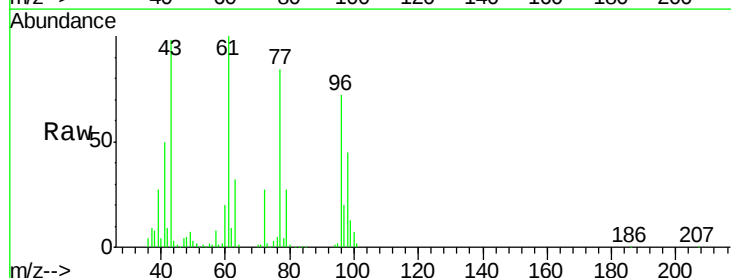
Acq: 18 Jul 2018 21:57

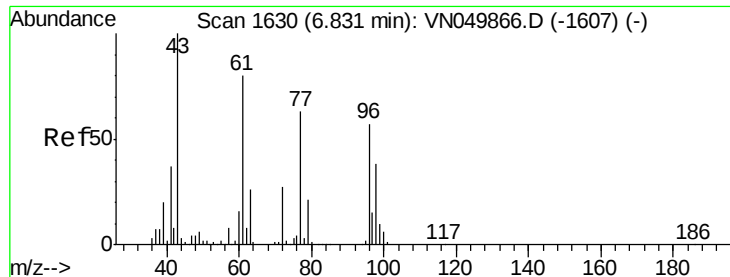
Tgt Ion: 77 Resp: 464800

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5

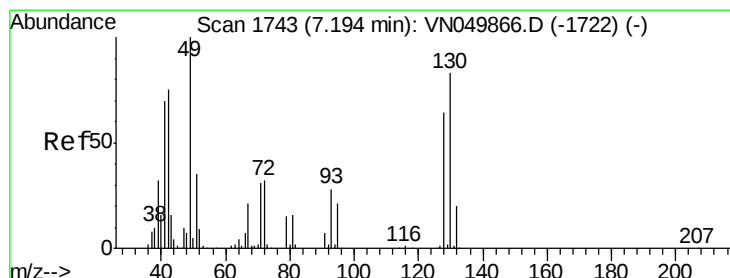
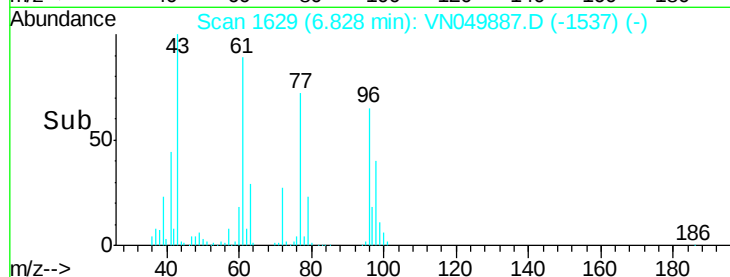
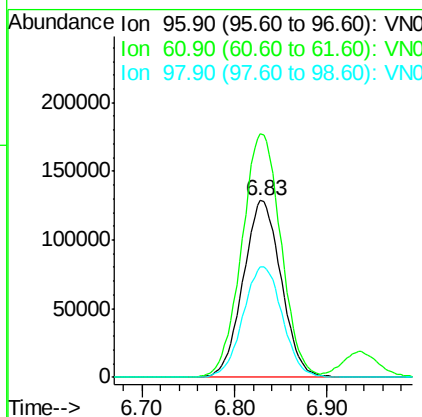
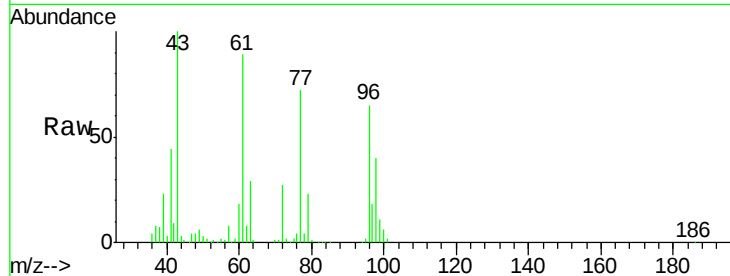




#27
 cis-1,2-Dichloroethene
 Concen: 47.83 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

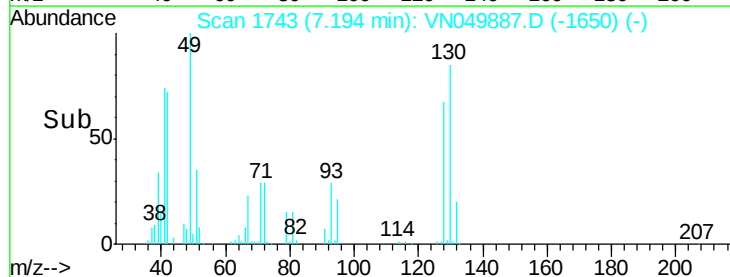
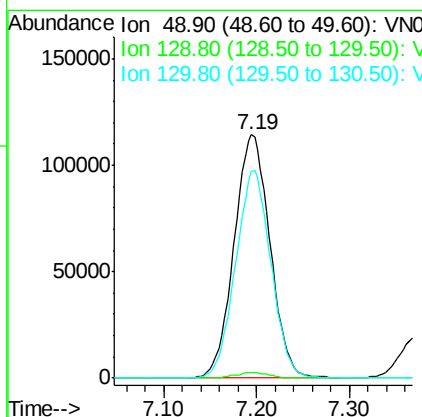
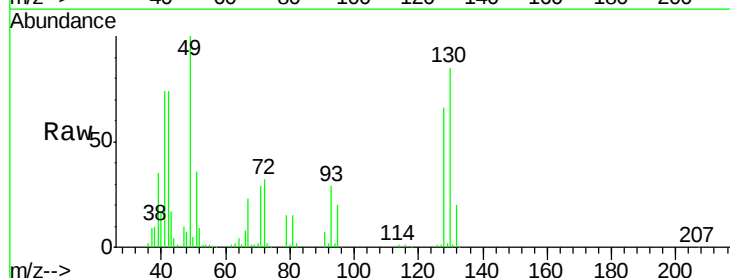
Instrument :
 MSVOA_N
 ClientSampleId :

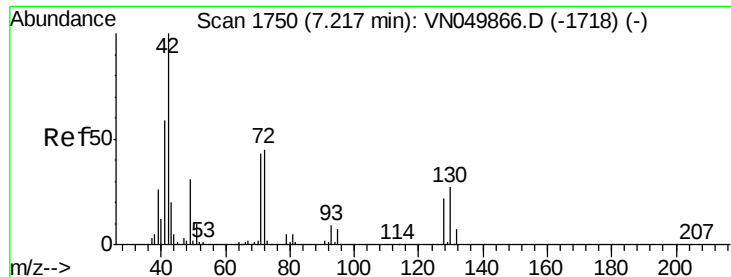
Tot Ion: 96 Resp: 367085
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 289.0
 98 64.8 0.0 130.2



#28
 Bromochloromethane
 Concen: 49.91 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion: 49 Resp: 306644
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 84.3 65.5 98.3

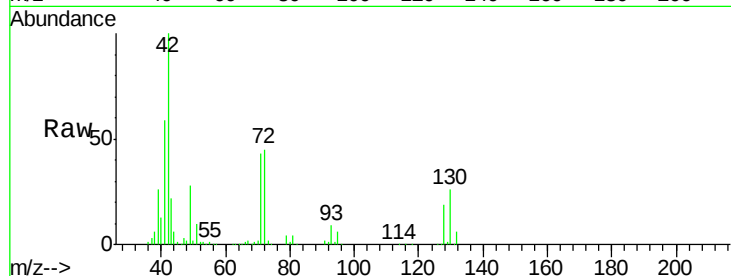




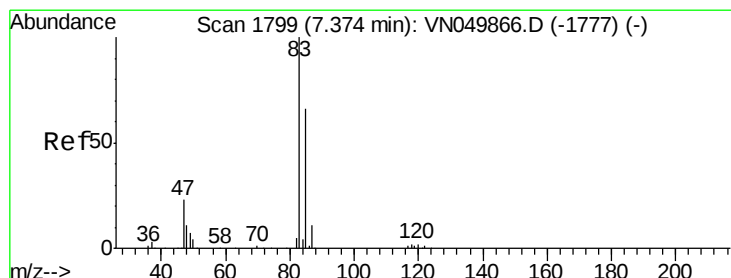
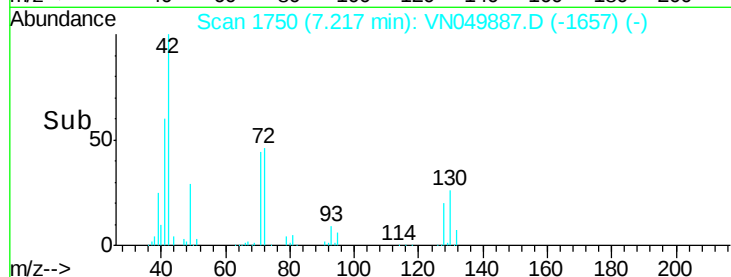
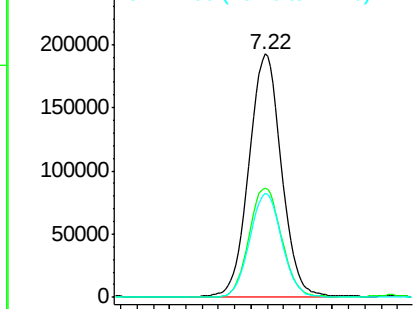
#29
Tetrahydrofuran
Concen: 271.93 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 529325
Ion Ratio Lower Upper
42 100
72 44.7 35.6 53.4
71 42.0 34.0 51.0

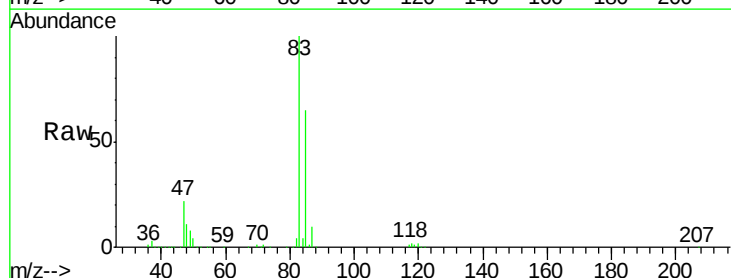


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

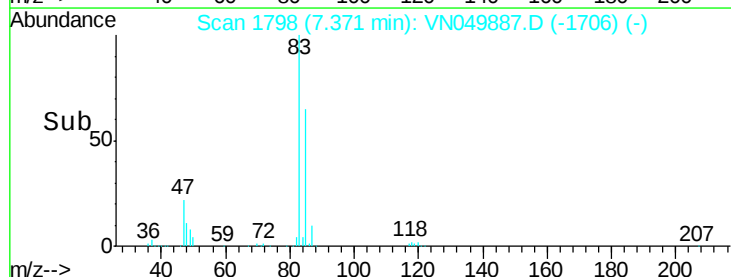
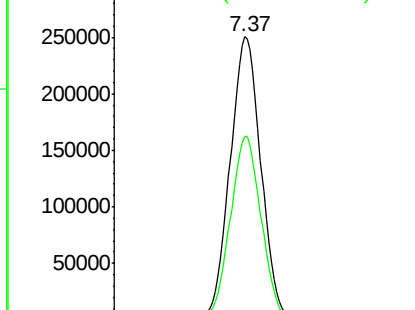


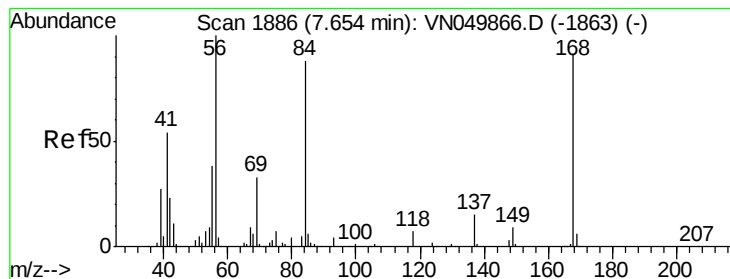
#30
Chloroform
Concen: 46.48 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 83 Resp: 649028
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.03 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampled :

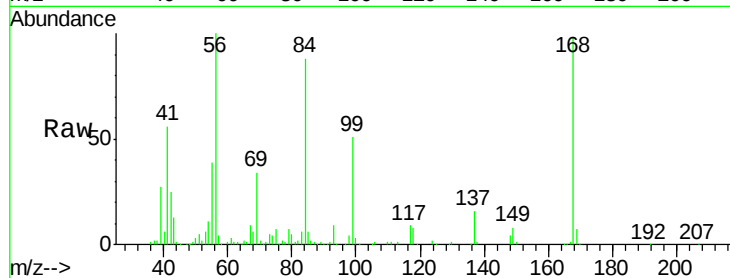
Tot Ion: 56 Resp: 509558

Ion Ratio Lower Upper

56 100

69 34.0 26.6 40.0

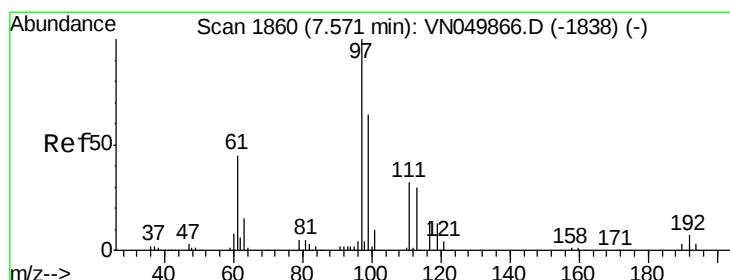
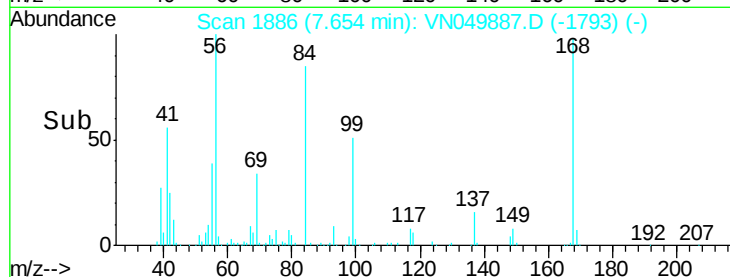
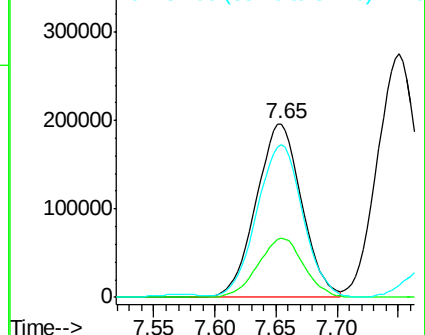
84 86.8 69.0 103.6



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

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

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



#32

1,1,1-Trichloroethane

Concen: 45.73 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

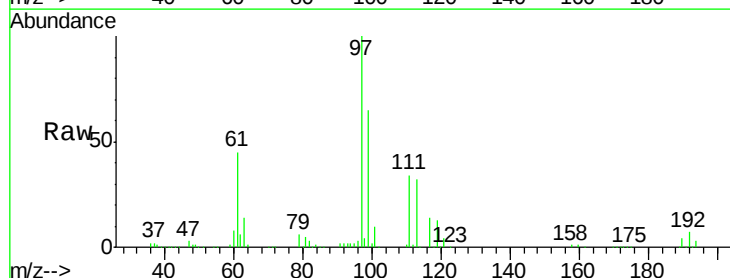
Tgt Ion: 97 Resp: 551933

Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

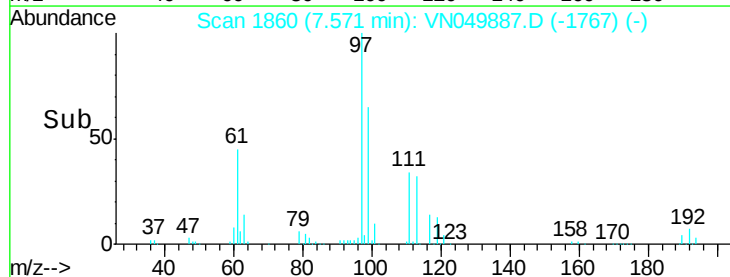
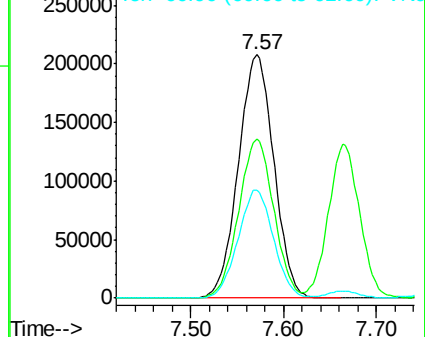
61 44.4 35.5 53.3

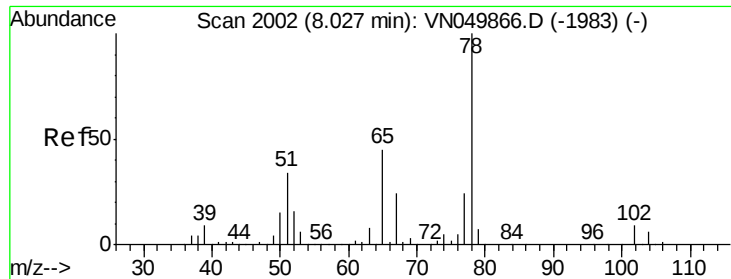


Abundance Ion 96.90 (96.60 to 97.60): VN049866.D (-1838) (-)

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

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





#33

1,2-Dichloroethane-d4

Concen: 49.45 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

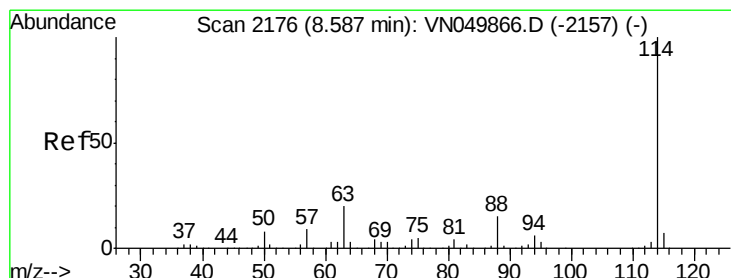
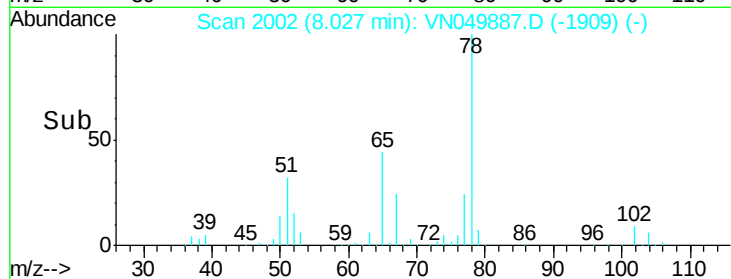
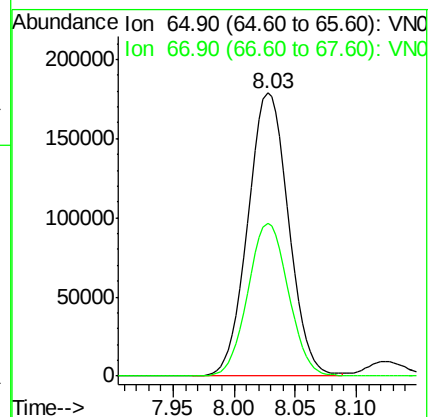
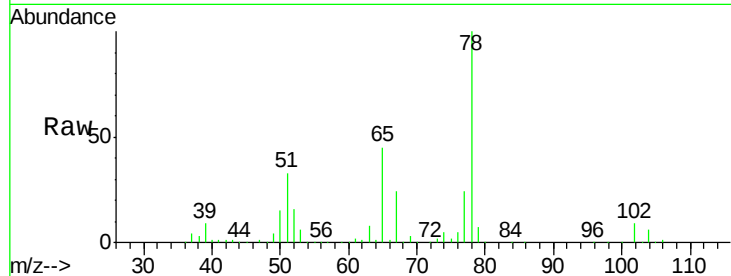
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 412956

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: VN049887.D

Acq: 18 Jul 2018 21:57

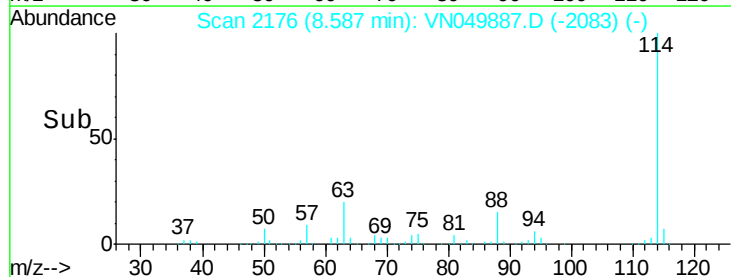
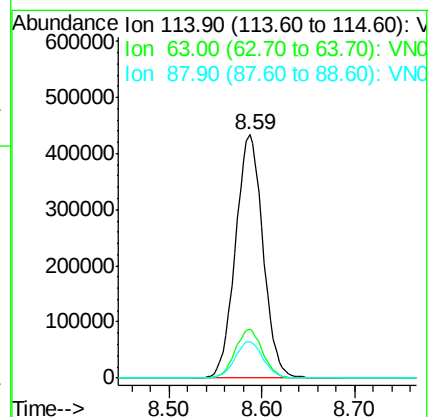
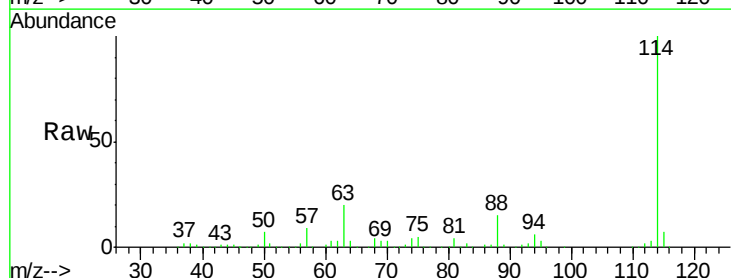
Tgt Ion: 114 Resp: 890206

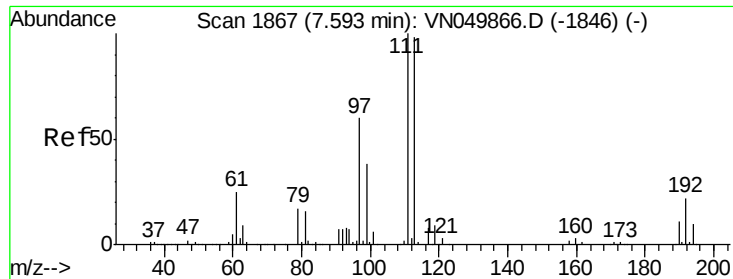
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 15.0 0.0 30.6

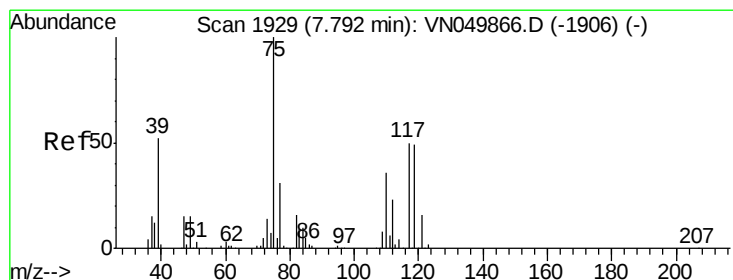
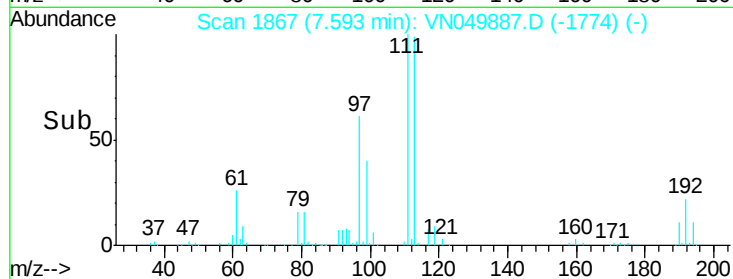
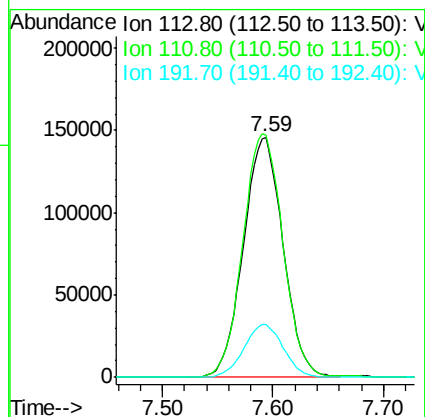
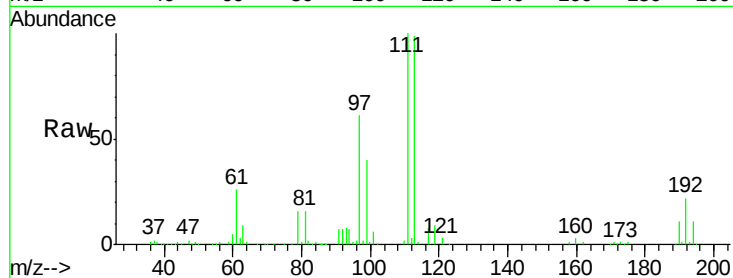




#35
Dibromofluoromethane
Concen: 48.71 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

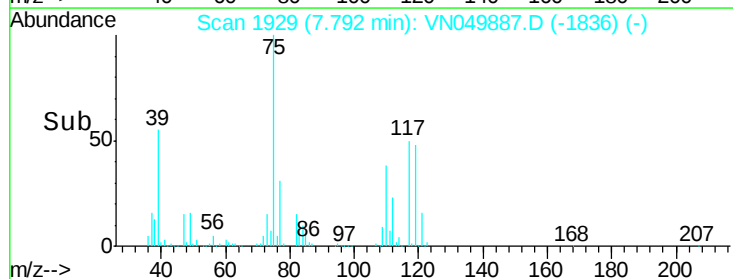
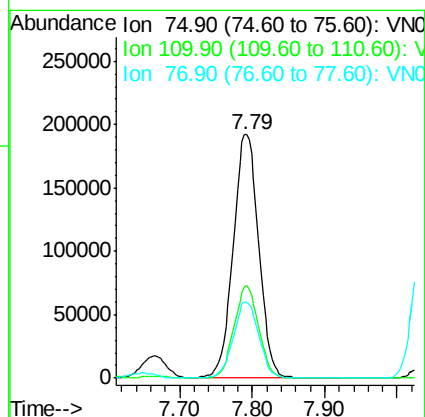
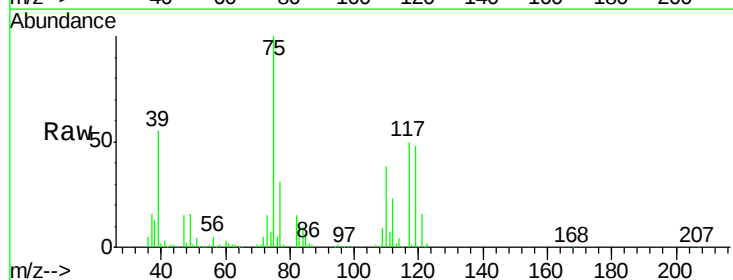
Instrument :
MSVOA_N
ClientSampleId :

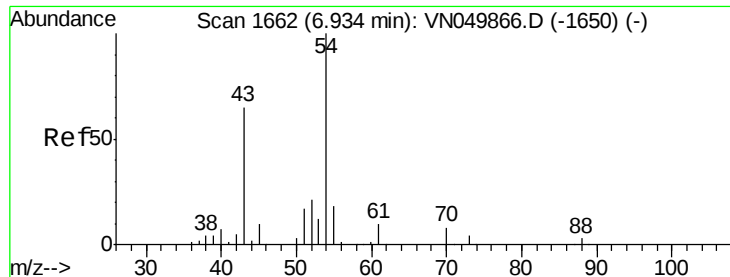
Tot Ion:113 Resp: 364024
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 22.0 17.8 26.6



#36
1,1-Dichloropropene
Concen: 47.42 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 75 Resp: 469334
Ion Ratio Lower Upper
75 100
110 36.7 18.1 54.4
77 31.5 24.9 37.3

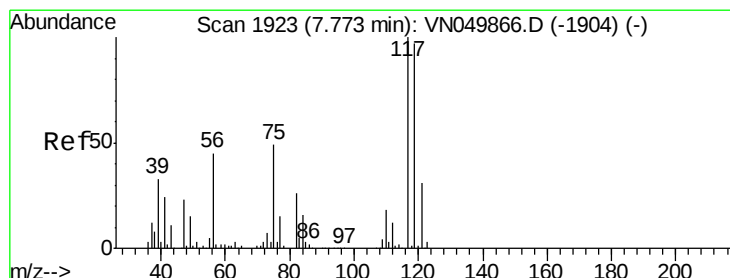
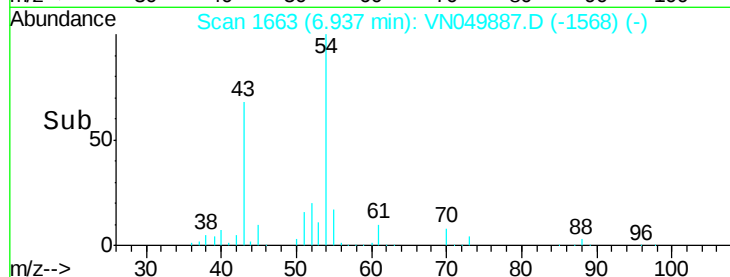
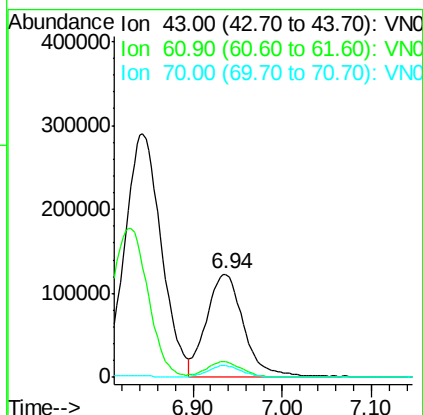
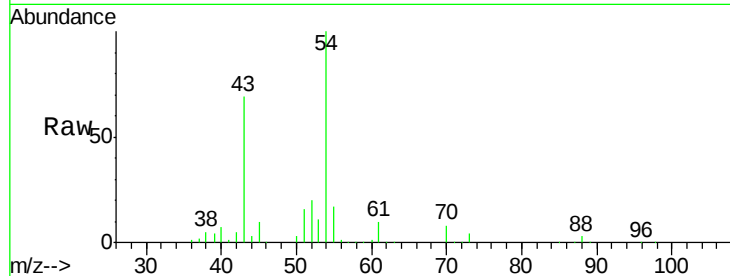




#37
Ethyl Acetate
Concen: 51.58 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

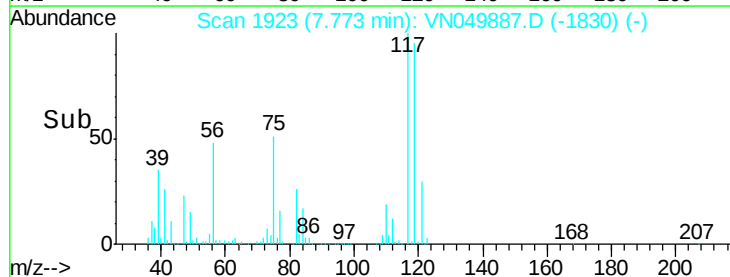
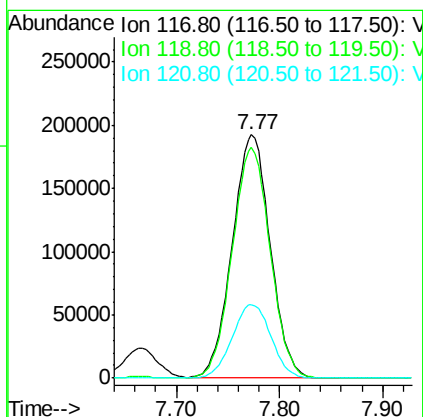
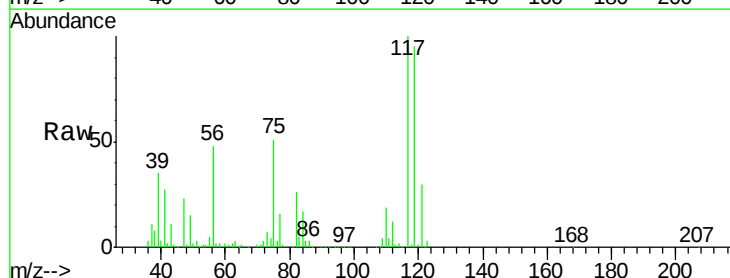
Instrument :
MSVOA_N
ClientSampleId :

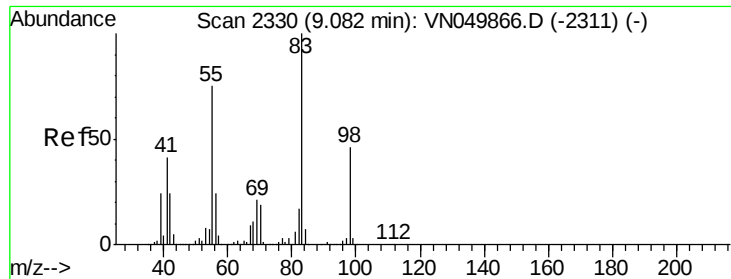
Tot Ion: 43 Resp: 350585
Ion Ratio Lower Upper
43 100
61 14.3 11.7 17.5
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.39 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 117 Resp: 491838
Ion Ratio Lower Upper
117 100
119 94.8 77.2 115.8
121 30.3 25.0 37.6

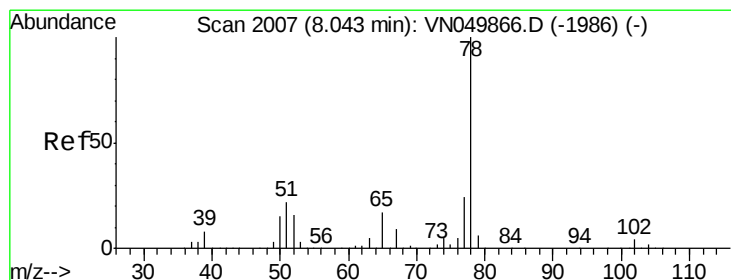
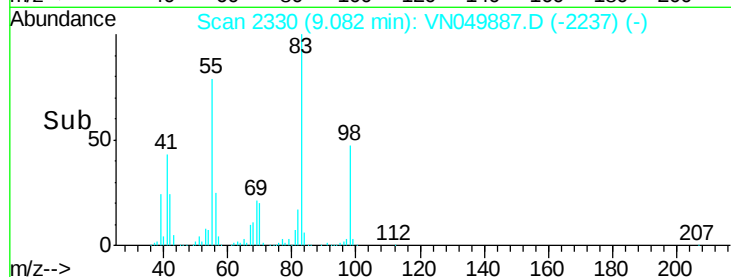
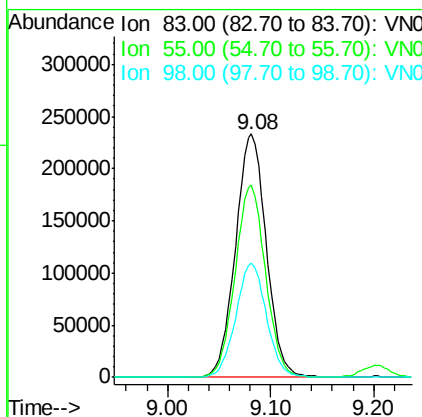
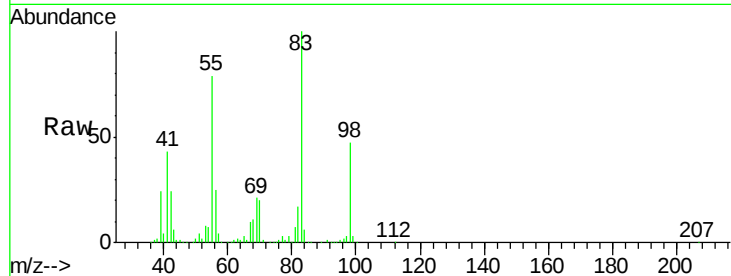




#39
Methvlcvclohexane
Concen: 47.44 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

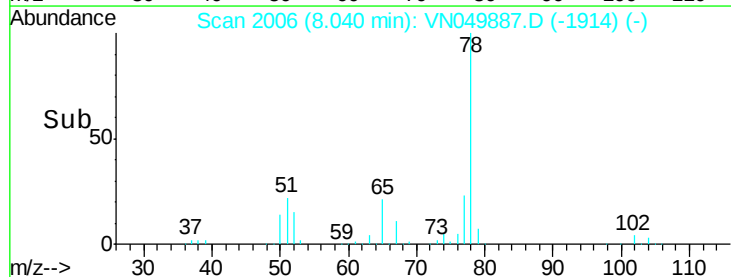
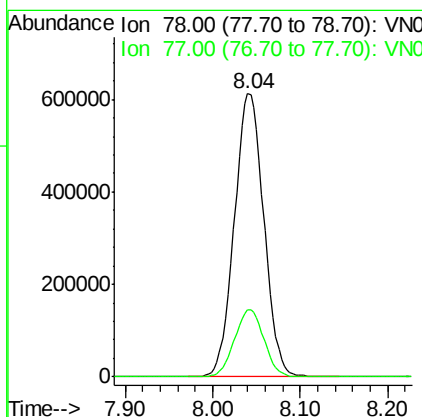
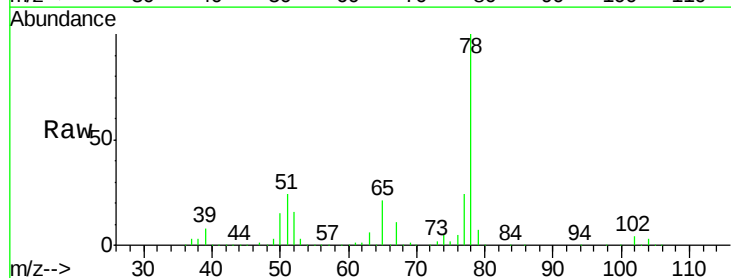
Instrument :
MSVOA_N
ClientSampled :

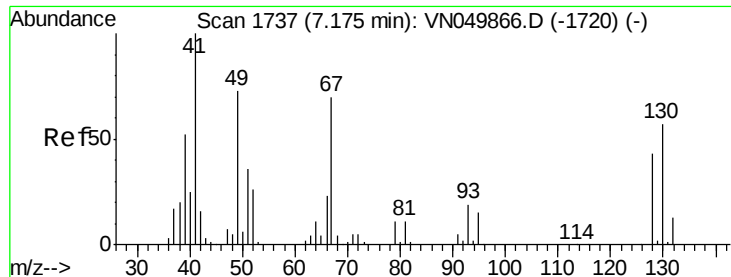
Tot Ion: 83 Resp: 485107
Ion Ratio Lower Upper
83 100
55 78.9 59.7 89.5
98 46.8 36.5 54.7



#40
Benzene
Concen: 47.52 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 78 Resp: 1433692
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

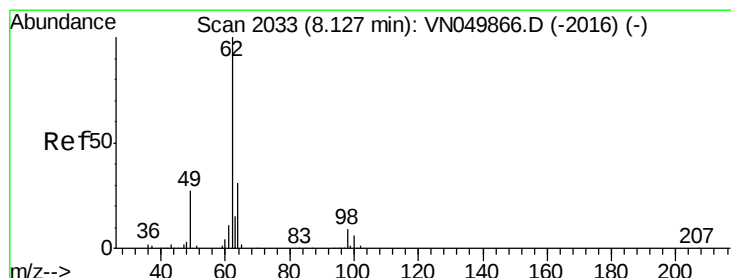
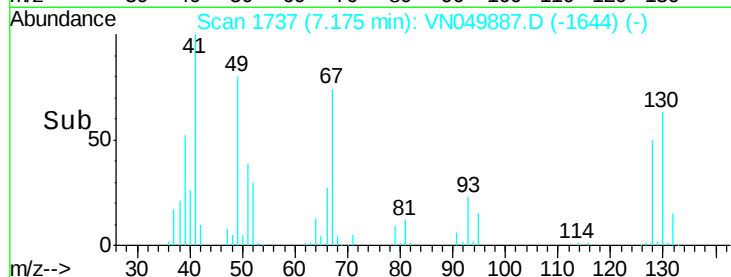
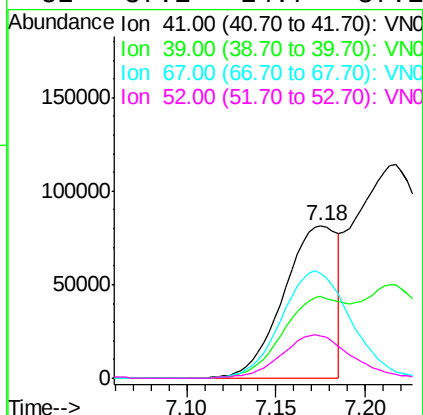
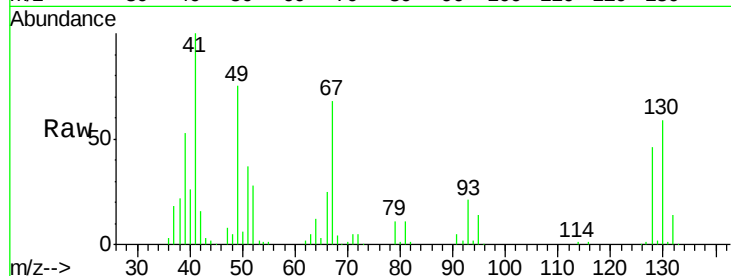




#41
Methacrylonitrile
Concen: 49.75 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

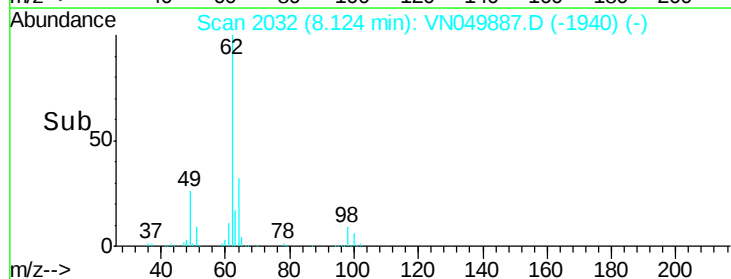
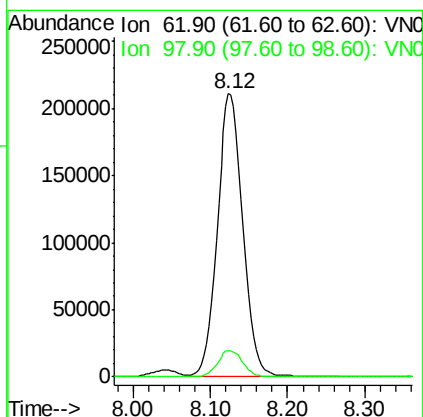
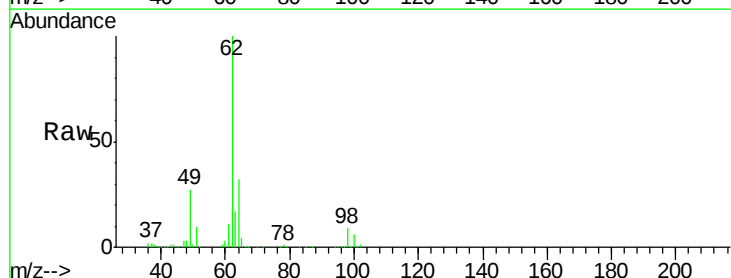
Instrument :
MSVOA_N
ClientSampleId :

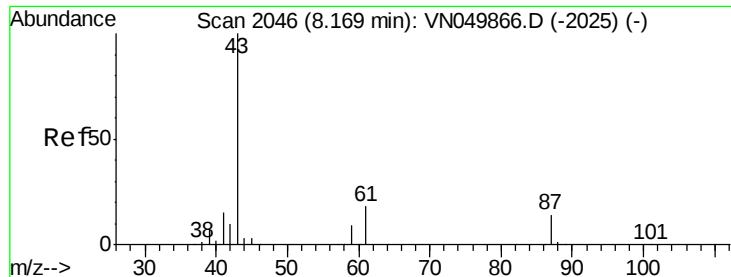
Tot Ion: 41 Resp: 169502
Ion Ratio Lower Upper
41 100
39 62.2 45.4 68.2
67 91.7 65.4 98.0
52 37.1 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 48.13 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 62 Resp: 480956
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.0





#43

Isopropyl Acetate

Concen: 54.84 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

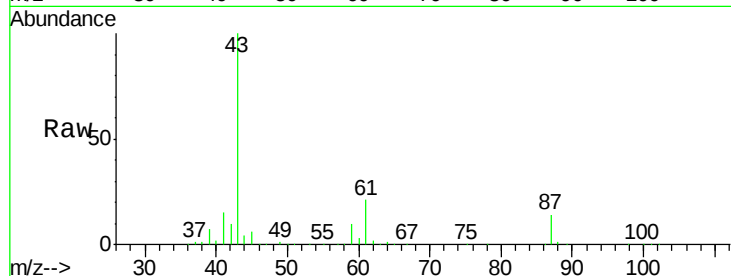
Tot Ion: 43 Resp: 651151

Ion Ratio Lower Upper

43 100

61 18.4 14.9 22.3

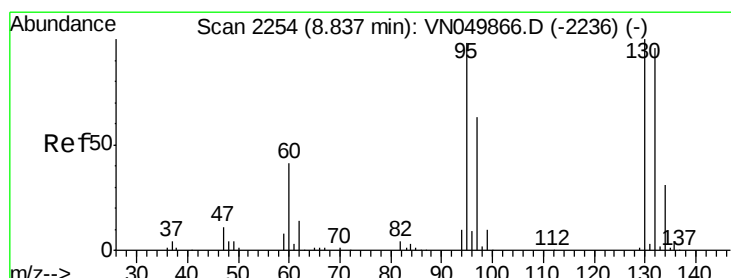
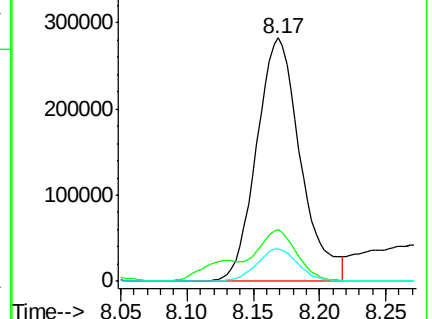
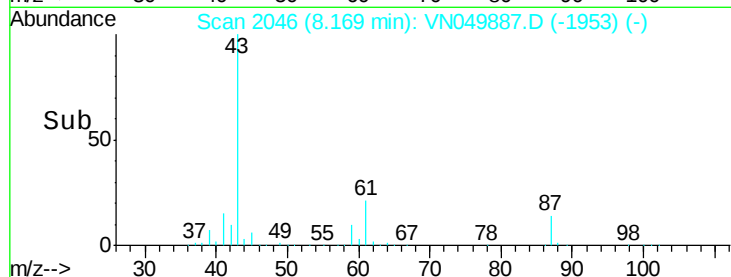
87 12.6 10.0 15.0



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: 46.71 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049887.D

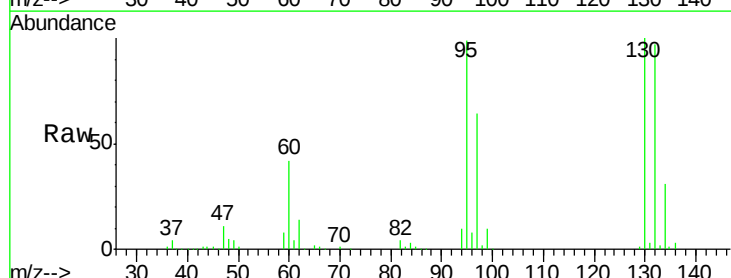
Acq: 18 Jul 2018 21:57

Tgt Ion:130 Resp: 369515

Ion Ratio Lower Upper

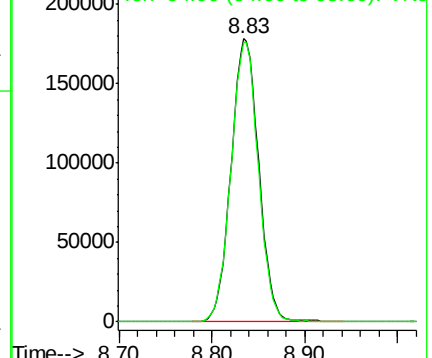
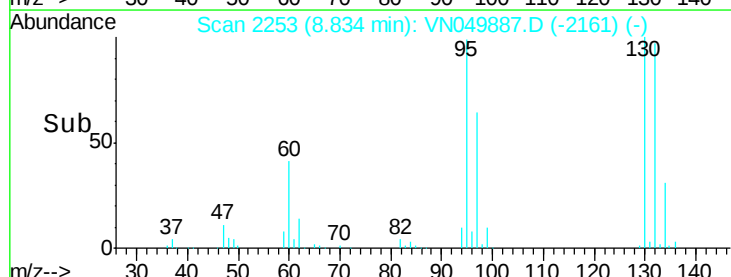
130 100

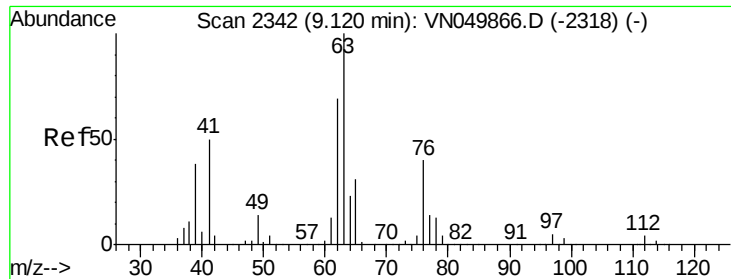
95 98.9 0.0 192.8



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

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

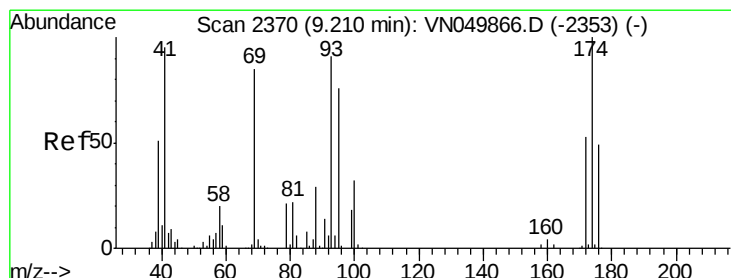
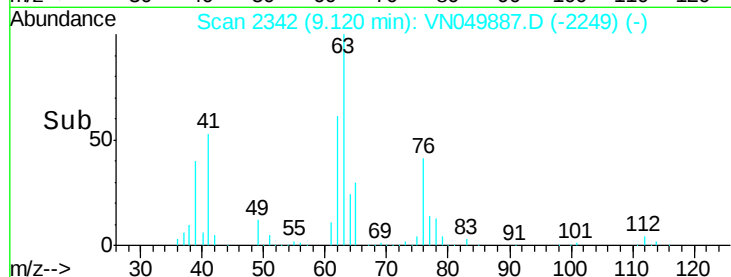
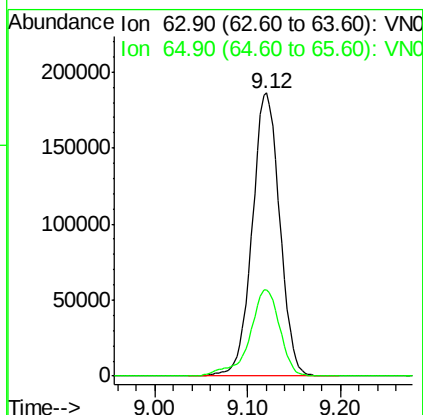
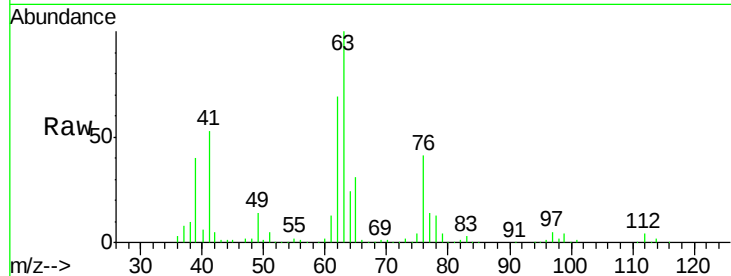




#45
 1,2-Dichloropropane
 Concen: 47.13 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

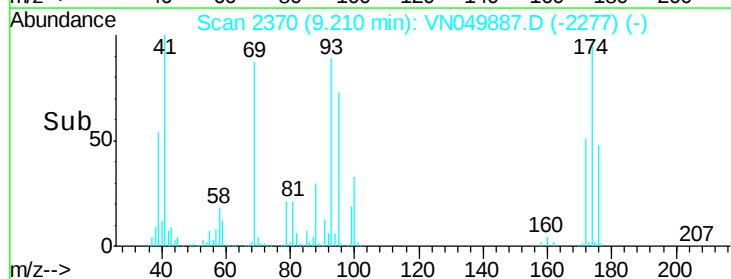
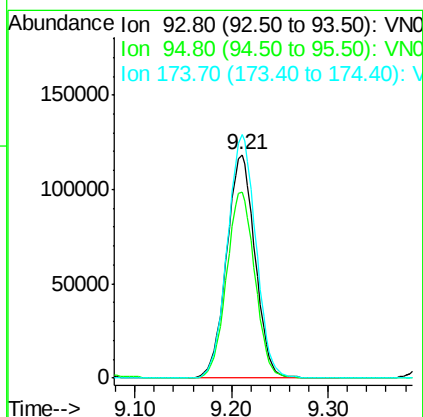
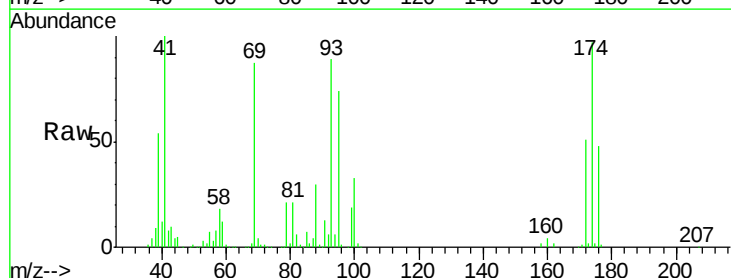
Instrument :
 MSVOA_N
 ClientSampled :

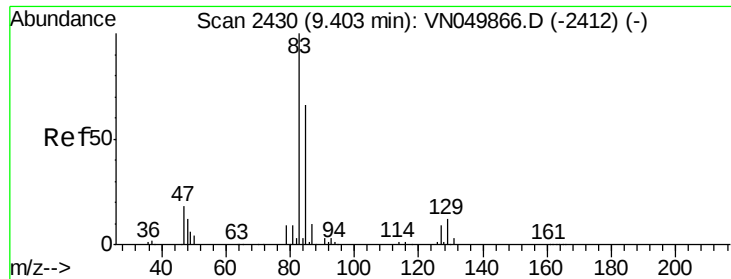
Tot Ion: 63 Resp: 383576
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1



#46
 Dibromomethane
 Concen: 48.07 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion: 93 Resp: 242631
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.9 101.9
 174 108.8 89.4 134.0

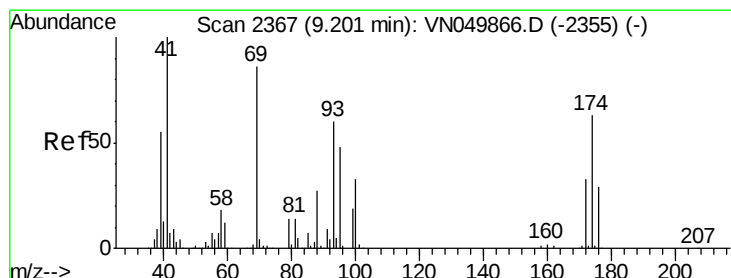
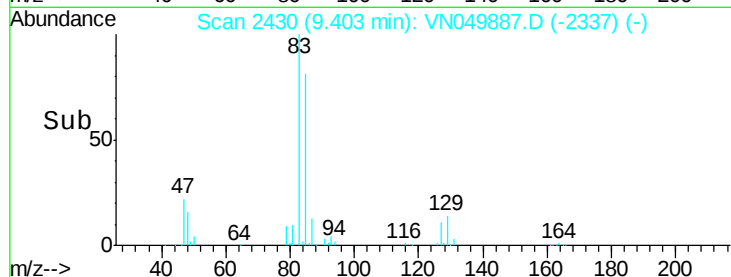
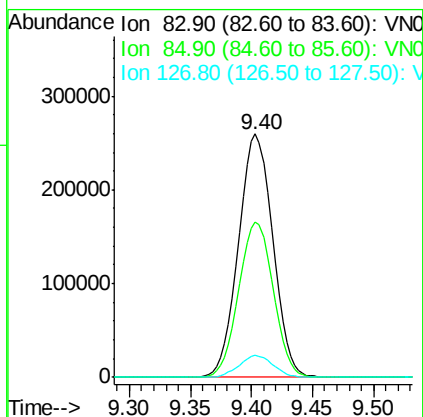
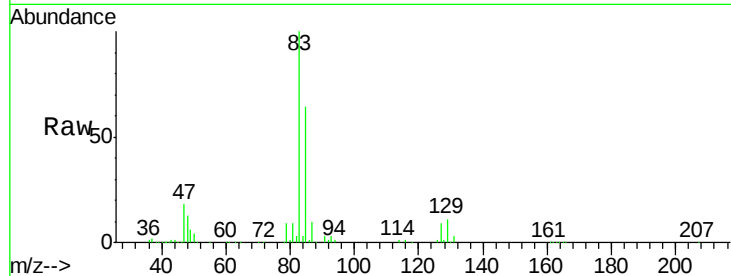




#47
Bromodichloromethane
Concen: 48.43 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

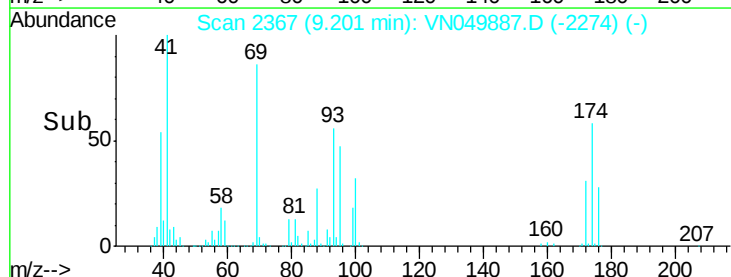
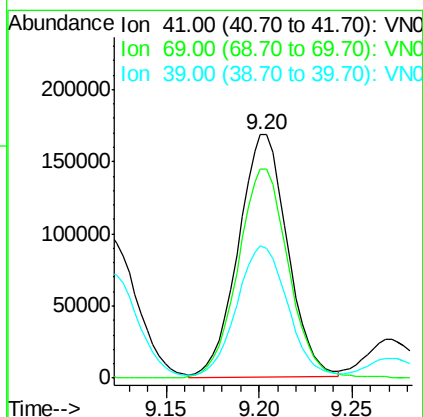
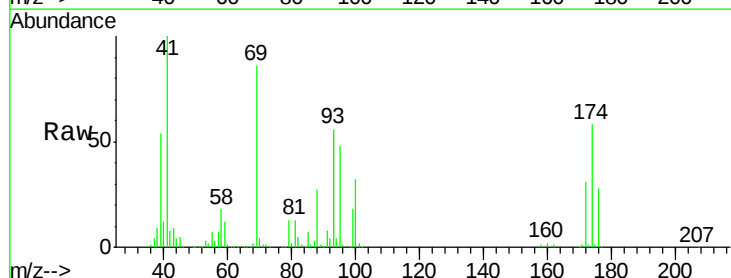
Instrument :
MSVOA_N
ClientSampled :

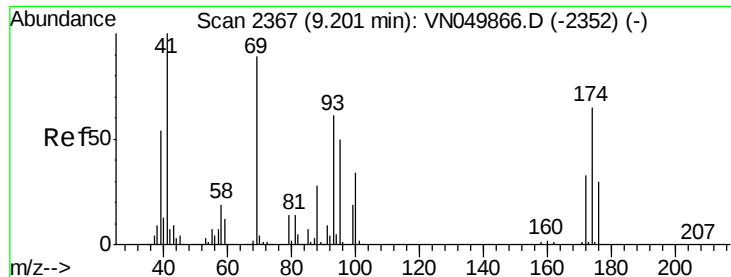
Tot Ion: 83 Resp: 505561
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 52.08 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 41 Resp: 310240
Ion Ratio Lower Upper
41 100
69 88.0 71.5 107.3
39 56.5 44.7 67.1

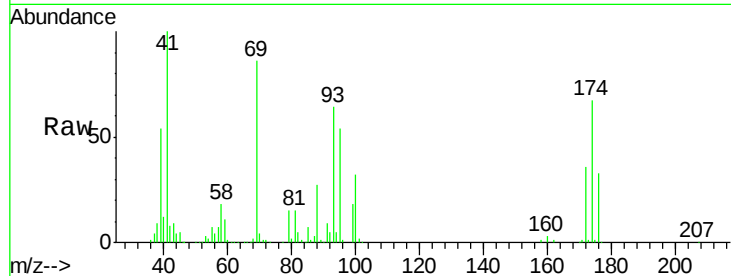




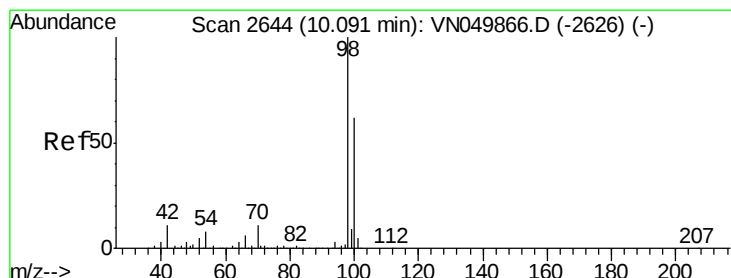
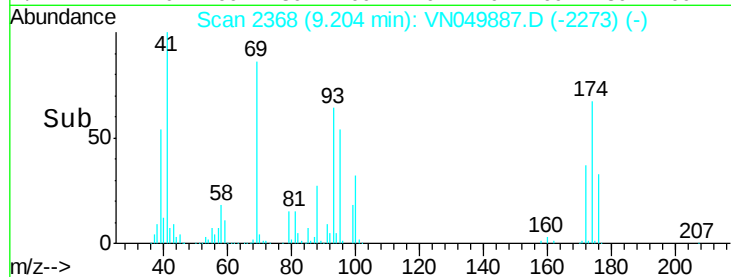
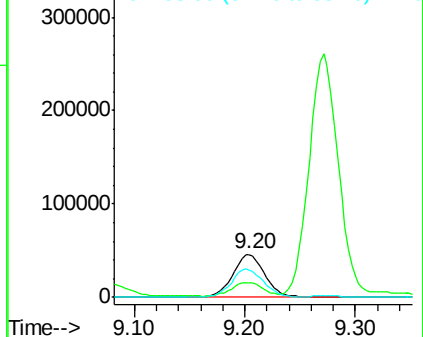
#49
1,4-Dioxane
Concen: 1090.35 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 92134
Ion Ratio Lower Upper
88 100
43 31.2 25.1 37.7
58 67.2 52.5 78.7

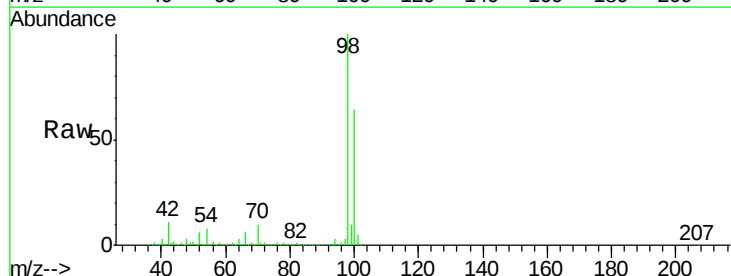


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

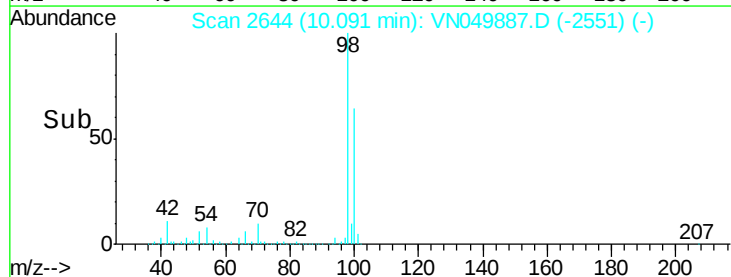
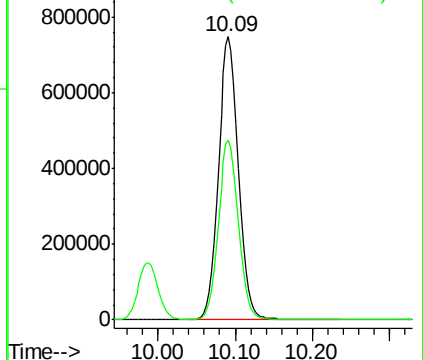


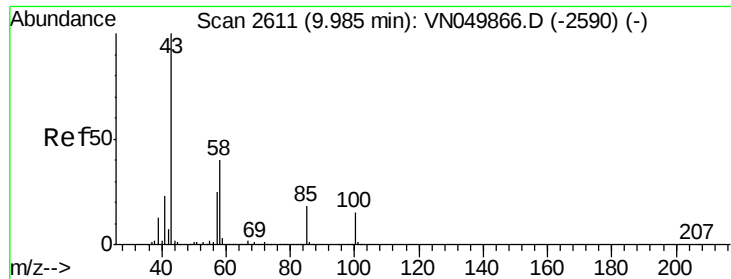
#50
Toluene-d8
Concen: 49.55 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 98 Resp: 1349309
Ion Ratio Lower Upper
98 100
100 63.9 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: 278.13 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

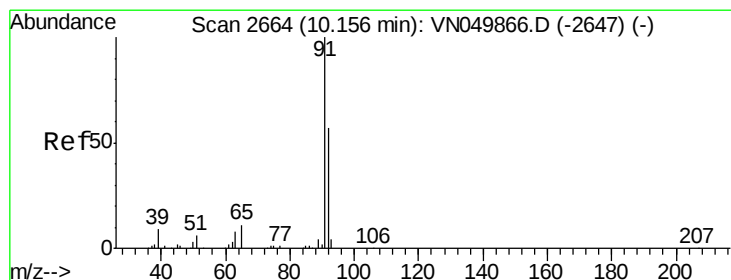
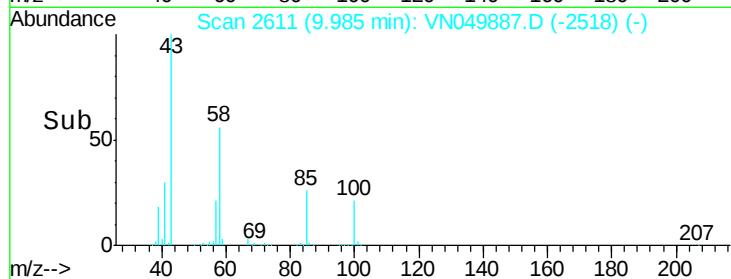
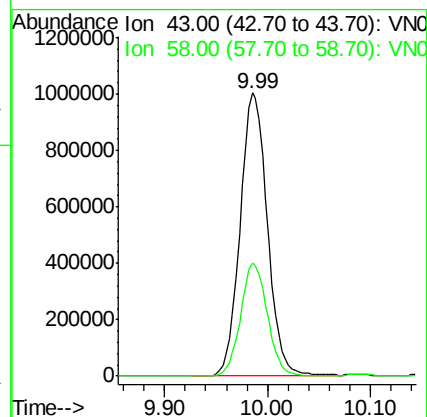
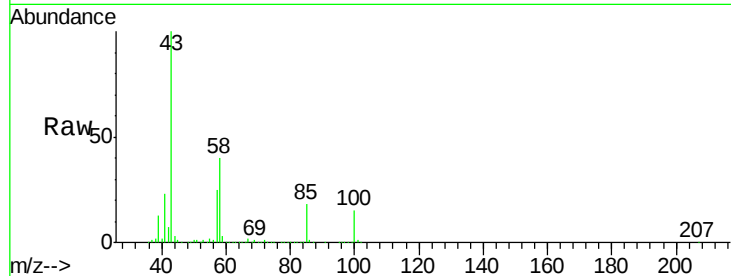
ClientSampled :

Tot Ion: 43 Resp: 1846242

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.8



#52

Toluene

Concen: 49.63 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN049887.D

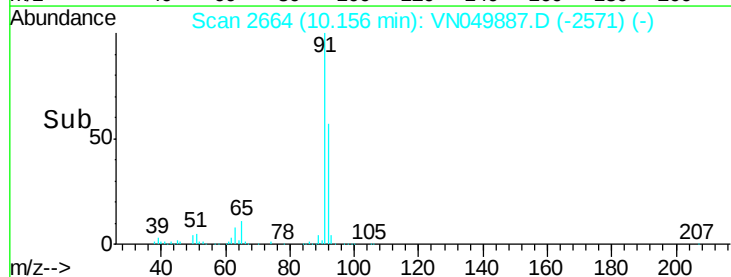
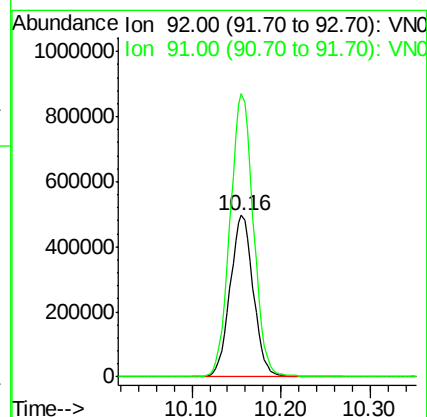
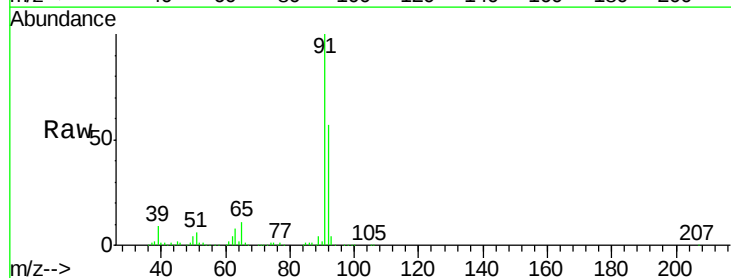
Acq: 18 Jul 2018 21:57

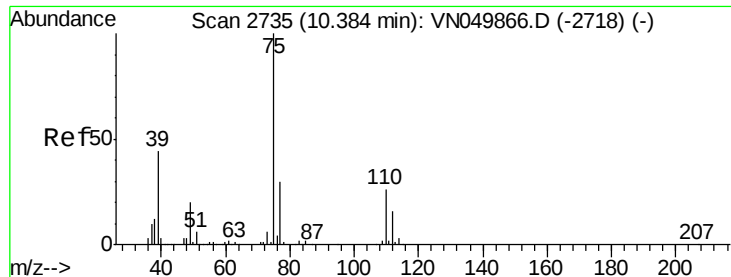
Tgt Ion: 92 Resp: 893187

Ion Ratio Lower Upper

92 100

91 176.8 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 49.99 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

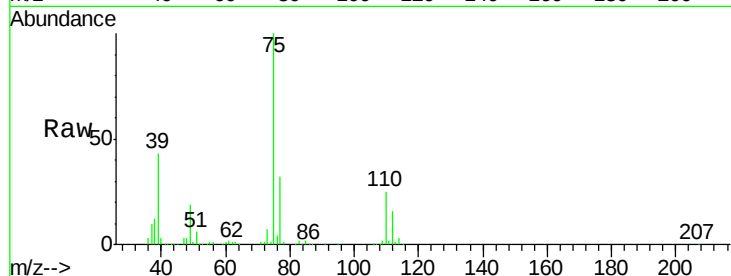
ClientSampleId :

Tot Ion: 75 Resp: 515953

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

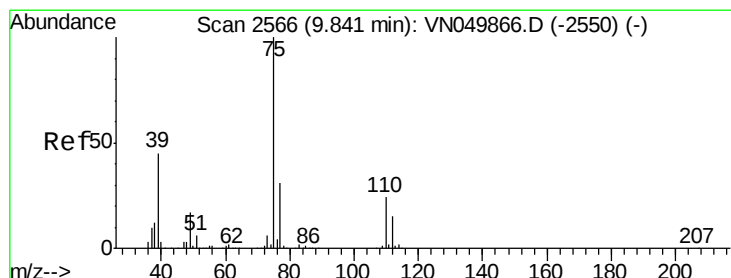
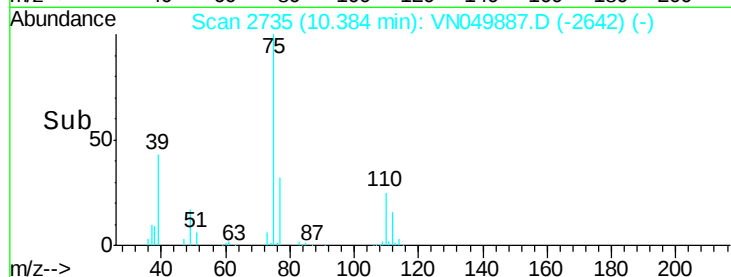
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.87 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

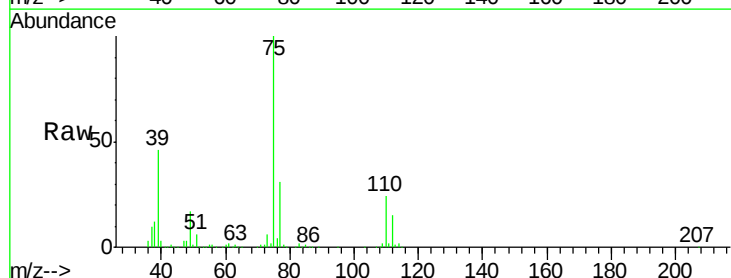
Tgt Ion: 75 Resp: 568861

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 46.1 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

400000

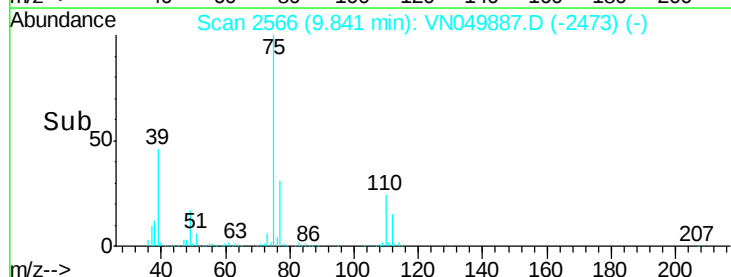
300000

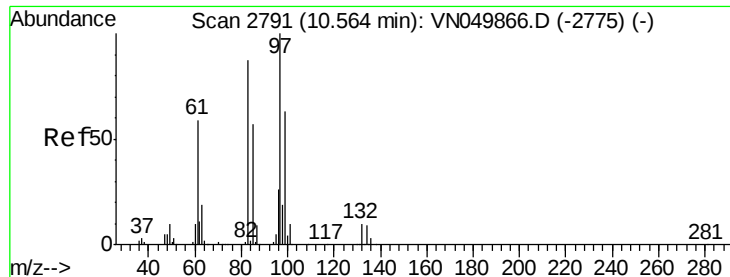
200000

100000

0

Time-->

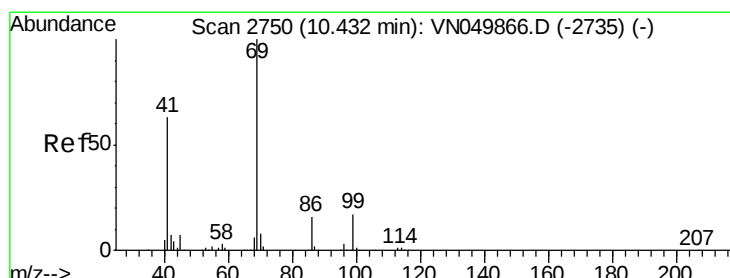
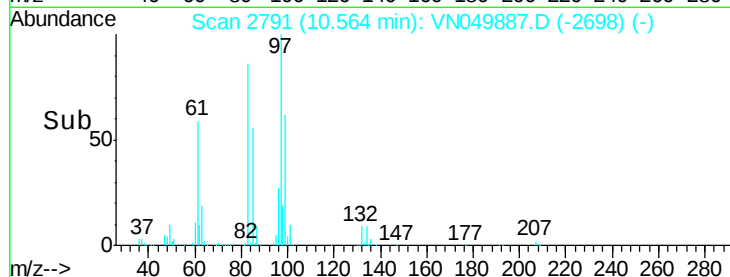
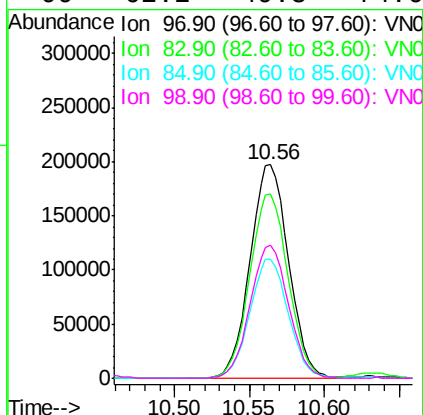
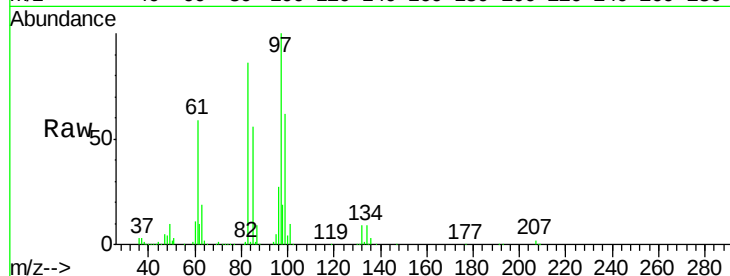




#55
 1,1,2-Trichloroethane
 Concen: 47.38 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

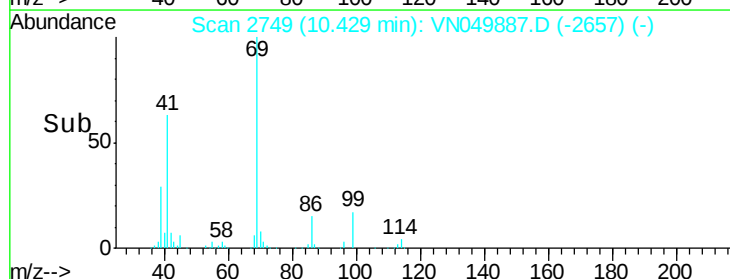
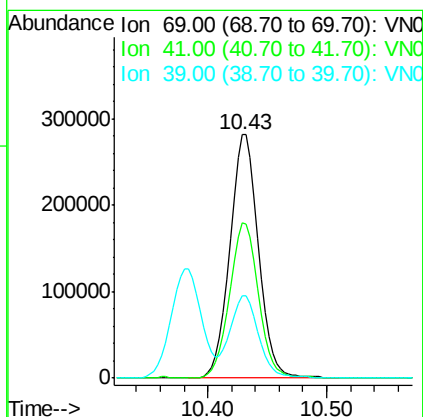
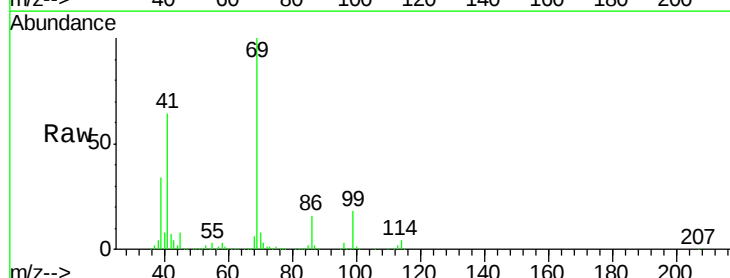
Instrument :
 MSVOA_N
 ClientSampled :

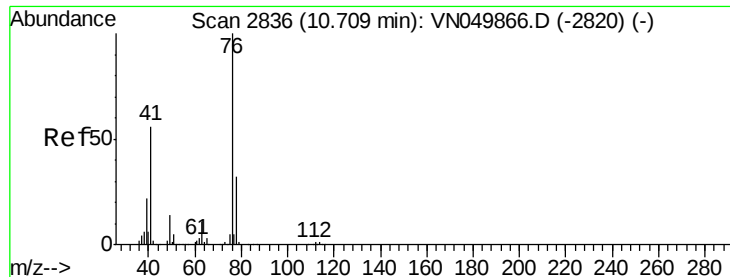
Tot Ion:	97	Resp:	352221
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.6
85	55.8	44.9	67.3
99	62.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 47.15 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion:	69	Resp:	469382
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.6	77.4
39	34.0	25.8	38.8





#57

1,3-Dichloropropane

Concen: 49.59 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

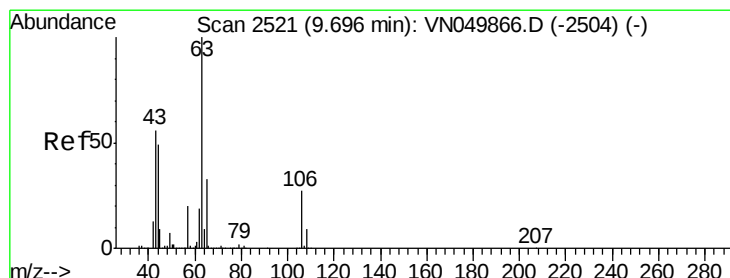
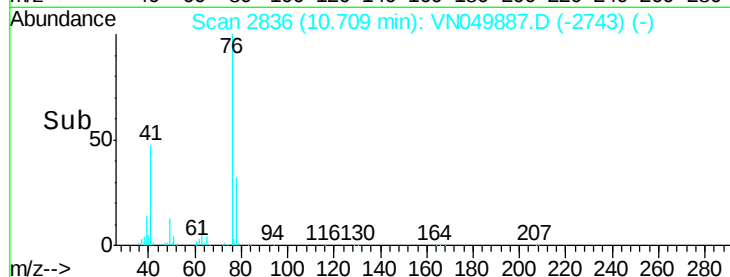
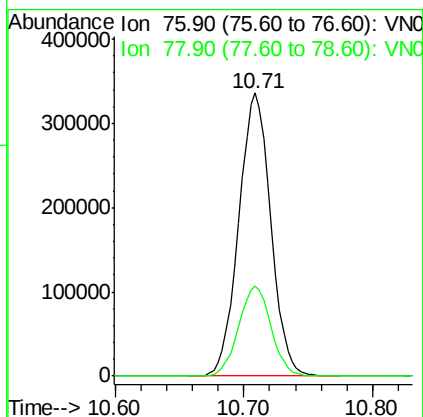
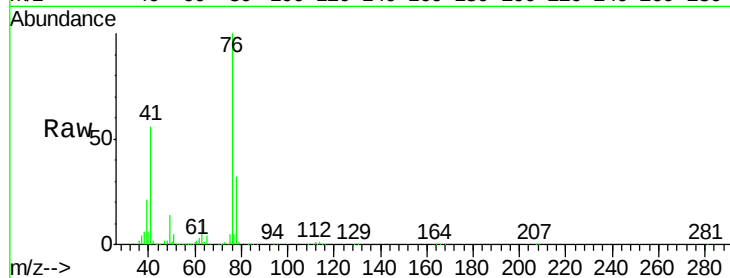
ClientSampleId :

Tot Ion: 76 Resp: 580541

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 299.20 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049887.D

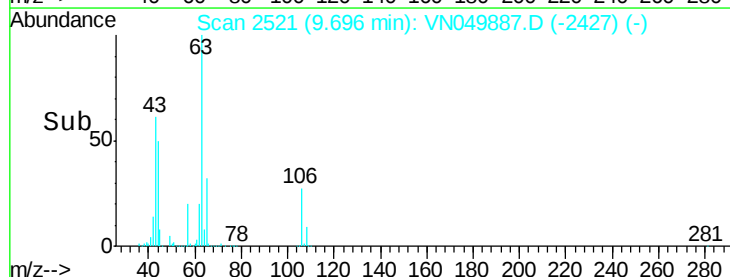
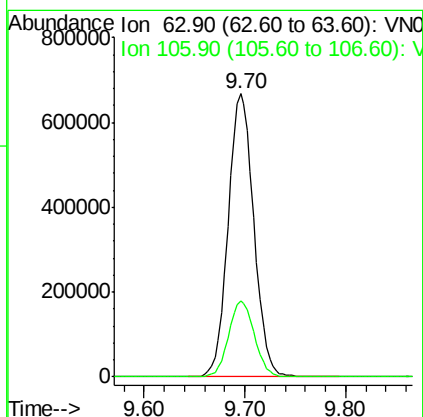
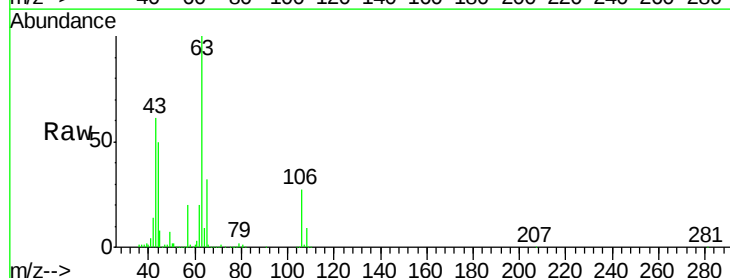
Acq: 18 Jul 2018 21:57

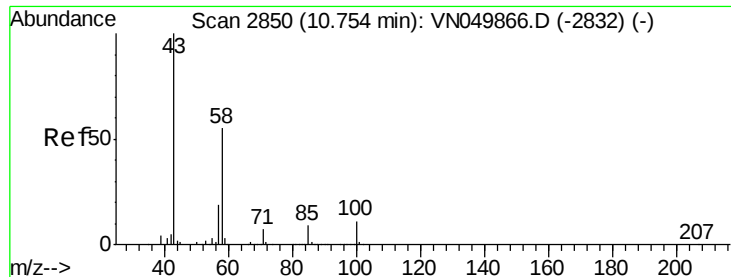
Tgt Ion: 63 Resp: 1184899

Ion Ratio Lower Upper

63 100

106 26.9 21.8 32.8

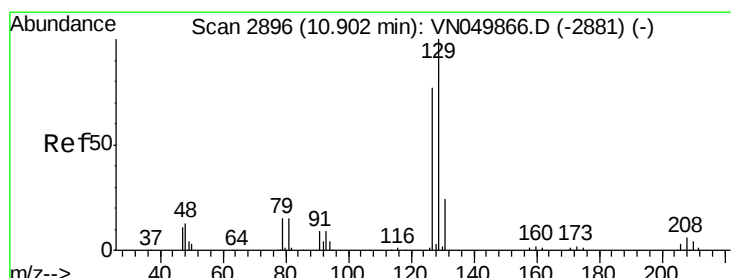
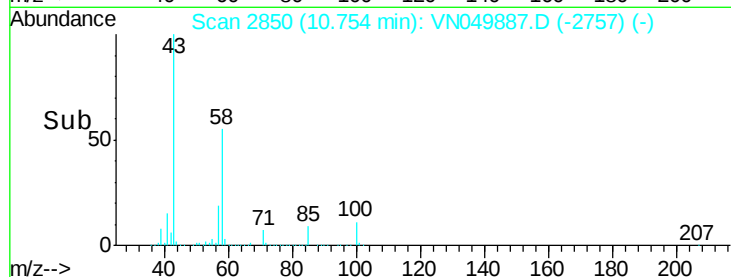
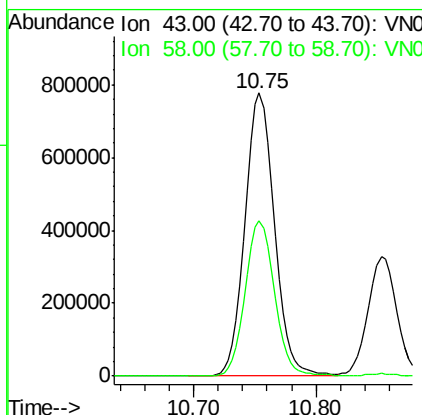
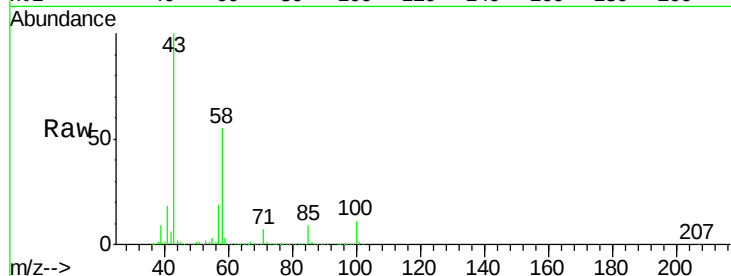




#59
2-Hexanone
Concen: 289.01 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

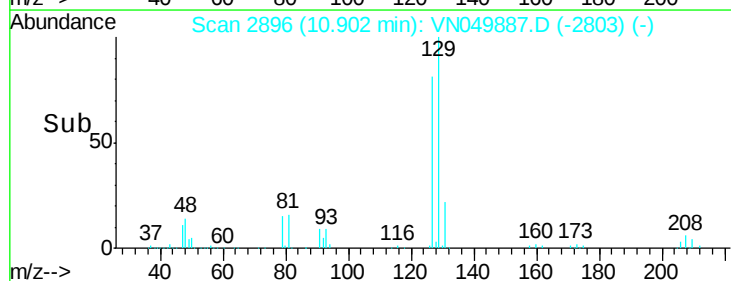
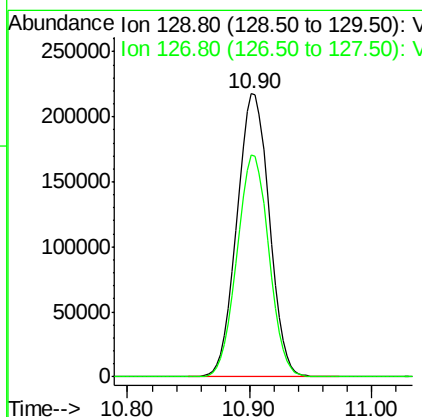
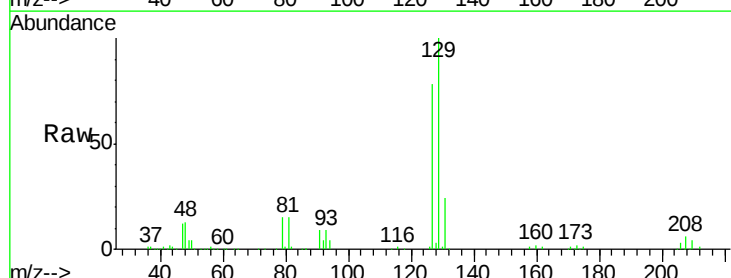
Instrument :
MSVOA_N
ClientSampled :

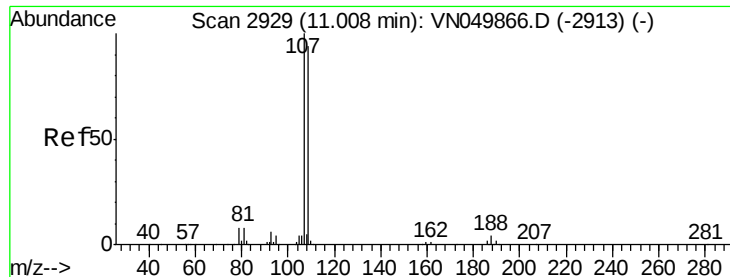
Tot Ion: 43 Resp: 1288591
Ion Ratio Lower Upper
43 100
58 54.7 27.8 83.4



#60
Dibromochloromethane
Concen: 49.10 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 129 Resp: 400260
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9

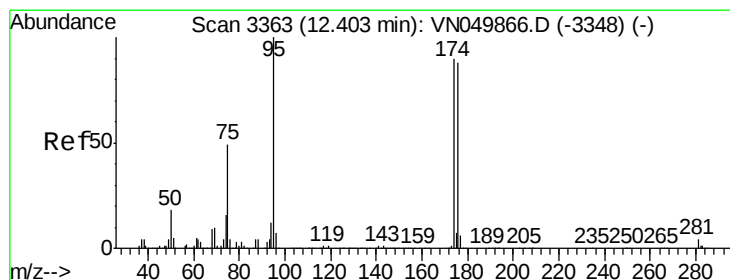
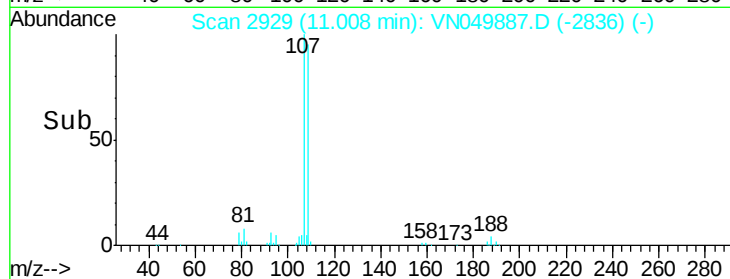
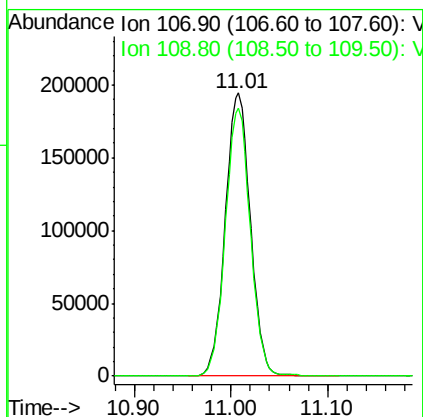
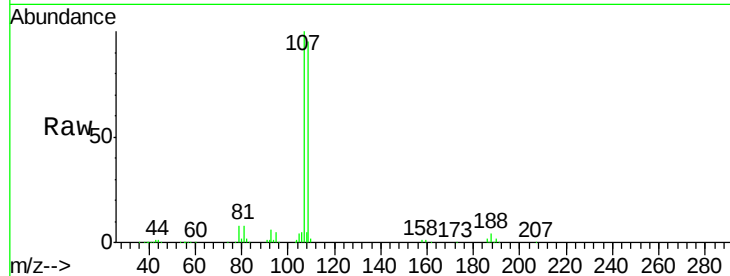




#61
 1,2-Dibromoethane
 Concen: 50.51 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

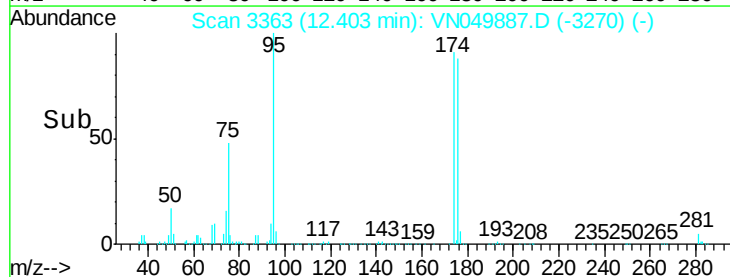
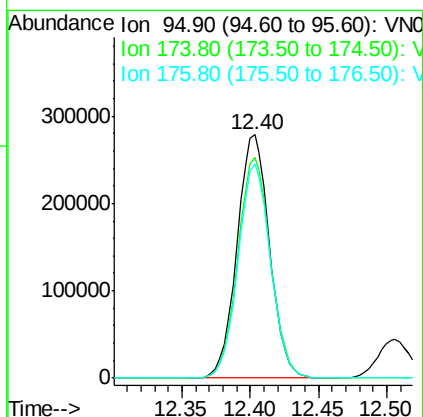
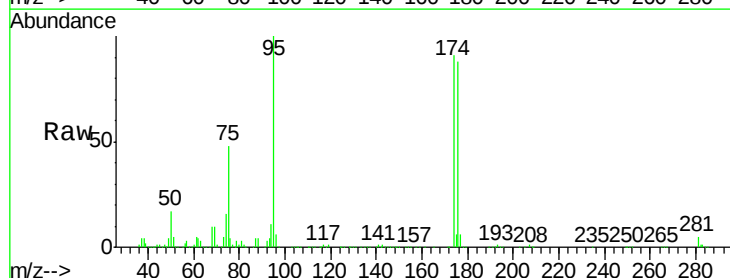
Instrument :
 MSVOA_N
 ClientSampleId :

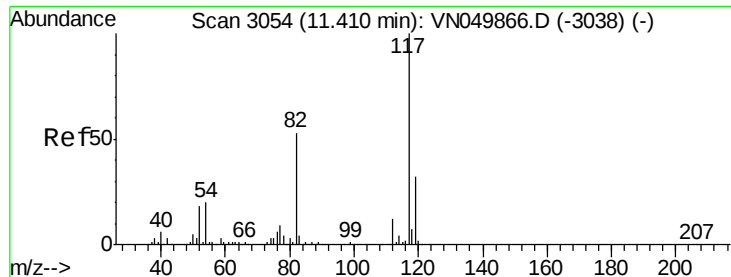
Tot Ion: 107 Resp: 350839
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.10 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion: 95 Resp: 460458
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 179.6
 176 87.7 0.0 174.0

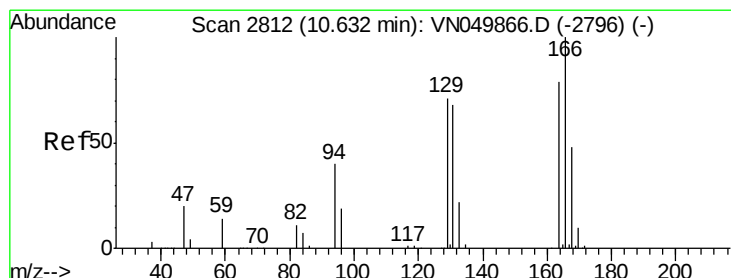
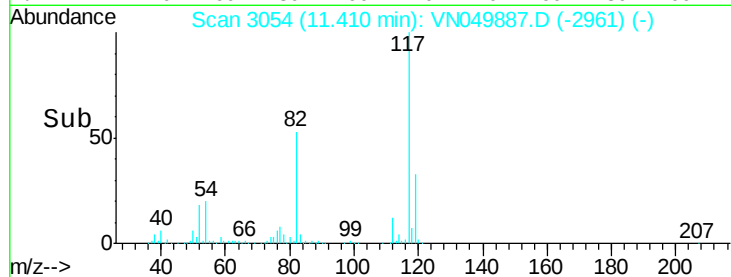
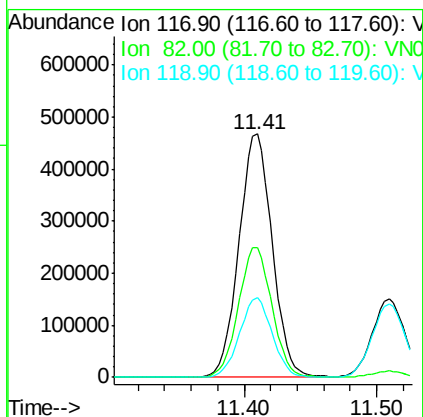
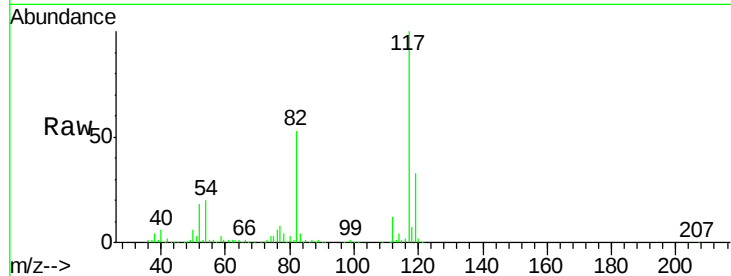




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

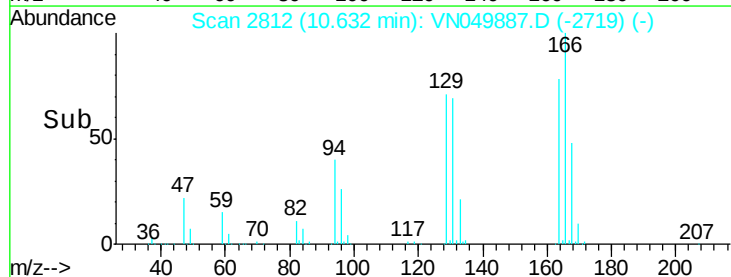
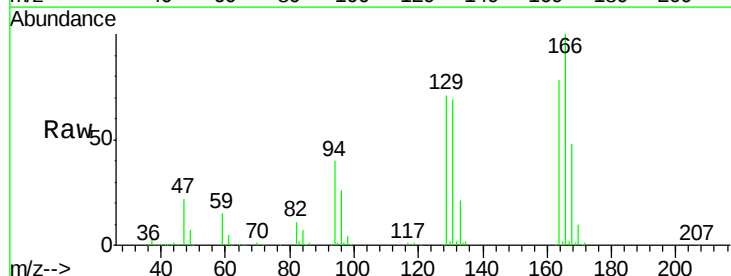
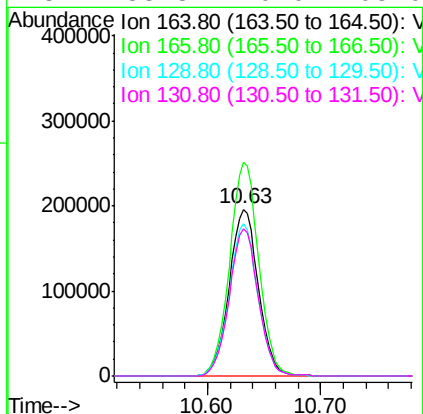
Instrument :
MSVOA_N
ClientSampleId :

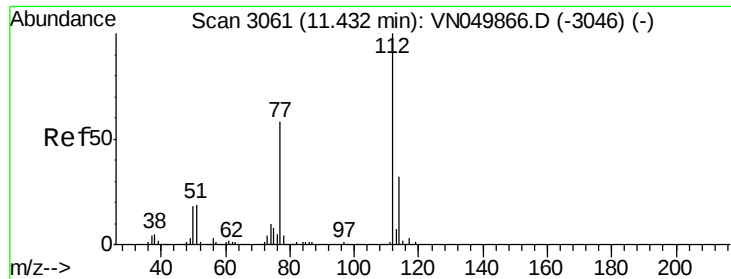
Tot Ion:117 Resp: 816998
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 32.5 25.4 38.2



#64
Tetrachloroethene
Concen: 47.86 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion:164 Resp: 351405
Ion Ratio Lower Upper
164 100
166 128.3 101.8 152.6
129 91.4 72.8 109.2
131 88.8 70.0 105.0

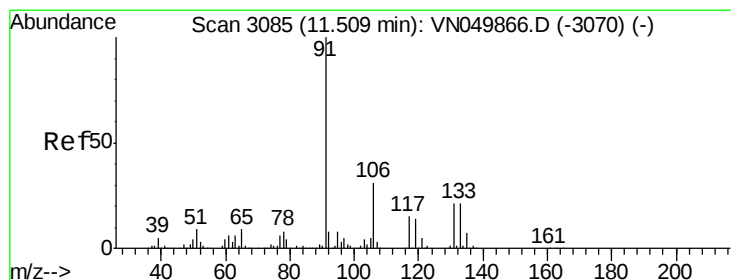
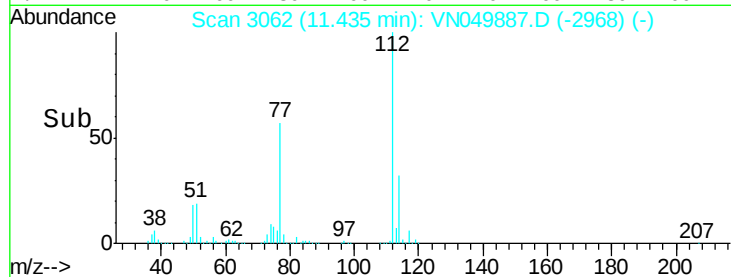
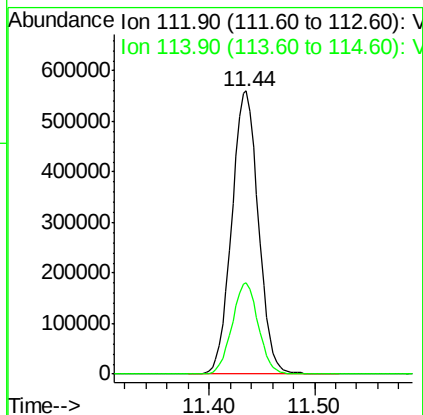
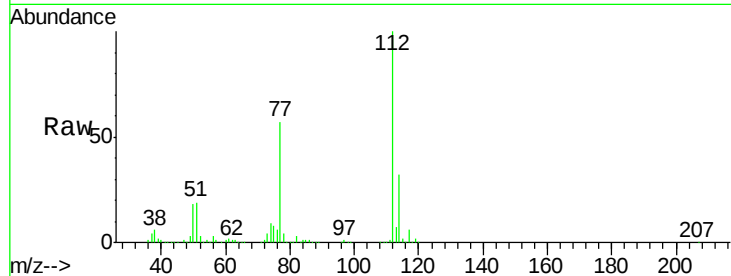




#65
Chlorobenzene
Concen: 47.69 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

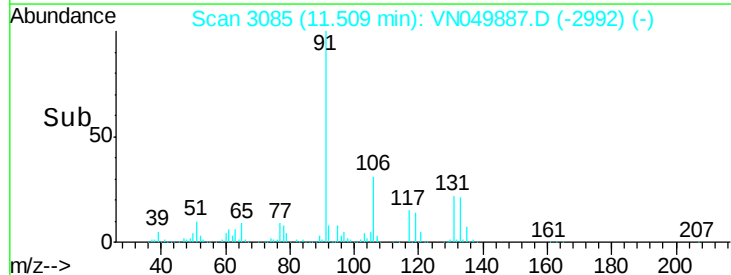
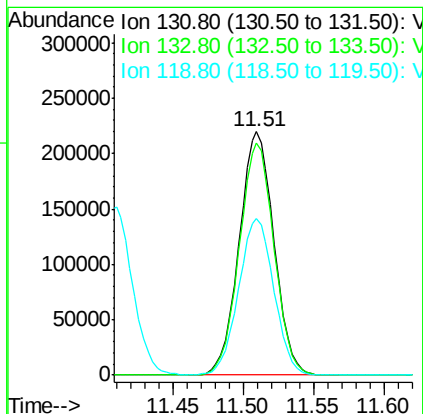
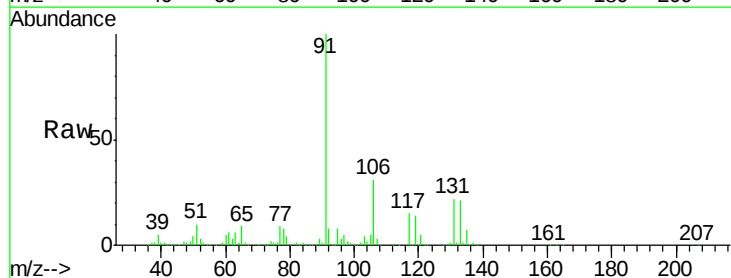
Instrument :
MSVOA_N
ClientSampleId :

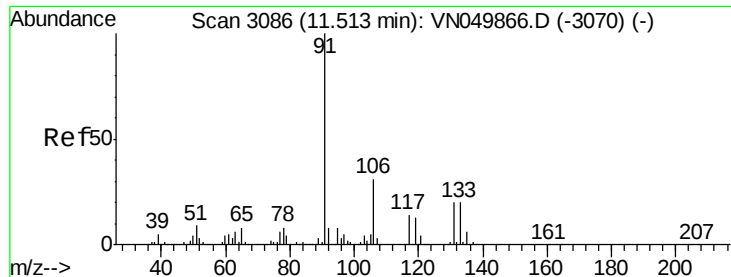
Tot Ion:112 Resp: 978933
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.74 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion:131 Resp: 379615
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.3 33.1 99.3

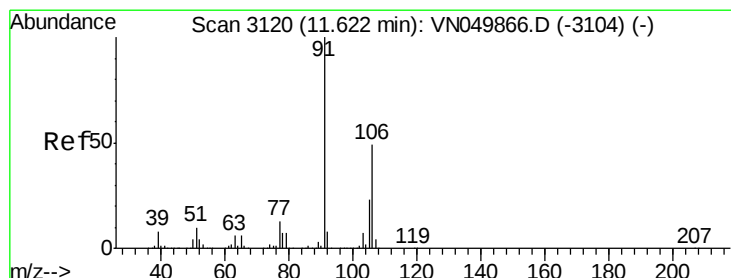
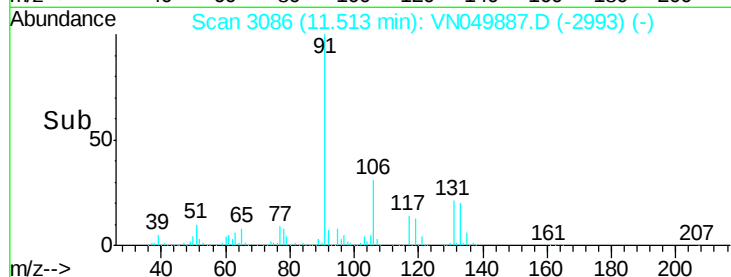
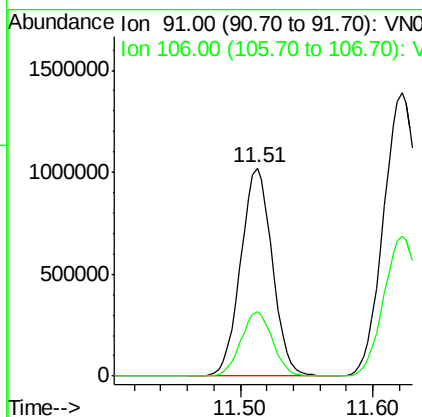
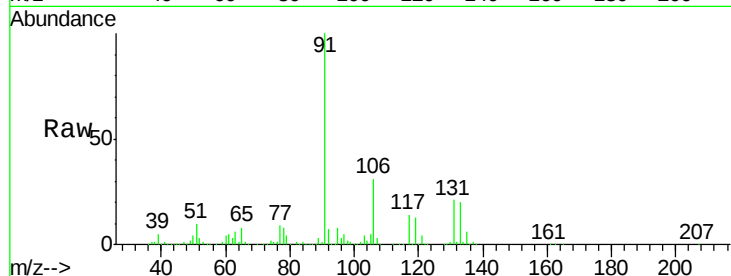




#67
Ethyl Benzene
Concen: 50.75 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

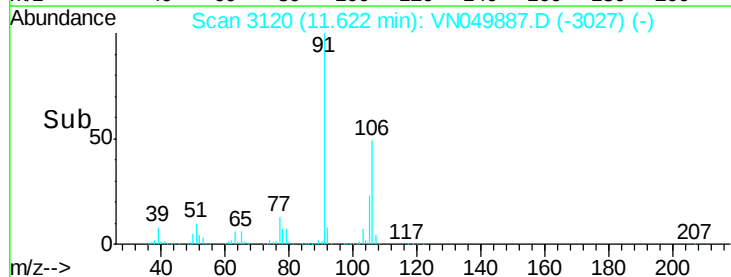
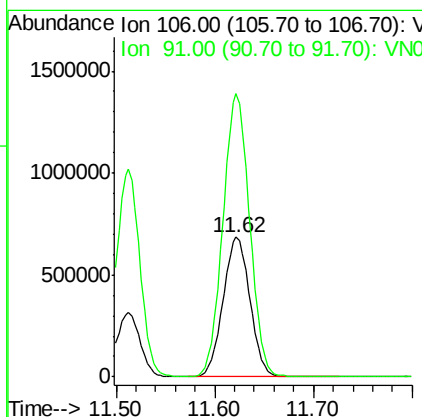
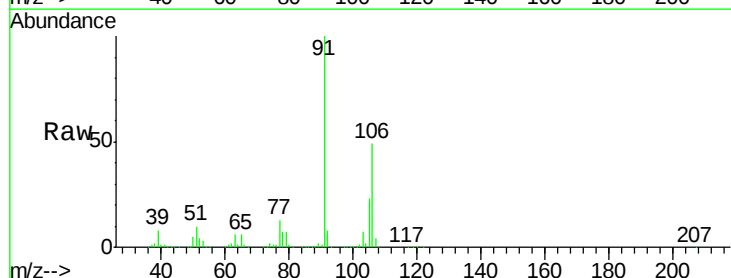
Instrument :
MSVOA_N
ClientSampled :

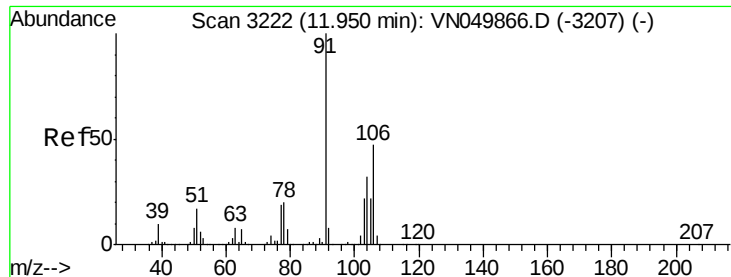
Tot Ion: 91 Resp: 1689914
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2



#68
m/p-Xylenes
Concen: 103.89 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion: 106 Resp: 1309623
Ion Ratio Lower Upper
106 100
91 201.4 163.4 245.2

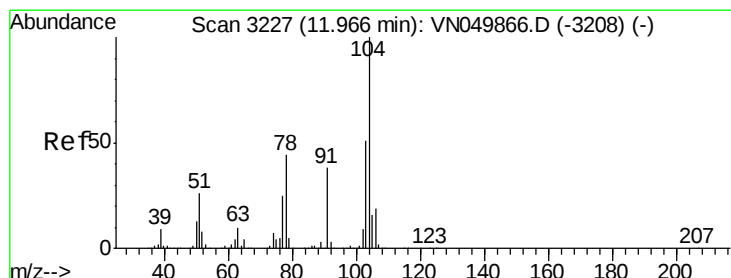
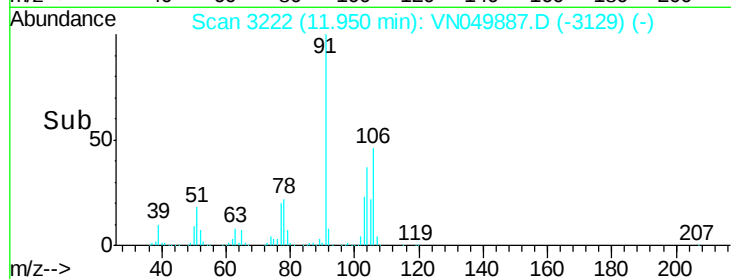
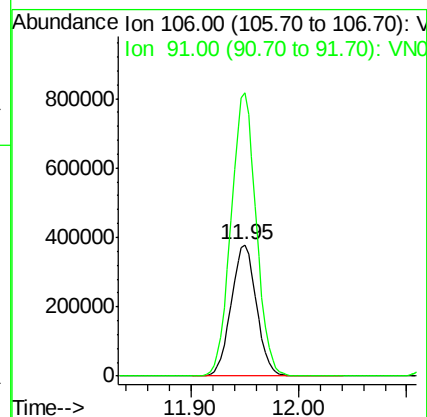
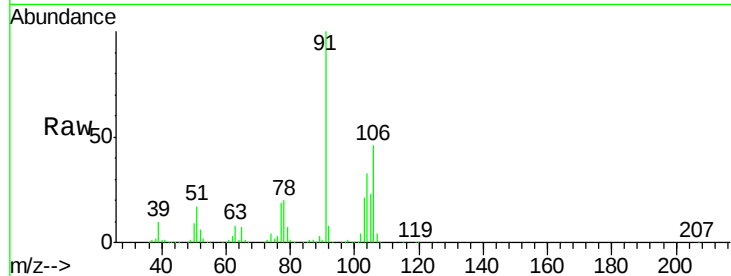




#69
o-Xylene
Concen: 51.13 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

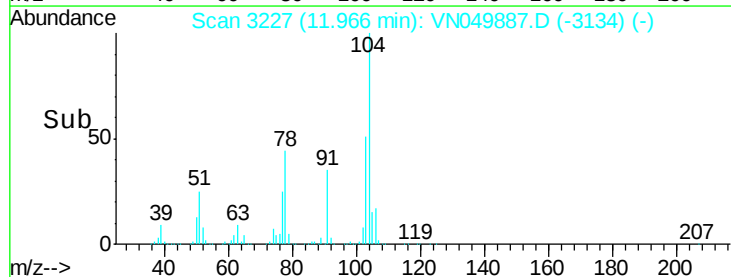
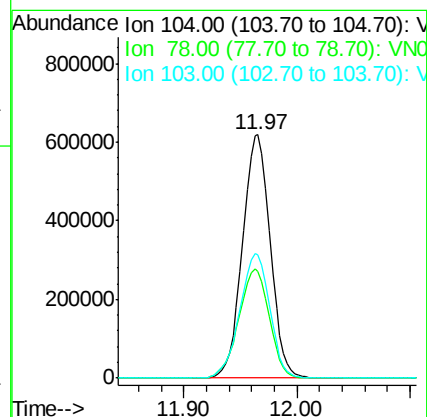
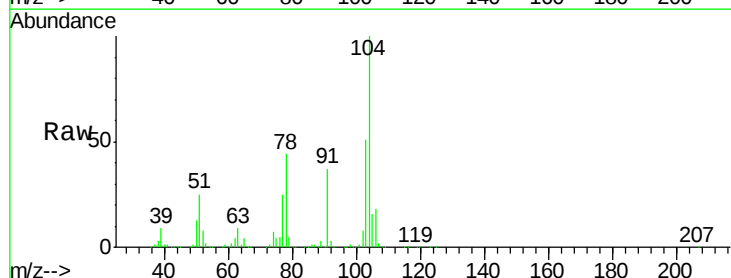
Instrument :
MSVOA_N
ClientSampled :

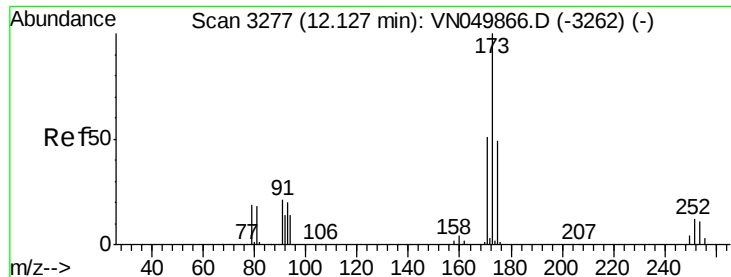
Tot Ion:106 Resp: 618998
Ion Ratio Lower Upper
106 100
91 214.9 108.7 326.1



#70
Styrene
Concen: 54.01 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion:104 Resp: 1059206
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 55.4 44.6 67.0

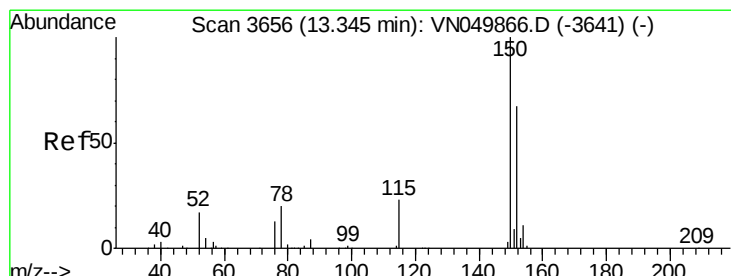
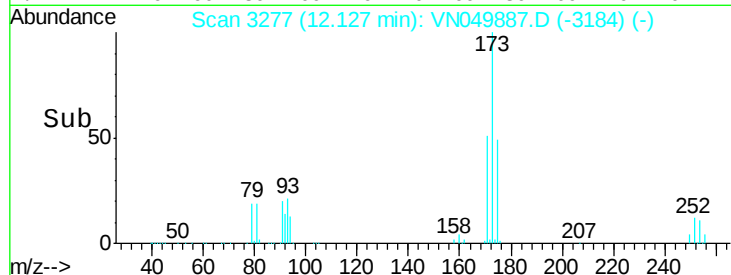
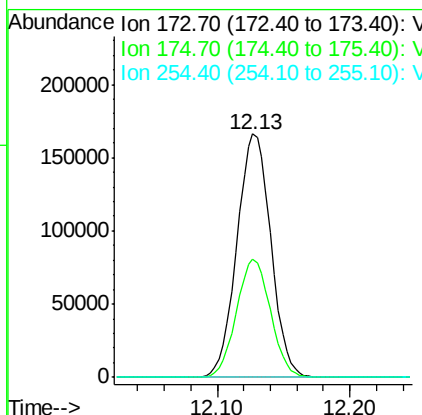
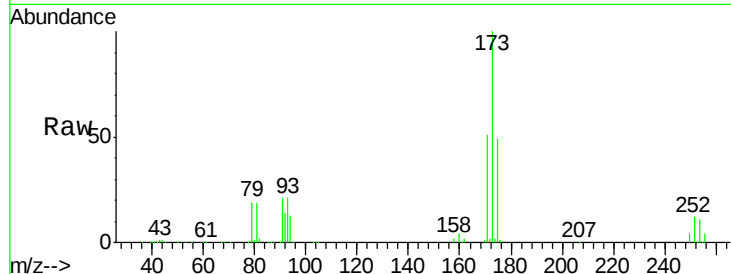




#71
Bromoform
Concen: 51.78 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

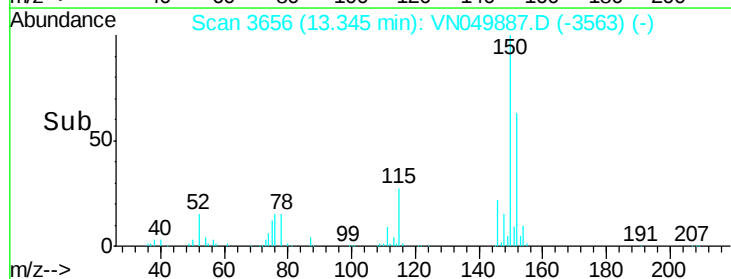
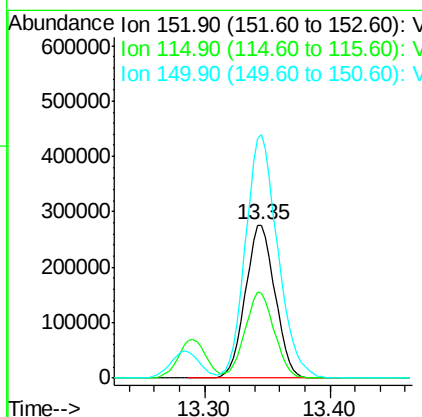
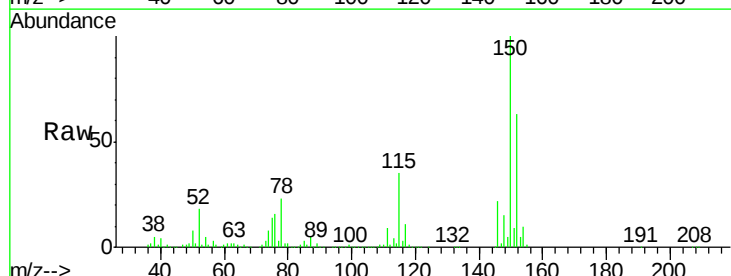
Instrument :
MSVOA_N
ClientSampled :

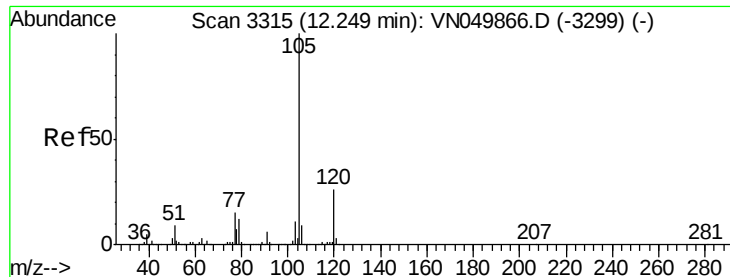
Tot Ion:173 Resp: 294509
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049887.D
Acq: 18 Jul 2018 21:57

Tgt Ion:152 Resp: 452827
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.2
150 173.3 0.0 347.6





#73

Isopropylbenzene

Concen: 48.63 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

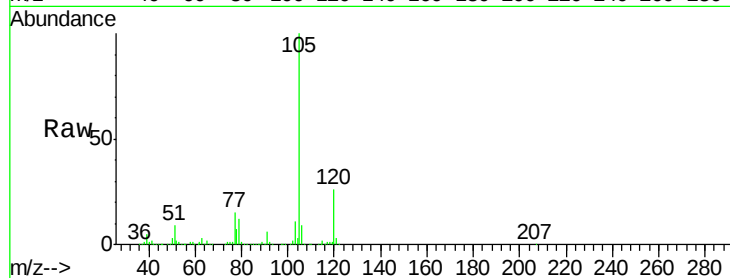
ClientSampled :

Tot Ion:105 Resp: 1672691

Ion Ratio Lower Upper

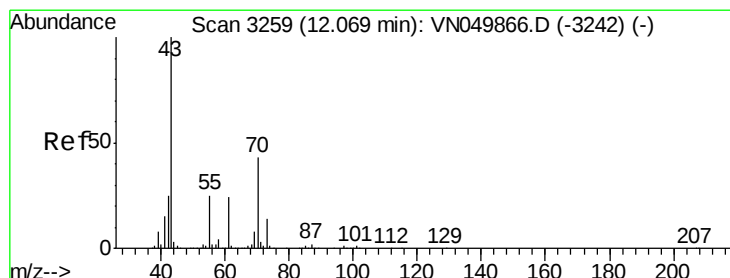
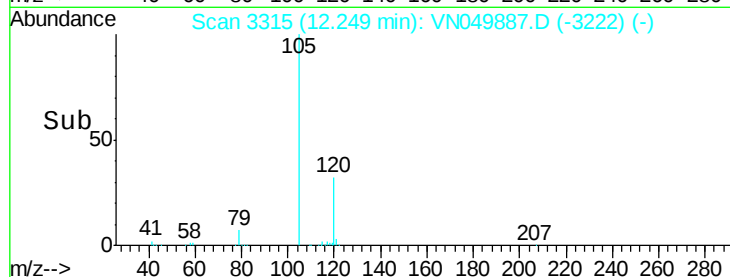
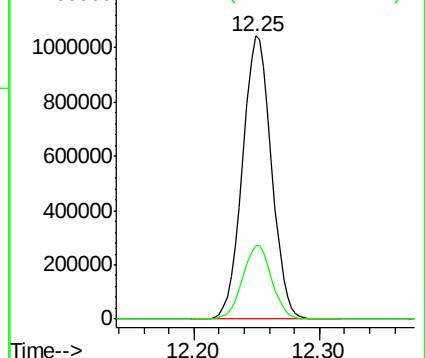
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.86 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Tgt Ion: 43 Resp: 542931

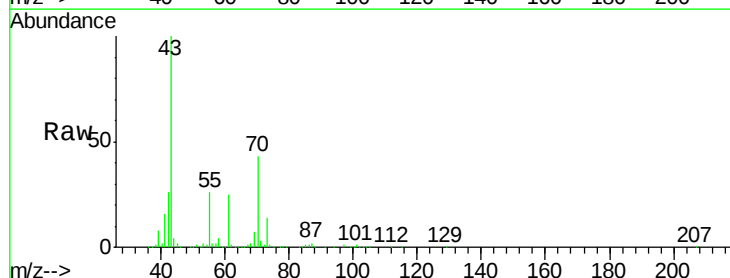
Ion Ratio Lower Upper

43 100

70 42.9 34.8 52.2

55 26.4 20.9 31.3

61 25.0 19.9 29.9

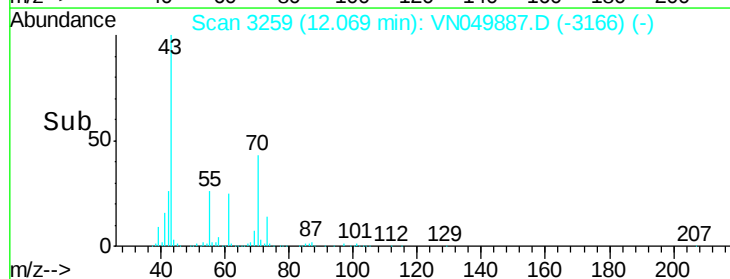
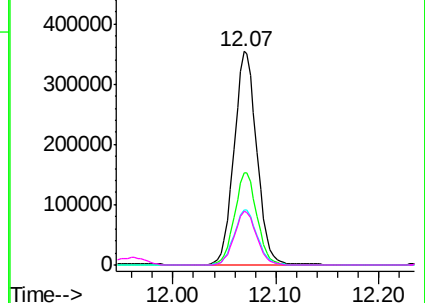


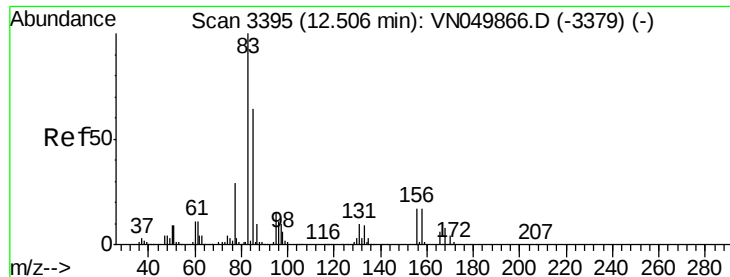
Abundance Ion 43.00 (42.70 to 43.70): V

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: 46.62 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

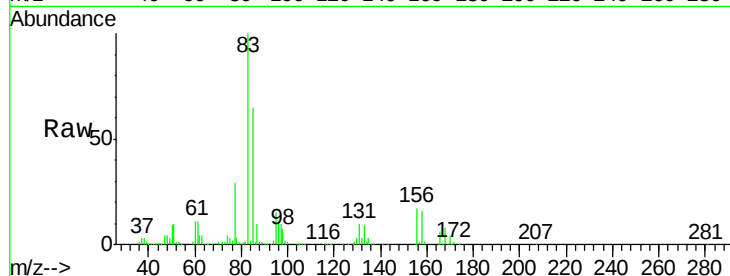
Tot Ion: 83 Resp: 480432

Ion Ratio Lower Upper

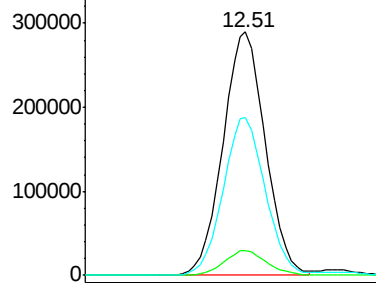
83 100

131 10.3 5.2 15.6

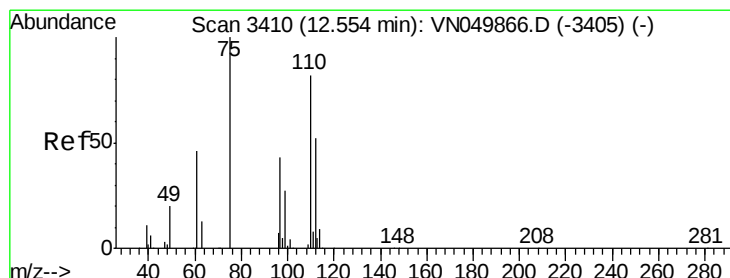
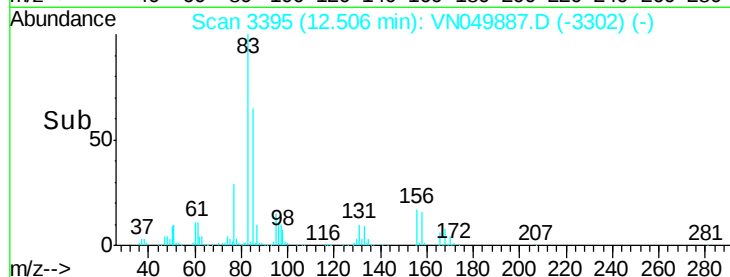
85 64.5 32.5 97.4



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



Time-->



#76

1,2,3-Trichloropropane

Concen: 69.22 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049887.D

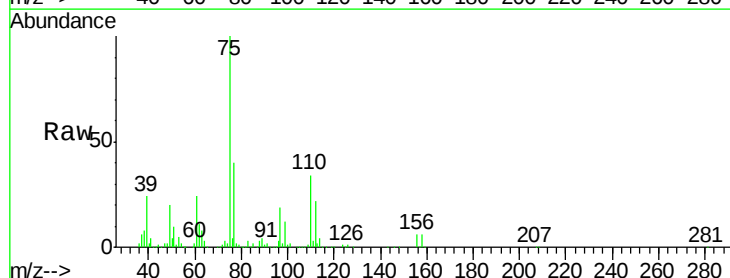
Acq: 18 Jul 2018 21:57

Tgt Ion: 75 Resp: 587993

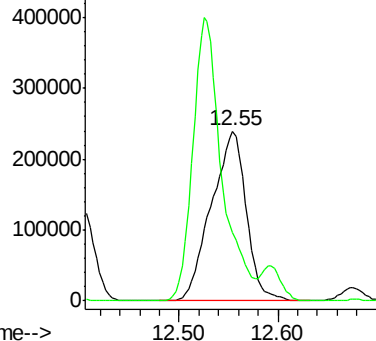
Ion Ratio Lower Upper

75 100

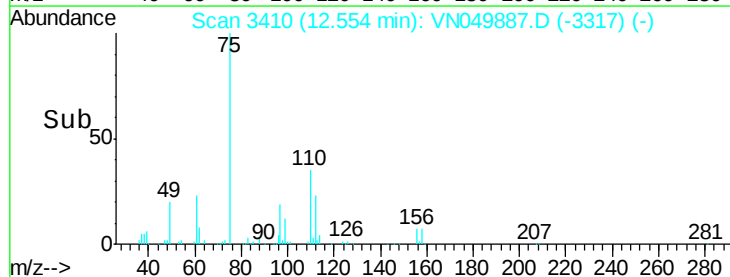
77 0.0 0.0 0.0

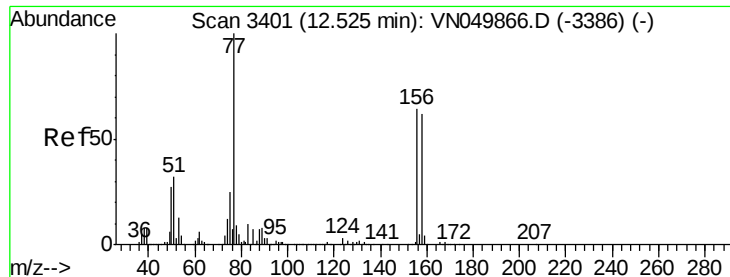


Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC



Time-->





#77

Bromobenzene

Concen: 46.52 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

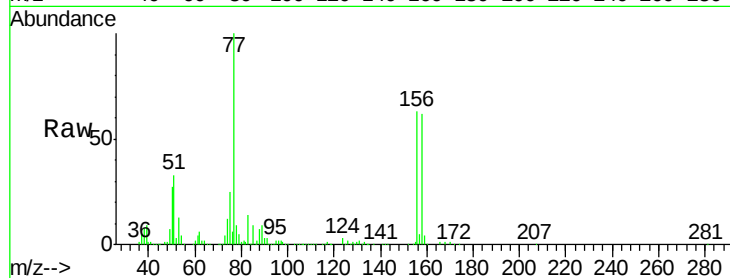
Tot Ion:156 Resp: 441898

Ion Ratio Lower Upper

156 100

77 186.1 90.2 270.6

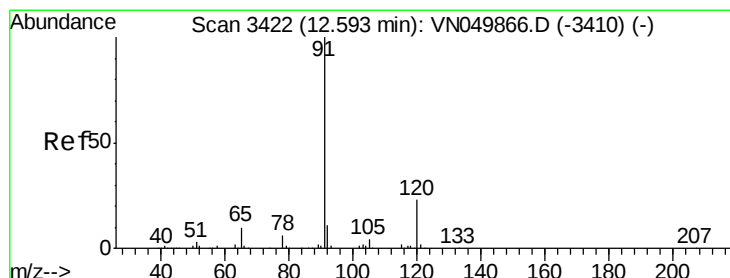
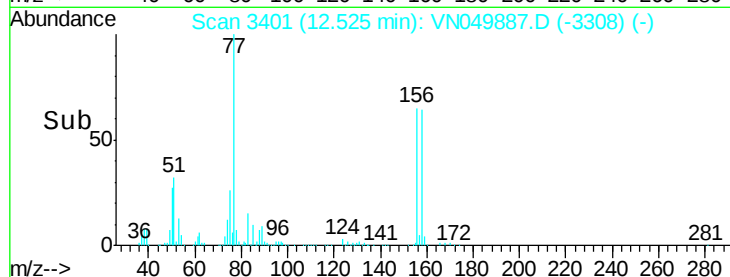
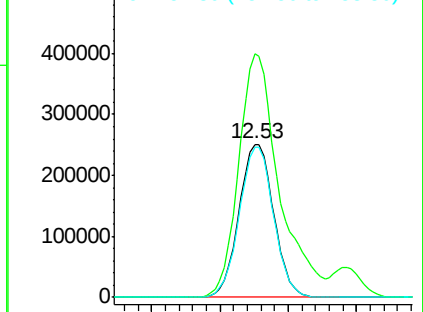
158 97.4 49.1 147.3



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: 49.64 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049887.D

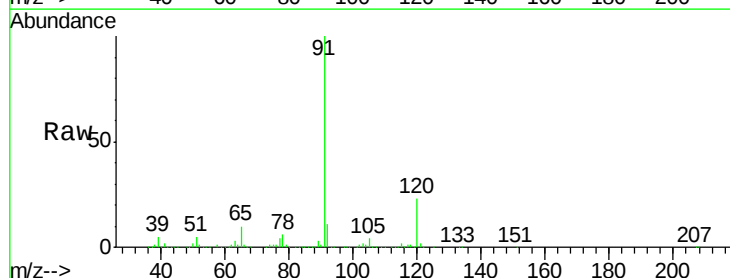
Acq: 18 Jul 2018 21:57

Tgt Ion: 91 Resp: 1941264

Ion Ratio Lower Upper

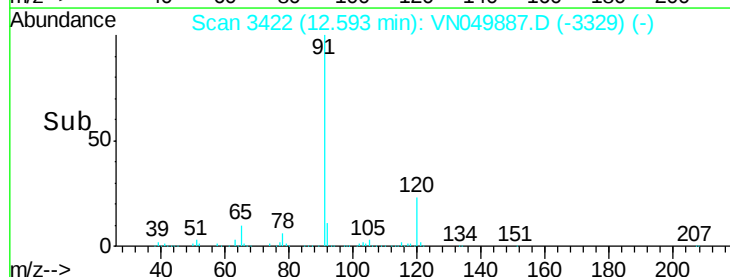
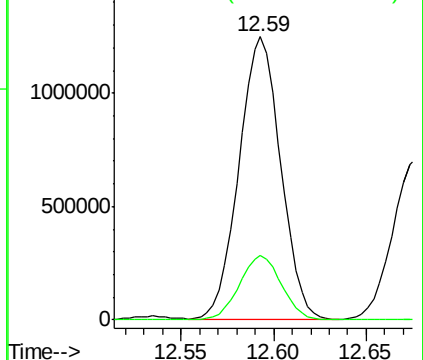
91 100

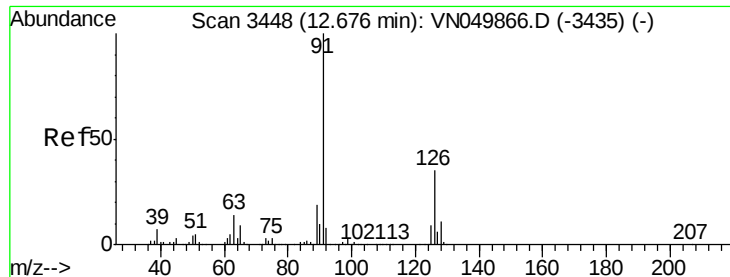
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.90 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

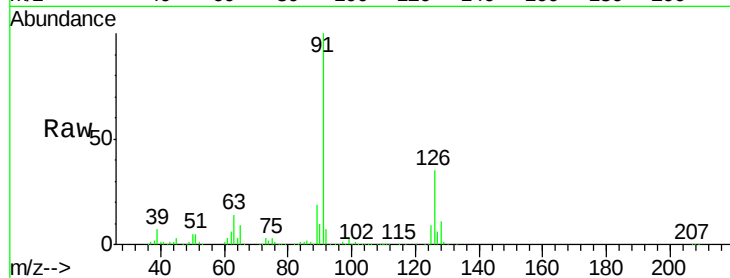
ClientSampled :

Tot Ion: 91 Resp: 1150198

Ion Ratio Lower Upper

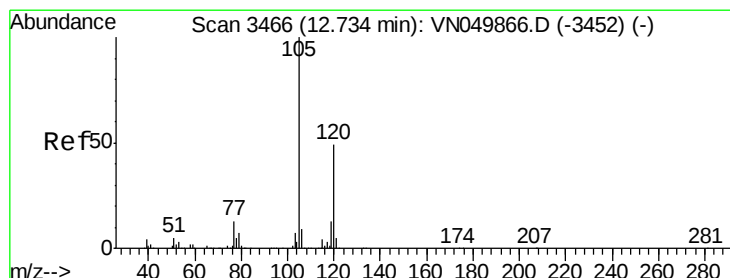
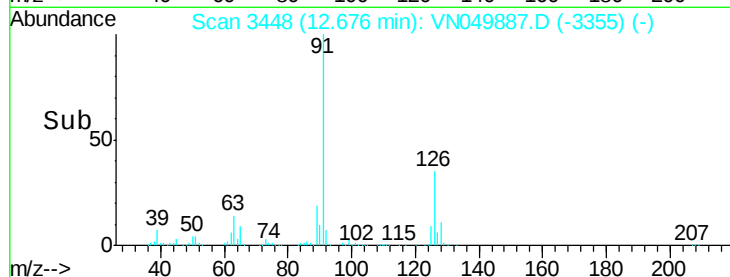
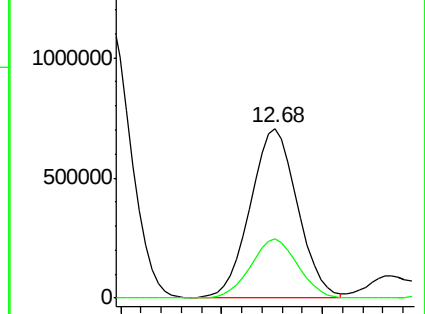
91 100

126 35.0 17.5 52.5



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

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



#80

1,3,5-Trimethylbenzene

Concen: 50.50 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049887.D

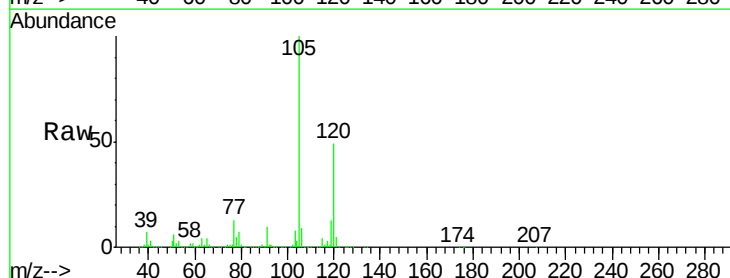
Acq: 18 Jul 2018 21:57

Tgt Ion: 105 Resp: 1392154

Ion Ratio Lower Upper

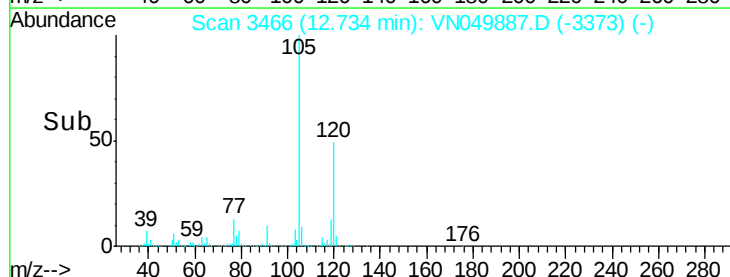
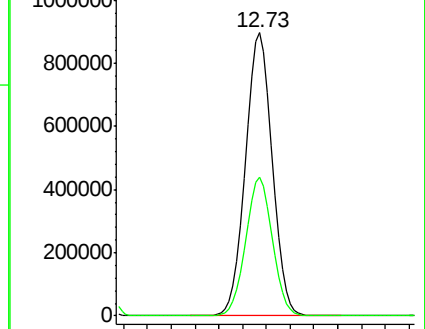
105 100

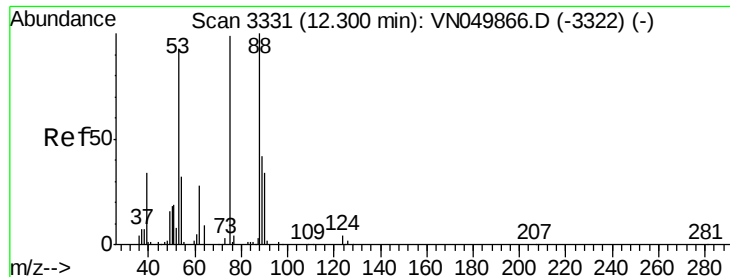
120 48.8 24.3 72.8



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 50.51 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

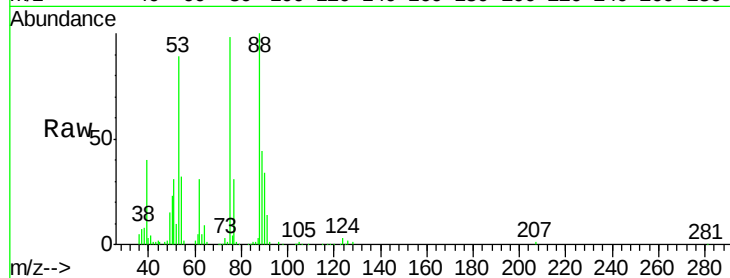
Tot Ion: 75 Resp: 137207

Ion Ratio Lower Upper

75 100

53 92.9 73.9 110.9

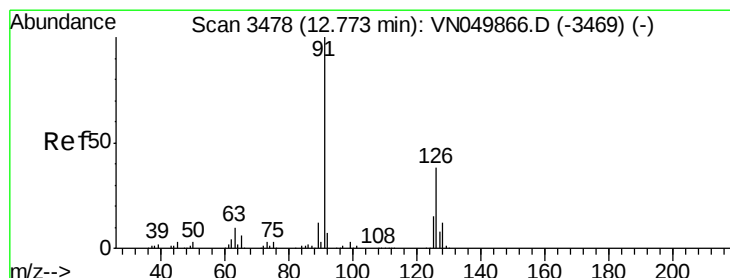
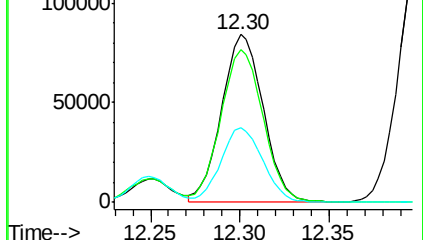
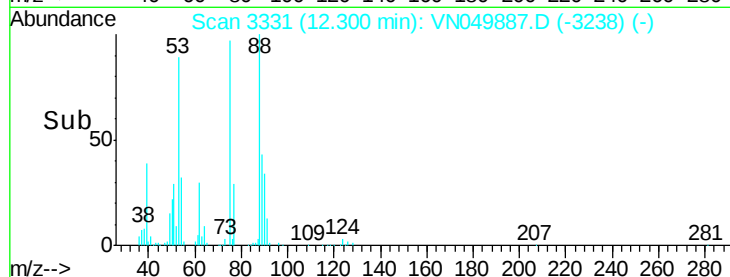
89 45.1 35.9 53.9



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: 49.19 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049887.D

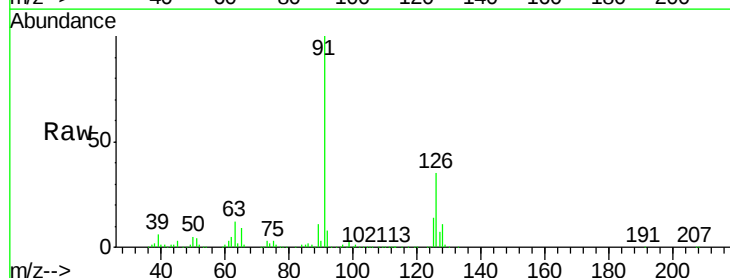
Acq: 18 Jul 2018 21:57

Tgt Ion: 91 Resp: 1184825

Ion Ratio Lower Upper

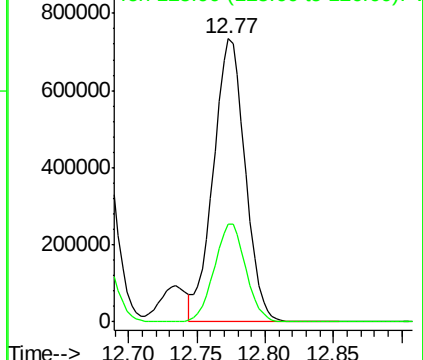
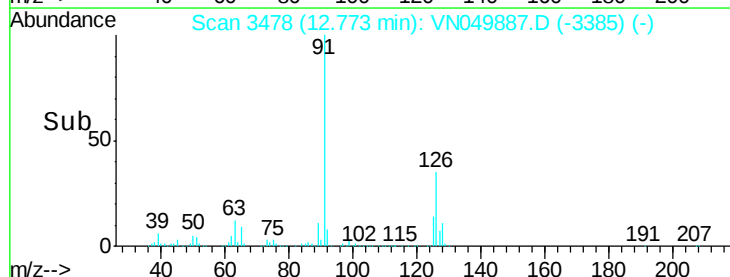
91 100

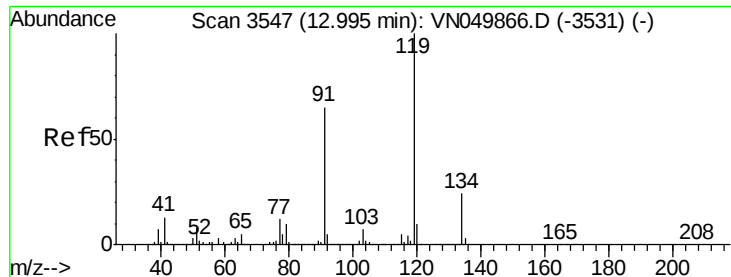
126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

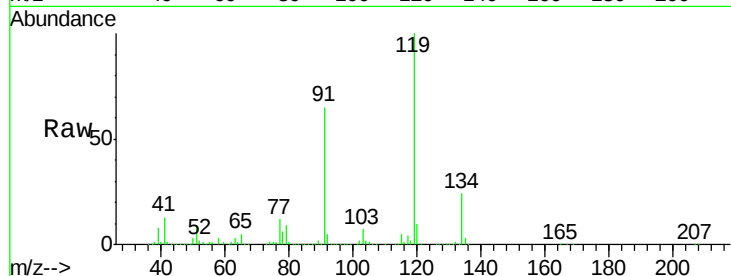




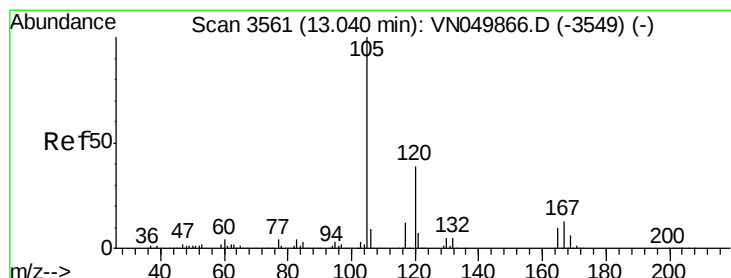
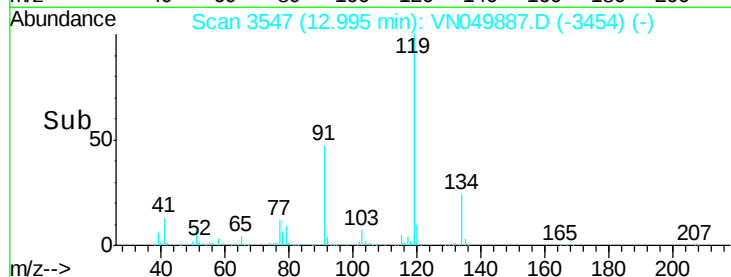
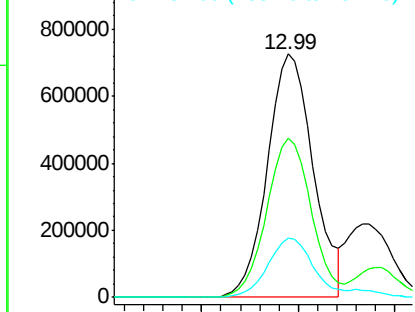
#83
 tert-Butylbenzene
 Concen: 49.32 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 1194178
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.0 96.2
 134 26.2 12.8 38.4

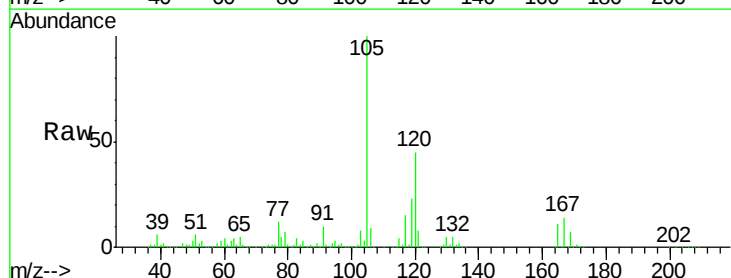


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

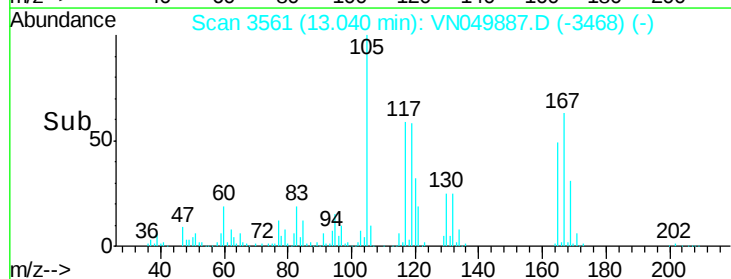
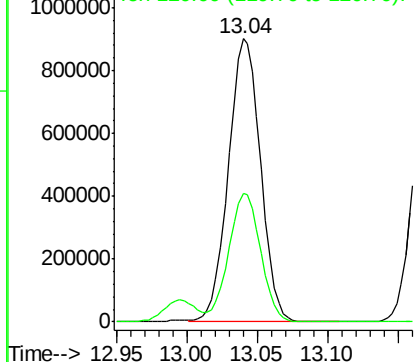


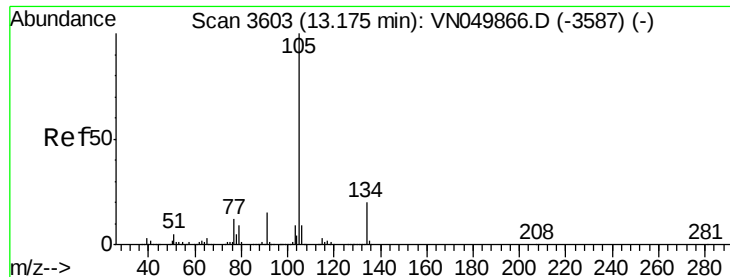
#84
 1,2,4-Trimethylbenzene
 Concen: 51.26 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion:105 Resp: 1431551
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.06 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

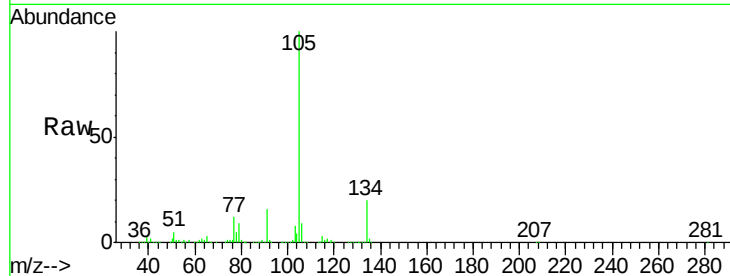
ClientSampleId :

Tot Ion:105 Resp: 1601621

Ion Ratio Lower Upper

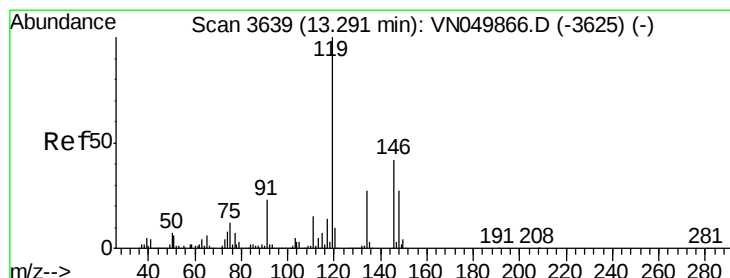
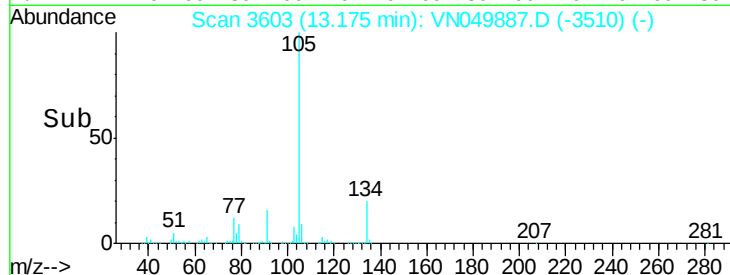
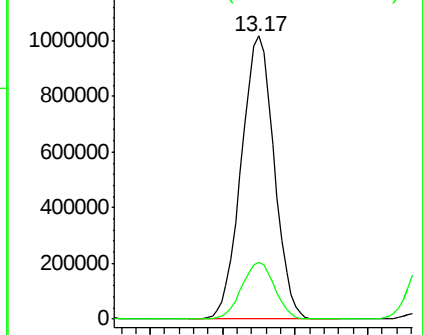
105 100

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



#86

p-Isopropyltoluene

Concen: 51.44 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

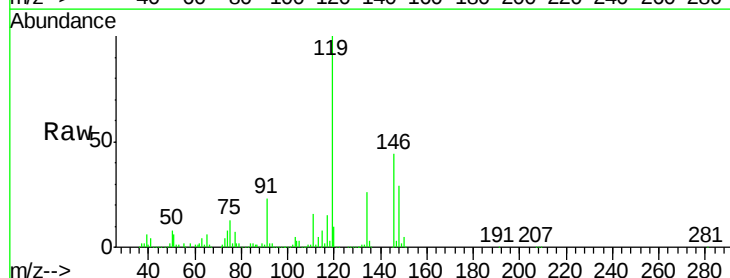
Tgt Ion:119 Resp: 1403222

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

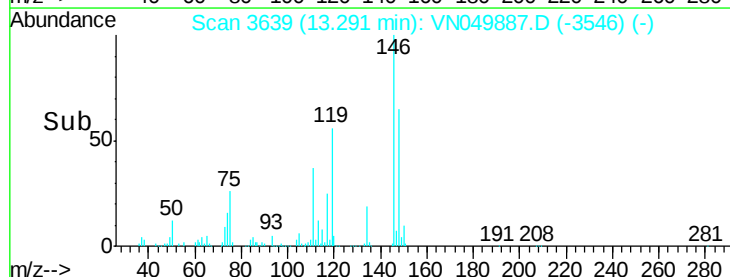
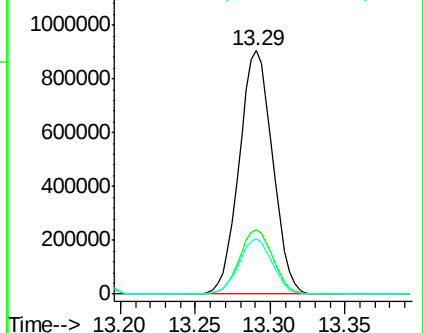
91 22.6 11.4 34.1

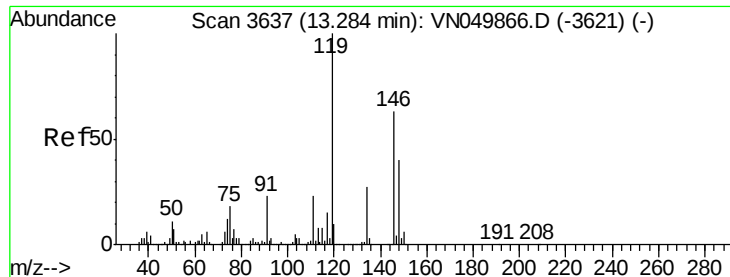


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.18 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampled :

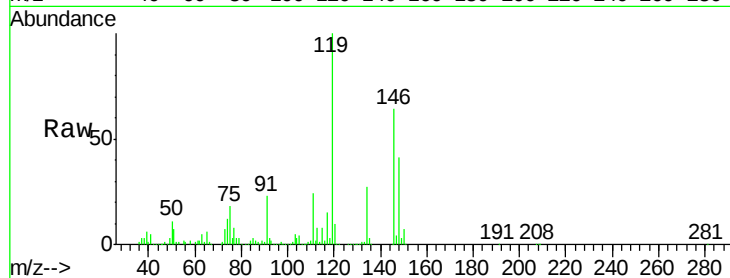
Tot Ion:146 Resp: 780731

Ion Ratio Lower Upper

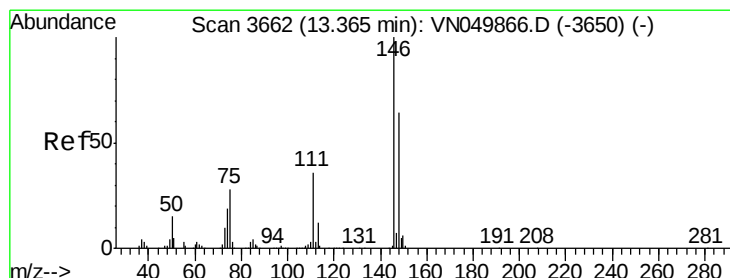
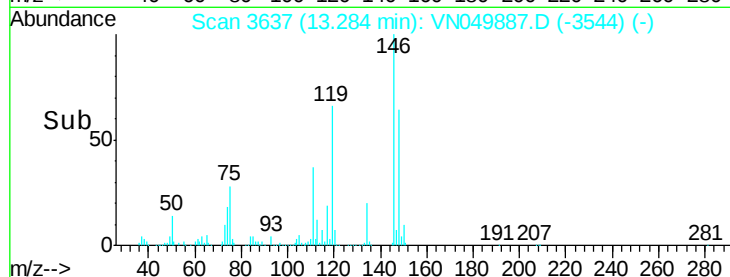
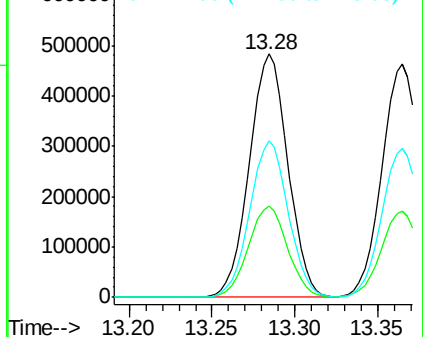
146 100

111 37.9 19.0 57.0

148 64.2 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 45.87 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

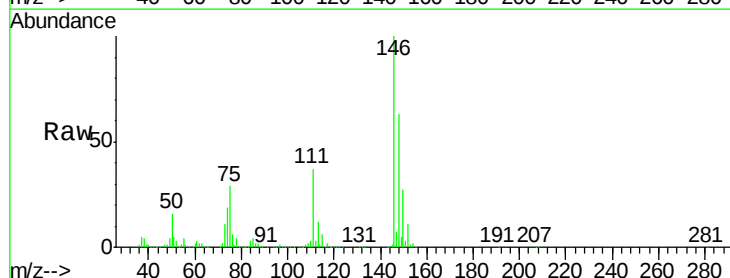
Tgt Ion:146 Resp: 761056

Ion Ratio Lower Upper

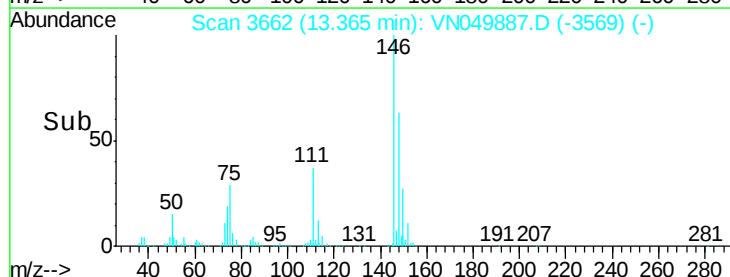
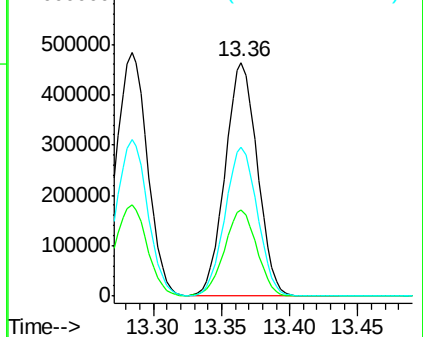
146 100

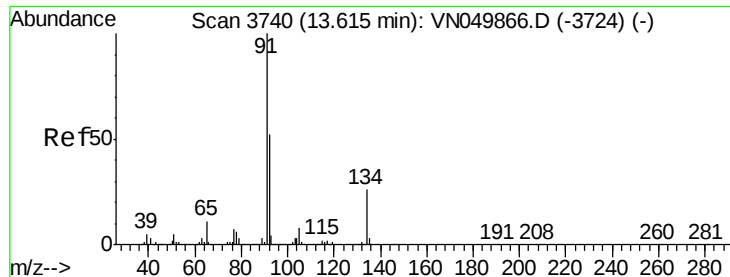
111 36.9 18.9 56.5

148 64.3 32.1 96.3



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





#89

n-Butylbenzene

Concen: 50.81 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampled :

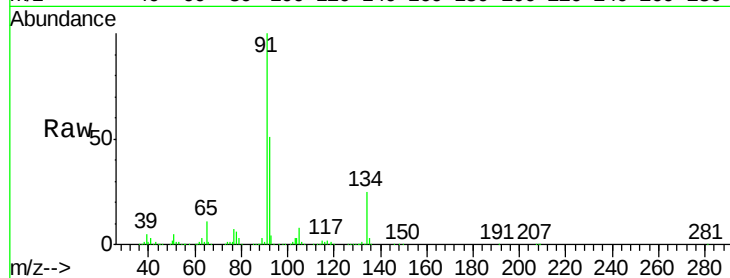
Tot Ion: 91 Resp: 1144380

Ion Ratio Lower Upper

91 100

92 51.6 25.8 77.3

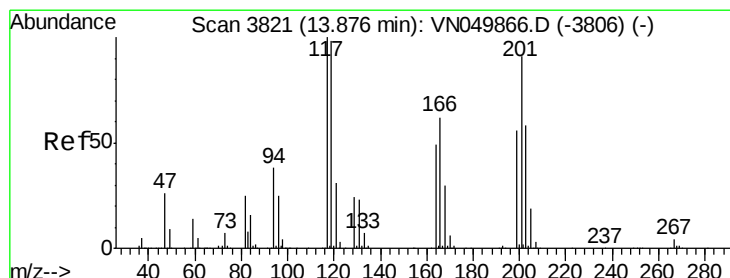
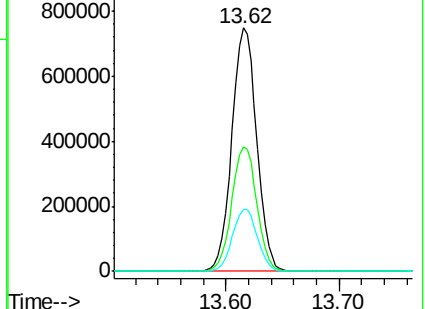
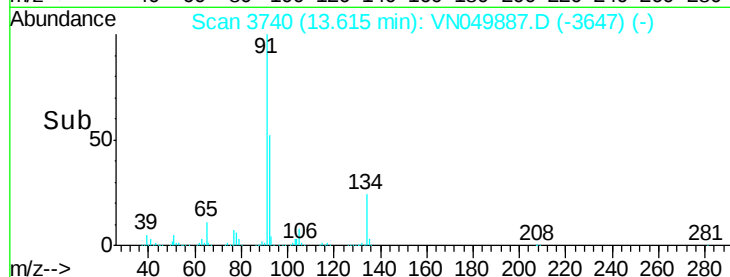
134 25.7 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN049866.D (-3724) (-)

Ion 92.00 (91.70 to 92.70): VN049866.D (-3724) (-)

Ion 134.00 (133.70 to 134.70): VN049866.D (-3724) (-)



#90

Hexachloroethane

Concen: 43.29 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049887.D

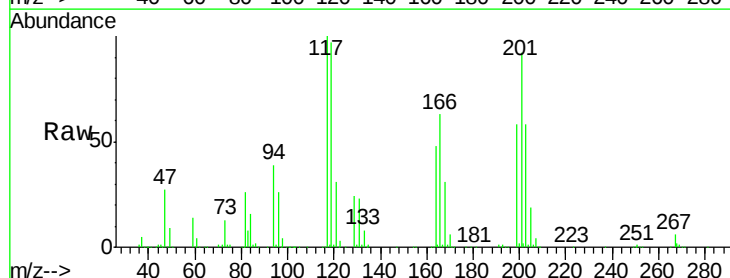
Acq: 18 Jul 2018 21:57

Tgt Ion: 117 Resp: 265038

Ion Ratio Lower Upper

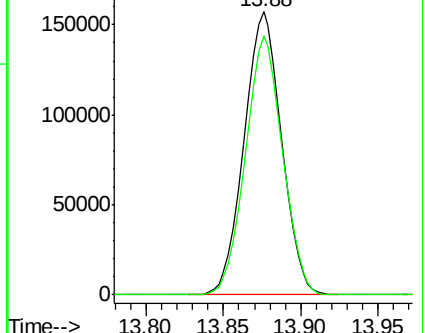
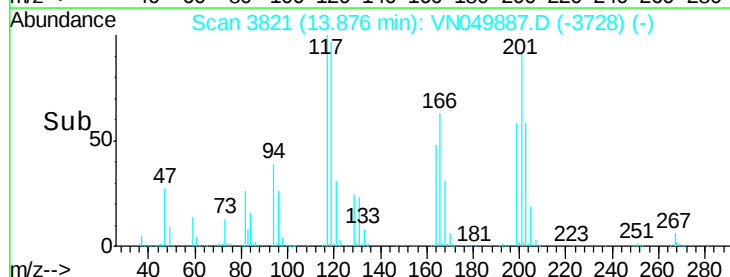
117 100

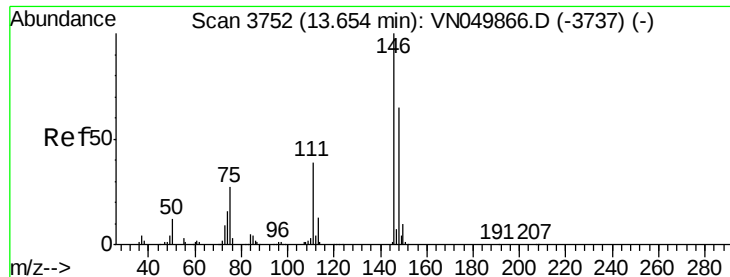
201 90.7 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): VN049866.D (-3806) (-)

Ion 200.70 (200.40 to 201.40): VN049866.D (-3806) (-)

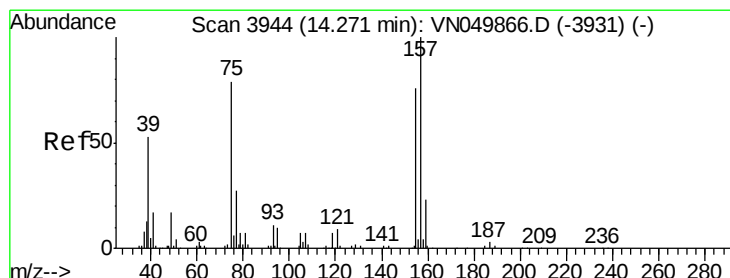
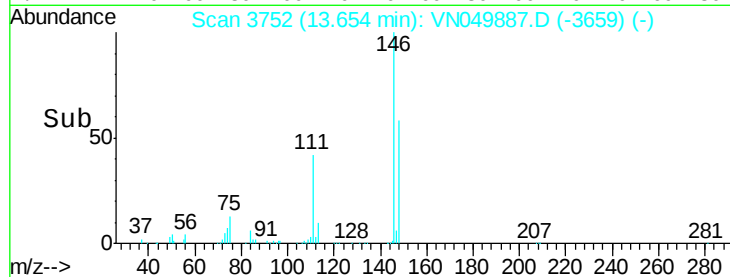
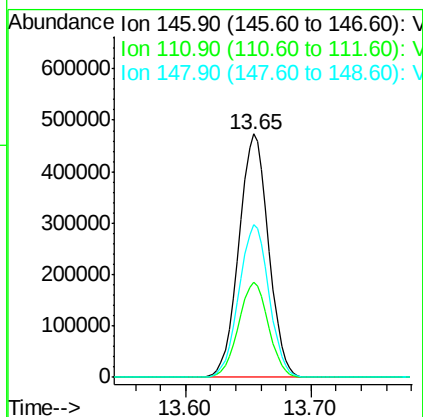
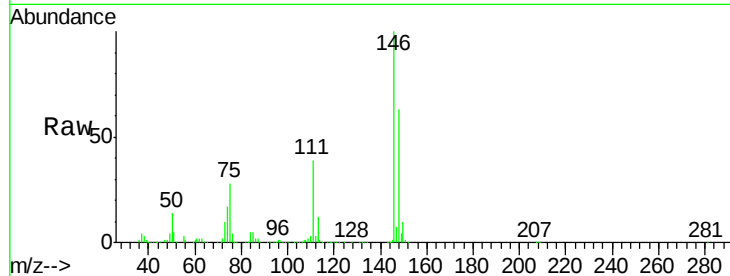




#91
 1,2-Dichlorobenzene
 Concen: 47.75 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

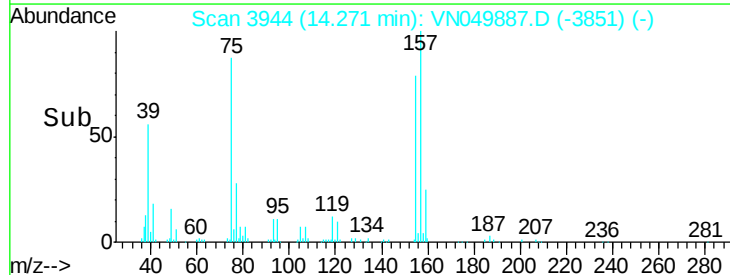
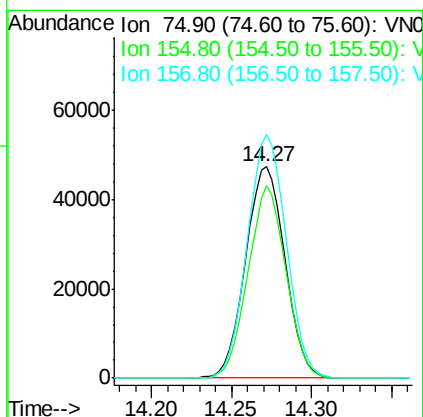
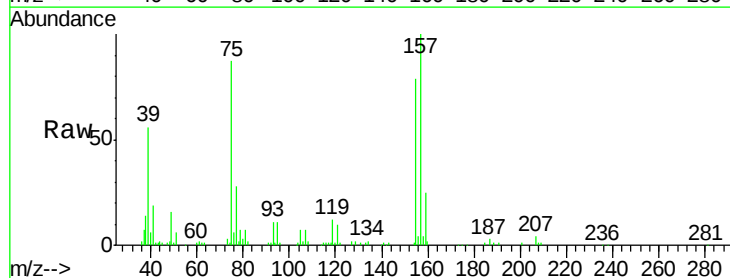
Instrument :
 MSVOA_N
 ClientSampleId :

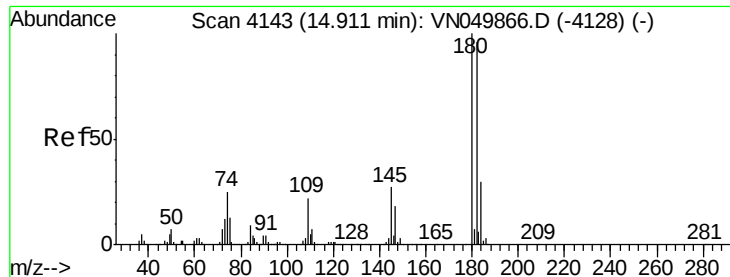
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	63.8	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.15 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049887.D
 Acq: 18 Jul 2018 21:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	45.7	137.1
157	113.8	56.9	170.7





#93

1,2,4-Trichlorobenzene

Concen: 45.10 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

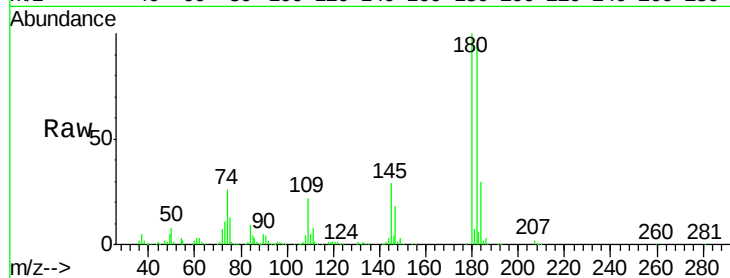
Tot Ion:180 Resp: 401324

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.9

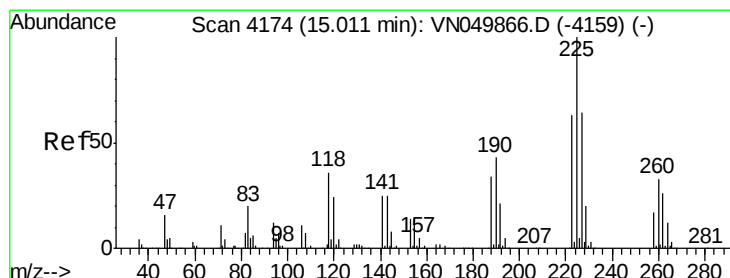
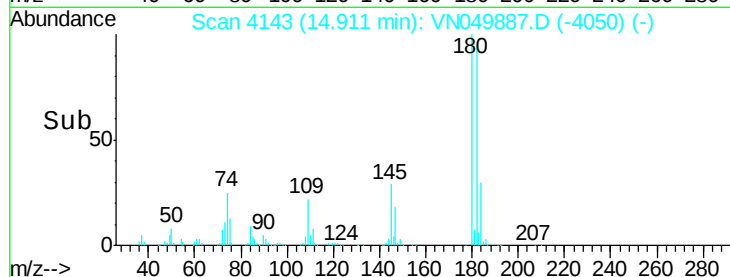
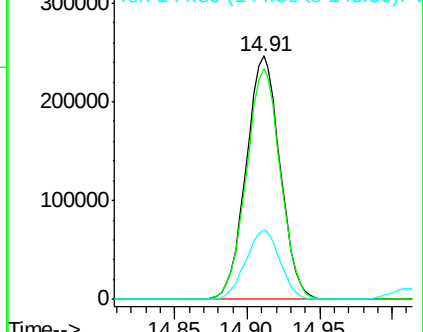
145 28.8 14.4 43.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 43.85 ug/l

RT: 15.01 min Scan# 4174

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

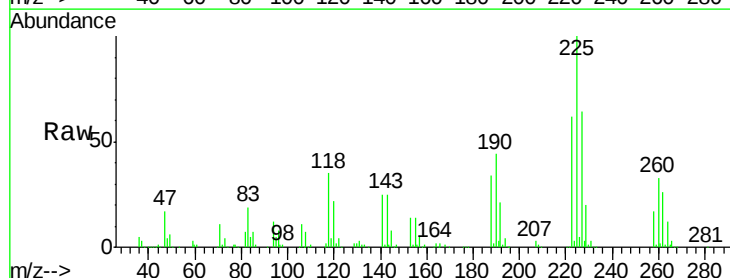
Tgt Ion:225 Resp: 233815

Ion Ratio Lower Upper

225 100

223 62.3 30.9 92.7

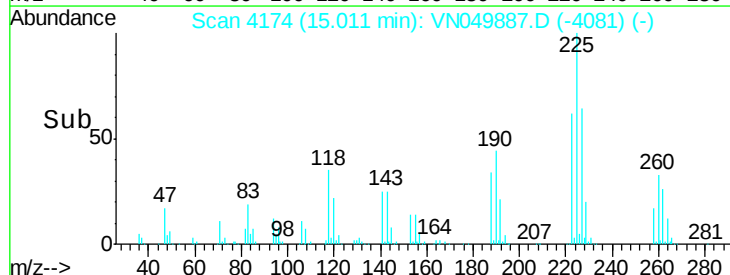
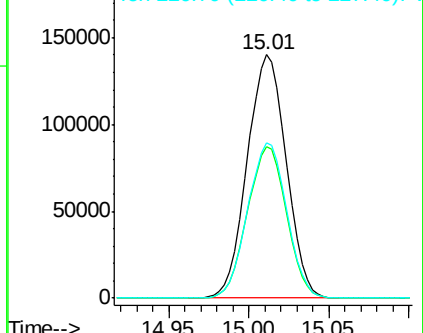
227 63.8 31.8 95.4

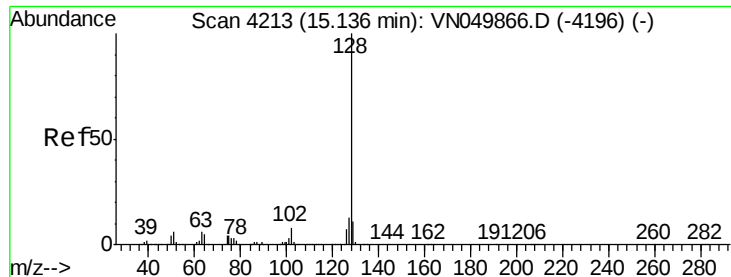


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 44.78 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

Instrument :

MSVOA_N

ClientSampleId :

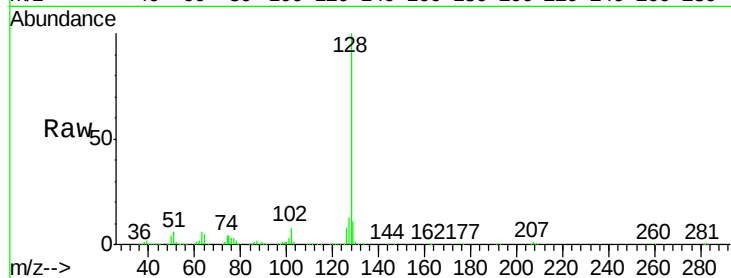
Tot Ion:128 Resp: 949384

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

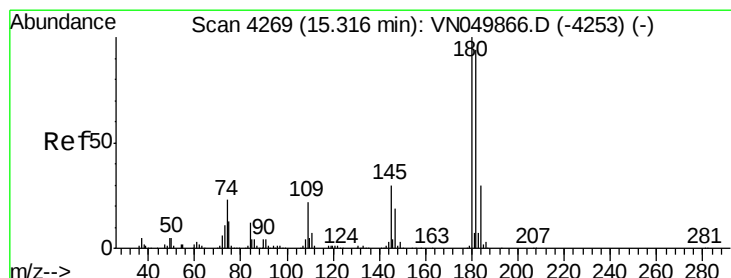
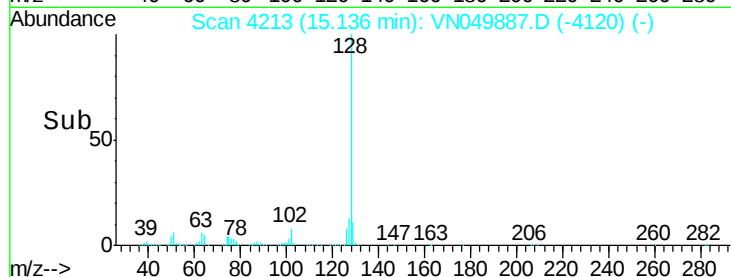
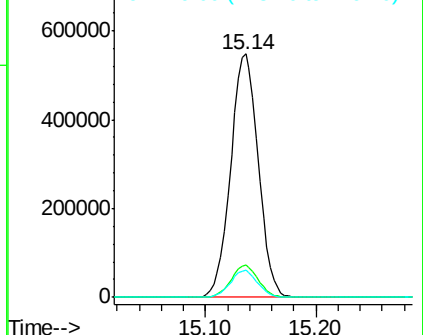
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.70 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN049887.D

Acq: 18 Jul 2018 21:57

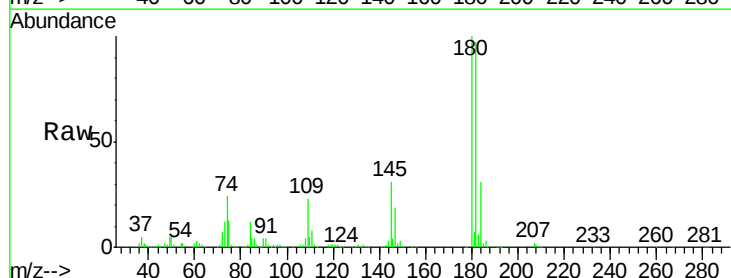
Tgt Ion:180 Resp: 403572

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.2

145 30.9 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

