

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072318\
 Data File : VN050002.D
 Acq On : 23 Jul 2018 10:17
 Operator : MD\SY
 Sample : VN0723WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Quant Time: Jul 24 04:11:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	865547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	777593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399478	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	385179	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
35) Dibromofluoromethane	7.59	113	341995	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
50) Toluene-d8	10.09	98	1236256	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
62) 4-Bromofluorobenzene	12.40	95	412771	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	95841	17.060	ug/l	99
3) Chloromethane	2.06	50	123578	15.507	ug/l	99
4) Vinyl Chloride	2.18	62	139119	16.368	ug/l	99
5) Bromomethane	2.56	94	91448	18.024	ug/l	98
6) Chloroethane	2.70	64	92634	16.688	ug/l	98
7) Trichlorofluoromethane	3.01	101	201249	17.224	ug/l	96
8) Diethyl Ether	3.41	74	74085	18.174	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	128498	17.836	ug/l	99
10) Methyl Iodide	3.95	142	129606	13.409	ug/l	98
11) Tert butyl alcohol	4.81	59	50139	87.708	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	108298	17.111	ug/l	99
13) Acrolein	3.61	56	19409	52.689	ug/l	94
14) Allyl chloride	4.32	41	179262	17.966	ug/l	98
15) Acrylonitrile	4.99	53	228735	90.981	ug/l	100
16) Acetone	3.82	43	189180	91.059	ug/l	98
17) Carbon Disulfide	4.04	76	277426	14.648	ug/l	100
18) Methyl Acetate	4.33	43	140201	20.997	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	332669	19.102	ug/l	98
20) Methylene Chloride	4.55	84	135589	17.162	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	117712	17.514	ug/l	99
22) Diisopropyl ether	5.96	45	401326	19.711	ug/l	99
23) Vinyl Acetate	5.90	43	1297957	90.854	ug/l	99
24) 1,1-Dichloroethane	5.85	63	242265	18.535	ug/l	100
25) 2-Butanone	6.84	43	277786	93.555	ug/l	97
26) 2,2-Dichloropropane	6.82	77	205557	20.211	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	137795	18.684	ug/l	98
28) Bromochloromethane	7.19	49	119472	20.238	ug/l	98
29) Tetrahydrofuran	7.22	42	173280	92.640	ug/l	99
30) Chloroform	7.37	83	250660	18.680	ug/l	100
31) Cyclohexane	7.65	56	185695	17.453	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	209827	18.092	ug/l	98
36) 1,1-Dichloropropene	7.79	75	172596	17.934	ug/l	100
37) Ethyl Acetate	6.93	43	118638	17.952	ug/l	100
38) Carbon Tetrachloride	7.77	117	184870	17.933	ug/l	99

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 Acq On : 23 Jul 2018 10:17
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 Sample : VN0723WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VN0723WBS01

Quant Time: Jul 24 04:11:33 2018
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 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	171733	17.273	ug/l	97
40) Benzene	8.04	78	537371	18.320	ug/l	100
41) Methacrylonitrile	7.18	41	56351	17.010	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	179906	18.518	ug/l	100
43) Isopropyl Acetate	8.17	43	215077	18.628	ug/l	97
44) Trichloroethene	8.83	130	142611	18.542	ug/l	99
45) 1,2-Dichloropropane	9.12	63	147551	18.647	ug/l	99
46) Dibromomethane	9.21	93	90363	18.413	ug/l	98
47) Bromodichloromethane	9.40	83	192476	18.965	ug/l	96
48) Methyl methacrylate	9.20	41	101466	17.520	ug/l	100
49) 1,4-Dioxane	9.20	88	28168	342.849	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	607246	94.087	ug/l	99
52) Toluene	10.16	92	336468	19.230	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	185046	18.440	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	213307	19.233	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	133569	18.479	ug/l	99
56) Ethyl methacrylate	10.43	69	154420	17.380	ug/l	98
57) 1,3-Dichloropropane	10.71	76	212372	18.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	382865	90.395	ug/l	99
59) 2-Hexanone	10.75	43	402383	92.820	ug/l	99
60) Dibromochloromethane	10.90	129	145466	18.352	ug/l	100
61) 1,2-Dibromoethane	11.01	107	121504	17.990	ug/l	97
64) Tetrachloroethene	10.63	164	136676	19.560	ug/l	99
65) Chlorobenzene	11.44	112	365415	18.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	141730	18.729	ug/l	99
67) Ethyl Benzene	11.51	91	595168	18.779	ug/l	99
68) m/p-Xylenes	11.62	106	462125	38.519	ug/l	99
69) o-Xylene	11.95	106	220432	19.130	ug/l	98
70) Styrene	11.97	104	366905	19.658	ug/l	99
71) Bromoform	12.13	173	99757	18.427	ug/l #	99
73) Isopropylbenzene	12.25	105	593836	19.570	ug/l	100
74) N-amyl acetate	12.07	43	166049	17.978	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	164736	18.119	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	196016	26.158	ug/l #	100
77) Bromobenzene	12.53	156	156146	18.635	ug/l	97
78) n-propylbenzene	12.59	91	696796	20.198	ug/l	100
79) 2-Chlorotoluene	12.68	91	425610	20.092	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	499342	20.531	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	41762	17.426	ug/l	95
82) 4-Chlorotoluene	12.77	91	422550	19.884	ug/l	99
83) tert-Butylbenzene	12.99	119	427471	20.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	514903	20.899	ug/l	99
85) sec-Butylbenzene	13.17	105	584338	20.702	ug/l	99
86) p-Isopropyltoluene	13.29	119	498642	20.722	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	281066	19.251	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	274591	18.760	ug/l	100
89) n-Butylbenzene	13.62	91	394040	19.833	ug/l	98
90) Hexachloroethane	13.88	117	96089	17.792	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	277166	19.309	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24266	17.275	ug/l	99

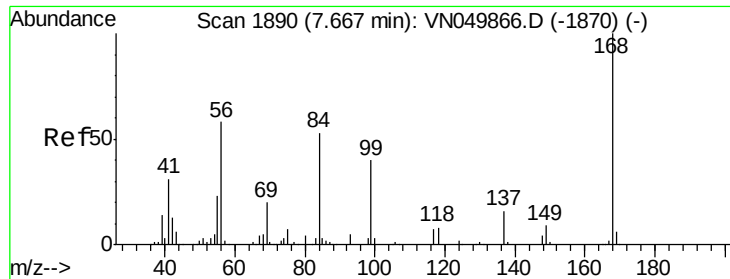
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072318\
Data File : VN050002.D
Acq On : 23 Jul 2018 10:17
Operator : MD\SY
Sample : VN0723WBS01
Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
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Quant Time: Jul 24 04:11:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	122027	17.821	ug/l	98
94) Hexachlorobutadiene	15.01	225	89990	19.130	ug/l	99
95) Naphthalene	15.14	128	239562	16.015	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	129272	18.772	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

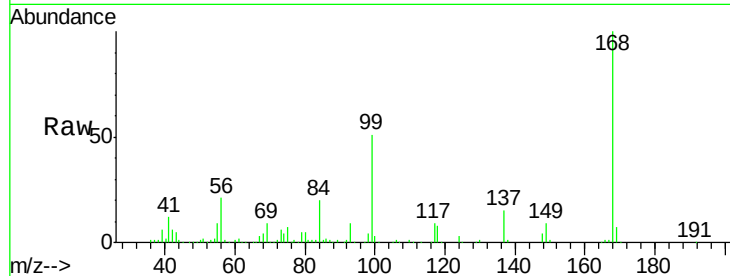
VN0723WBS01

Tgt Ion:168 Resp: 583819

Ion Ratio Lower Upper

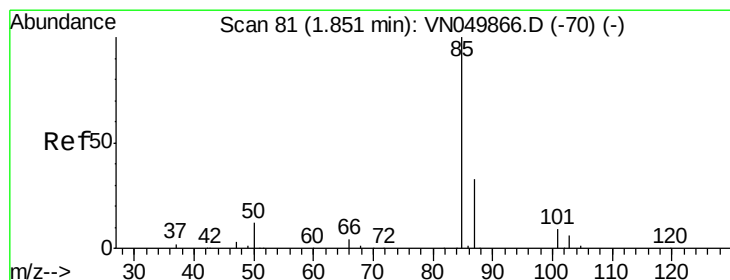
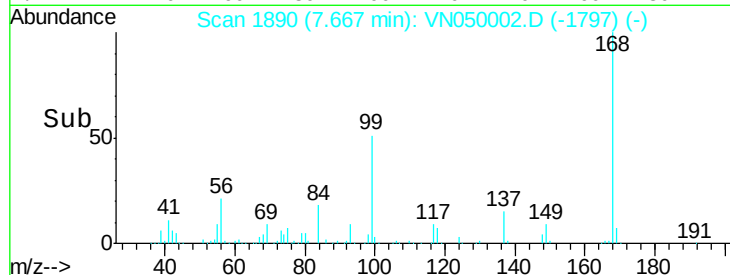
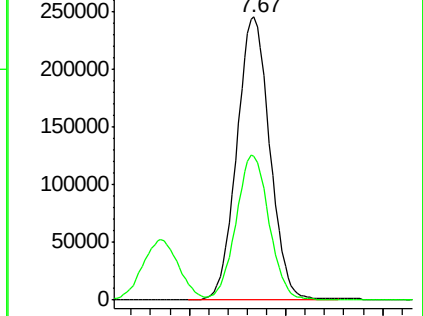
168 100

99 50.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 17.060 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050002.D

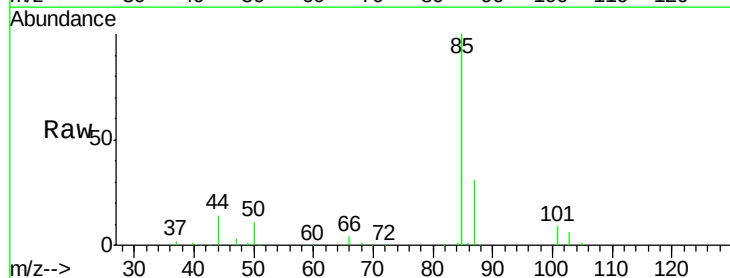
Acq: 23 Jul 2018 10:17

Tgt Ion: 85 Resp: 95841

Ion Ratio Lower Upper

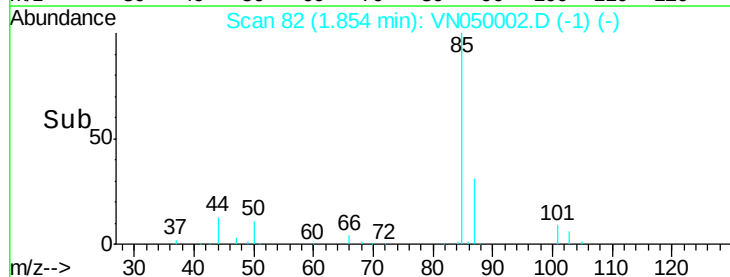
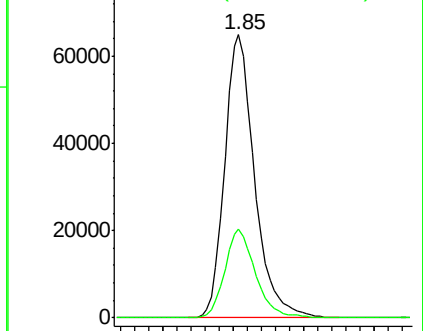
85 100

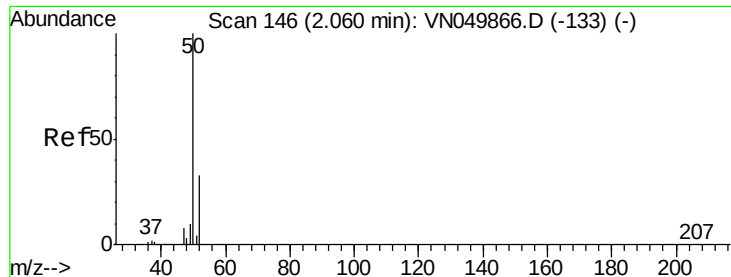
87 31.2 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 15.507 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

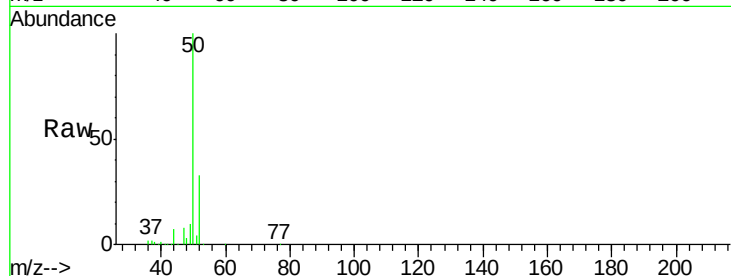
VN0723WBS01

Tgt Ion: 50 Resp: 123578

Ion Ratio Lower Upper

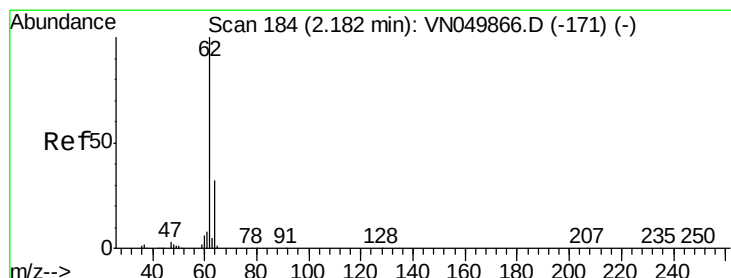
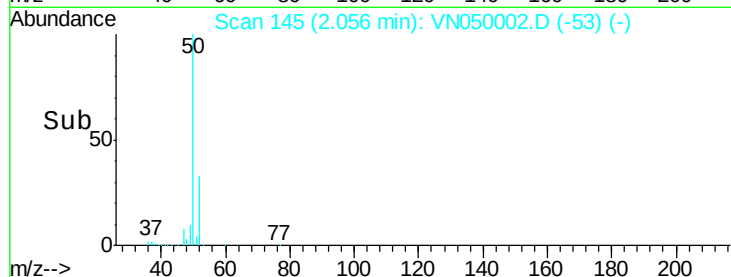
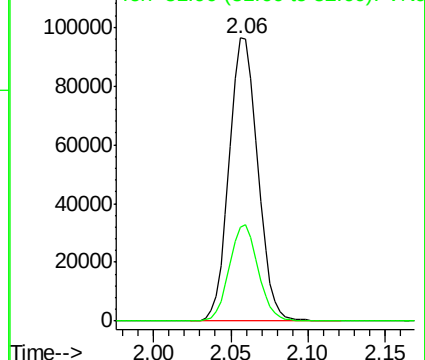
50 100

52 33.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 16.368 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050002.D

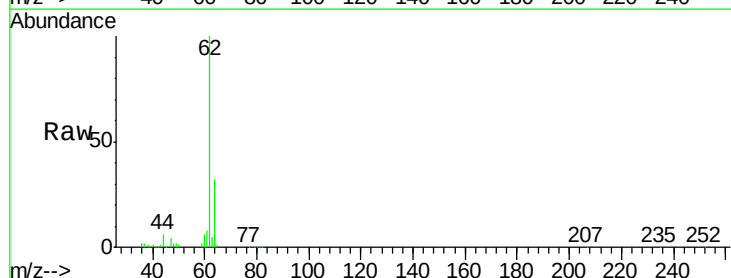
Acq: 23 Jul 2018 10:17

Tgt Ion: 62 Resp: 139119

Ion Ratio Lower Upper

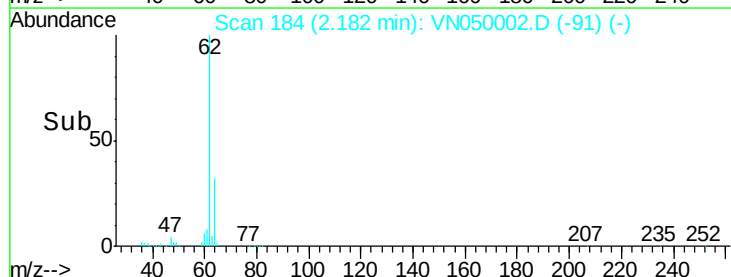
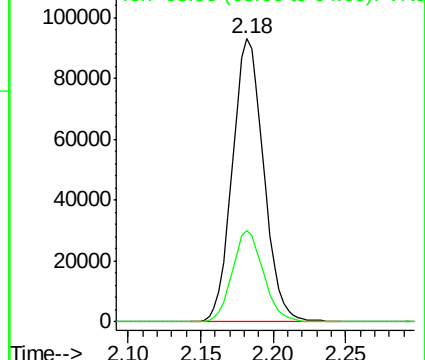
62 100

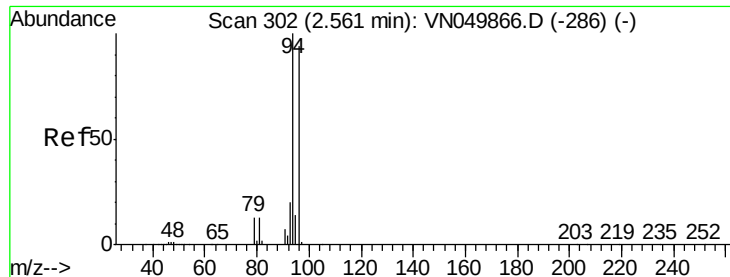
64 32.4 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.024 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

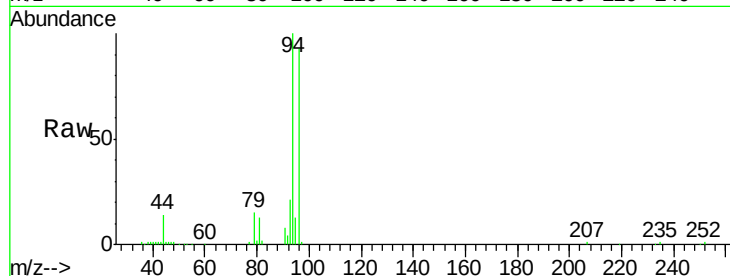
VN0723WBS01

Tgt Ion: 94 Resp: 91448

Ion Ratio Lower Upper

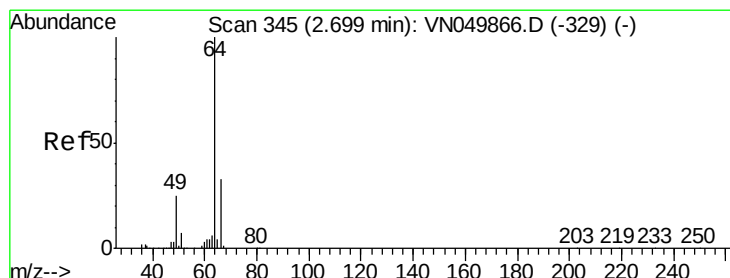
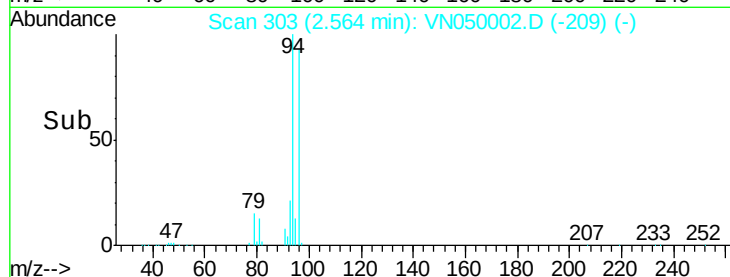
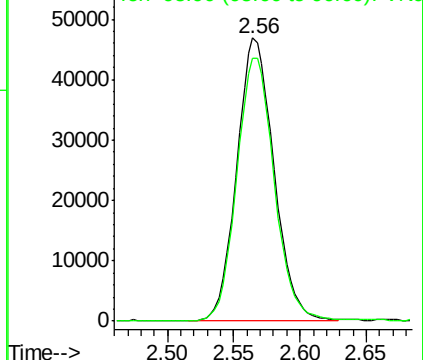
94 100

96 93.0 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.688 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050002.D

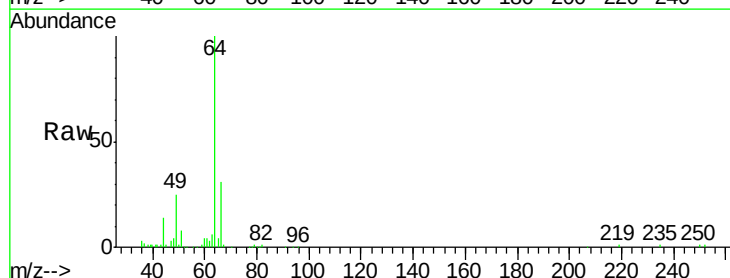
Acq: 23 Jul 2018 10:17

Tgt Ion: 64 Resp: 92634

Ion Ratio Lower Upper

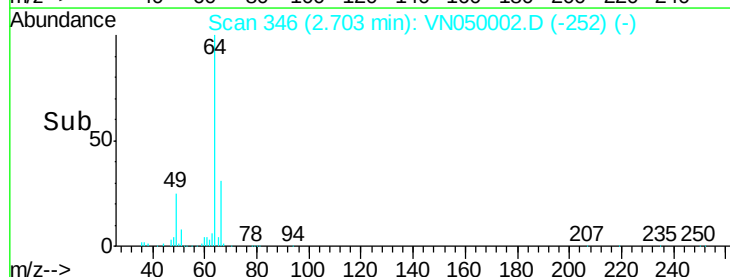
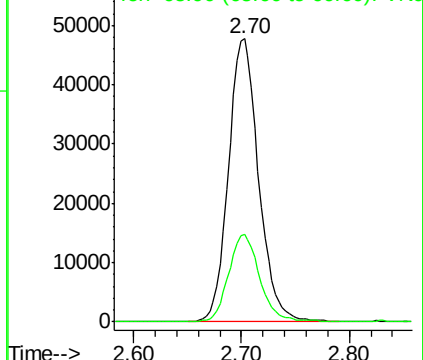
64 100

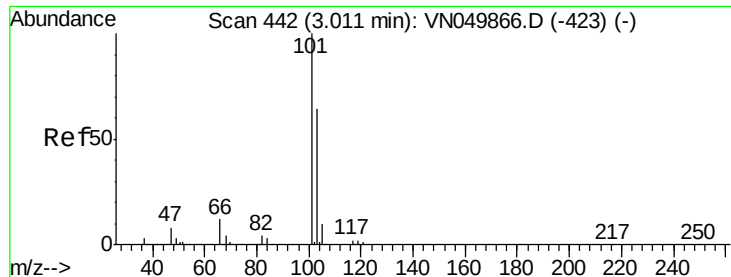
66 30.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



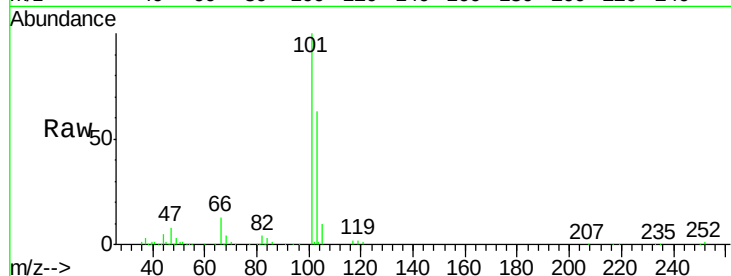


#7

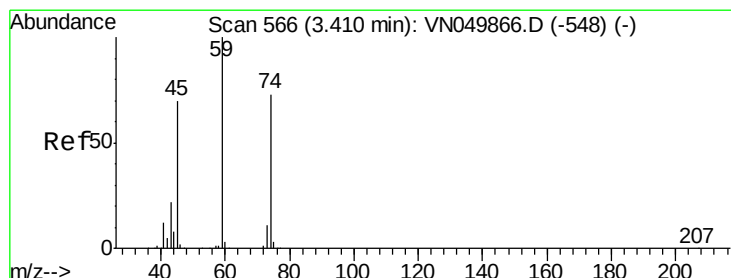
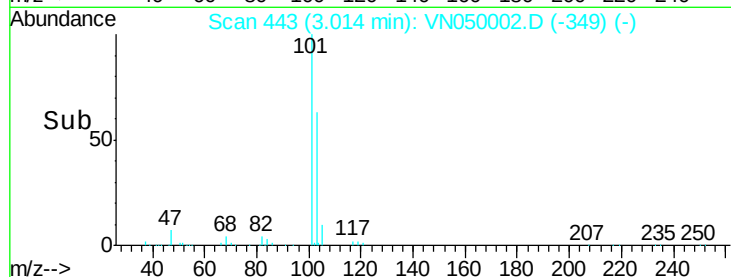
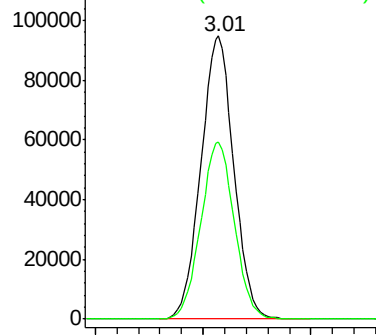
Trichlorofluoromethane
 Concen: 17.224 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0723WBS01

Tgt Ion:101 Resp: 201249
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.8 79.2



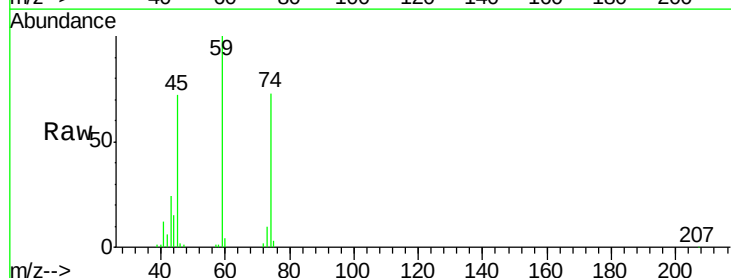
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



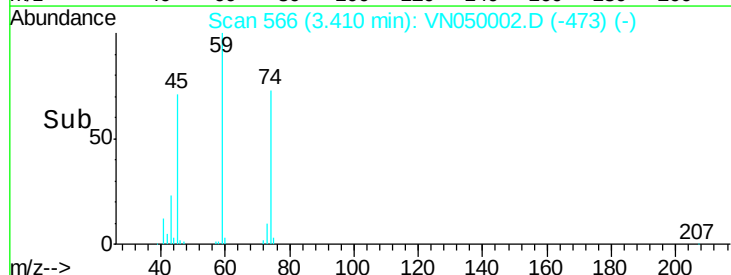
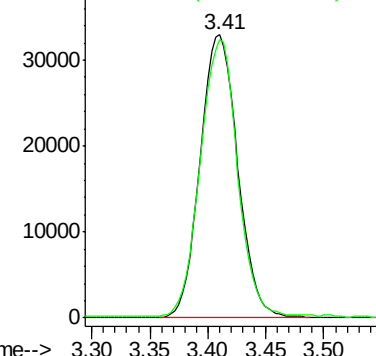
#8

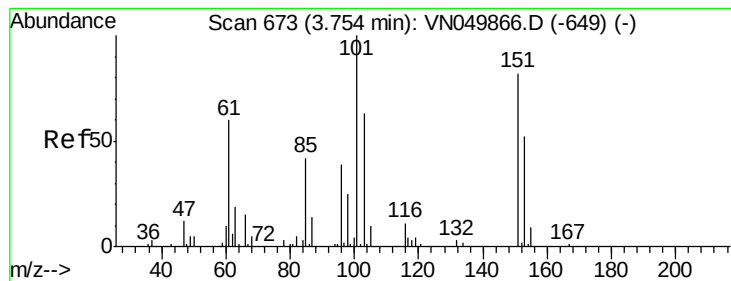
Diethyl Ether
 Concen: 18.174 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 74 Resp: 74085
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.836 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

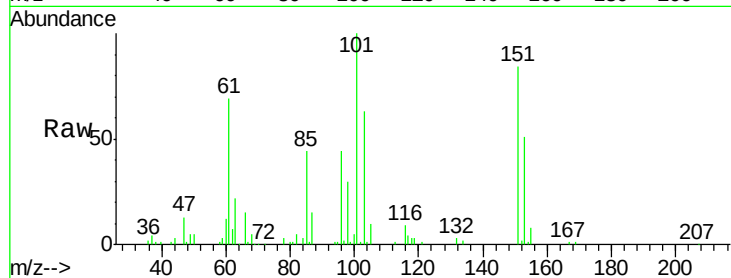
Tgt Ion:101 Resp: 128498

Ion Ratio Lower Upper

101 100

85 44.3 34.4 51.6

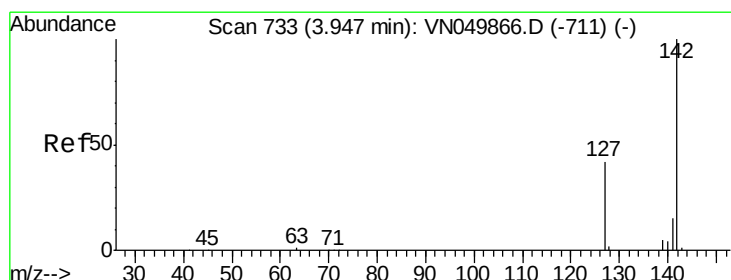
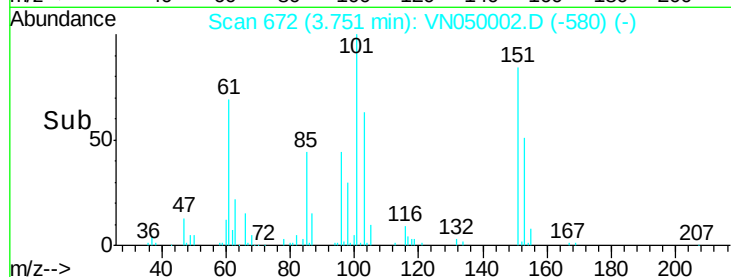
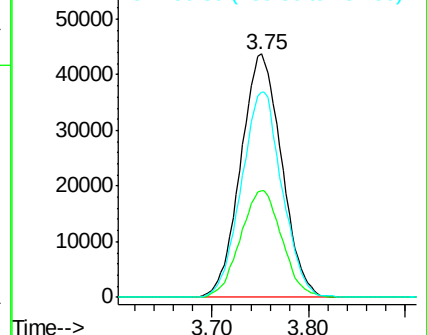
151 83.9 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.409 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

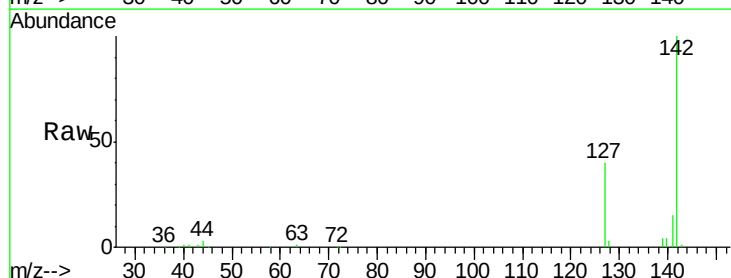
Tgt Ion:142 Resp: 129606

Ion Ratio Lower Upper

142 100

127 41.9 32.5 48.7

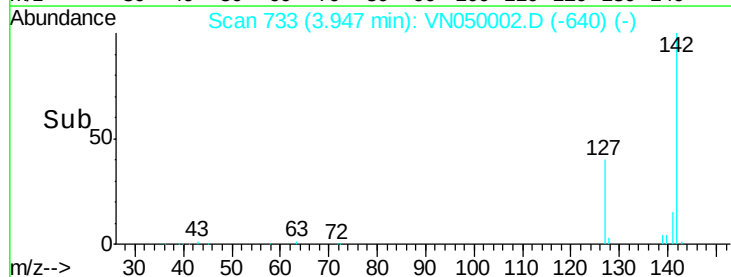
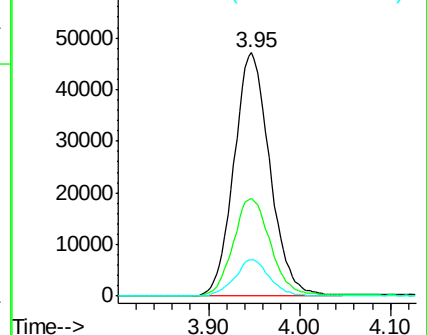
141 14.5 11.1 16.7

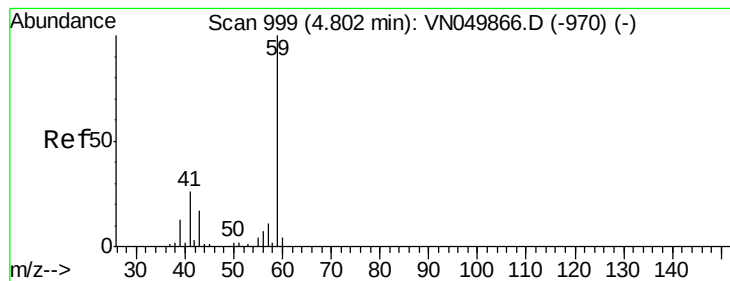


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 87.708 ug/l

RT: 4.81 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

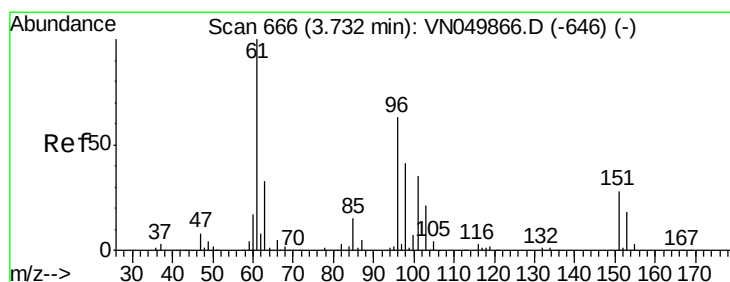
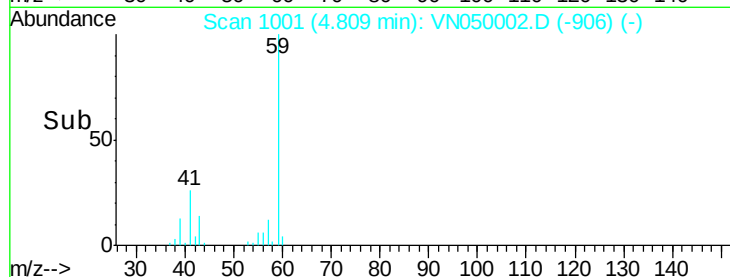
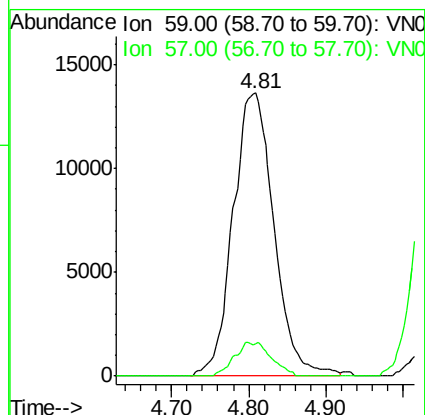
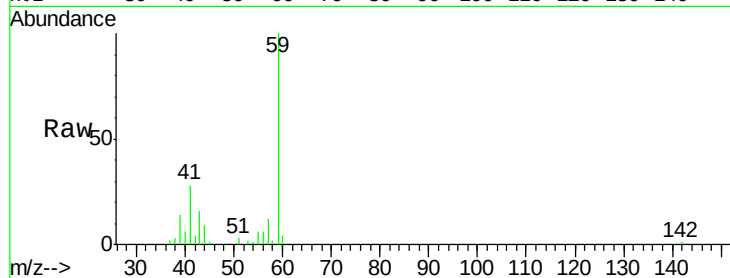
VN0723WBS01

Tgt Ion: 59 Resp: 50139

Ion Ratio Lower Upper

59 100

57 5.5 8.5 12.7#



#12

1,1-Dichloroethene

Concen: 17.111 ug/l

RT: 3.73 min Scan# 665

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

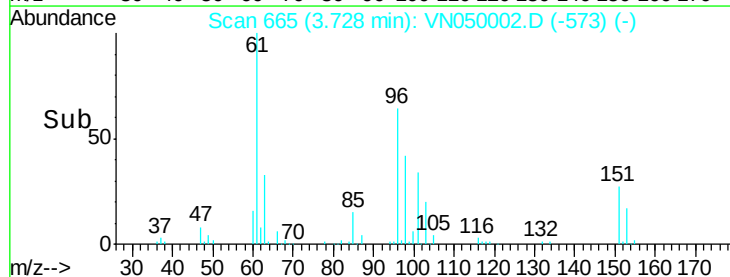
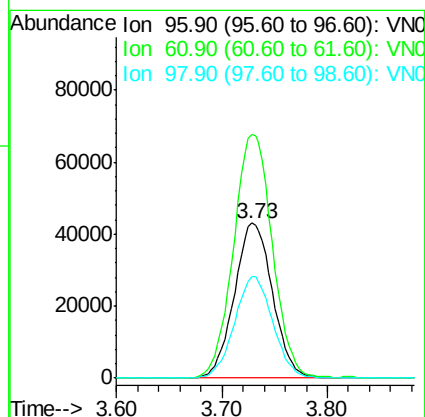
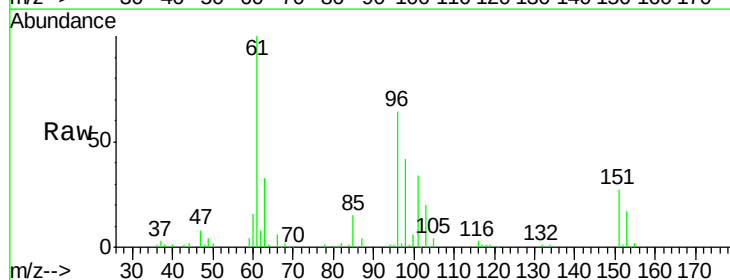
Tgt Ion: 96 Resp: 108298

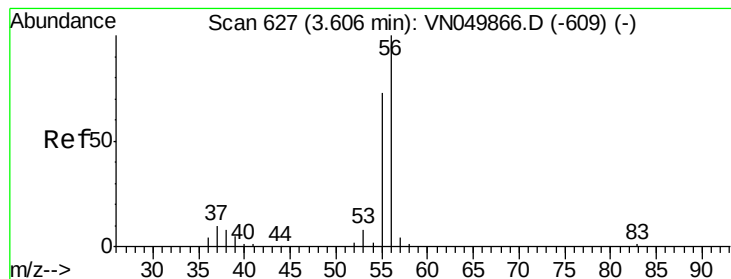
Ion Ratio Lower Upper

96 100

61 156.8 126.5 189.7

98 65.1 51.0 76.6





#13

Acrolein

Concen: 52.689 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

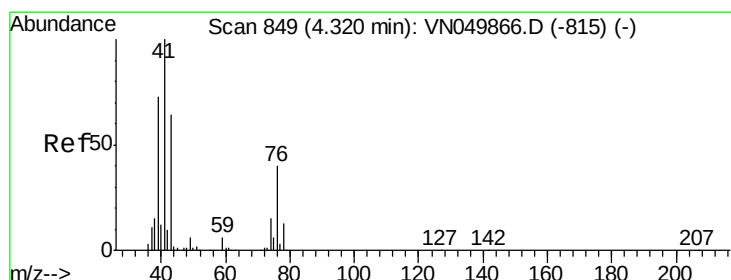
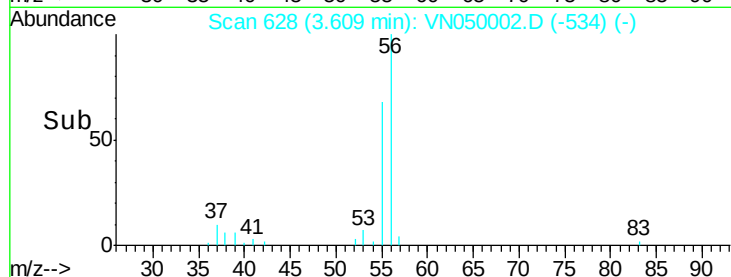
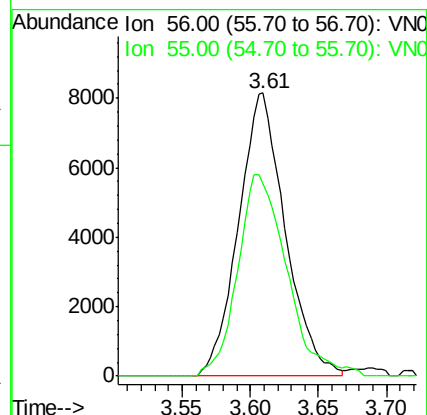
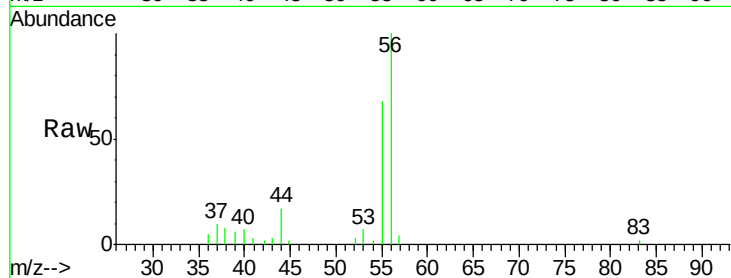
VN0723WBS01

Tgt Ion: 56 Resp: 19409

Ion Ratio Lower Upper

56 100

55 74.8 55.8 83.8



#14

Allyl chloride

Concen: 17.966 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

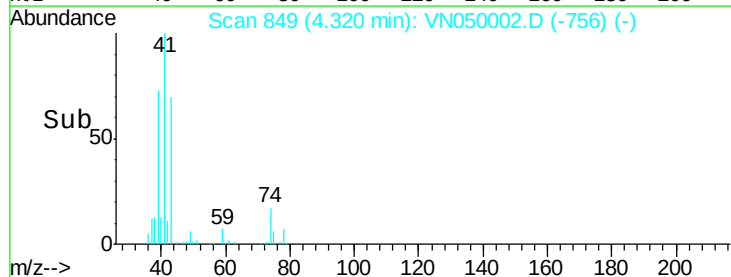
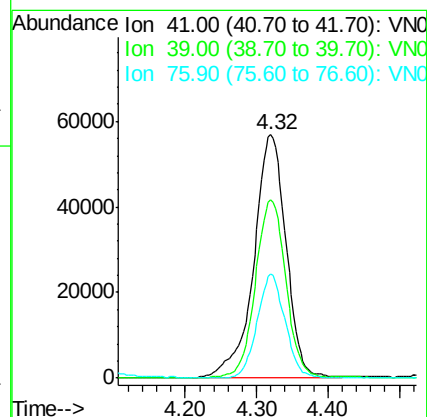
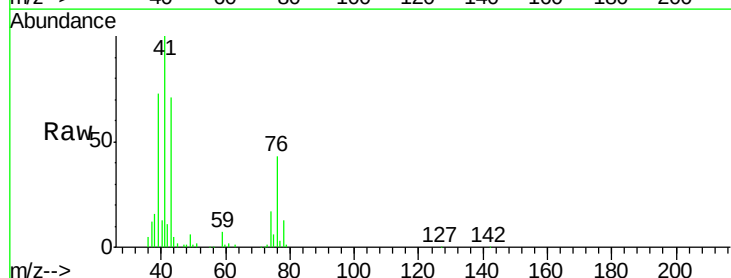
Tgt Ion: 41 Resp: 179262

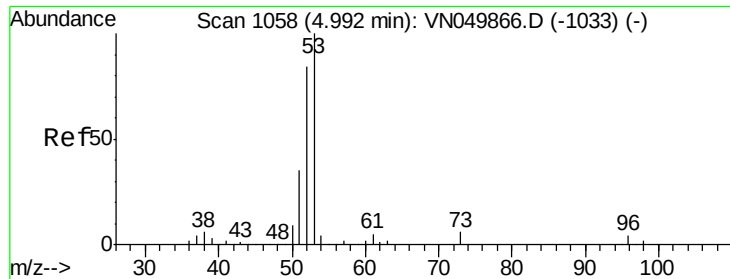
Ion Ratio Lower Upper

41 100

39 69.0 53.2 79.8

76 36.8 29.0 43.6

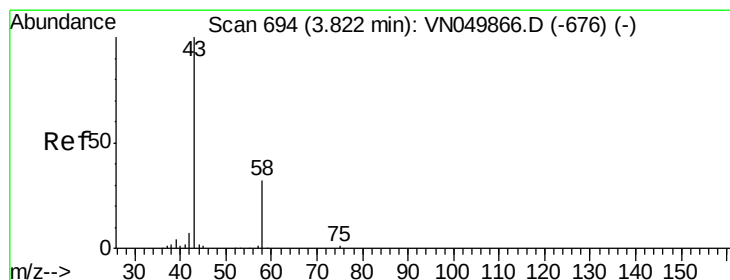
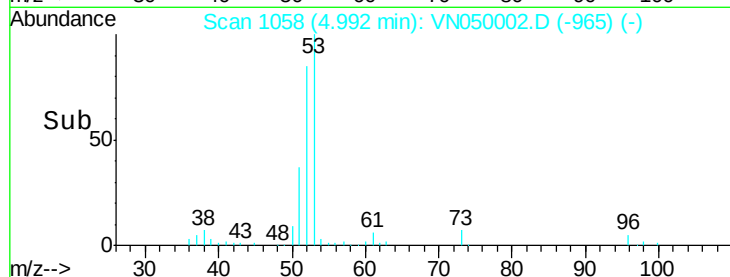
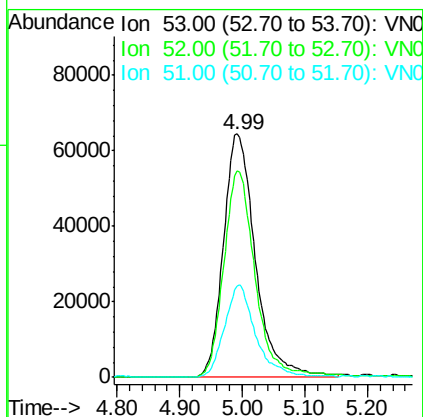
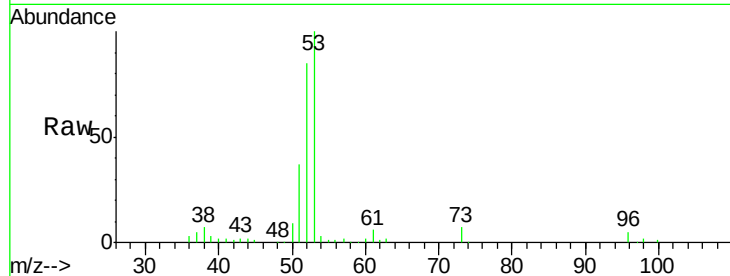




#15
 Acrylonitrile
 Concen: 90.981 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

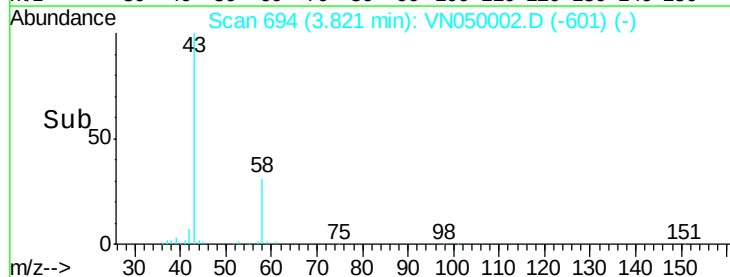
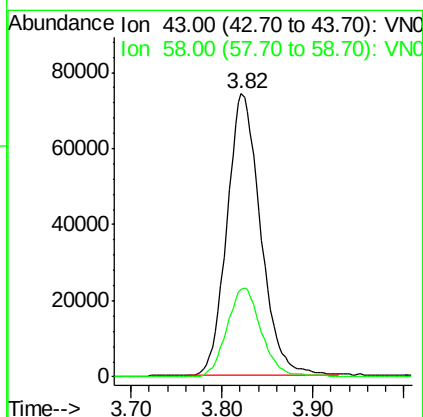
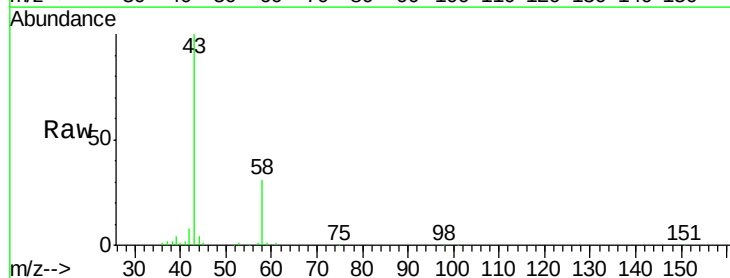
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

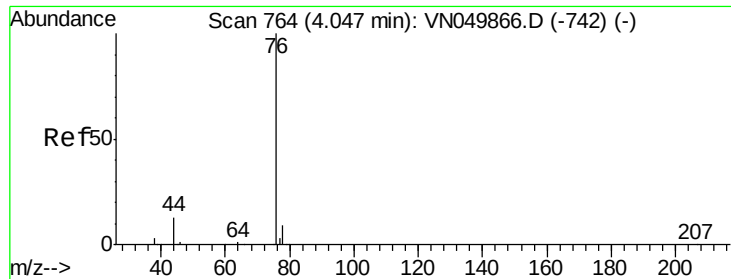
Tgt Ion: 53 Resp: 228735
 Ion Ratio Lower Upper
 53 100
 52 81.0 64.8 97.2
 51 36.7 28.9 43.3



#16
 Acetone
 Concen: 91.059 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 43 Resp: 189180
 Ion Ratio Lower Upper
 43 100
 58 31.3 25.9 38.9





#17

Carbon Disulfide

Concen: 14.648 ug/l

RT: 4.04 min Scan# 763

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

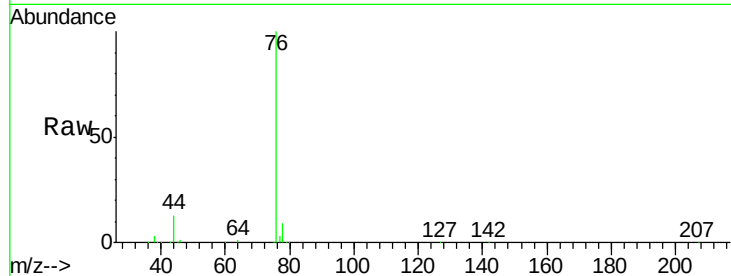
VN0723WBS01

Tgt Ion: 76 Resp: 277426

Ion Ratio Lower Upper

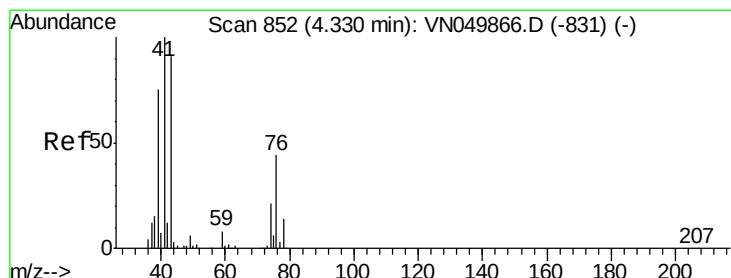
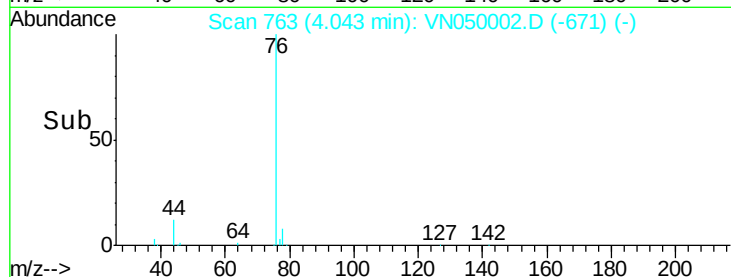
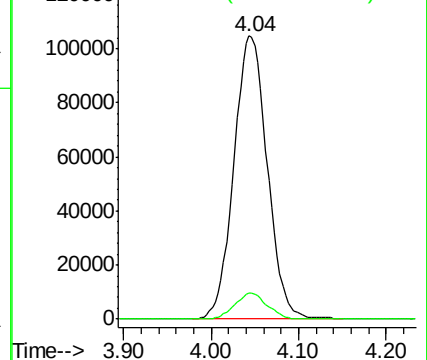
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.997 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050002.D

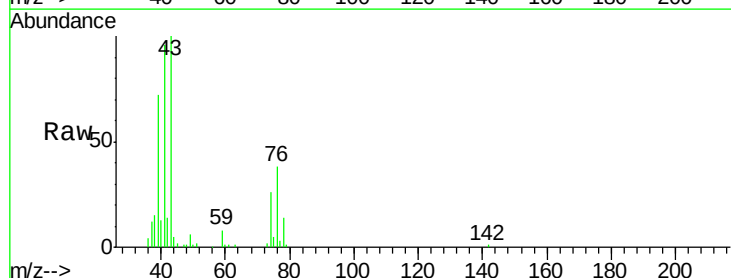
Acq: 23 Jul 2018 10:17

Tgt Ion: 43 Resp: 140201

Ion Ratio Lower Upper

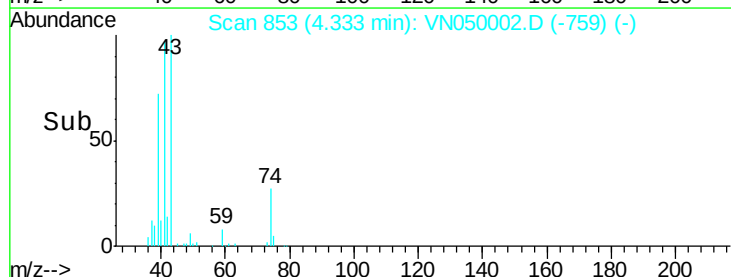
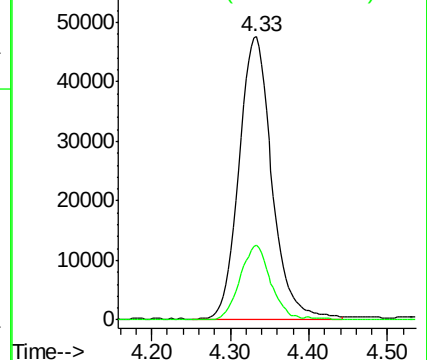
43 100

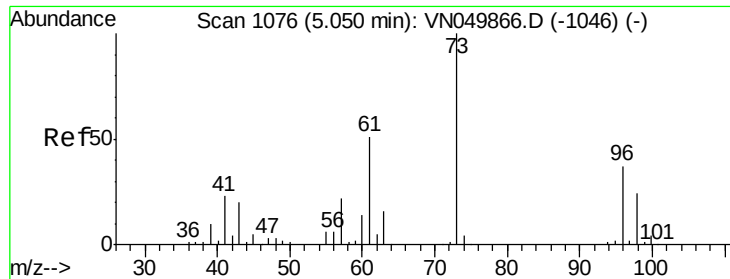
74 24.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

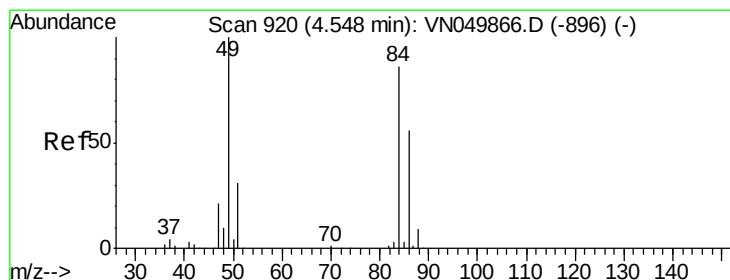
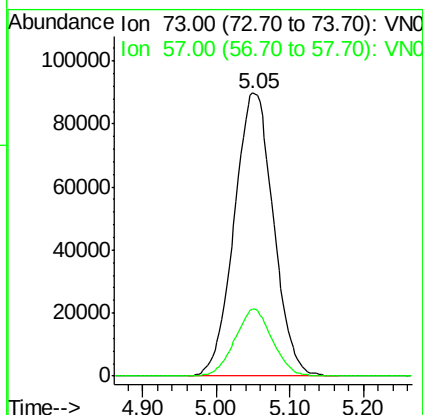
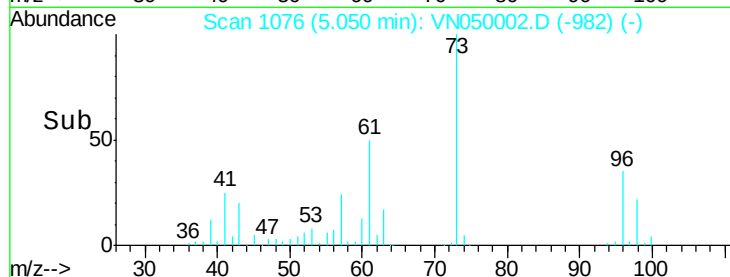
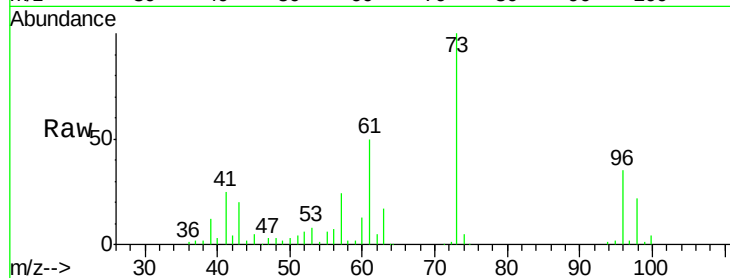




#19
Methyl tert-butyl Ether
Concen: 19.102 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

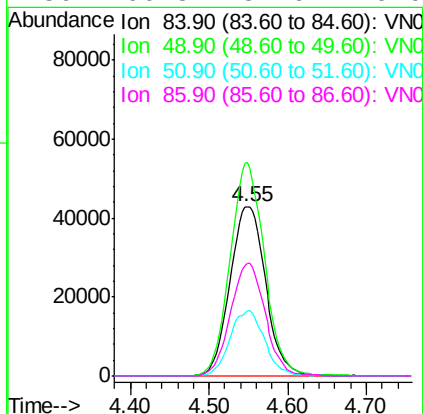
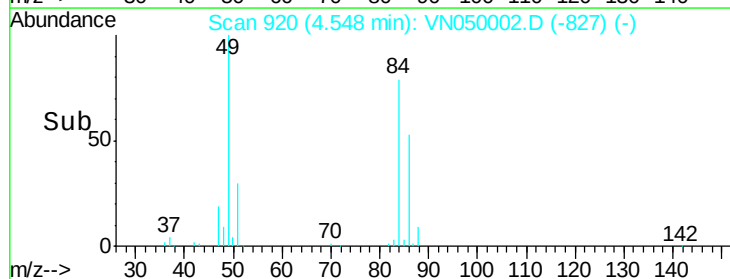
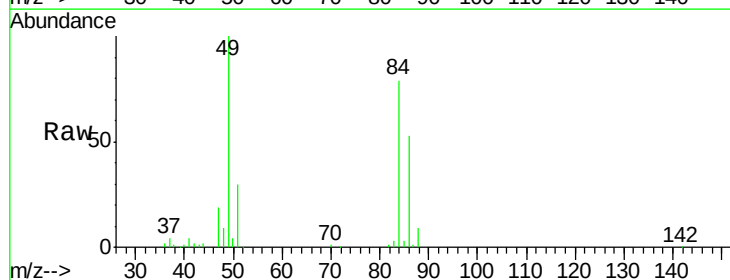
Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

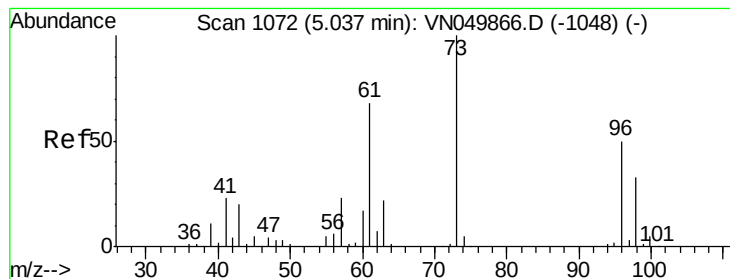
Tgt Ion: 73 Resp: 332669
Ion Ratio Lower Upper
73 100
57 23.8 18.1 27.1



#20
Methylene Chloride
Concen: 17.162 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 84 Resp: 135589
Ion Ratio Lower Upper
84 100
49 126.0 95.4 143.2
51 38.3 28.4 42.6
86 66.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 17.514 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

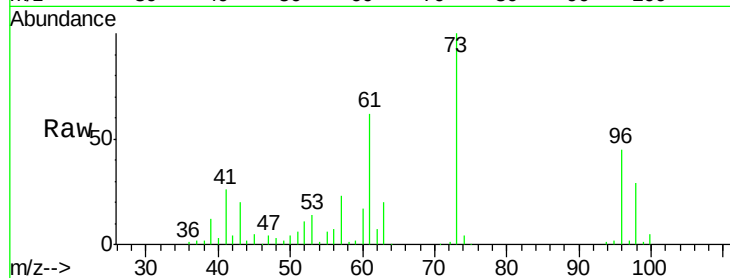
Tgt Ion: 96 Resp: 117712

Ion Ratio Lower Upper

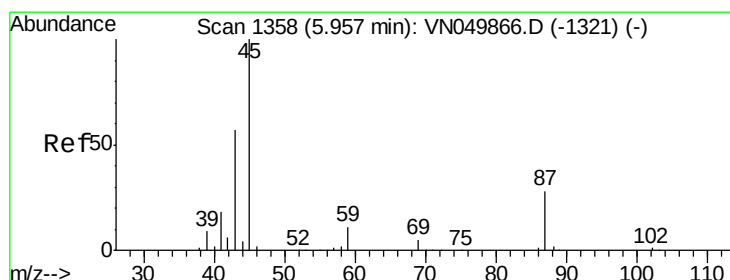
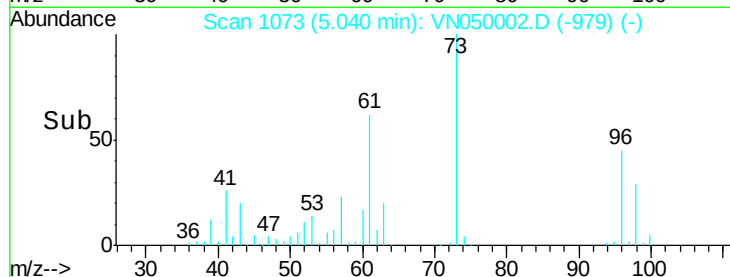
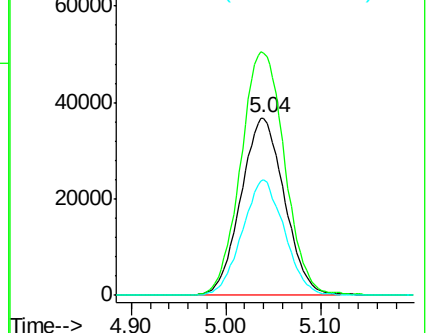
96 100

61 136.7 109.0 163.6

98 64.8 51.1 76.7



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



#22

Diisopropyl ether

Concen: 19.711 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Tgt Ion: 45 Resp: 401326

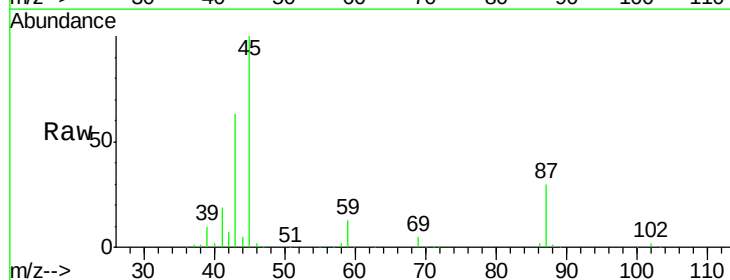
Ion Ratio Lower Upper

45 100

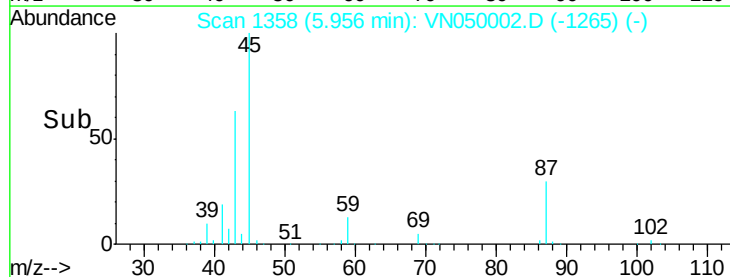
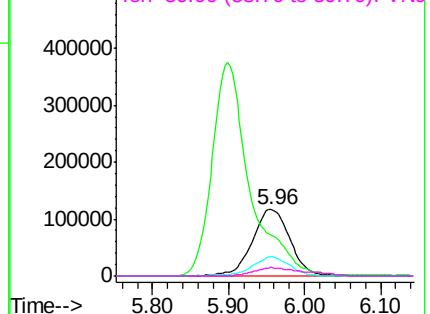
43 60.4 48.1 72.1

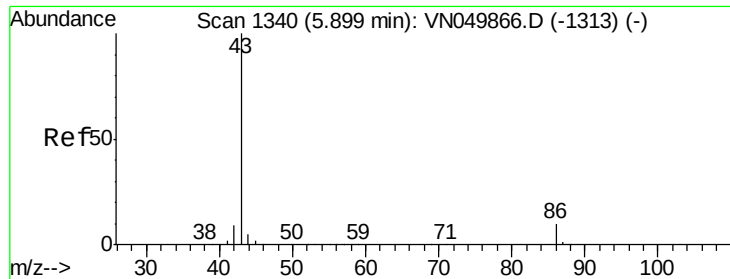
87 29.4 22.6 34.0

59 12.5 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: 90.854 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

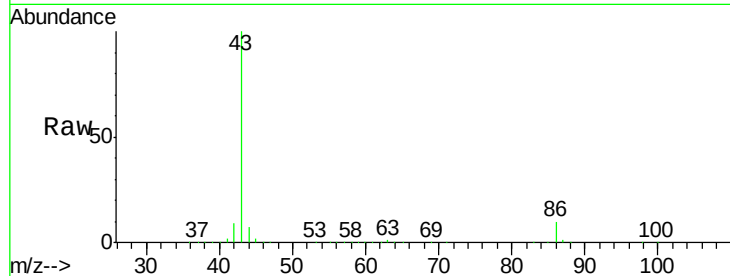
VN0723WBS01

Tgt Ion: 43 Resp: 1297957

Ion Ratio Lower Upper

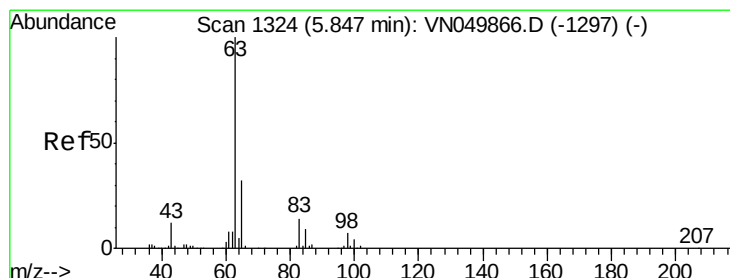
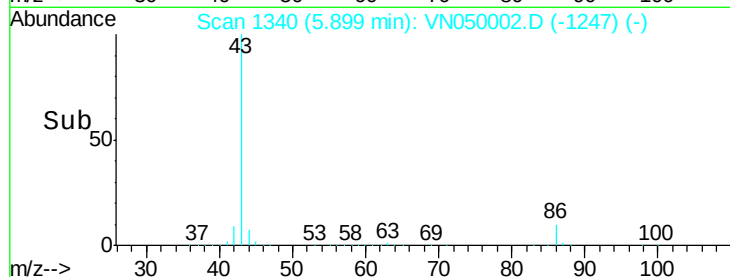
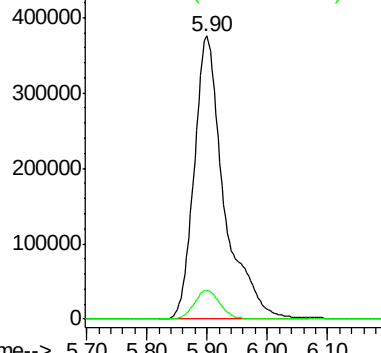
43 100

86 10.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.535 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

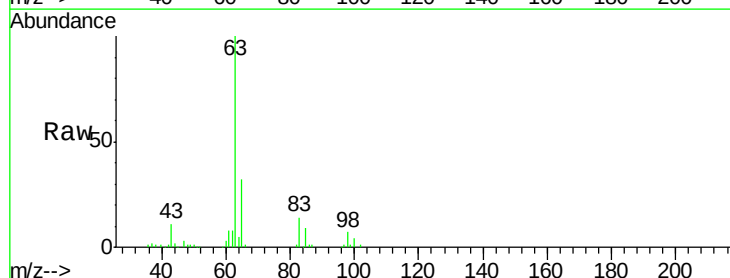
Tgt Ion: 63 Resp: 242265

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

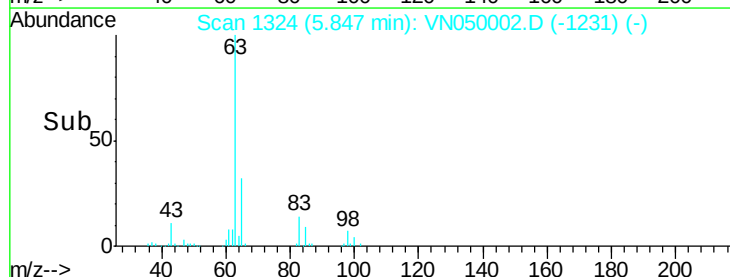
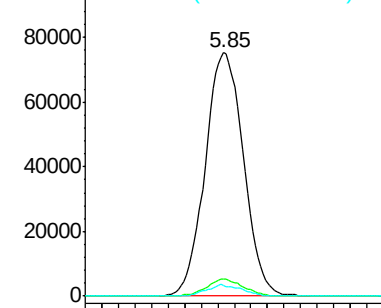
100 4.5 2.2 6.6

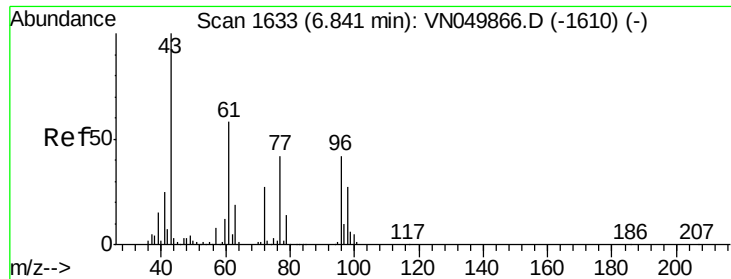


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

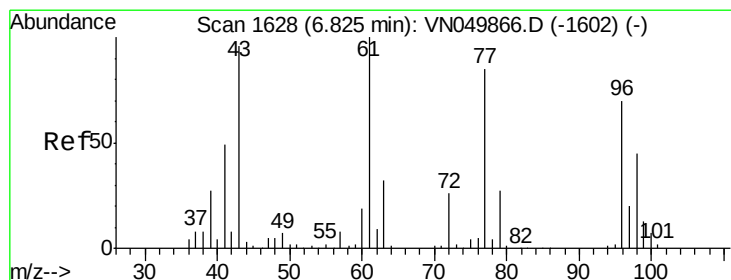
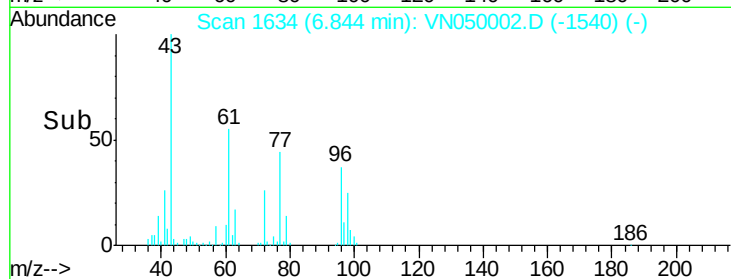
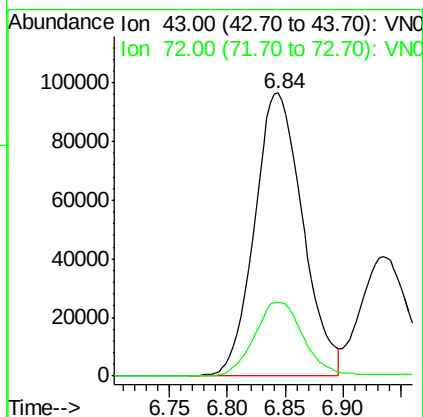
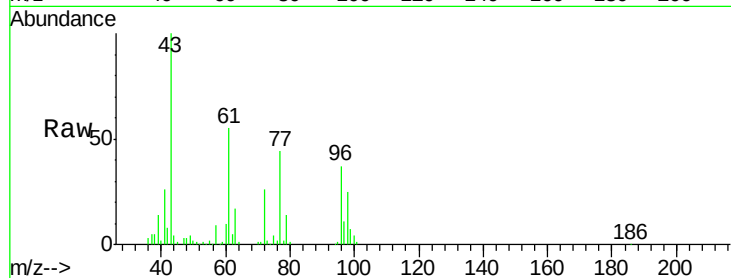




#25
2-Butanone
Concen: 93.555 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

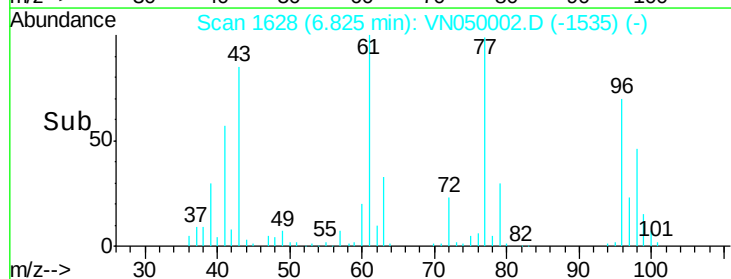
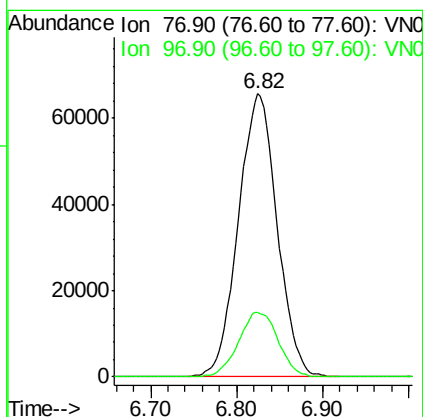
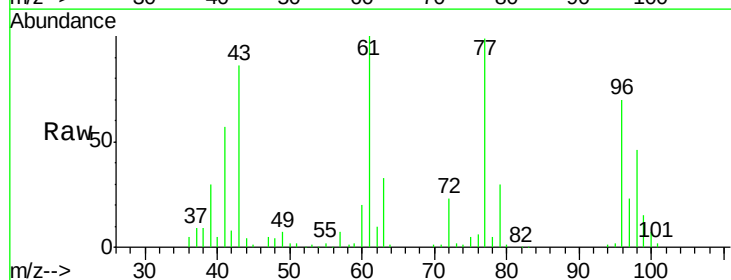
Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

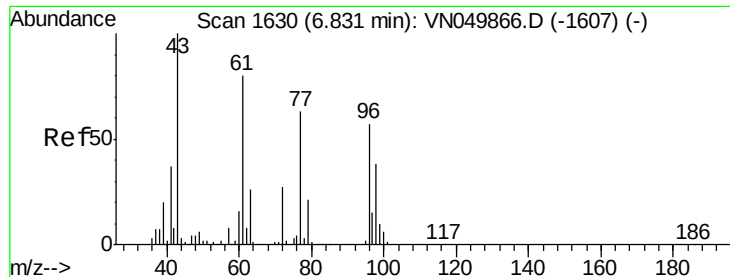
Tgt Ion: 43 Resp: 277786
Ion Ratio Lower Upper
43 100
72 26.1 22.1 33.1



#26
2,2-Dichloropropane
Concen: 20.211 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 77 Resp: 205557
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.5

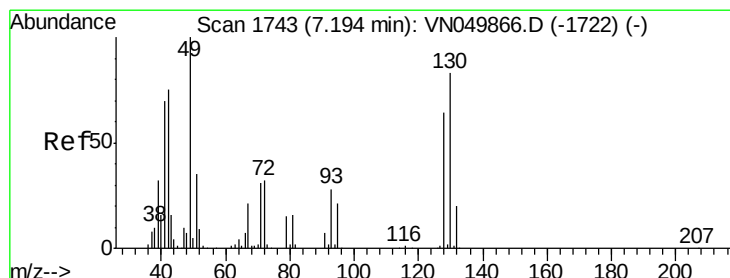
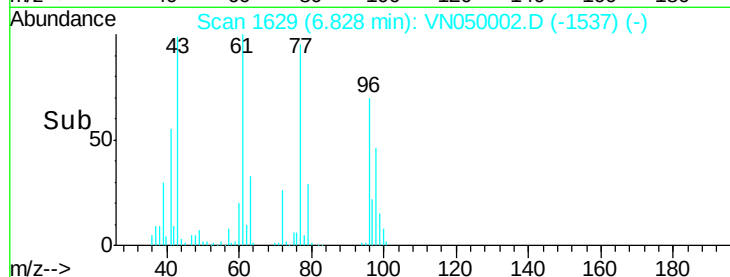
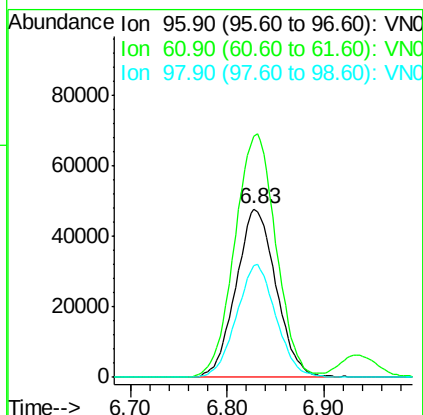
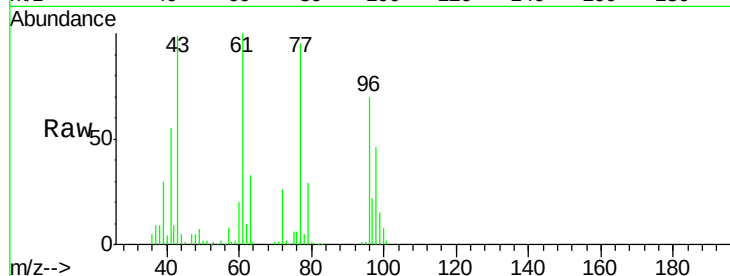




#27
 cis-1,2-Dichloroethene
 Concen: 18.684 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

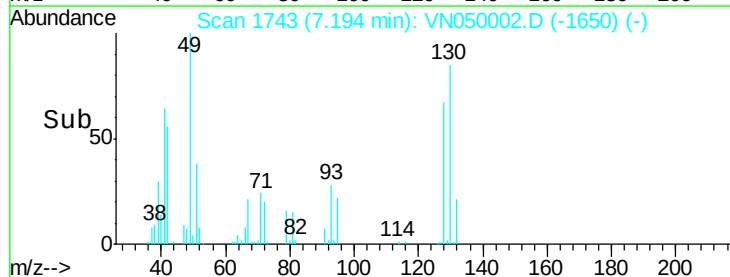
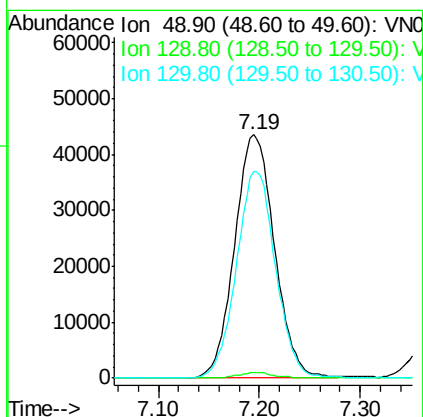
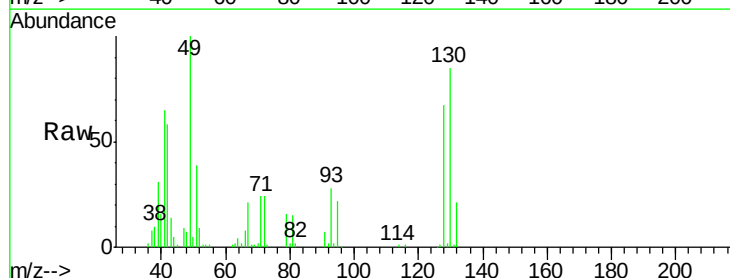
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

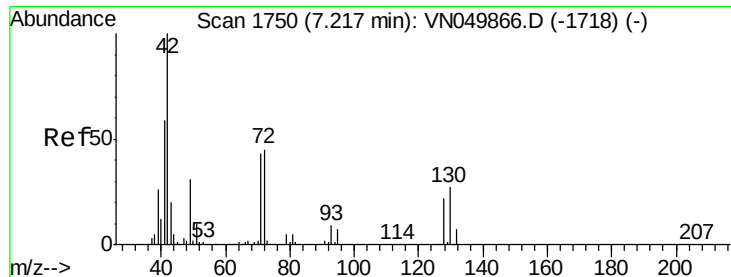
Tgt Ion: 96 Resp: 137795
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 289.0
 98 65.7 0.0 130.2



#28
 Bromochloromethane
 Concen: 20.238 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 49 Resp: 119472
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 83.5 65.5 98.3

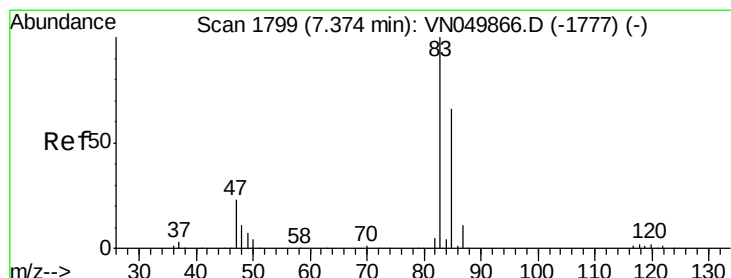
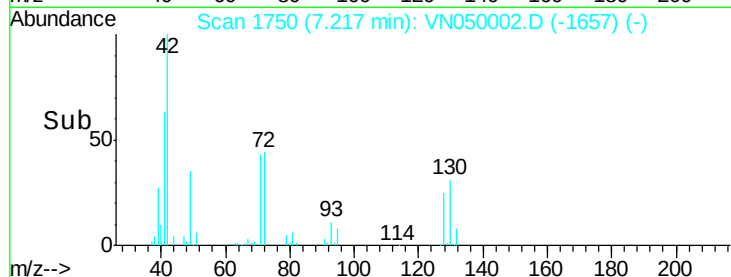
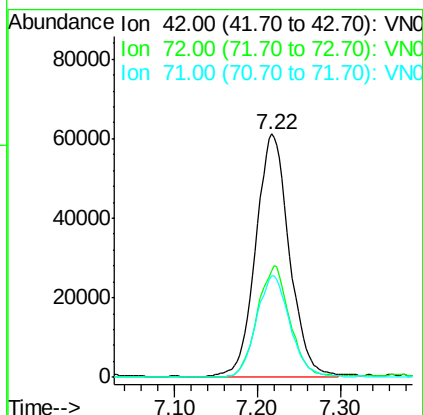
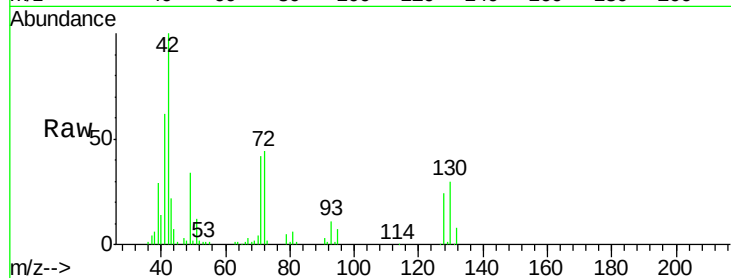




#29
Tetrahydrofuran
Concen: 92.640 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

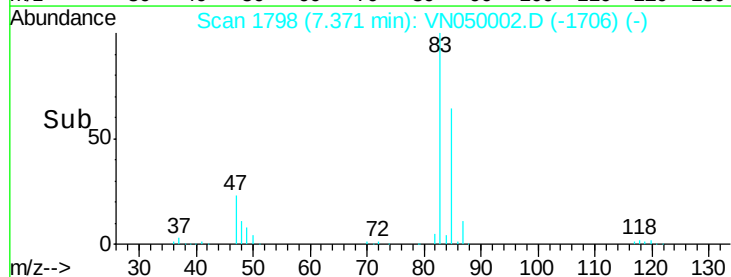
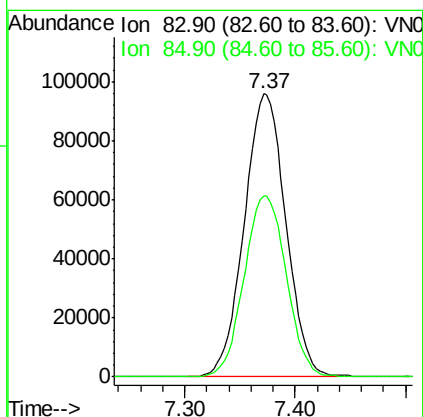
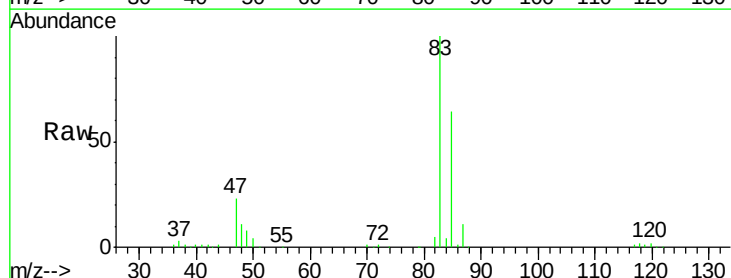
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

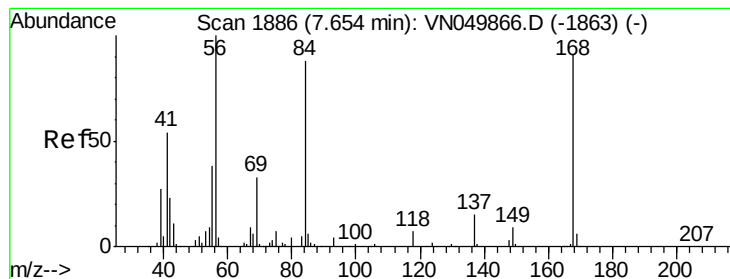
Tgt Ion: 42 Resp: 173280
Ion Ratio Lower Upper
42 100
72 44.3 35.6 53.4
71 41.5 34.0 51.0



#30
Chloroform
Concen: 18.680 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 83 Resp: 250660
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2





#31

Cyclohexane

Concen: 17.453 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

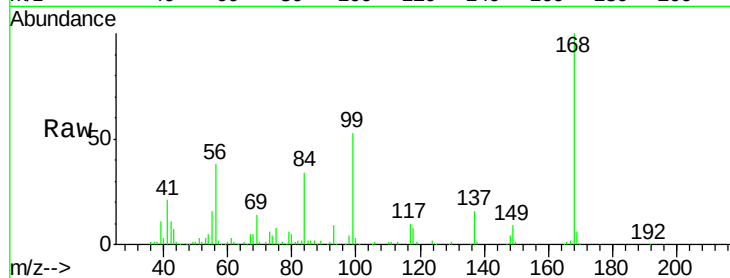
Tgt Ion: 56 Resp: 185695

Ion Ratio Lower Upper

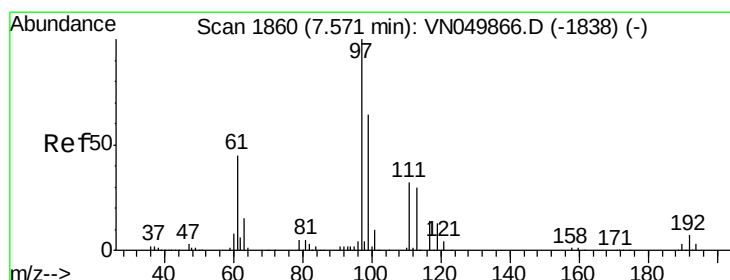
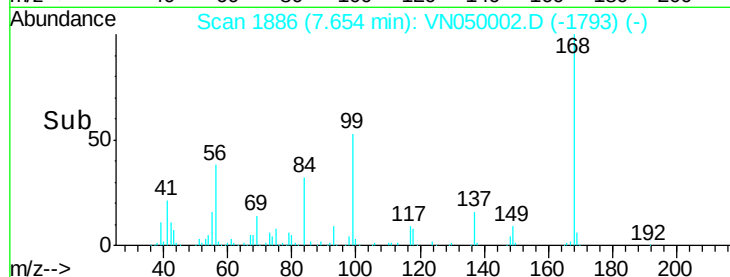
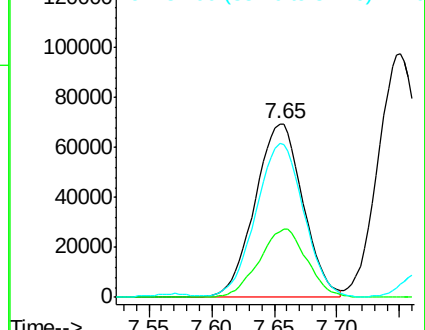
56 100

69 37.9 26.6 40.0

84 87.4 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.092 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

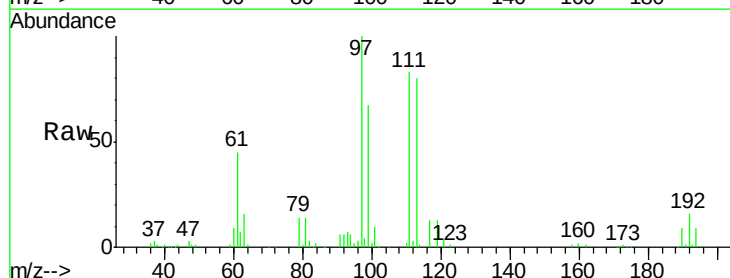
Tgt Ion: 97 Resp: 209827

Ion Ratio Lower Upper

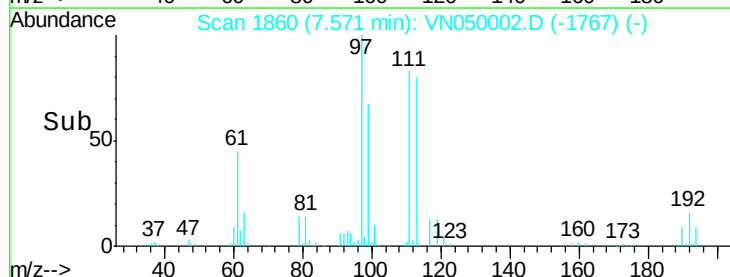
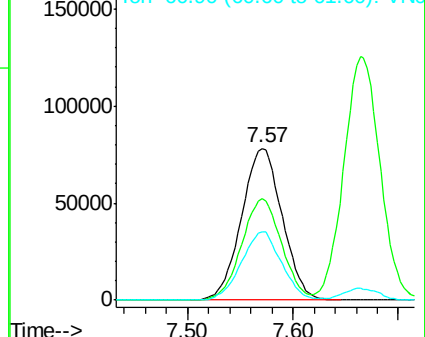
97 100

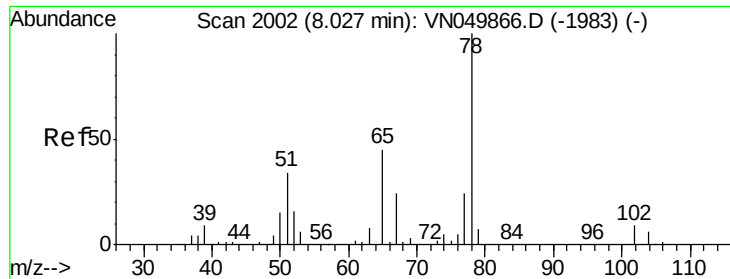
99 65.6 51.0 76.4

61 44.2 35.5 53.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

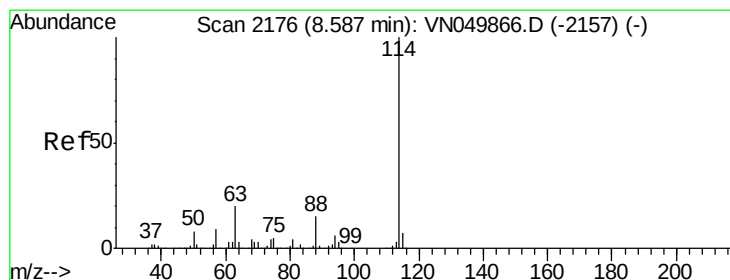
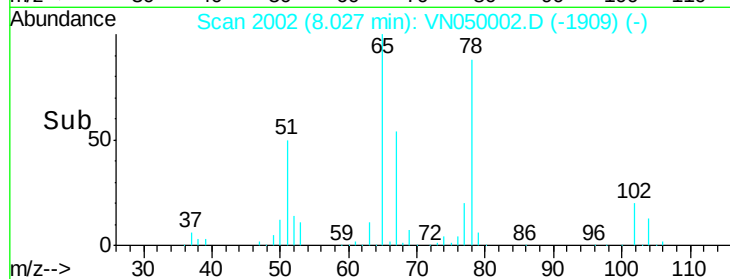
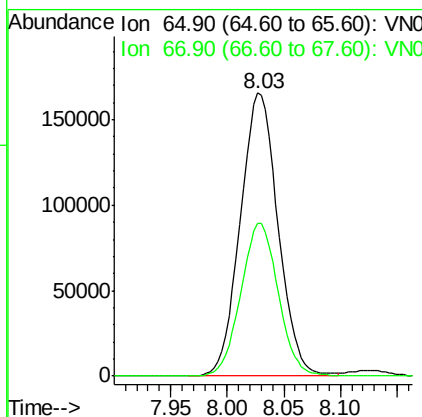
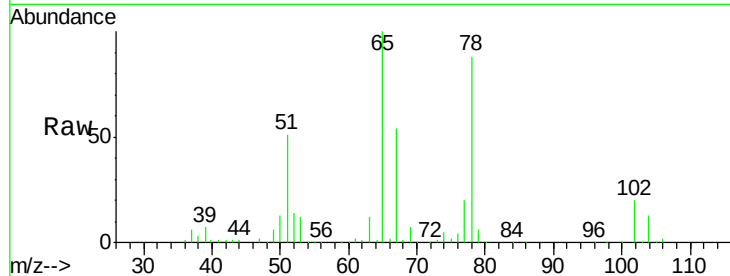




#33
 1,2-Dichloroethane-d4
 Concen: 48.002 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

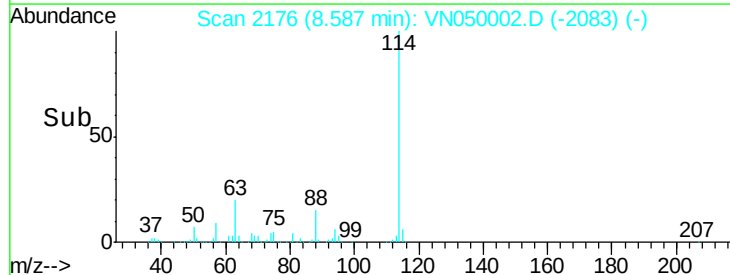
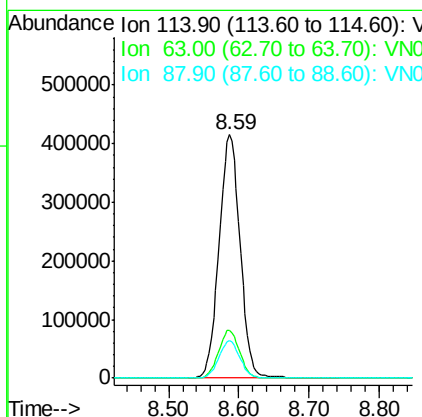
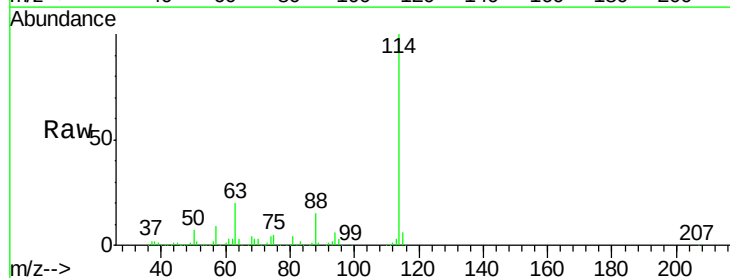
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

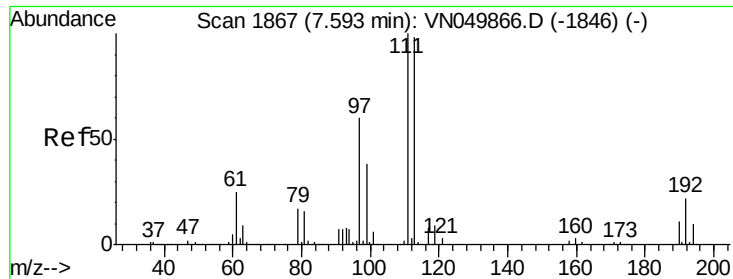
Tgt Ion: 65 Resp: 385179
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 114 Resp: 865547
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.3 0.0 30.6

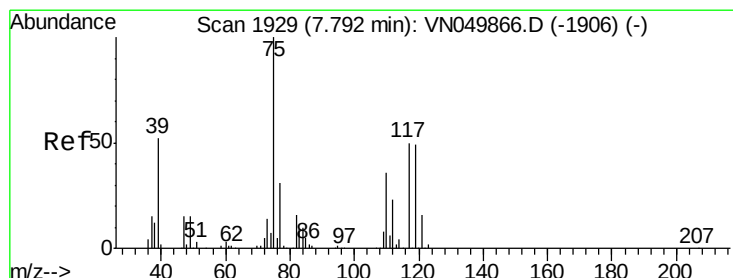
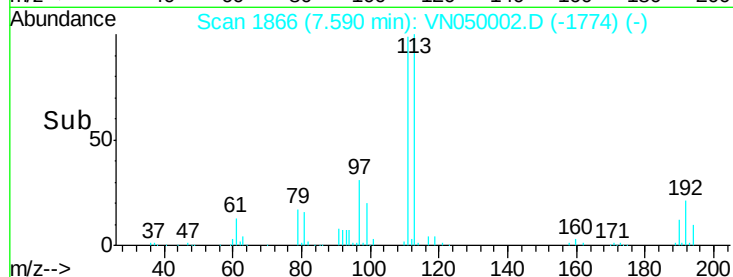
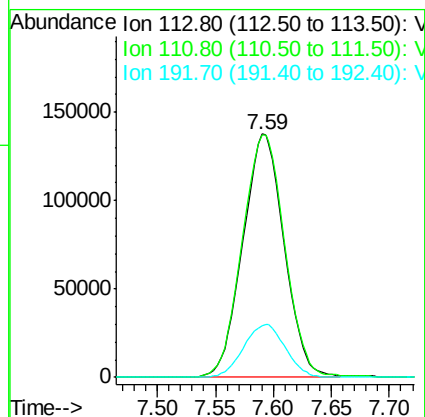
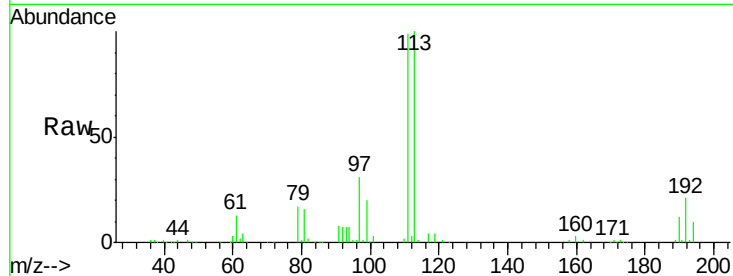




#35
 Dibromofluoromethane
 Concen: 47.066 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

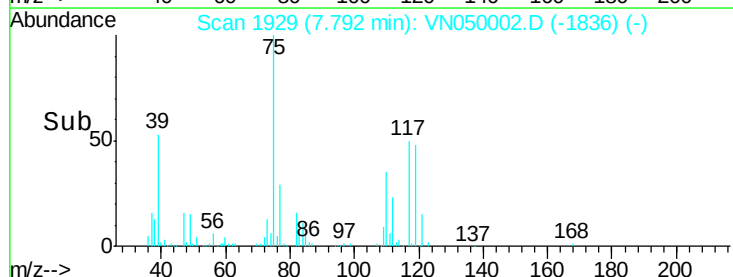
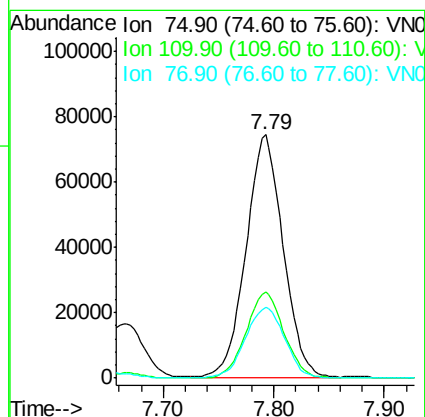
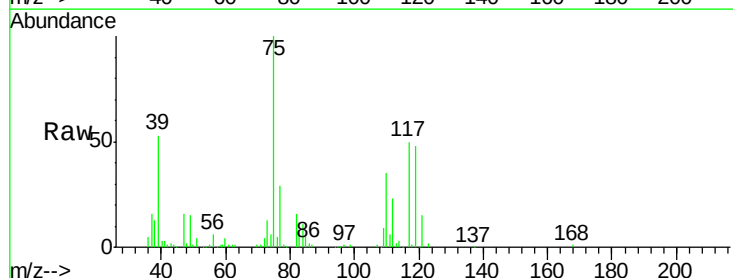
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

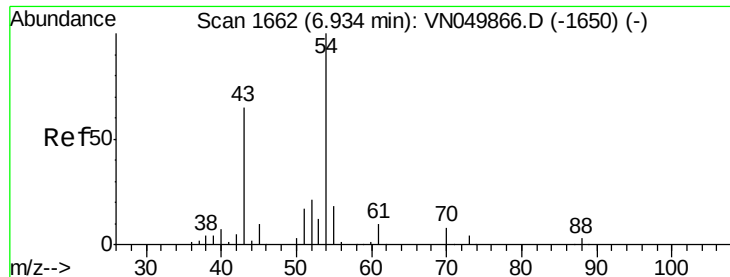
Tgt Ion:113 Resp: 341995
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 17.934 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 75 Resp: 172596
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.4
 77 31.2 24.9 37.3

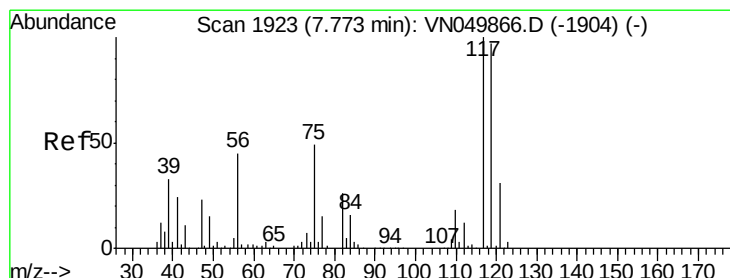
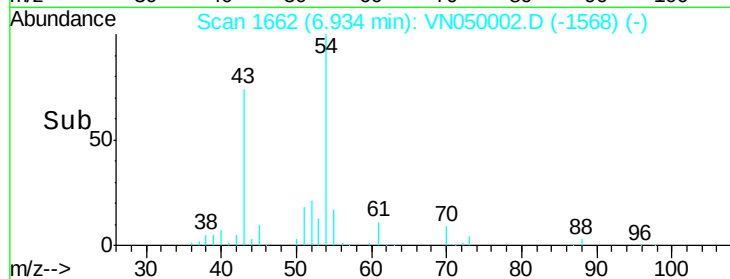
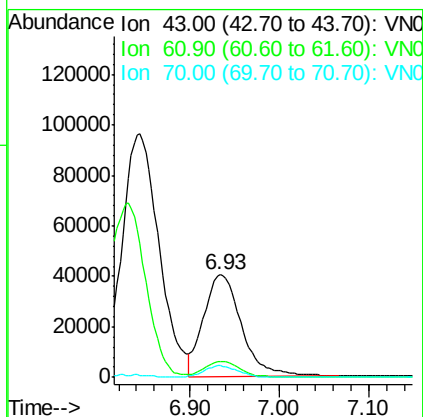
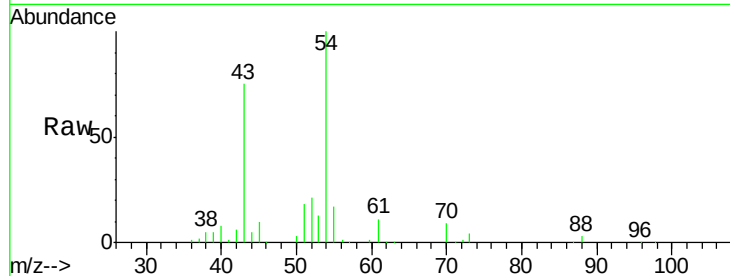




#37
Ethyl Acetate
Concen: 17.952 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

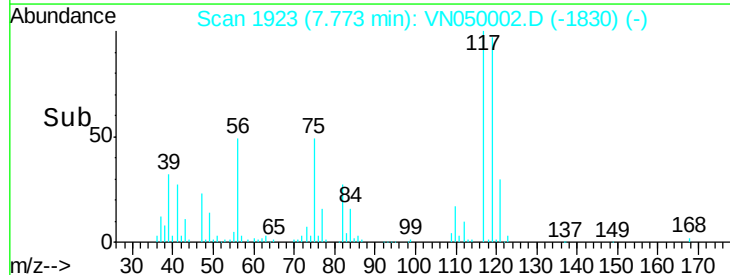
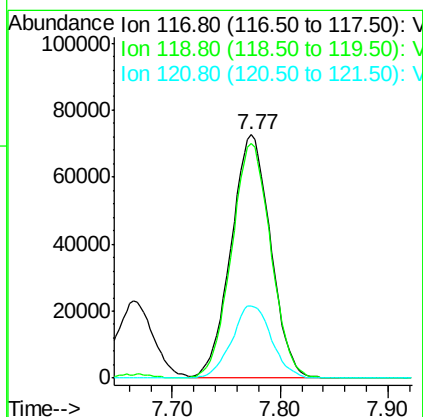
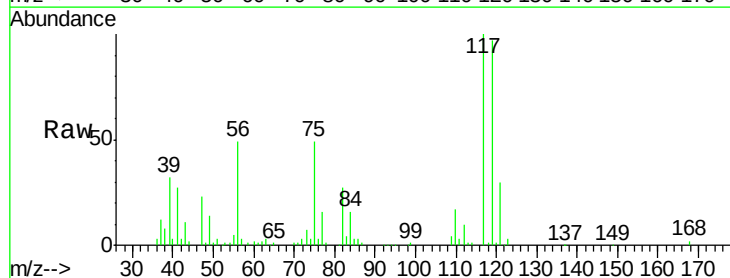
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

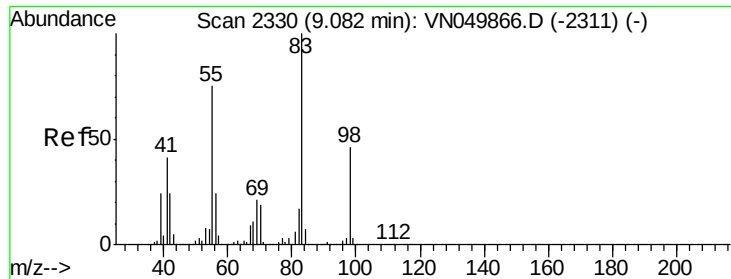
Tgt Ion: 43 Resp: 118638
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 17.933 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 117 Resp: 184870
Ion Ratio Lower Upper
117 100
119 96.3 77.2 115.8
121 29.8 25.0 37.6

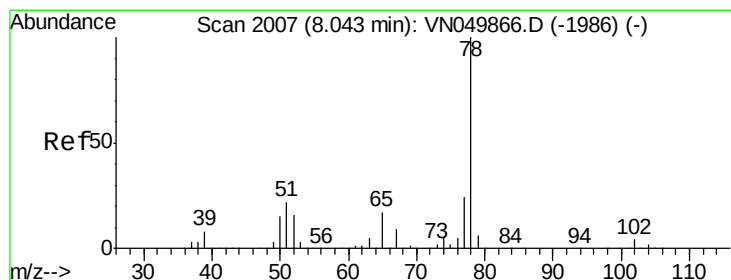
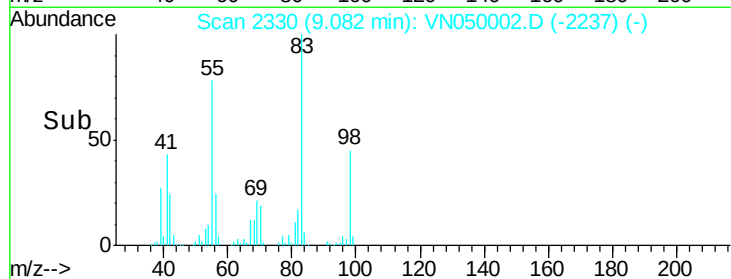
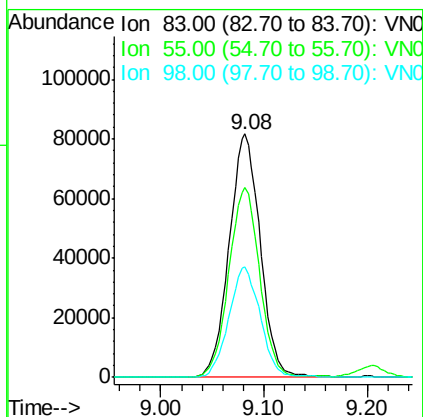
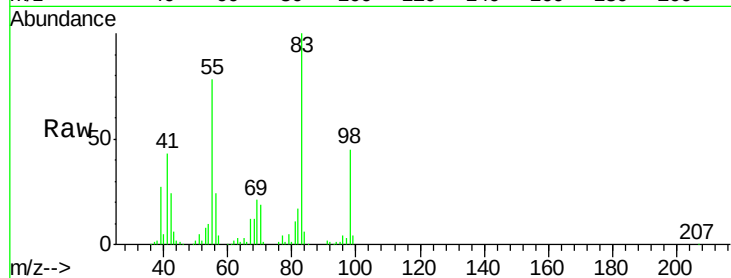




#39
Methylcyclohexane
Concen: 17.273 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

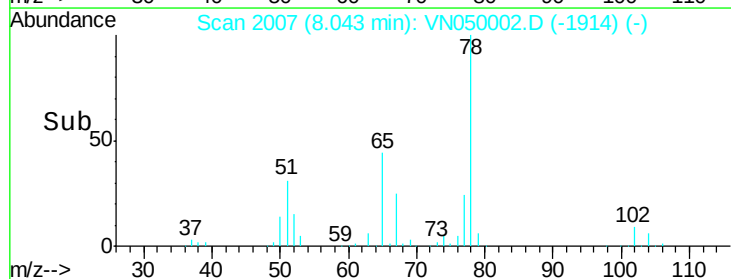
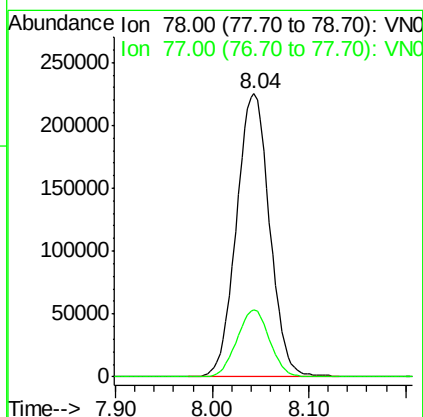
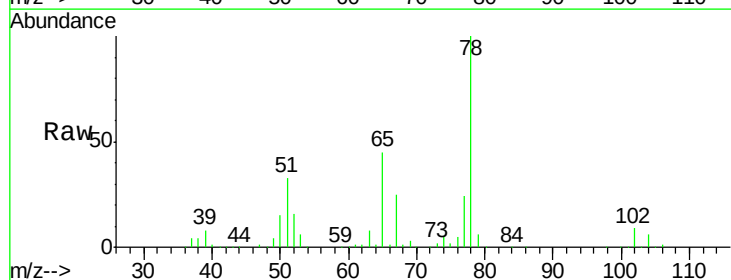
Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

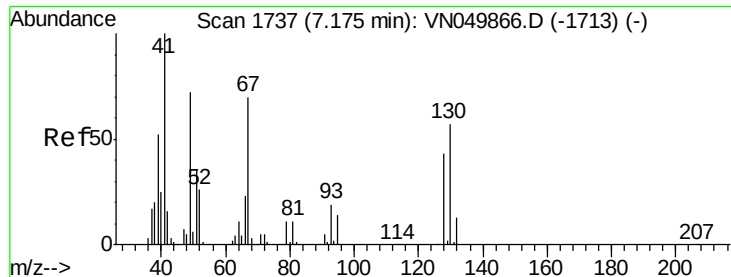
Tgt Ion: 83 Resp: 171733
Ion Ratio Lower Upper
83 100
55 77.8 59.7 89.5
98 45.2 36.5 54.7



#40
Benzene
Concen: 18.320 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 78 Resp: 537371
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

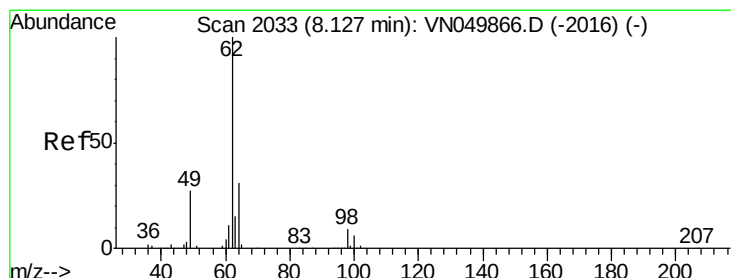
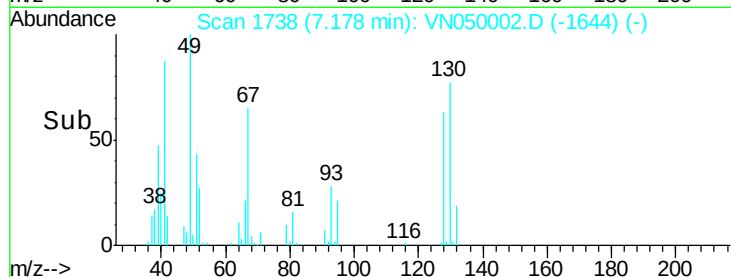
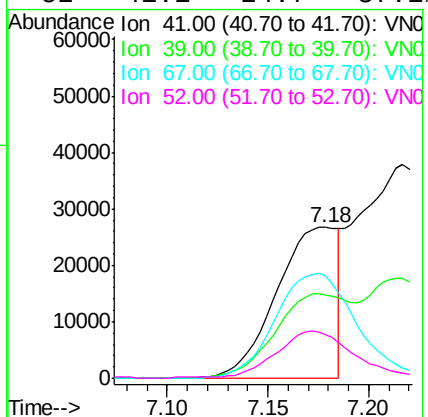
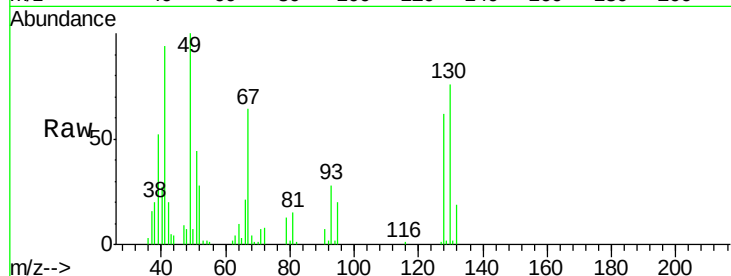




#41
Methacrylonitrile
Concen: 17.010 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

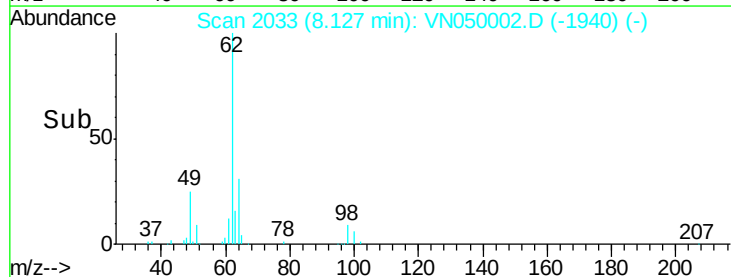
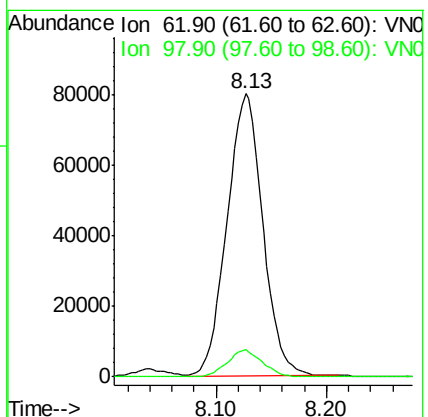
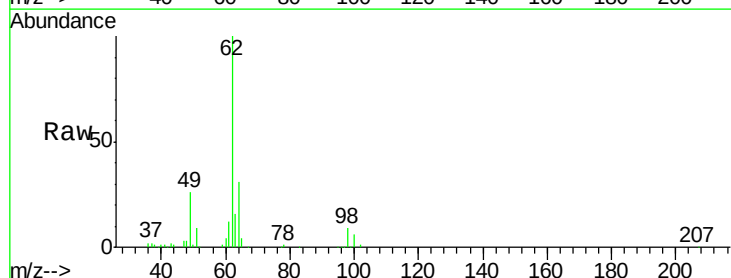
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

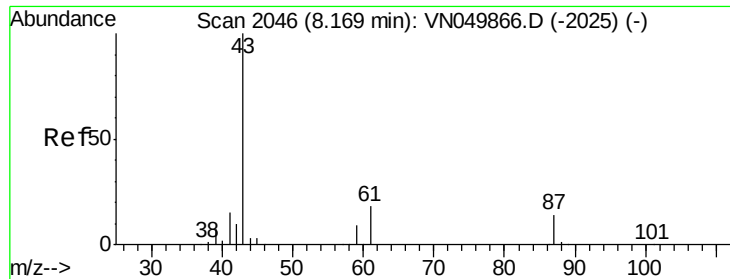
Tgt Ion: 41 Resp: 56351
Ion Ratio Lower Upper
41 100
39 70.3 45.4 68.2#
67 93.2 65.4 98.0
52 41.1 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 18.518 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 62 Resp: 179906
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0





#43

Isopropyl Acetate

Concen: 18.628 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

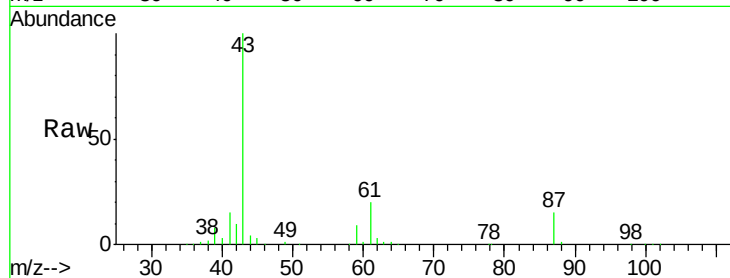
Tgt Ion: 43 Resp: 215077

Ion Ratio Lower Upper

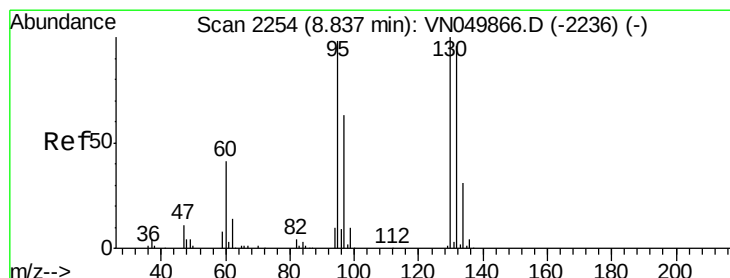
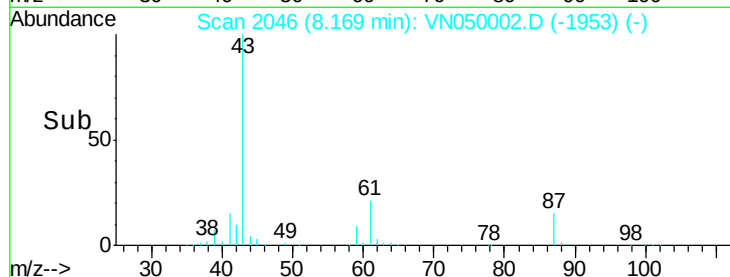
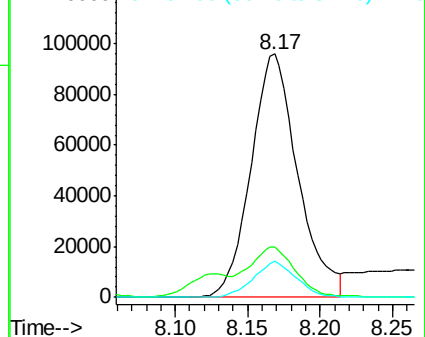
43 100

61 20.1 14.9 22.3

87 13.6 10.0 15.0



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



#44

Trichloroethene

Concen: 18.542 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN050002.D

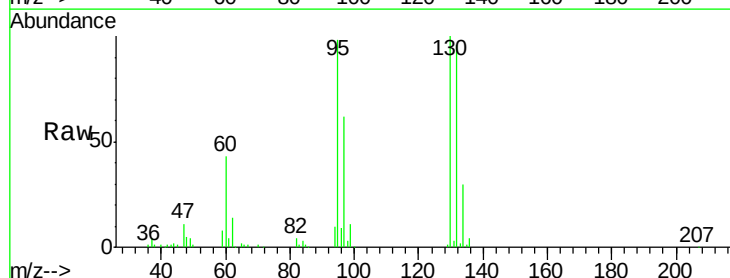
Acq: 23 Jul 2018 10:17

Tgt Ion: 130 Resp: 142611

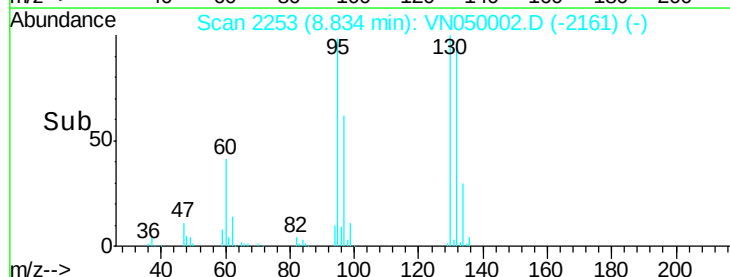
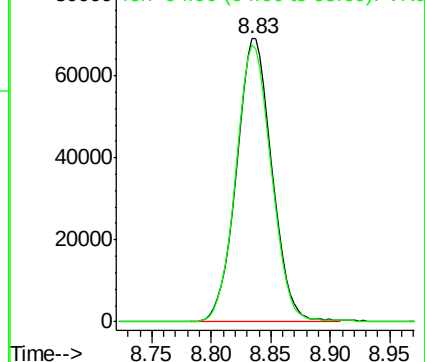
Ion Ratio Lower Upper

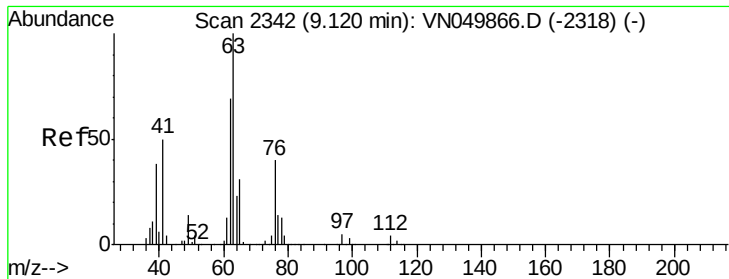
130 100

95 97.8 0.0 192.8



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

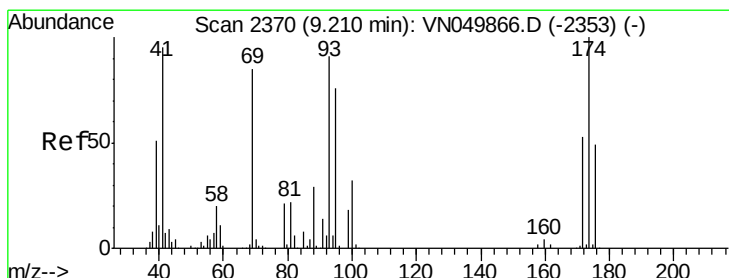
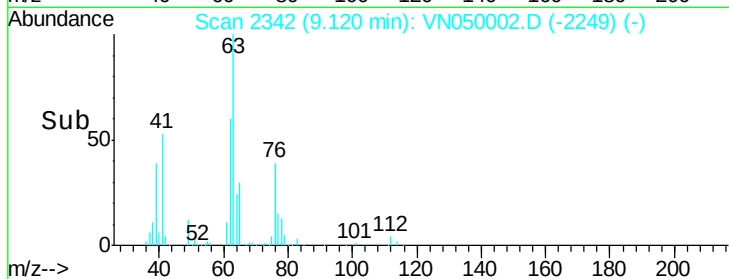
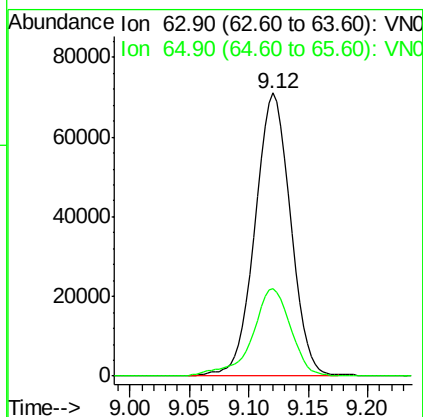
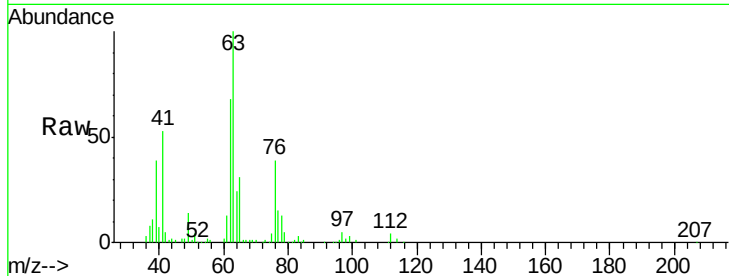




#45
 1,2-Dichloropropane
 Concen: 18.647 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

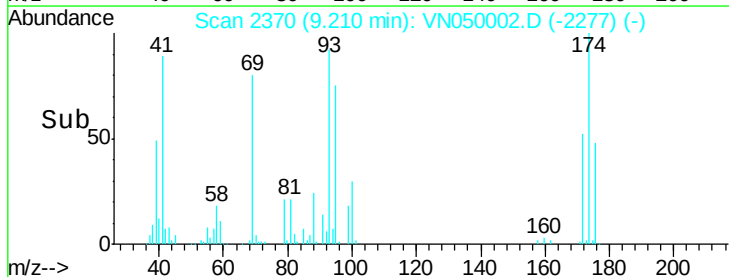
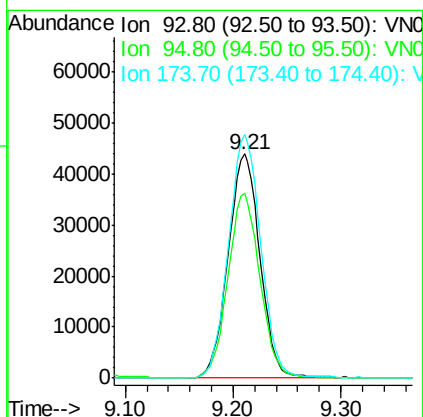
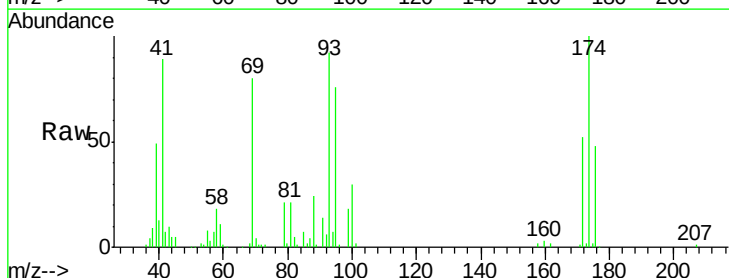
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

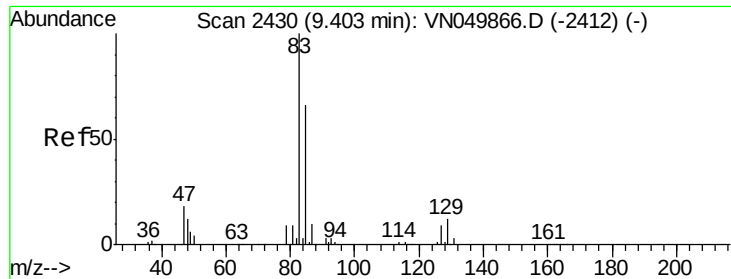
Tgt Ion: 63 Resp: 147551
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 18.413 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 93 Resp: 90363
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.9 101.9
 174 109.8 89.4 134.0

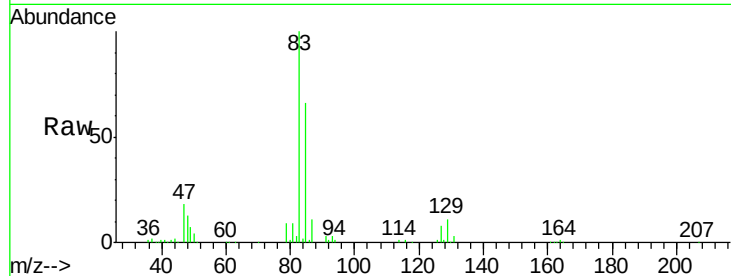




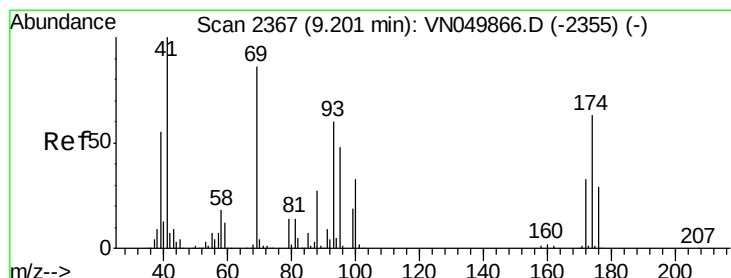
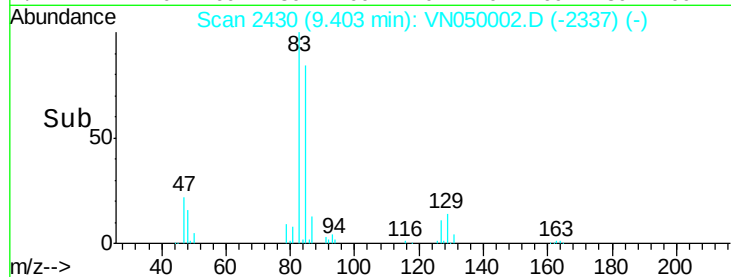
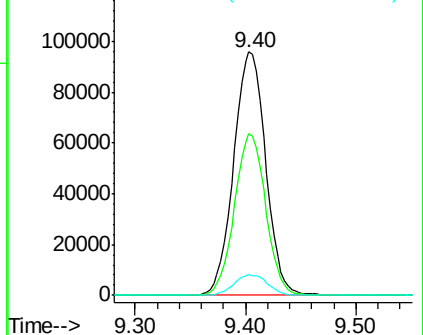
#47
 Bromodichloromethane
 Concen: 18.965 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tgt Ion: 83 Resp: 192476
 Ion Ratio Lower Upper
 83 100
 85 66.3 50.5 75.7
 127 8.5 6.8 10.2

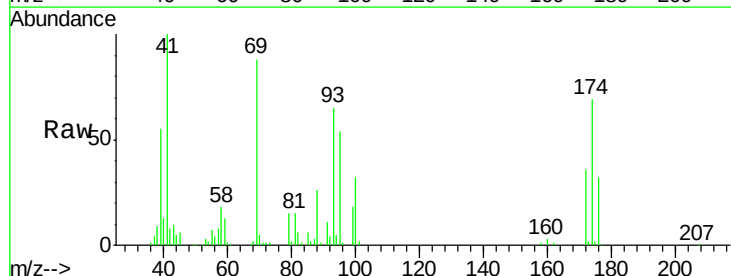


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

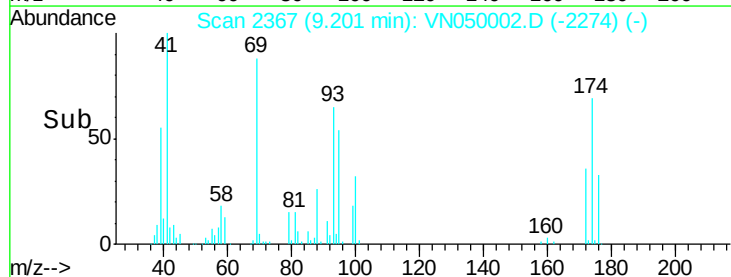
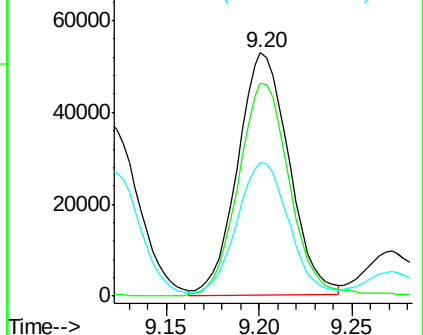


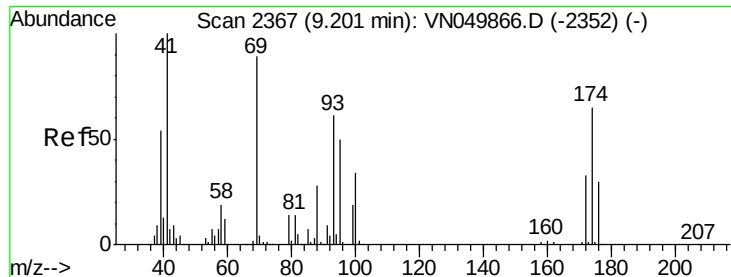
#48
 Methyl methacrylate
 Concen: 17.520 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 41 Resp: 101466
 Ion Ratio Lower Upper
 41 100
 69 88.8 71.5 107.3
 39 55.8 44.7 67.1



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

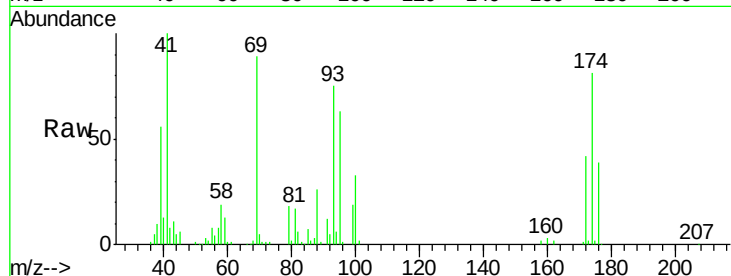




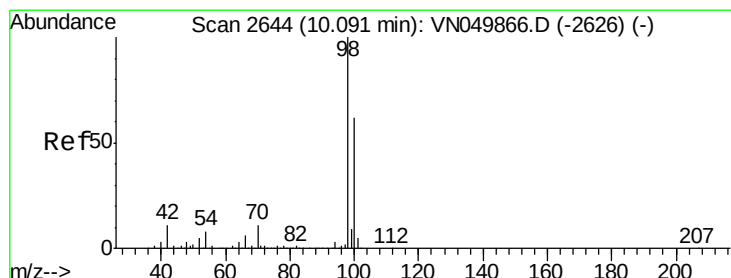
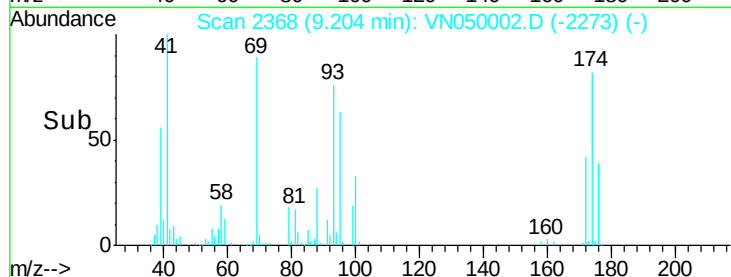
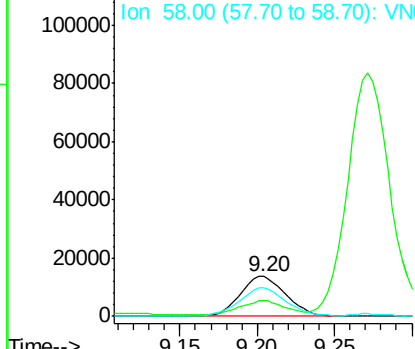
#49
1,4-Dioxane
Concen: 342.849 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

Tgt Ion: 88 Resp: 28168
Ion Ratio Lower Upper
88 100
43 33.5 25.1 37.7
58 73.6 52.5 78.7

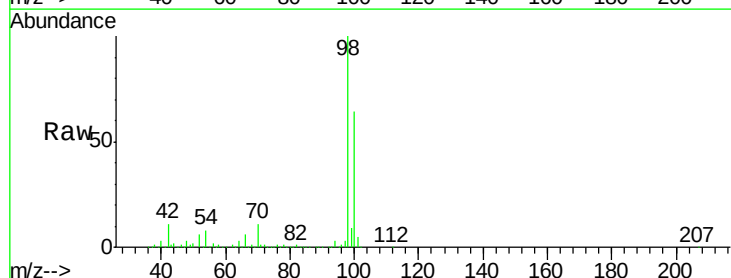


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

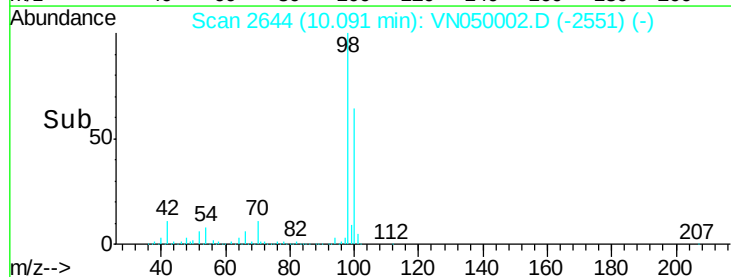
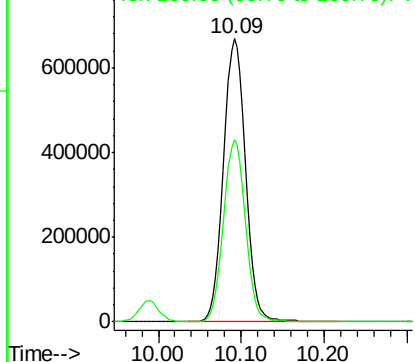


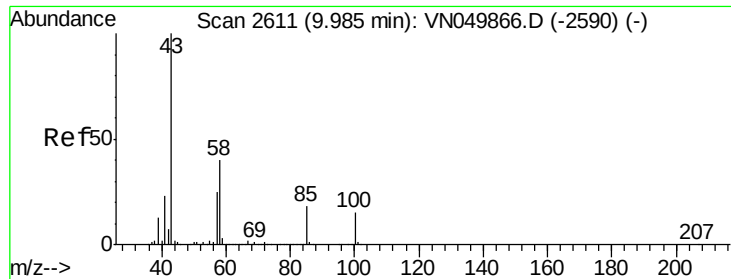
#50
Toluene-d8
Concen: 46.695 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 98 Resp: 1236256
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



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

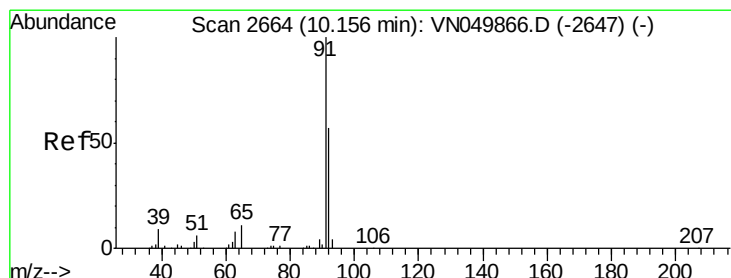
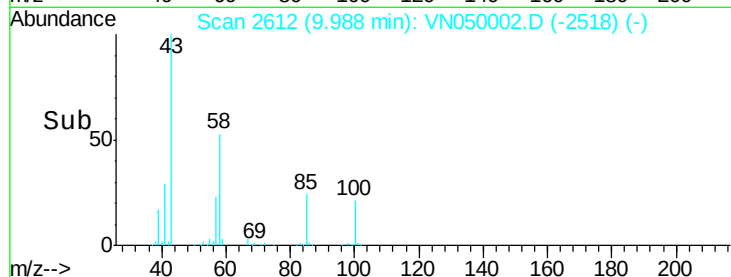
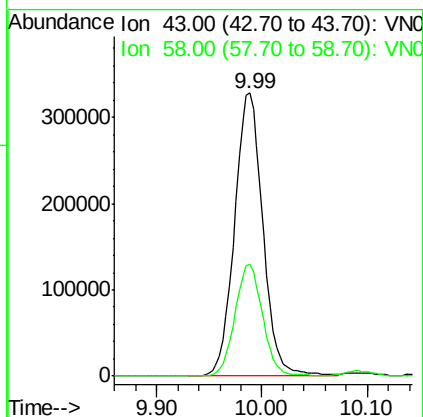
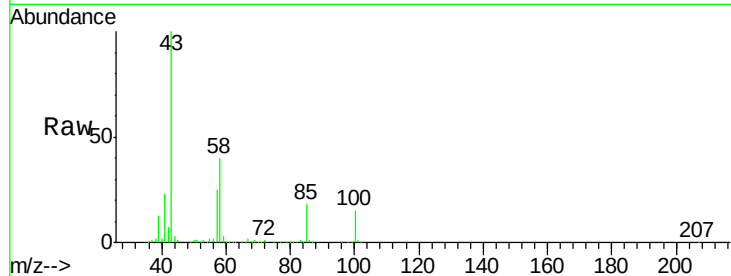




#51
 4-Methyl-2-Pentanone
 Concen: 94.087 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

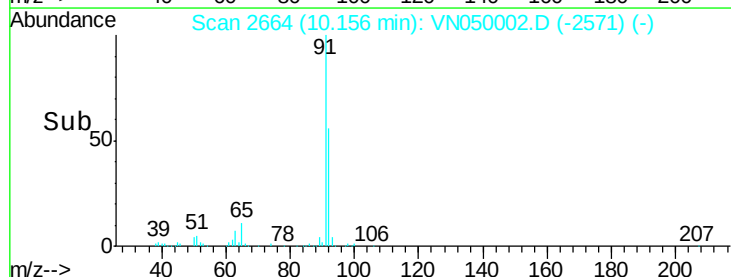
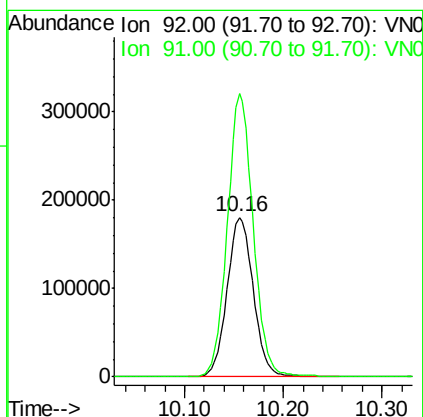
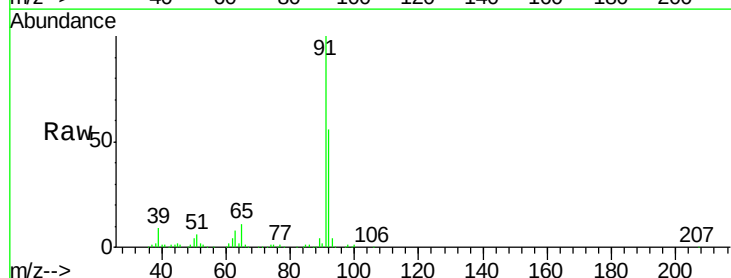
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

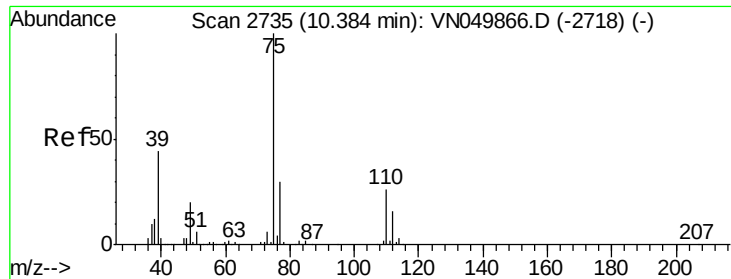
Tgt Ion: 43 Resp: 607246
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.8 47.8



#52
 Toluene
 Concen: 19.230 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 92 Resp: 336468
 Ion Ratio Lower Upper
 92 100
 91 174.9 140.1 210.1

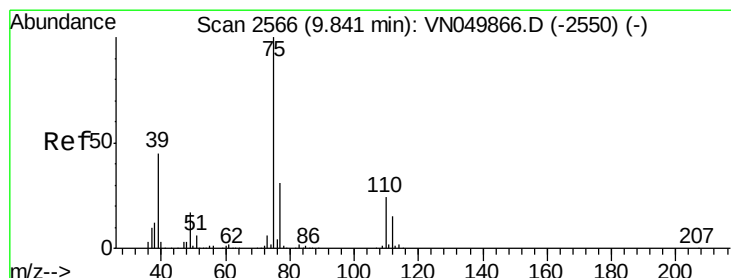
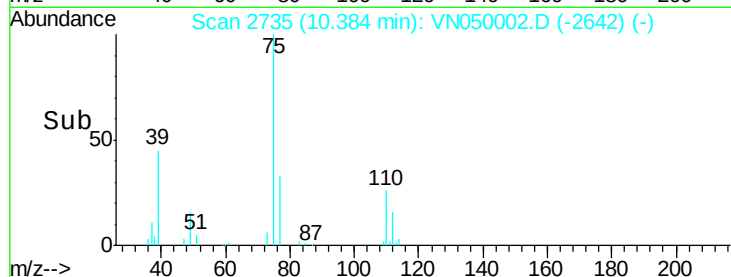
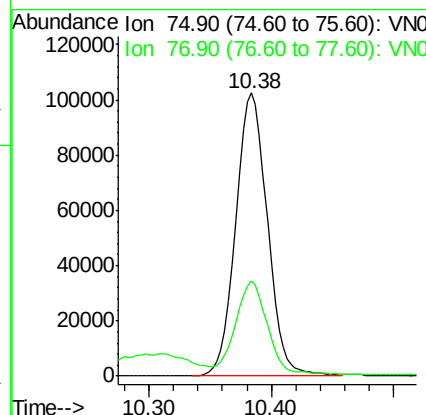
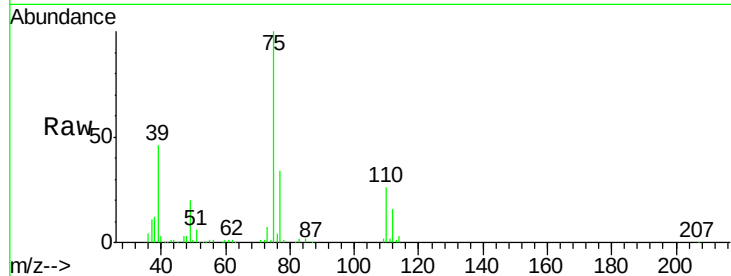




#53
t-1,3-Dichloropropene
Concen: 18.440 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

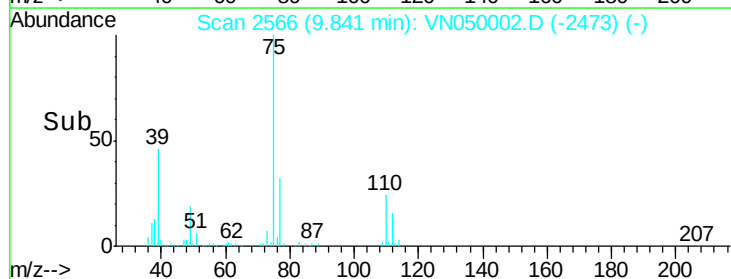
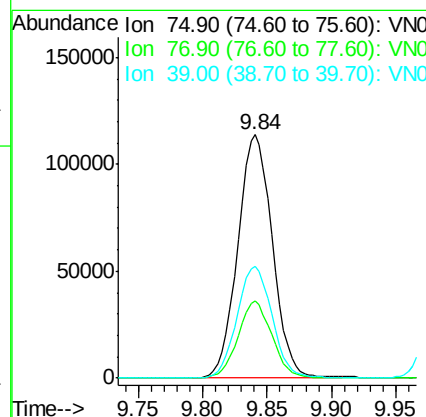
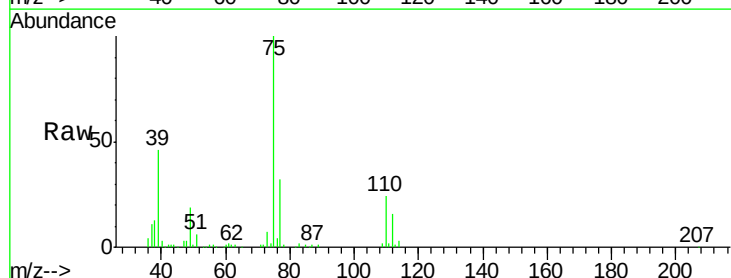
Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

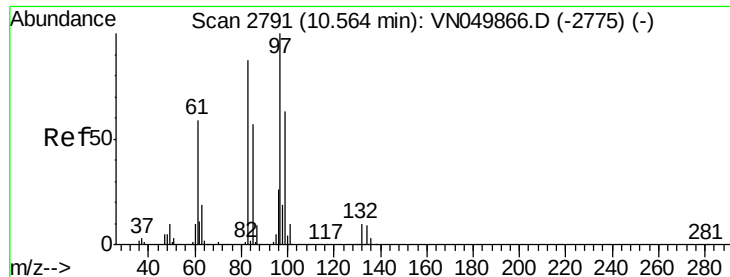
Tgt Ion: 75 Resp: 185046
Ion Ratio Lower Upper
75 100
77 32.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.233 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 75 Resp: 213307
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 45.7 35.5 53.3





#55

1,1,2-Trichloroethane

Concen: 18.479 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

VN0723WBS01

Tgt Ion: 97 Resp: 133569

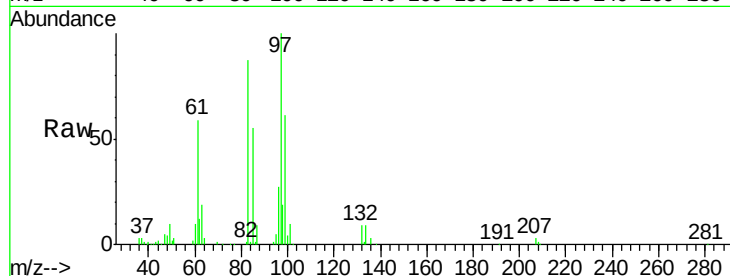
Ion Ratio Lower Upper

97 100

83 86.8 69.0 103.6

85 54.8 44.9 67.3

99 61.3 49.8 74.6

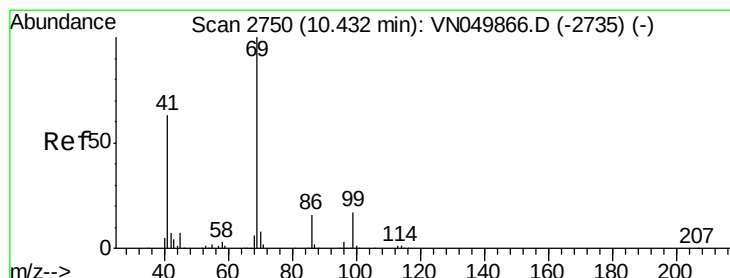
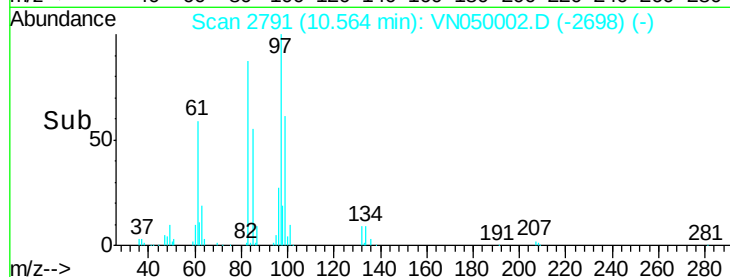
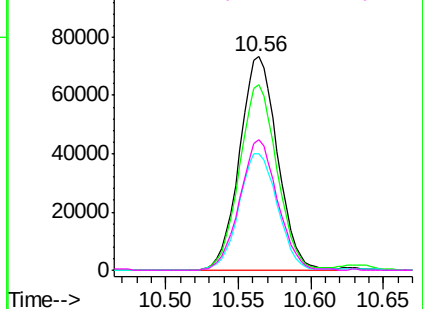


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.380 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

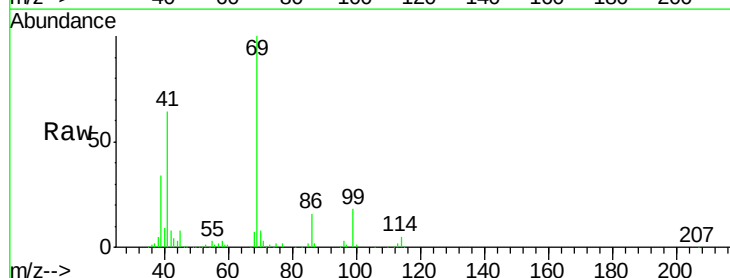
Tgt Ion: 69 Resp: 154420

Ion Ratio Lower Upper

69 100

41 62.9 51.6 77.4

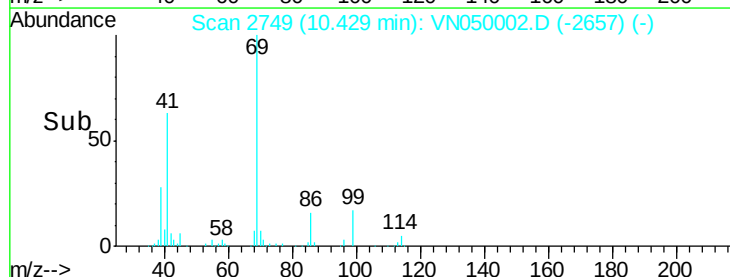
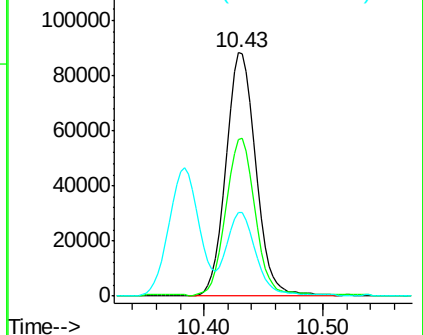
39 33.8 25.8 38.8

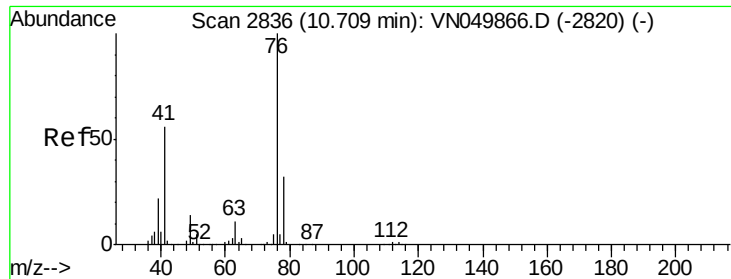


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

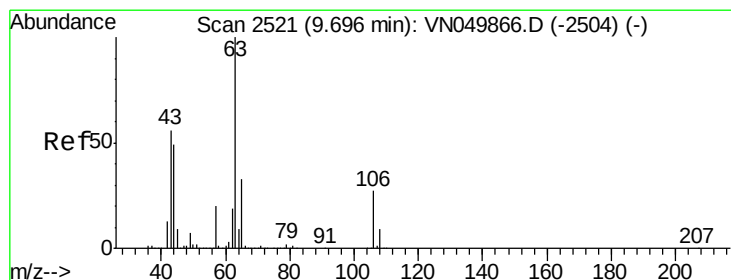
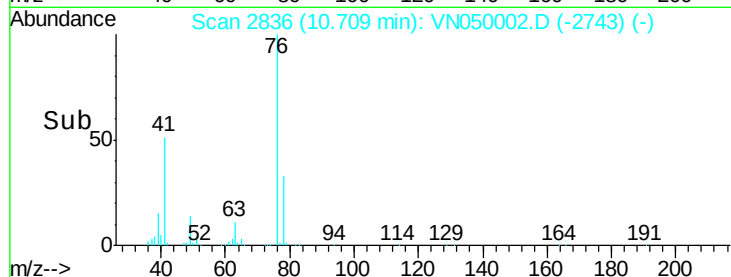
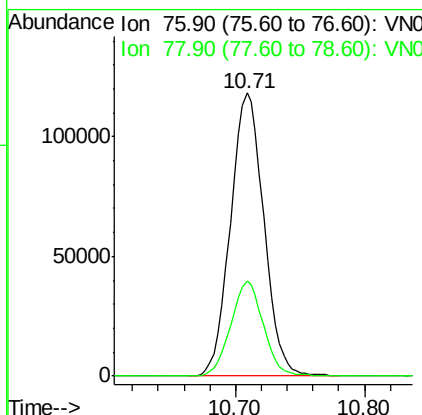
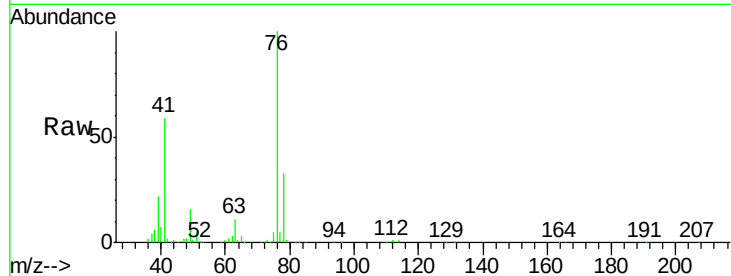




#57
 1,3-Dichloropropane
 Concen: 18.657 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

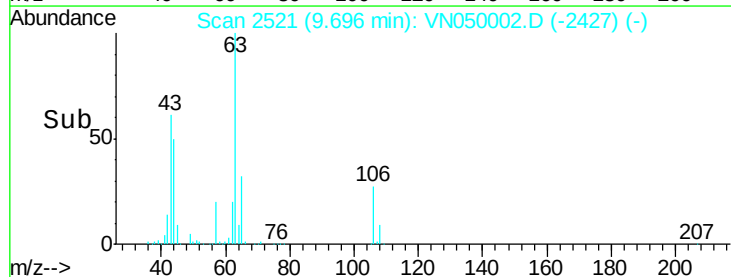
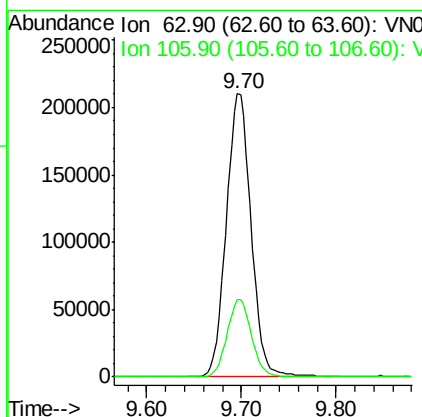
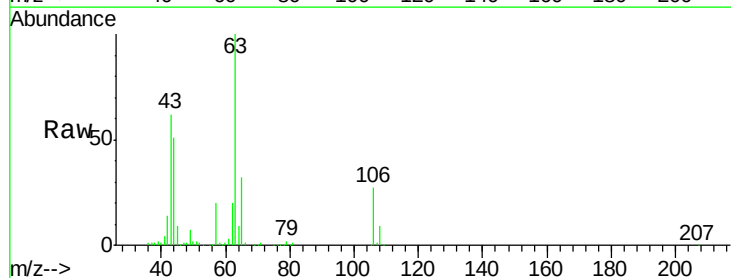
Instrument :
 MSVOA_N
 ClientSampled :
 VN0723WBS01

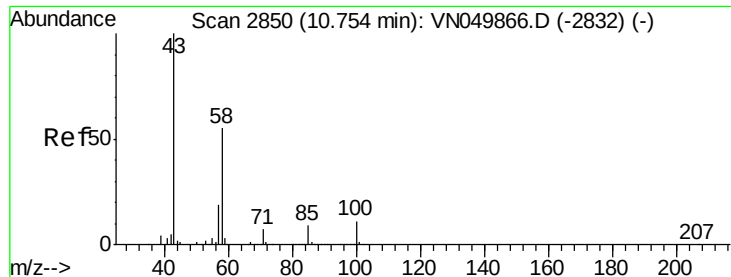
Tgt Ion: 76 Resp: 212372
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.395 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 63 Resp: 382865
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.8

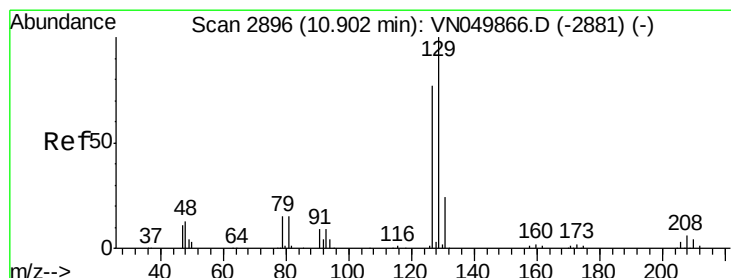
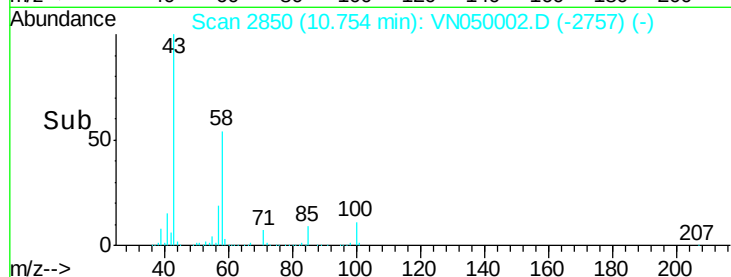
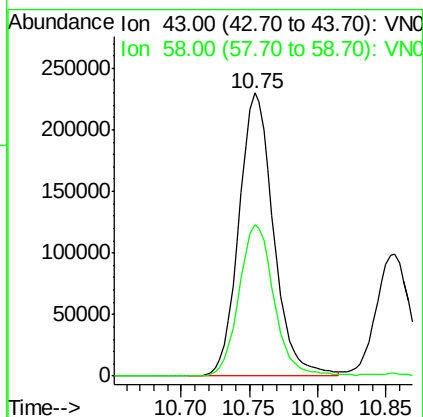
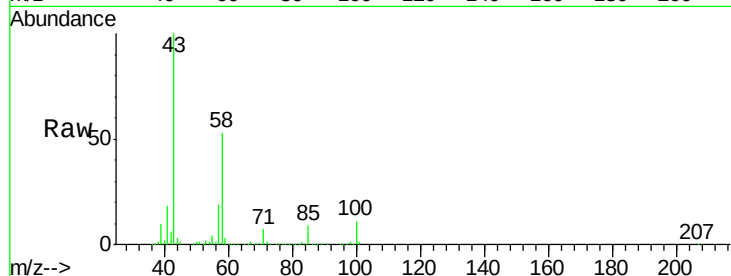




#59
2-Hexanone
Concen: 92.820 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

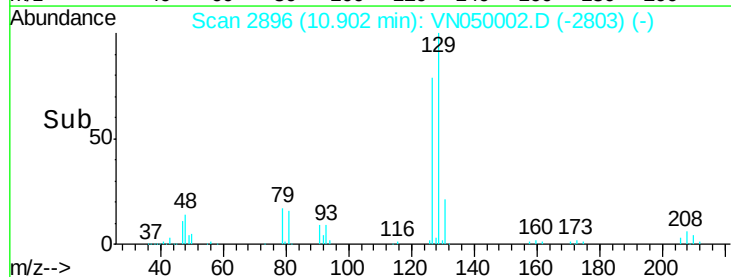
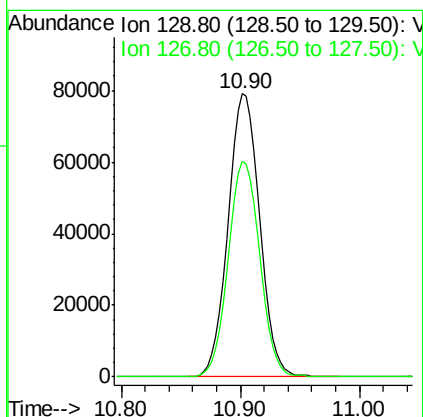
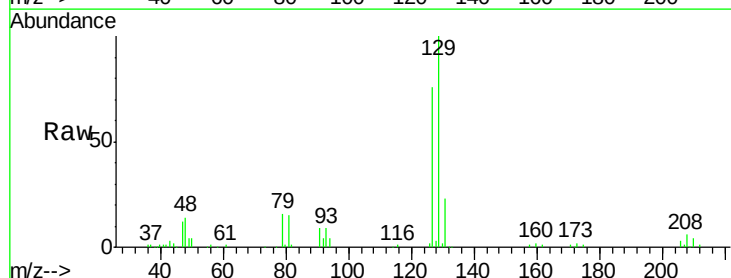
Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

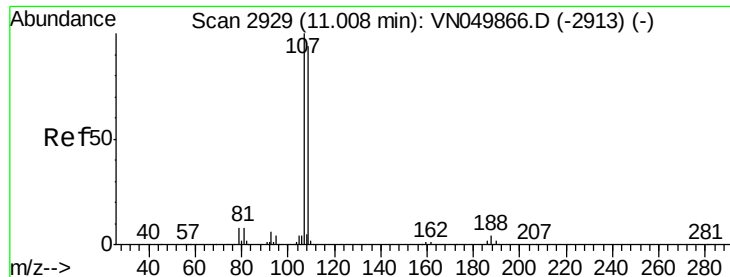
Tgt Ion: 43 Resp: 402383
Ion Ratio Lower Upper
43 100
58 54.5 27.8 83.4



#60
Dibromochloromethane
Concen: 18.352 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 129 Resp: 145466
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.9

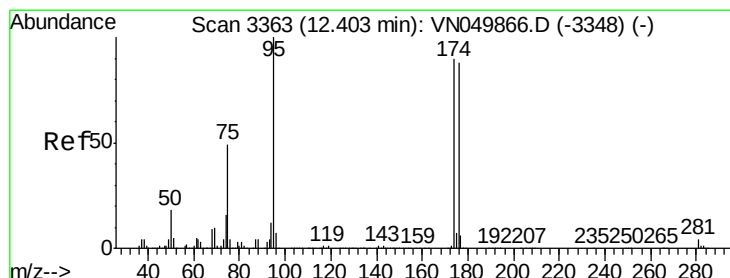
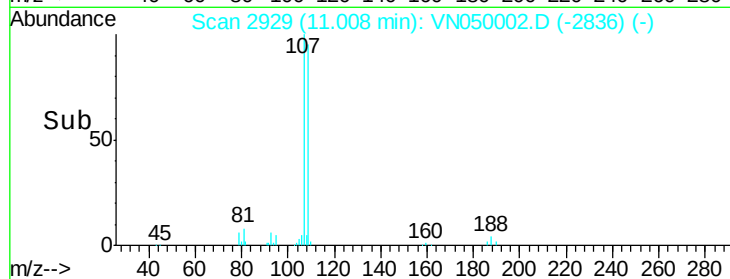
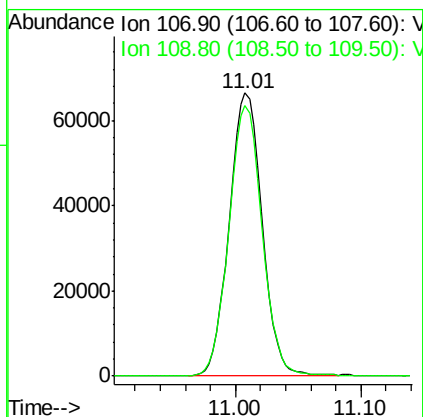
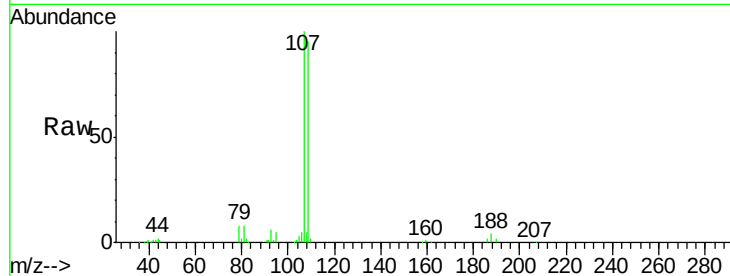




#61
 1,2-Dibromoethane
 Concen: 17.990 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

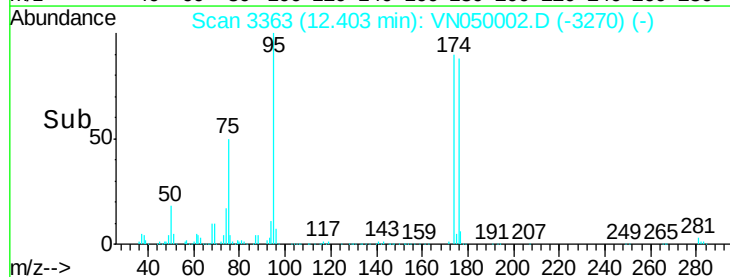
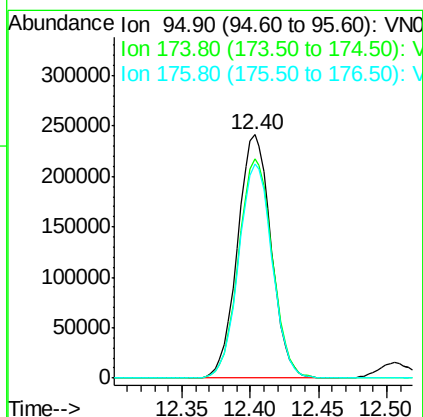
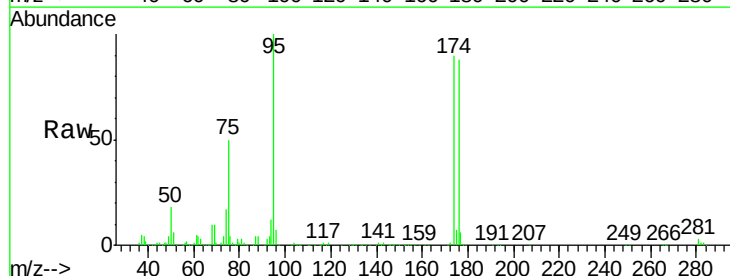
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

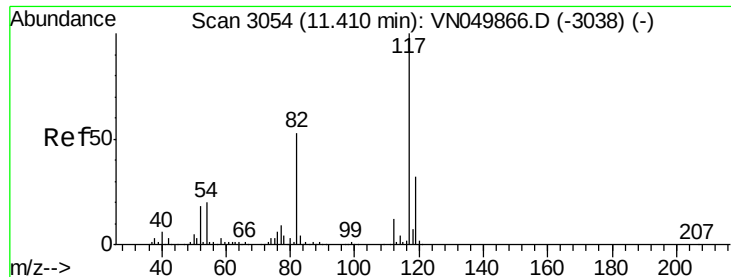
Tgt Ion: 107 Resp: 121504
 Ion Ratio Lower Upper
 107 100
 109 96.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 45.270 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion: 95 Resp: 412771
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 179.6
 176 87.6 0.0 174.0

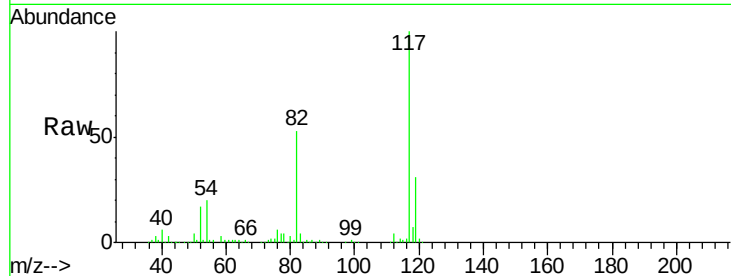




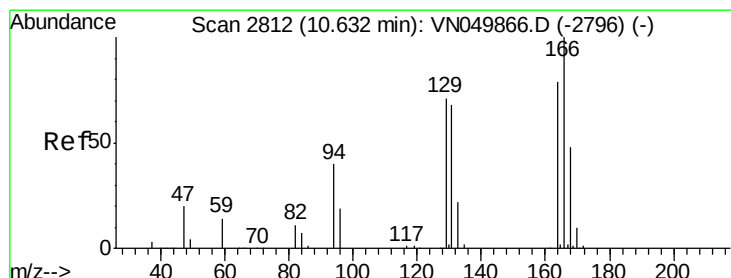
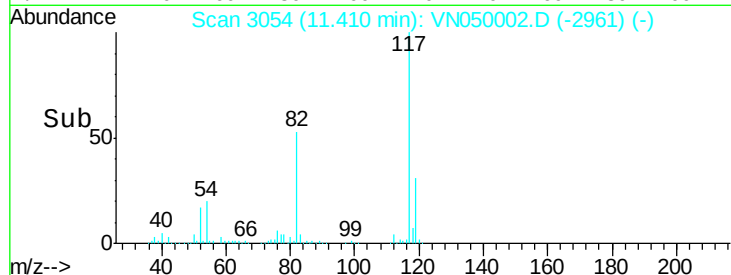
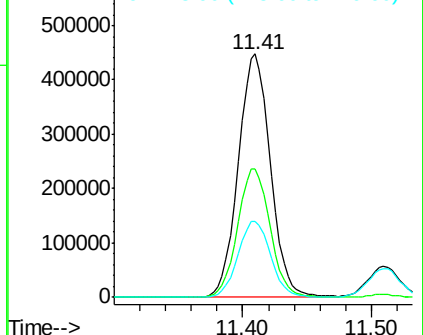
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion:117 Resp: 777593
Ion Ratio Lower Upper
117 100
82 53.0 41.9 62.9
119 31.4 25.4 38.2

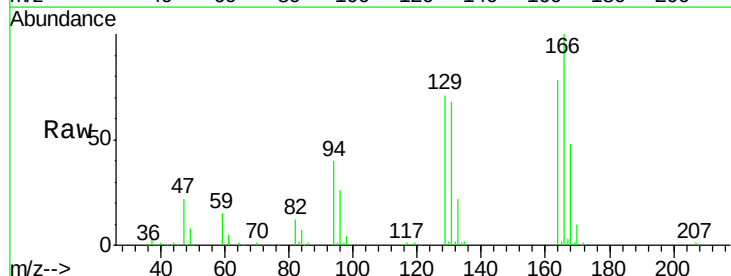


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

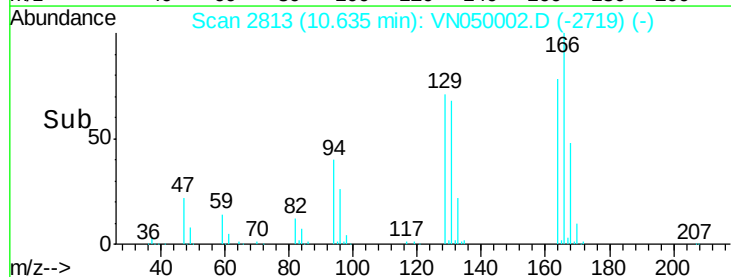
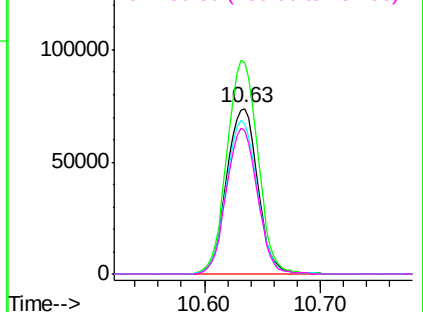


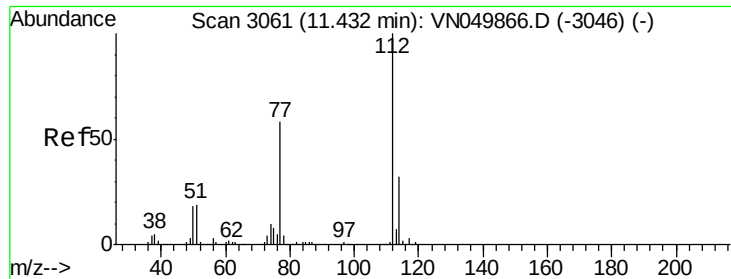
#64
Tetrachloroethene
Concen: 19.560 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion:164 Resp: 136676
Ion Ratio Lower Upper
164 100
166 127.7 101.8 152.6
129 90.2 72.8 109.2
131 86.3 70.0 105.0



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

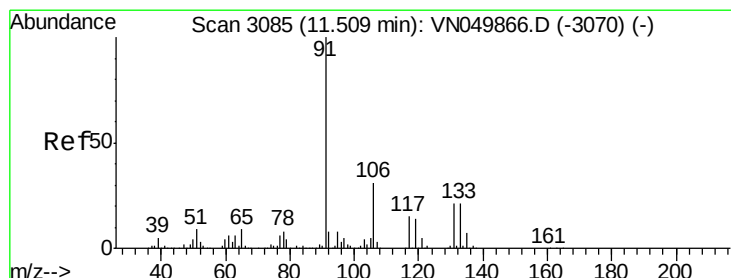
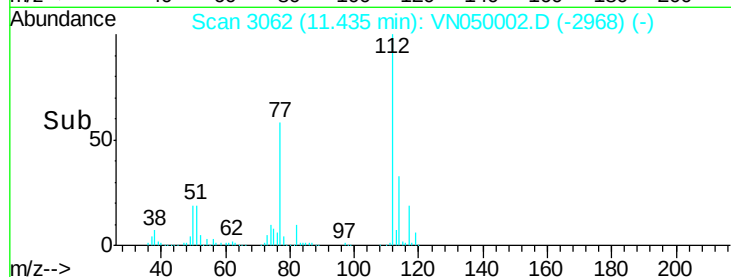
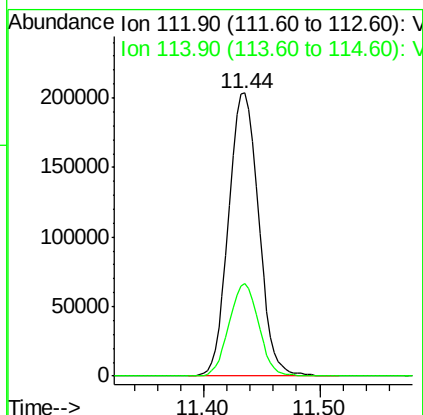
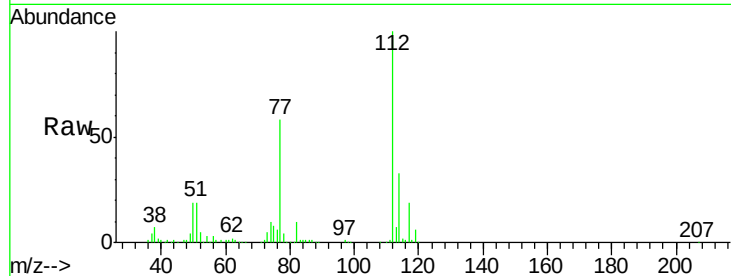




#65
Chlorobenzene
Concen: 18.703 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

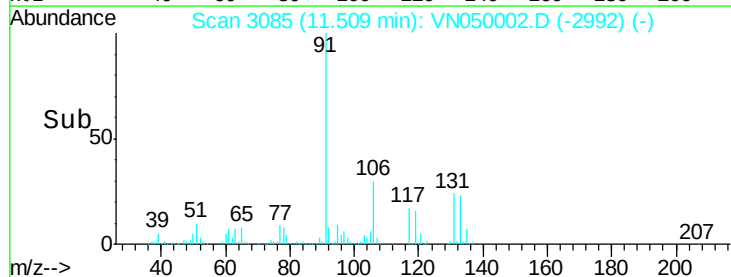
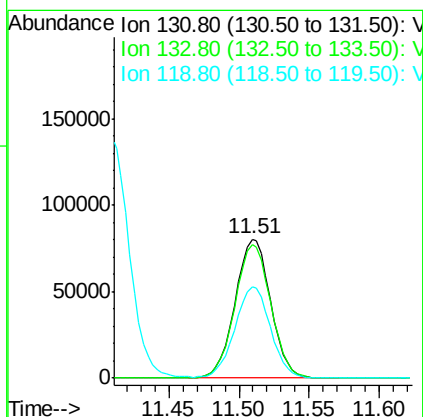
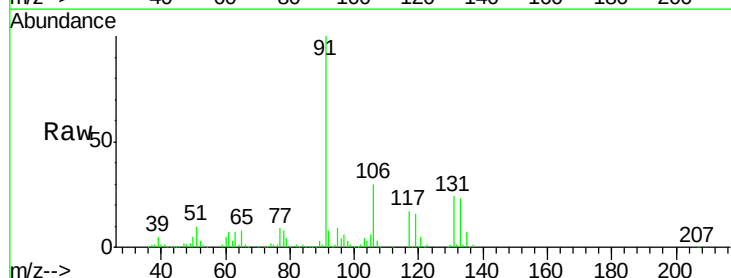
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

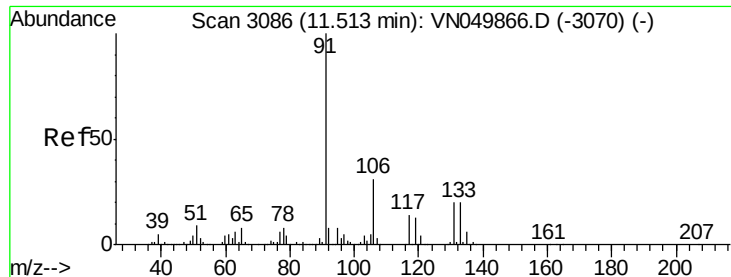
Tgt Ion:112 Resp: 365415
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.729 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion:131 Resp: 141730
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 65.9 33.1 99.3





#67

Ethyl Benzene

Concen: 18.779 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

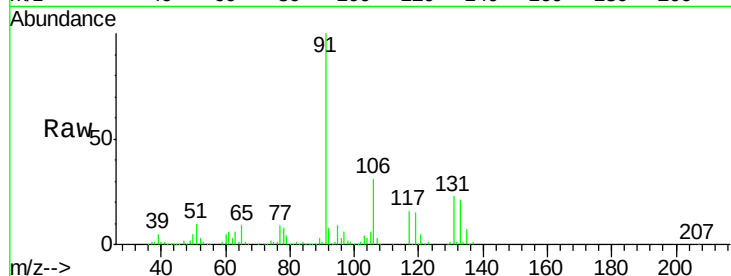
VN0723WBS01

Tgt Ion: 91 Resp: 595168

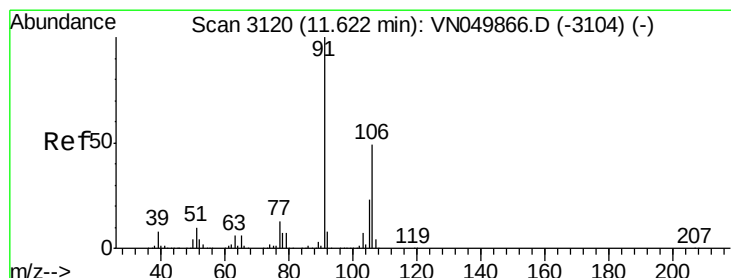
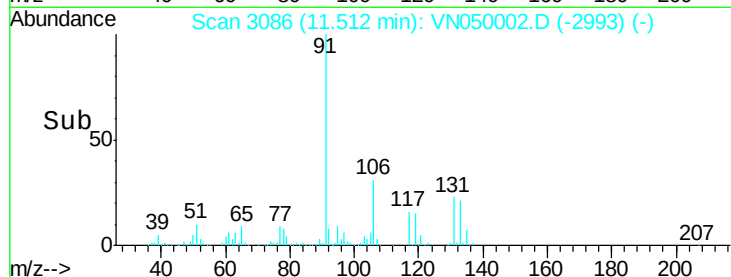
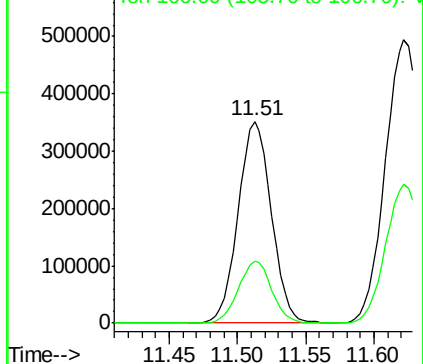
Ion Ratio Lower Upper

91 100

106 30.7 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN049866.D (-3070) (-)



#68

m/p-Xylenes

Concen: 38.519 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050002.D

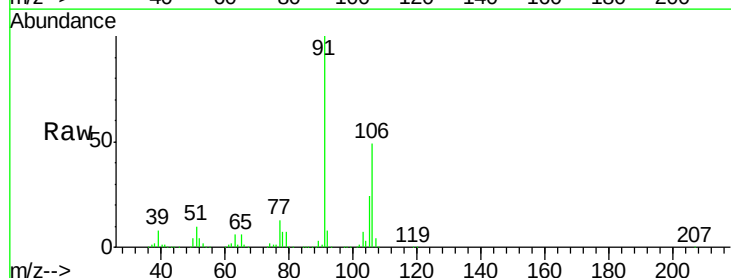
Acq: 23 Jul 2018 10:17

Tgt Ion: 106 Resp: 462125

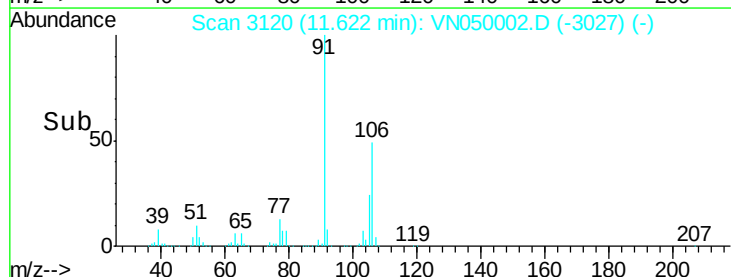
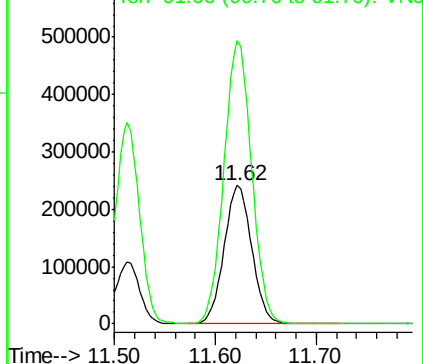
Ion Ratio Lower Upper

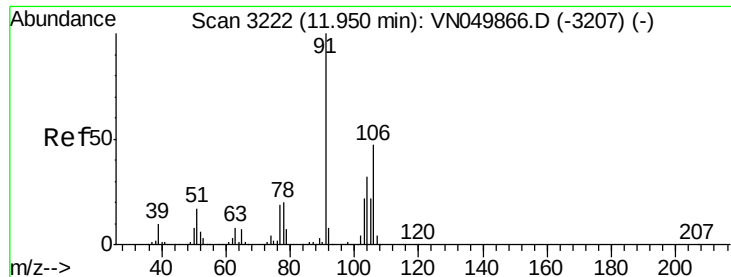
106 100

91 205.1 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VN049866.D (-3104) (-)

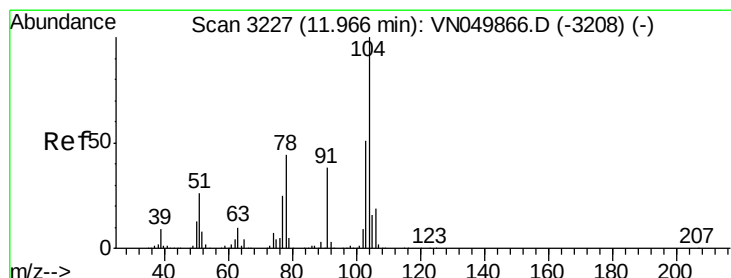
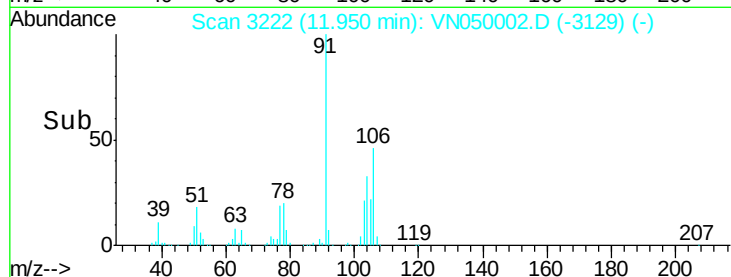
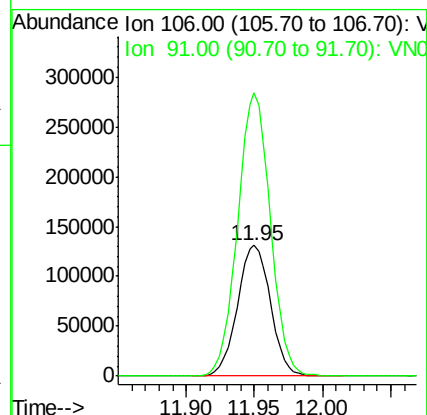
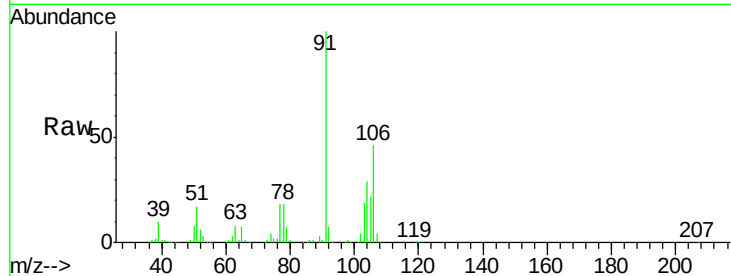




#69
o-Xylene
Concen: 19.130 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

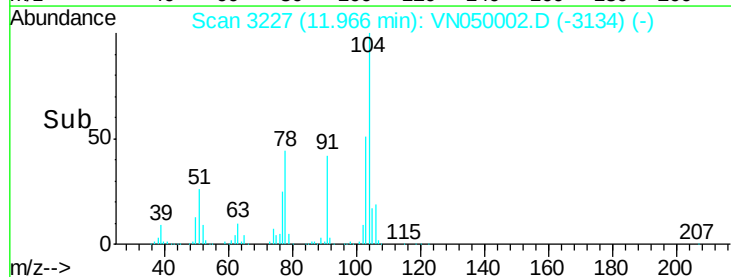
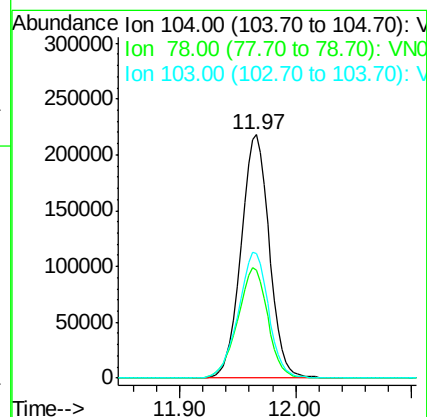
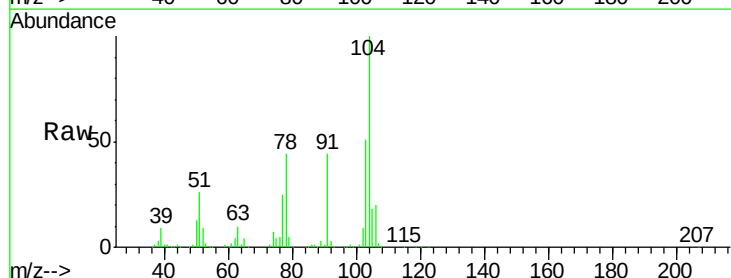
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

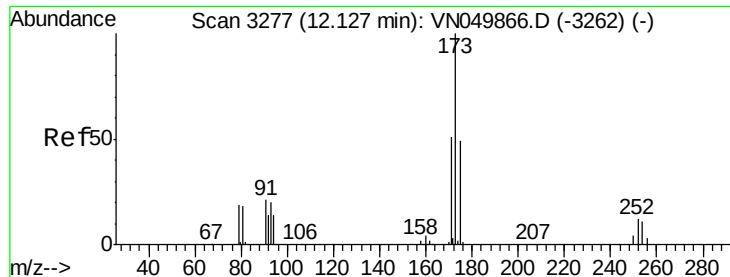
Tgt Ion:106 Resp: 220432
Ion Ratio Lower Upper
106 100
91 214.9 108.7 326.1



#70
Styrene
Concen: 19.658 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion:104 Resp: 366905
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 55.5 44.6 67.0





#71

Bromoform

Concen: 18.427 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

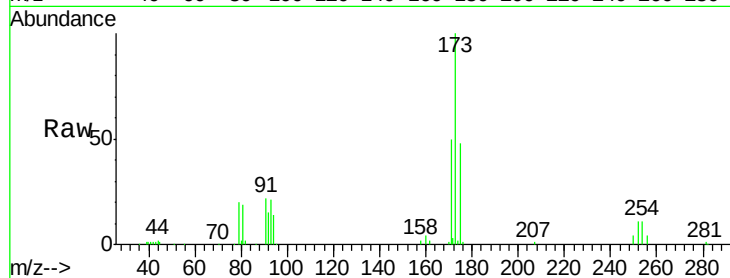
Tgt Ion:173 Resp: 99757

Ion Ratio Lower Upper

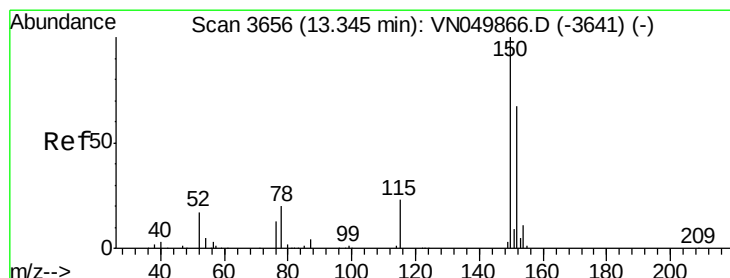
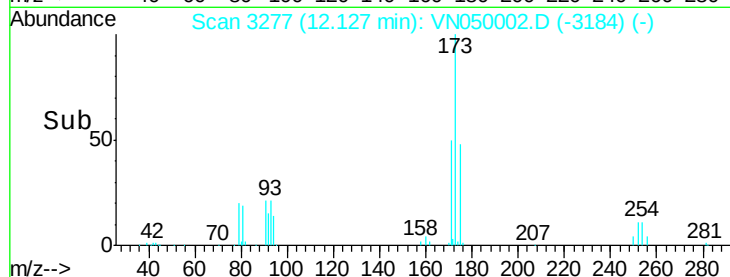
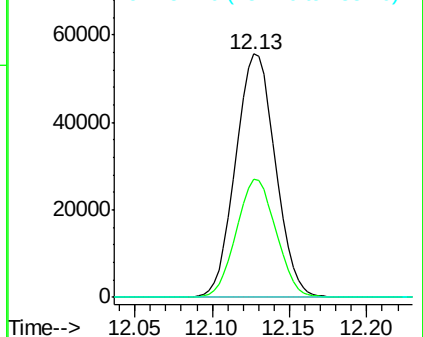
173 100

175 48.4 24.6 73.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

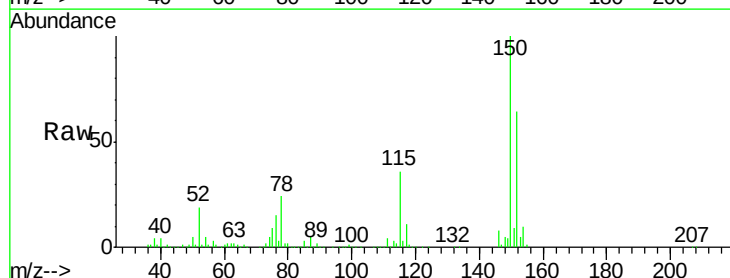
Tgt Ion:152 Resp: 399478

Ion Ratio Lower Upper

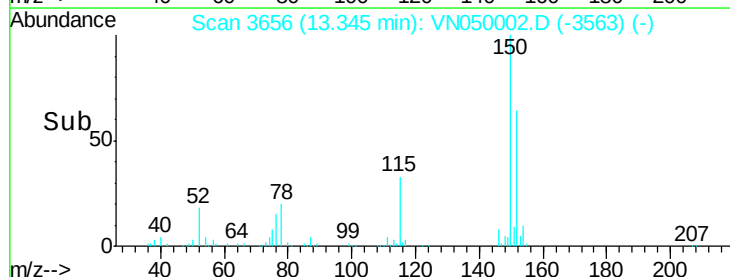
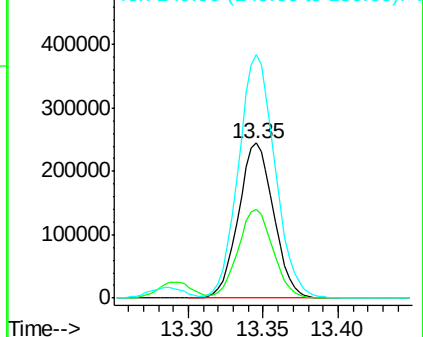
152 100

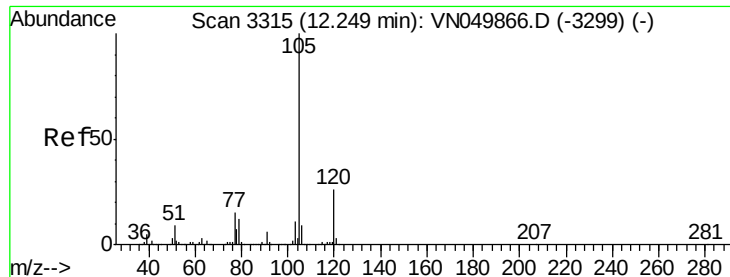
115 57.4 28.1 84.2

150 163.4 0.0 347.6



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





#73

Isopropylbenzene

Concen: 19.570 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

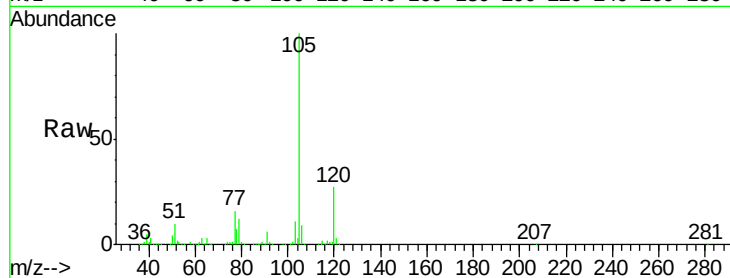
VN0723WBS01

Tgt Ion: 105 Resp: 593836

Ion Ratio Lower Upper

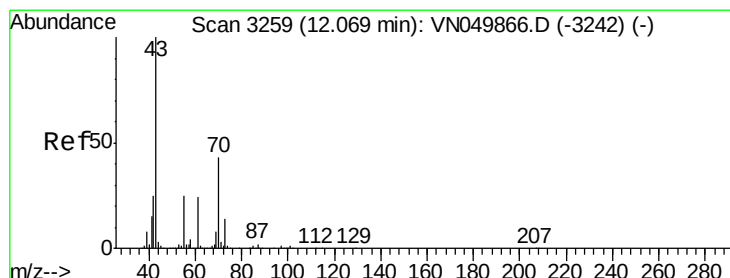
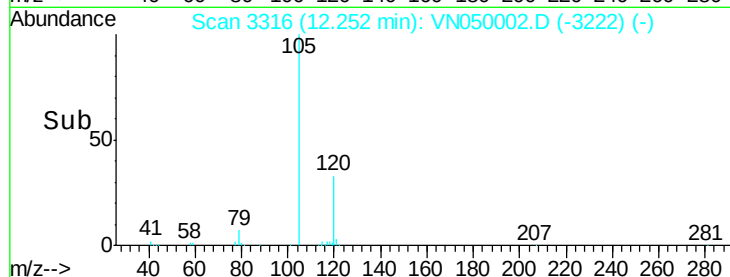
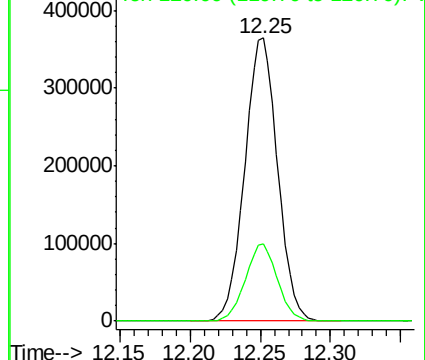
105 100

120 26.6 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: 17.978 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Tgt Ion: 43 Resp: 166049

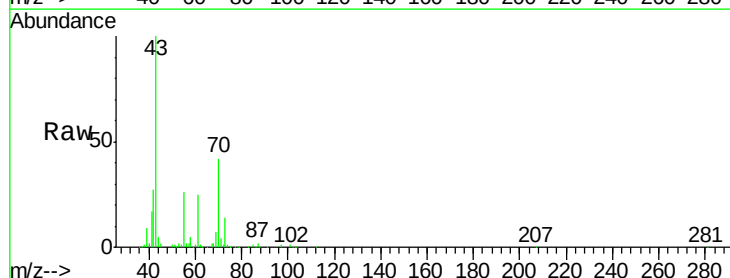
Ion Ratio Lower Upper

43 100

70 42.0 34.8 52.2

55 26.6 20.9 31.3

61 24.0 19.9 29.9

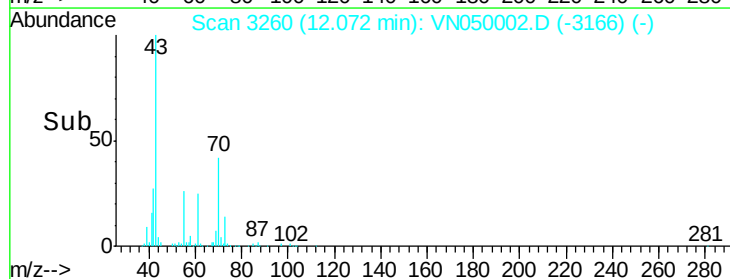
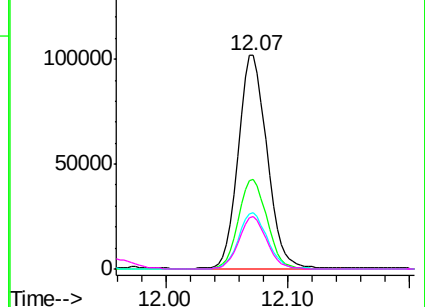


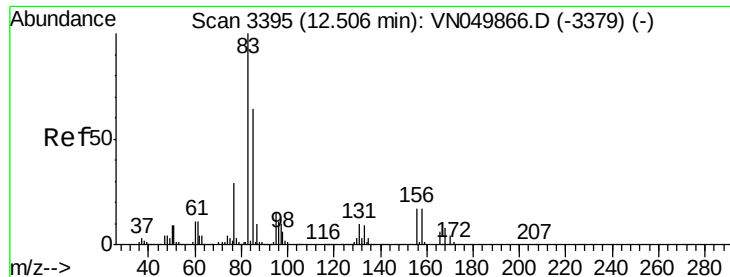
Abundance Ion 43.00 (42.70 to 43.70): V

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: 18.119 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampled :

VN0723WBS01

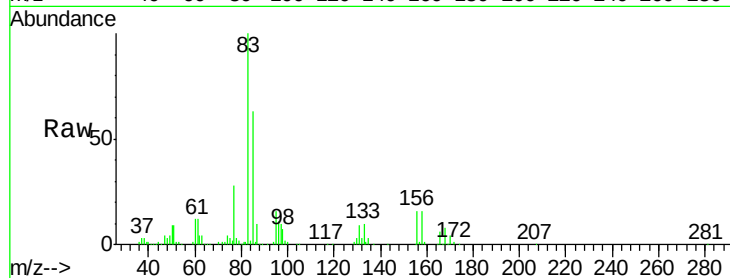
Tgt Ion: 83 Resp: 164736

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

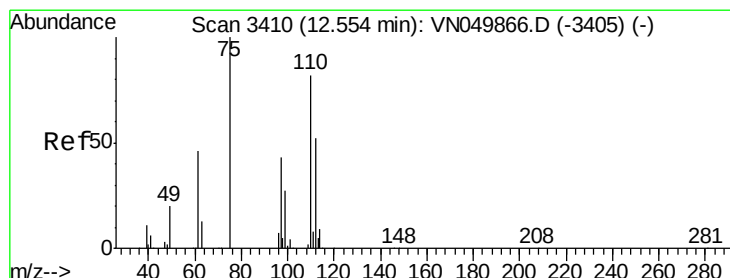
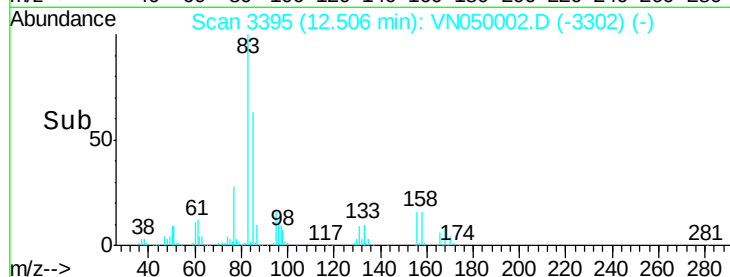
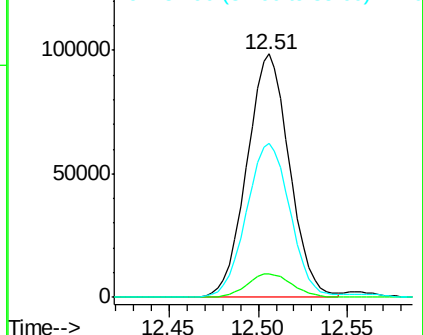
85 64.6 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.158 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050002.D

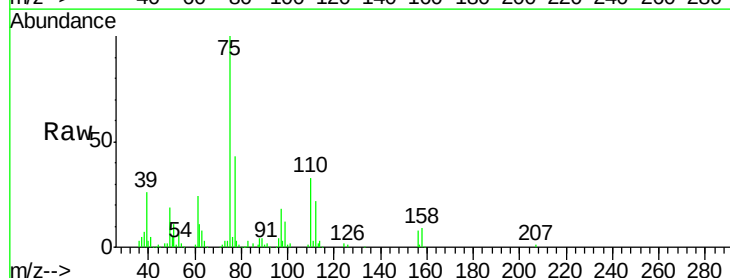
Acq: 23 Jul 2018 10:17

Tgt Ion: 75 Resp: 196016

Ion Ratio Lower Upper

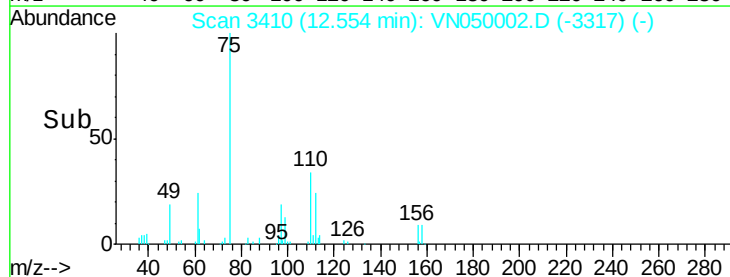
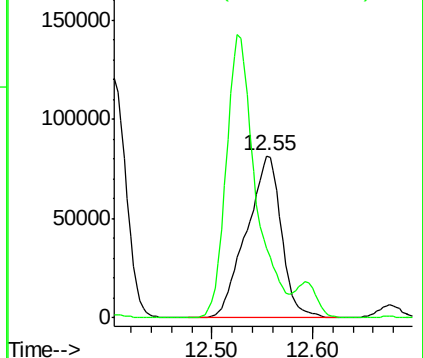
75 100

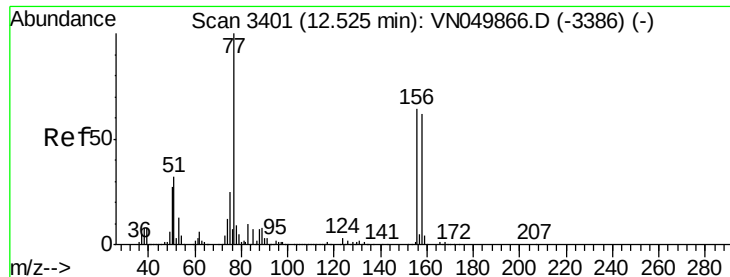
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.635 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

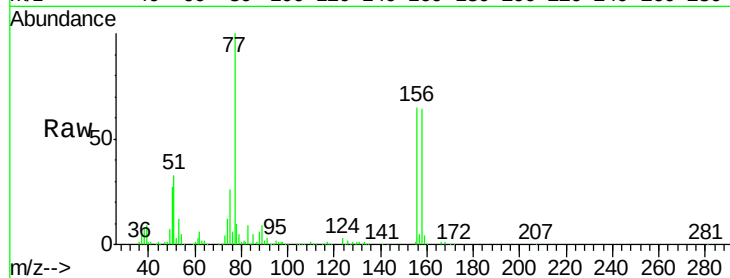
Tgt Ion:156 Resp: 156146

Ion Ratio Lower Upper

156 100

77 186.8 90.2 270.6

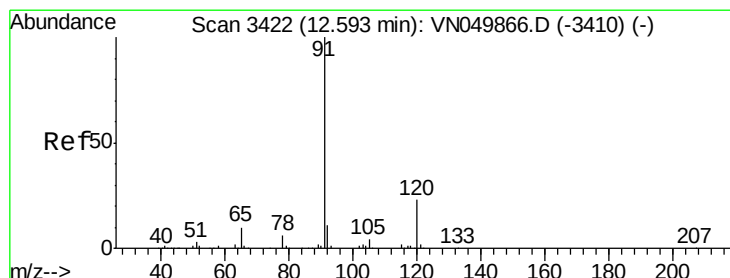
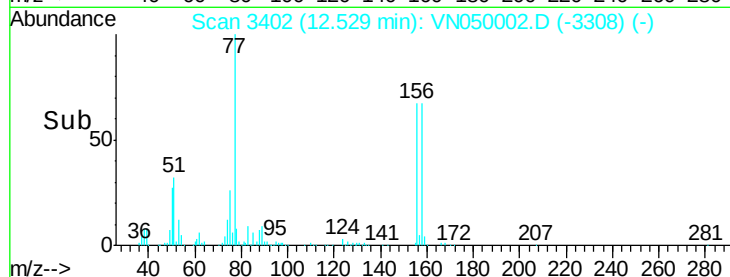
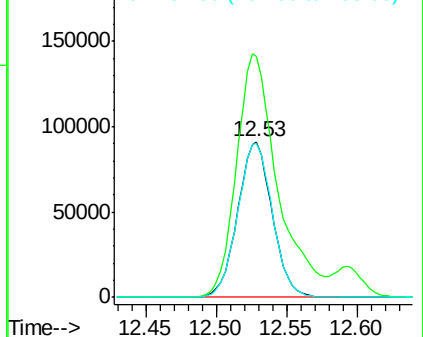
158 99.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.198 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050002.D

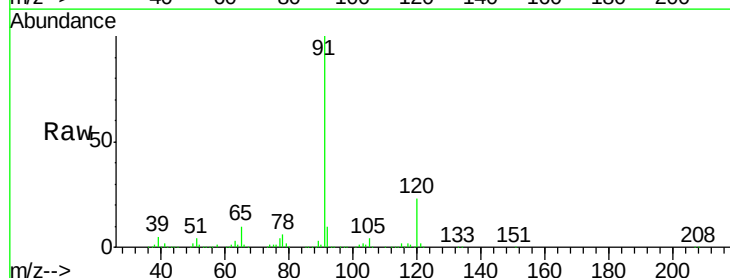
Acq: 23 Jul 2018 10:17

Tgt Ion: 91 Resp: 696796

Ion Ratio Lower Upper

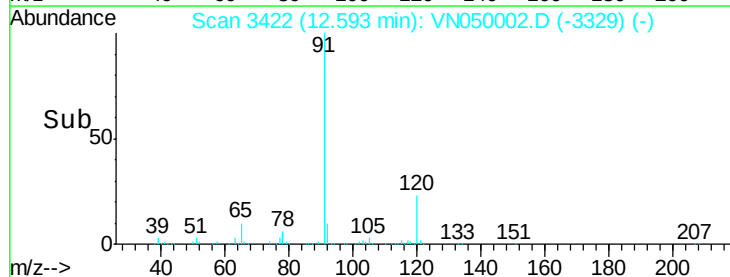
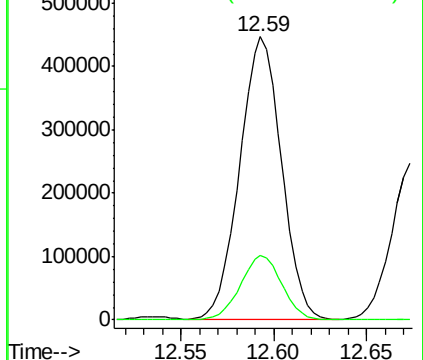
91 100

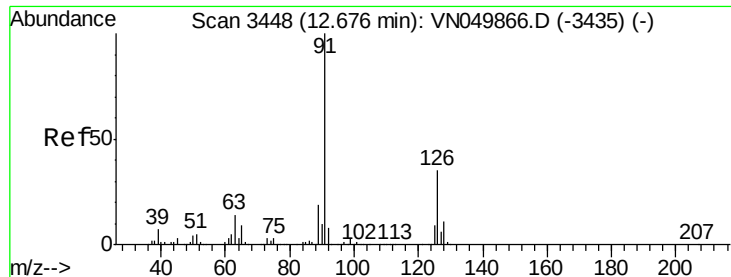
120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.092 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

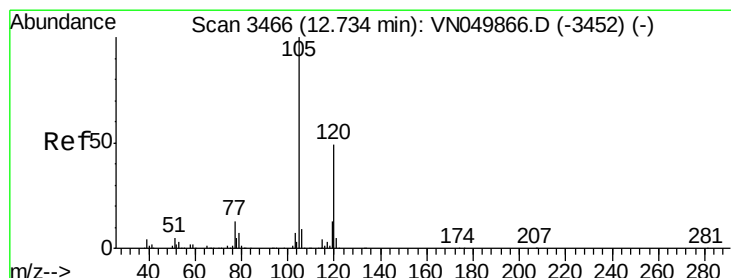
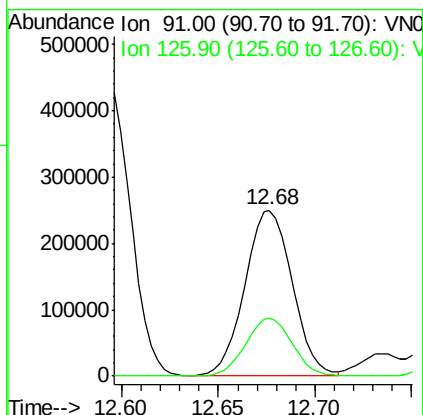
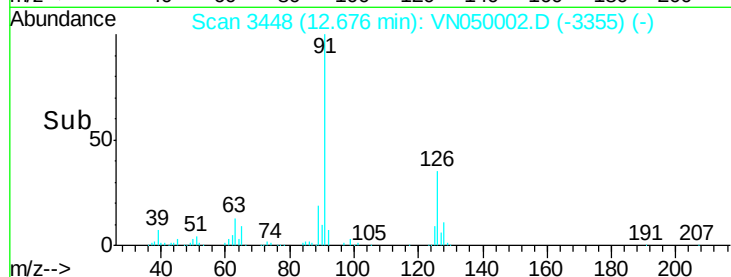
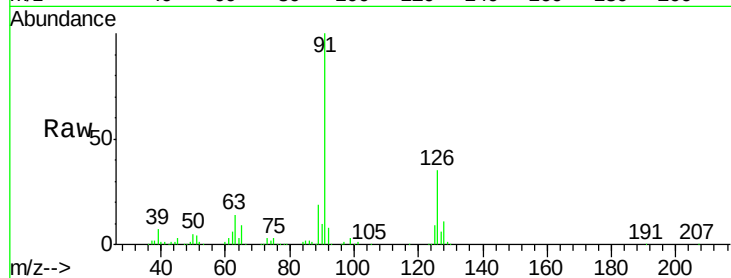
VN0723WBS01

Tgt Ion: 91 Resp: 425610

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.531 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050002.D

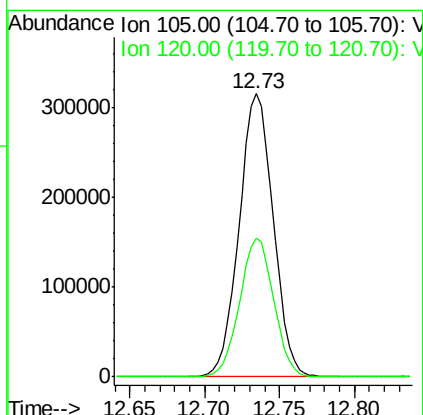
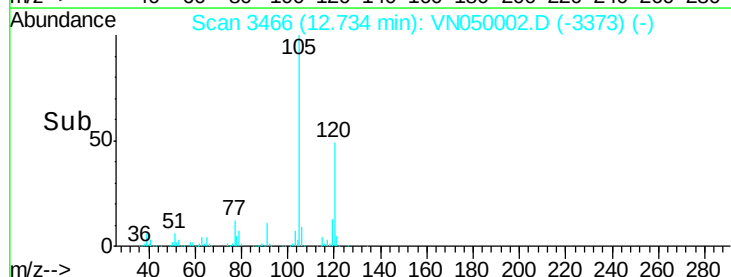
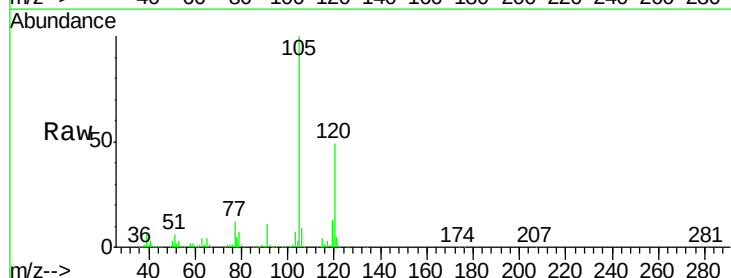
Acq: 23 Jul 2018 10:17

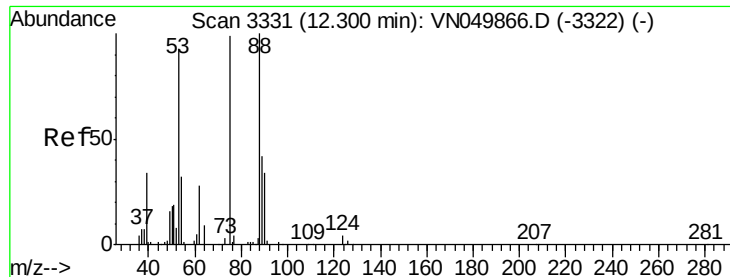
Tgt Ion: 105 Resp: 499342

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.426 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

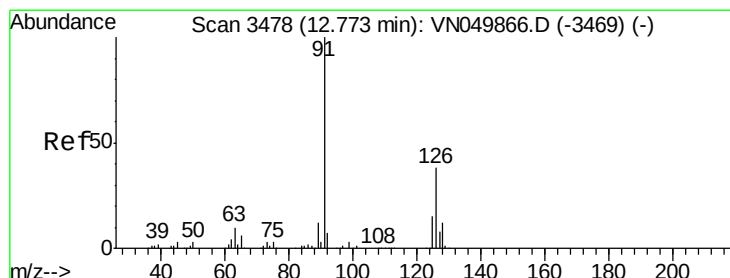
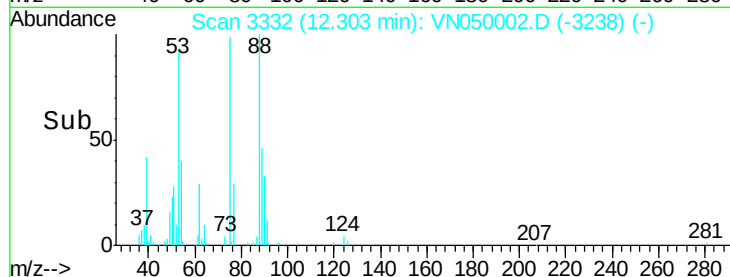
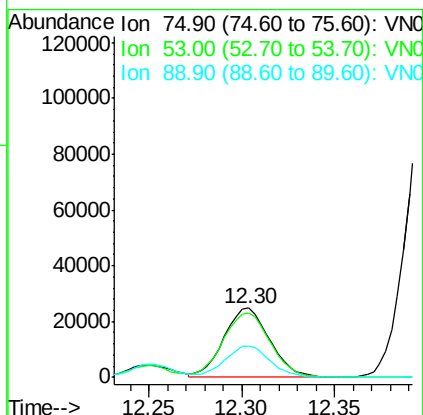
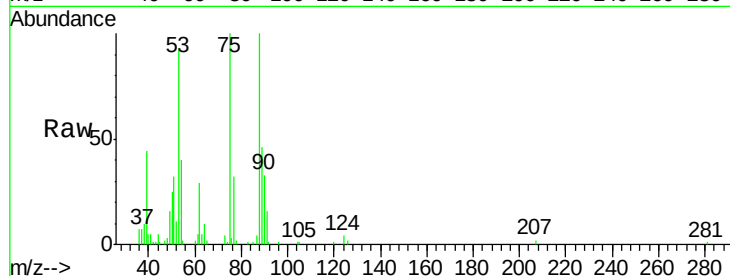
Tgt Ion: 75 Resp: 41762

Ion Ratio Lower Upper

75 100

53 98.2 73.9 110.9

89 45.7 35.9 53.9



#82

4-Chlorotoluene

Concen: 19.884 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050002.D

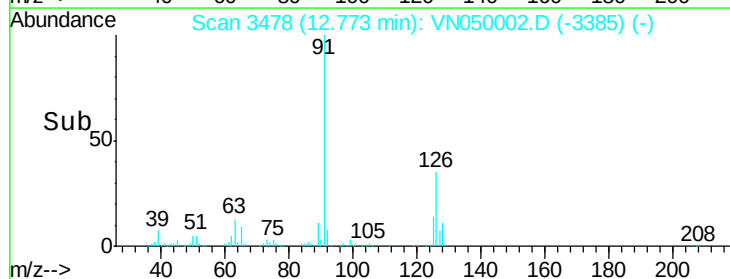
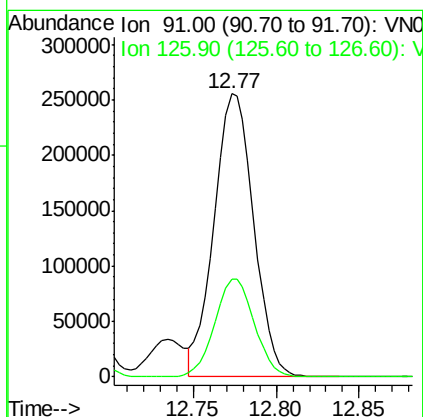
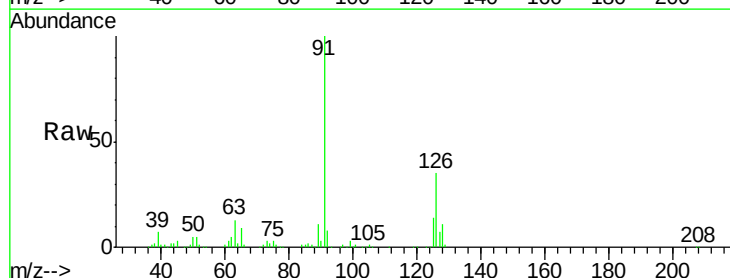
Acq: 23 Jul 2018 10:17

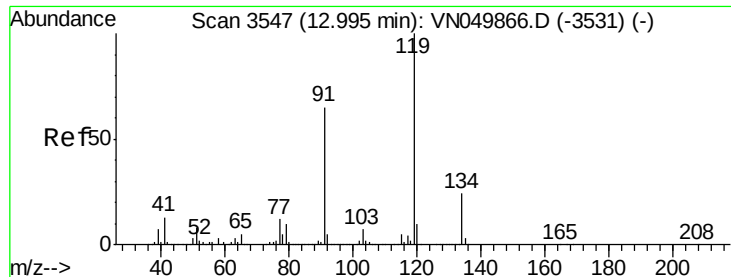
Tgt Ion: 91 Resp: 422550

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6

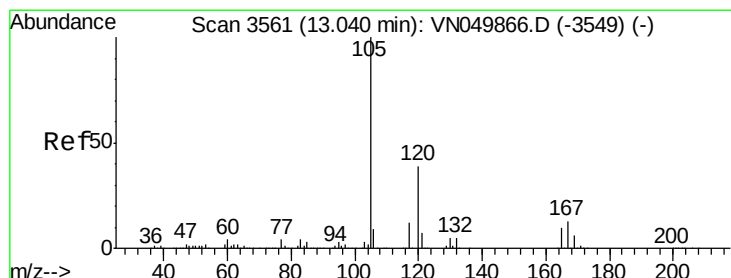
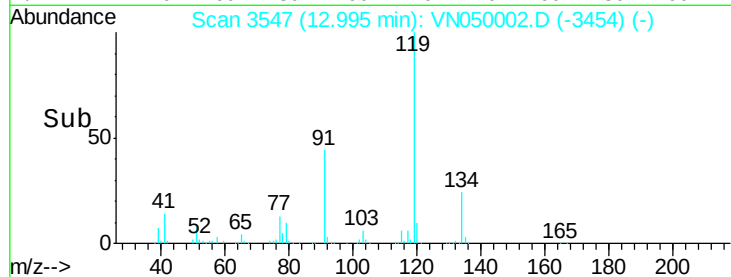
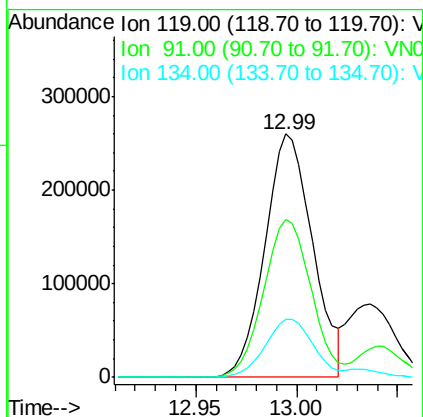
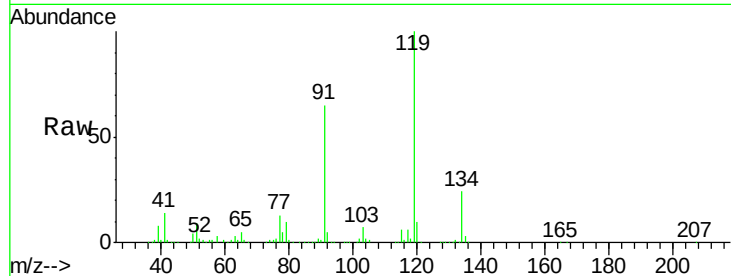




#83
 tert-Butylbenzene
 Concen: 20.013 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

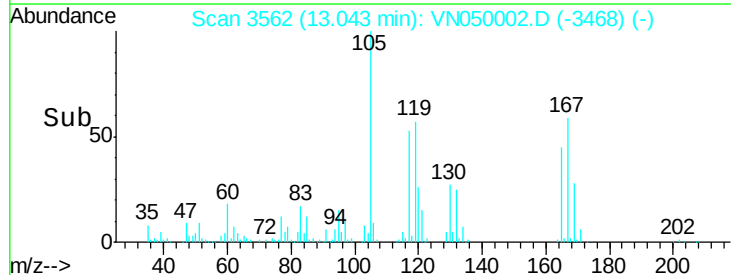
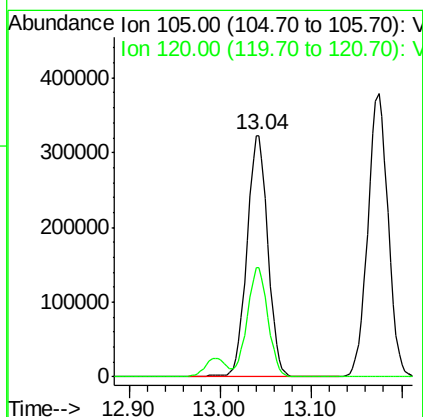
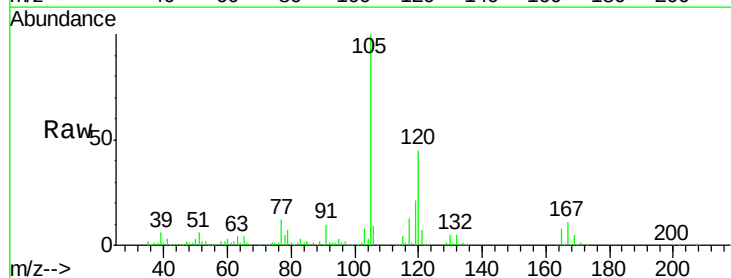
Instrument :
 MSVOA_N
 ClientSampled :
 VN0723WBS01

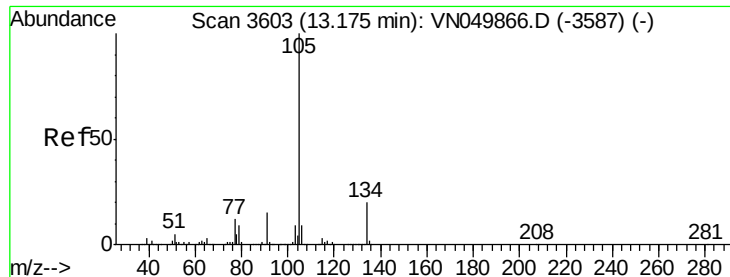
Tgt Ion:119 Resp: 427471
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.0 96.2
 134 24.1 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.899 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion:105 Resp: 514903
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.702 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

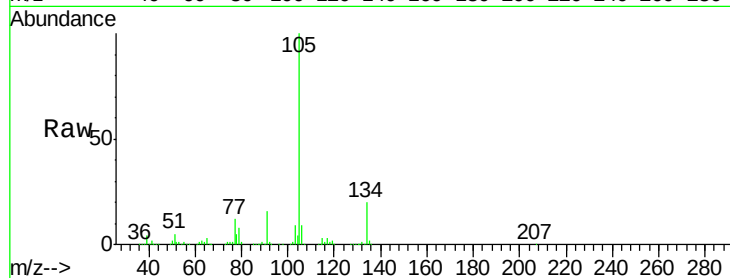
VN0723WBS01

Tgt Ion:105 Resp: 584338

Ion Ratio Lower Upper

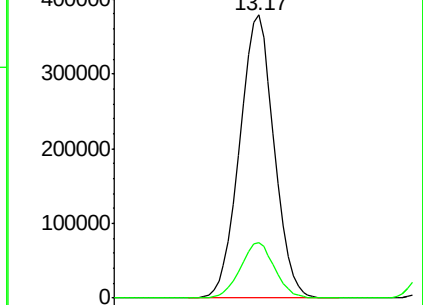
105 100

134 19.6 10.1 30.1

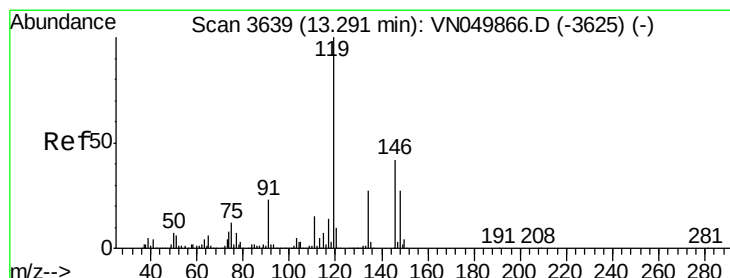
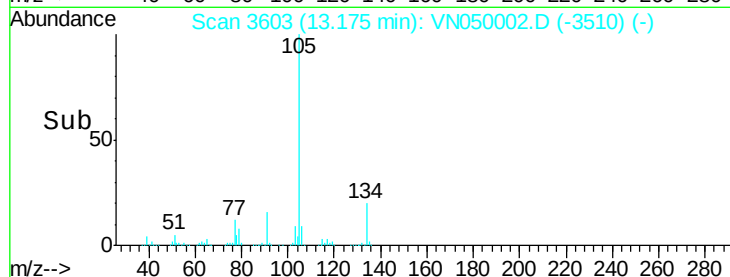


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.722 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

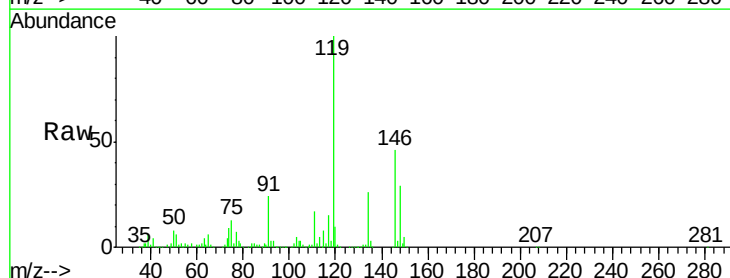
Tgt Ion:119 Resp: 498642

Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.9

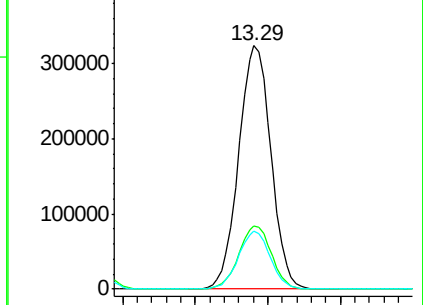
91 23.3 11.4 34.1



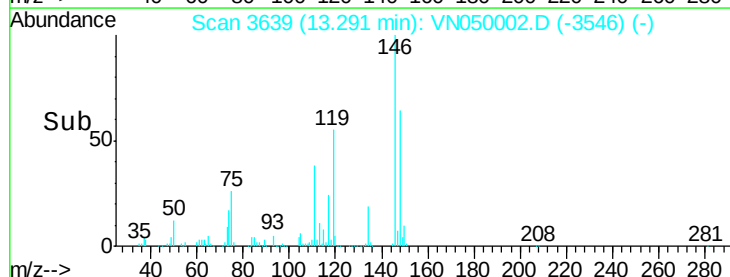
Abundance Ion 119.00 (118.70 to 119.70): V

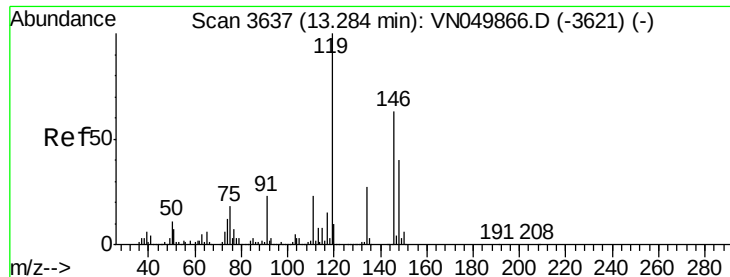
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 19.251 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

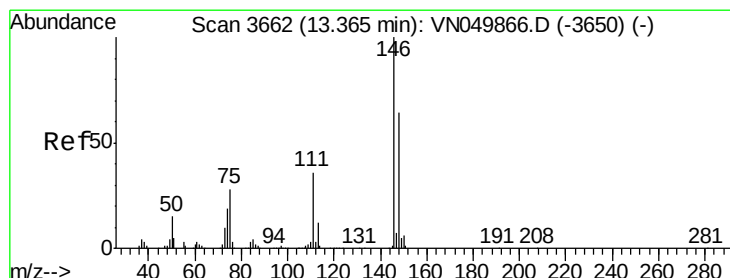
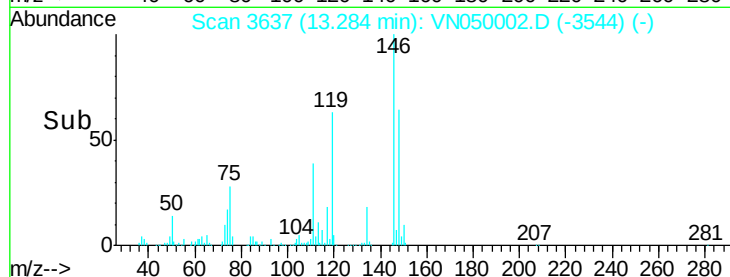
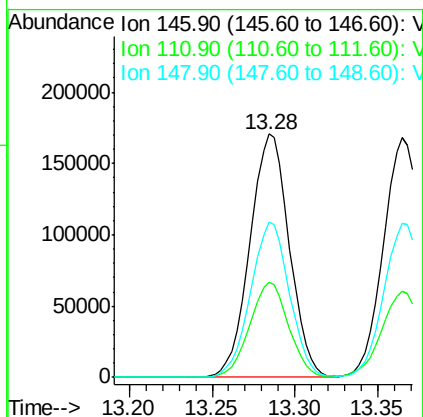
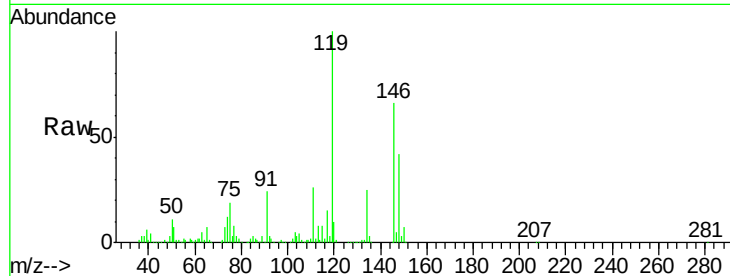
Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampled :
VN0723WBS01

Tgt Ion:146 Resp: 281066

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	63.1	32.5	97.5



#88

1,4-Dichlorobenzene

Concen: 18.760 ug/l

RT: 13.36 min Scan# 3662

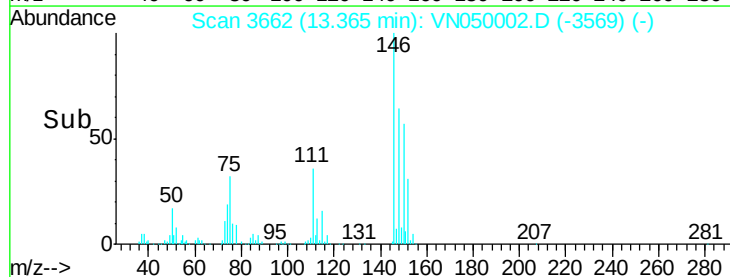
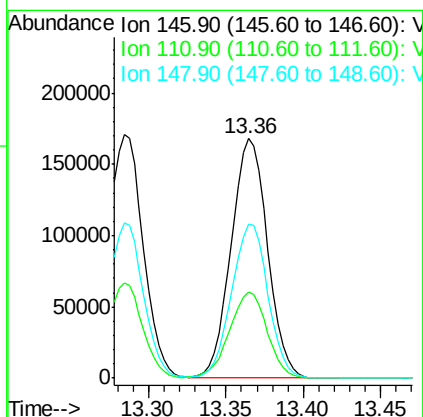
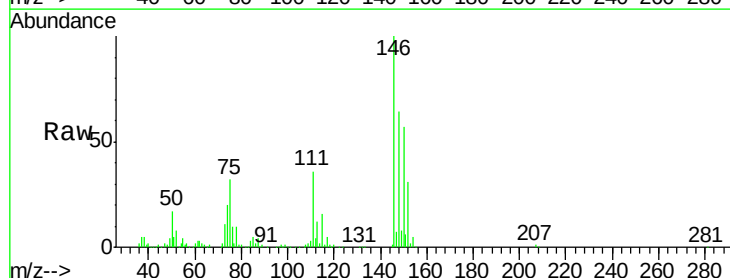
Delta R.T. -0.00 min

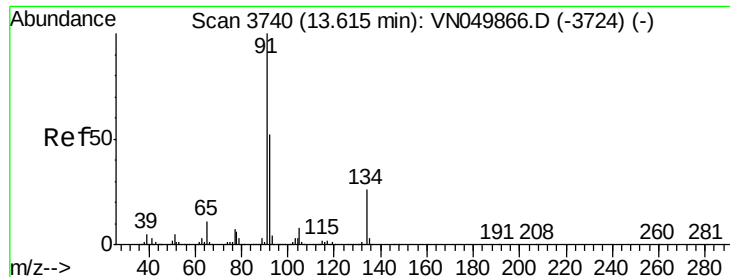
Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Tgt Ion:146 Resp: 274591

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.5
148	64.3	32.1	96.3

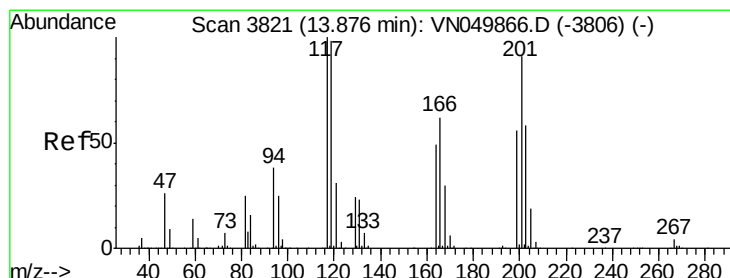
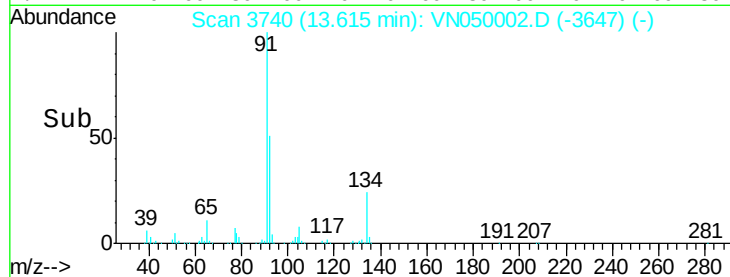
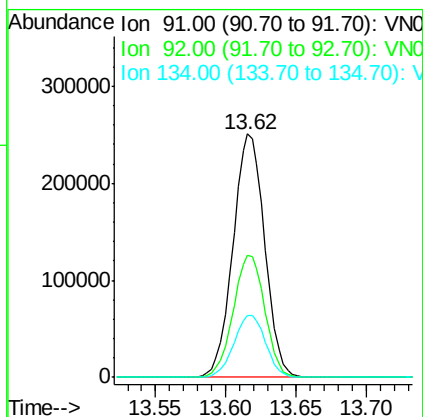
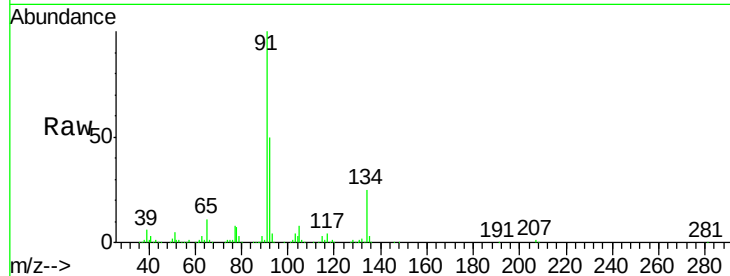




#89
n-Butylbenzene
Concen: 19.833 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

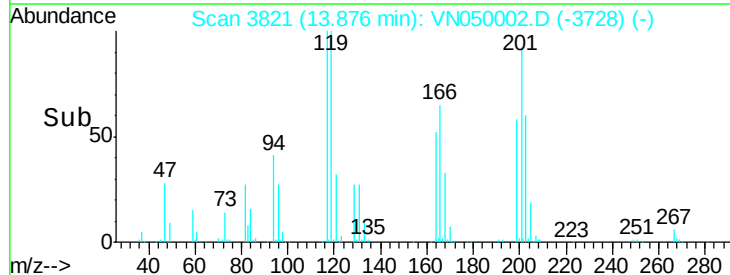
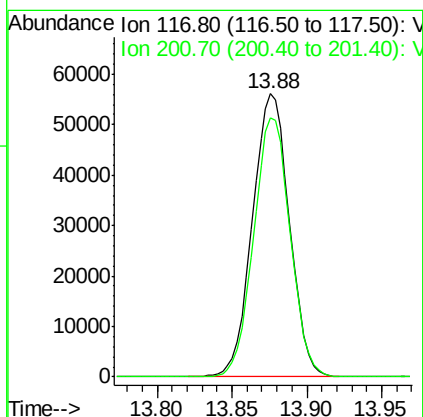
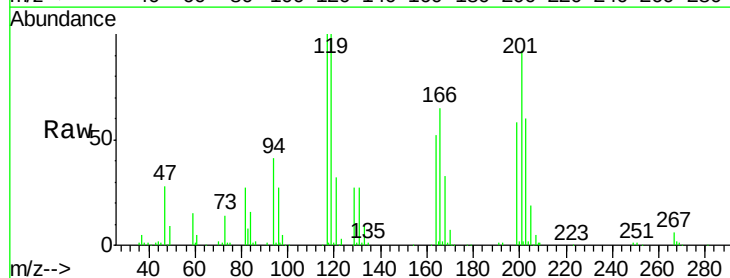
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

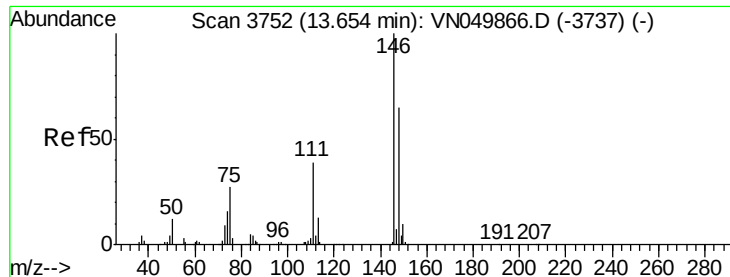
Tgt Ion: 91 Resp: 394040
Ion Ratio Lower Upper
91 100
92 50.1 25.8 77.3
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 17.792 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion: 117 Resp: 96089
Ion Ratio Lower Upper
117 100
201 90.7 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 19.309 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBS01

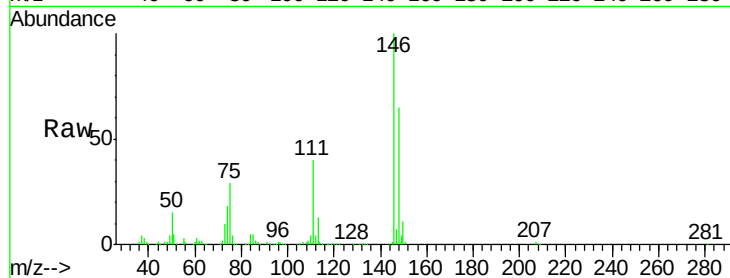
Tgt Ion:146 Resp: 277166

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

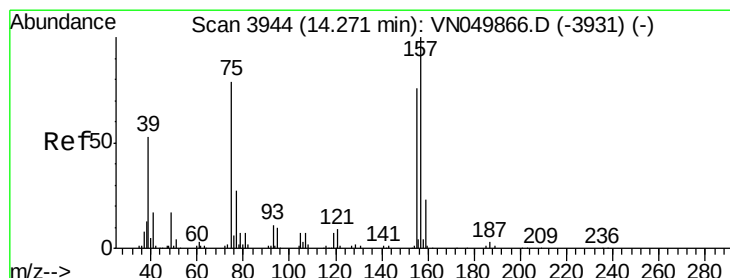
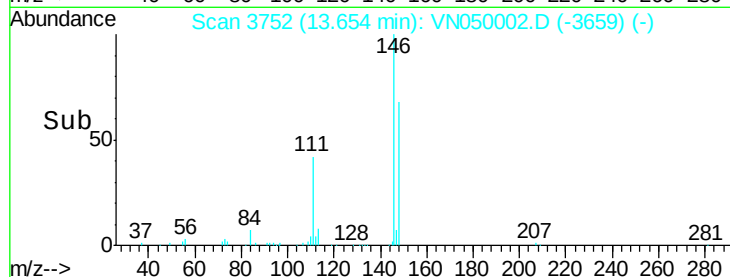
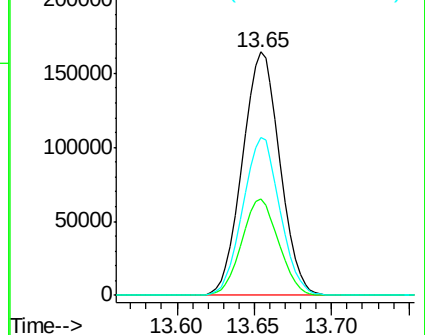
148 64.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.275 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN050002.D

Acq: 23 Jul 2018 10:17

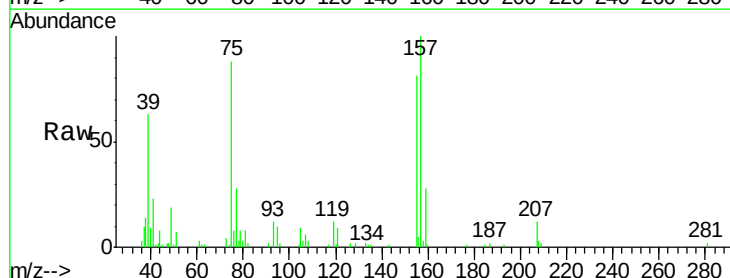
Tgt Ion: 75 Resp: 24266

Ion Ratio Lower Upper

75 100

155 91.7 45.7 137.1

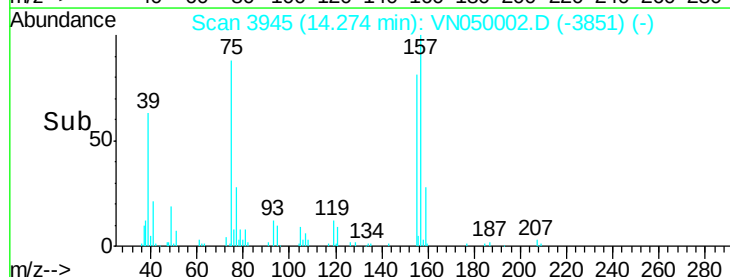
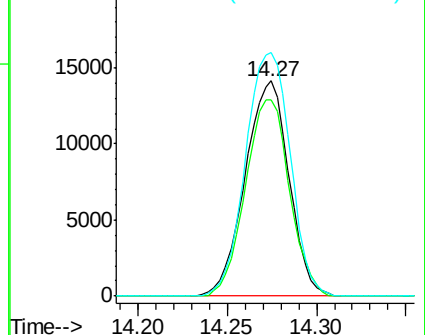
157 115.6 56.9 170.7

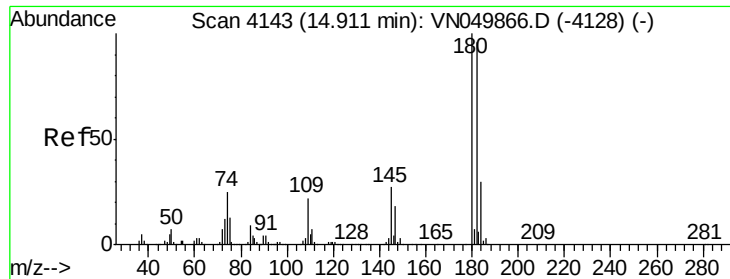


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

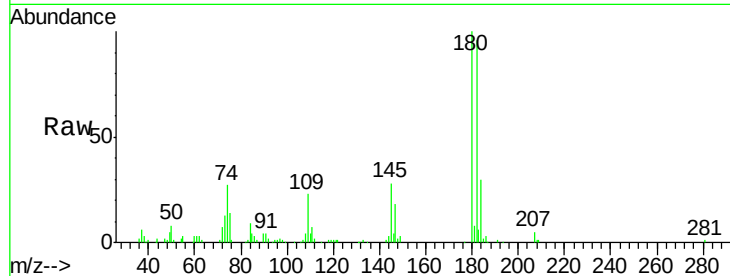




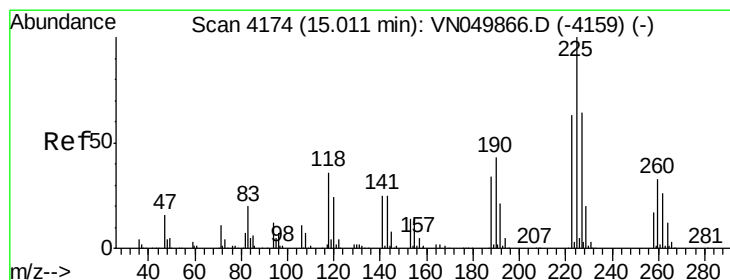
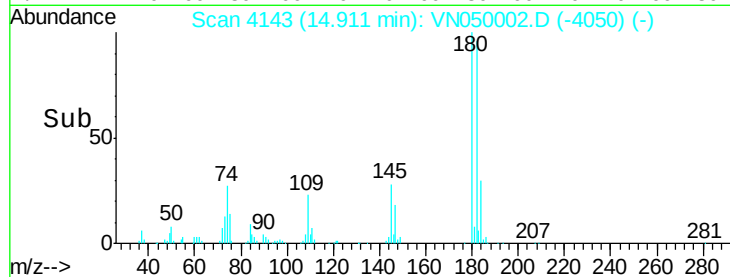
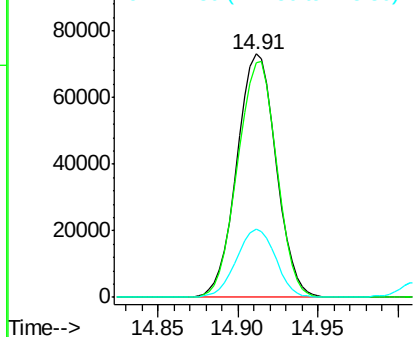
#93
 1,2,4-Trichlorobenzene
 Concen: 17.821 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBS01

Tgt Ion:180 Resp: 122027
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.3 141.9
 145 27.9 14.4 43.0

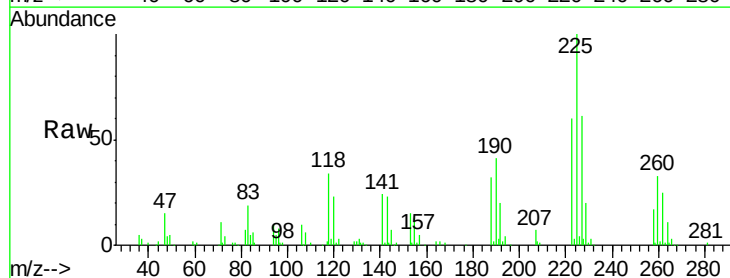


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

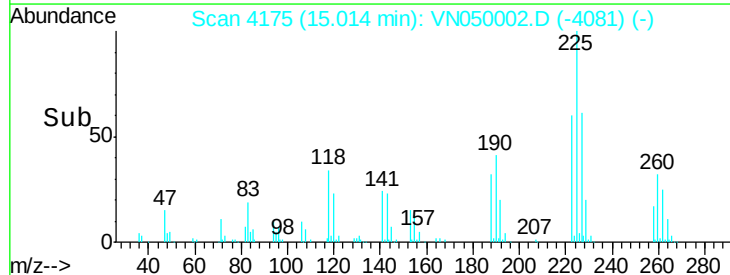
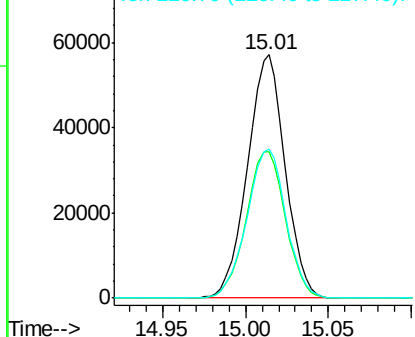


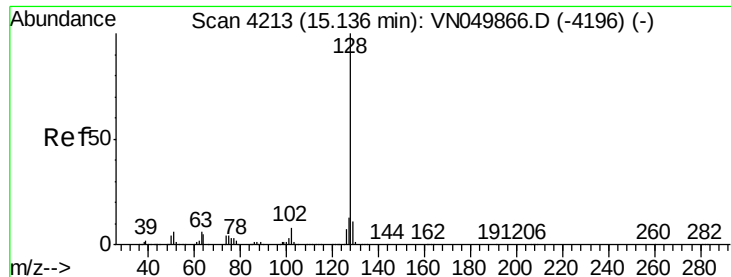
#94
 Hexachlorobutadiene
 Concen: 19.130 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050002.D
 Acq: 23 Jul 2018 10:17

Tgt Ion:225 Resp: 89990
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.7
 227 63.6 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

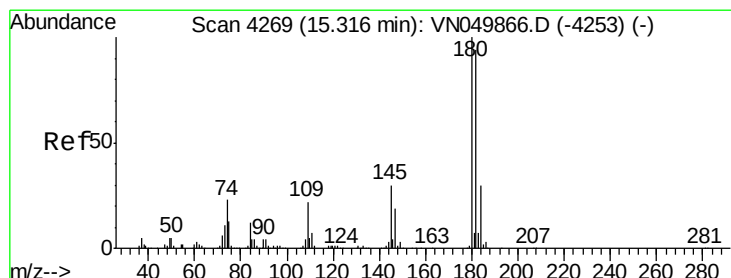
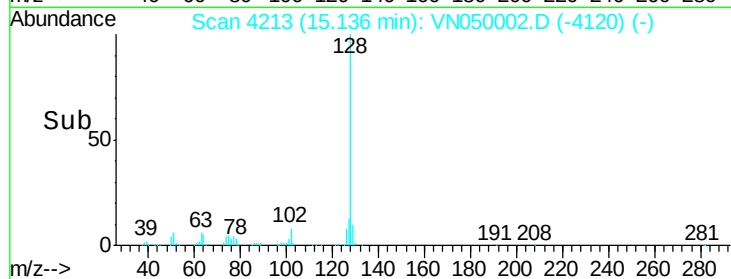
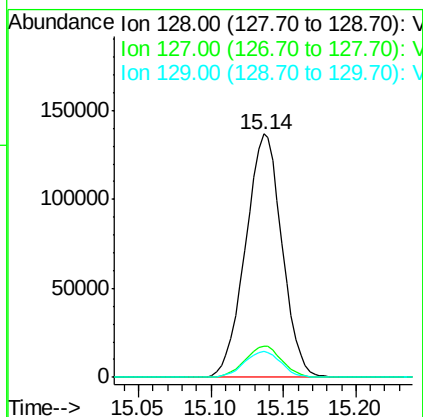
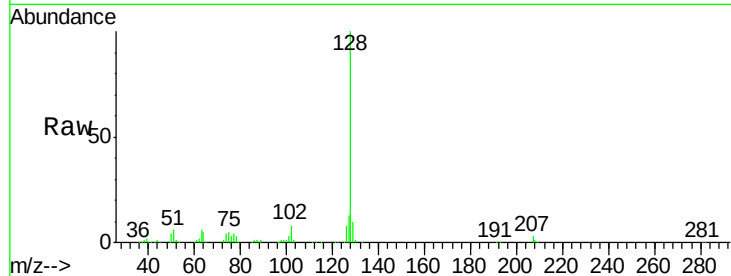




#95
Naphthalene
Concen: 16.015 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBS01

Tgt Ion:128 Resp: 239562
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.772 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050002.D
Acq: 23 Jul 2018 10:17

Tgt Ion:180 Resp: 129272
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.2
145 29.3 15.2 45.6

