

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051113.D
 Acq On : 11 Sep 2018 9:27
 Operator : MD\SY
 Sample : VN0911WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Quant Time: Sep 12 00:59:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	665978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	943174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	839892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	372047	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	7.59	113	360702	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.09	98	1374907	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	443358	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	119285	18.57	ug/l	99
3) Chloromethane	2.06	50	162823	19.30	ug/l	99
4) Vinyl Chloride	2.18	62	164726	18.69	ug/l	98
5) Bromomethane	2.56	94	96677	18.82	ug/l	98
6) Chloroethane	2.70	64	99301	18.25	ug/l	99
7) Trichlorofluoromethane	3.01	101	222856	19.08	ug/l	98
8) Diethyl Ether	3.41	74	81970	19.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144026	19.13	ug/l	99
10) Methyl Iodide	3.95	142	110665	19.58	ug/l	100
11) Tert butyl alcohol	4.79	59	50472	89.16	ug/l	99
12) 1,1-Dichloroethene	3.73	96	132414	18.64	ug/l	98
13) Acrolein	3.61	56	61997	105.29	ug/l	100
14) Allyl chloride	4.32	41	202027	18.67	ug/l	99
15) Acrylonitrile	4.99	53	232176	92.56	ug/l	99
16) Acetone	3.82	43	178445	93.73	ug/l	99
17) Carbon Disulfide	4.05	76	382526	18.34	ug/l	99
18) Methyl Acetate	4.33	43	108803	18.33	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	357069	19.01	ug/l	98
20) Methylene Chloride	4.55	84	151069	18.45	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	139189	18.06	ug/l	98
22) Diisopropyl ether	5.95	45	426461	19.85	ug/l	98
23) Vinyl Acetate	5.90	43	1393798	95.87	ug/l	99
24) 1,1-Dichloroethane	5.85	63	260611	19.12	ug/l	99
25) 2-Butanone	6.84	43	260742	89.48	ug/l	98
26) 2,2-Dichloropropane	6.82	77	206848	18.54	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	158051	18.70	ug/l	100
28) Bromochloromethane	7.19	49	102962	16.97	ug/l	98
29) Tetrahydrofuran	7.21	42	174694	96.00	ug/l	100
30) Chloroform	7.37	83	259364	19.13	ug/l	98
31) Cyclohexane	7.65	56	233939	19.11	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	219978	19.04	ug/l	99
36) 1,1-Dichloropropene	7.79	75	198669	19.19	ug/l	100
37) Ethyl Acetate	6.93	43	120057	20.02	ug/l	99
38) Carbon Tetrachloride	7.77	117	196371	19.27	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051113.D
 Acq On : 11 Sep 2018 9:27
 Operator : MD\SY
 Sample : VN0911WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Quant Time: Sep 12 00:59:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	218619	19.13	ug/l	98
40) Benzene	8.04	78	608468	19.50	ug/l	99
41) Methacrylonitrile	7.18	41	65827	21.27	ug/l #	85
42) 1,2-Dichloroethane	8.12	62	177160	19.48	ug/l	100
43) Isopropyl Acetate	8.17	43	206492	19.51	ug/l	100
44) Trichloroethene	8.83	130	161049	18.87	ug/l	98
45) 1,2-Dichloropropane	9.12	63	158222	19.62	ug/l	100
46) Dibromomethane	9.21	93	91893	18.68	ug/l	99
47) Bromodichloromethane	9.40	83	192926	19.29	ug/l	99
48) Methyl methacrylate	9.20	41	99588	19.31	ug/l	100
49) 1,4-Dioxane	9.20	88	30121	372.48	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	575412	98.33	ug/l	100
52) Toluene	10.16	92	373660	19.64	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	189882	18.97	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	229178	19.52	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	137190	19.85	ug/l	98
56) Ethyl methacrylate	10.43	69	160452	18.90	ug/l	99
57) 1,3-Dichloropropane	10.71	76	224816	19.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	327619	94.13	ug/l	100
59) 2-Hexanone	10.75	43	369829	93.19	ug/l	99
60) Dibromochloromethane	10.90	129	147491	18.93	ug/l	98
61) 1,2-Dibromoethane	11.01	107	131633	19.48	ug/l	100
64) Tetrachloroethene	10.63	164	147521	19.25	ug/l	99
65) Chlorobenzene	11.43	112	408717	19.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	149706	19.64	ug/l	99
67) Ethyl Benzene	11.51	91	669732	19.53	ug/l	100
68) m/p-Xylenes	11.62	106	533046	40.46	ug/l	100
69) o-Xylene	11.95	106	252745	19.81	ug/l	99
70) Styrene	11.96	104	399083	20.17	ug/l	99
71) Bromoform	12.13	173	103237	19.24	ug/l #	98
73) Isopropylbenzene	12.25	105	672507	19.83	ug/l	100
74) N-amyl acetate	12.07	43	154069	18.05	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	167435	20.59	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	193043	30.21	ug/l #	100
77) Bromobenzene	12.53	156	171771	18.86	ug/l	99
78) n-propylbenzene	12.59	91	740076	19.86	ug/l	99
79) 2-Chlorotoluene	12.67	91	452300	19.42	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	547098	19.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	39289	18.45	ug/l	98
82) 4-Chlorotoluene	12.77	91	444687	19.23	ug/l	100
83) tert-Butylbenzene	12.99	119	470796	19.45	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	547712	20.32	ug/l	100
85) sec-Butylbenzene	13.17	105	619323	19.95	ug/l	98
86) p-Isopropyltoluene	13.29	119	530683	20.16	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	286368	18.53	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	275031	19.39	ug/l	100
89) n-Butylbenzene	13.62	91	386283	18.86	ug/l	98
90) Hexachloroethane	13.88	117	97069	19.89	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	279414	18.56	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22032	19.43	ug/l	95

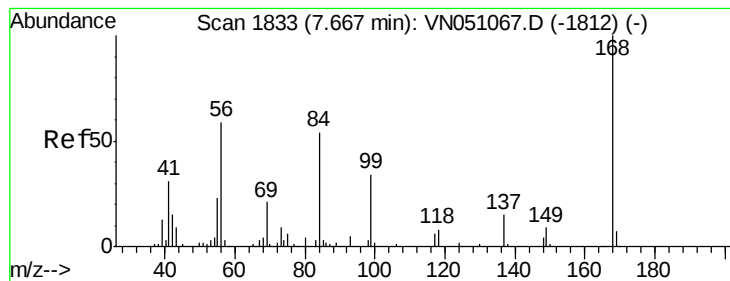
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051113.D
Acq On : 11 Sep 2018 9:27
Operator : MD\SY
Sample : VN0911WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Quant Time: Sep 12 00:59:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	103356	17.05	ug/l	99
94) Hexachlorobutadiene	15.01	225	90536	19.56	ug/l	98
95) Naphthalene	15.13	128	193084	16.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	108016	17.57	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

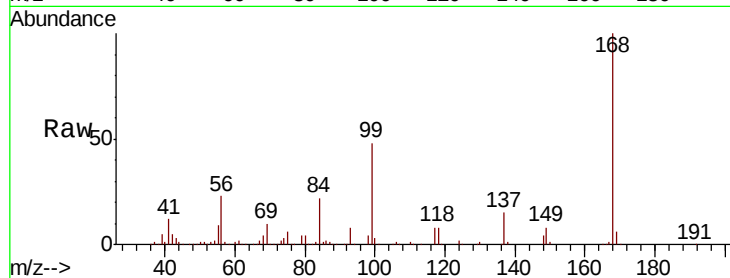
VN0911WBS01

Tot Ion:168 Resp: 665978

Ion Ratio Lower Upper

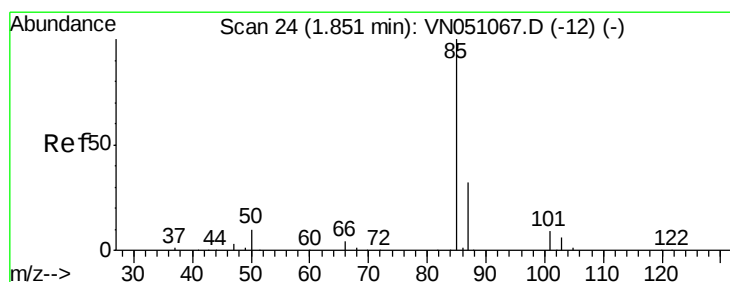
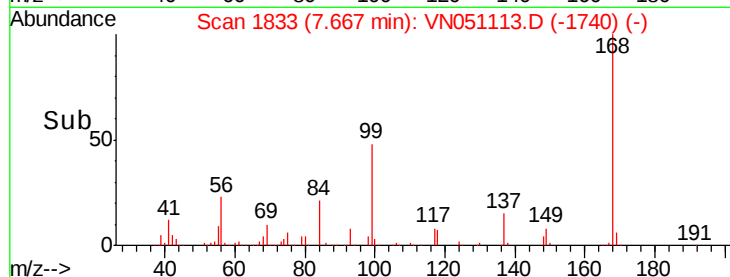
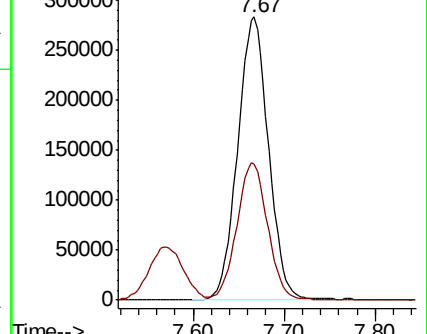
168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.57 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051113.D

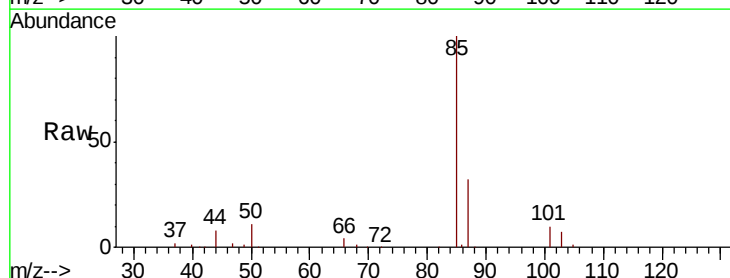
Acq: 11 Sep 2018 9:27

Tgt Ion: 85 Resp: 119285

Ion Ratio Lower Upper

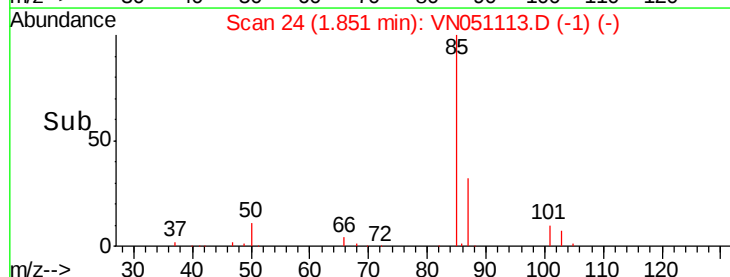
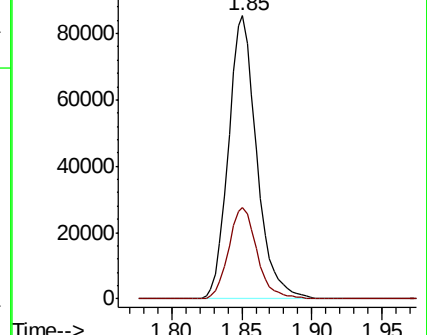
85 100

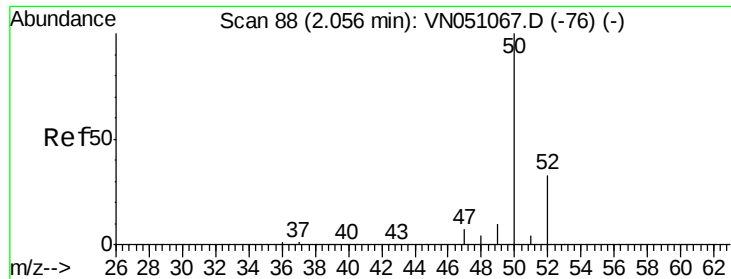
87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 19.30 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

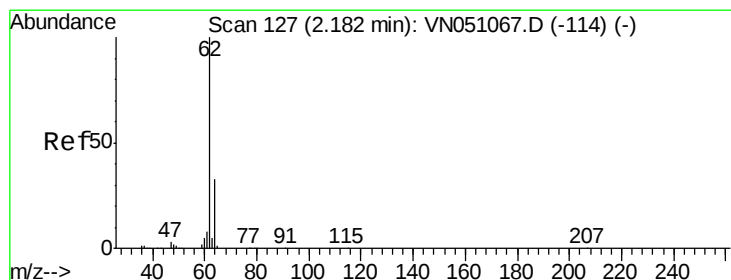
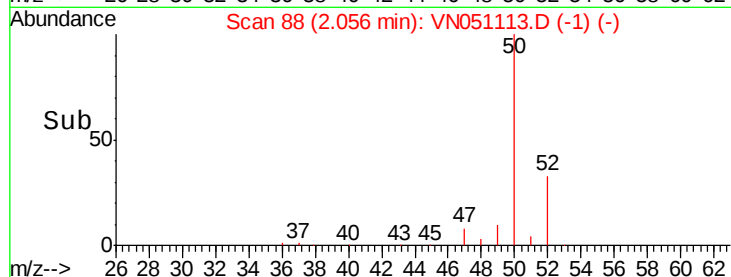
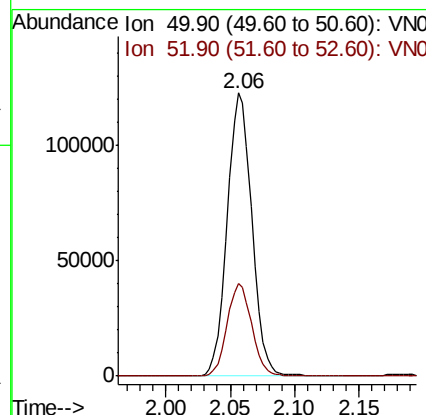
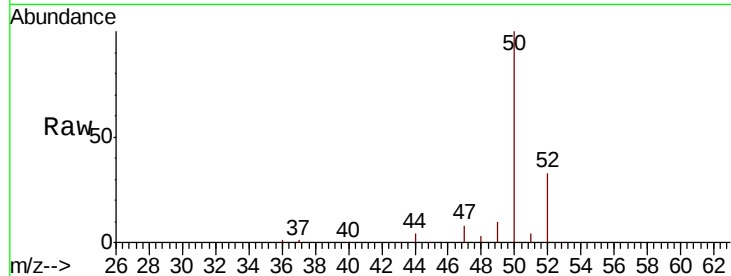
VN0911WBS01

Tot Ion: 50 Resp: 162823

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 18.69 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051113.D

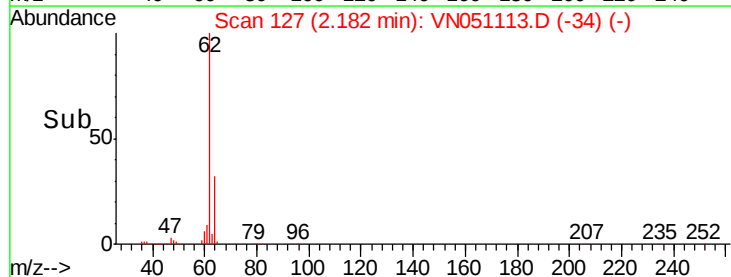
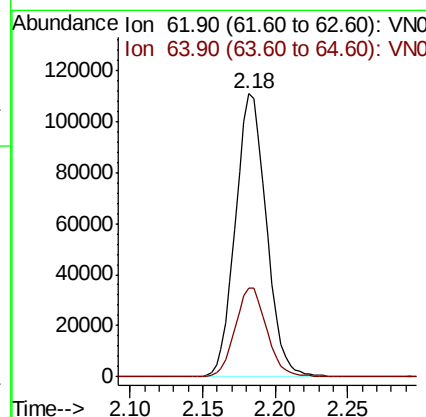
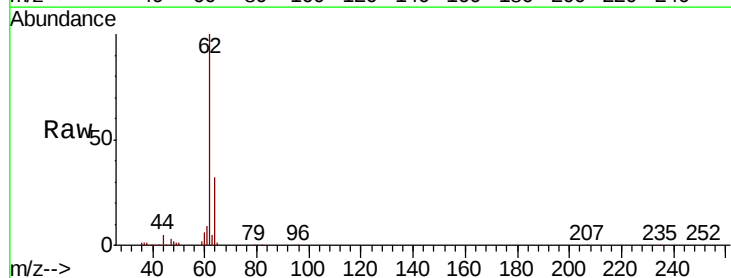
Acq: 11 Sep 2018 9:27

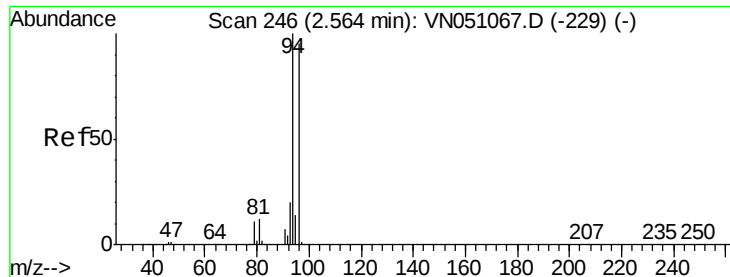
Tgt Ion: 62 Resp: 164726

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.4





#5

Bromomethane

Concen: 18.82 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

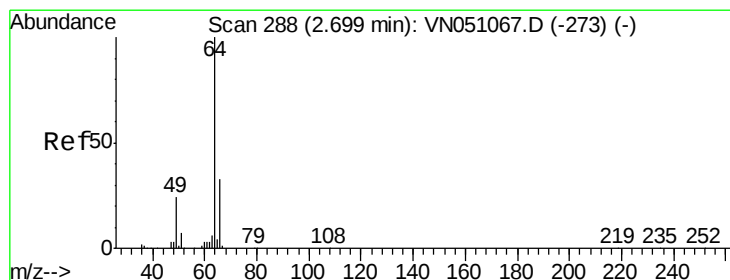
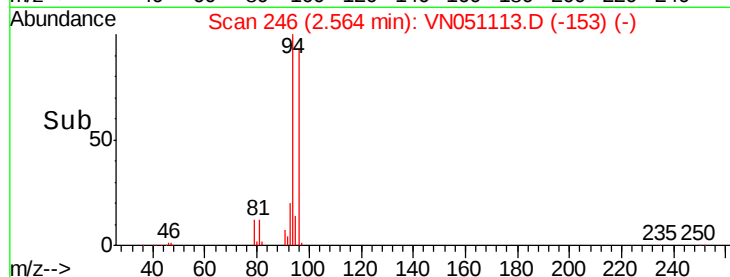
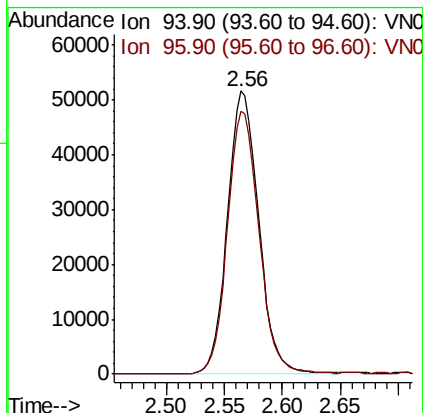
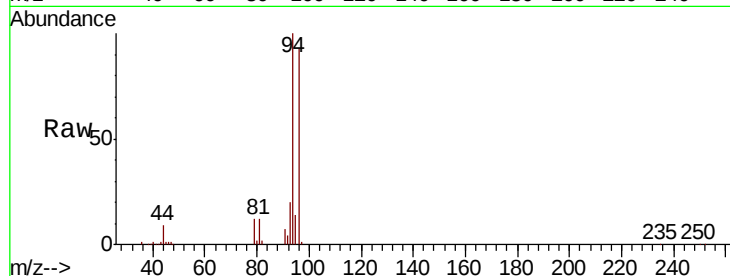
VN0911WBS01

Tot Ion: 94 Resp: 96677

Ion Ratio Lower Upper

94 100

96 92.9 75.9 113.9



#6

Chloroethane

Concen: 18.25 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051113.D

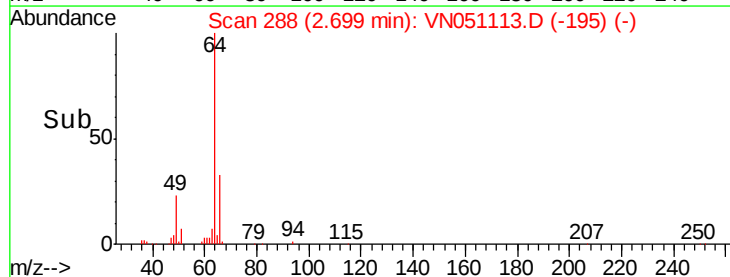
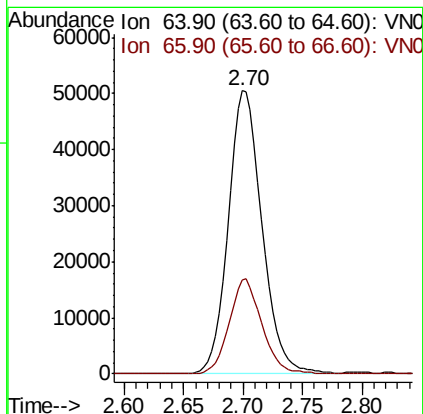
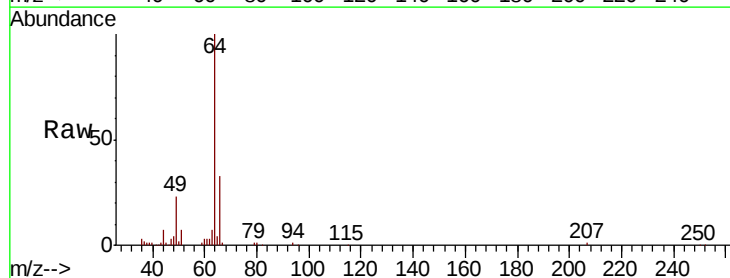
Acq: 11 Sep 2018 9:27

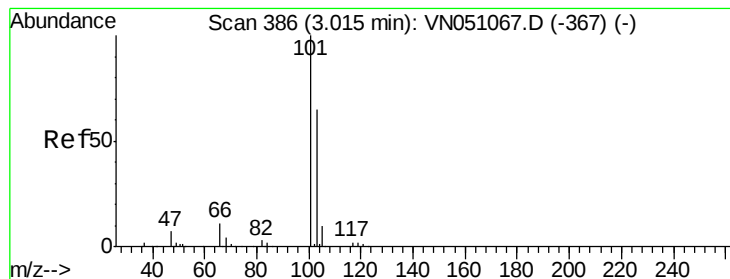
Tgt Ion: 64 Resp: 99301

Ion Ratio Lower Upper

64 100

66 33.4 26.1 39.1



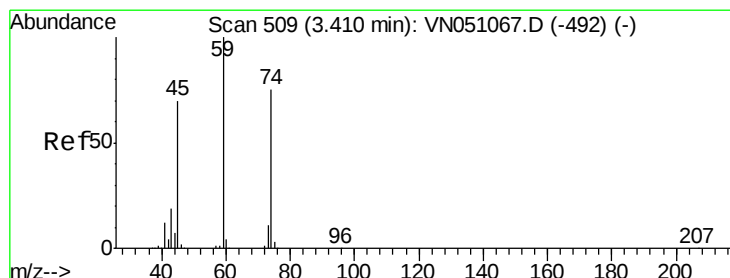
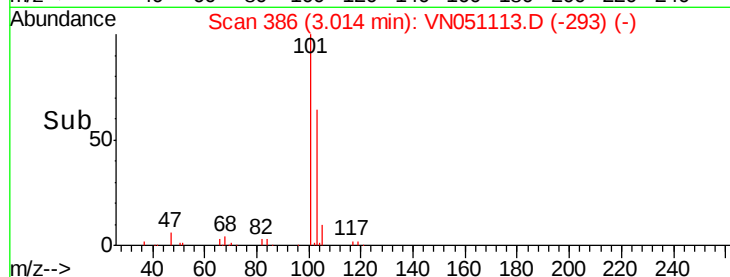
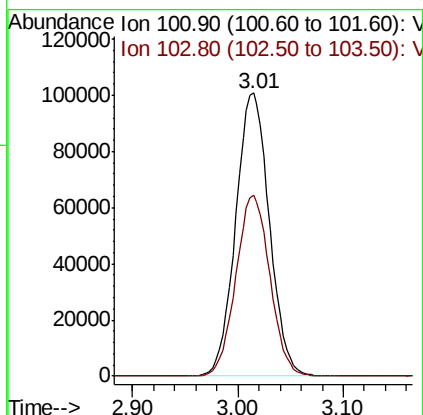
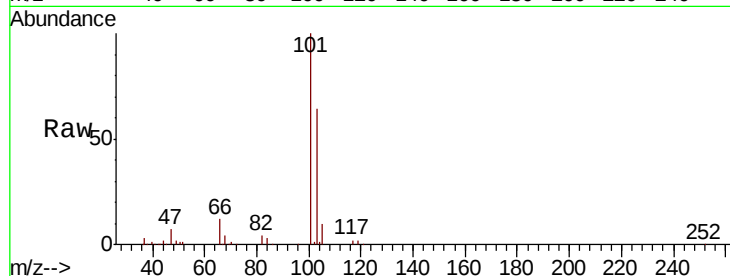


#7

Trichlorofluoromethane
 Concen: 19.08 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

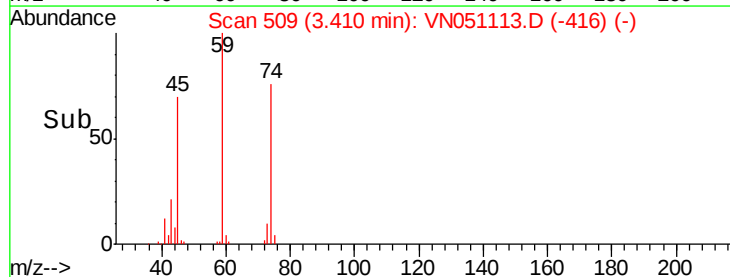
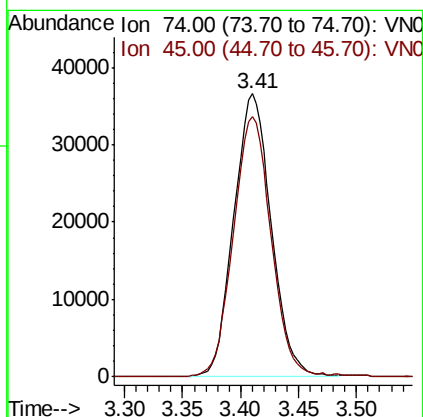
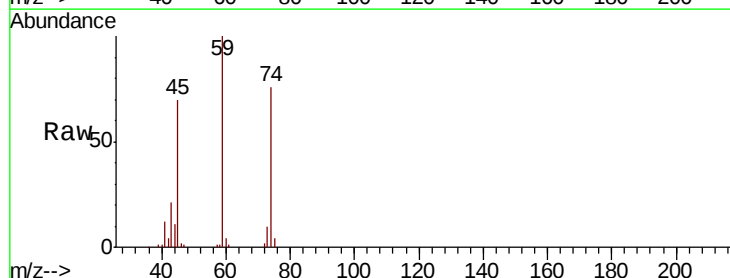
Tot Ion:101 Resp: 222856
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.4 78.6

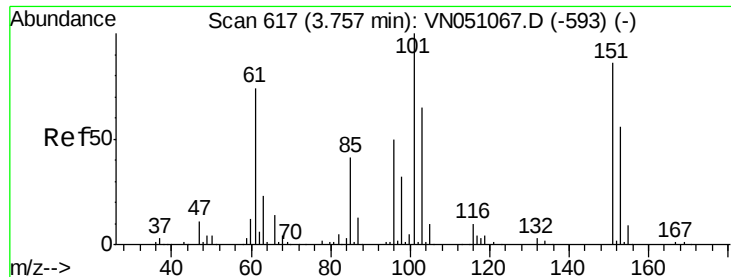


#8

Diethyl Ether
 Concen: 19.08 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion: 74 Resp: 81970
 Ion Ratio Lower Upper
 74 100
 45 92.7 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.13 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

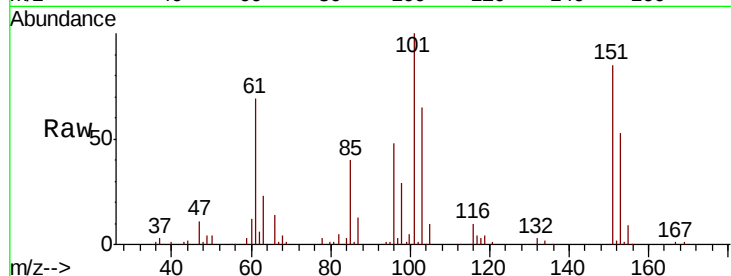
Tot Ion:101 Resp: 144026

Ion Ratio Lower Upper

101 100

85 40.9 33.3 49.9

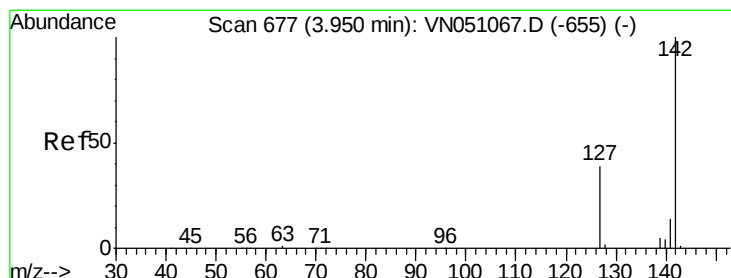
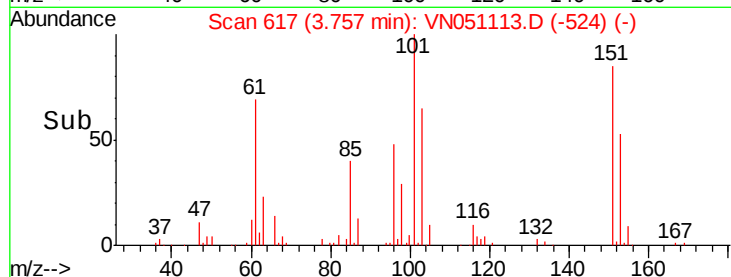
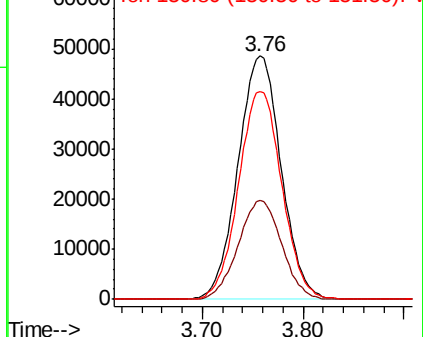
151 85.8 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.58 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

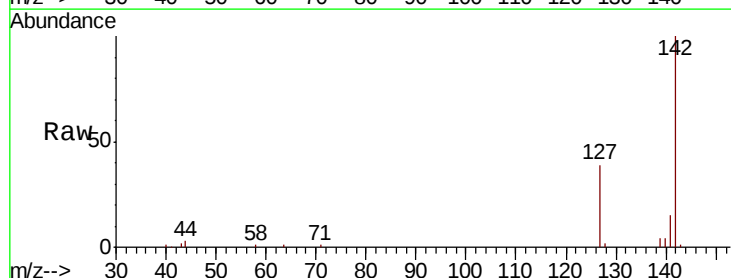
Tgt Ion:142 Resp: 110665

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.4

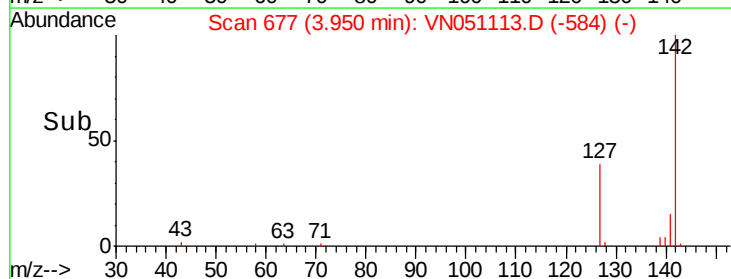
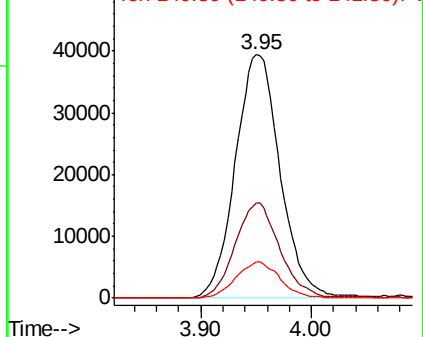
141 14.4 11.3 16.9

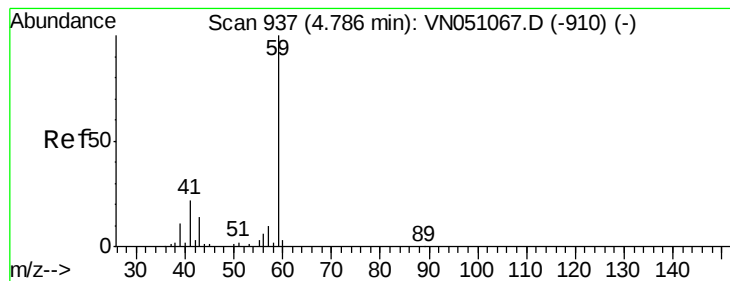


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.16 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

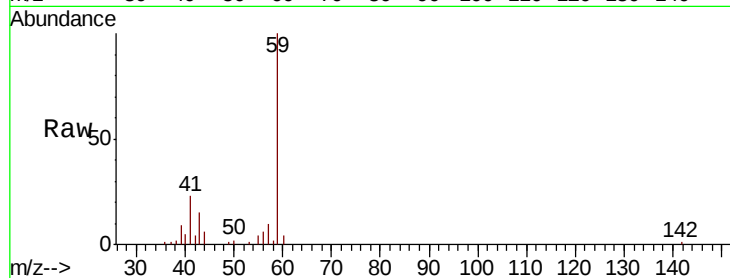
VN0911WBS01

Tot Ion: 59 Resp: 50472

Ion Ratio Lower Upper

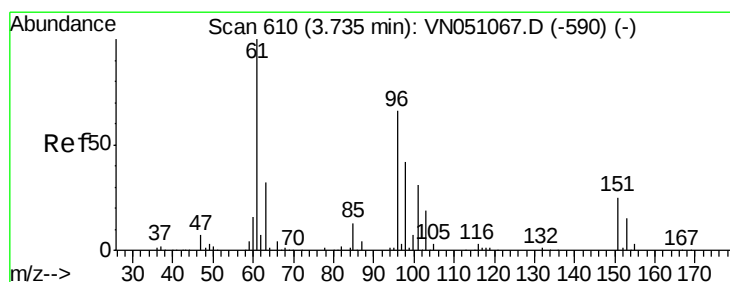
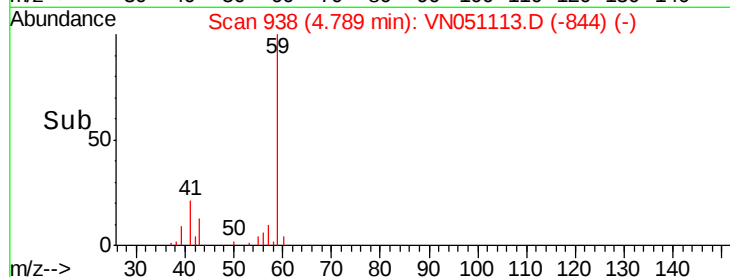
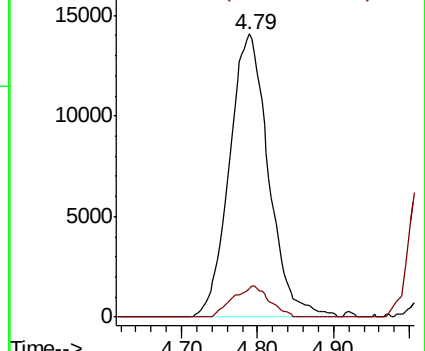
59 100

57 10.3 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.64 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

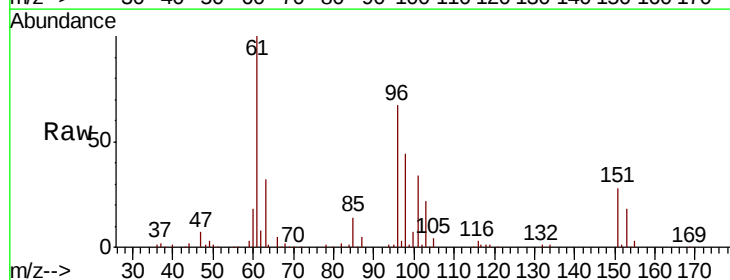
Tgt Ion: 96 Resp: 132414

Ion Ratio Lower Upper

96 100

61 148.3 120.3 180.5

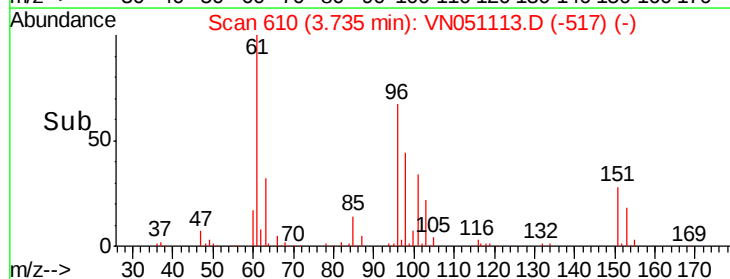
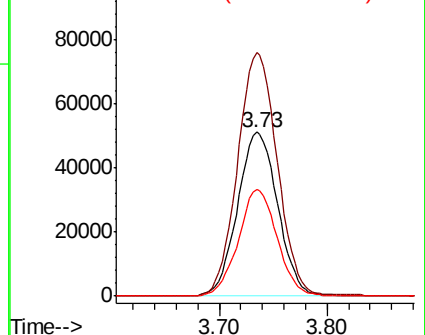
98 64.6 50.8 76.2

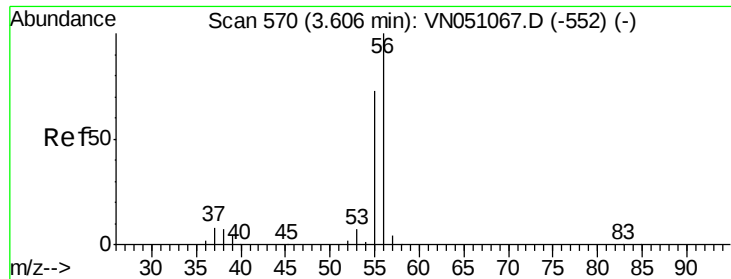


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 105.29 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

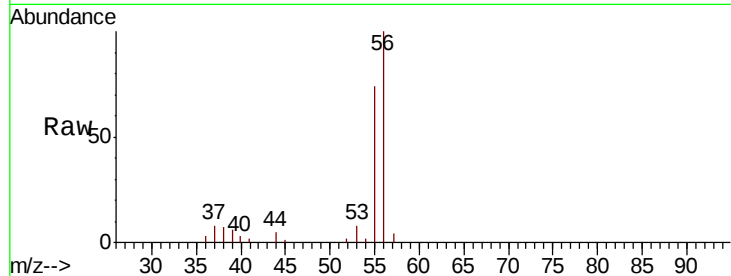
VN0911WBS01

Tot Ion: 56 Resp: 61997

Ion Ratio Lower Upper

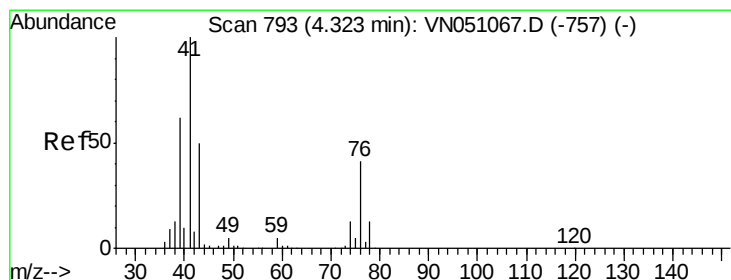
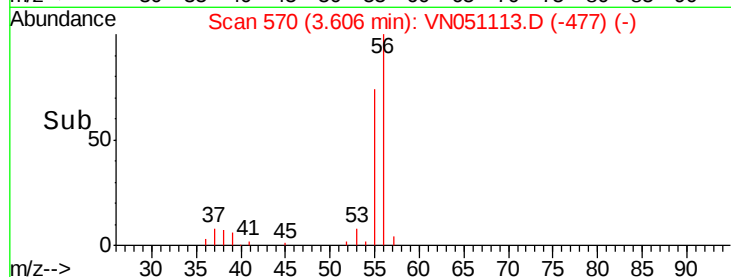
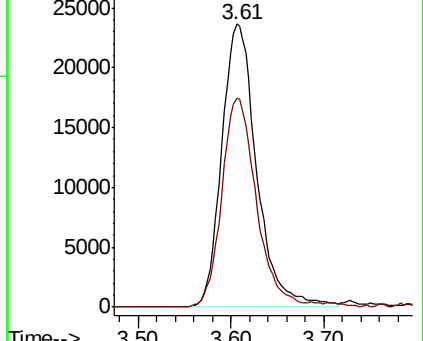
56 100

55 72.5 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.67 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

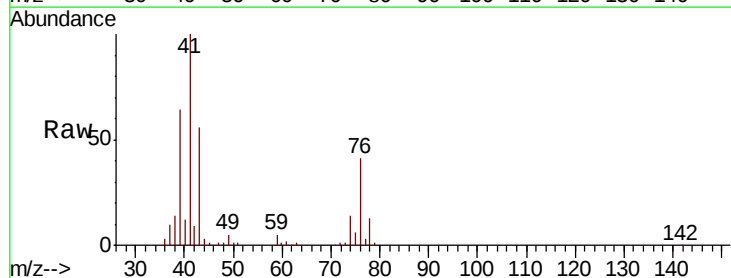
Tgt Ion: 41 Resp: 202027

Ion Ratio Lower Upper

41 100

39 60.3 48.8 73.2

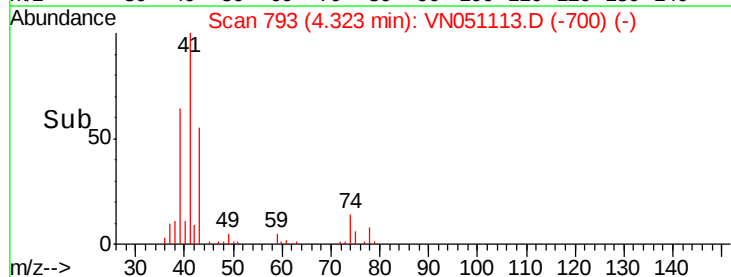
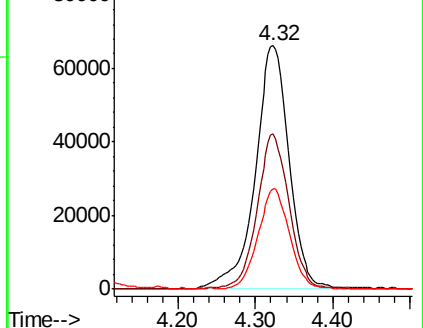
76 37.2 30.6 45.8

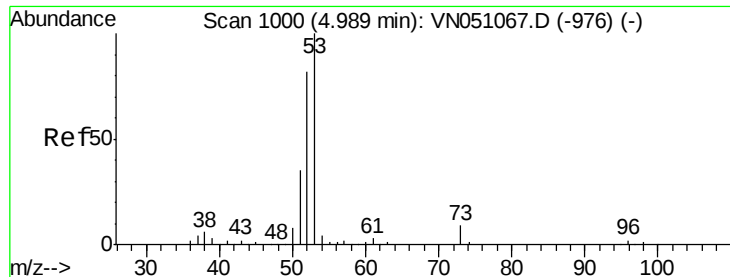


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

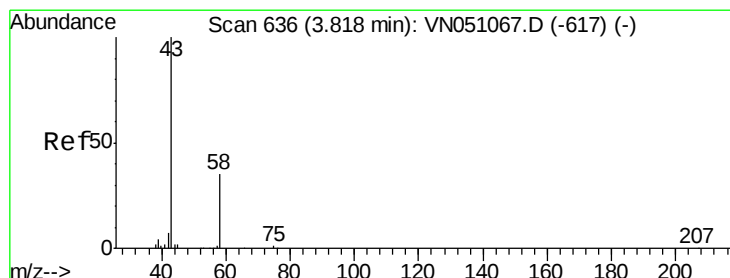
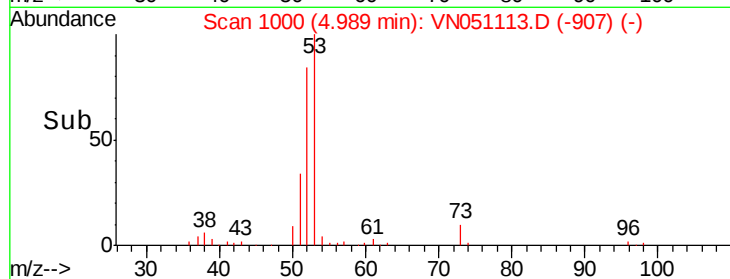
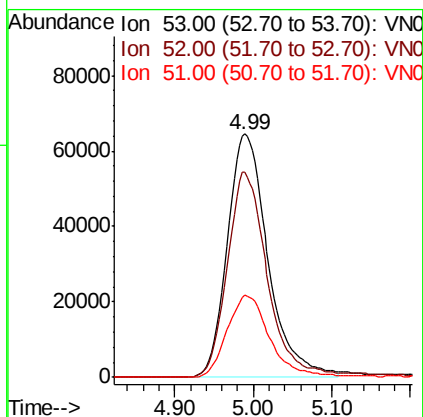
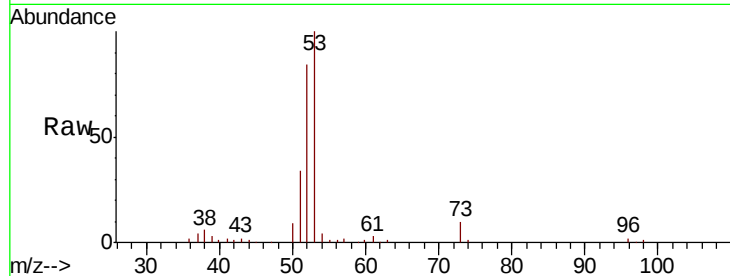




#15
 Acrylonitrile
 Concen: 92.56 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

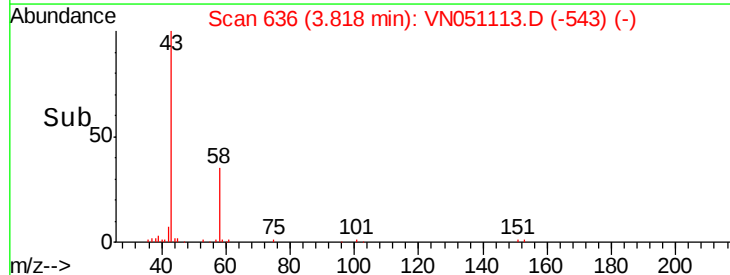
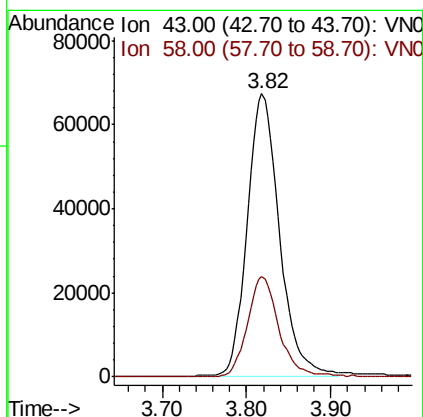
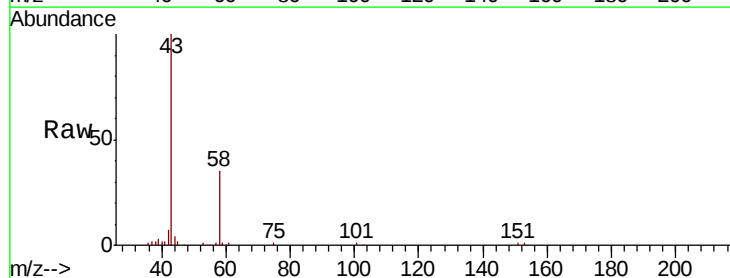
Instrument :
 MSVOA_N
 ClientSampled :
 VN0911WBS01

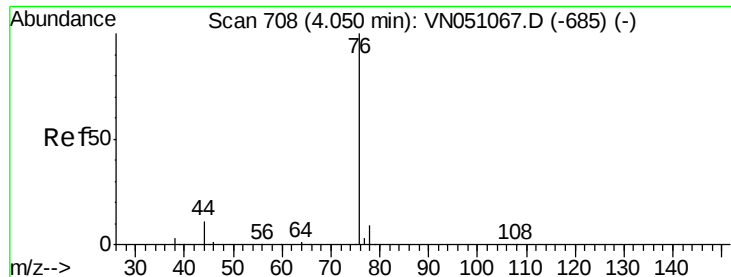
Tot Ion: 53 Resp: 232176
 Ion Ratio Lower Upper
 53 100
 52 82.8 65.3 97.9
 51 34.9 28.2 42.2



#16
 Acetone
 Concen: 93.73 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion: 43 Resp: 178445
 Ion Ratio Lower Upper
 43 100
 58 35.4 27.8 41.6

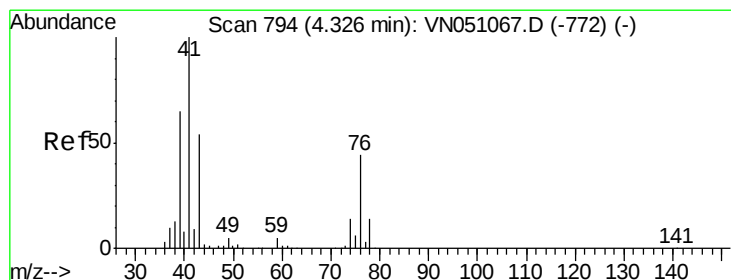
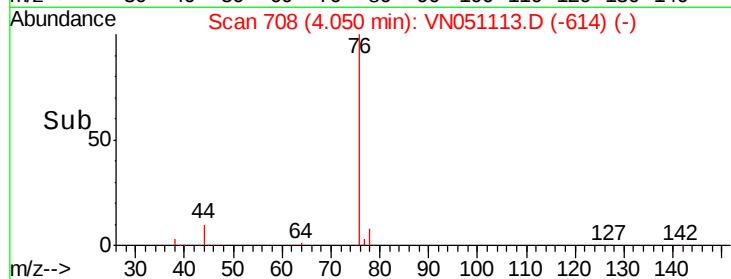
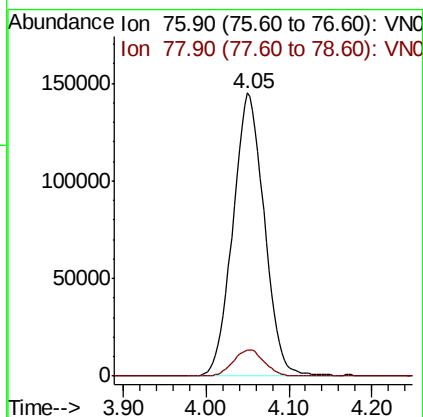
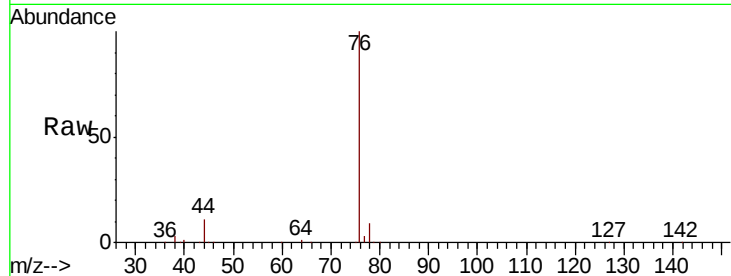




#17
Carbon Disulfide
Concen: 18.34 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

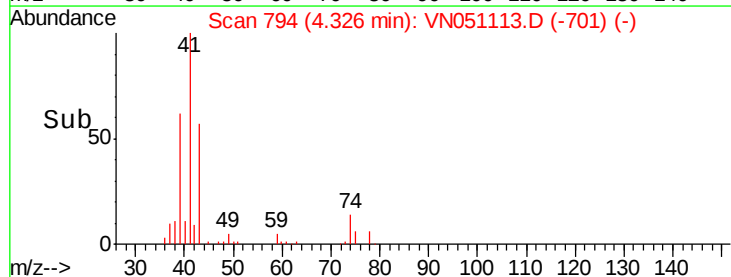
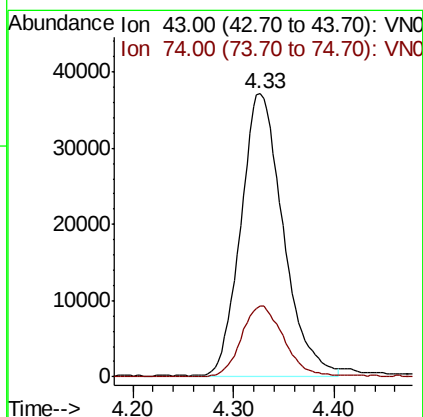
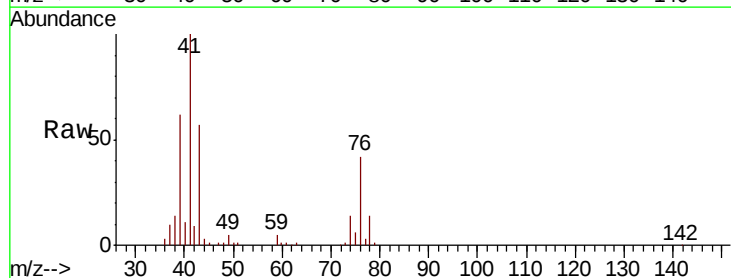
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

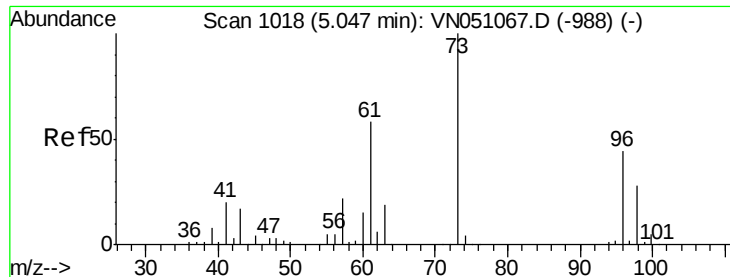
Tot Ion: 76 Resp: 382526
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 18.33 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion: 43 Resp: 108803
Ion Ratio Lower Upper
43 100
74 25.1 20.7 31.1

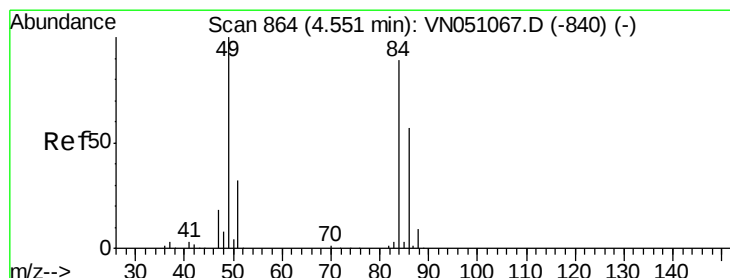
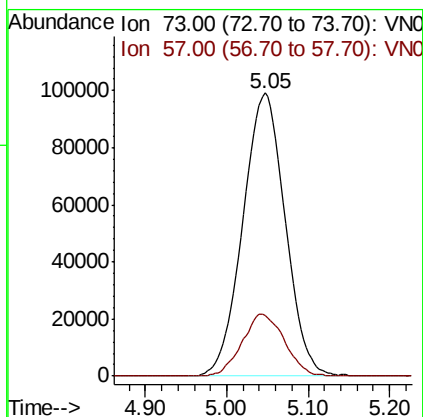
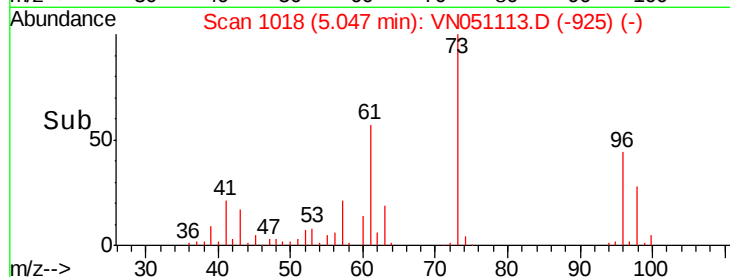
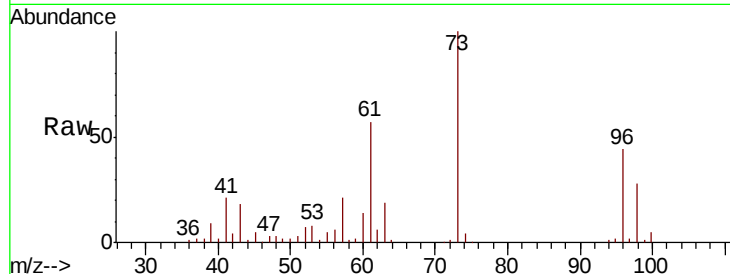




#19
Methyl tert-butyl Ether
Concen: 19.01 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

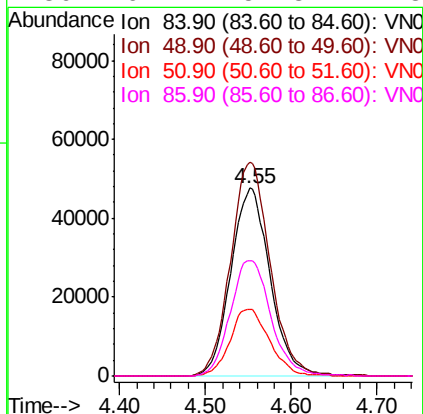
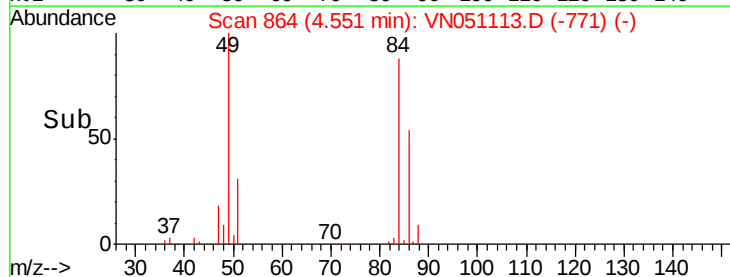
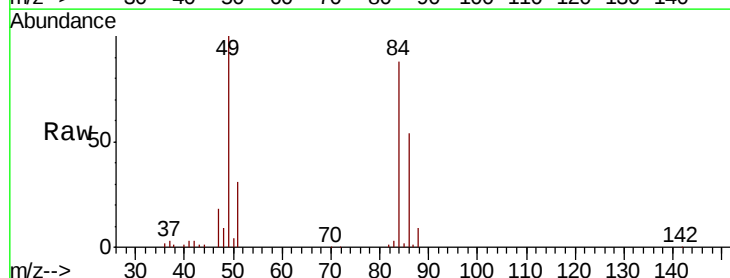
Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

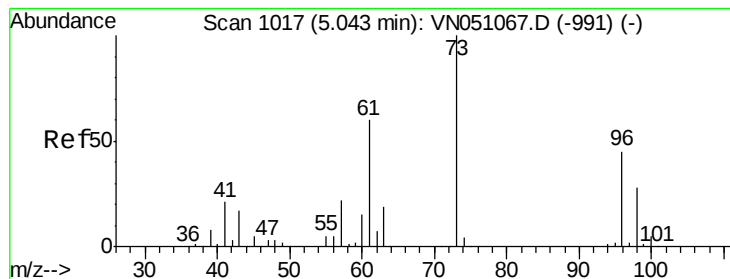
Tot Ion: 73 Resp: 357069
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9



#20
Methylene Chloride
Concen: 18.45 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion: 84 Resp: 151069
Ion Ratio Lower Upper
84 100
49 113.7 90.2 135.2
51 35.8 28.4 42.6
86 61.7 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 18.06 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

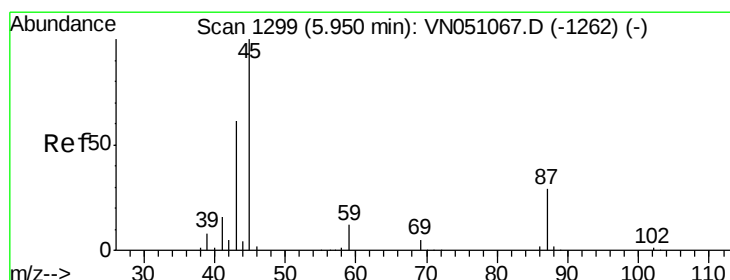
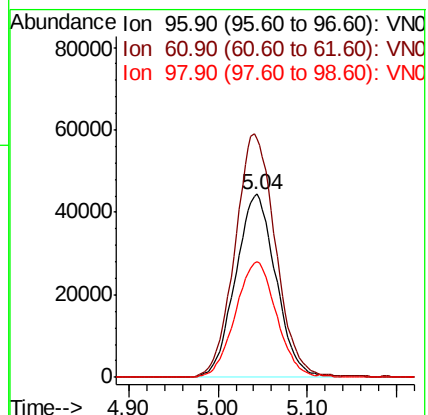
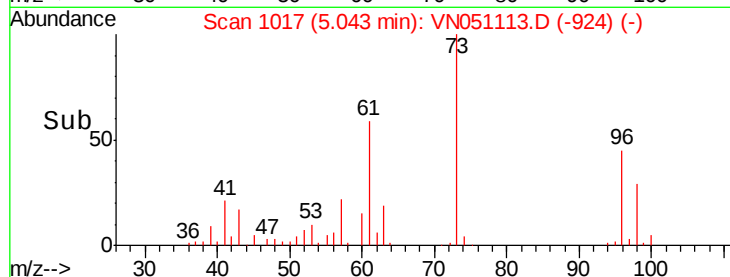
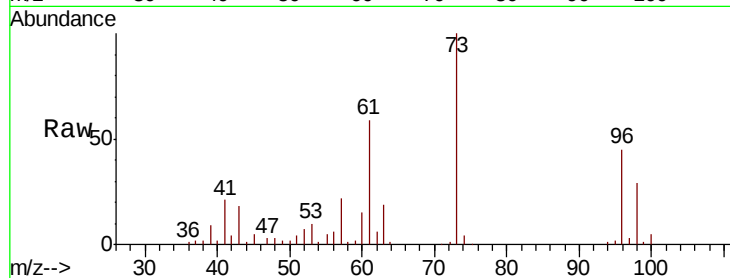
Tot Ion: 96 Resp: 139189

Ion Ratio Lower Upper

96 100

61 130.4 106.5 159.7

98 63.2 50.4 75.6



#22

Diisopropyl ether

Concen: 19.85 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Tgt Ion: 45 Resp: 426461

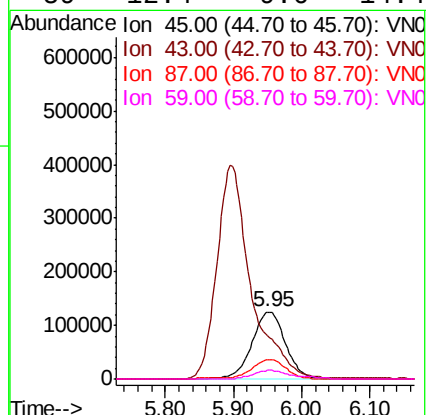
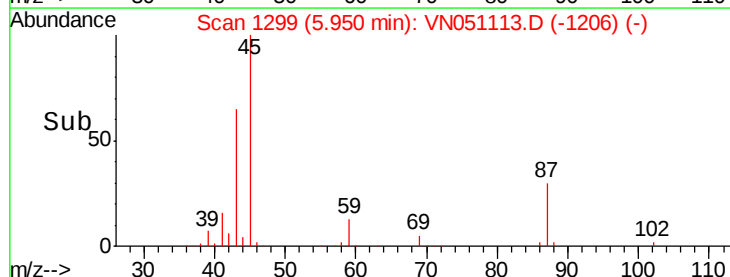
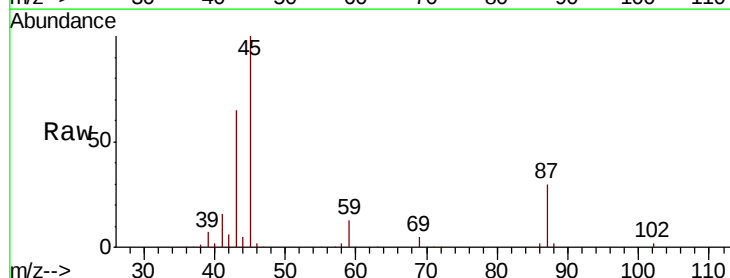
Ion Ratio Lower Upper

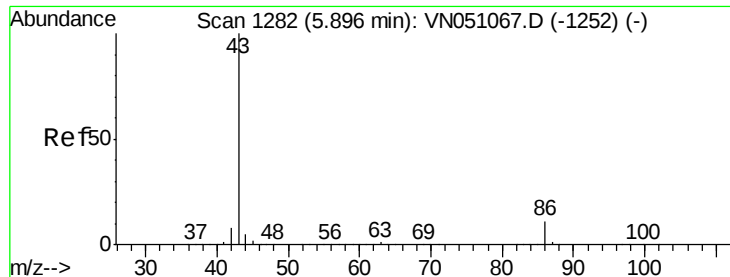
45 100

43 62.5 48.8 73.2

87 29.4 23.8 35.8

59 12.4 9.6 14.4

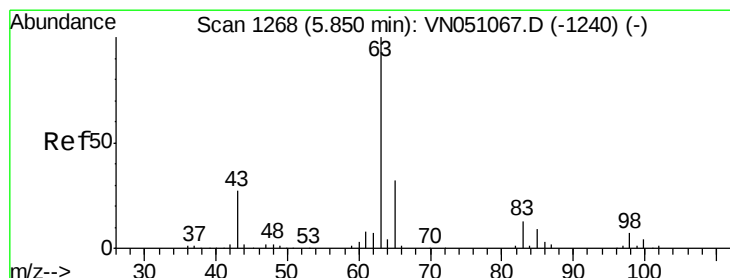
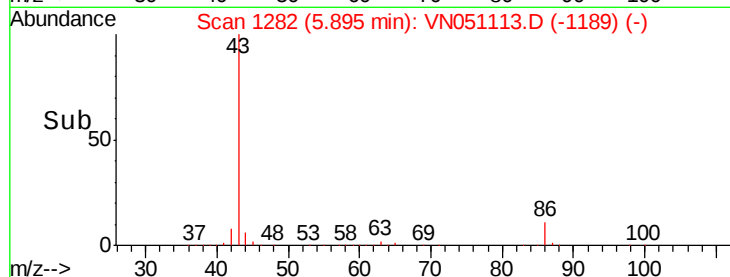
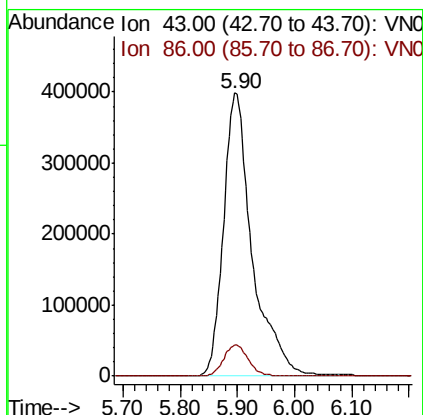
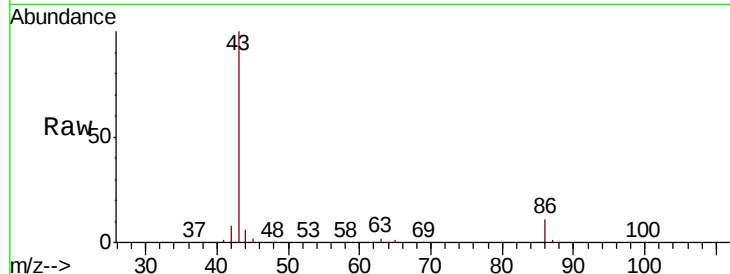




#23
 Vinyl Acetate
 Concen: 95.87 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

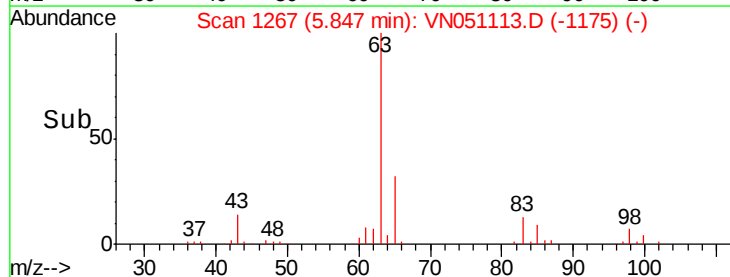
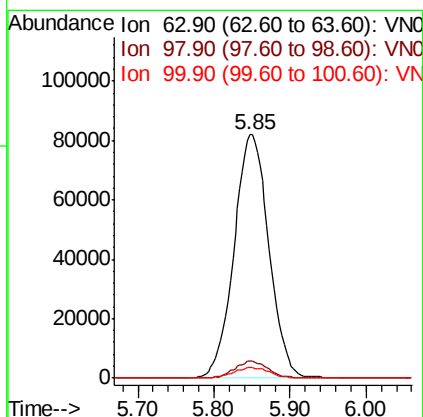
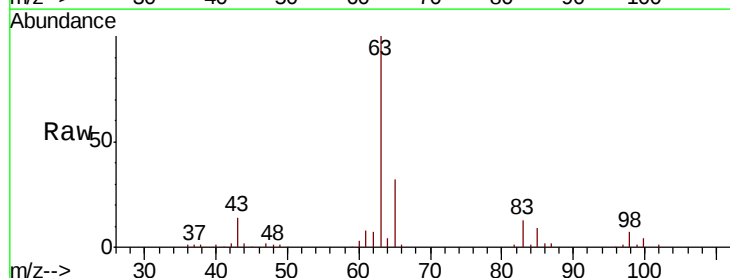
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

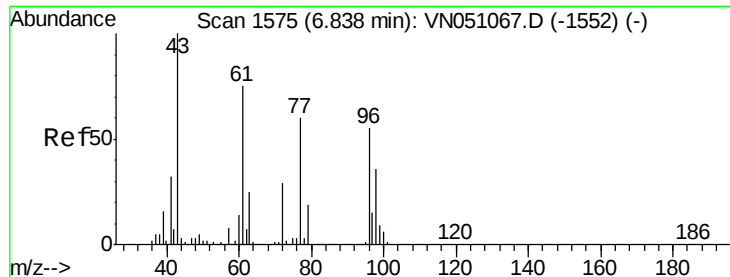
Tot Ion: 43 Resp: 1393798
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 19.12 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion: 63 Resp: 260611
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.4 2.1 6.3

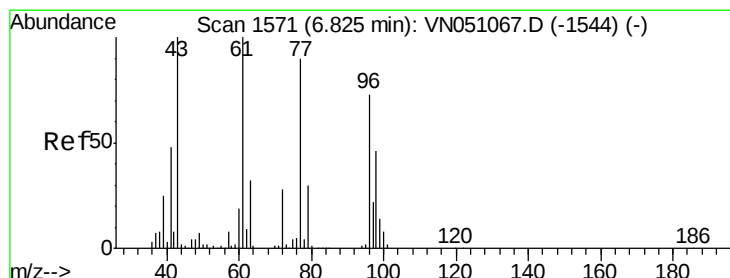
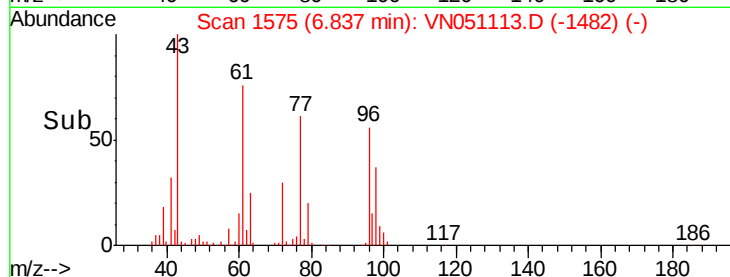
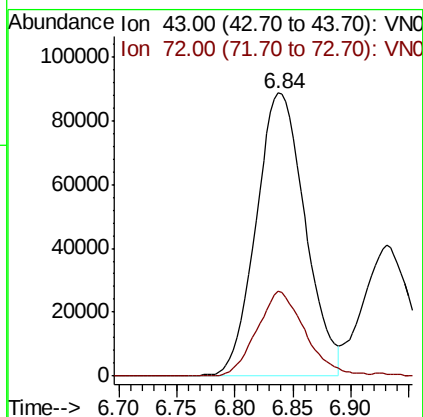
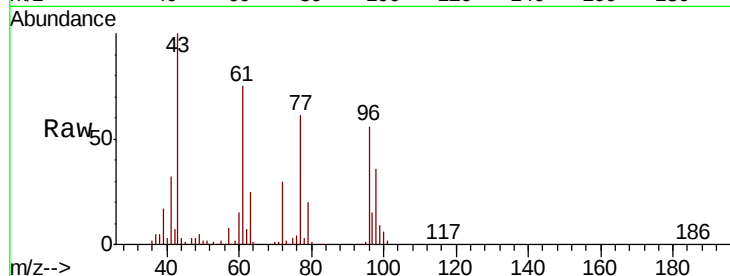




#25
2-Butanone
Concen: 89.48 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

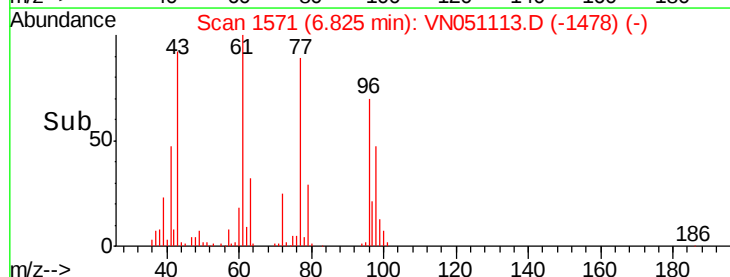
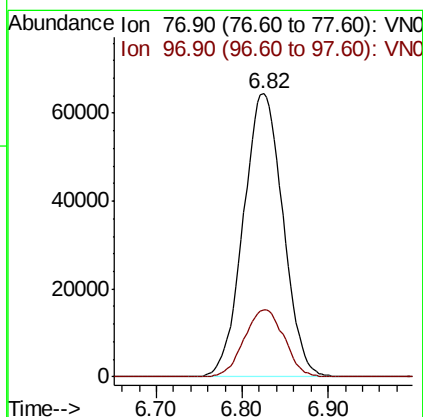
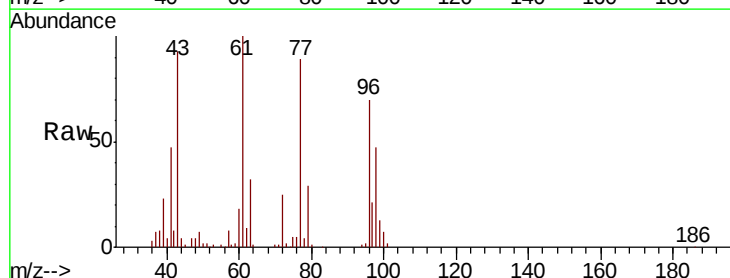
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

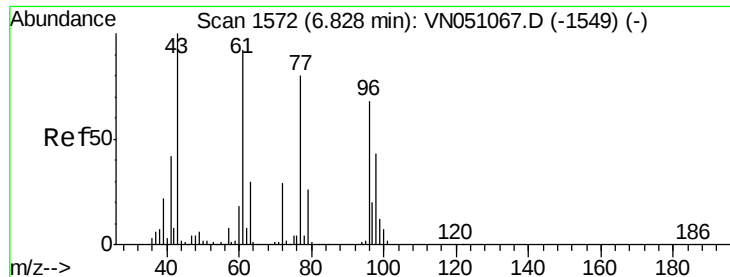
Tot Ion: 43 Resp: 260742
Ion Ratio Lower Upper
43 100
72 30.0 23.0 34.6



#26
2,2-Dichloropropane
Concen: 18.54 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion: 77 Resp: 206848
Ion Ratio Lower Upper
77 100
97 23.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 18.70 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

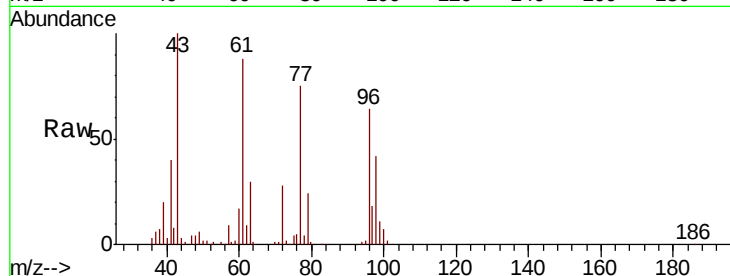
Tot Ion: 96 Resp: 158051

Ion Ratio Lower Upper

96 100

61 138.8 0.0 278.2

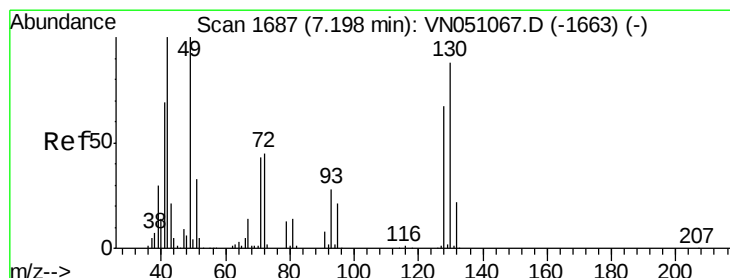
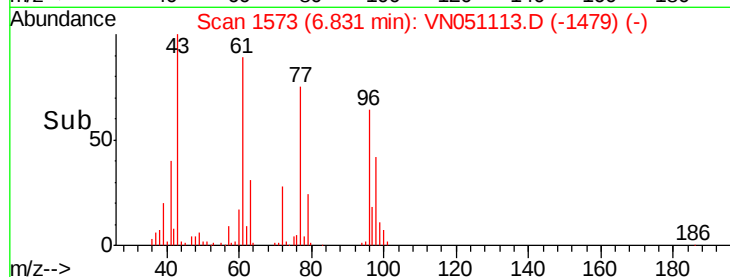
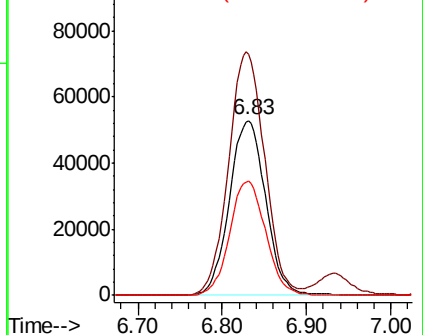
98 64.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 16.97 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

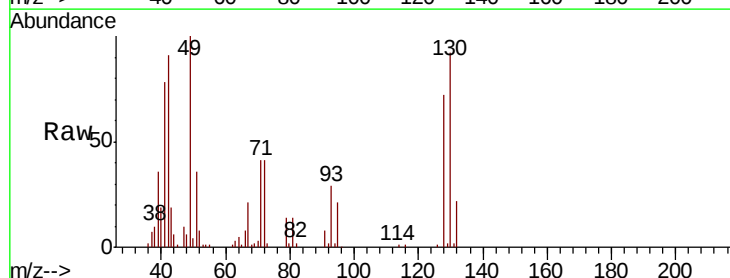
Tgt Ion: 49 Resp: 102962

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

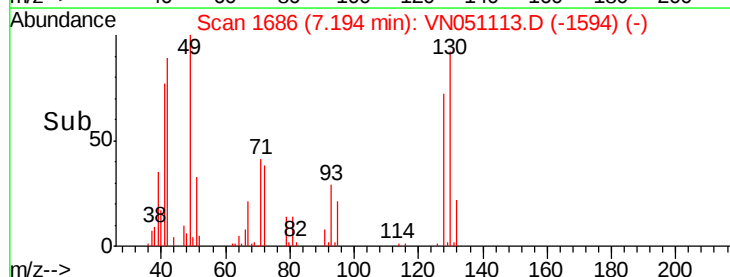
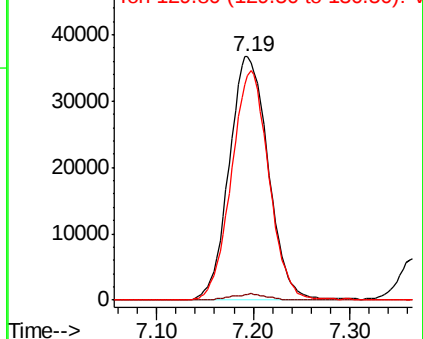
130 90.2 70.7 106.1

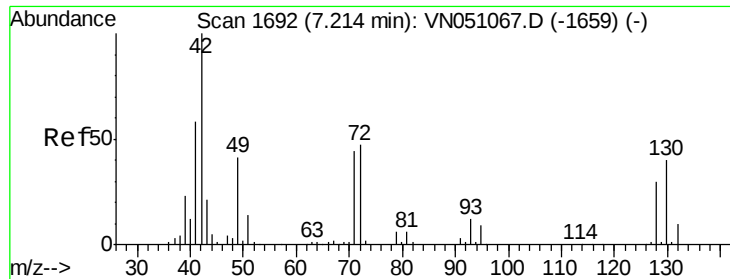


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

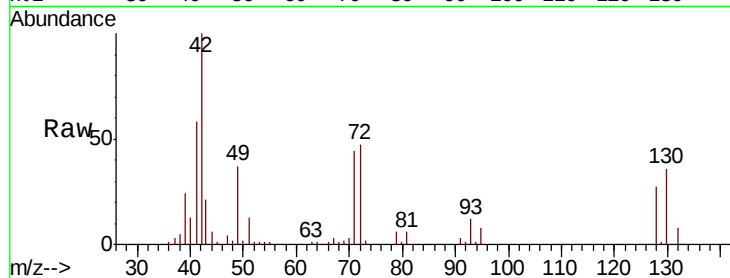




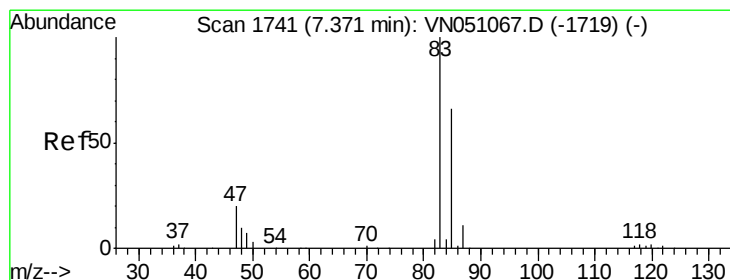
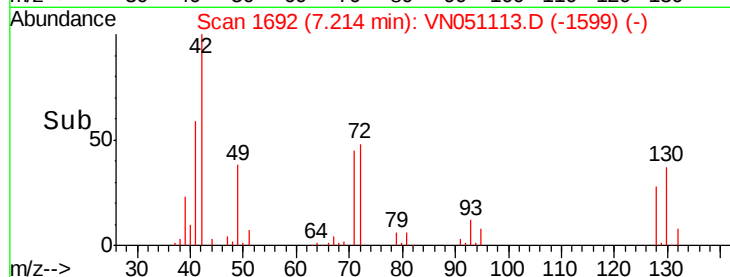
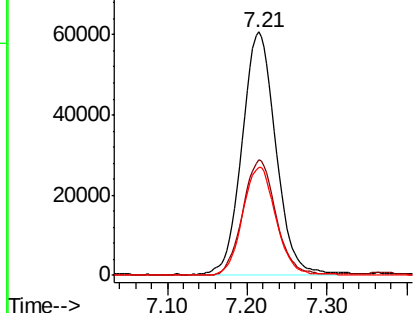
#29
Tetrahydrofuran
Concen: 96.00 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tot Ion: 42 Resp: 174694
Ion Ratio Lower Upper
42 100
72 46.7 37.4 56.0
71 43.3 34.7 52.1

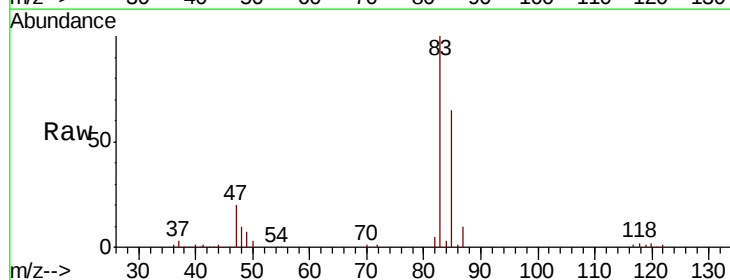


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

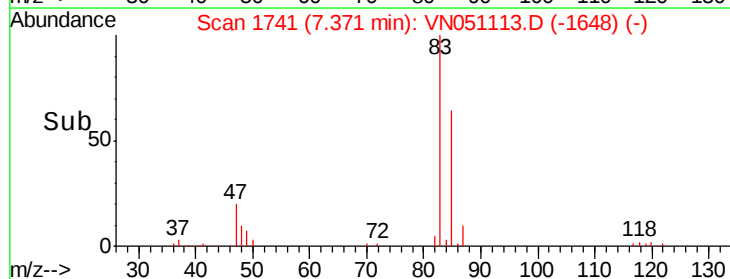
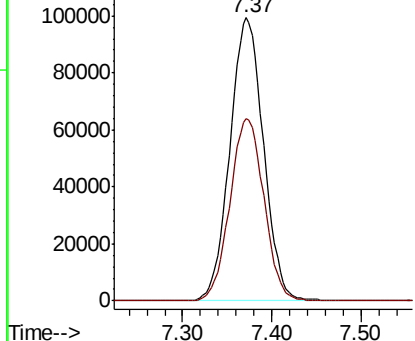


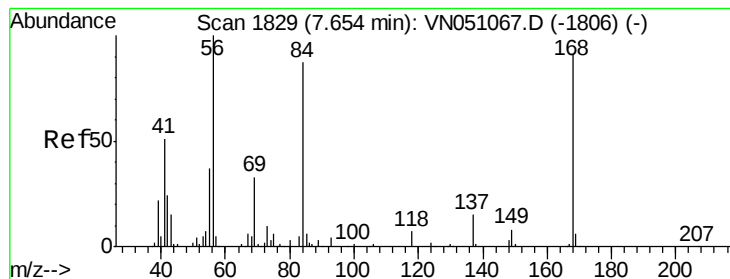
#30
Chloroform
Concen: 19.13 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion: 83 Resp: 259364
Ion Ratio Lower Upper
83 100
85 64.6 52.6 79.0



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





#31

Cyclohexane

Concen: 19.11 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

VN0911WBS01

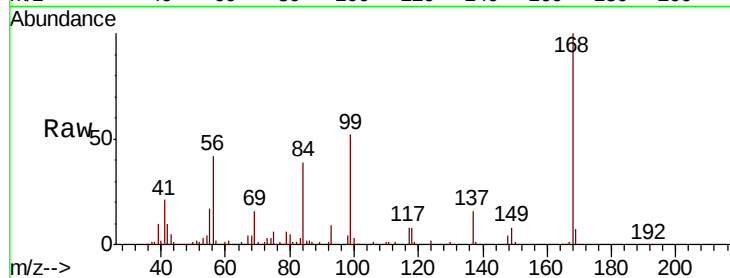
Tot Ion: 56 Resp: 233939

Ion Ratio Lower Upper

56 100

69 37.4 26.3 39.5

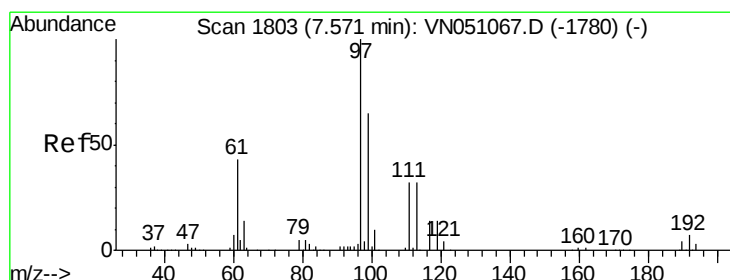
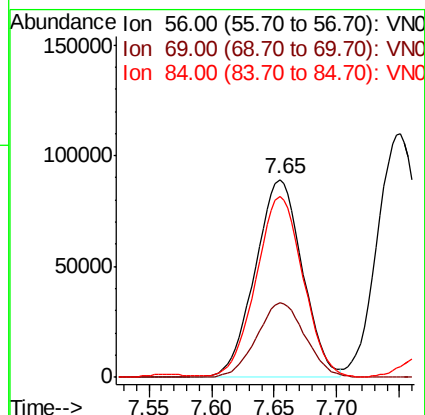
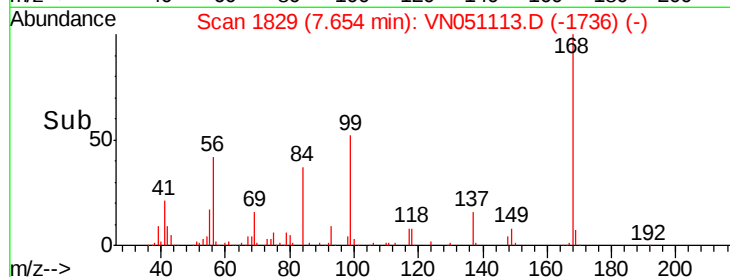
84 90.2 69.4 104.0



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: 19.04 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

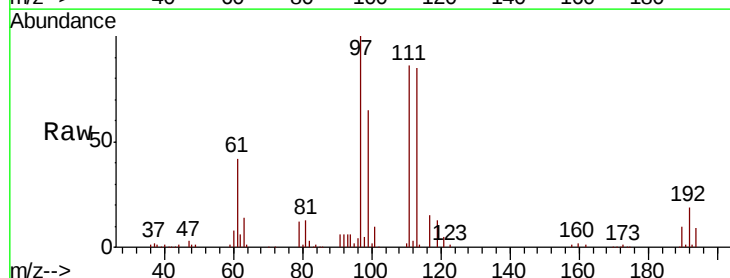
Tgt Ion: 97 Resp: 219978

Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

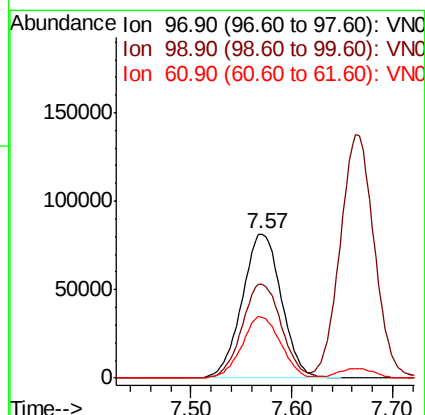
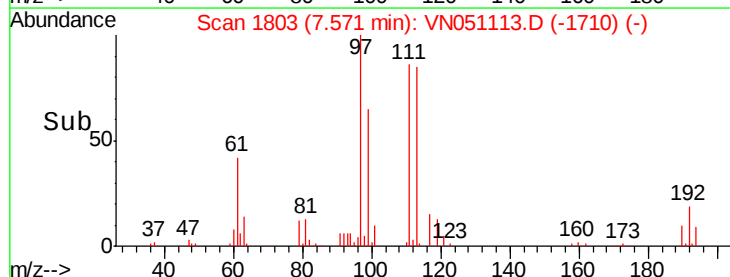
61 42.0 33.8 50.6

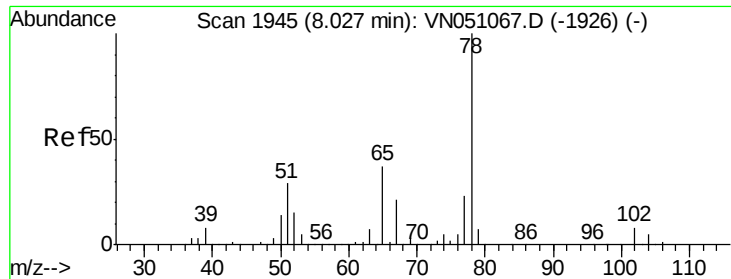


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

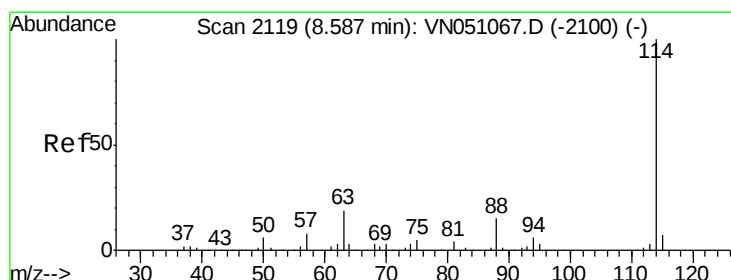
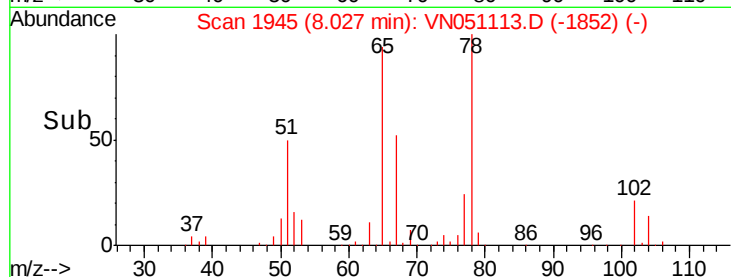
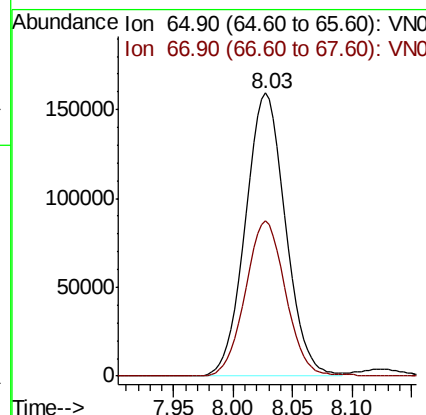
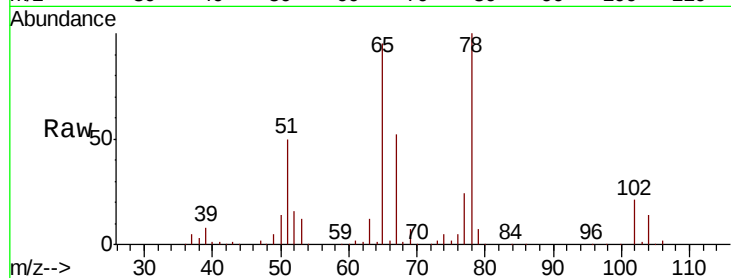




#33
 1,2-Dichloroethane-d4
 Concen: 50.20 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

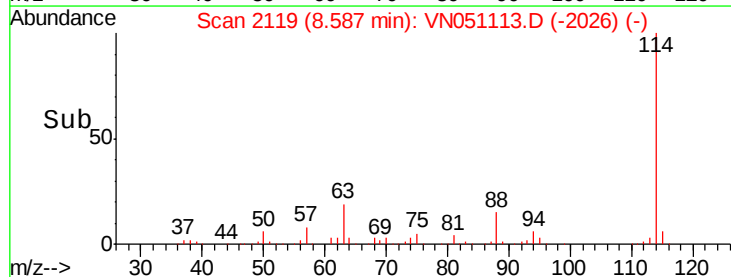
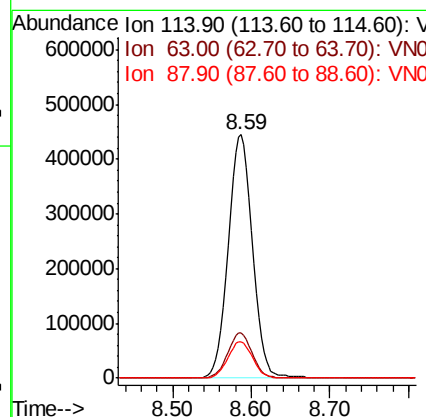
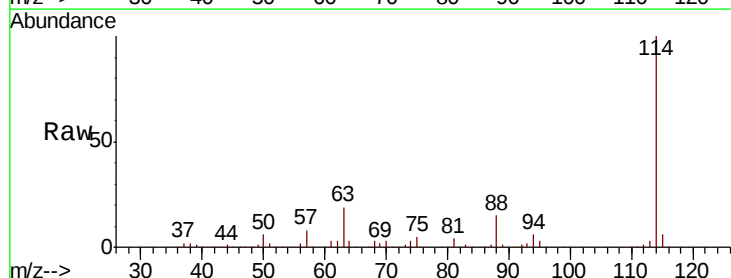
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

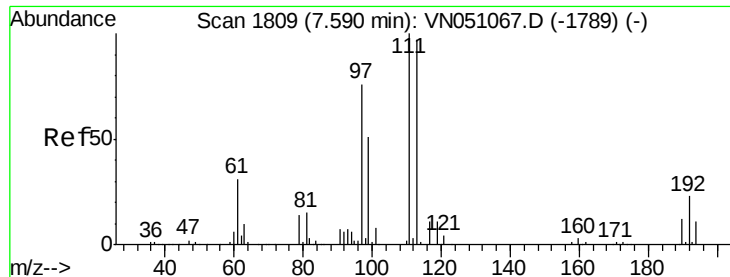
Tot Ion: 65 Resp: 372047
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion: 114 Resp: 943174
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.8
 88 15.1 0.0 30.8

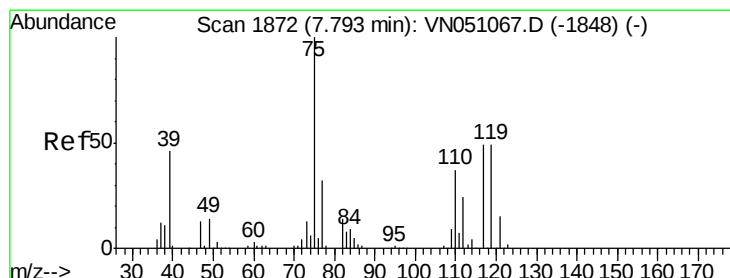
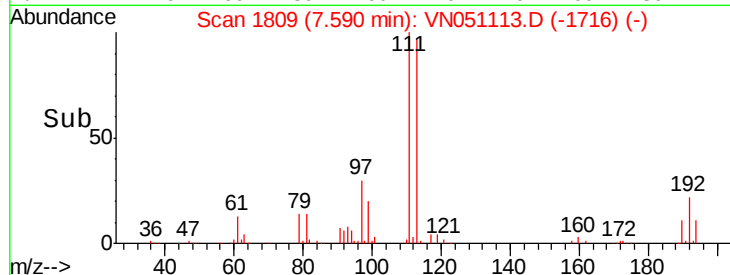
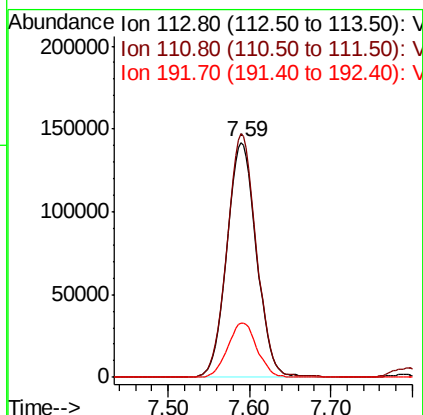
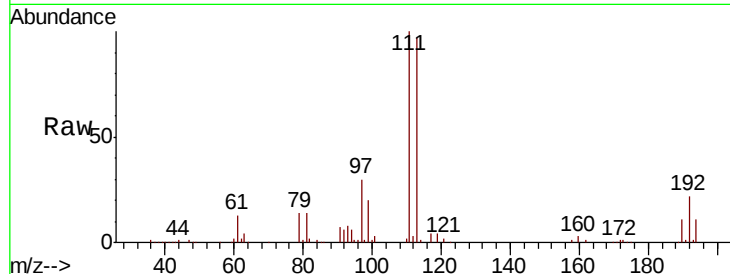




#35
 Dibromofluoromethane
 Concen: 50.90 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

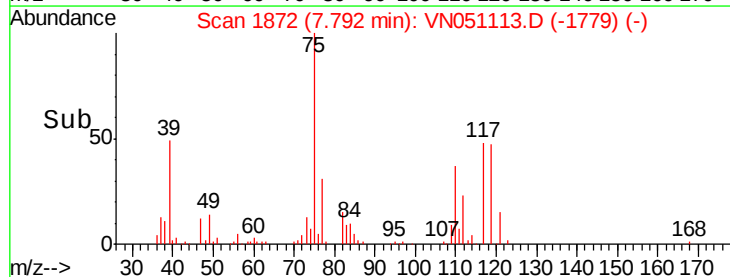
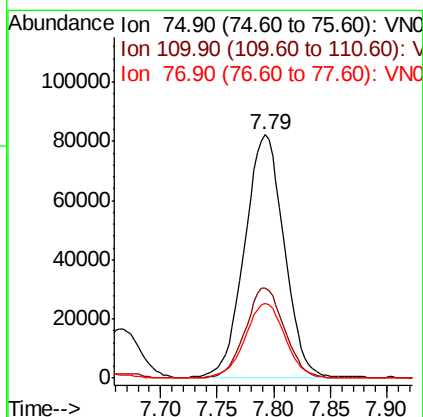
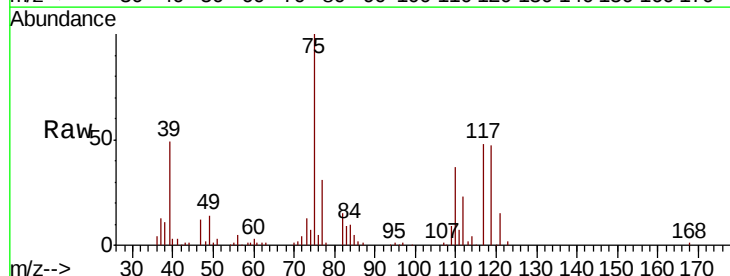
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

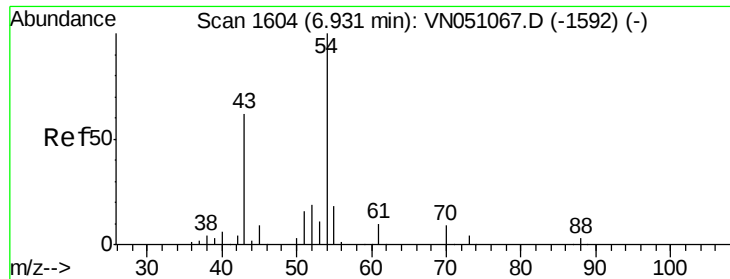
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	23.1	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 19.19 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.6	55.8
77	31.4	25.2	37.8

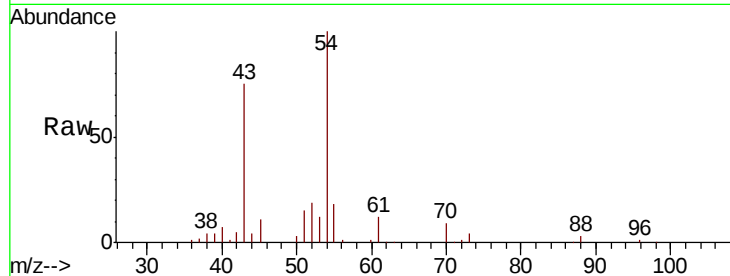




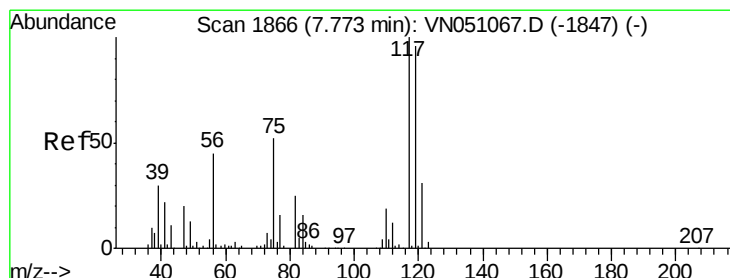
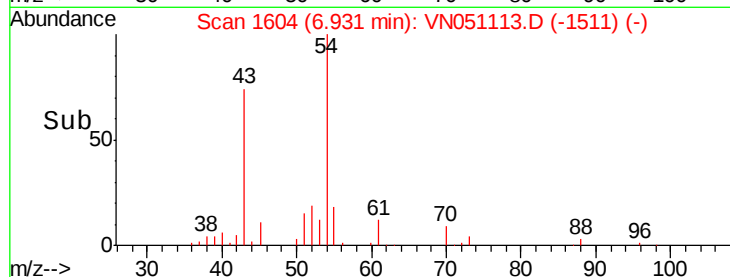
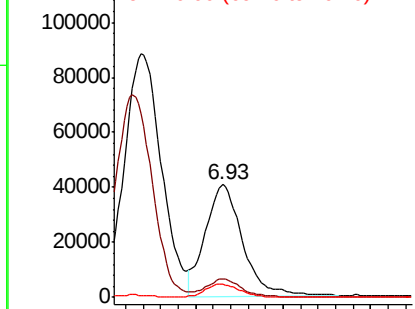
#37
Ethyl Acetate
Concen: 20.02 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tot Ion: 43 Resp: 120057
Ion Ratio Lower Upper
43 100
61 15.0 12.4 18.6
70 11.2 9.3 13.9

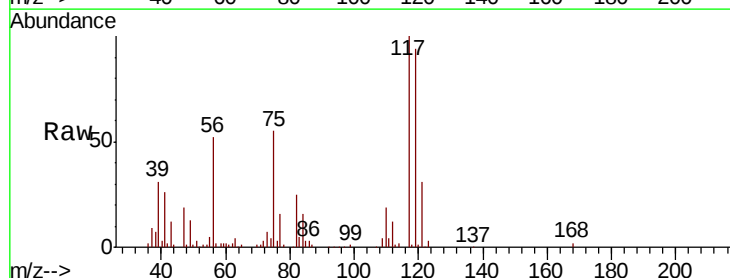


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

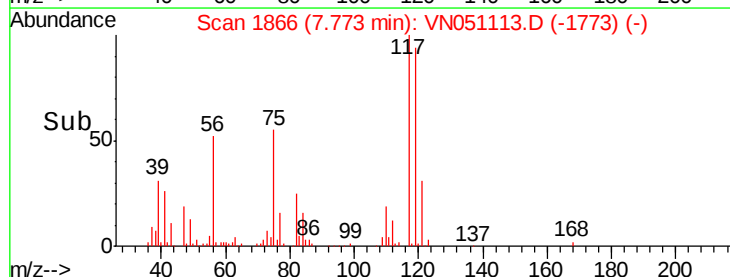
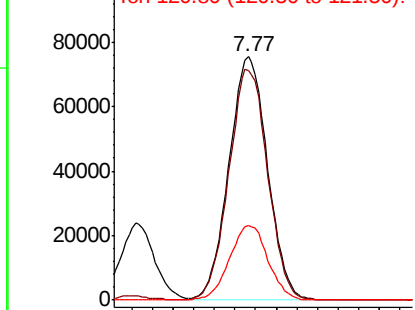


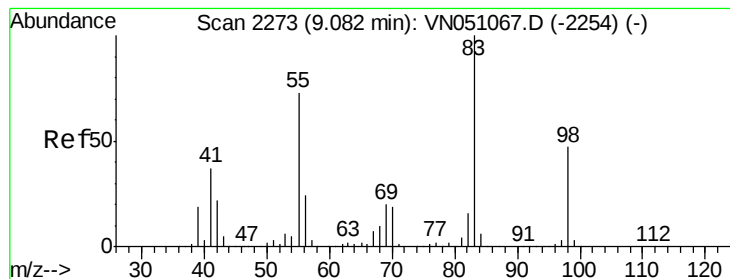
#38
Carbon Tetrachloride
Concen: 19.27 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion: 117 Resp: 196371
Ion Ratio Lower Upper
117 100
119 94.3 76.8 115.2
121 30.5 24.6 36.8



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





#39

Methvlcvclohexane

Concen: 19.13 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

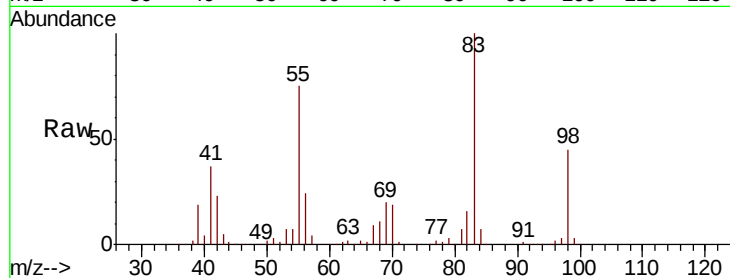
Tot Ion: 83 Resp: 218619

Ion Ratio Lower Upper

83 100

55 74.8 58.4 87.6

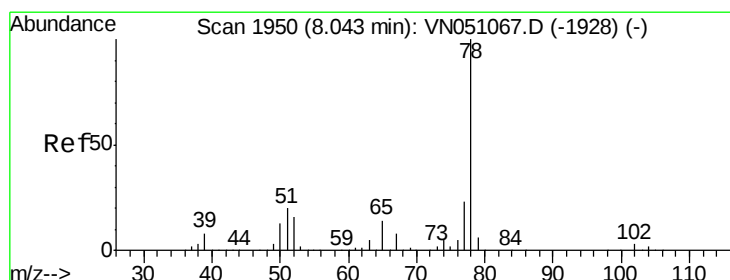
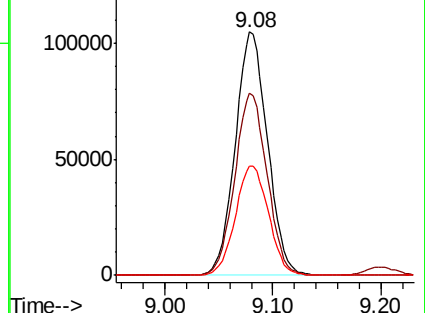
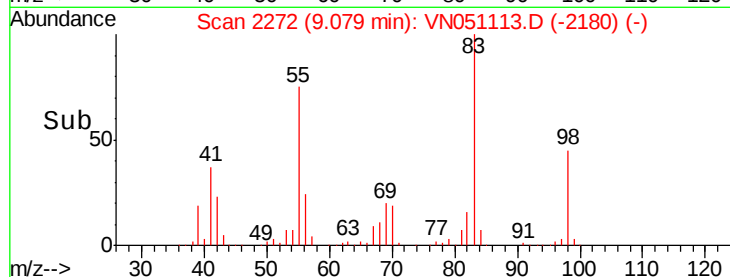
98 45.0 37.3 55.9



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 19.50 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN051113.D

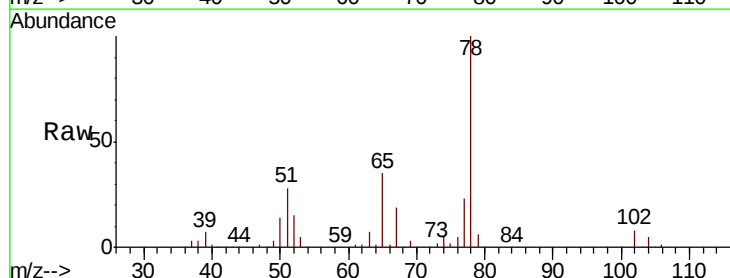
Acq: 11 Sep 2018 9:27

Tgt Ion: 78 Resp: 608468

Ion Ratio Lower Upper

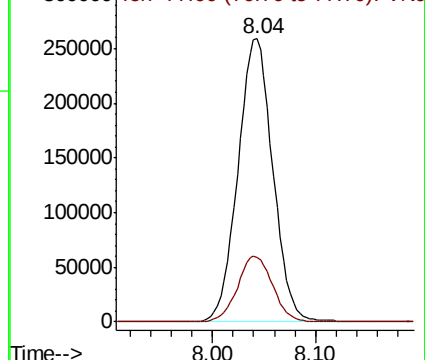
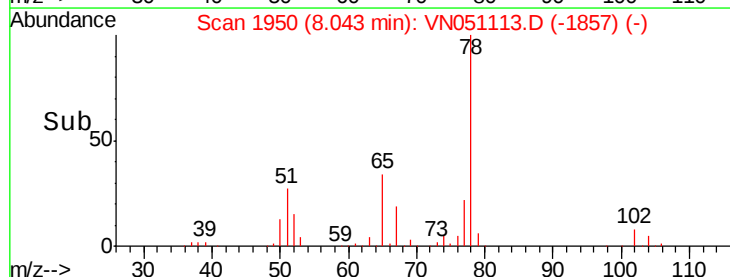
78 100

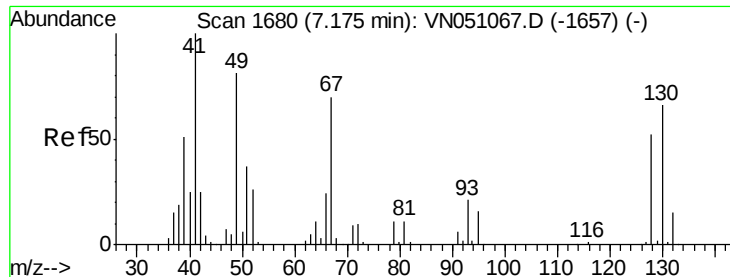
77 22.7 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

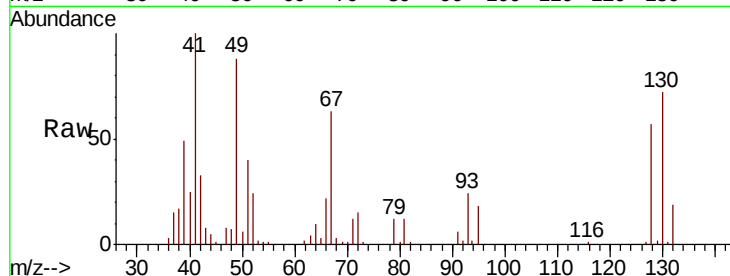




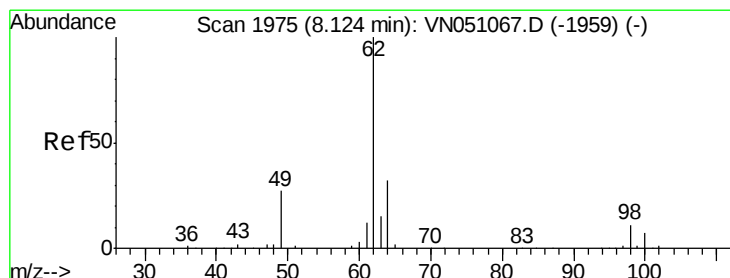
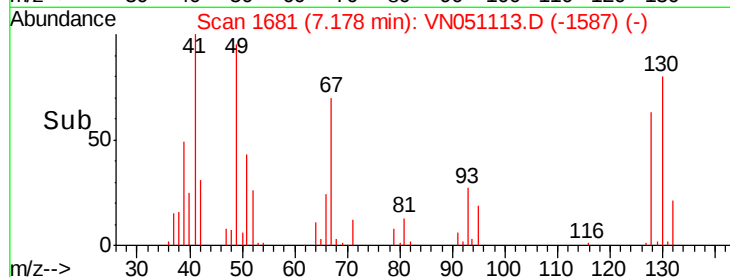
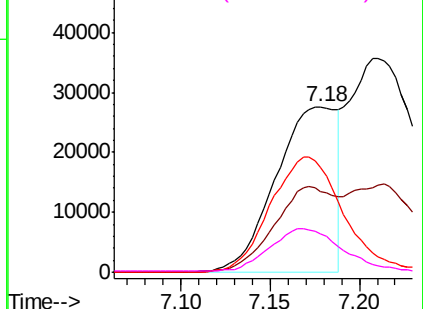
#41
Methacrylonitrile
Concen: 21.27 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tot Ion: 41 Resp: 65827
Ion Ratio Lower Upper
41 100
39 51.1 51.3 76.9#
67 83.1 78.5 117.7
52 29.9 29.0 43.6

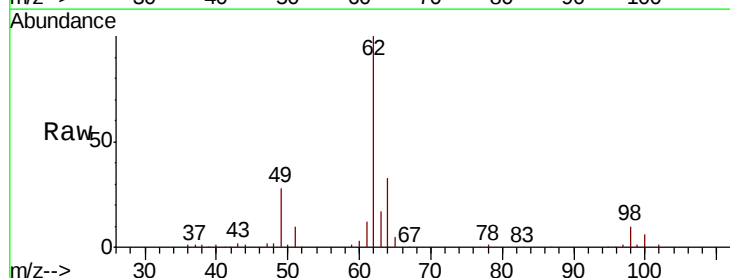


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

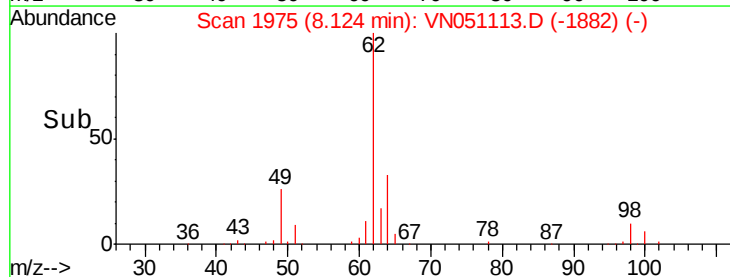
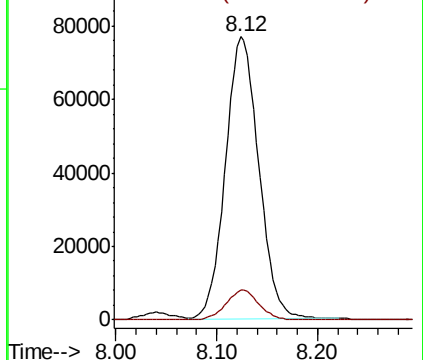


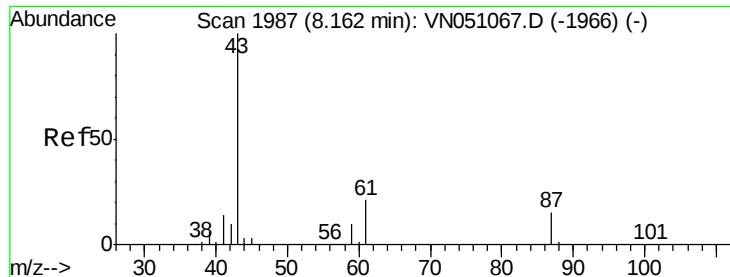
#42
1,2-Dichloroethane
Concen: 19.48 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion: 62 Resp: 177160
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.0



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



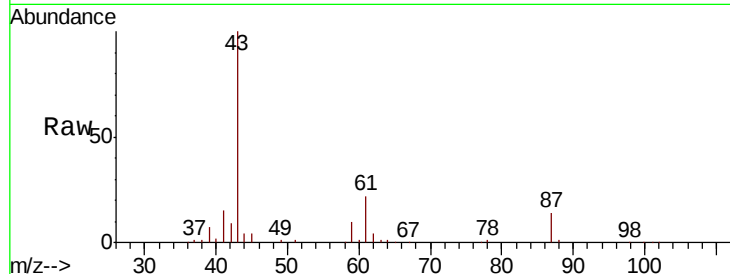


#43

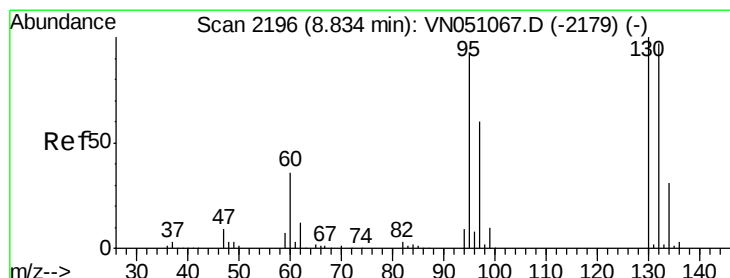
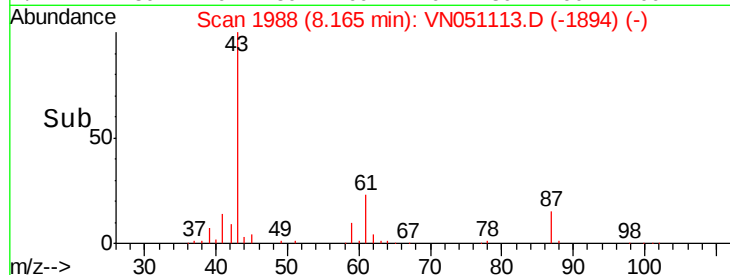
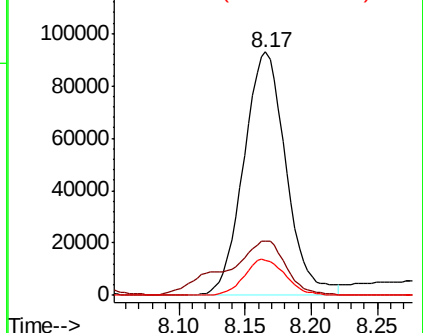
Isopropyl Acetate
 Concen: 19.51 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tot Ion: 43 Resp: 206492
 Ion Ratio Lower Upper
 43 100
 61 31.1 25.0 37.6
 87 14.5 11.8 17.8



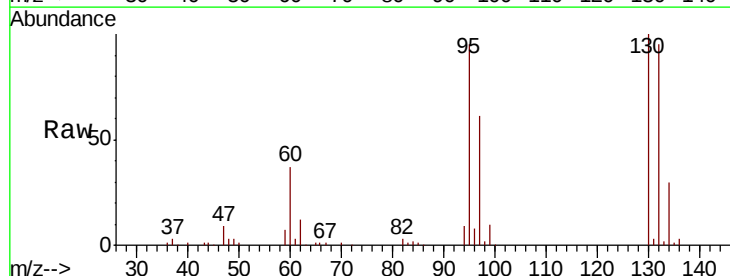
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



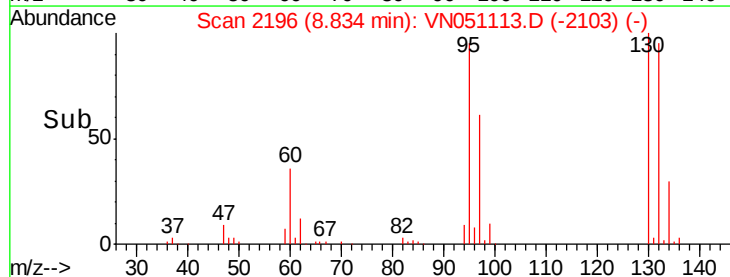
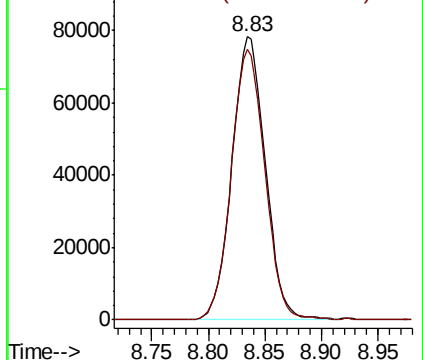
#44

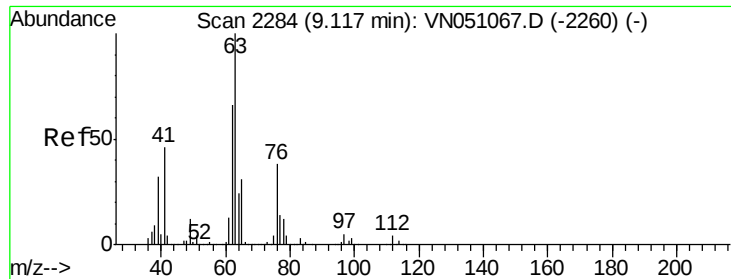
Trichloroethene
 Concen: 18.87 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion: 130 Resp: 161049
 Ion Ratio Lower Upper
 130 100
 95 95.4 0.0 186.2



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





#45

1,2-Dichloropropane

Concen: 19.62 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

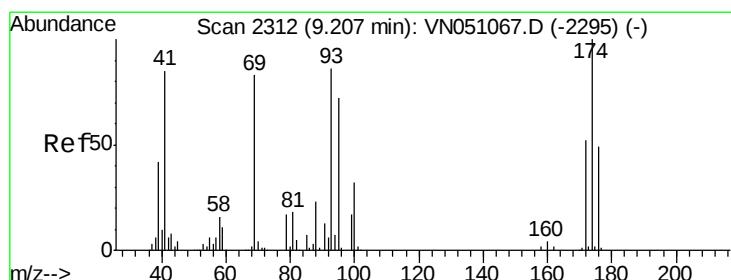
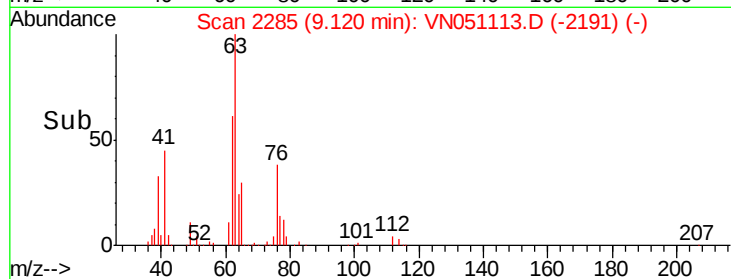
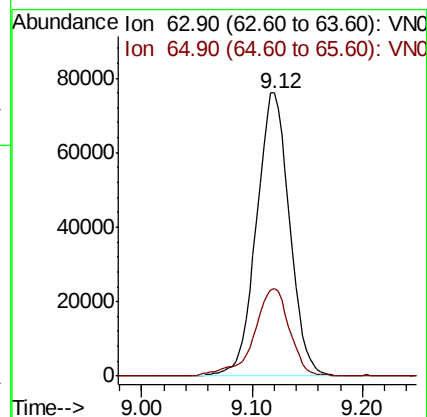
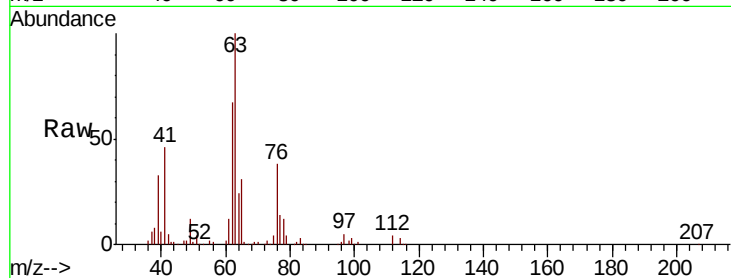
VN0911WBS01

Tot Ion: 63 Resp: 158222

Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



#46

Dibromomethane

Concen: 18.68 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

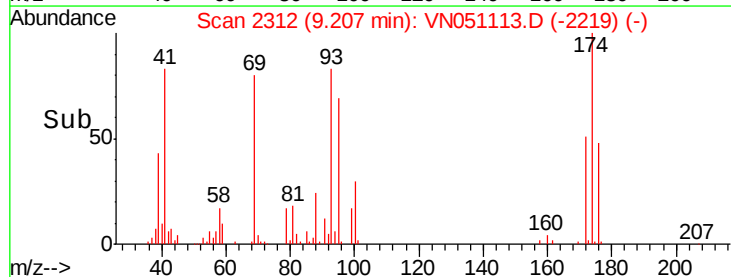
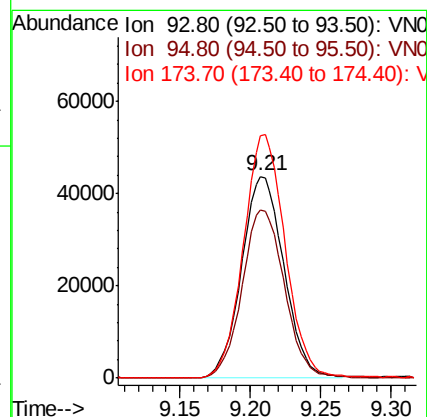
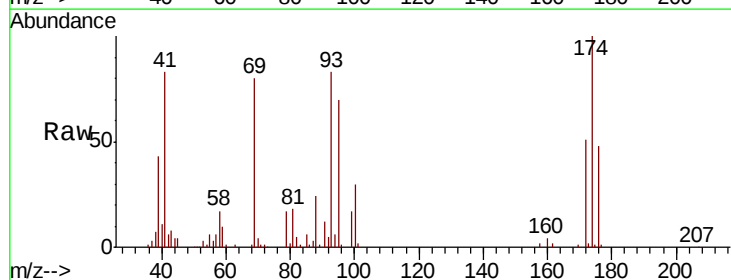
Tgt Ion: 93 Resp: 91893

Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 118.9 93.3 139.9





#47

Bromodichloromethane

Concen: 19.29 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

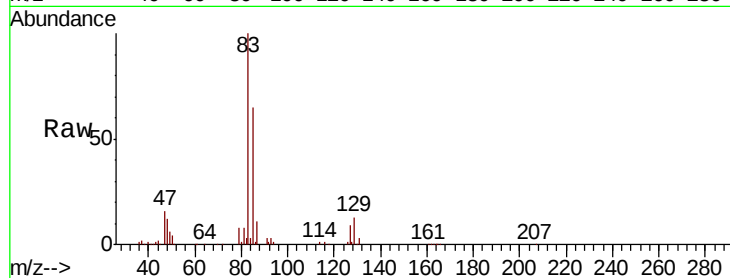
Tot Ion: 83 Resp: 192926

Ion Ratio Lower Upper

83 100

85 64.6 52.3 78.5

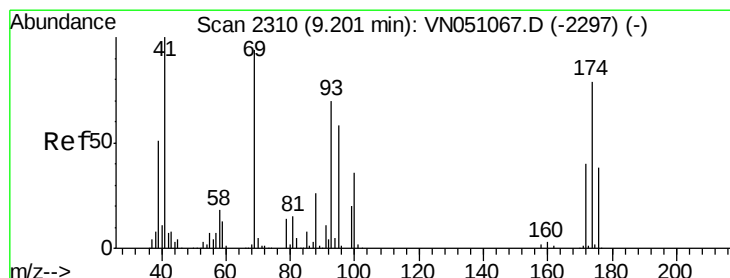
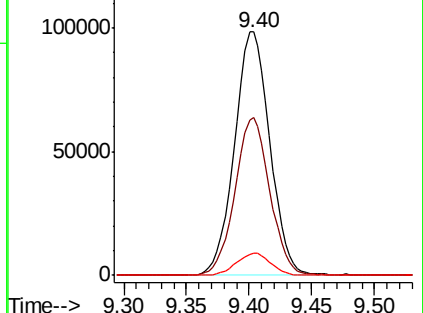
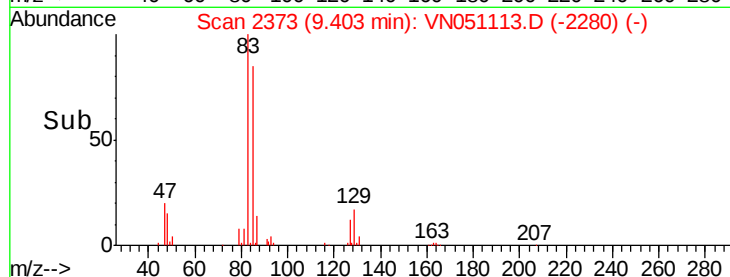
127 9.3 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051113.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051113.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051113.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.31 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

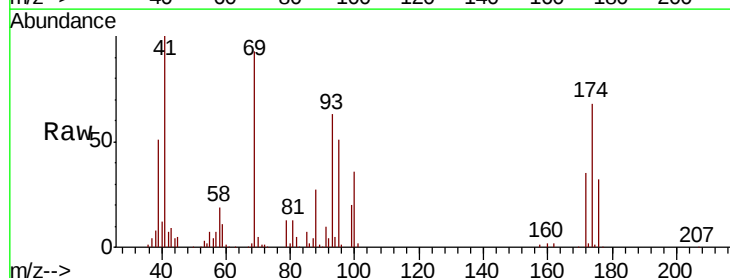
Tgt Ion: 41 Resp: 99588

Ion Ratio Lower Upper

41 100

69 96.6 77.7 116.5

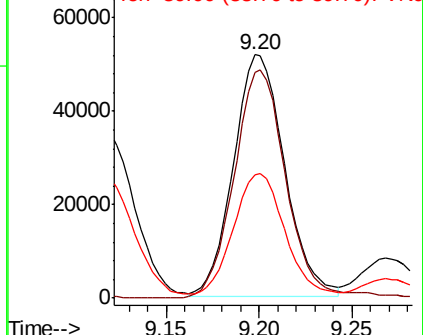
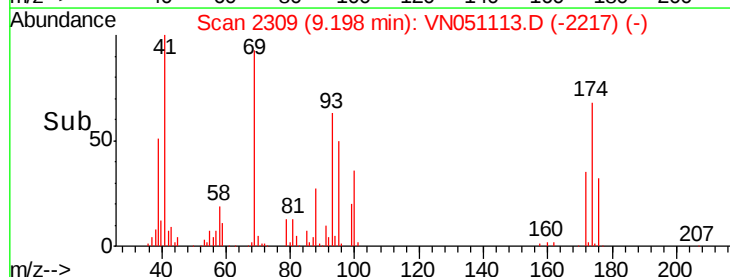
39 52.0 41.6 62.4

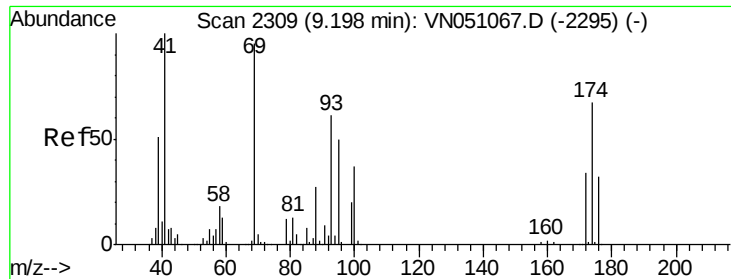


Abundance Ion 41.00 (40.70 to 41.70): VN051113.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051113.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051113.D (-2217) (-)

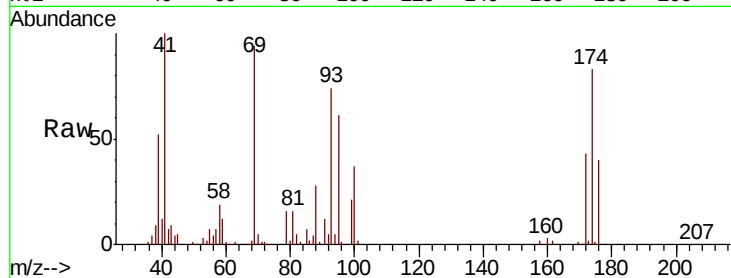




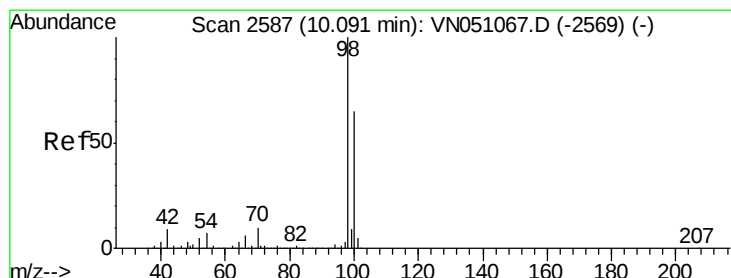
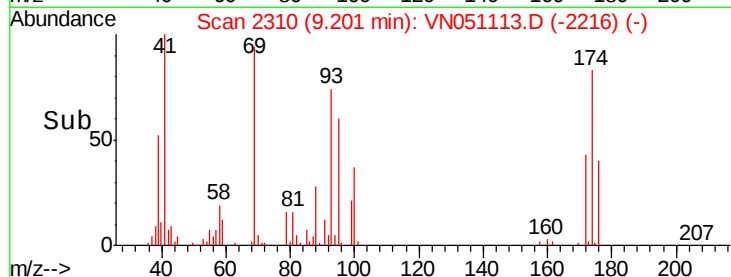
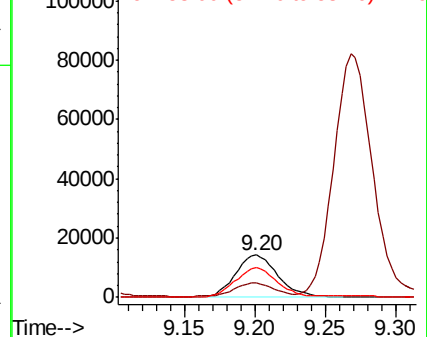
#49
1,4-Dioxane
Concen: 372.48 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

Tot Ion: 88 Resp: 30121
Ion Ratio Lower Upper
88 100
43 30.5 23.7 35.5
58 69.4 54.6 82.0

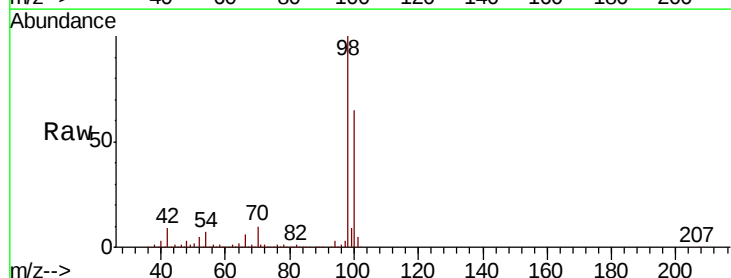


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

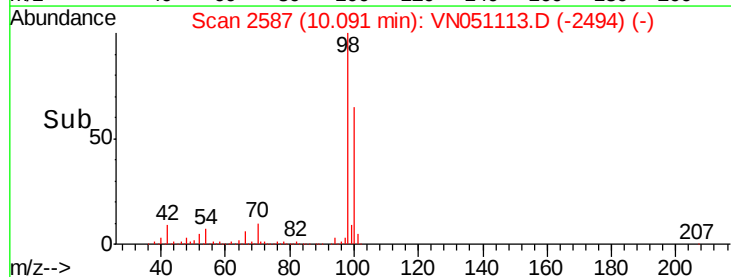
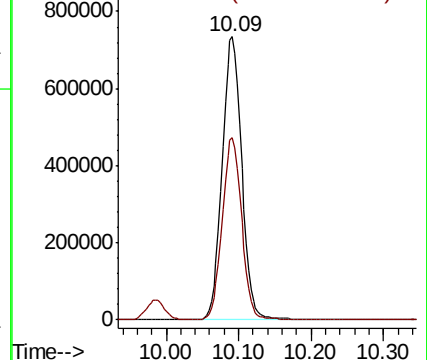


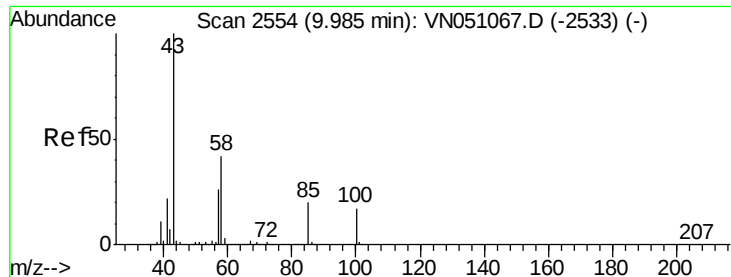
#50
Toluene-d8
Concen: 51.12 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion: 98 Resp: 1374907
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



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

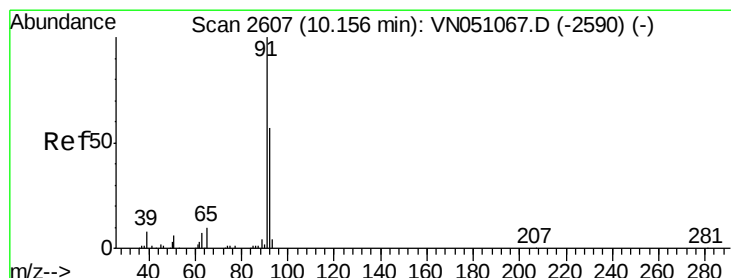
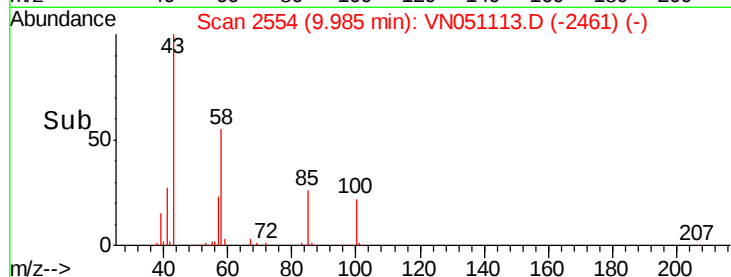
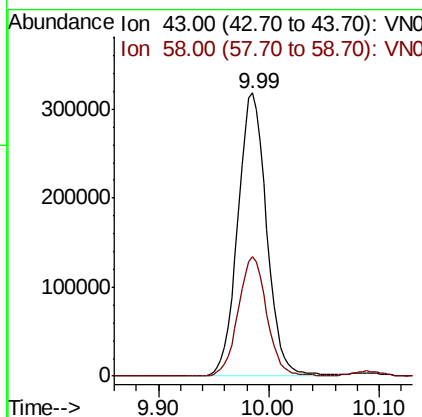
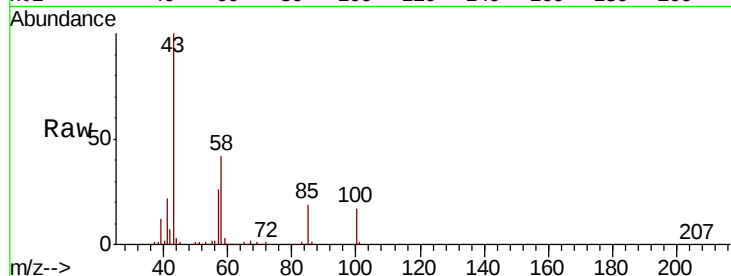




#51
 4-Methyl-2-Pentanone
 Concen: 98.33 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

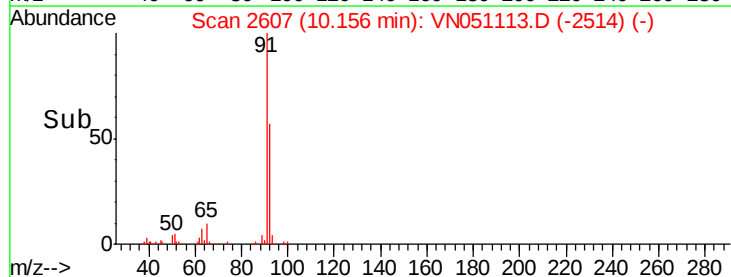
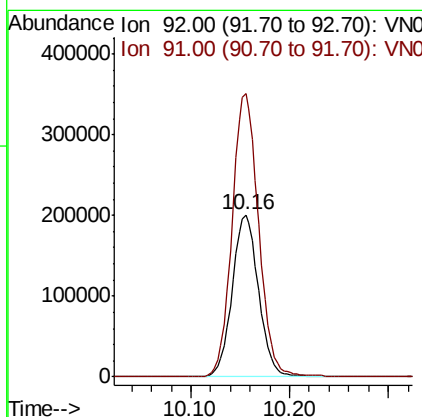
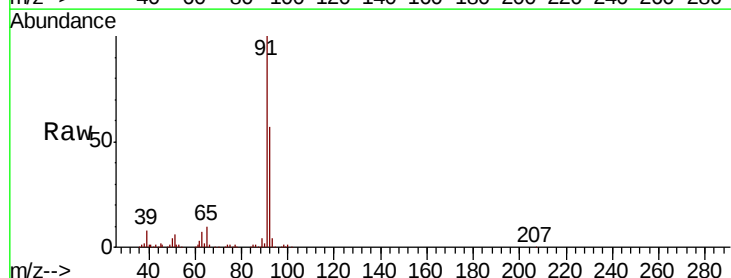
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

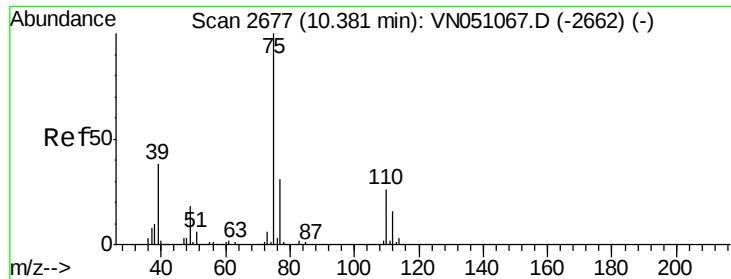
Tot Ion: 43 Resp: 575412
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.5 50.3



#52
 Toluene
 Concen: 19.64 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion: 92 Resp: 373660
 Ion Ratio Lower Upper
 92 100
 91 175.6 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 18.97 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

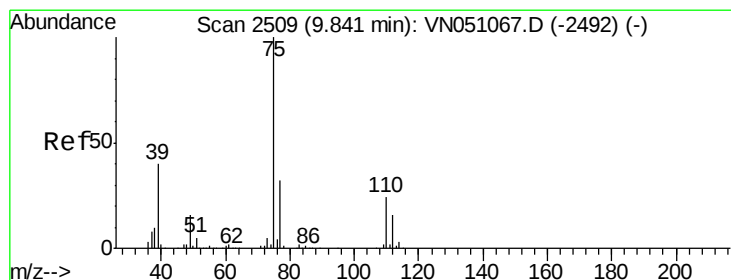
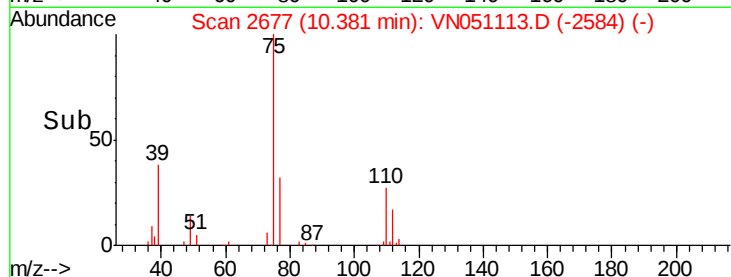
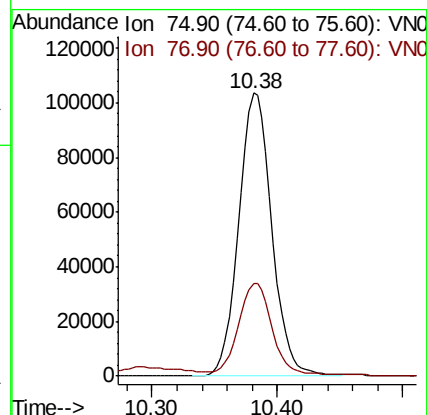
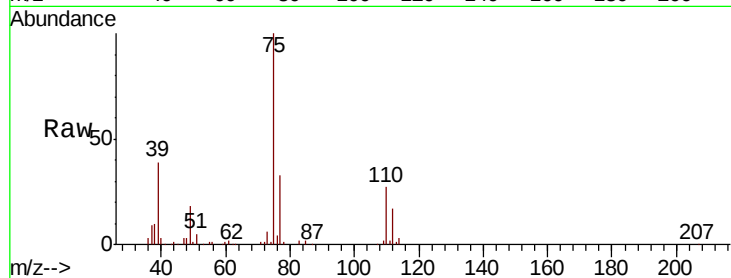
VN0911WBS01

Tot Ion: 75 Resp: 189882

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.52 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

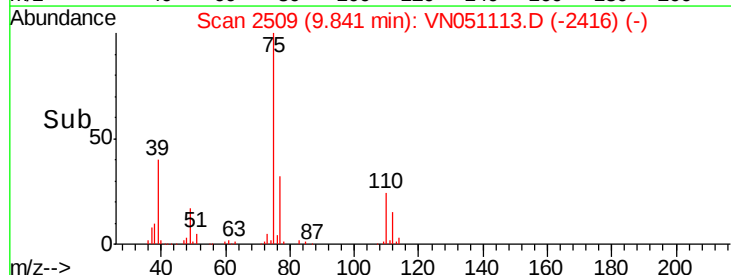
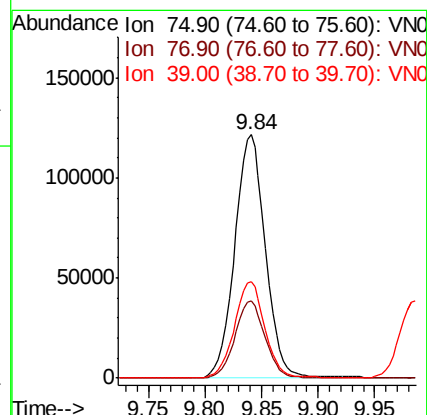
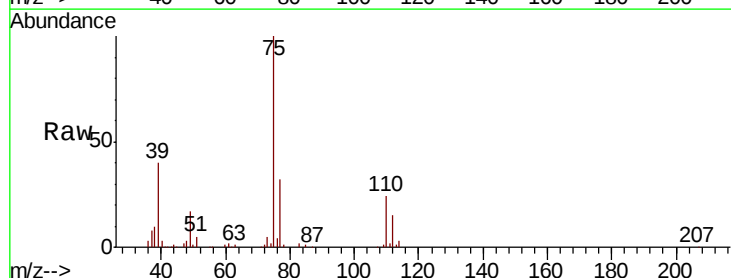
Tgt Ion: 75 Resp: 229178

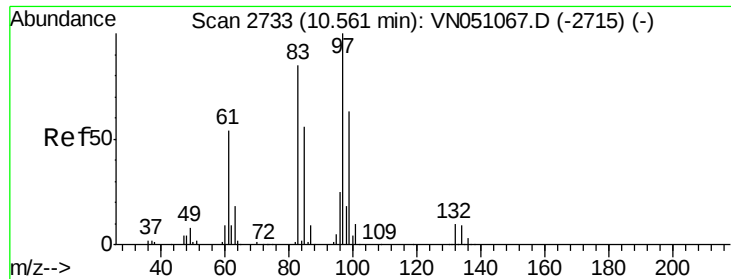
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 39.7 31.9 47.9

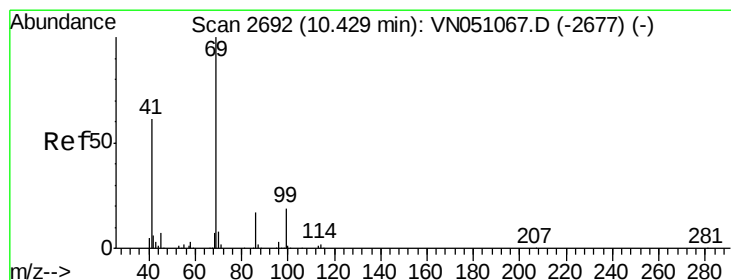
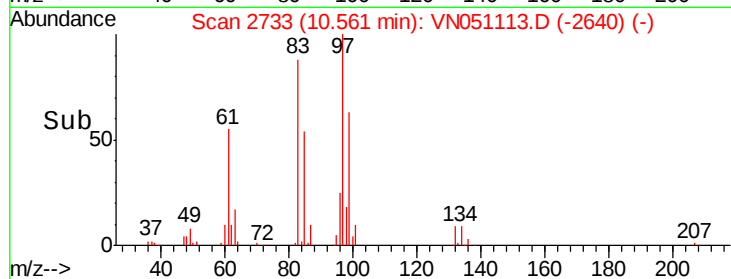
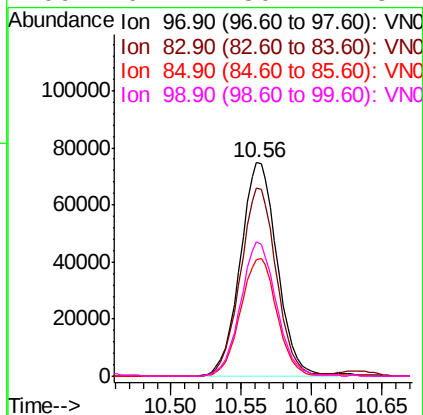
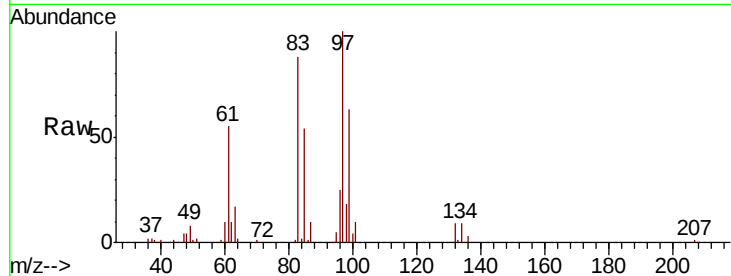




#55
 1,1,2-Trichloroethane
 Concen: 19.85 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

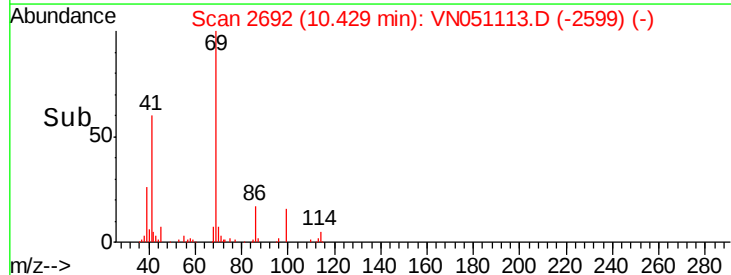
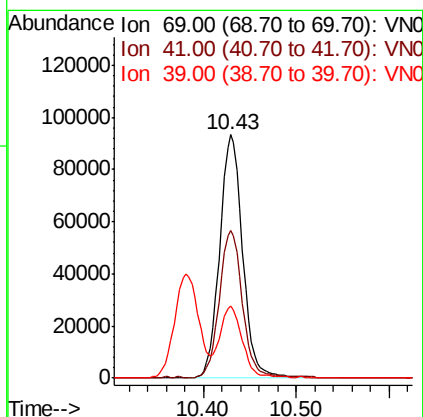
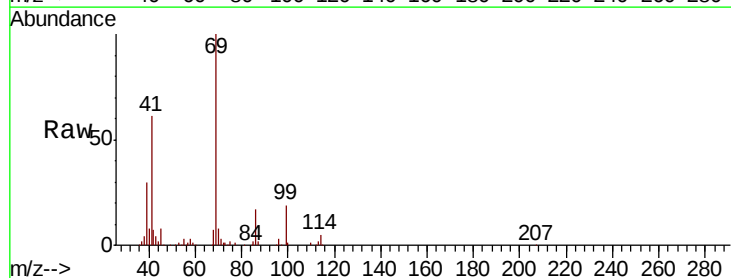
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tot Ion:	97	Resp:	137190
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.2	102.2
85	54.4	44.8	67.2
99	62.7	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 18.90 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion:	69	Resp:	160452
Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.8	71.8
39	29.0	23.0	34.4





#57

1,3-Dichloropropane

Concen: 19.62 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

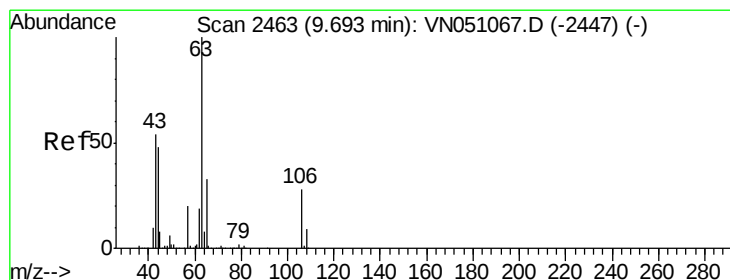
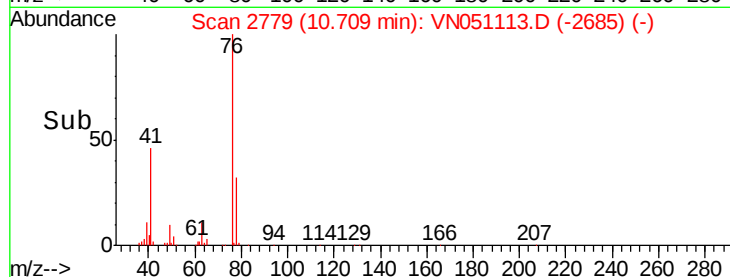
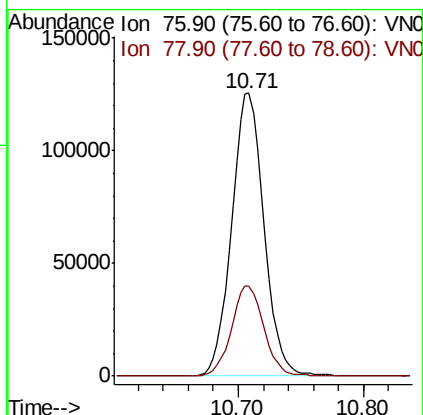
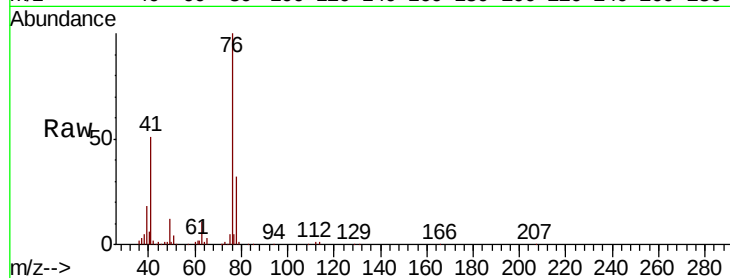
VN0911WBS01

Tot Ion: 76 Resp: 224816

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 94.13 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051113.D

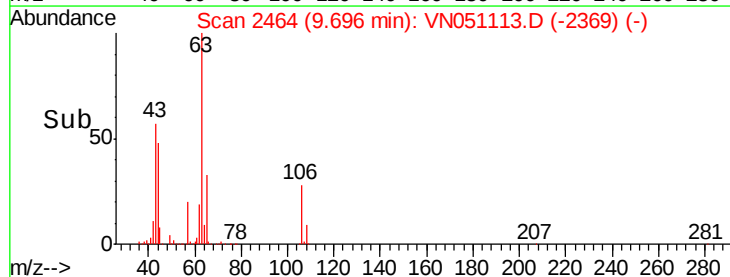
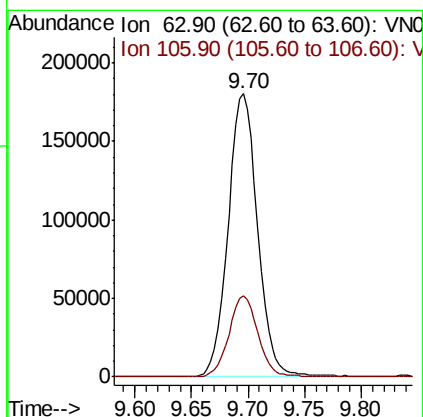
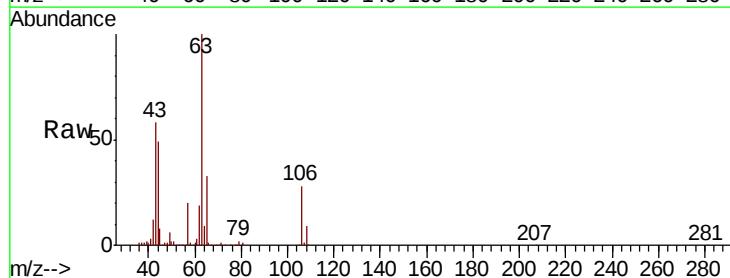
Acq: 11 Sep 2018 9:27

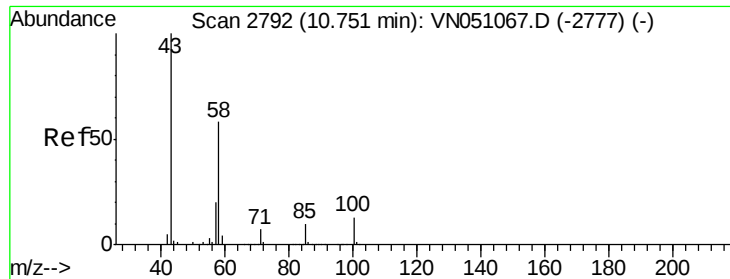
Tgt Ion: 63 Resp: 327619

Ion Ratio Lower Upper

63 100

106 28.0 22.5 33.7

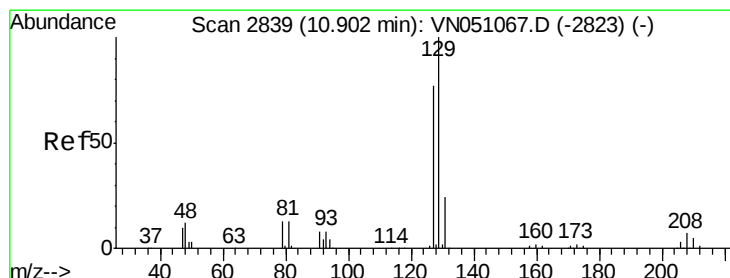
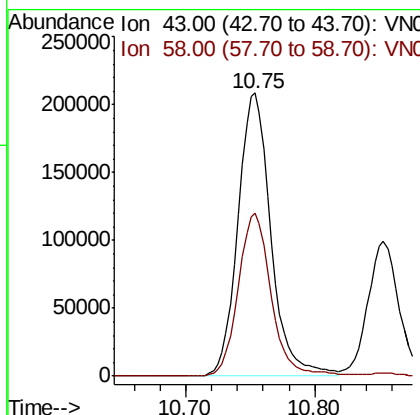
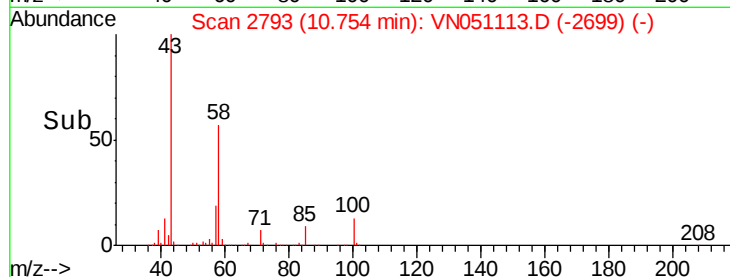
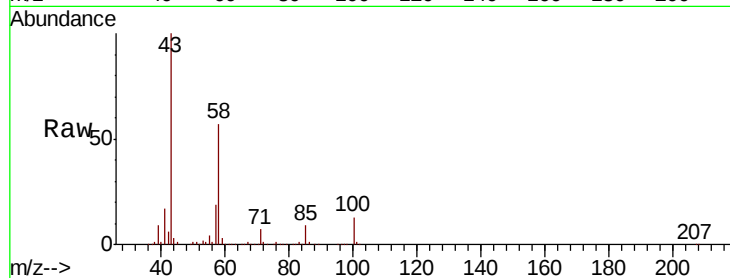




#59
2-Hexanone
Concen: 93.19 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

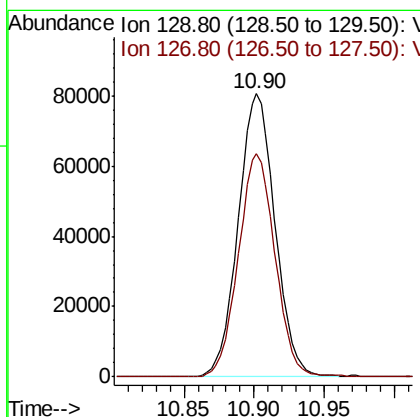
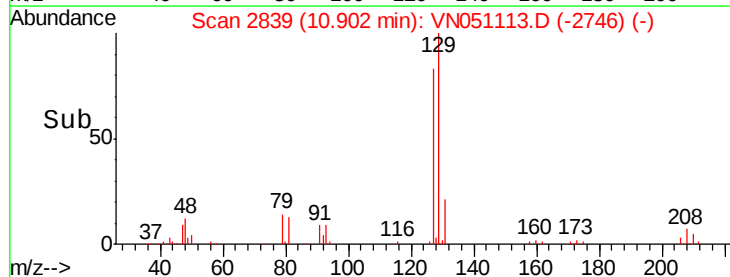
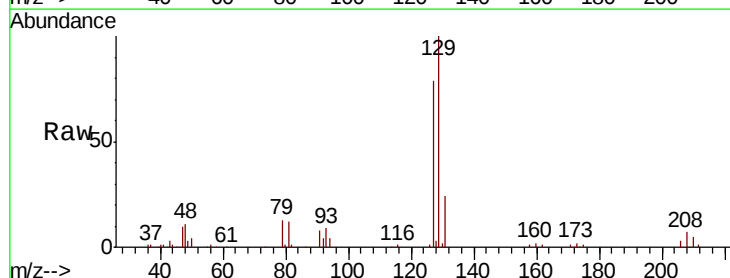
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

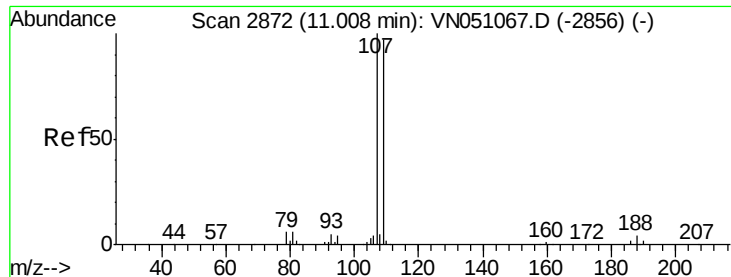
Tot Ion: 43 Resp: 369829
Ion Ratio Lower Upper
43 100
58 57.7 29.3 88.0



#60
Dibromochloromethane
Concen: 18.93 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion: 129 Resp: 147491
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.48 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

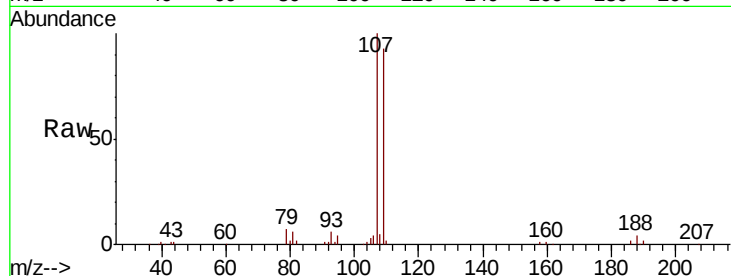
VN0911WBS01

Tot Ion: 107 Resp: 131633

Ion Ratio Lower Upper

107 100

109 94.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

80000

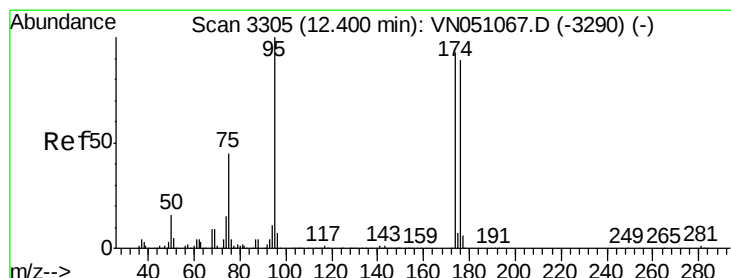
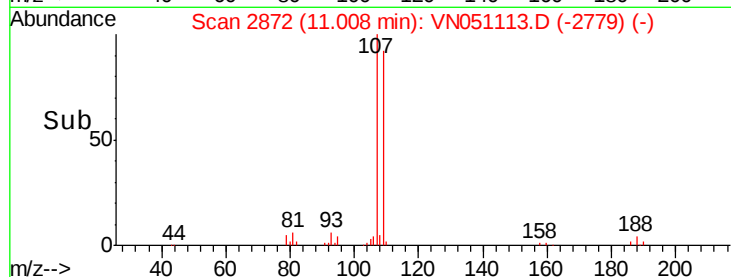
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 49.84 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

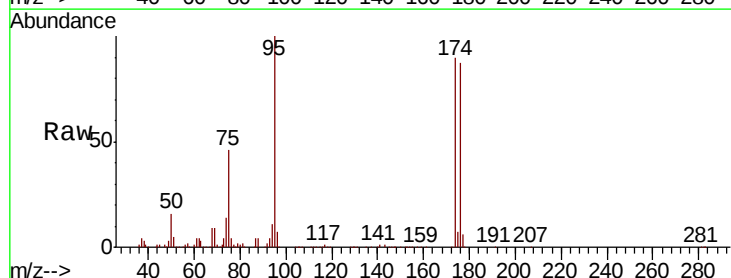
Tgt Ion: 95 Resp: 443358

Ion Ratio Lower Upper

95 100

174 91.5 0.0 184.8

176 88.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

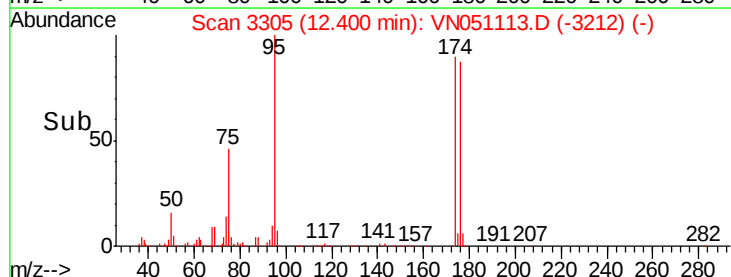
300000

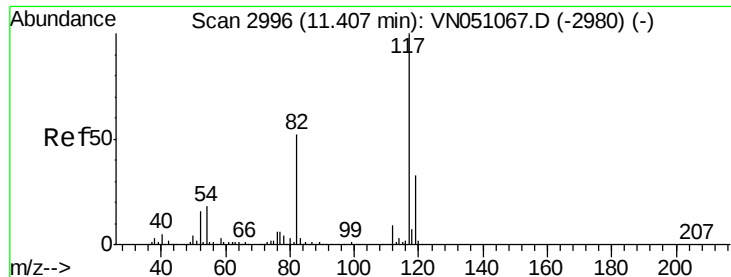
200000

100000

0

Time--> 12.30 12.40 12.50

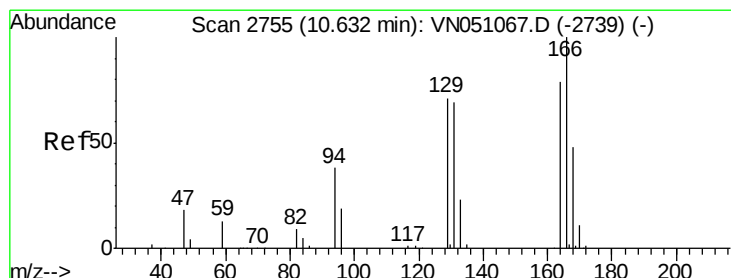
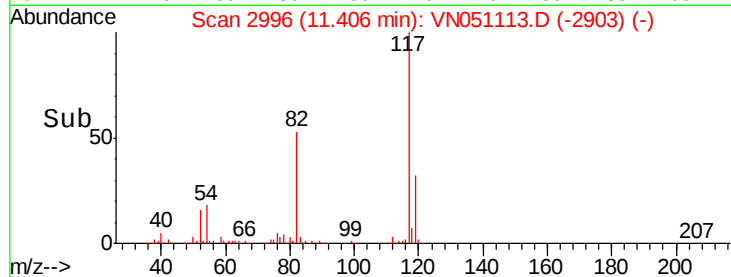
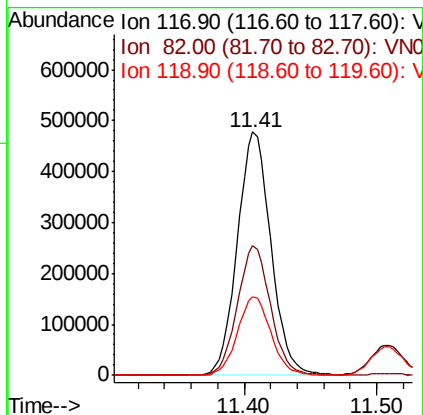
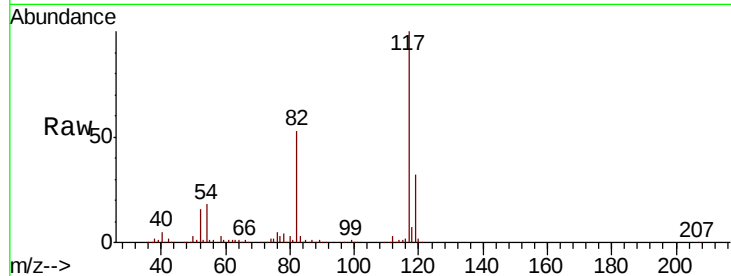




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

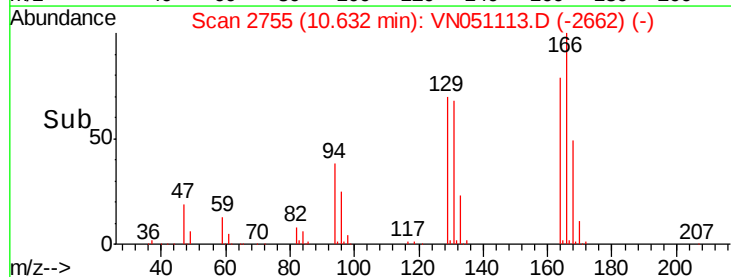
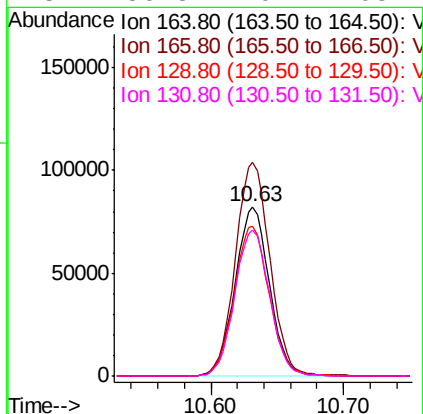
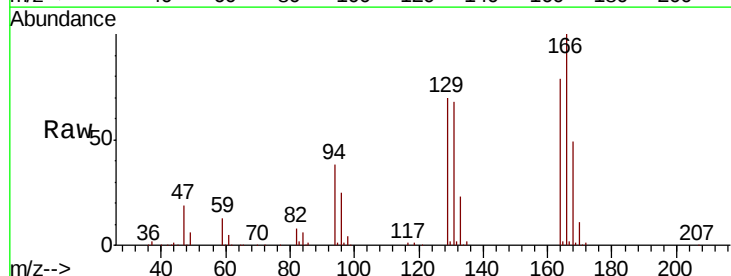
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS01

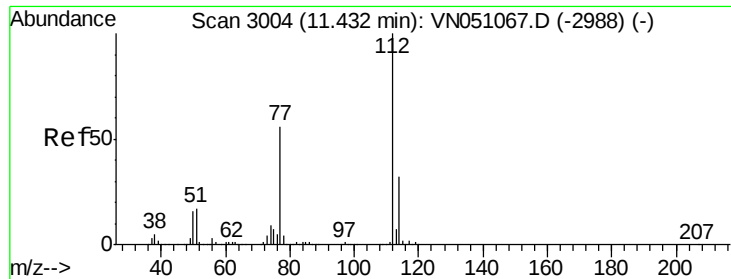
Tot Ion:117 Resp: 839892
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 19.25 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion:164 Resp: 147521
Ion Ratio Lower Upper
164 100
166 126.0 101.3 151.9
129 88.7 72.2 108.2
131 86.3 70.2 105.2

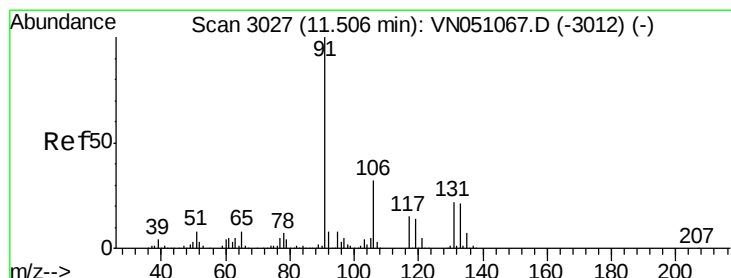
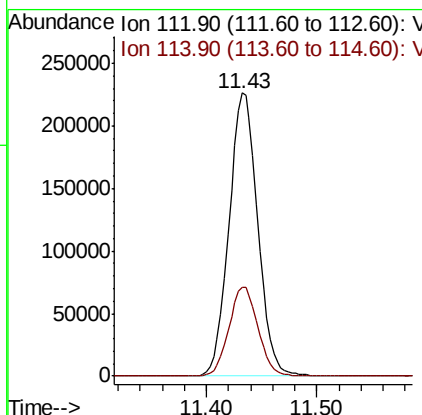
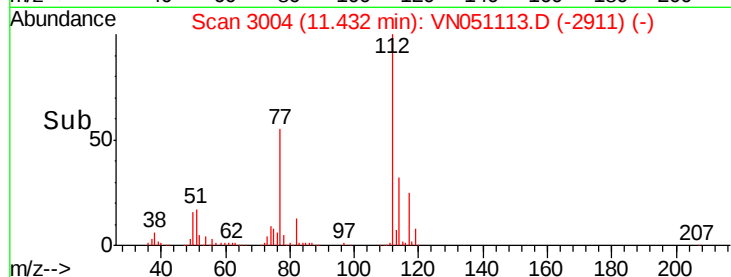
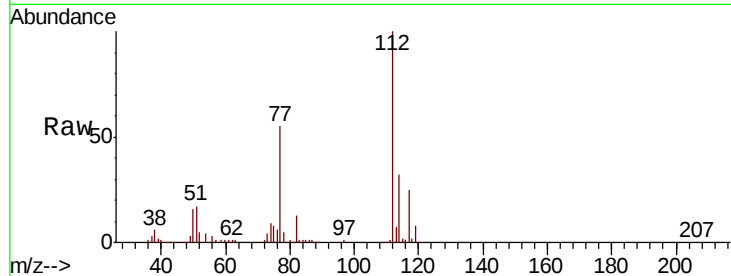




#65
Chlorobenzene
Concen: 19.31 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

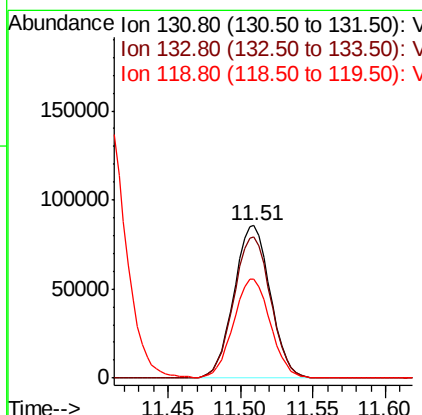
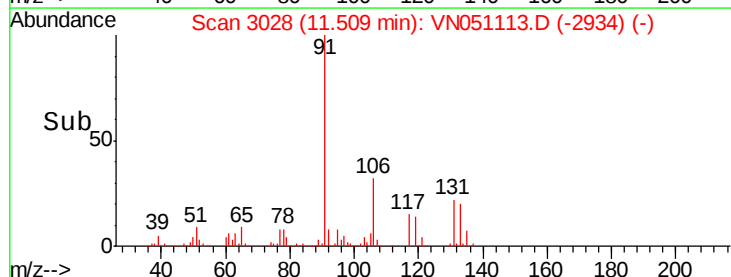
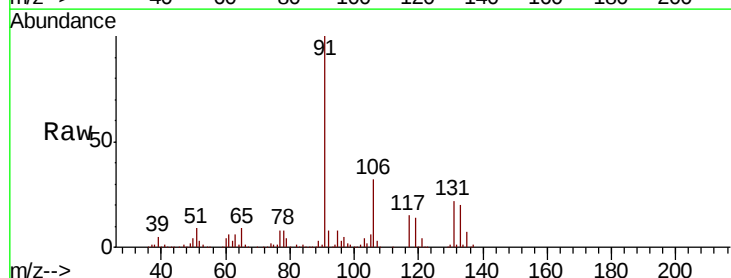
Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

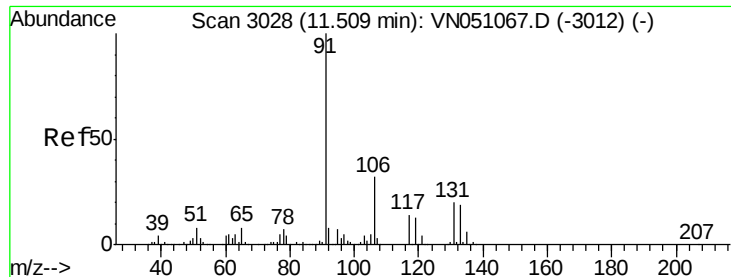
Tot Ion:112 Resp: 408717
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.64 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion:131 Resp: 149706
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 65.8 33.2 99.6





#67

Ethyl Benzene

Concen: 19.53 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

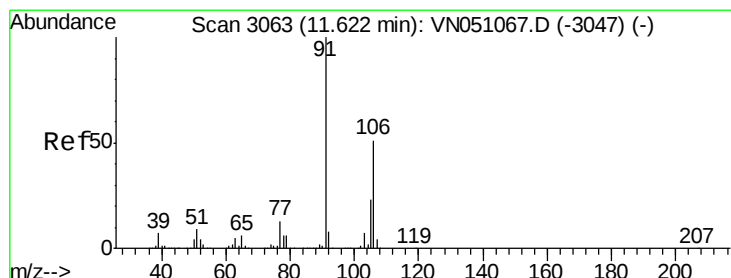
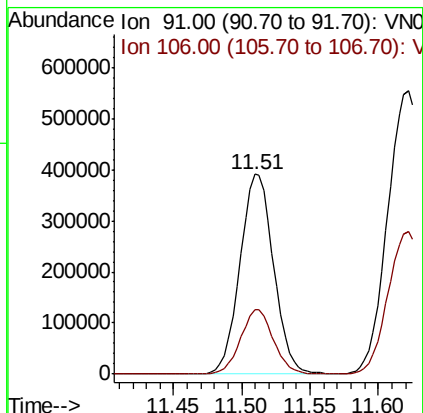
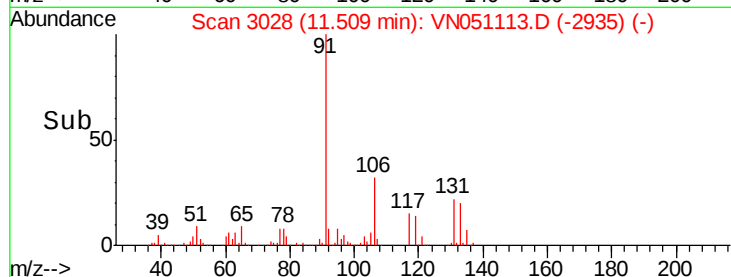
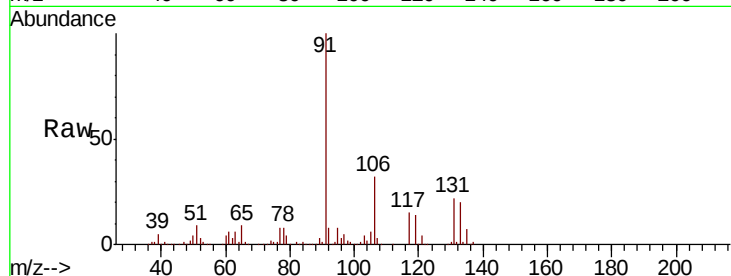
VN0911WBS01

Tot Ion: 91 Resp: 669732

Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.2



#68

m/p-Xylenes

Concen: 40.46 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN051113.D

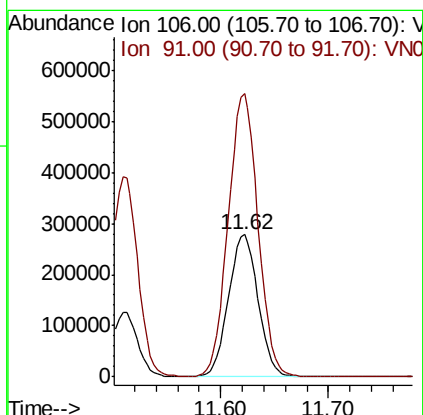
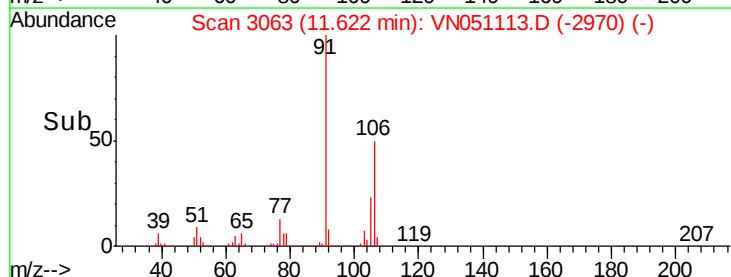
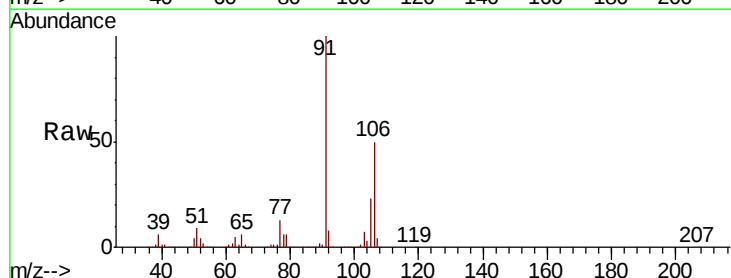
Acq: 11 Sep 2018 9:27

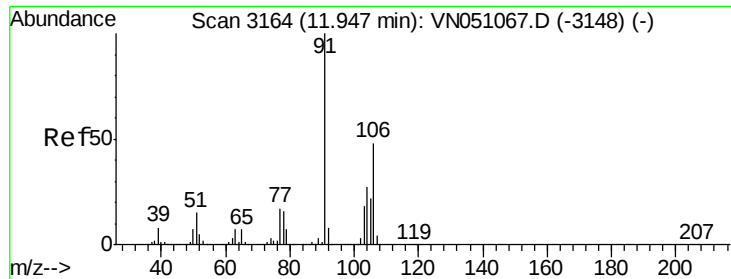
Tgt Ion: 106 Resp: 533046

Ion Ratio Lower Upper

106 100

91 199.9 159.8 239.6

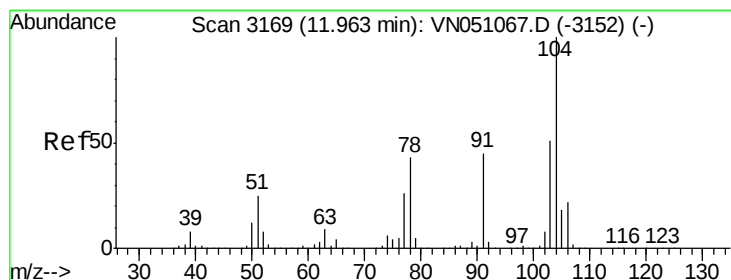
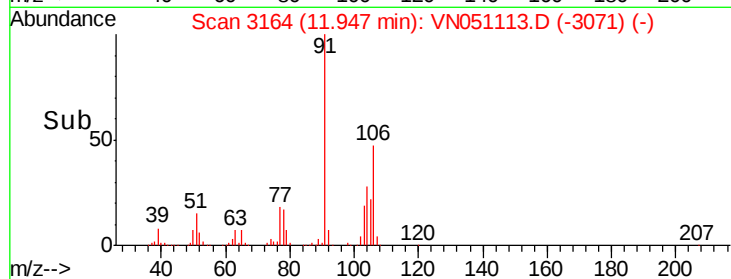
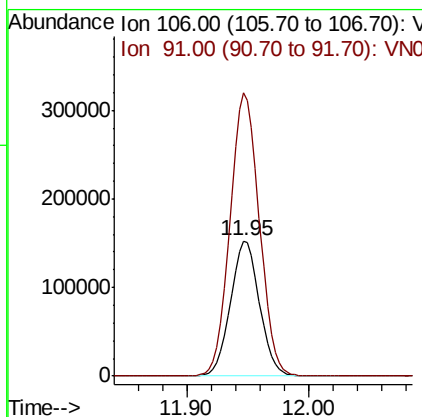
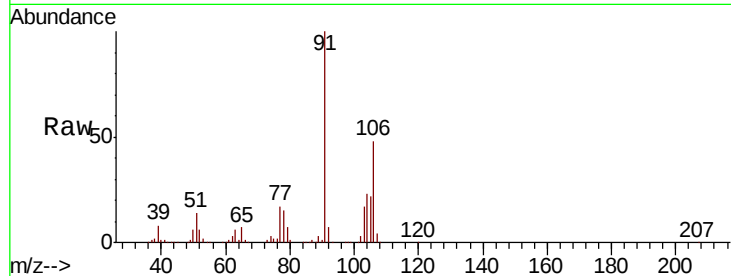




#69
o-Xylene
Concen: 19.81 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

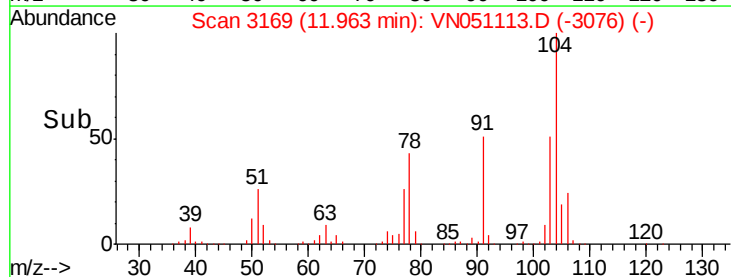
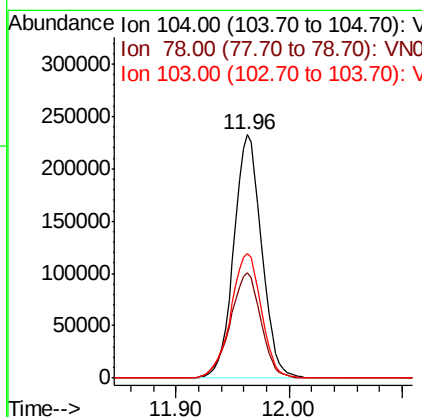
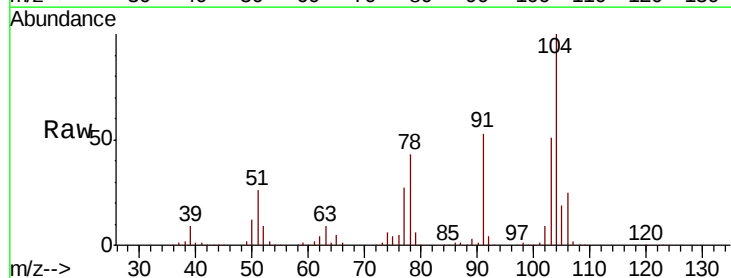
Instrument :
MSVOA_N
ClientSampled :
VN0911WBS01

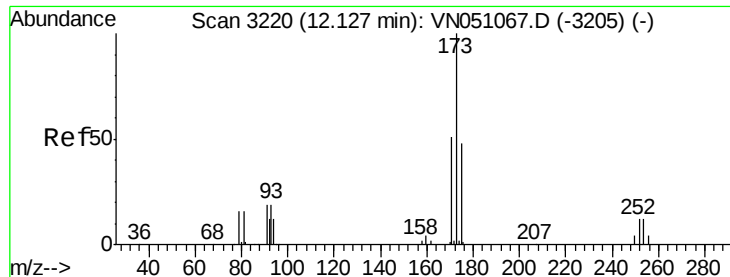
Tot Ion:106 Resp: 252745
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.1



#70
Styrene
Concen: 20.17 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051113.D
Acq: 11 Sep 2018 9:27

Tgt Ion:104 Resp: 399083
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 56.2 44.6 67.0





#71

Bromoform

Concen: 19.24 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

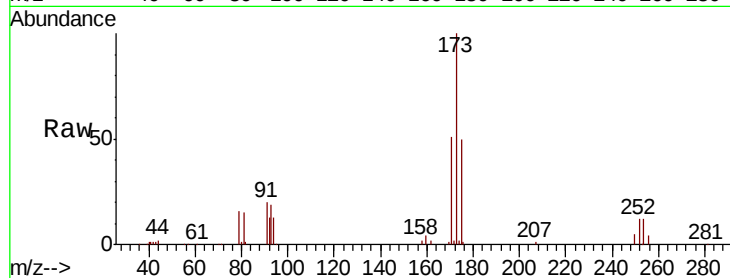
Tot Ion:173 Resp: 103237

Ion Ratio Lower Upper

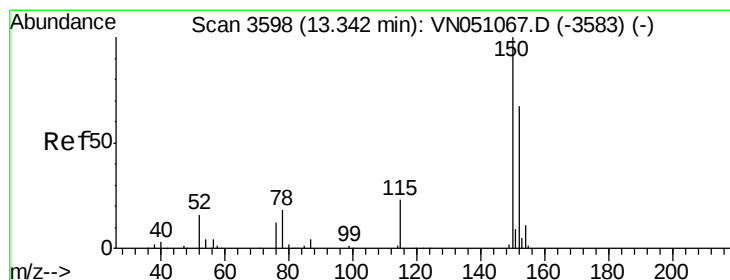
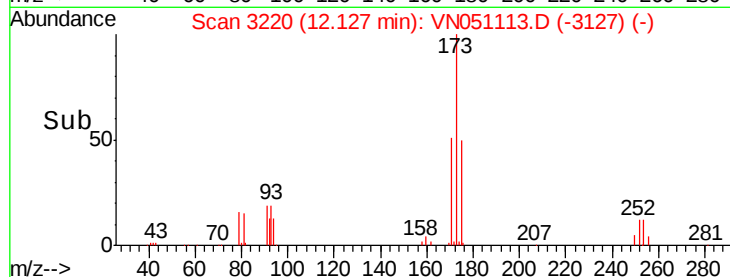
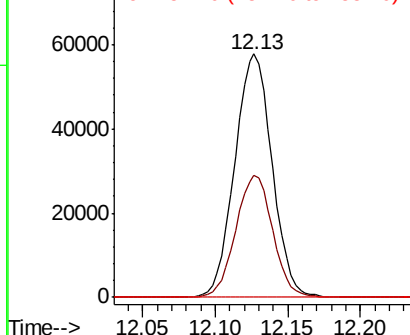
173 100

175 49.6 24.3 72.9

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

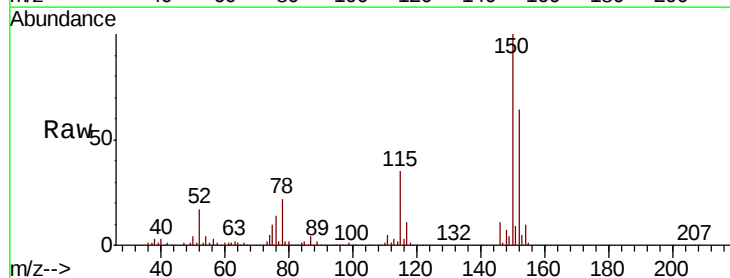
Tgt Ion:152 Resp: 404338

Ion Ratio Lower Upper

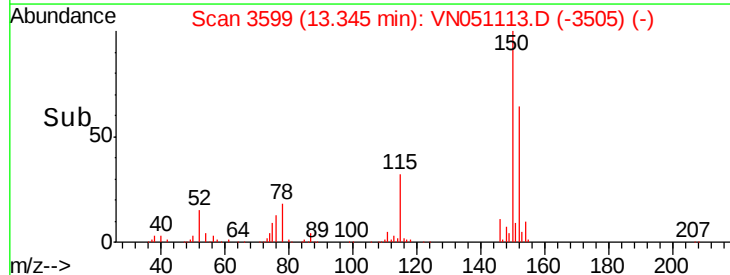
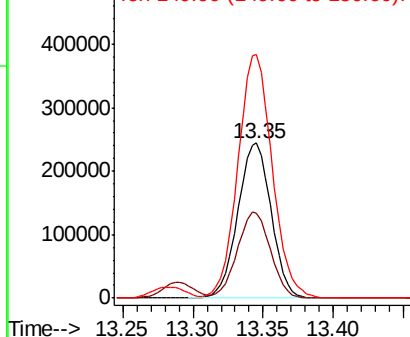
152 100

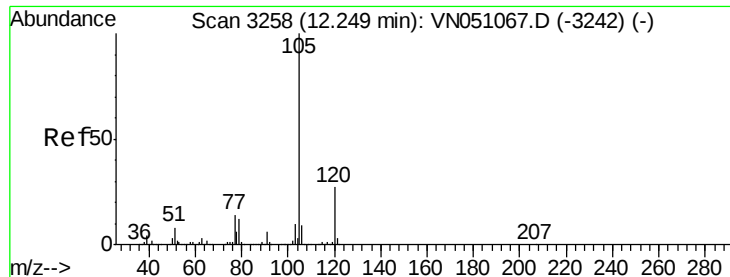
115 55.4 28.2 84.7

150 161.9 0.0 349.0



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: 19.83 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

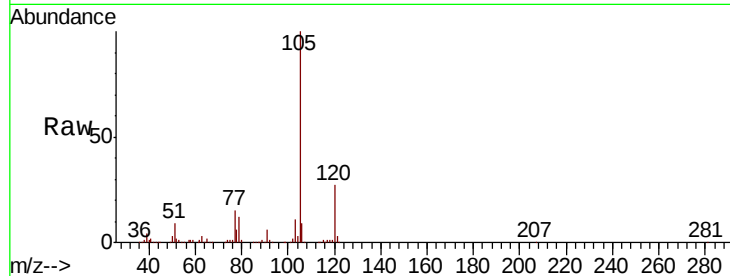
VN0911WBS01

Tot Ion:105 Resp: 672507

Ion Ratio Lower Upper

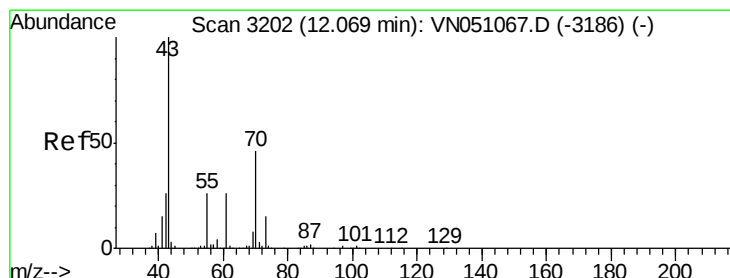
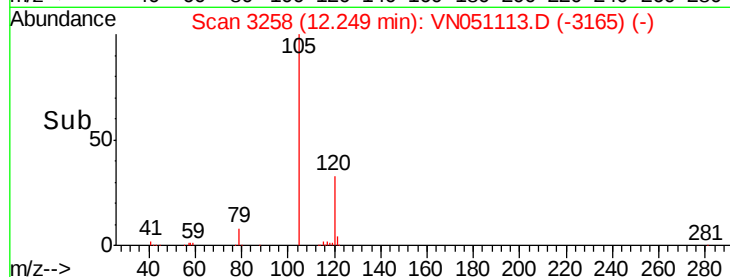
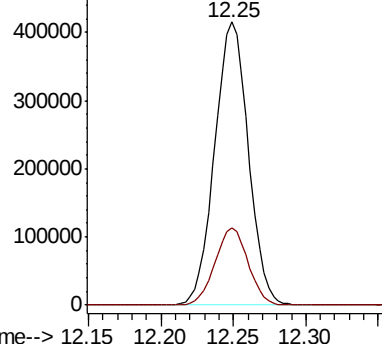
105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.05 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Tgt Ion: 43 Resp: 154069

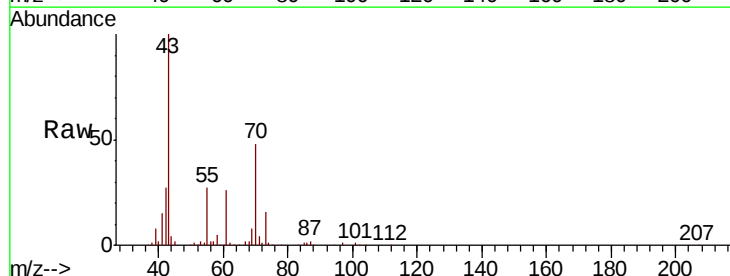
Ion Ratio Lower Upper

43 100

70 47.2 37.0 55.4

55 28.2 21.3 31.9

61 26.2 20.7 31.1

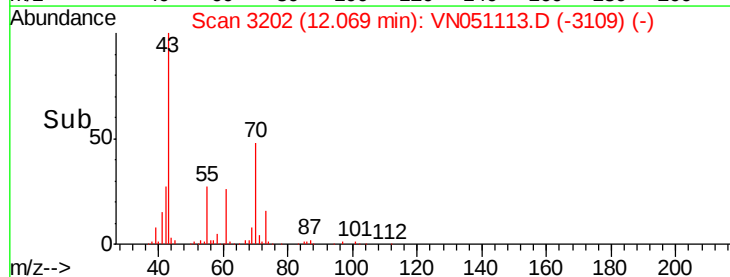
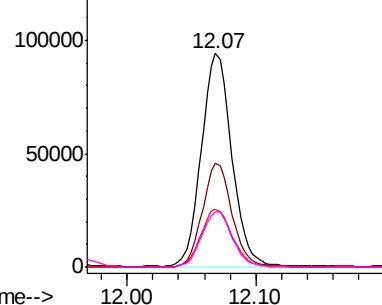


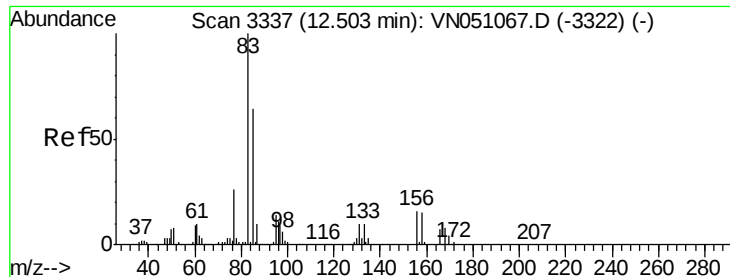
Abundance Ion 43.00 (42.70 to 43.70): V

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: 20.59 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

VN0911WBS01

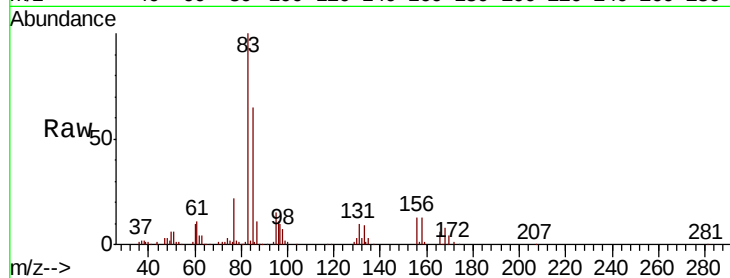
Tot Ion: 83 Resp: 167435

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

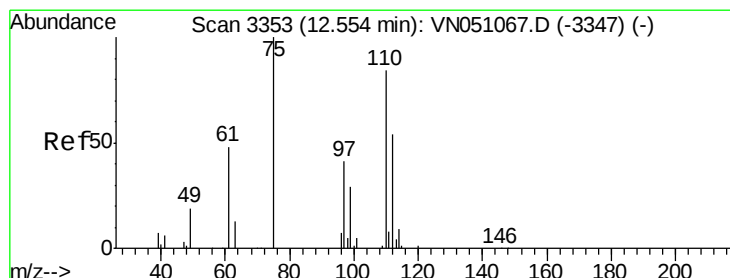
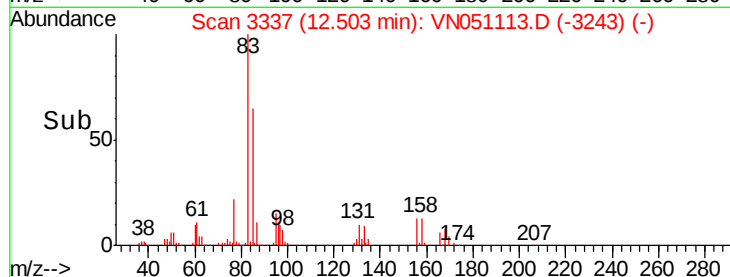
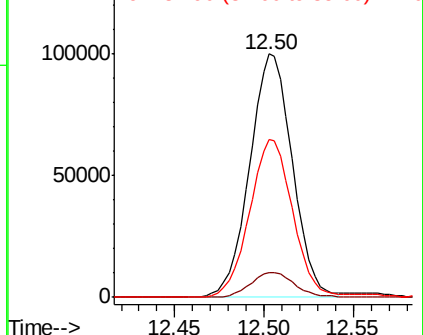
85 65.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.21 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051113.D

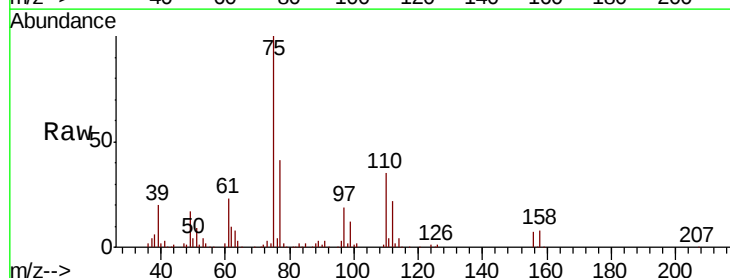
Acq: 11 Sep 2018 9:27

Tgt Ion: 75 Resp: 193043

Ion Ratio Lower Upper

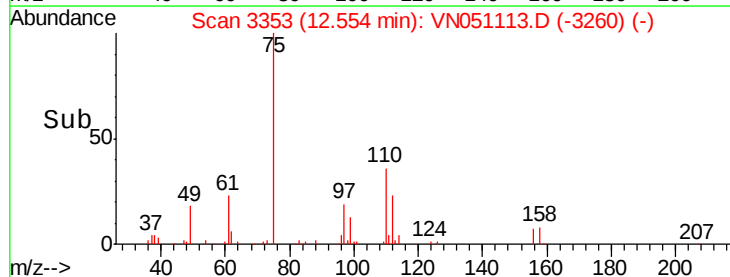
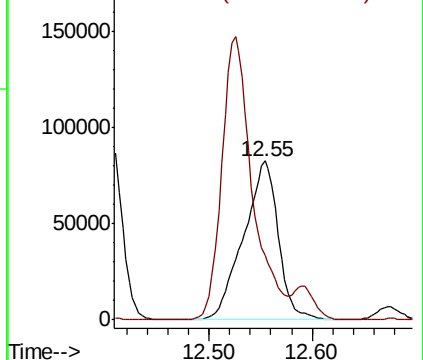
75 100

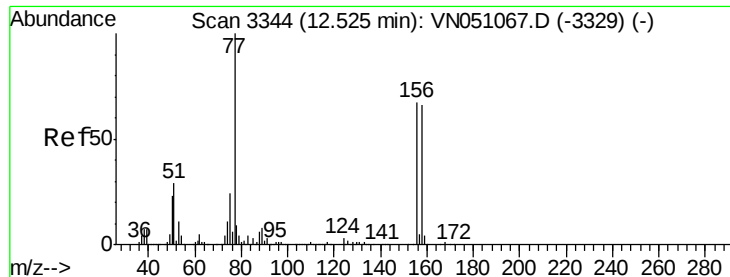
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.86 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

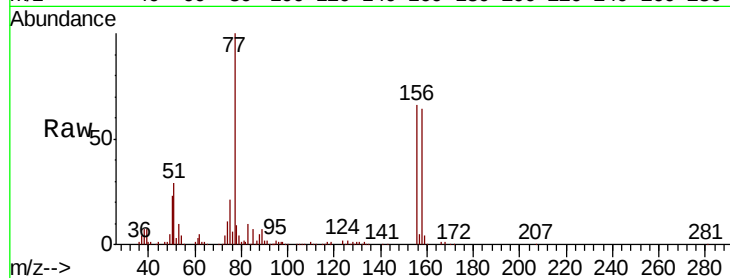
Tot Ion:156 Resp: 171771

Ion Ratio Lower Upper

156 100

77 177.0 87.5 262.6

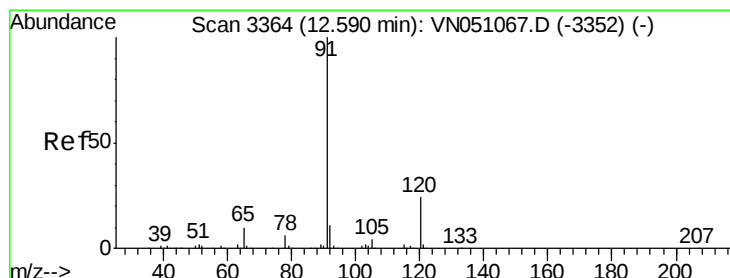
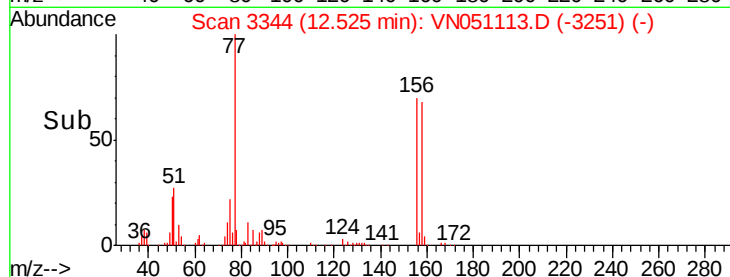
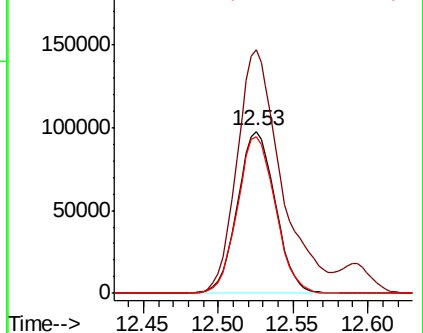
158 97.2 49.0 147.2



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: 19.86 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051113.D

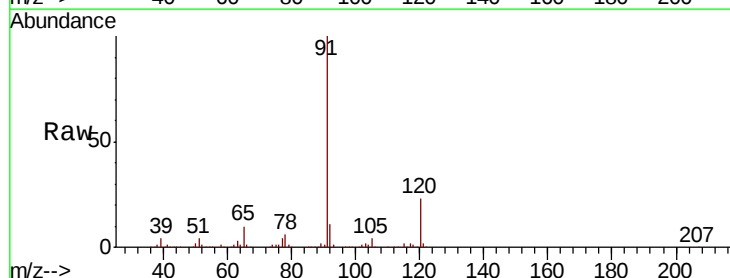
Acq: 11 Sep 2018 9:27

Tgt Ion: 91 Resp: 740076

Ion Ratio Lower Upper

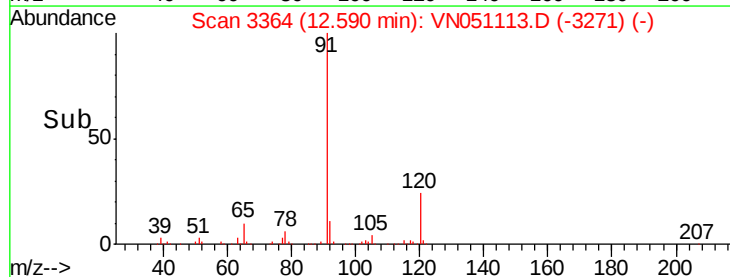
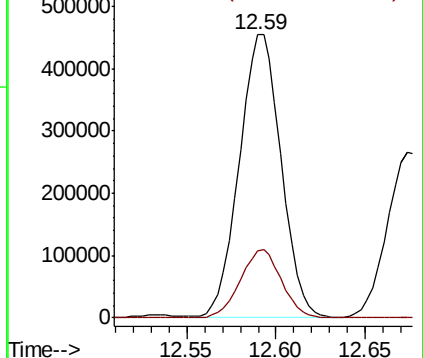
91 100

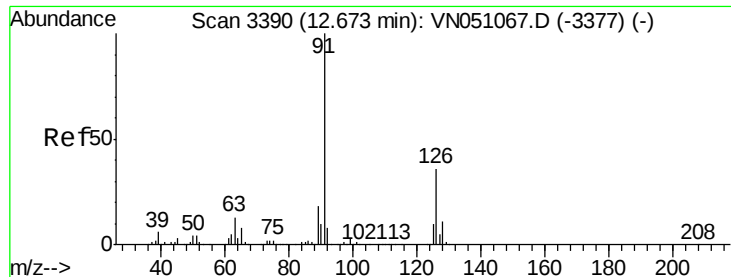
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.42 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

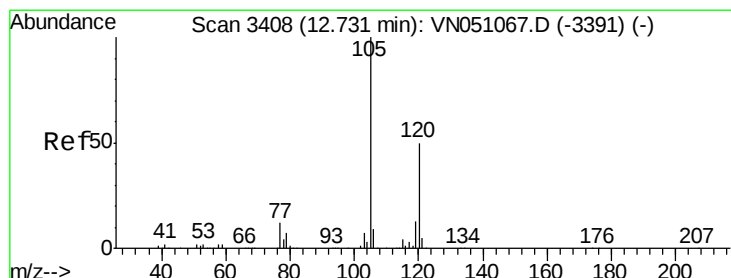
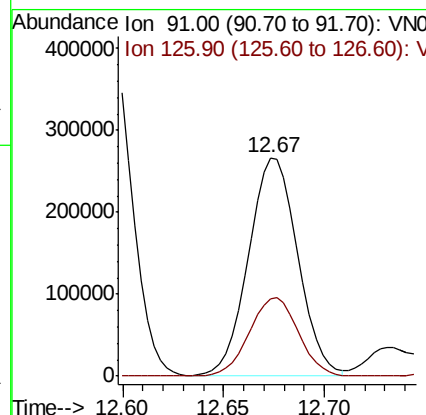
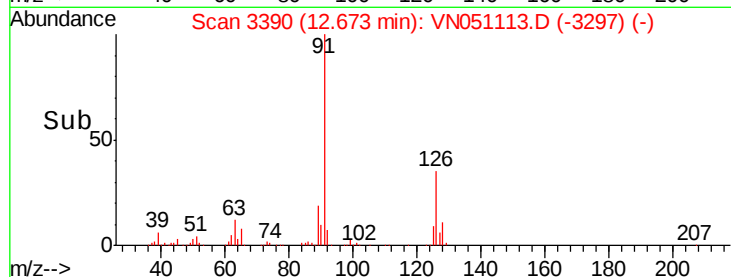
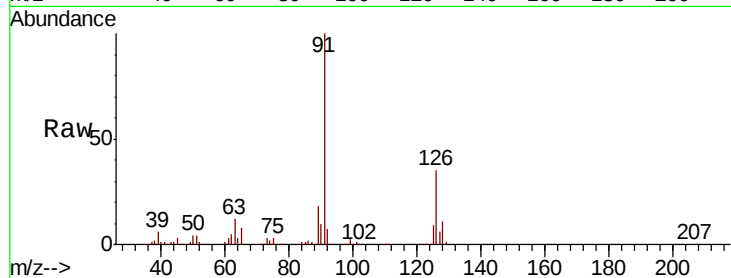
VN0911WBS01

Tot Ion: 91 Resp: 452300

Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 19.96 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051113.D

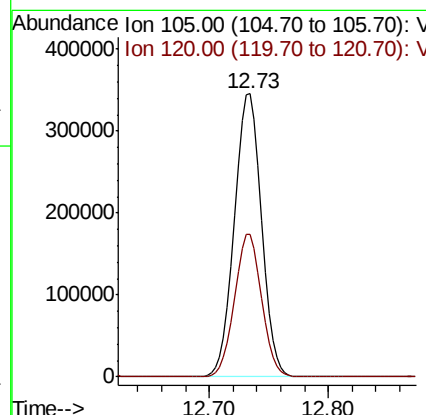
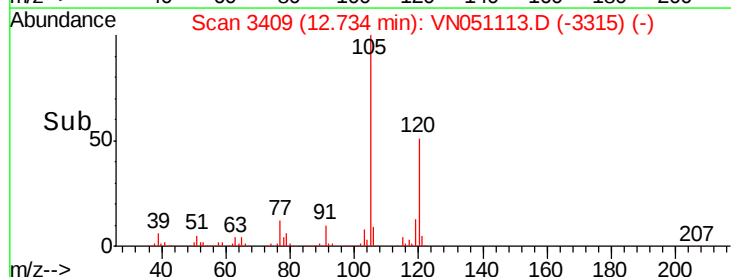
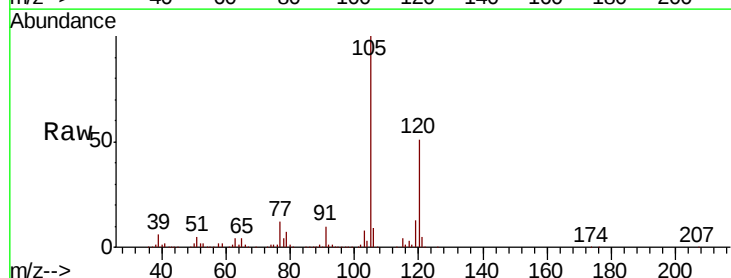
Acq: 11 Sep 2018 9:27

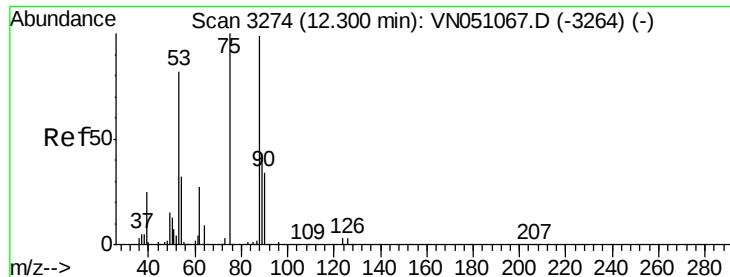
Tgt Ion: 105 Resp: 547098

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.45 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

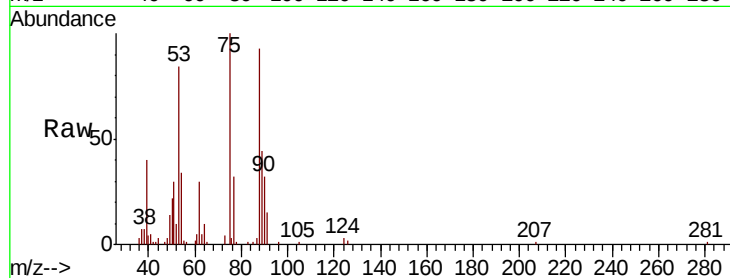
Tot Ion: 75 Resp: 39289

Ion Ratio Lower Upper

75 100

53 87.5 67.8 101.8

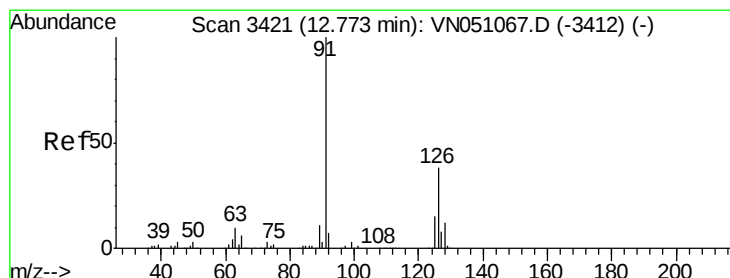
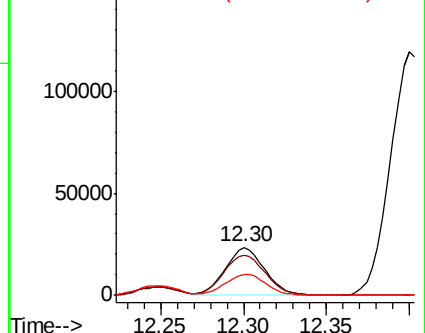
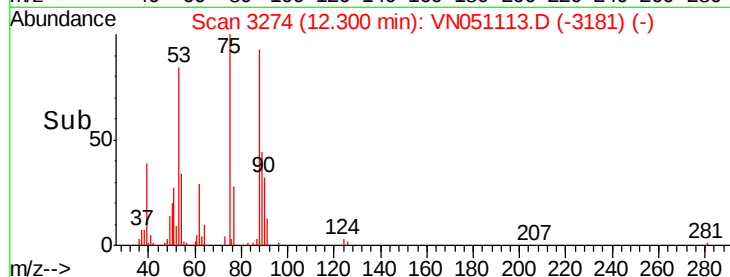
89 44.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.23 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051113.D

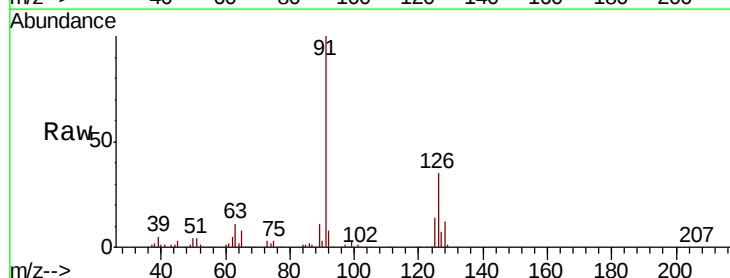
Acq: 11 Sep 2018 9:27

Tgt Ion: 91 Resp: 444687

Ion Ratio Lower Upper

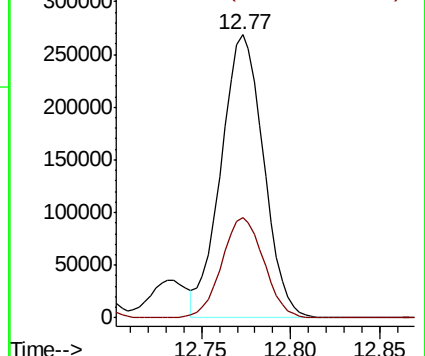
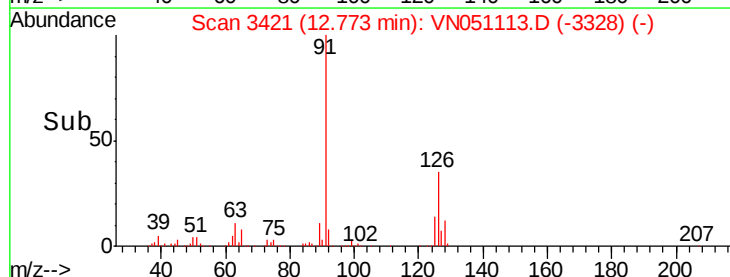
91 100

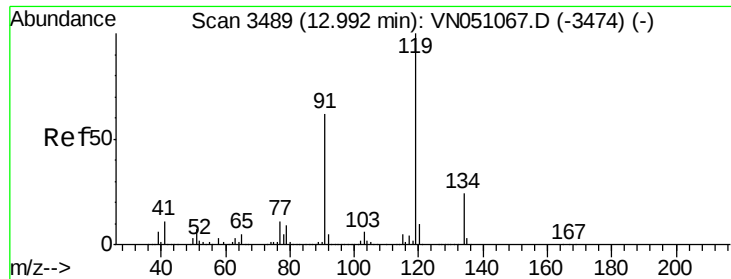
126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

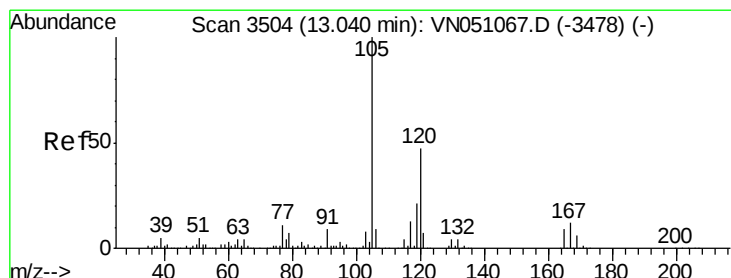
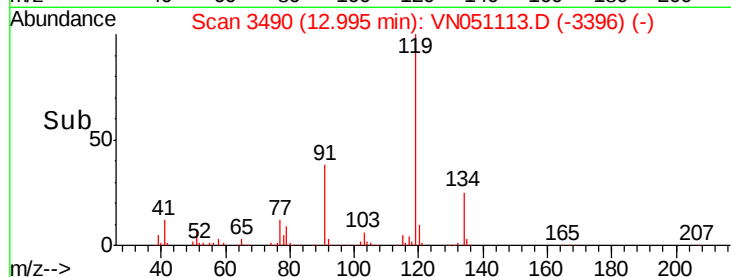
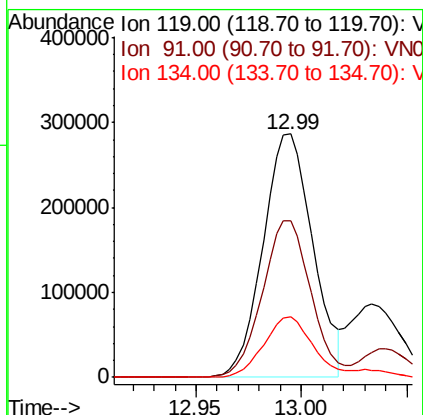
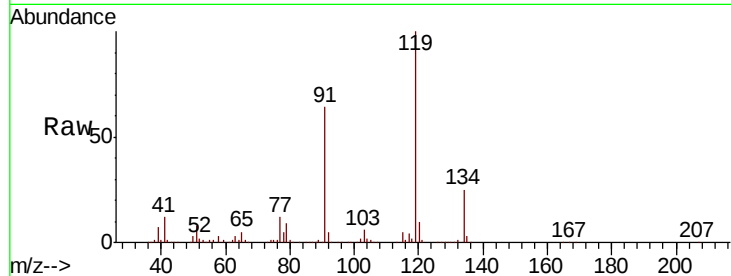




#83
 tert-Butylbenzene
 Concen: 19.45 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

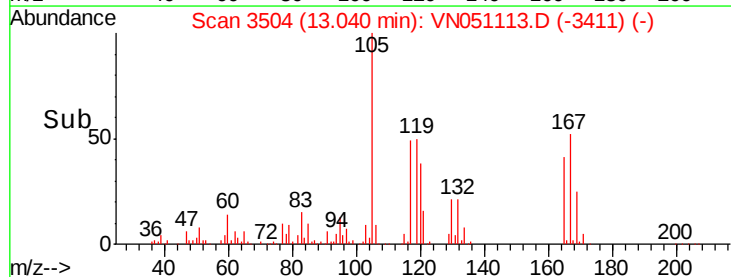
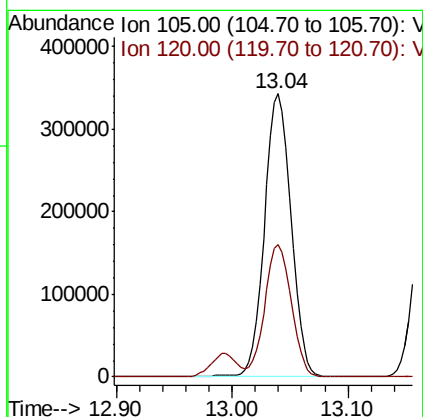
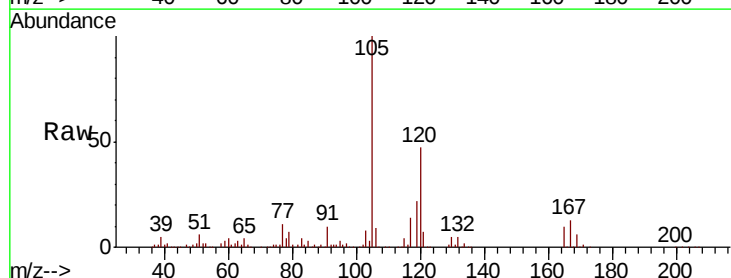
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

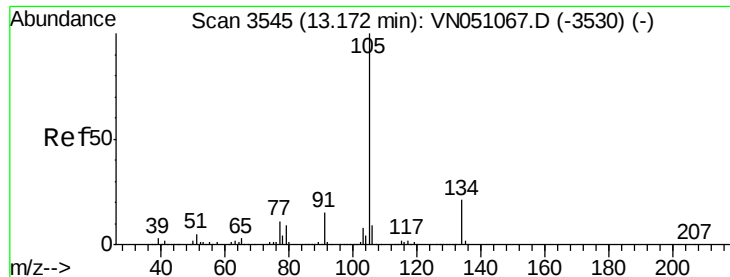
Tot Ion:119 Resp: 470796
 Ion Ratio Lower Upper
 119 100
 91 62.7 30.8 92.3
 134 24.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.32 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion:105 Resp: 547712
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8

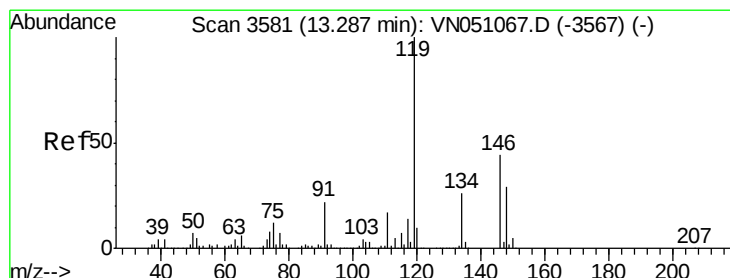
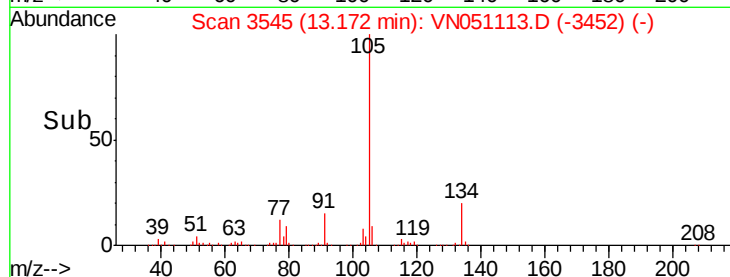
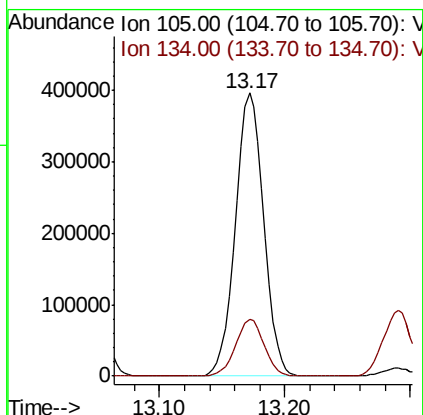
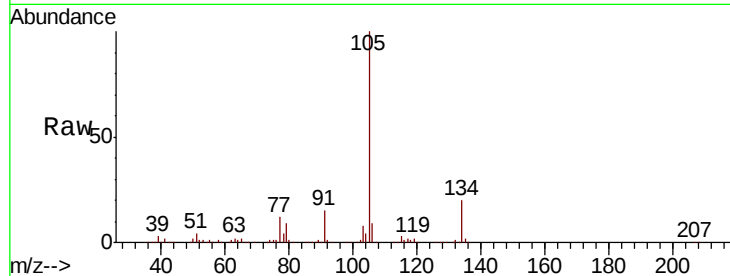




#85
 sec-Butylbenzene
 Concen: 19.95 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

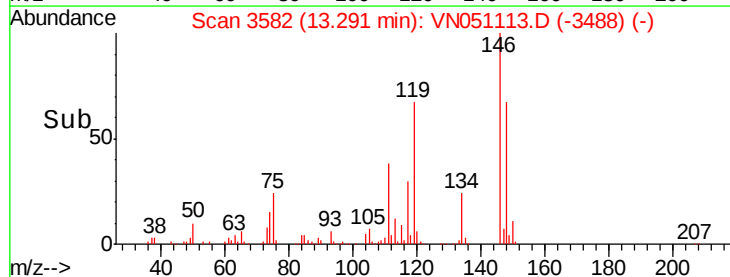
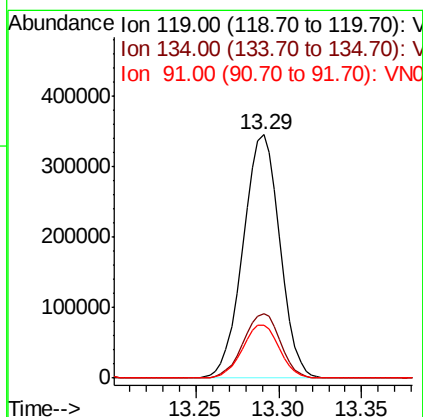
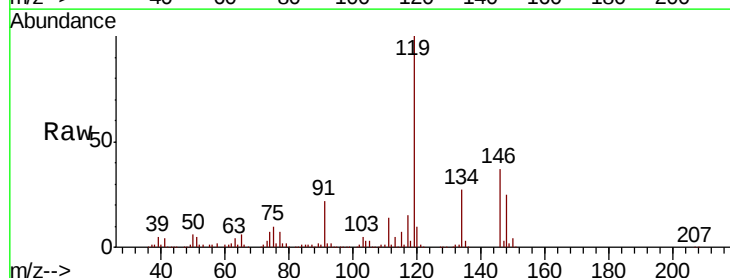
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

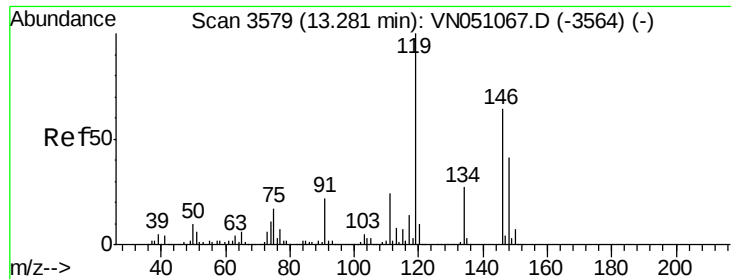
Tot Ion:105 Resp: 619323
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.16 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion:119 Resp: 530683
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.0 10.9 32.9

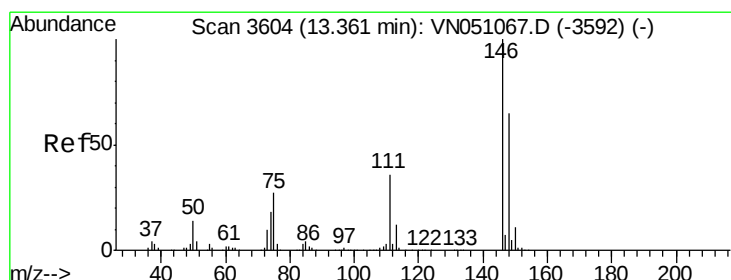
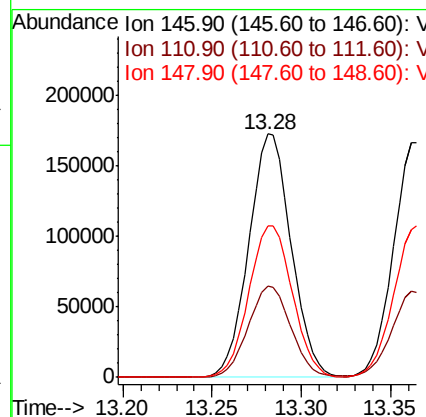
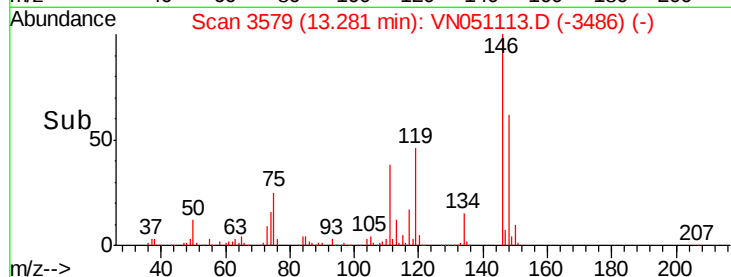
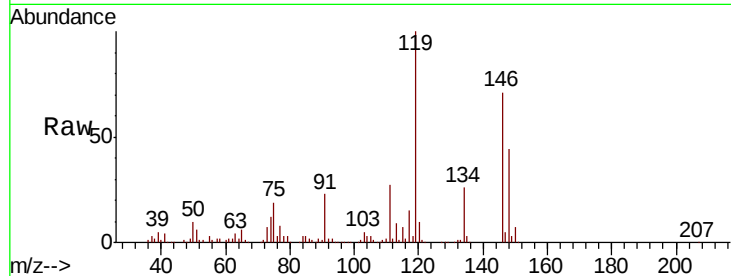




#87
 1,3-Dichlorobenzene
 Concen: 18.53 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

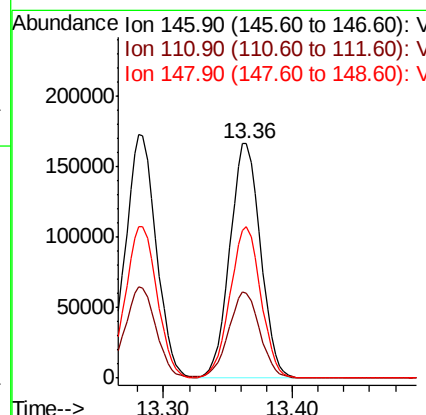
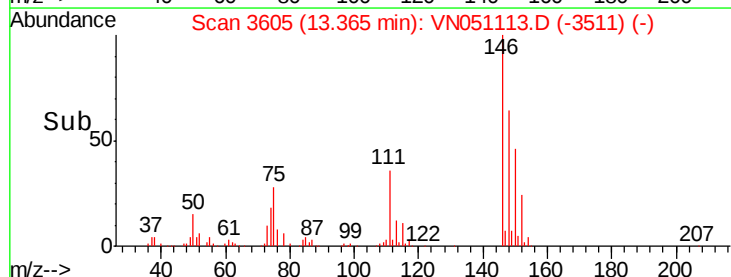
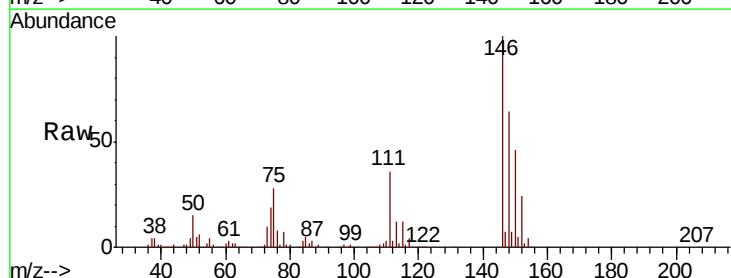
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

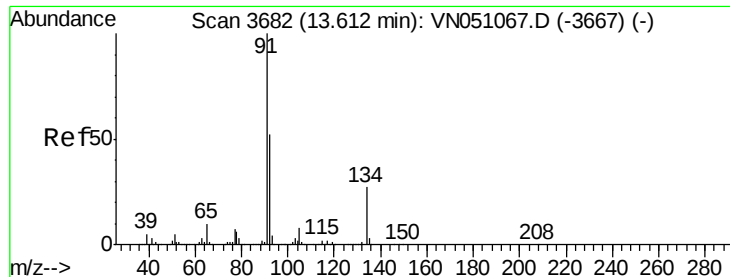
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	64.1	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.39 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.0
148	64.5	32.2	96.6





#89

n-Butylbenzene

Concen: 18.86 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

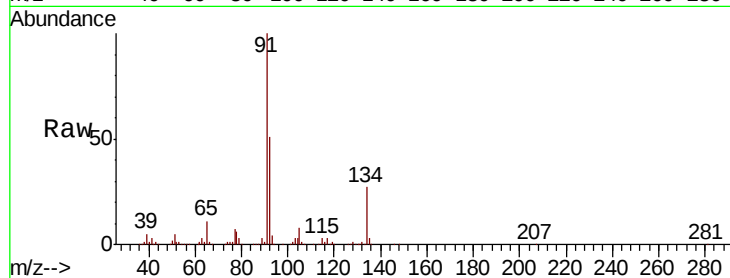
Tot Ion: 91 Resp: 386283

Ion Ratio Lower Upper

91 100

92 51.0 26.2 78.6

134 26.6 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VN051113.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051113.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051113.D (-3667) (-)

13.62

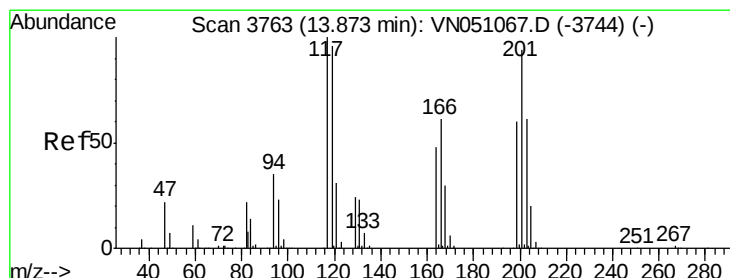
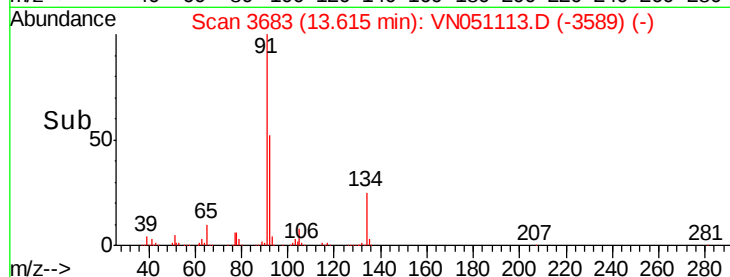
300000

200000

100000

0

Time-->



#90

Hexachloroethane

Concen: 19.89 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051113.D

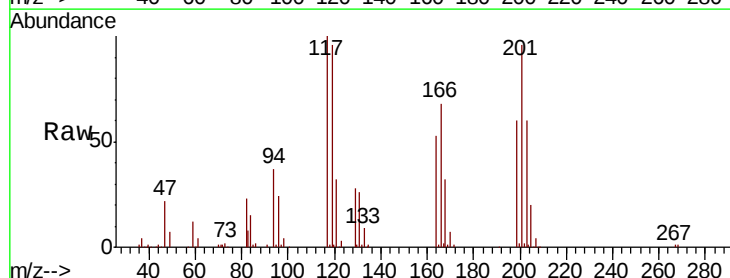
Acq: 11 Sep 2018 9:27

Tgt Ion: 117 Resp: 97069

Ion Ratio Lower Upper

117 100

201 93.6 47.3 142.0



Abundance Ion 116.80 (116.50 to 117.50): VN051113.D (-3744) (-)

Ion 200.70 (200.40 to 201.40): VN051113.D (-3744) (-)

13.88

60000

50000

40000

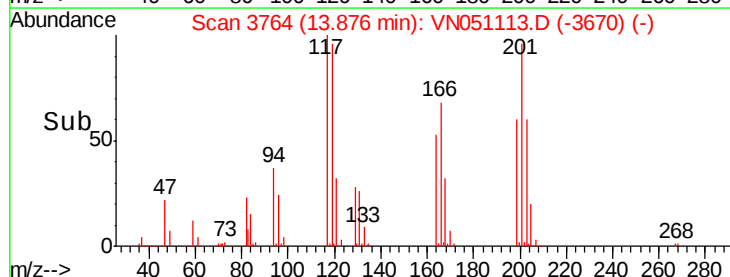
30000

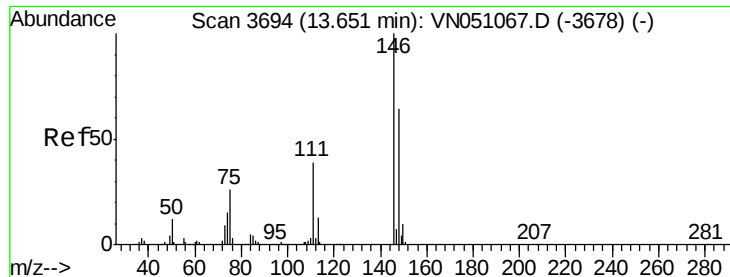
20000

10000

0

Time-->

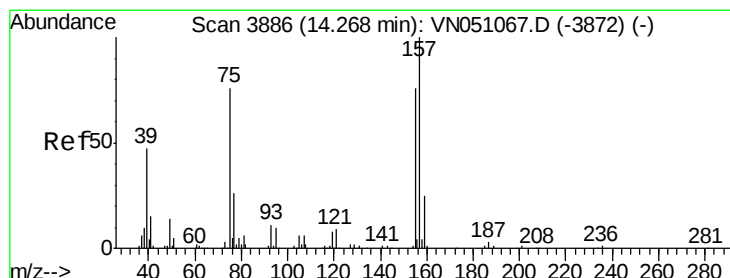
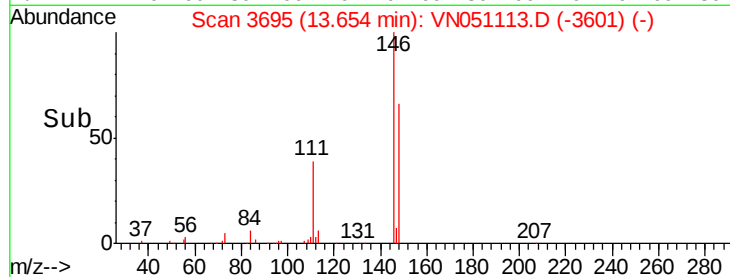
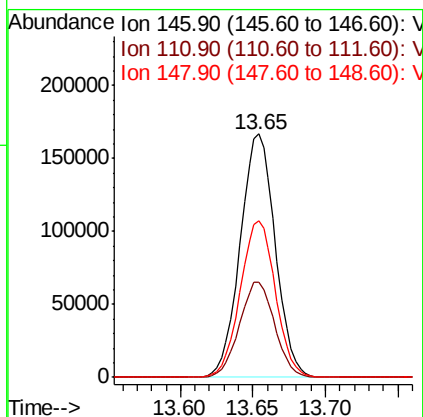
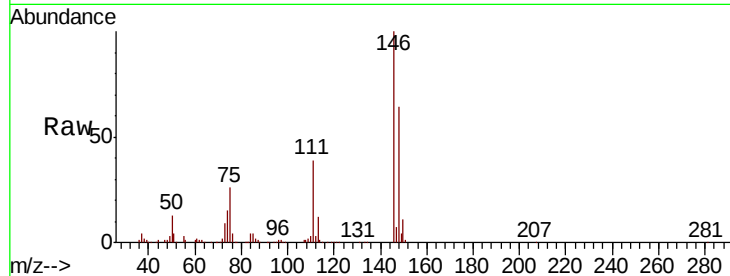




#91
 1,2-Dichlorobenzene
 Concen: 18.56 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

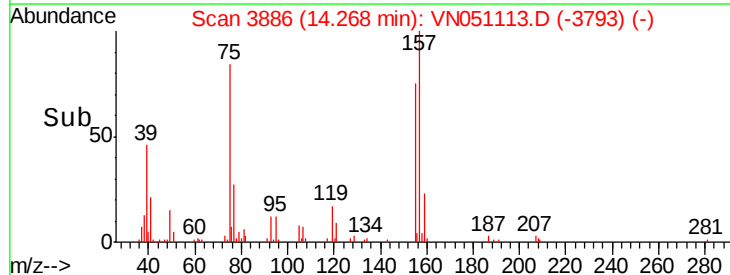
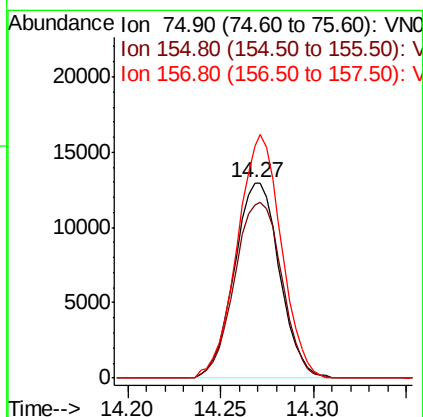
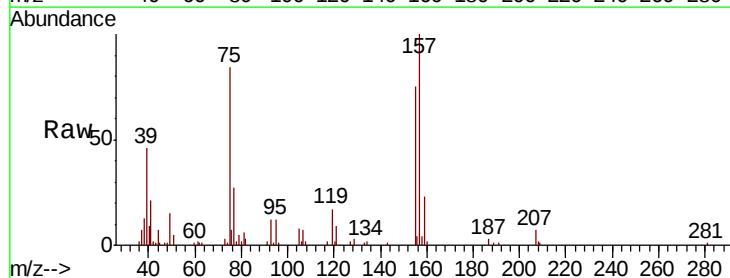
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

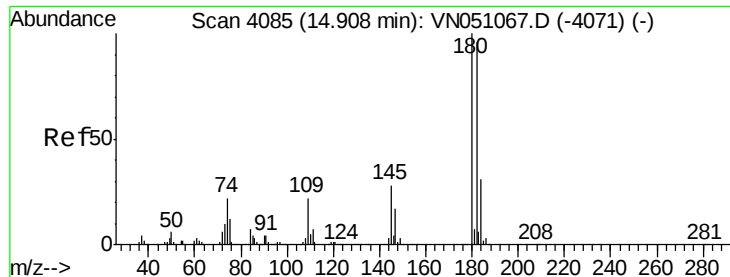
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.0
148	64.6	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.43 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	48.7	146.1
157	121.2	63.6	190.9

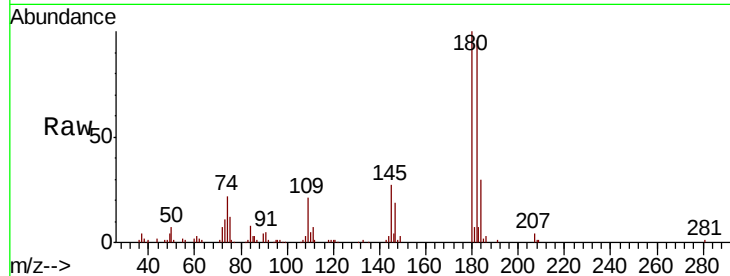




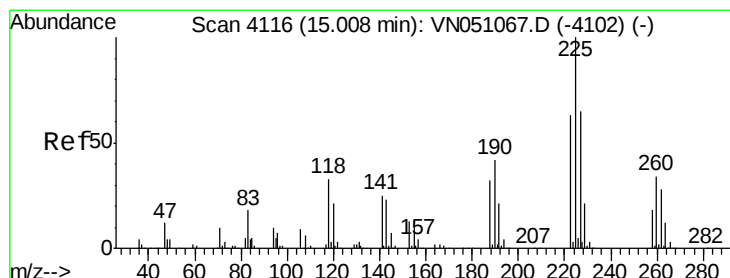
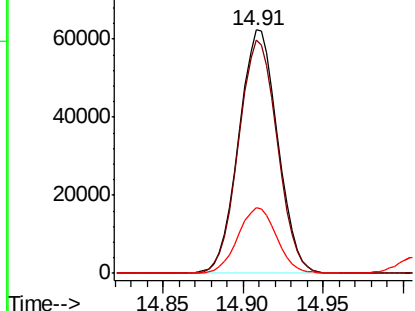
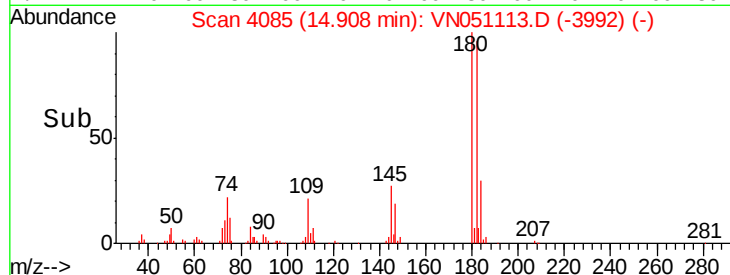
#93
 1,2,4-Trichlorobenzene
 Concen: 17.05 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	141.8
145	26.8	14.2	42.6

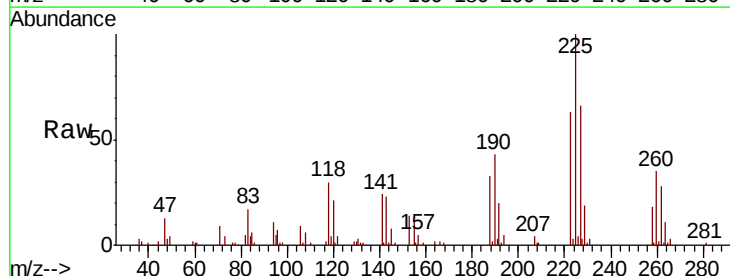


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

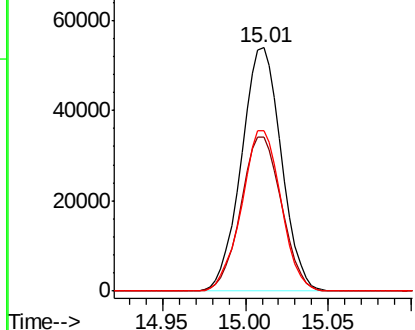
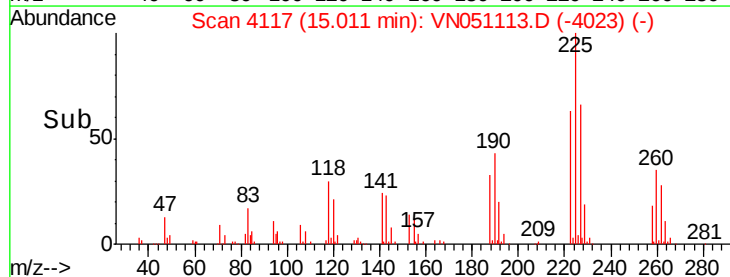


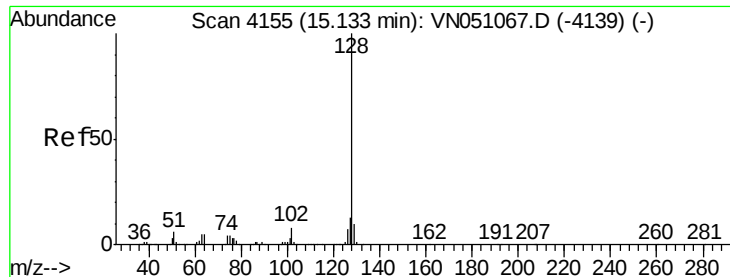
#94
 Hexachlorobutadiene
 Concen: 19.56 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051113.D
 Acq: 11 Sep 2018 9:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.4	94.0
227	65.1	32.1	96.3



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: 16.68 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS01

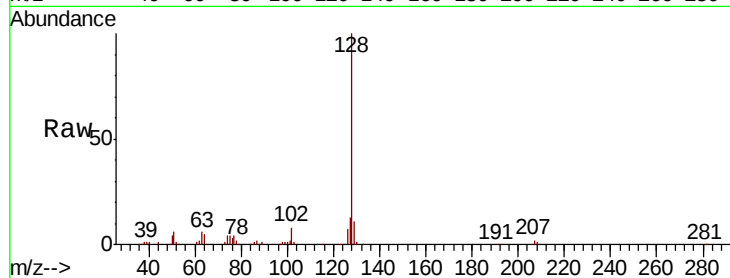
Tot Ion:128 Resp: 193084

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

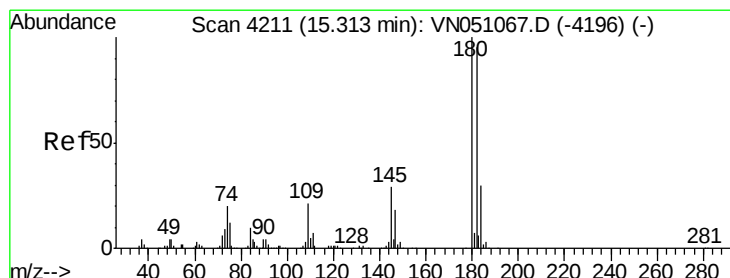
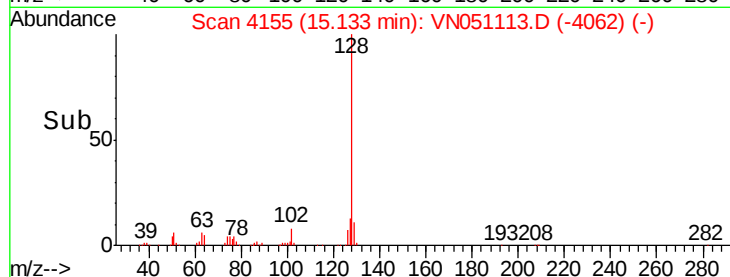
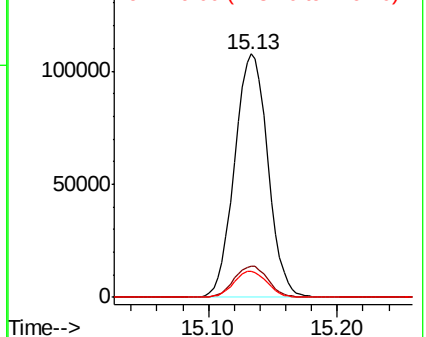
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.57 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051113.D

Acq: 11 Sep 2018 9:27

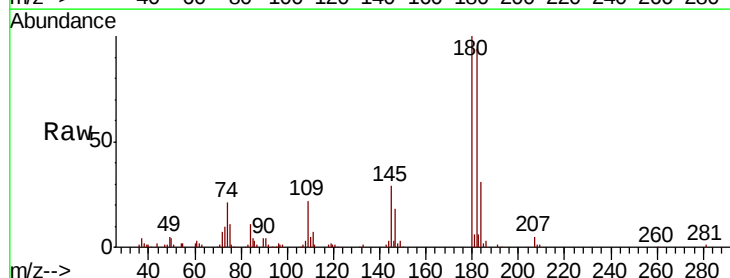
Tgt Ion:180 Resp: 108016

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

145 29.5 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

