

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050052.D
 Acq On : 25 Jul 2018 19:20
 Operator : MD\SY
 Sample : VN0725WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

Quant Time: Jul 26 06:55:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	596788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	884150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	802956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	425217	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	374461	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	10.09	98	1375801	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.40	95	435865	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	180980	21.11	ug/l	99
3) Chloromethane	2.06	50	186151	19.97	ug/l	100
4) Vinyl Chloride	2.18	62	191792	19.54	ug/l	99
5) Bromomethane	2.56	94	119707	21.39	ug/l	100
6) Chloroethane	2.70	64	113854	19.31	ug/l	99
7) Trichlorofluoromethane	3.01	101	251582	19.79	ug/l	98
8) Diethyl Ether	3.41	74	83828	19.77	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	145588	19.04	ug/l	100
10) Methyl Iodide	3.95	142	181746	18.52	ug/l	100
11) Tert butyl alcohol	4.81	59	60986	99.54	ug/l	99
12) 1,1-Dichloroethene	3.73	96	133814	19.45	ug/l	96
13) Acrolein	3.61	56	36304	73.75	ug/l	98
14) Allyl chloride	4.32	41	208440	19.54	ug/l	99
15) Acrylonitrile	4.99	53	262441	98.18	ug/l	100
16) Acetone	3.82	43	197793	98.21	ug/l	97
17) Carbon Disulfide	4.05	76	398644	18.92	ug/l	100
18) Methyl Acetate	4.33	43	164637	20.62	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	369652	20.17	ug/l	100
20) Methylene Chloride	4.55	84	155337	20.30	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	144023	19.76	ug/l	98
22) Diisopropyl ether	5.96	45	443293	20.96	ug/l	97
23) Vinyl Acetate	5.90	43	1473705	98.61	ug/l	99
24) 1,1-Dichloroethane	5.85	63	275182	19.90	ug/l	99
25) 2-Butanone	6.85	43	312375	98.36	ug/l	100
26) 2,2-Dichloropropane	6.83	77	195713	18.60	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	155613	19.83	ug/l	98
28) Bromochloromethane	7.20	49	124645	19.76	ug/l	100
29) Tetrahydrofuran	7.22	42	201780	98.32	ug/l	100
30) Chloroform	7.38	83	279169	19.78	ug/l	98
31) Cyclohexane	7.66	56	223747	19.47	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	237525	19.68	ug/l	99
36) 1,1-Dichloropropene	7.80	75	201482	20.23	ug/l	99
37) Ethyl Acetate	6.94	43	139629	20.10	ug/l	99
38) Carbon Tetrachloride	7.78	117	209480	19.82	ug/l	97

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Quant Time: Jul 26 06:55:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	197022	19.23	ug/l	95
40) Benzene	8.05	78	616674	20.34	ug/l	99
41) Methacrylonitrile	7.17	41	66281	20.07	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	205508	20.32	ug/l	100
43) Isopropyl Acetate	8.17	43	255538	18.81	ug/l	99
44) Trichloroethene	8.84	130	160932	19.76	ug/l	100
45) 1,2-Dichloropropane	9.12	63	162395	20.23	ug/l	96
46) Dibromomethane	9.21	93	100845	20.23	ug/l	99
47) Bromodichloromethane	9.41	83	211009	20.05	ug/l	99
48) Methyl methacrylate	9.20	41	118420	19.80	ug/l	98
49) 1,4-Dioxane	9.20	88	33718	414.24	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	704866	103.24	ug/l	99
52) Toluene	10.16	92	374391	20.92	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	197227	19.86	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	228480	20.14	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	145504	20.50	ug/l	99
56) Ethyl methacrylate	10.43	69	169024	18.90	ug/l	99
57) 1,3-Dichloropropane	10.71	76	233836	20.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	400190	94.59	ug/l	99
59) 2-Hexanone	10.76	43	456314	94.25	ug/l	100
60) Dibromochloromethane	10.90	129	158234	20.14	ug/l	99
61) 1,2-Dibromoethane	11.01	107	139569	19.82	ug/l	98
64) Tetrachloroethene	10.63	164	153564	19.89	ug/l	99
65) Chlorobenzene	11.44	112	403321	19.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	153513	19.70	ug/l	99
67) Ethyl Benzene	11.51	91	654398	20.09	ug/l	100
68) m/p-Xylenes	11.62	106	519322	42.14	ug/l	98
69) o-Xylene	11.95	106	243157	20.70	ug/l	99
70) Styrene	11.97	104	387508	19.13	ug/l	99
71) Bromoform	12.13	173	111787	19.72	ug/l #	100
73) Isopropylbenzene	12.25	105	648441	20.96	ug/l	100
74) N-amyl acetate	12.07	43	180484	19.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	184020	21.25	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	216008	29.14	ug/l #	100
77) Bromobenzene	12.53	156	171772	20.03	ug/l	99
78) n-propylbenzene	12.59	91	739412	21.38	ug/l	100
79) 2-Chlorotoluene	12.68	91	451321	21.06	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	533184	21.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44784	19.16	ug/l	95
82) 4-Chlorotoluene	12.78	91	447814	21.10	ug/l	99
83) tert-Butylbenzene	13.00	119	451664	21.27	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	549975	22.42	ug/l	99
85) sec-Butylbenzene	13.17	105	608125	21.43	ug/l	100
86) p-Isopropyltoluene	13.29	119	515324	21.55	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	291615	20.06	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	283445	20.01	ug/l	99
89) n-Butylbenzene	13.62	91	390628	19.87	ug/l	100
90) Hexachloroethane	13.88	117	100879	19.00	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	298482	20.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28072	19.88	ug/l	99

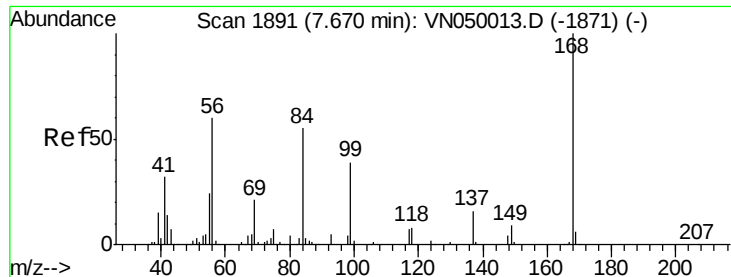
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
Data File : VN050052.D
Acq On : 25 Jul 2018 19:20
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Sample : VN0725WBSD02
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Instrument :
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Quant Time: Jul 26 06:55:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	126061	18.43	ug/l	98
94) Hexachlorobutadiene	15.01	225	91023	20.46	ug/l	97
95) Naphthalene	15.14	128	268526	17.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	134557	19.34	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

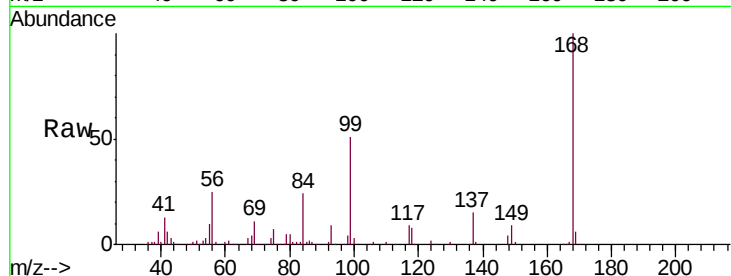
VN0725WBSD02

Tot Ion:168 Resp: 596788

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

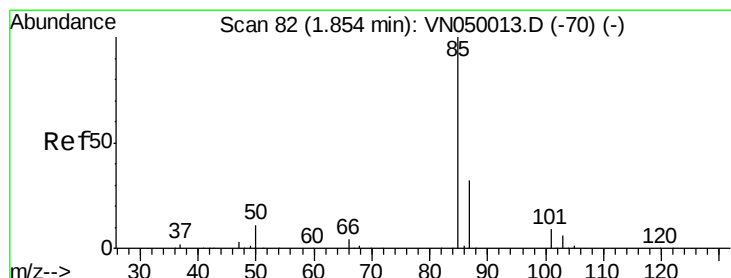
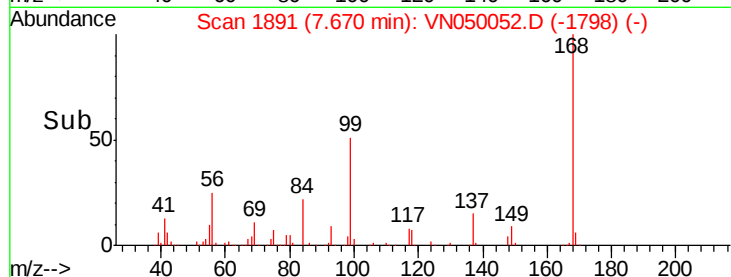
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.11 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050052.D

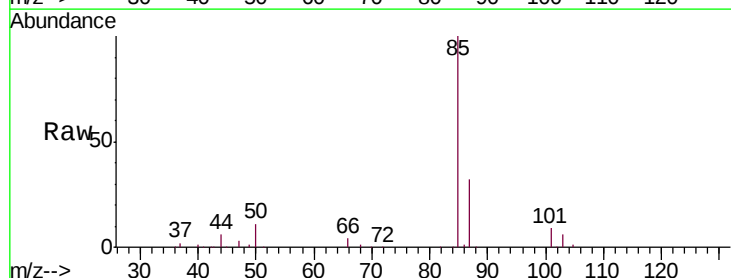
Acq: 25 Jul 2018 19:20

Tgt Ion: 85 Resp: 180980

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

150000

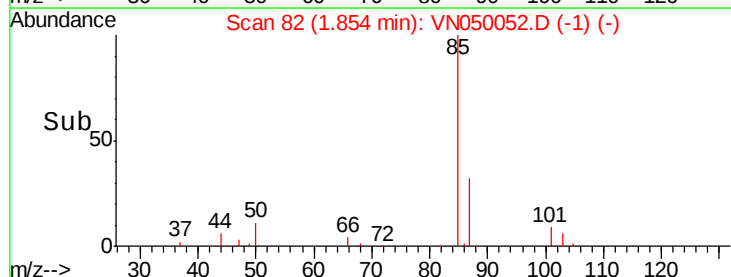
100000

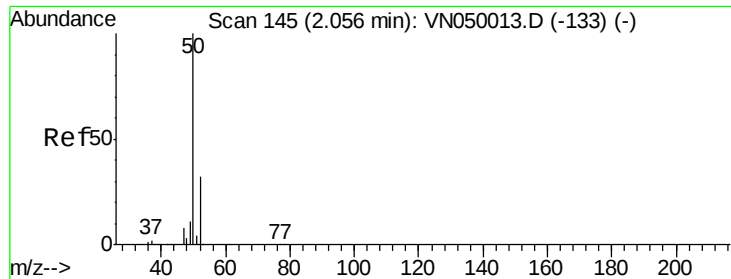
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.97 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

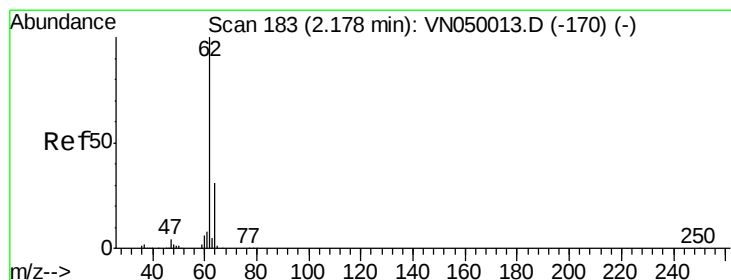
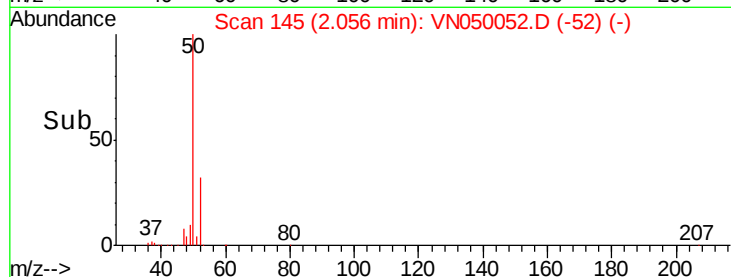
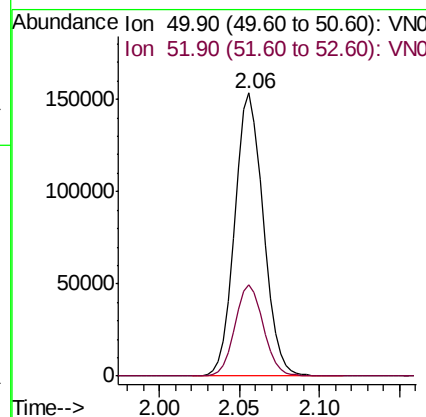
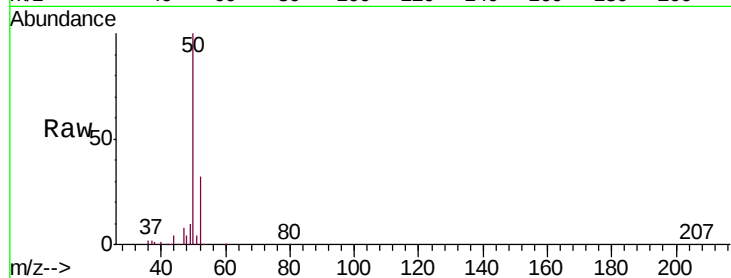
VN0725WBSD02

Tot Ion: 50 Resp: 186151

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 19.54 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN050052.D

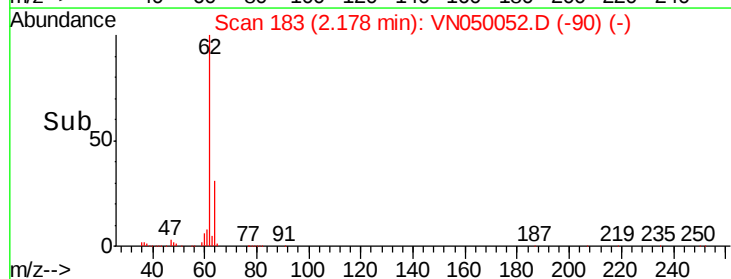
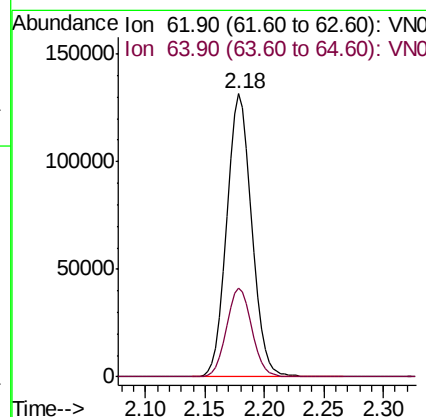
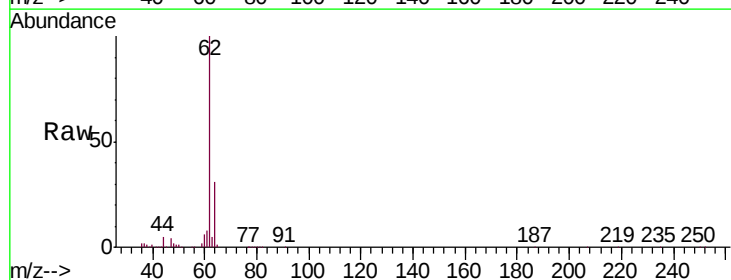
Acq: 25 Jul 2018 19:20

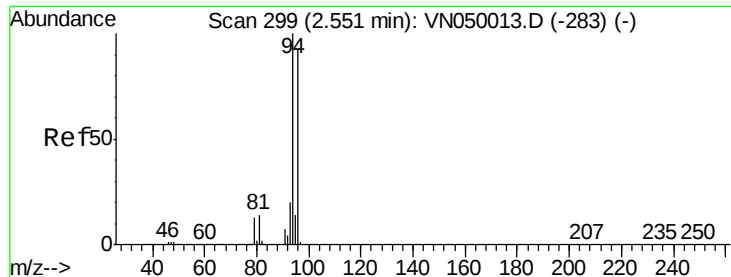
Tgt Ion: 62 Resp: 191792

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1





#5

Bromomethane

Concen: 21.39 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

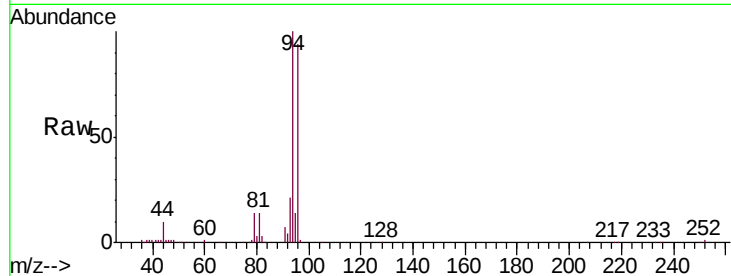
VN0725WBSD02

Tot Ion: 94 Resp: 119707

Ion Ratio Lower Upper

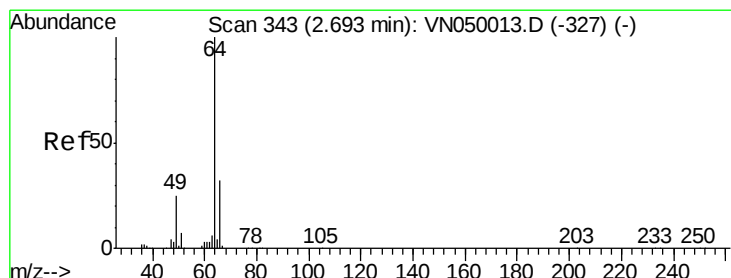
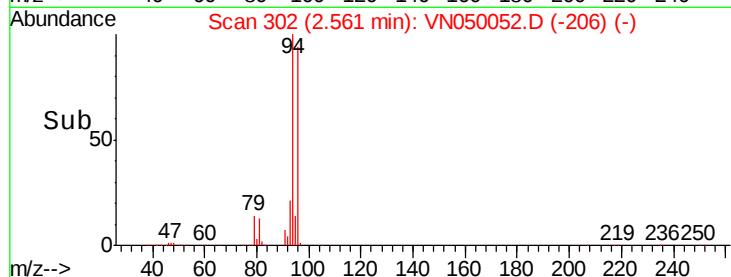
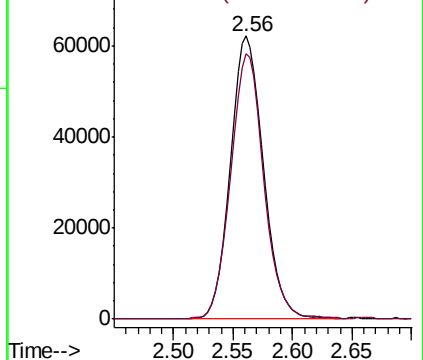
94 100

96 93.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 19.31 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN050052.D

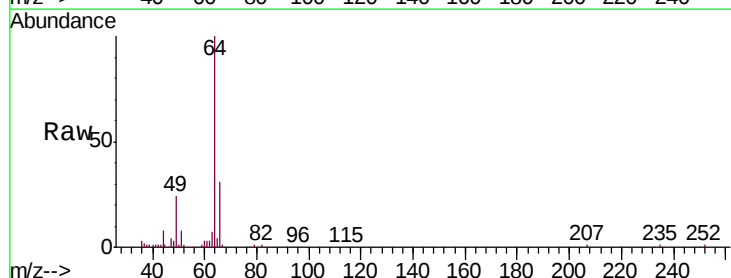
Acq: 25 Jul 2018 19:20

Tgt Ion: 64 Resp: 113854

Ion Ratio Lower Upper

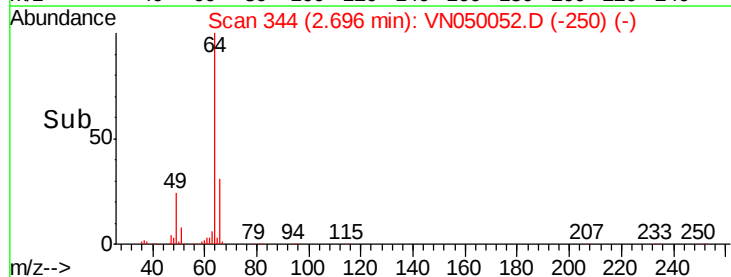
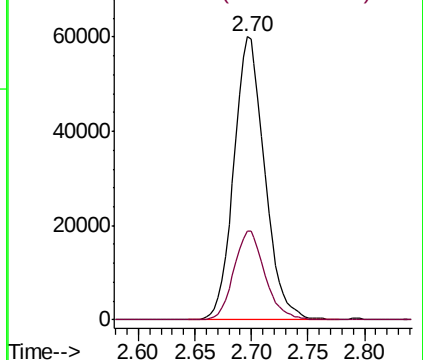
64 100

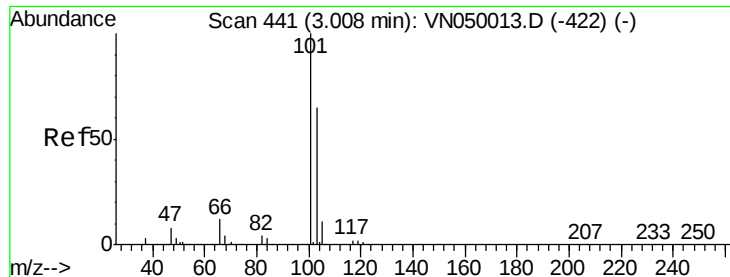
66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC



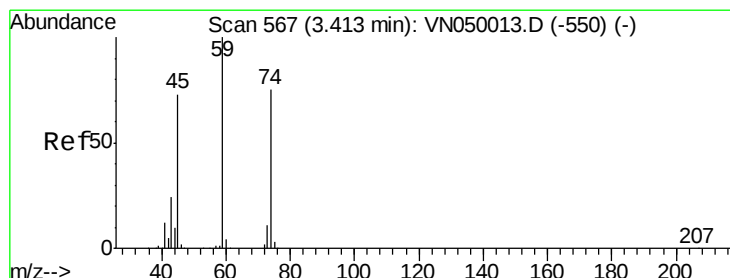
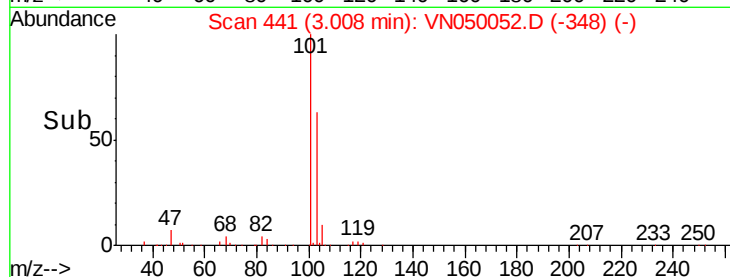
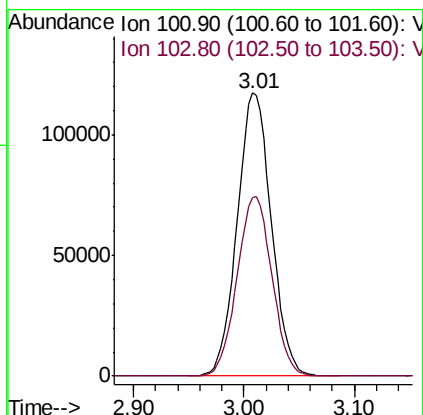
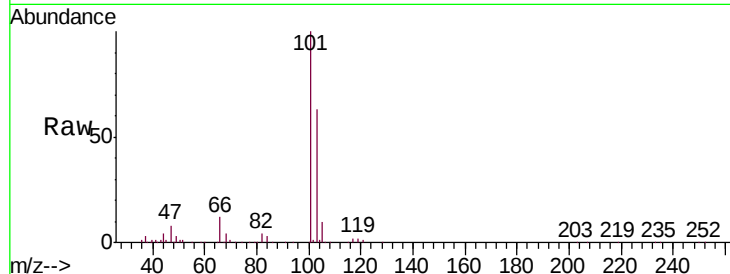


#7

Trichlorofluoromethane
 Concen: 19.79 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

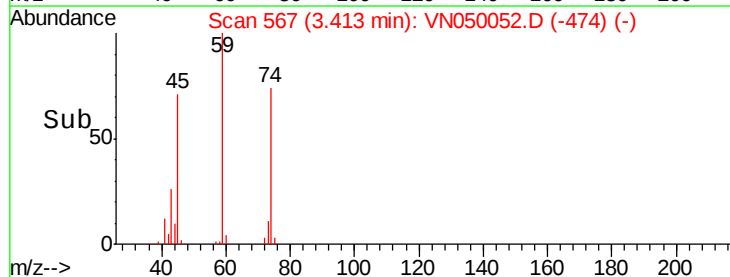
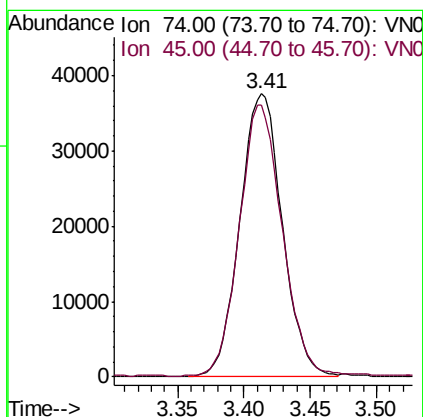
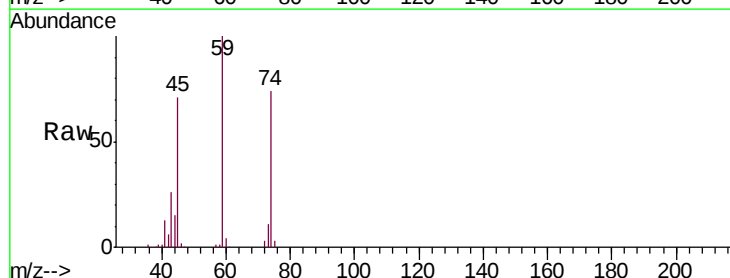
Tot Ion:101 Resp: 251582
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.7 77.5

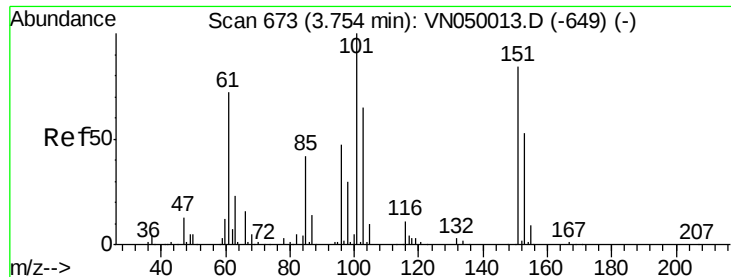


#8

Diethyl Ether
 Concen: 19.77 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Tgt Ion: 74 Resp: 83828
 Ion Ratio Lower Upper
 74 100
 45 98.4 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.04 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

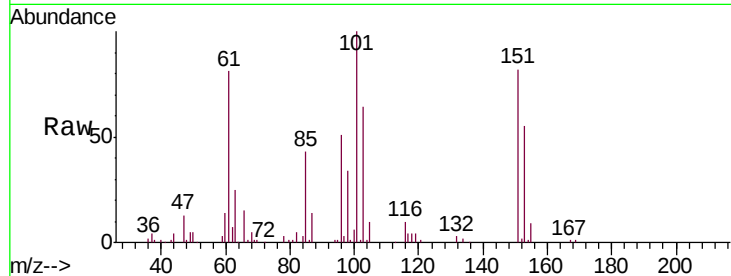
Tot Ion:101 Resp: 145588

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.2

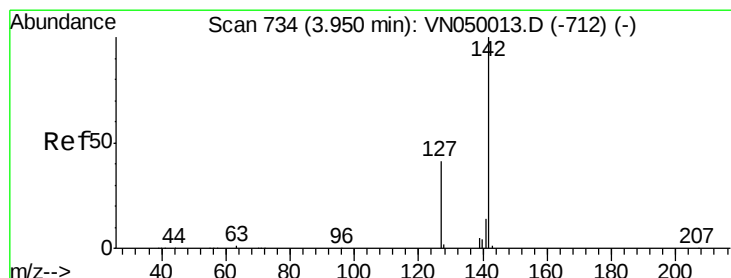
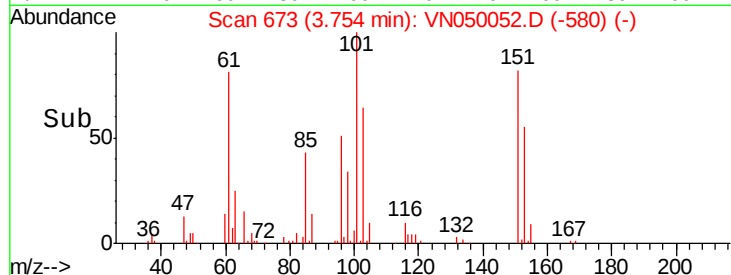
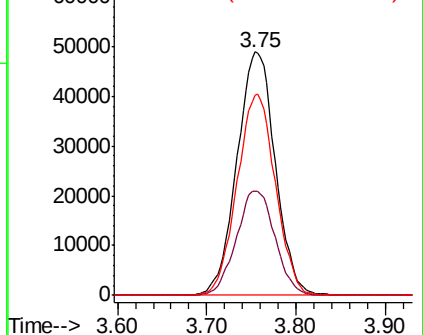
151 82.7 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.52 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

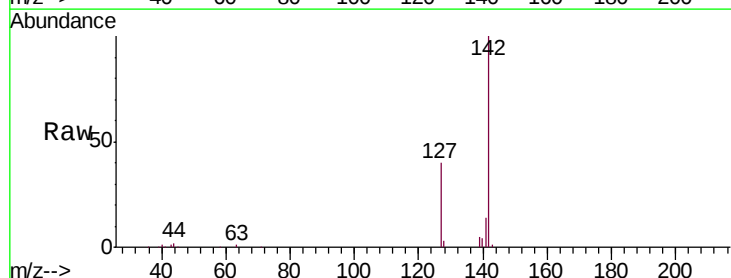
Tgt Ion:142 Resp: 181746

Ion Ratio Lower Upper

142 100

127 42.1 33.4 50.2

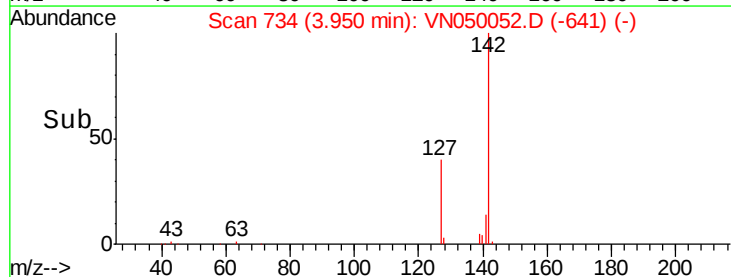
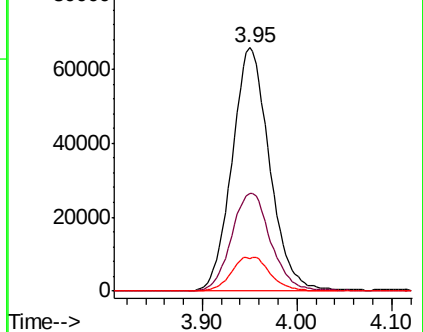
141 14.5 11.6 17.4

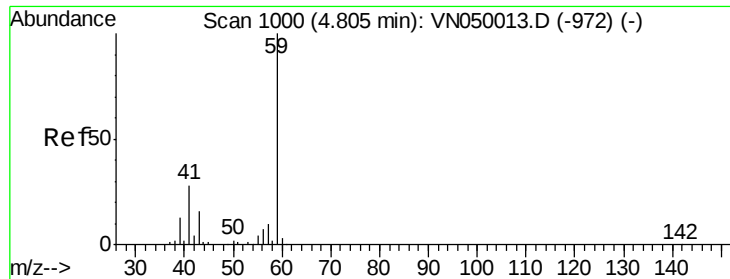


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

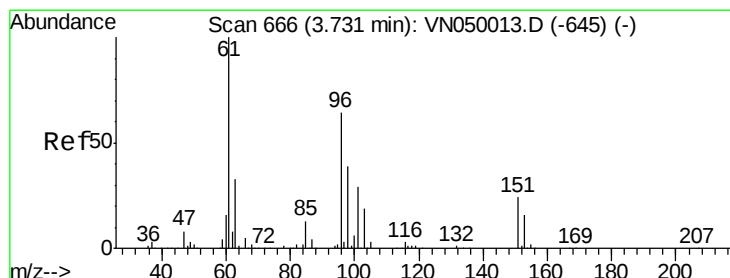
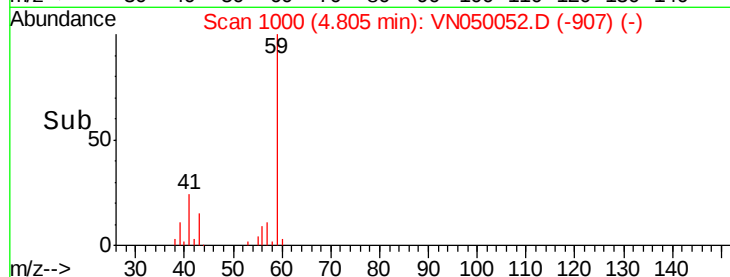
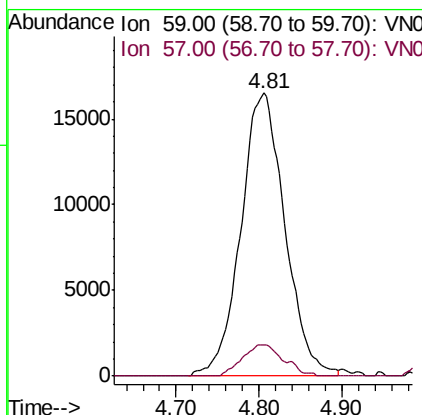
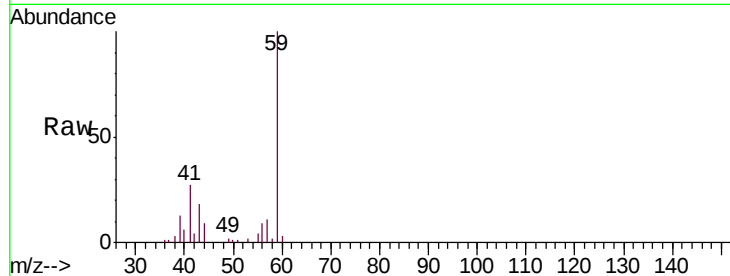




#11
Tert butyl alcohol
Concen: 99.54 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

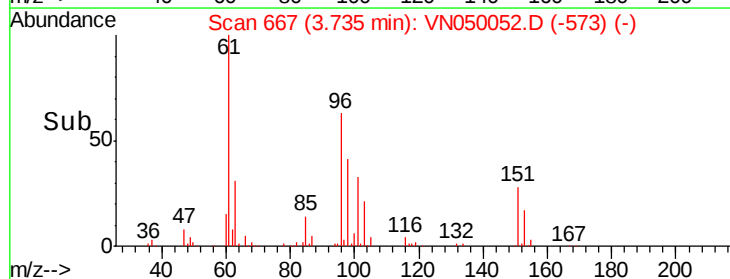
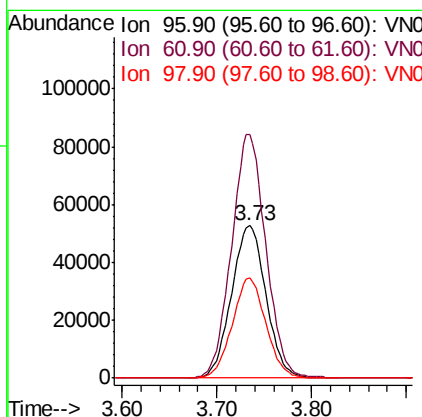
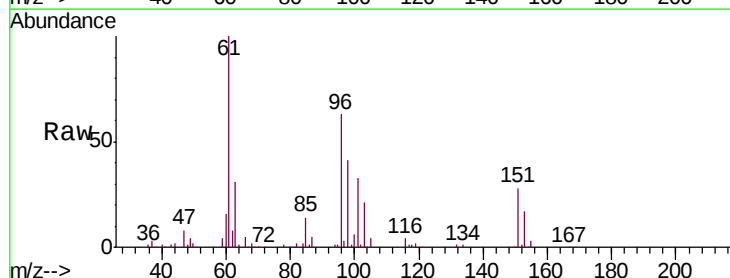
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBSD02

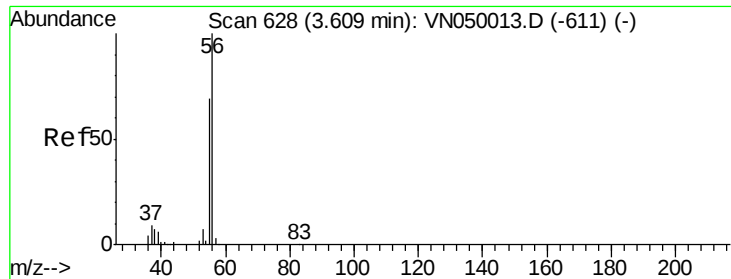
Tot Ion: 59 Resp: 60986
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.45 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion: 96 Resp: 133814
Ion Ratio Lower Upper
96 100
61 159.5 124.4 186.6
98 65.3 48.3 72.5





#13

Acrolein

Concen: 73.75 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

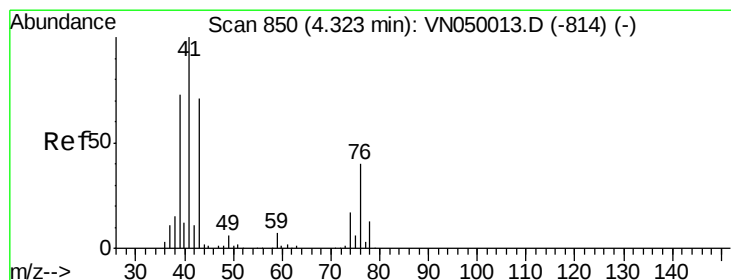
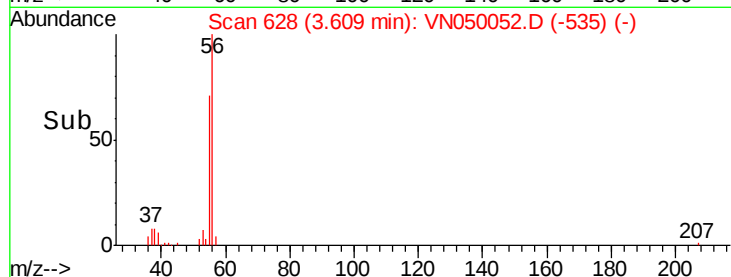
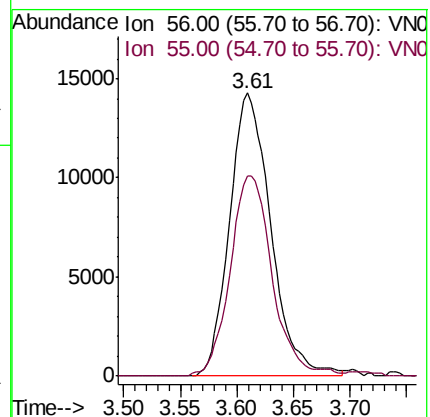
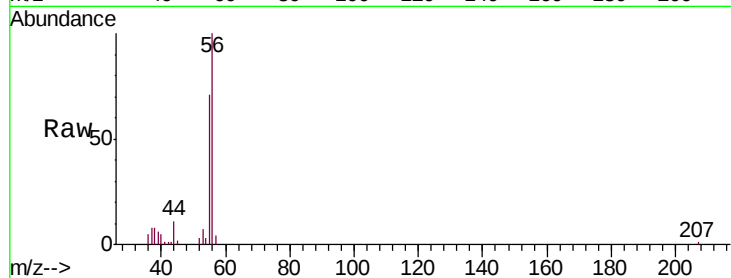
VN0725WBSD02

Tot Ion: 56 Resp: 36304

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.6



#14

Allyl chloride

Concen: 19.54 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

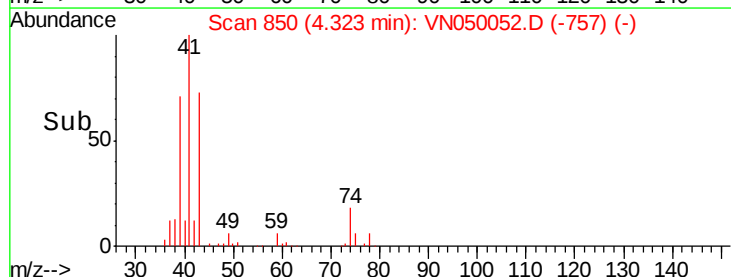
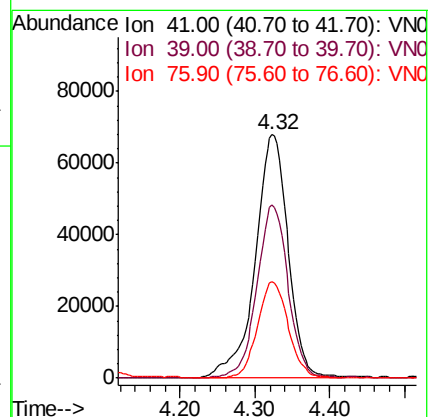
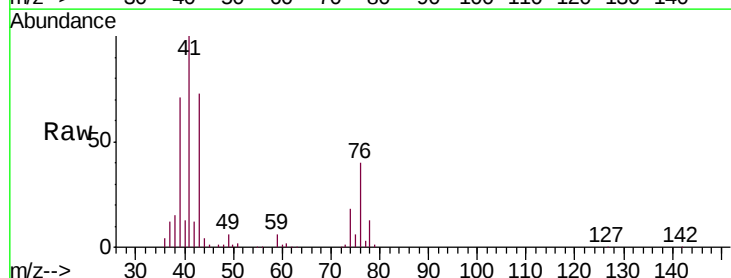
Tgt Ion: 41 Resp: 208440

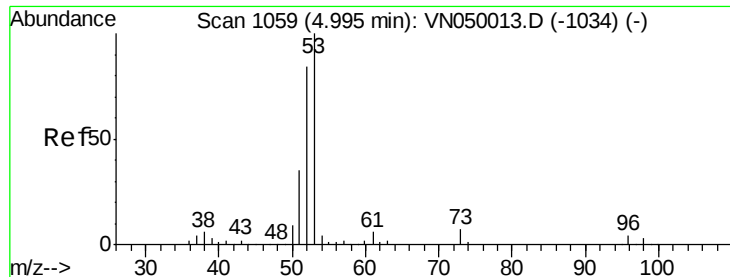
Ion Ratio Lower Upper

41 100

39 67.4 54.2 81.4

76 37.1 29.0 43.6





#15

Acrylonitrile

Concen: 98.18 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

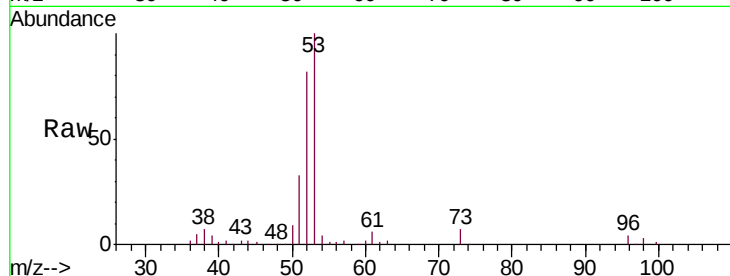
Tot Ion: 53 Resp: 262441

Ion Ratio Lower Upper

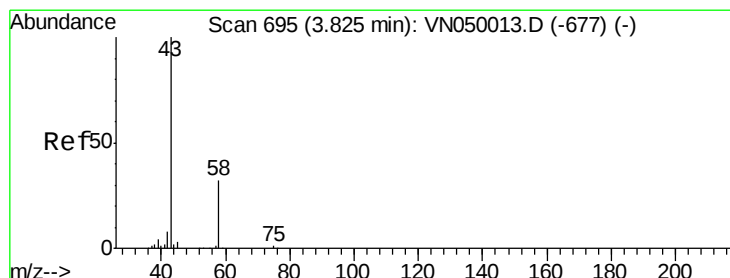
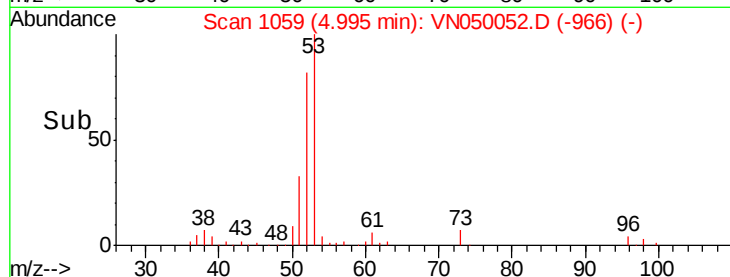
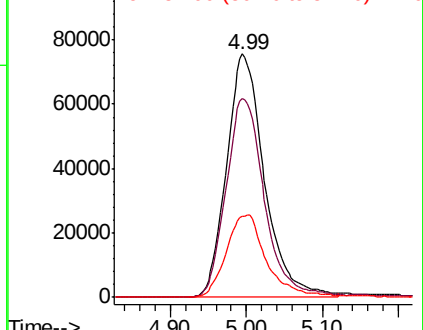
53 100

52 83.0 66.2 99.2

51 36.1 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 98.21 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050052.D

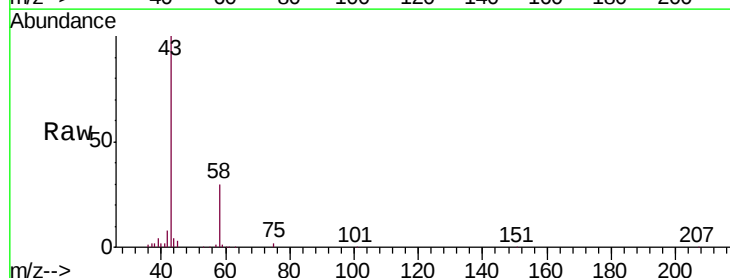
Acq: 25 Jul 2018 19:20

Tgt Ion: 43 Resp: 197793

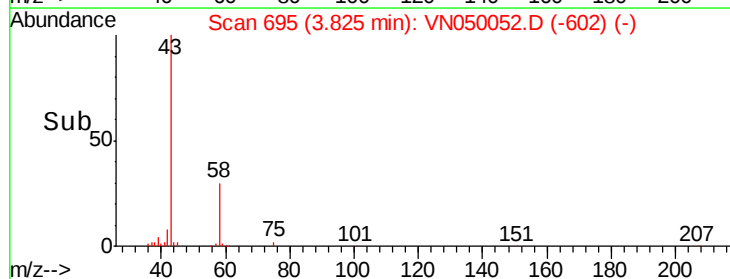
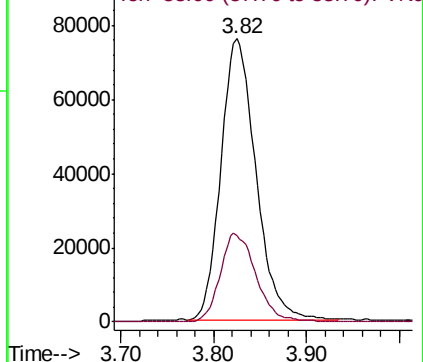
Ion Ratio Lower Upper

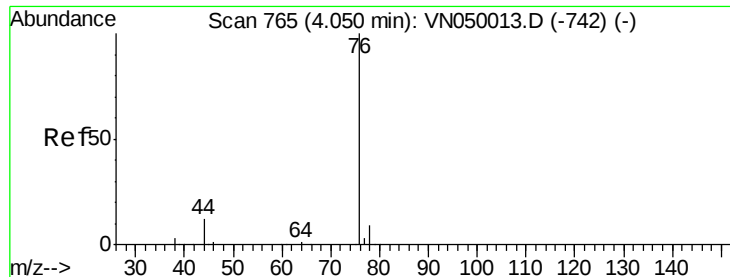
43 100

58 30.6 25.8 38.8



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

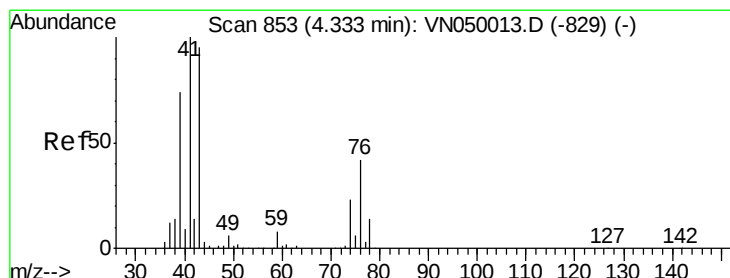
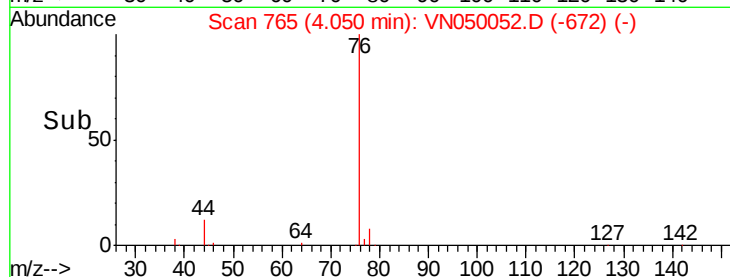
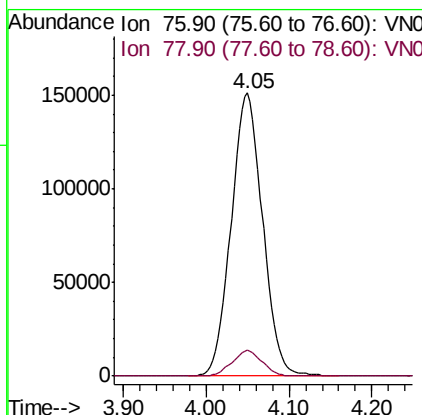
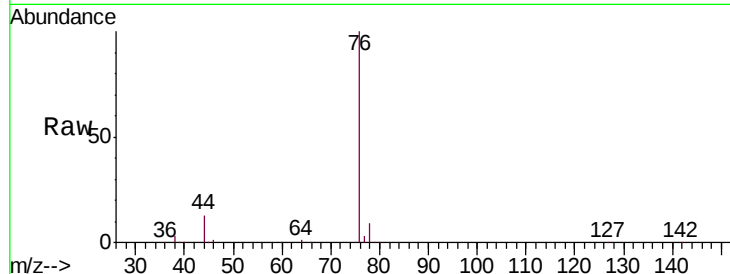




#17
Carbon Disulfide
Concen: 18.92 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

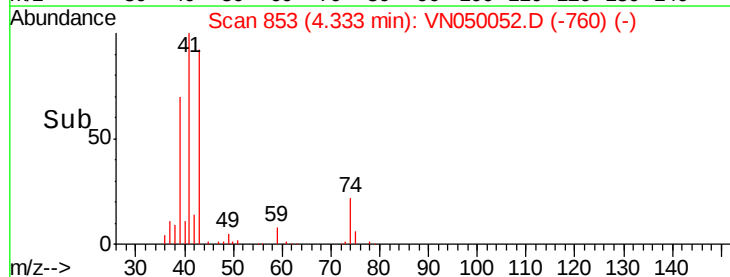
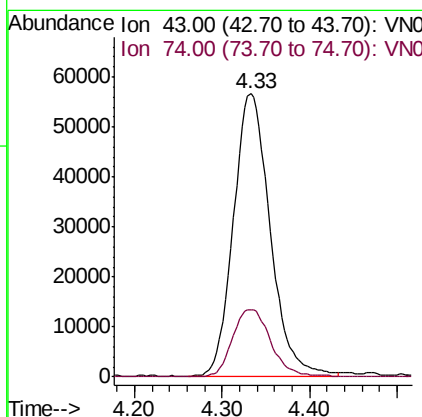
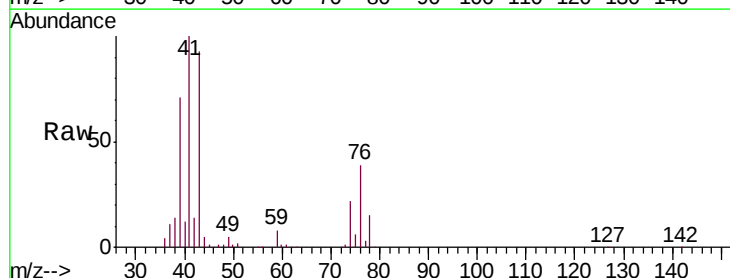
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBSD02

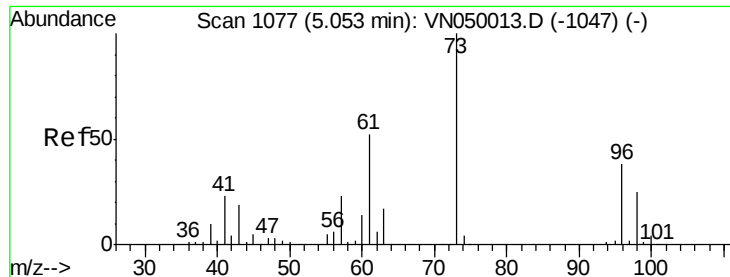
Tot Ion: 76 Resp: 398644
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 20.62 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion: 43 Resp: 164637
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8

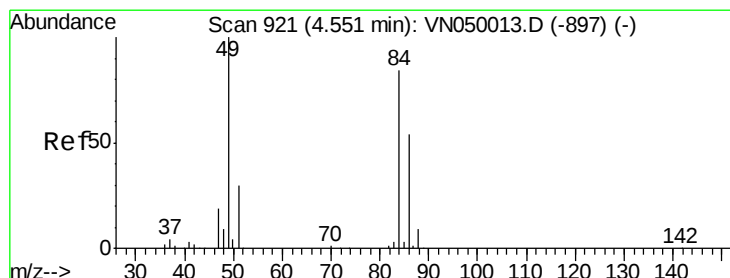
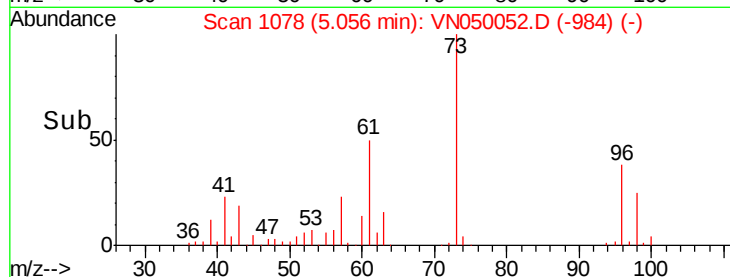
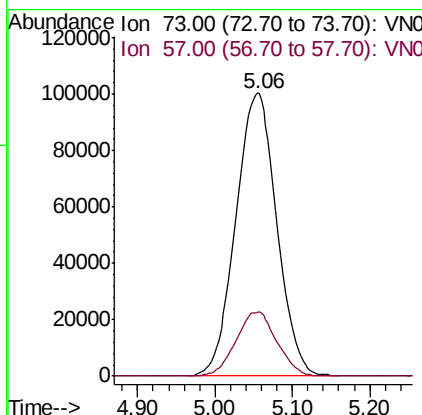
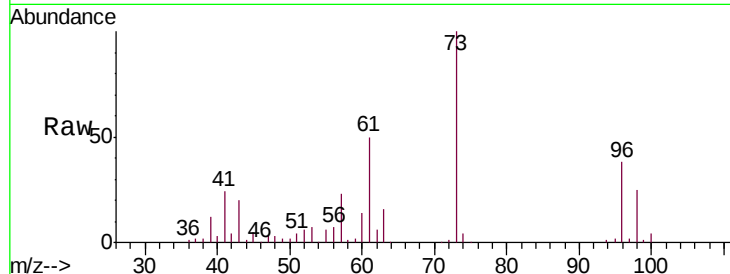




#19
Methyl tert-butyl Ether
Concen: 20.17 ug/l
RT: 5.06 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

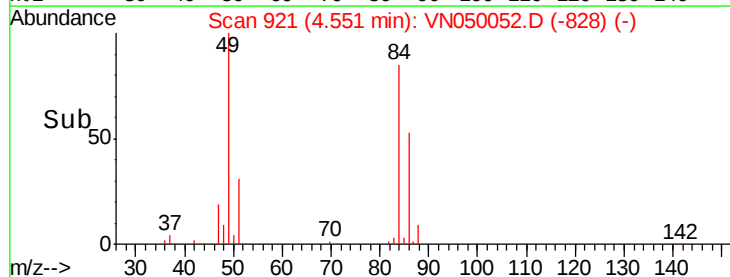
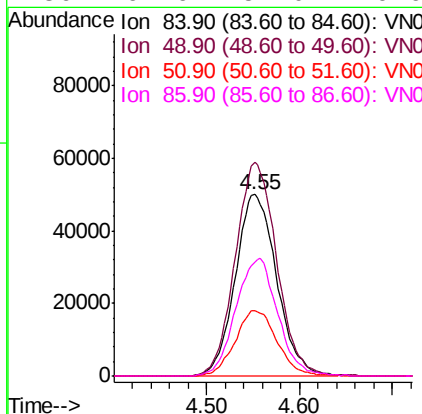
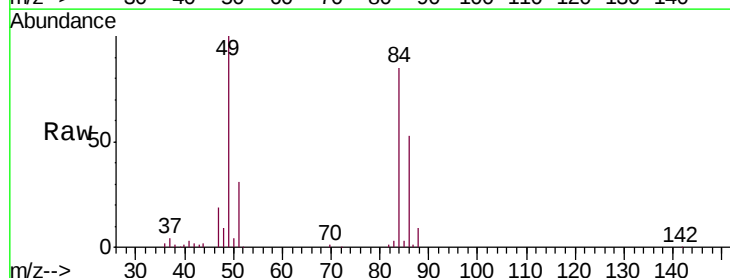
Instrument :
MSVOA_N
ClientSampleID :
VN0725WBSD02

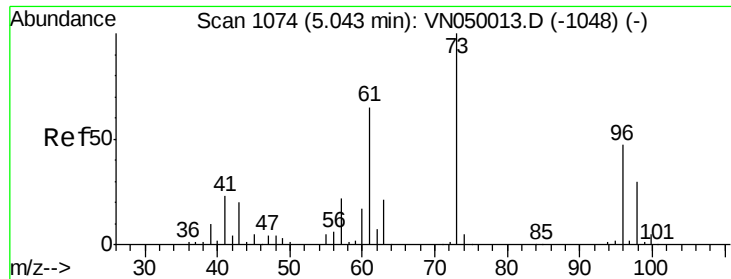
Tot Ion: 73 Resp: 369652
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 20.30 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion: 84 Resp: 155337
Ion Ratio Lower Upper
84 100
49 117.8 94.8 142.2
51 36.0 28.3 42.5
86 62.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.76 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

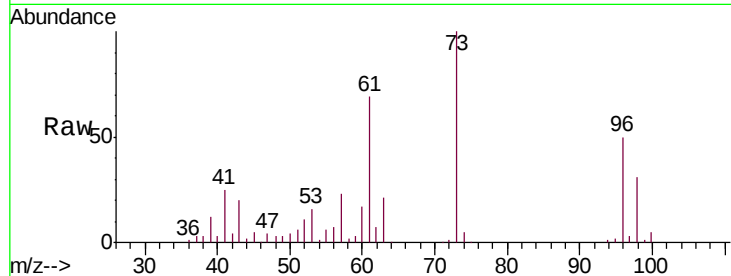
Tot Ion: 96 Resp: 144023

Ion Ratio Lower Upper

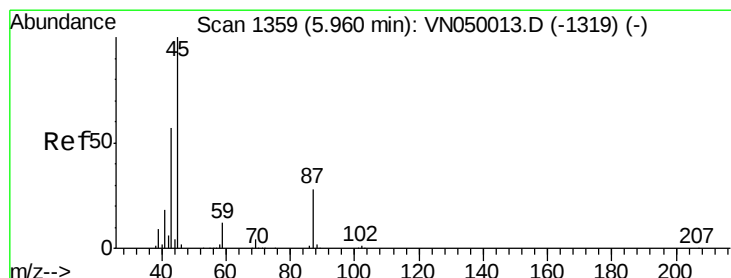
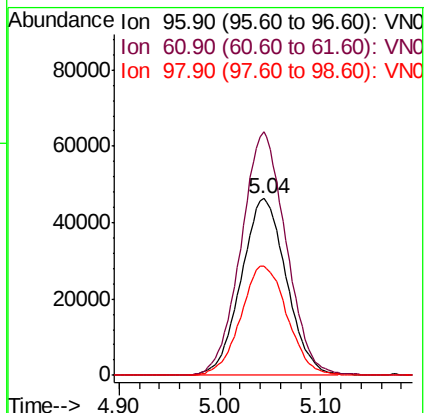
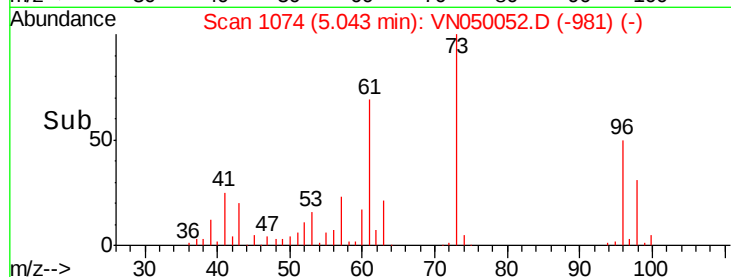
96 100

61 137.4 110.7 166.1

98 62.0 51.6 77.4



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



#22

Diisopropyl ether

Concen: 20.96 ug/l

RT: 5.96 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Tgt Ion: 45 Resp: 443293

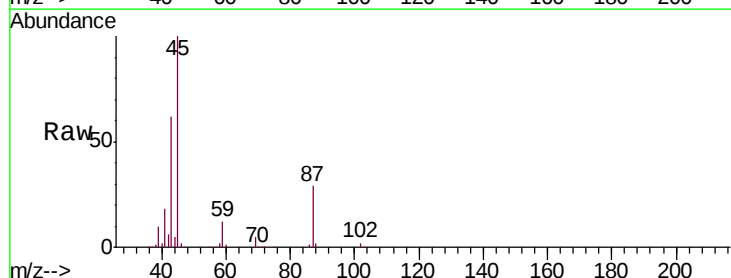
Ion Ratio Lower Upper

45 100

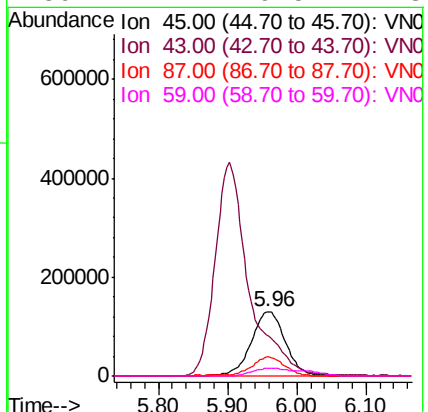
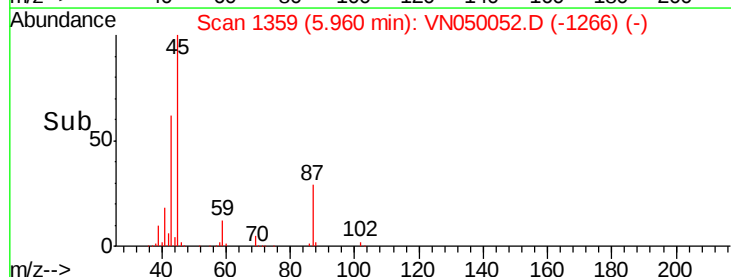
43 59.9 45.7 68.5

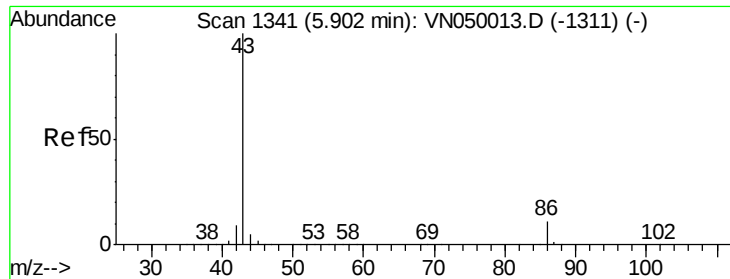
87 29.0 22.7 34.1

59 11.7 9.5 14.3



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

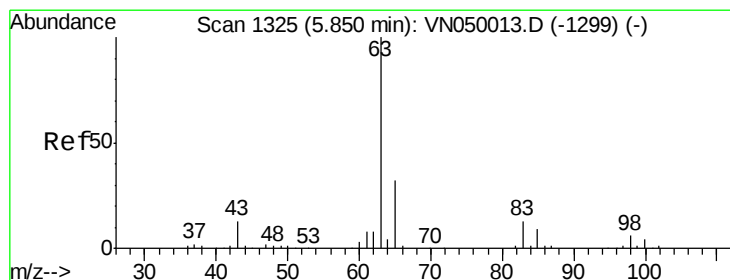
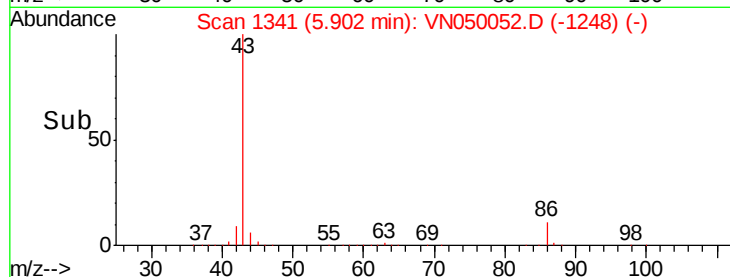
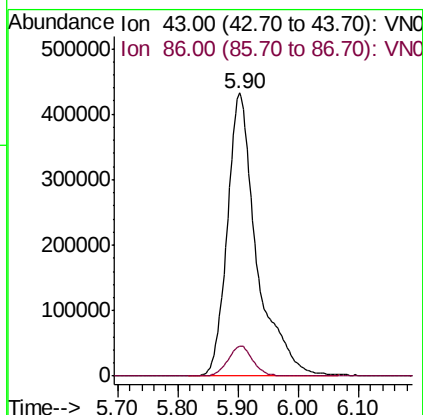
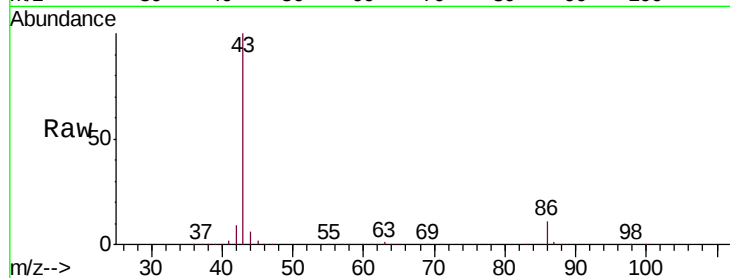




#23
 Vinyl Acetate
 Concen: 98.61 ug/l
 RT: 5.90 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

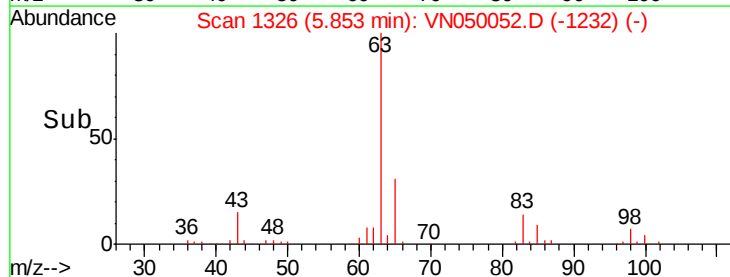
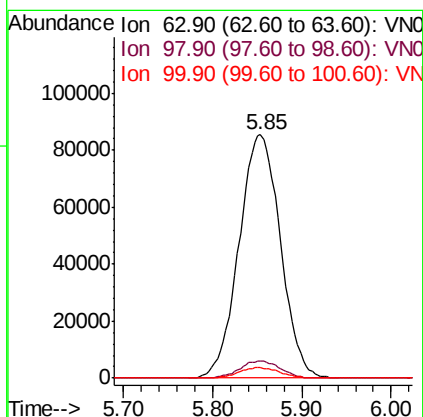
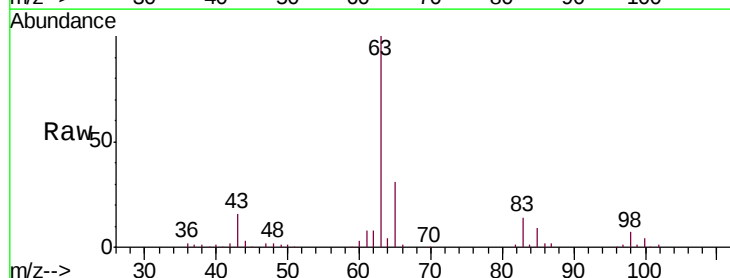
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

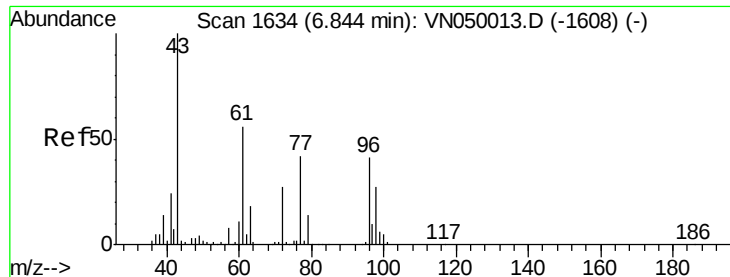
Tot Ion: 43 Resp: 1473705
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.90 ug/l
 RT: 5.85 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Tgt Ion: 63 Resp: 275182
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 98.36 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

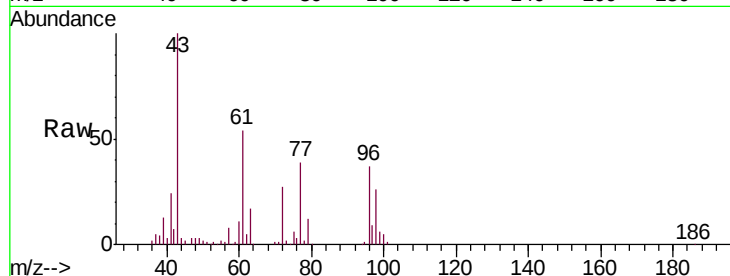
VN0725WBSD02

Tot Ion: 43 Resp: 312375

Ion Ratio Lower Upper

43 100

72 26.7 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

120000

100000

80000

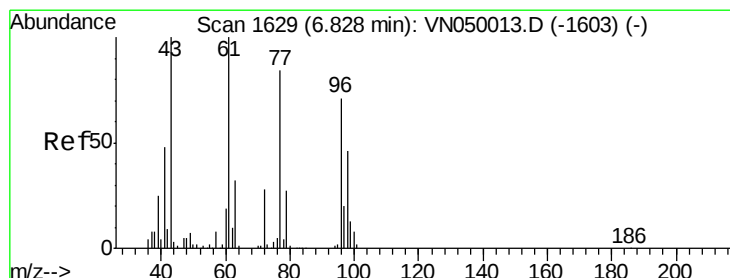
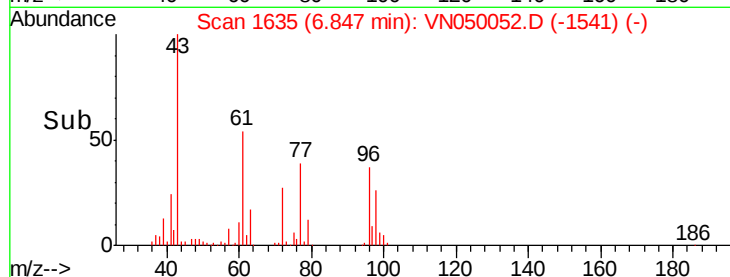
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.60 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050052.D

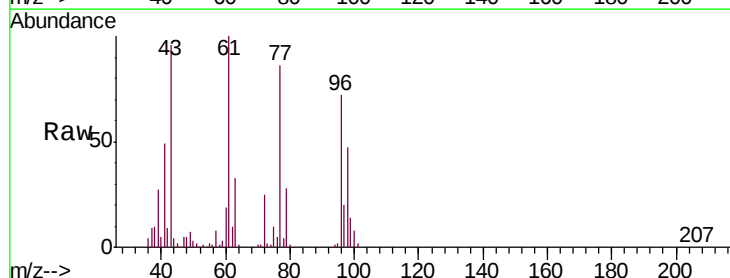
Acq: 25 Jul 2018 19:20

Tgt Ion: 77 Resp: 195713

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

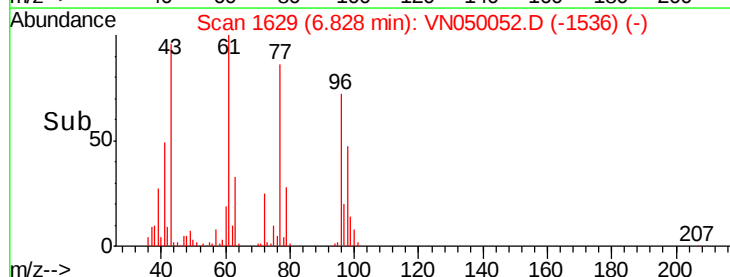
60000

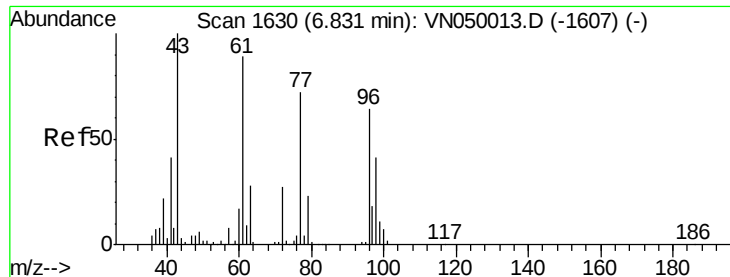
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.83 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

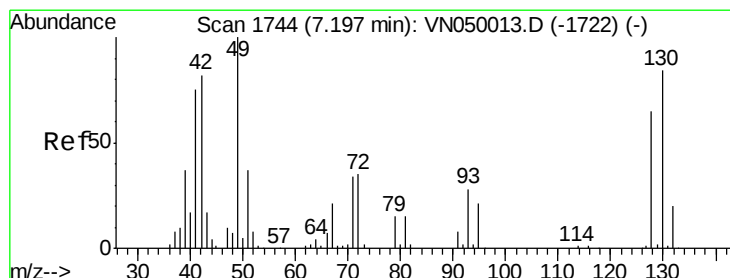
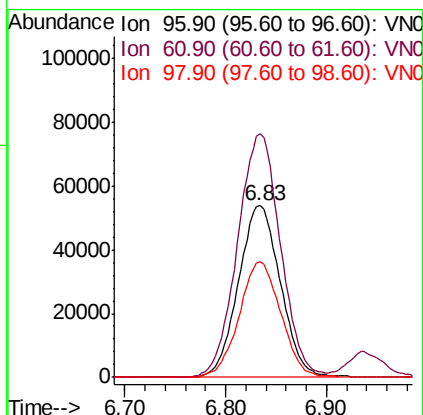
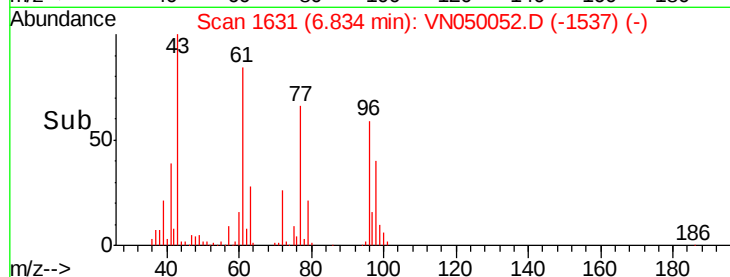
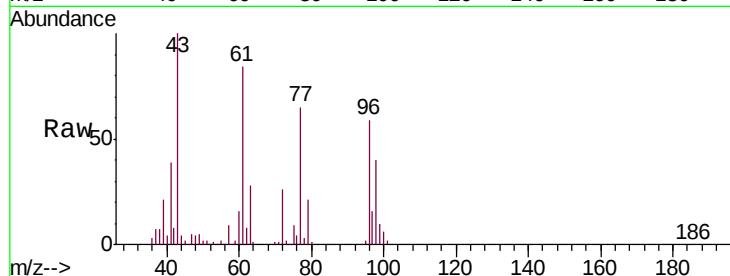
Tot Ion: 96 Resp: 155613

Ion Ratio Lower Upper

96 100

61 144.7 0.0 285.0

98 66.7 0.0 129.2



#28

Bromochloromethane

Concen: 19.76 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

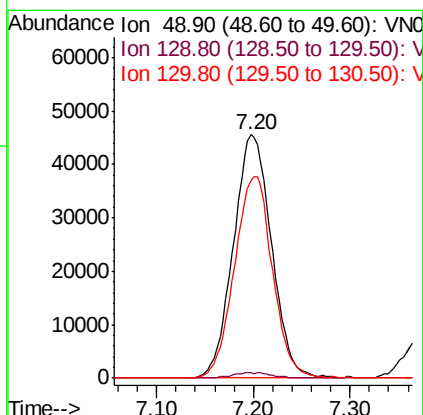
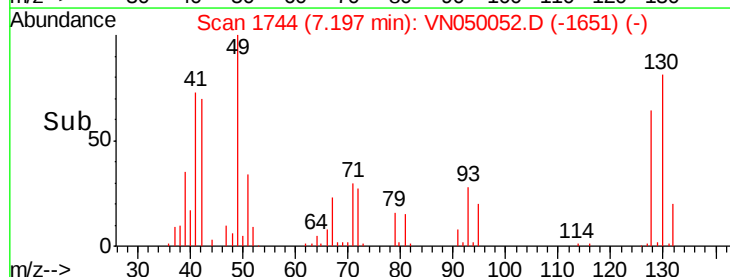
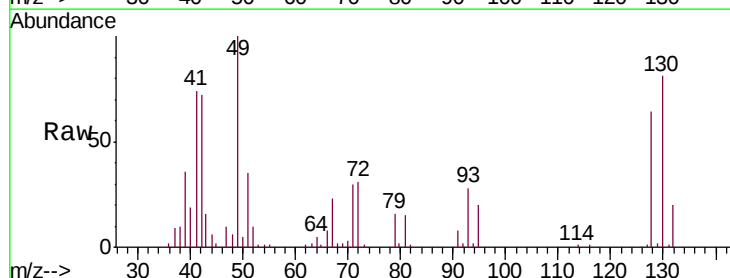
Tgt Ion: 49 Resp: 124645

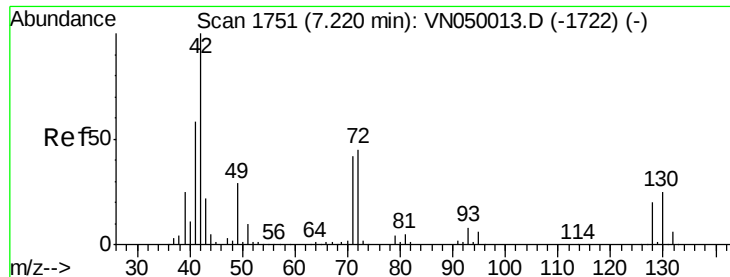
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 82.6 66.3 99.5

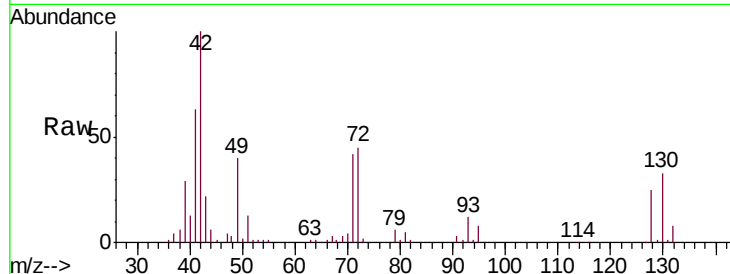




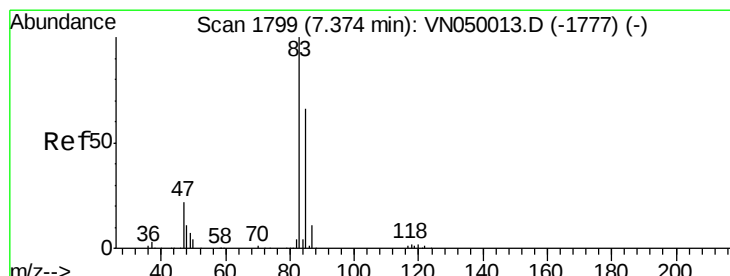
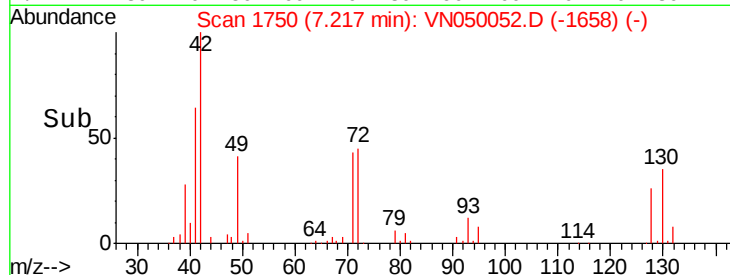
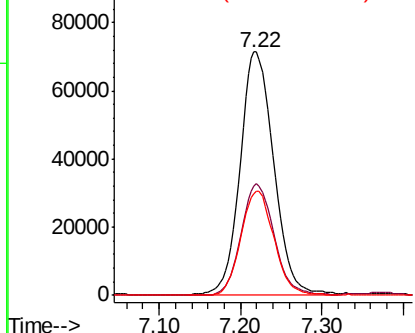
#29
Tetrahydrofuran
Concen: 98.32 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Instrument :
MSVOA_N
ClientSampleId :
VN0725WBSD02

Tot Ion: 42 Resp: 201780
Ion Ratio Lower Upper
42 100
72 45.0 35.9 53.9
71 42.4 33.7 50.5

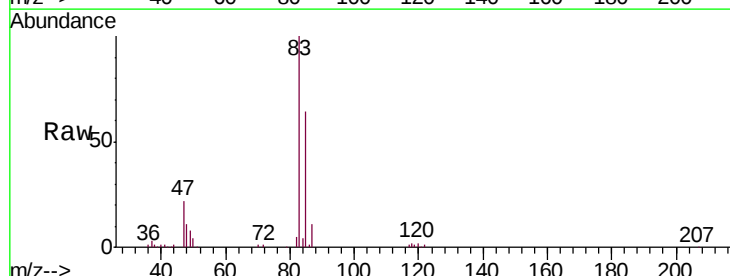


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

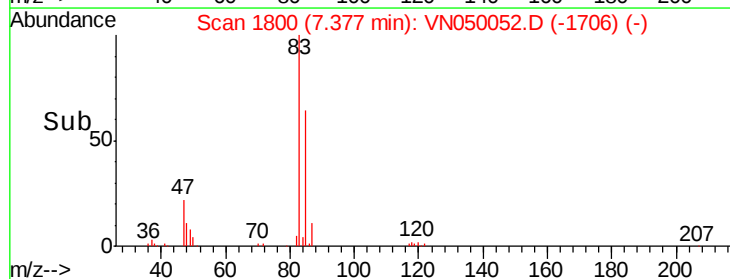
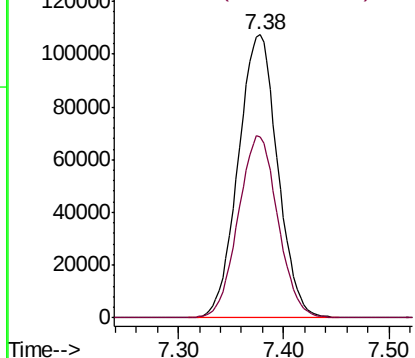


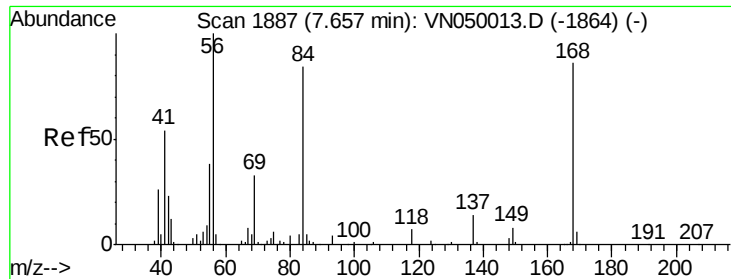
#30
Chloroform
Concen: 19.78 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion: 83 Resp: 279169
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7



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





#31

Cyclohexane

Concen: 19.47 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

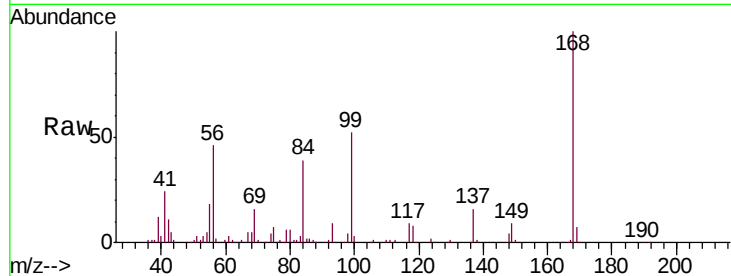
Tot Ion: 56 Resp: 223747

Ion Ratio Lower Upper

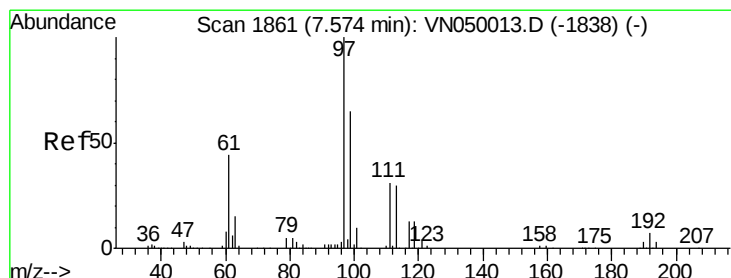
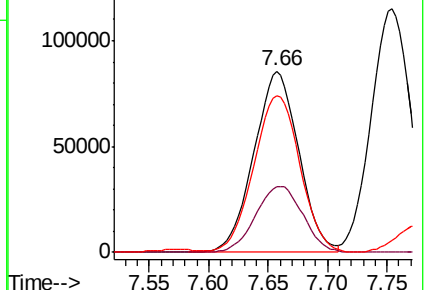
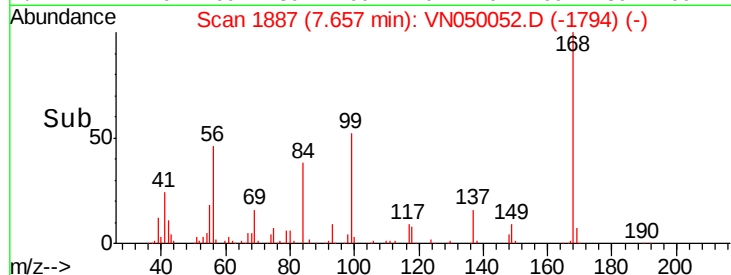
56 100

69 35.9 26.2 39.4

84 85.1 67.4 101.0



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: 19.68 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

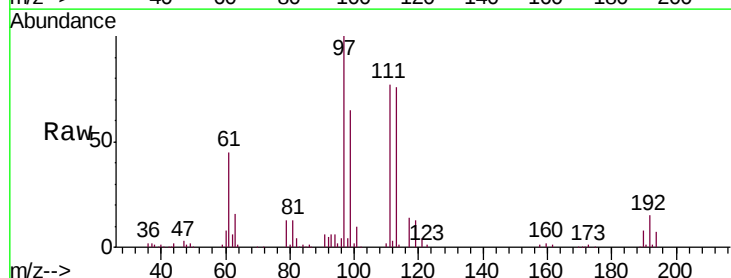
Tgt Ion: 97 Resp: 237525

Ion Ratio Lower Upper

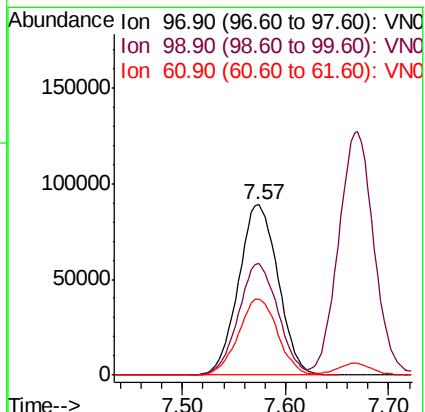
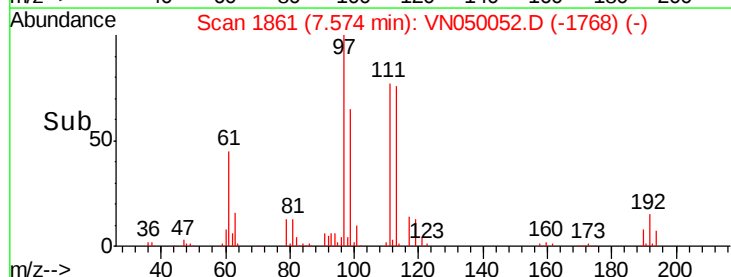
97 100

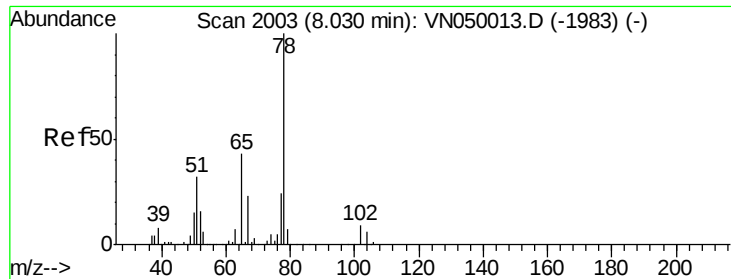
99 65.4 51.4 77.0

61 44.4 35.4 53.0



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: 51.07 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

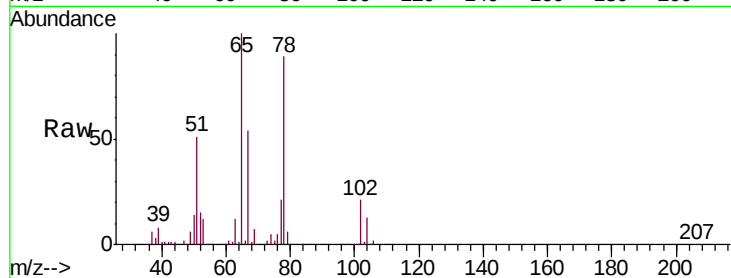
VN0725WBSD02

Tot Ion: 65 Resp: 425217

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

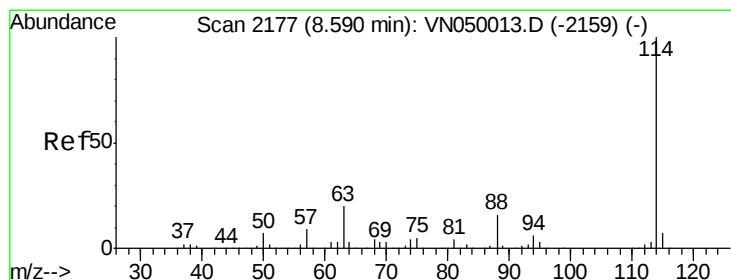
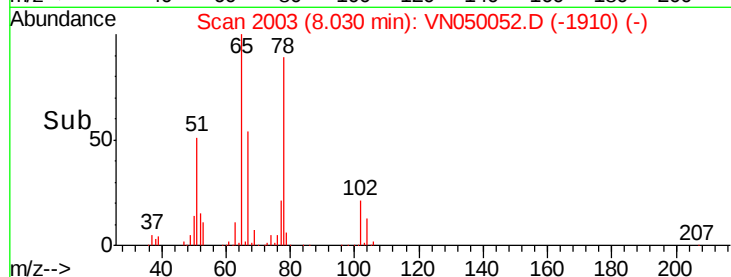
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

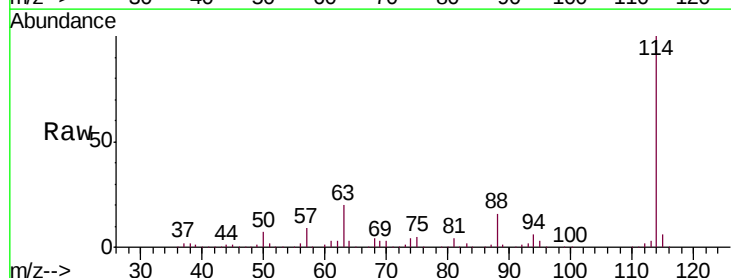
Tgt Ion: 114 Resp: 884150

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.7 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

500000

400000

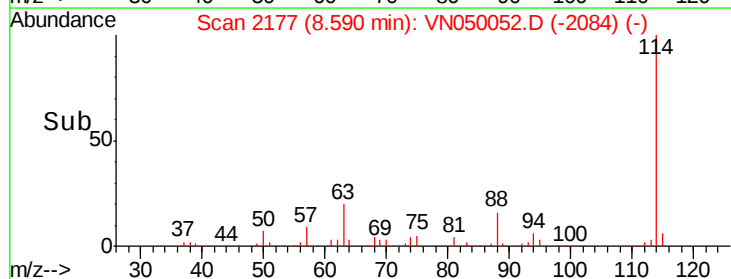
300000

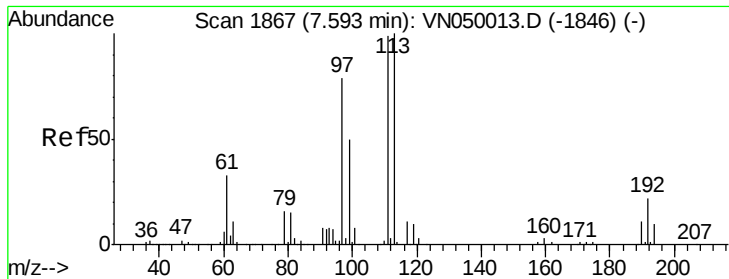
200000

100000

0

Time-->

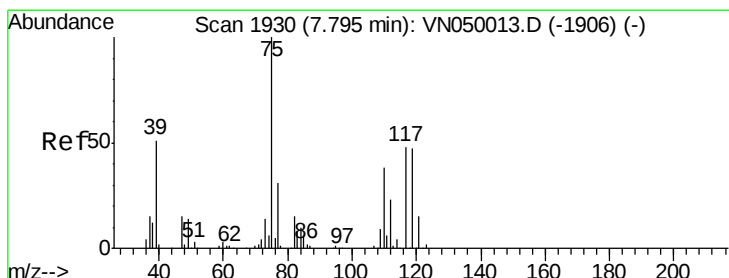
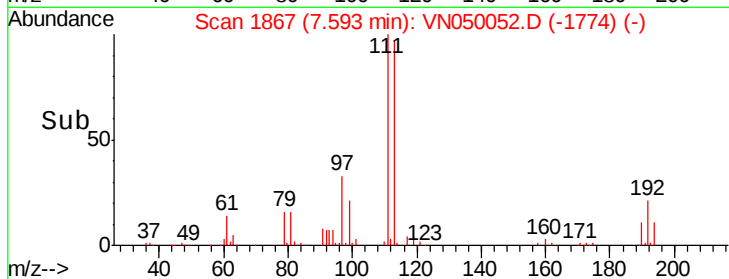
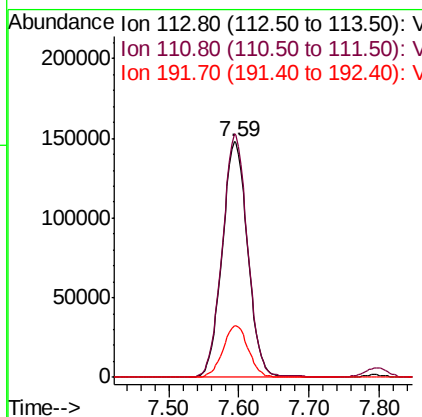
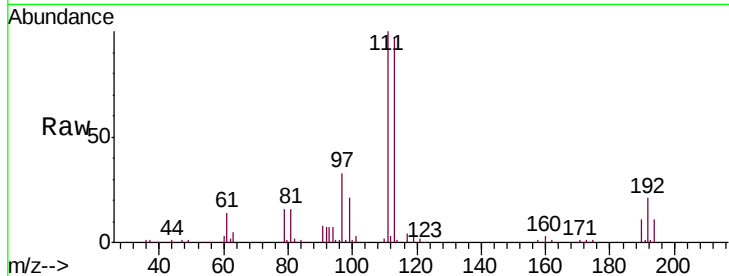




#35
 Dibromofluoromethane
 Concen: 51.87 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

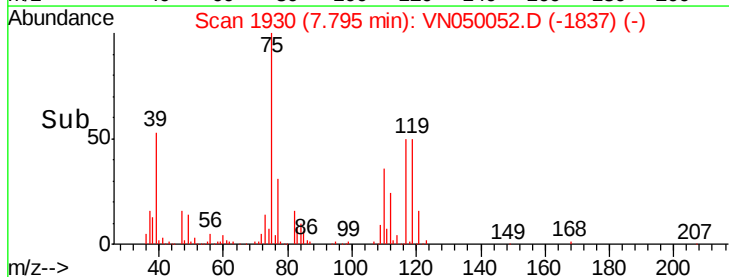
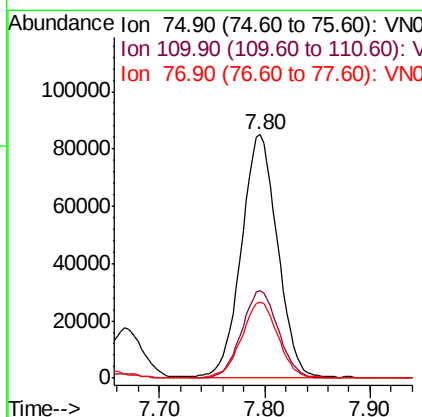
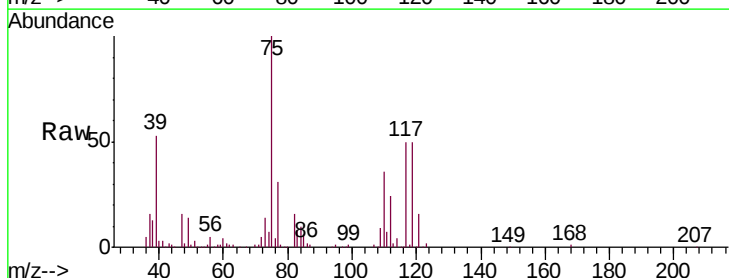
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

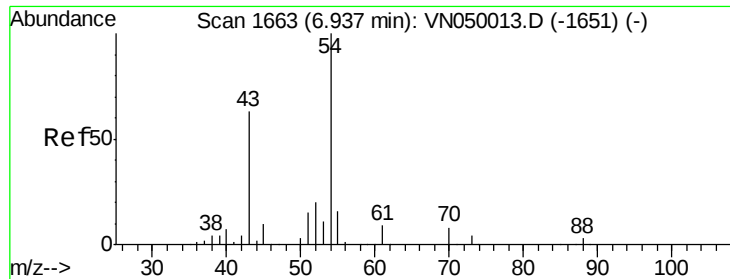
Tot Ion:113 Resp: 374461
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 21.8 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 20.23 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Tgt Ion: 75 Resp: 201482
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.4 55.2
 77 31.9 25.3 37.9

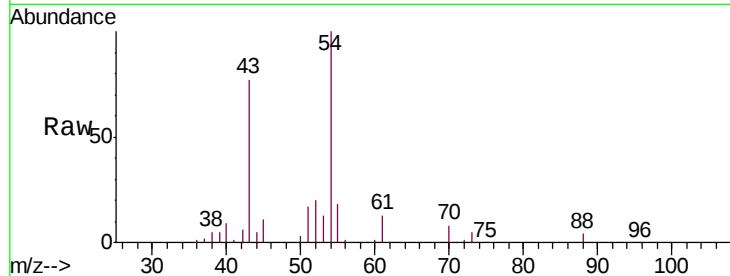




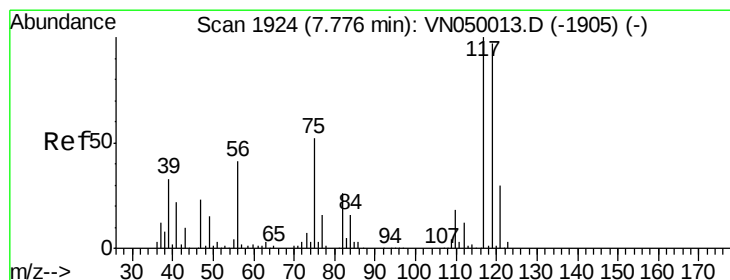
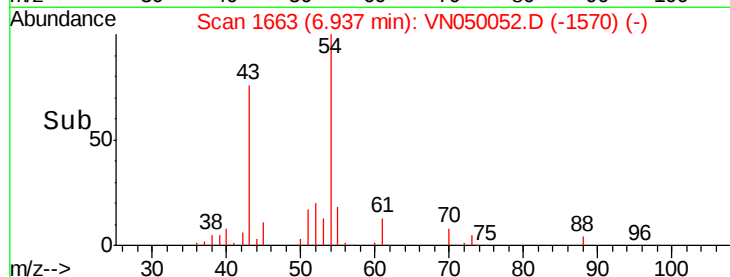
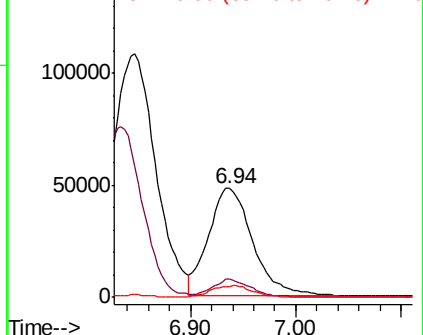
#37
Ethyl Acetate
Concen: 20.10 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Instrument :
MSVOA_N
ClientSampleID :
VN0725WBSD02

Tot Ion: 43 Resp: 139629
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.8
70 10.0 8.4 12.6

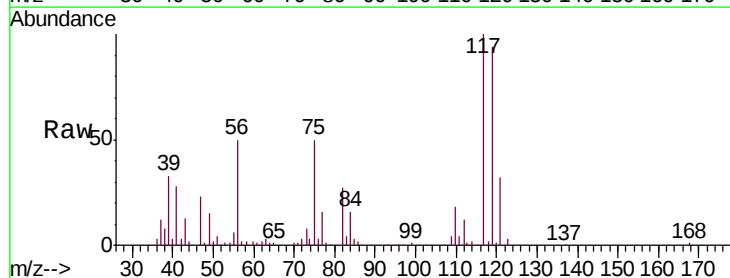


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

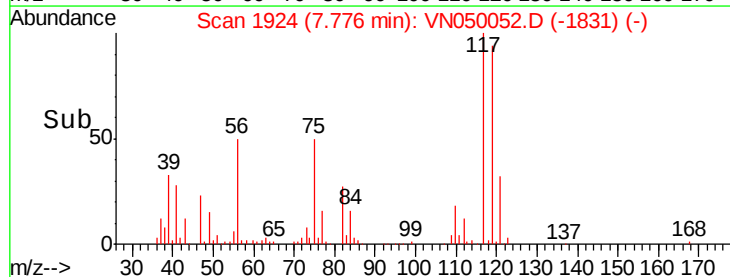
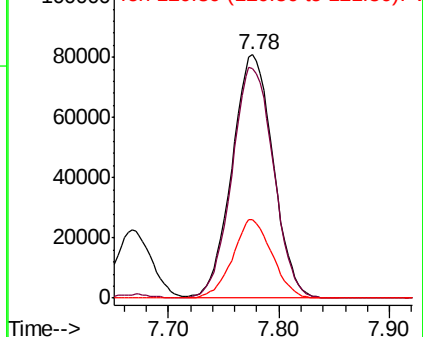


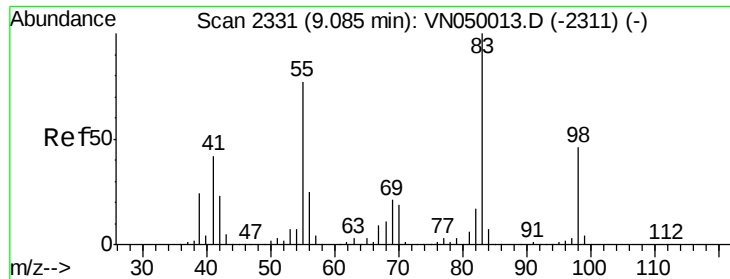
#38
Carbon Tetrachloride
Concen: 19.82 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion: 117 Resp: 209480
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
121 32.1 23.9 35.9



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

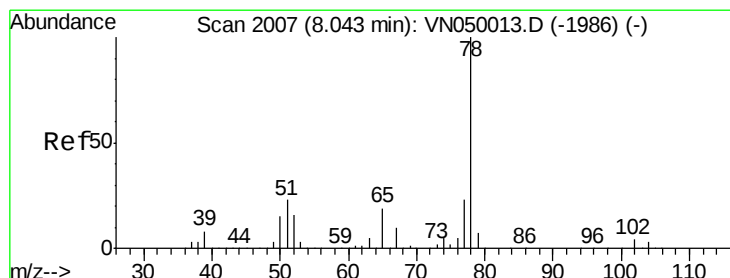
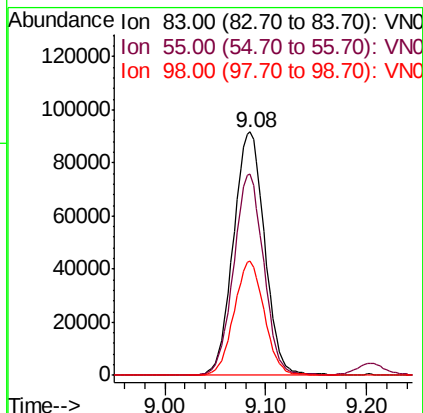
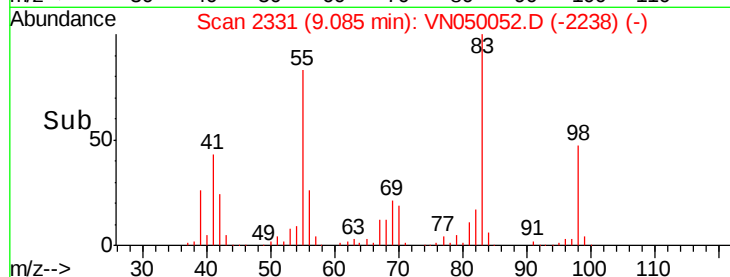
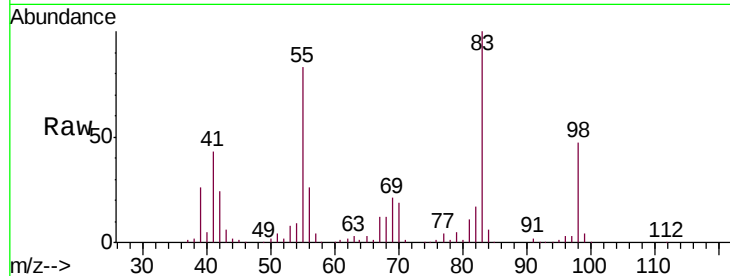




#39
Methvlcvclohexane
Concen: 19.23 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

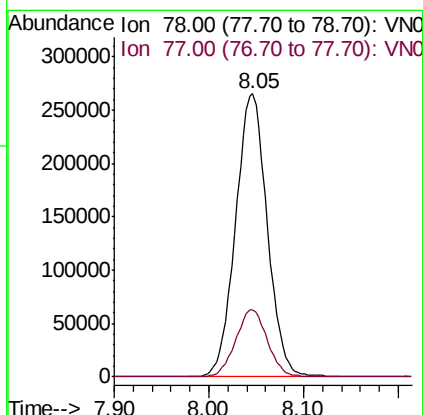
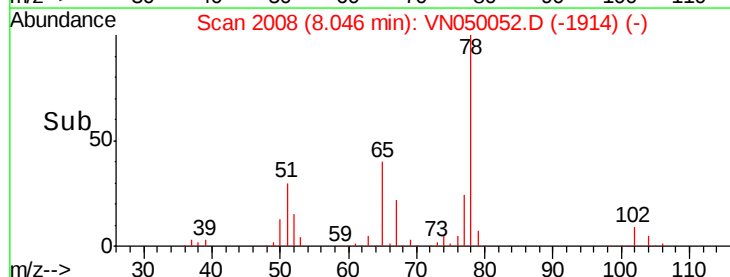
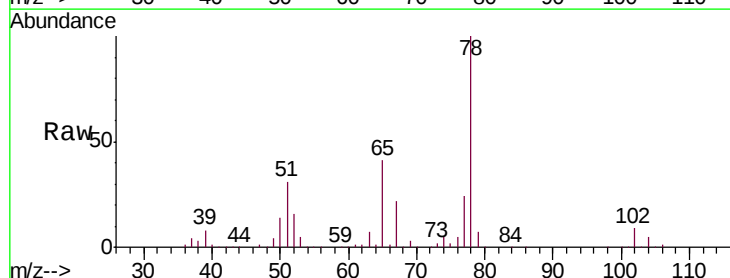
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBSD02

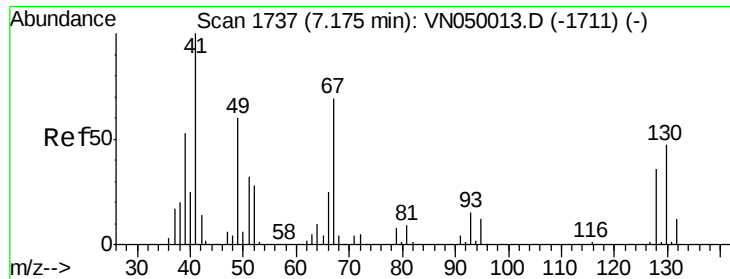
Tot Ion: 83 Resp: 197022
Ion Ratio Lower Upper
83 100
55 82.8 61.8 92.8
98 46.9 36.5 54.7



#40
Benzene
Concen: 20.34 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion: 78 Resp: 616674
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

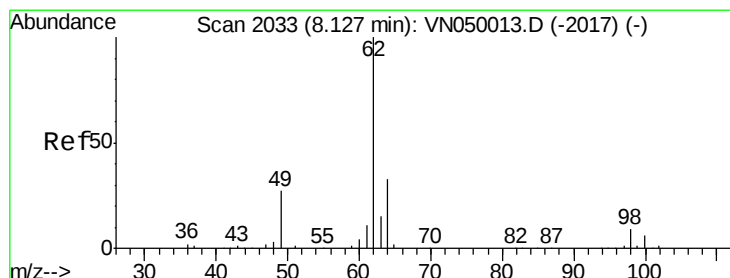
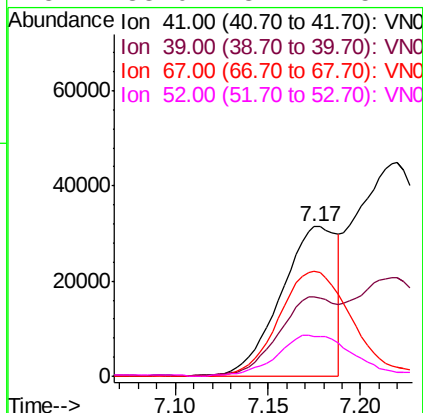
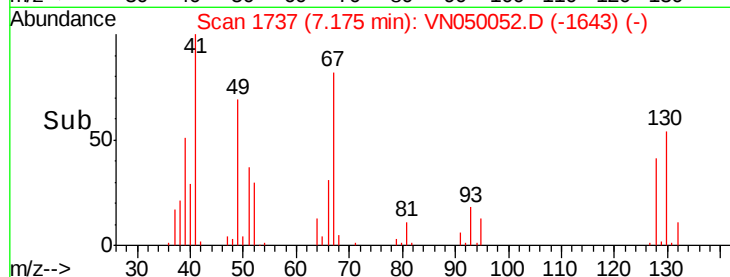
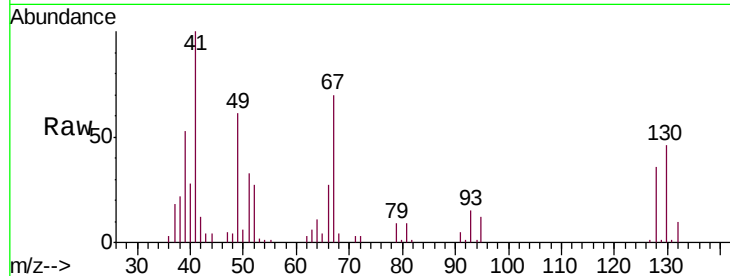




#41
Methacrylonitrile
Concen: 20.07 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

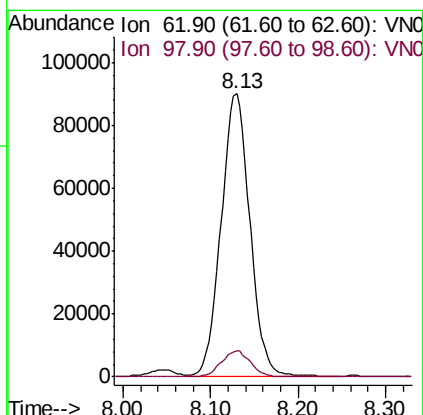
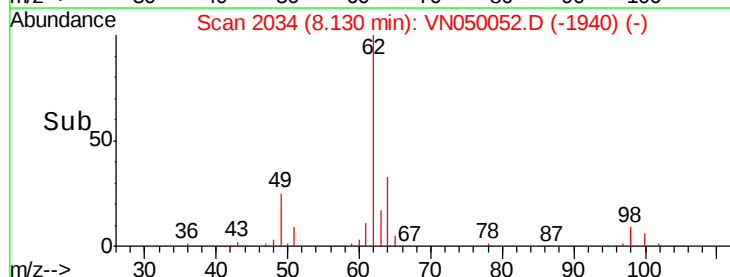
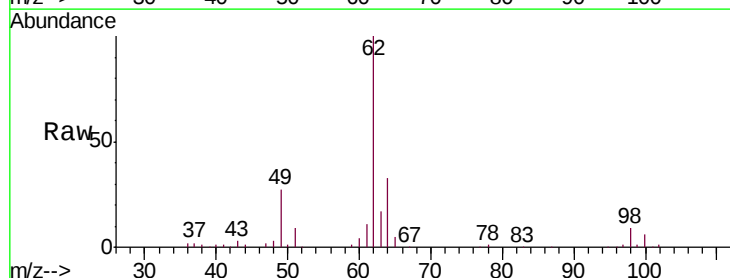
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBSD02

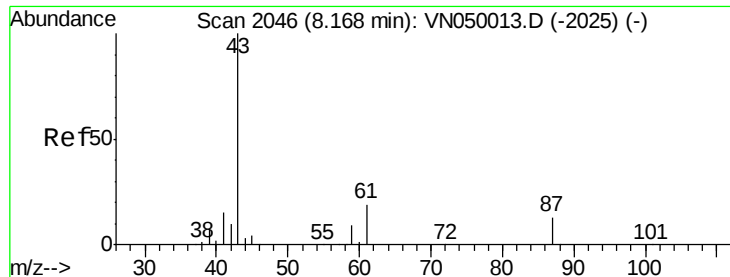
Tot Ion: 41 Resp: 66281
Ion Ratio Lower Upper
41 100
39 54.1 55.8 83.6#
67 93.1 84.3 126.5
52 38.0 34.2 51.2



#42
1,2-Dichloroethane
Concen: 20.32 ug/l
RT: 8.13 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion: 62 Resp: 205508
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8



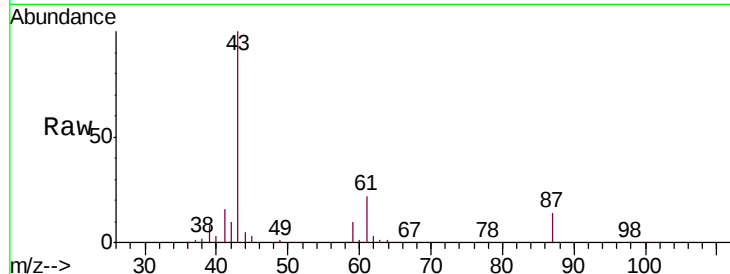


#43

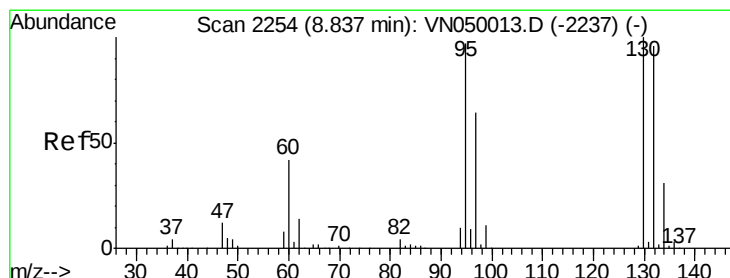
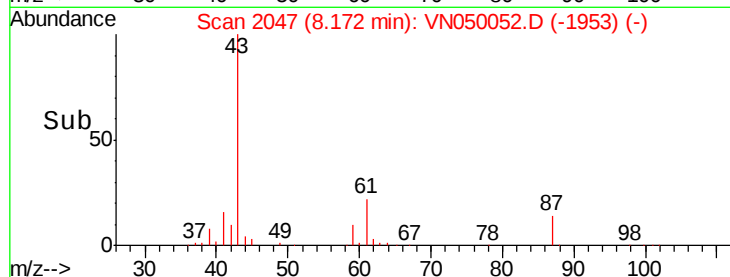
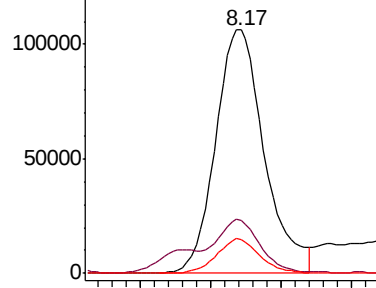
Isopropyl Acetate
 Concen: 18.81 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

Tot Ion: 43 Resp: 25538
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.8 23.6
 87 12.6 10.3 15.5



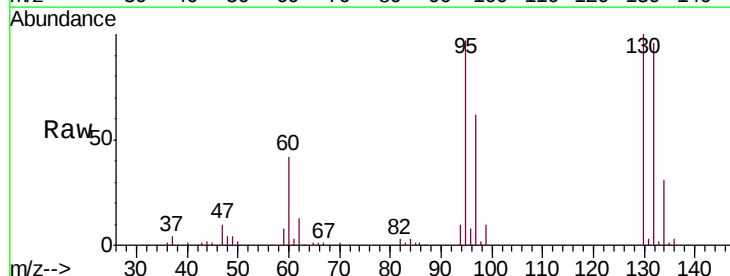
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



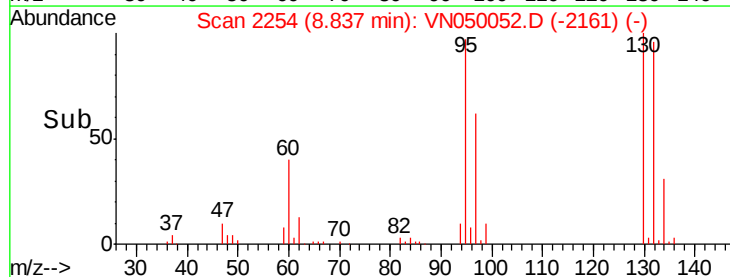
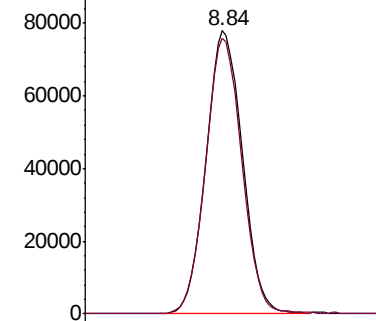
#44

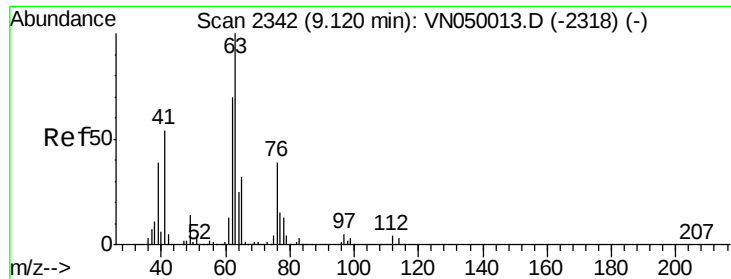
Trichloroethene
 Concen: 19.76 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Tgt Ion: 130 Resp: 160932
 Ion Ratio Lower Upper
 130 100
 95 97.4 0.0 194.6



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





#45

1,2-Dichloropropane

Concen: 20.23 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

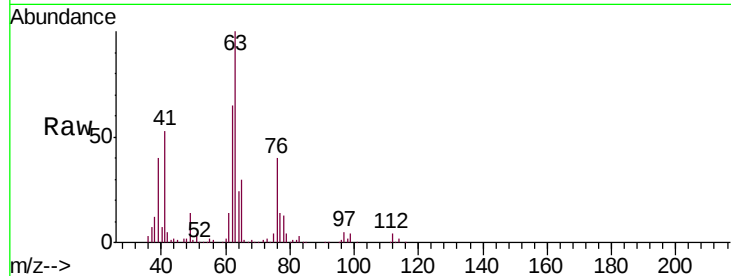
VN0725WBSD02

Tot Ion: 63 Resp: 162395

Ion Ratio Lower Upper

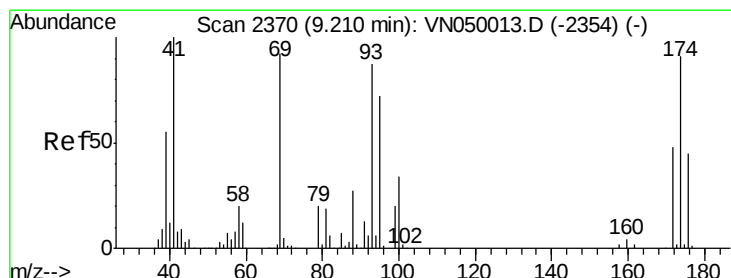
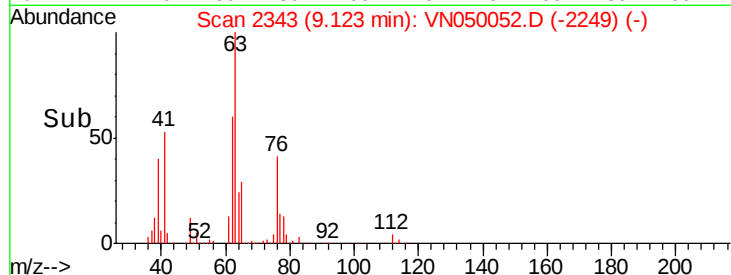
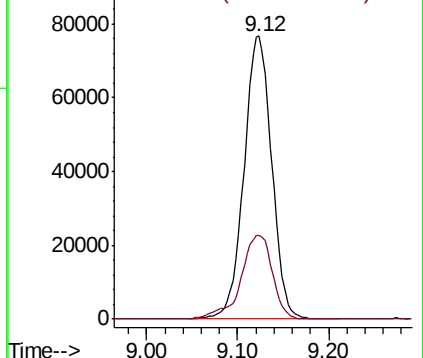
63 100

65 29.5 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.23 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

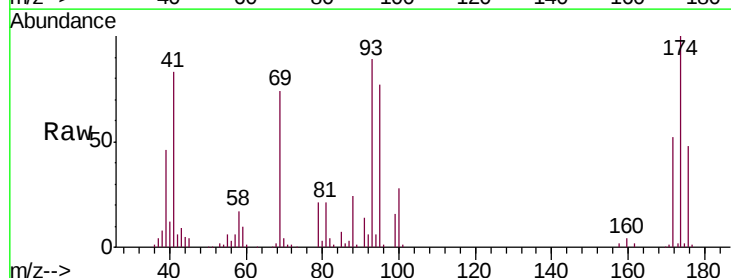
Tgt Ion: 93 Resp: 100845

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

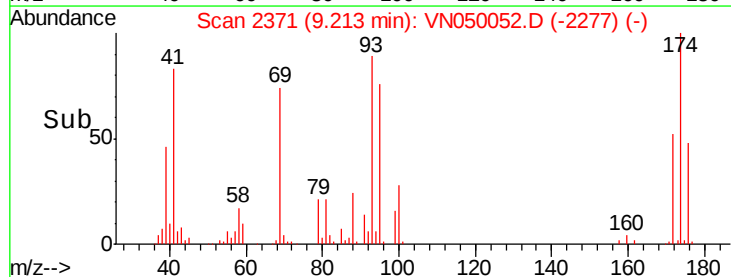
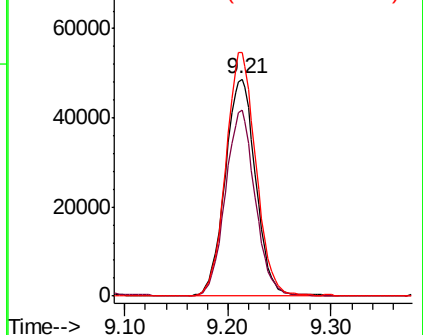
174 109.8 87.1 130.7

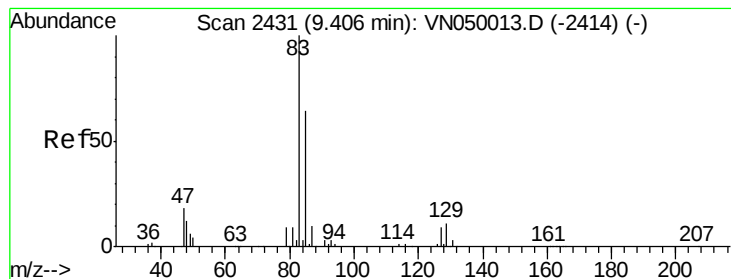


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.05 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

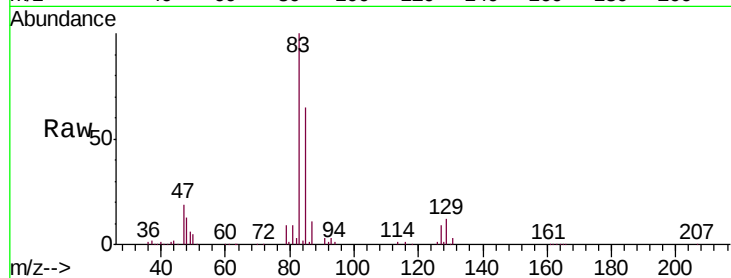
Tot Ion: 83 Resp: 211009

Ion Ratio Lower Upper

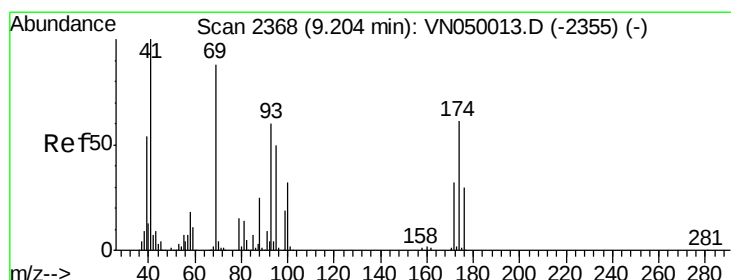
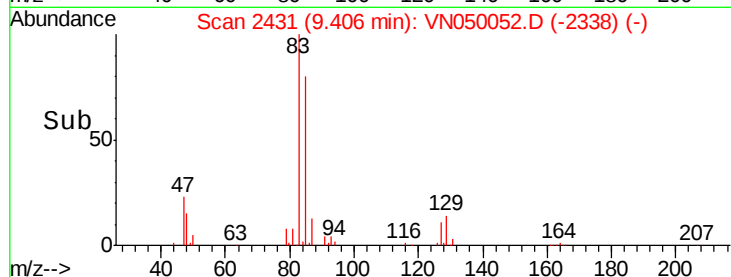
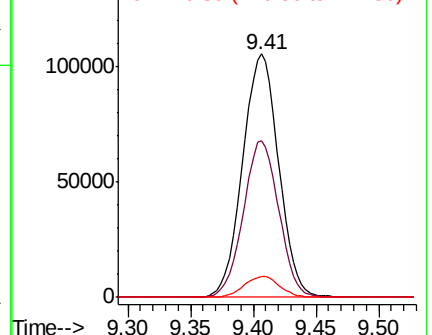
83 100

85 64.5 51.1 76.7

127 8.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.80 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

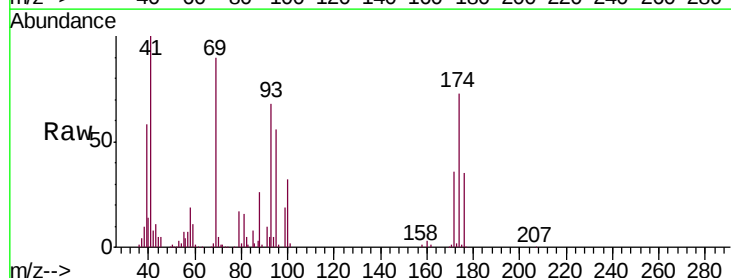
Tgt Ion: 41 Resp: 118420

Ion Ratio Lower Upper

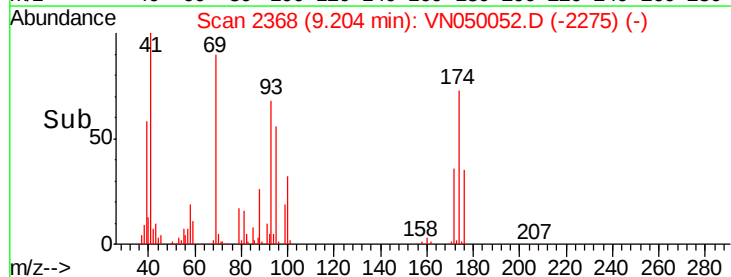
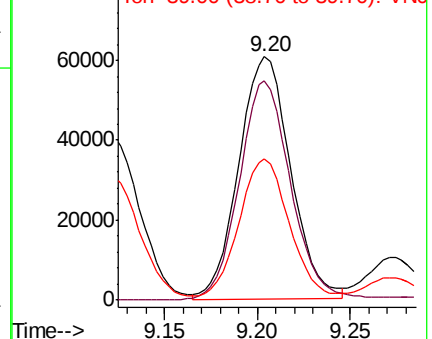
41 100

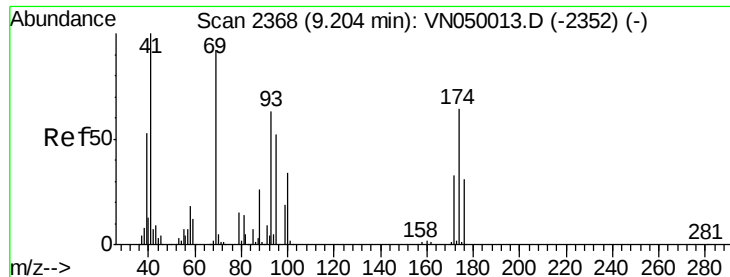
69 90.0 70.6 105.8

39 56.6 43.9 65.9



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





#49

1,4-Dioxane

Concen: 414.24 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

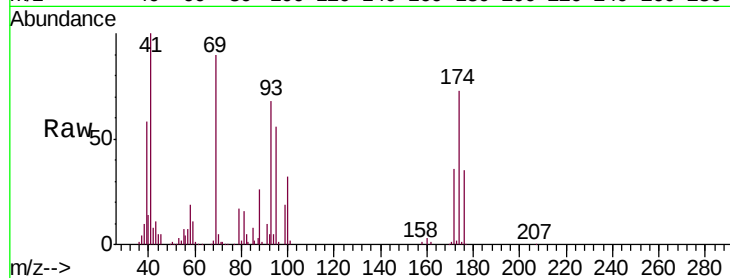
Tot Ion: 88 Resp: 33718

Ion Ratio Lower Upper

88 100

43 33.2 26.9 40.3

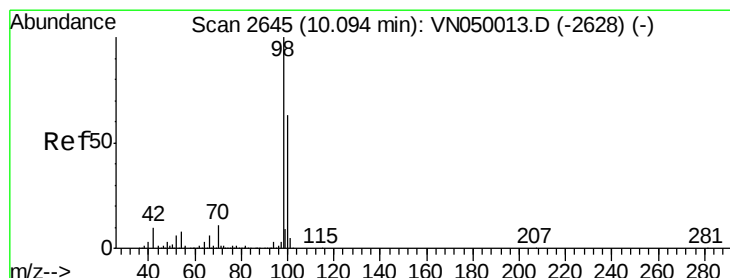
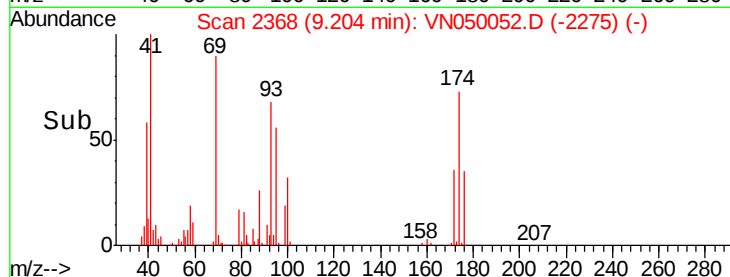
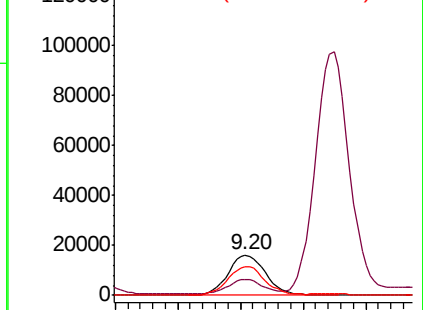
58 70.8 57.3 85.9



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: 51.84 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050052.D

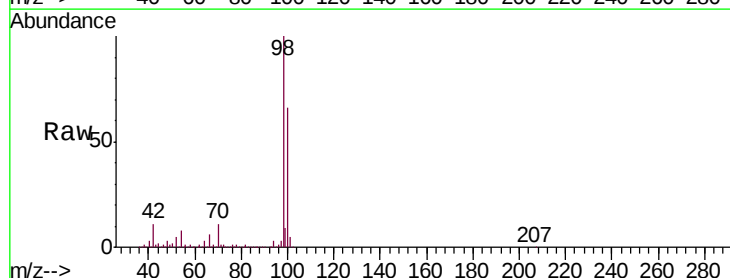
Acq: 25 Jul 2018 19:20

Tgt Ion: 98 Resp: 1375801

Ion Ratio Lower Upper

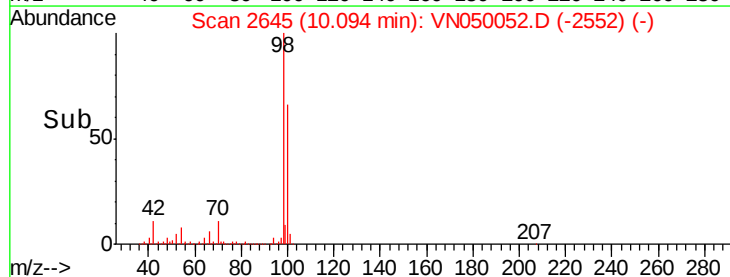
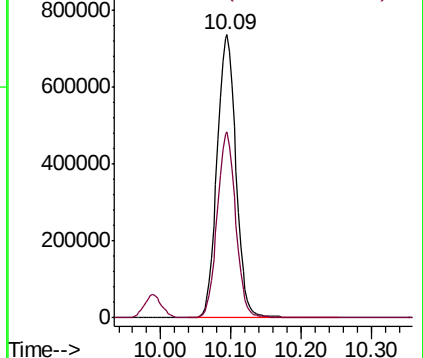
98 100

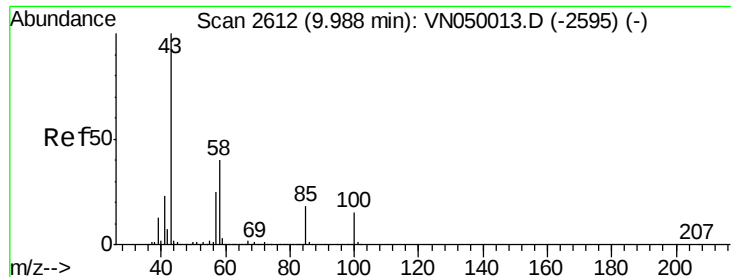
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

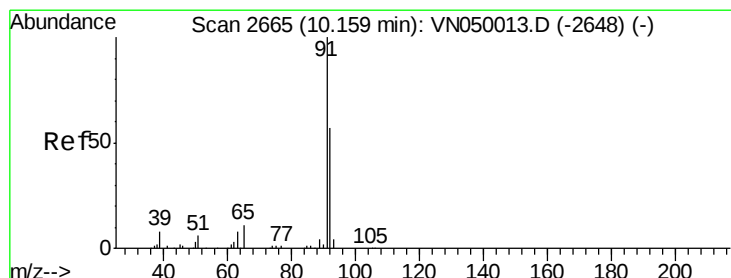
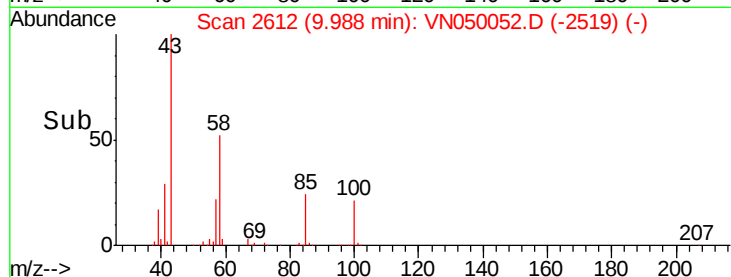
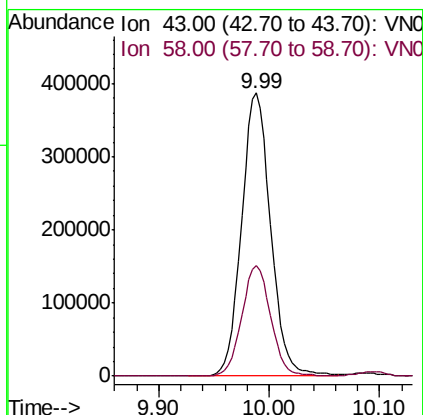
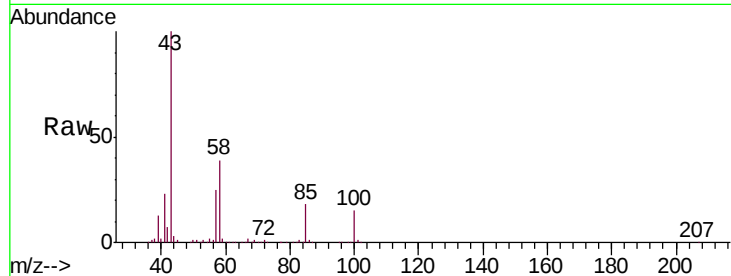




#51
 4-Methyl-2-Pentanone
 Concen: 103.24 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

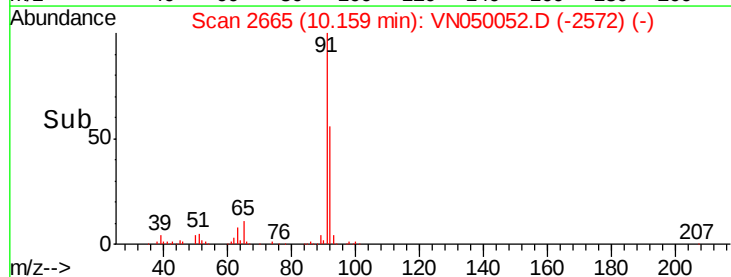
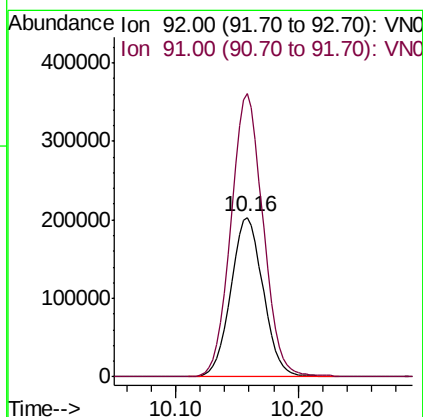
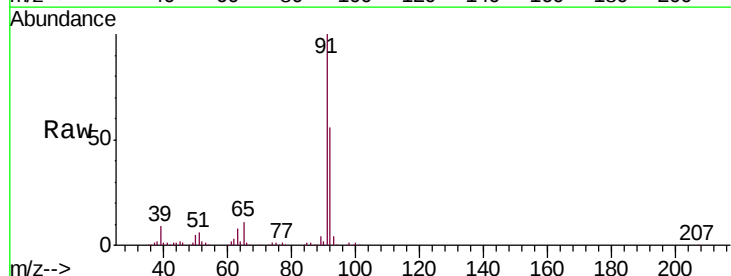
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0725WBSD02

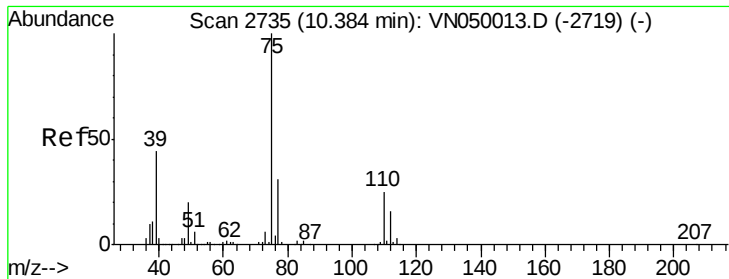
Tot Ion: 43 Resp: 704866
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.9 47.9



#52
 Toluene
 Concen: 20.92 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Tgt Ion: 92 Resp: 374391
 Ion Ratio Lower Upper
 92 100
 91 177.5 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 19.86 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

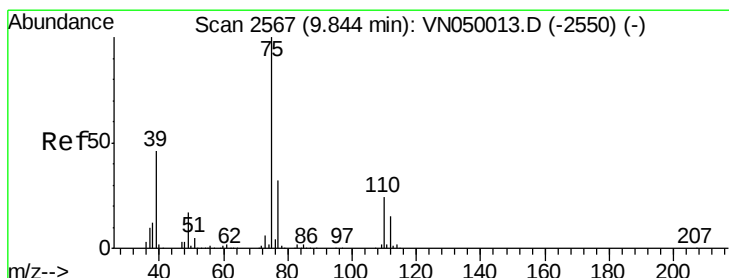
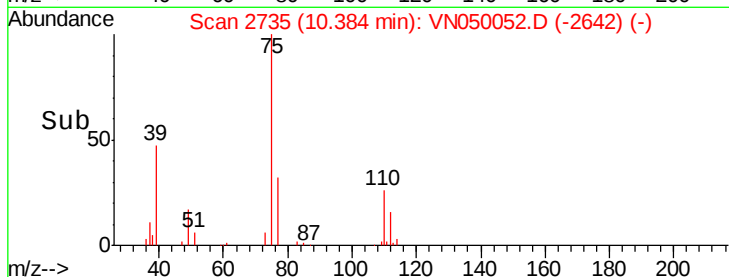
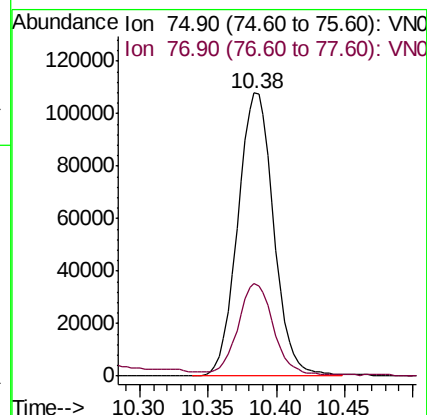
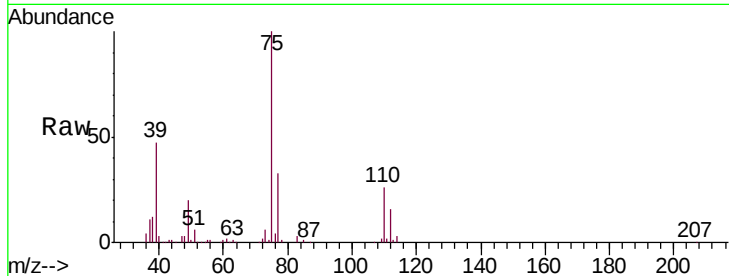
VN0725WBSD02

Tot Ion: 75 Resp: 197227

Ion Ratio Lower Upper

75 100

77 32.2 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 20.14 ug/l

RT: 9.84 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

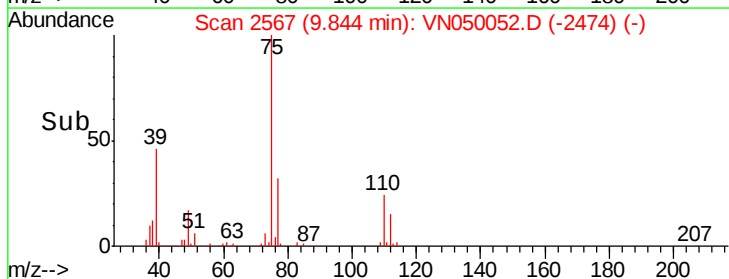
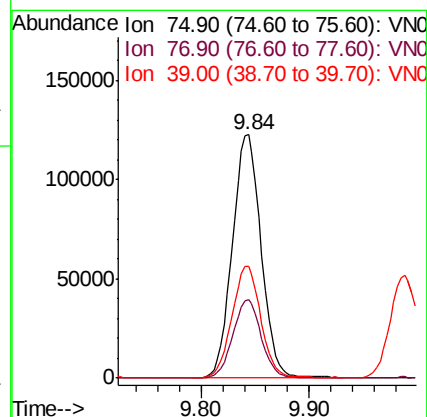
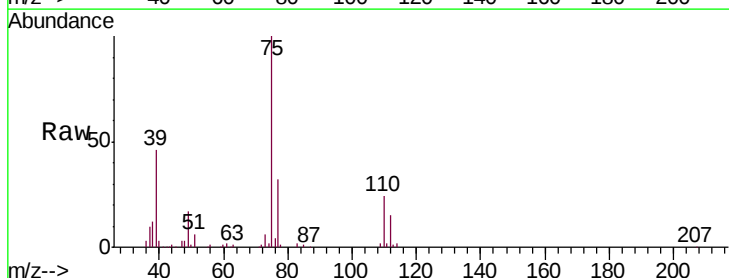
Tgt Ion: 75 Resp: 228480

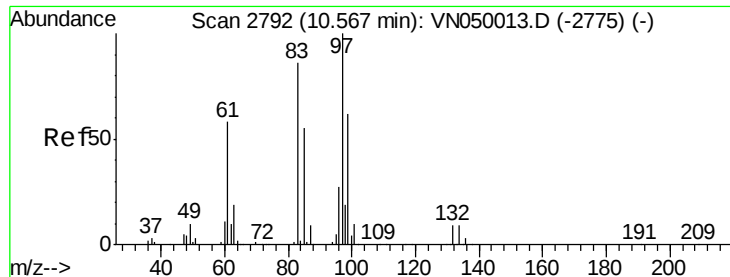
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

39 46.1 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 20.50 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

Tot Ion: 97 Resp: 145504

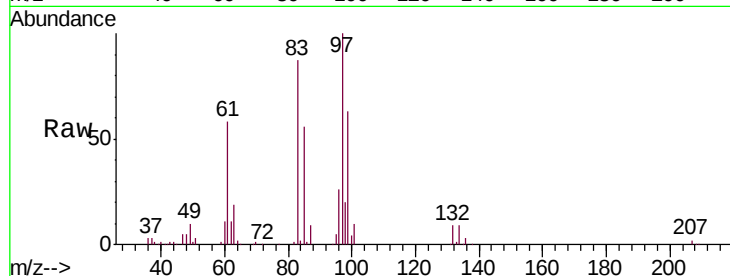
Ion Ratio Lower Upper

97 100

83 86.5 69.2 103.8

85 56.2 44.0 66.0

99 62.9 49.9 74.9

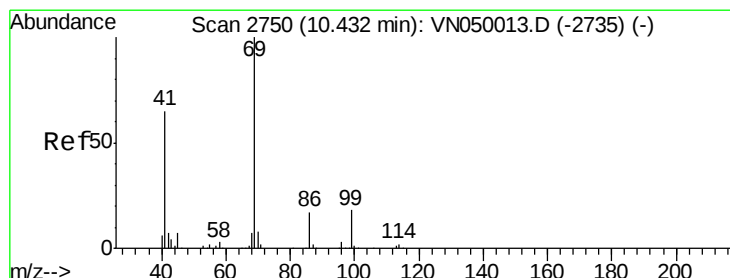
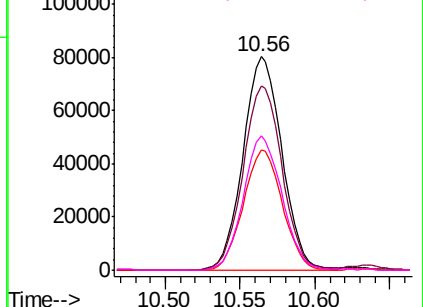
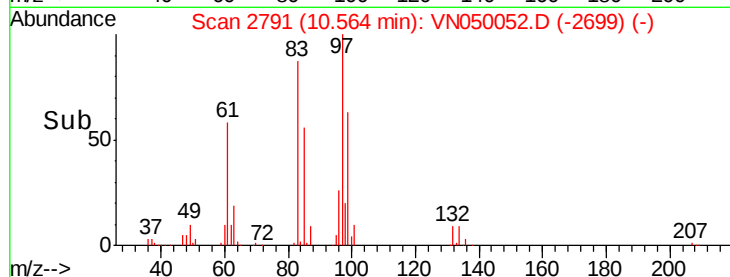


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.90 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

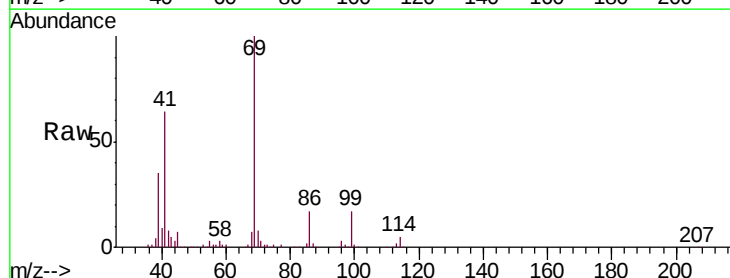
Tgt Ion: 69 Resp: 169024

Ion Ratio Lower Upper

69 100

41 63.9 51.0 76.4

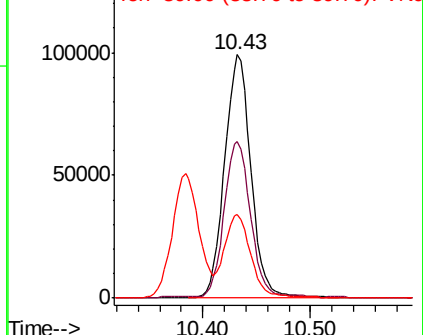
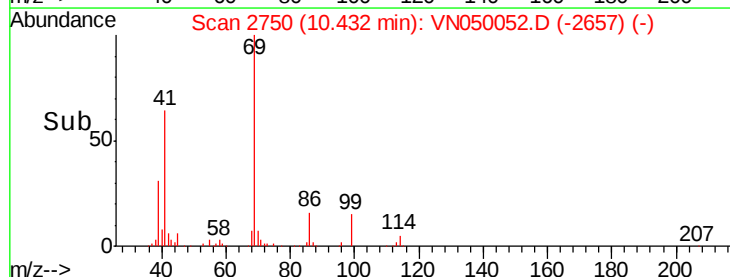
39 34.5 26.6 40.0

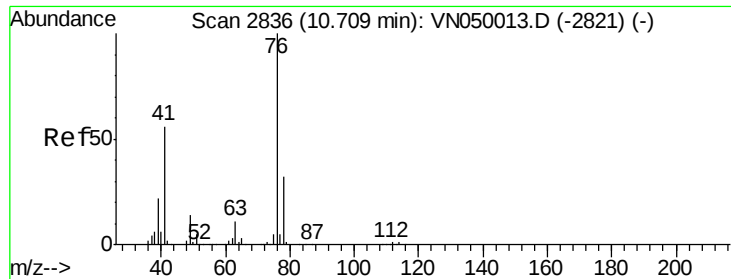


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

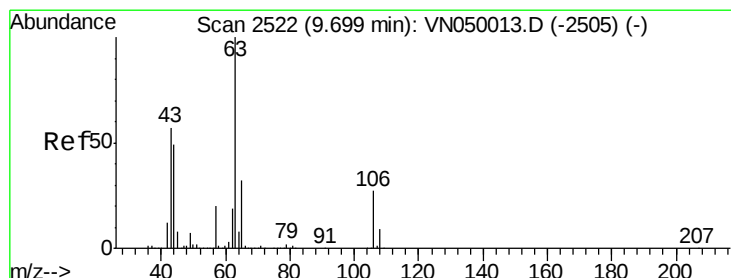
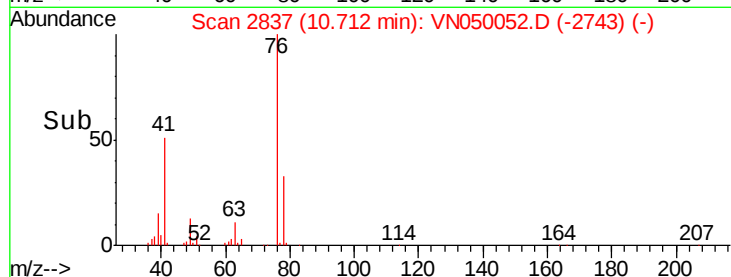
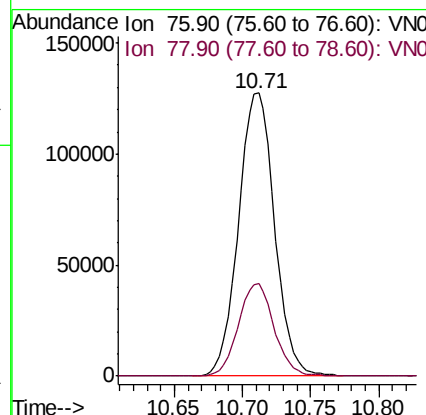
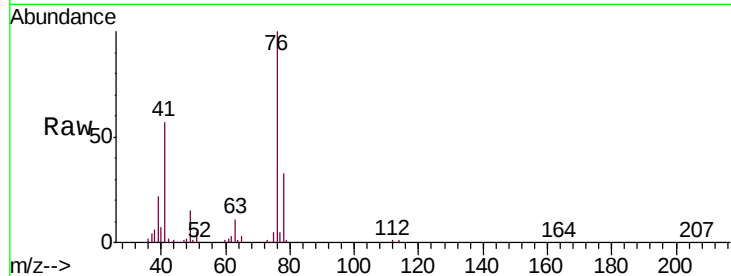




#57
 1,3-Dichloropropane
 Concen: 20.23 ug/l
 RT: 10.71 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

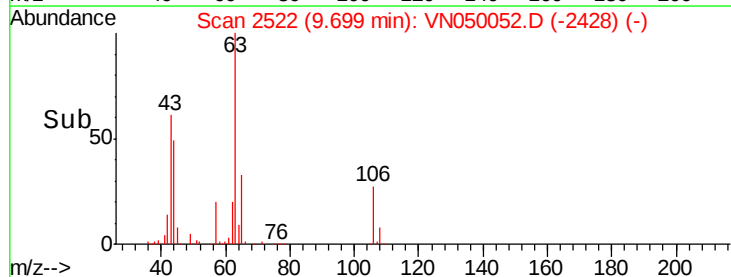
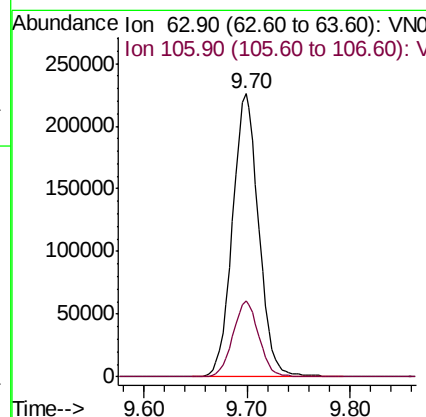
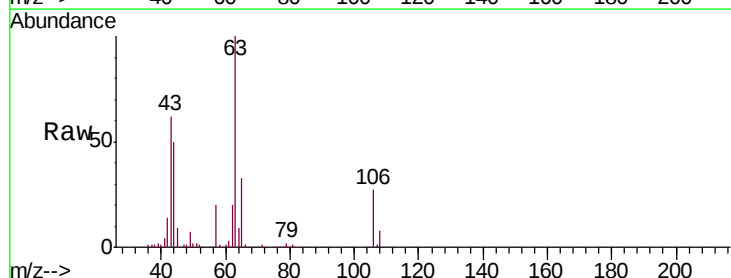
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

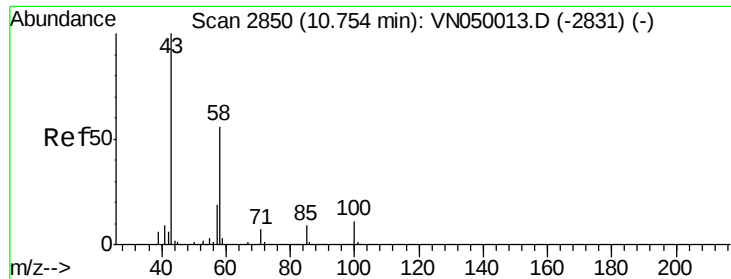
Tot Ion: 76 Resp: 233836
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.59 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Tgt Ion: 63 Resp: 400190
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.7 32.5

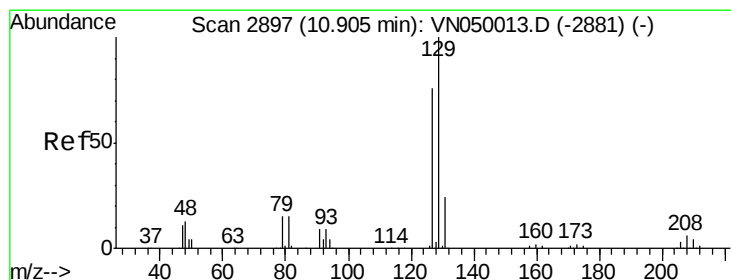
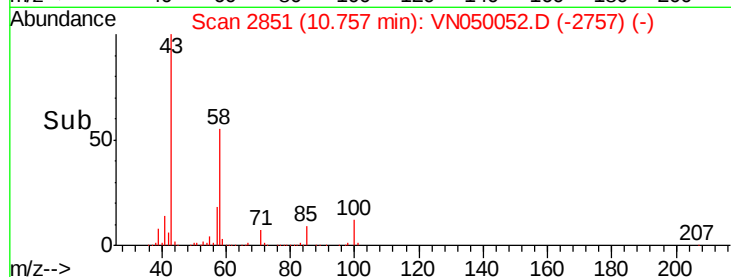
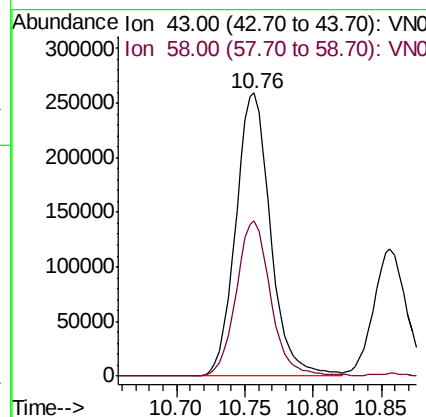
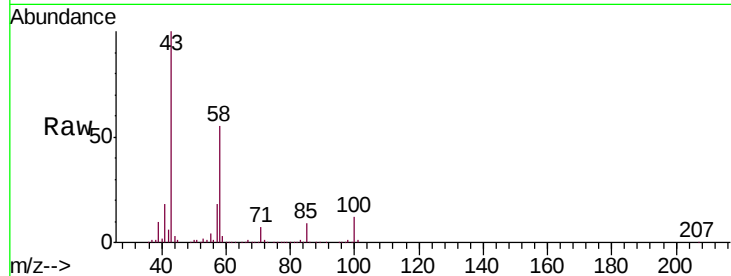




#59
2-Hexanone
Concen: 94.25 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

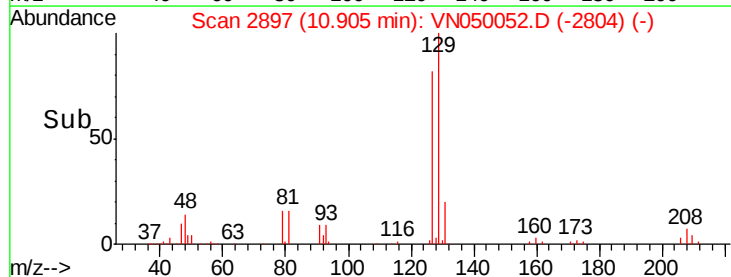
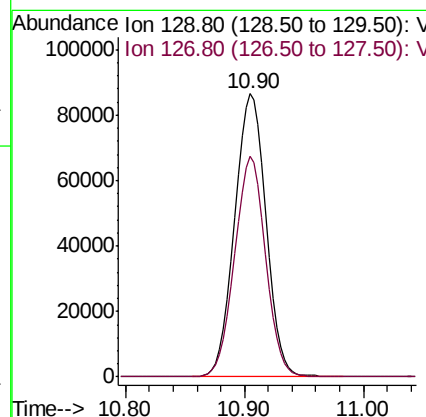
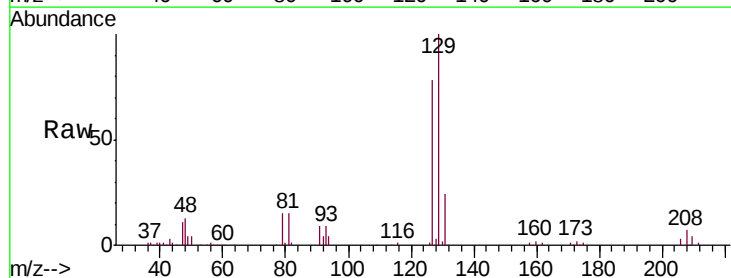
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBSD02

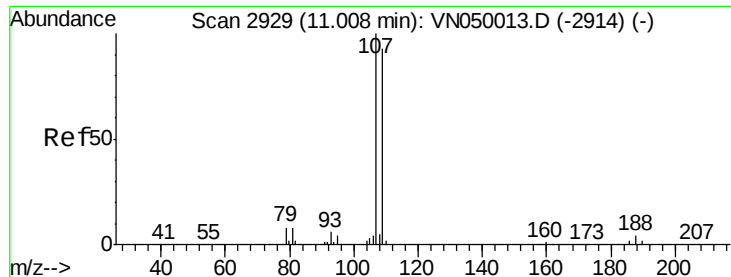
Tot Ion: 43 Resp: 456314
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.7



#60
Dibromochloromethane
Concen: 20.14 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion: 129 Resp: 158234
Ion Ratio Lower Upper
129 100
127 76.9 38.0 113.9

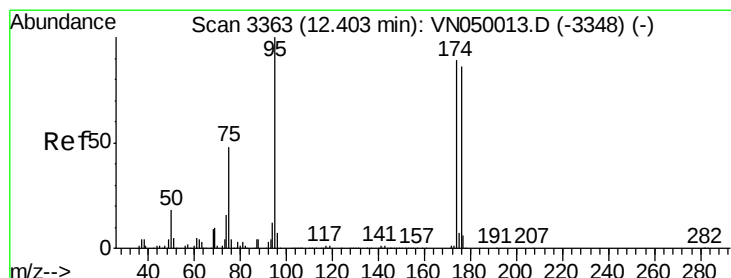
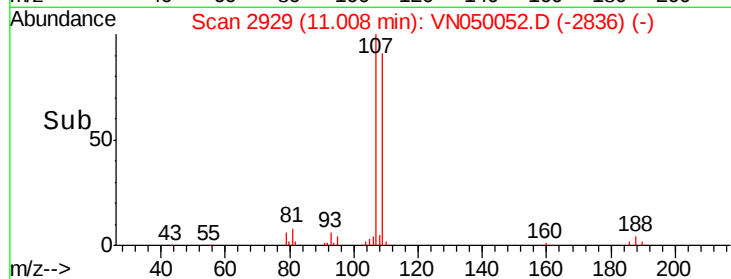
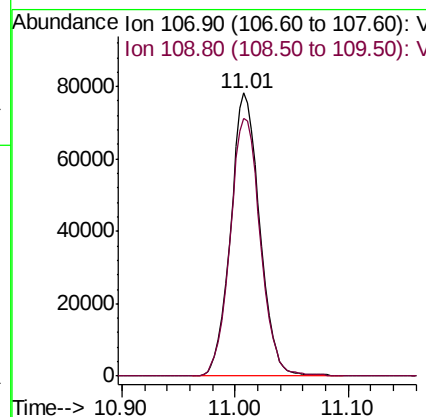
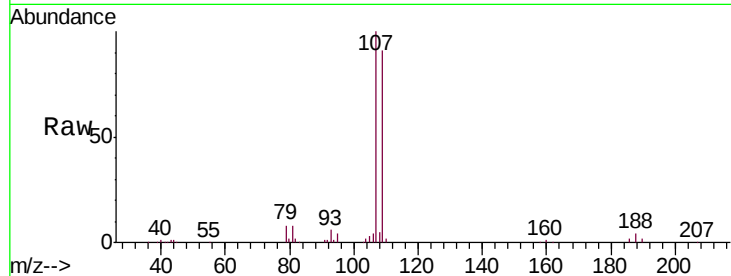




#61
 1,2-Dibromoethane
 Concen: 19.82 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

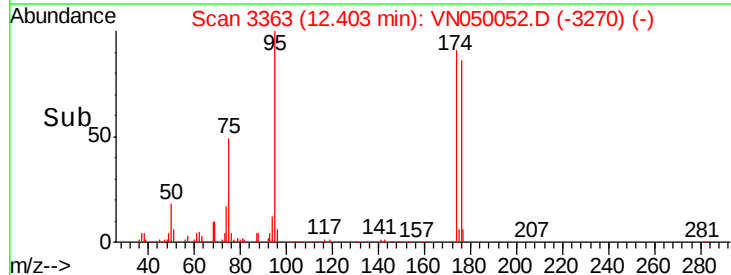
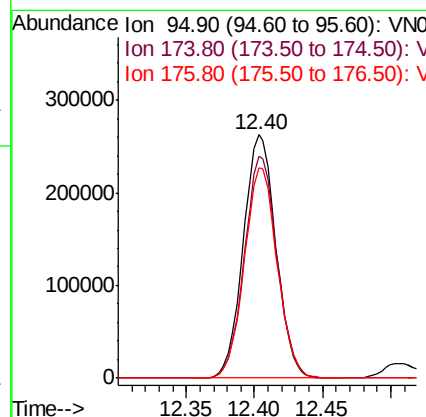
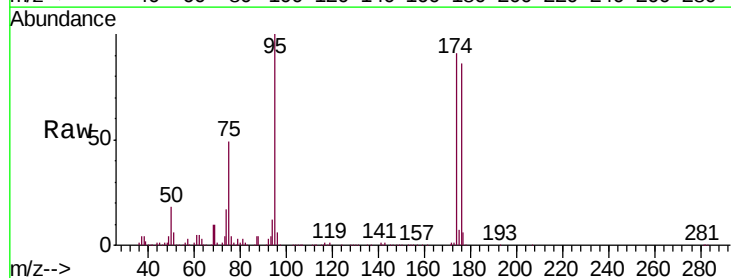
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

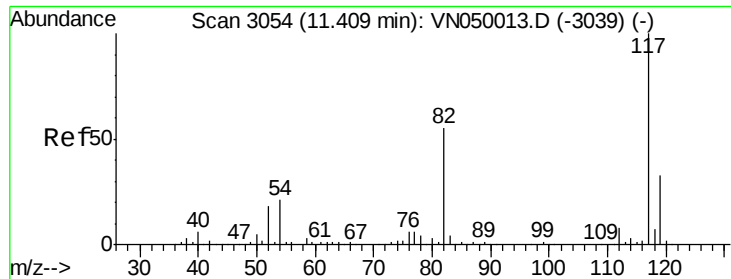
Tot Ion:107 Resp: 139569
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 49.88 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Tgt Ion: 95 Resp: 435865
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 178.2
 176 87.2 0.0 173.4

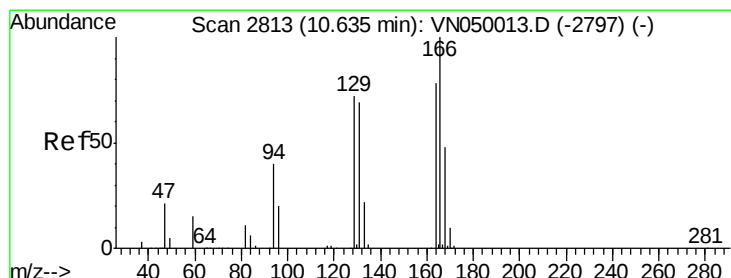
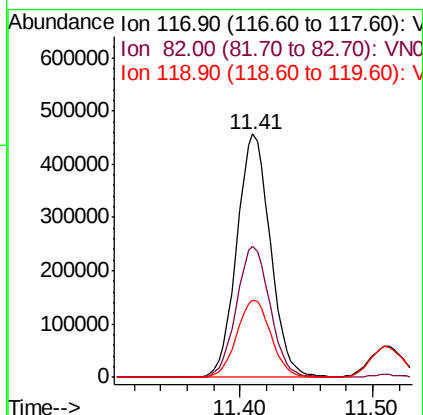
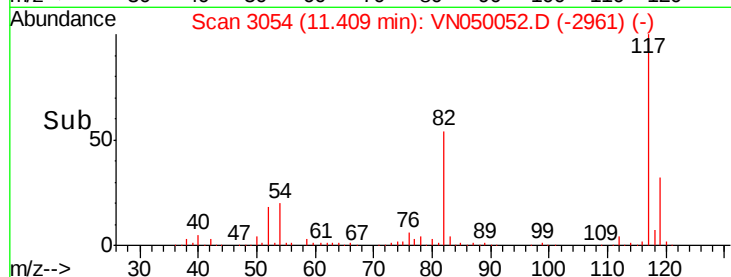
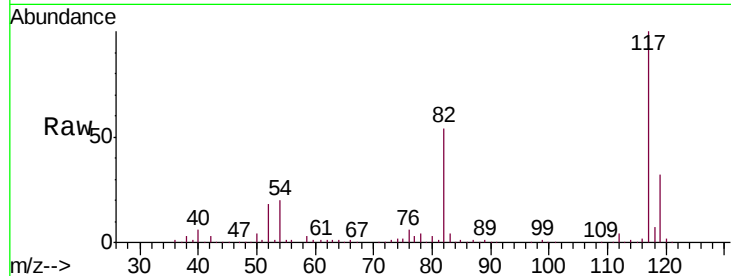




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

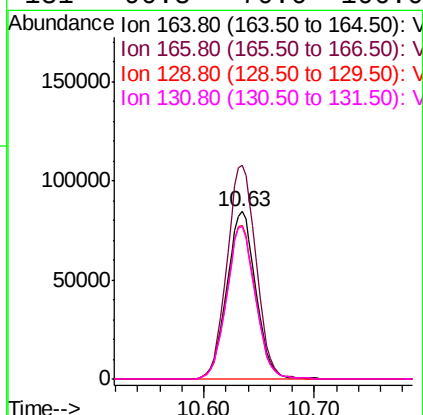
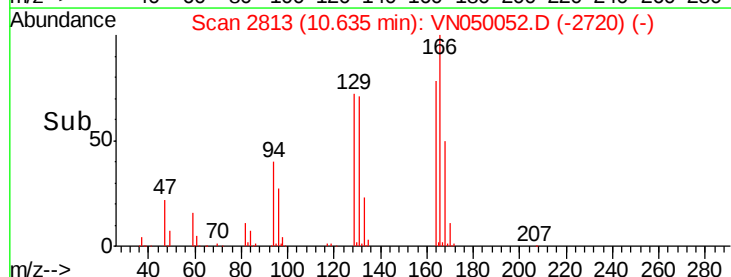
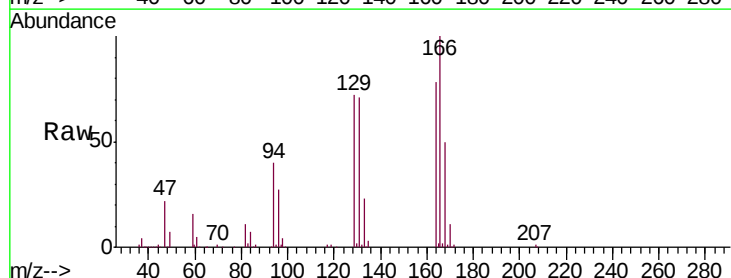
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBSD02

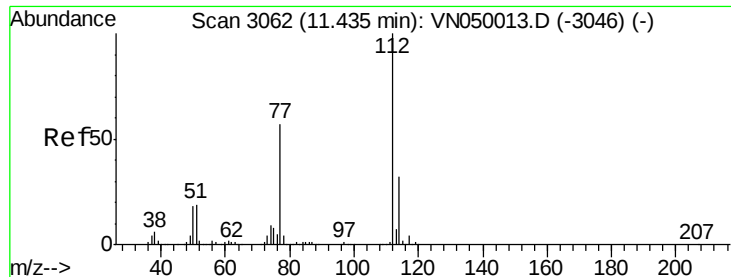
Tot Ion:117 Resp: 802956
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 31.7 26.1 39.1



#64
Tetrachloroethene
Concen: 19.89 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion:164 Resp: 153564
Ion Ratio Lower Upper
164 100
166 127.7 102.1 153.1
129 91.9 73.2 109.8
131 90.8 70.6 106.0

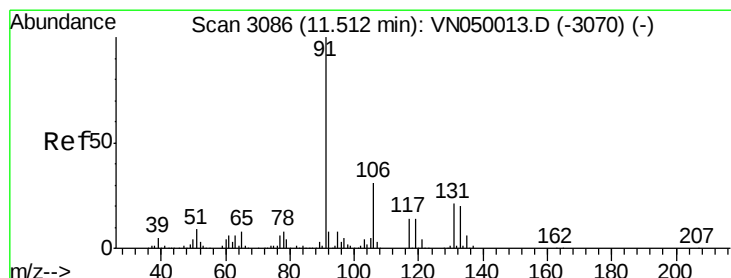
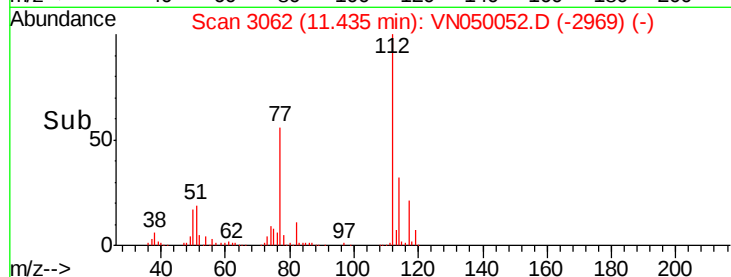
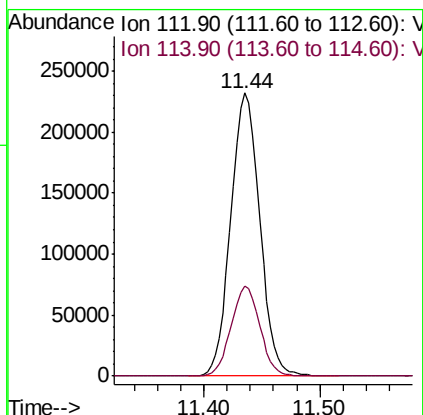
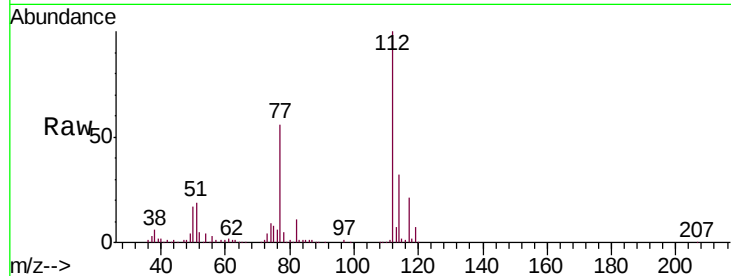




#65
Chlorobenzene
Concen: 19.89 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

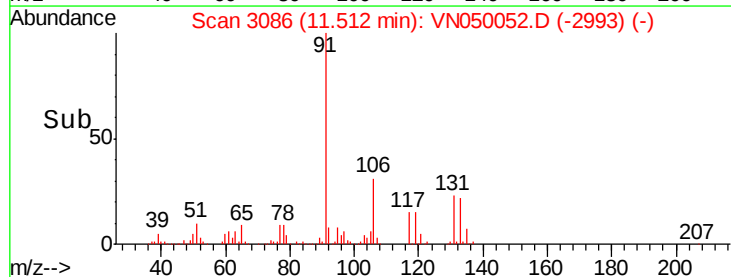
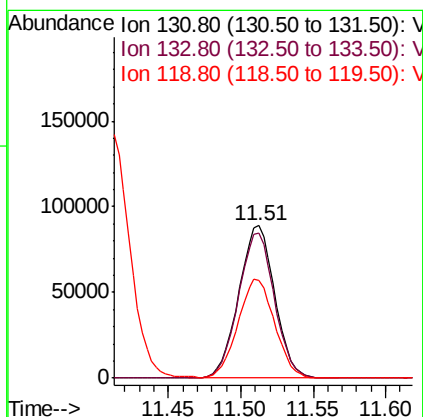
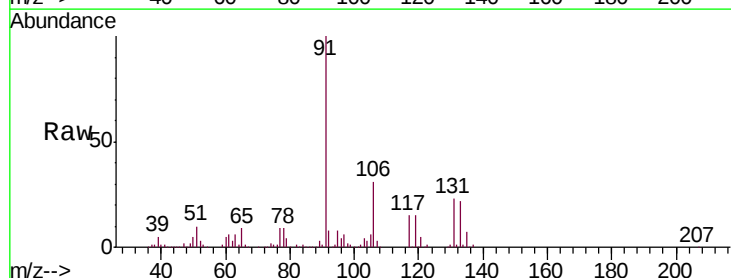
Instrument :
MSVOA_N
ClientSampled :
VN0725WBSD02

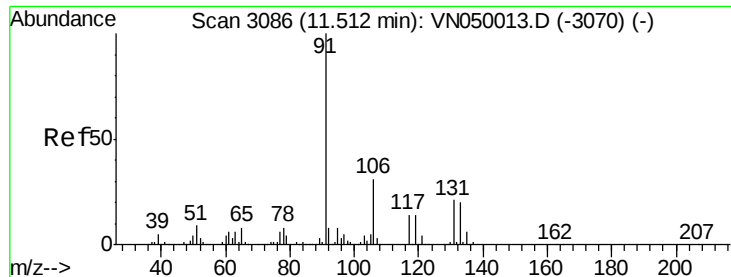
Tot Ion:112 Resp: 403321
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.70 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion:131 Resp: 153513
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 66.3 32.9 98.7





#67

Ethyl Benzene

Concen: 20.09 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleID :

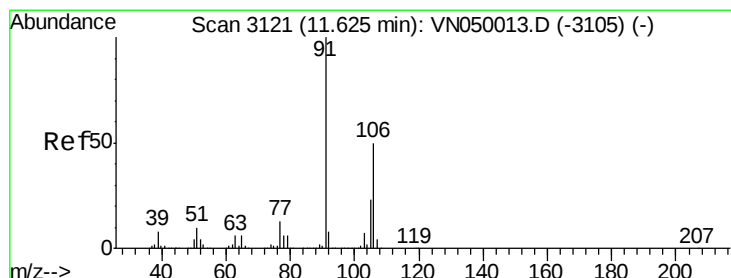
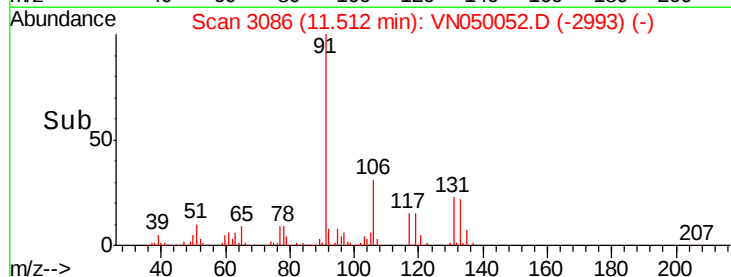
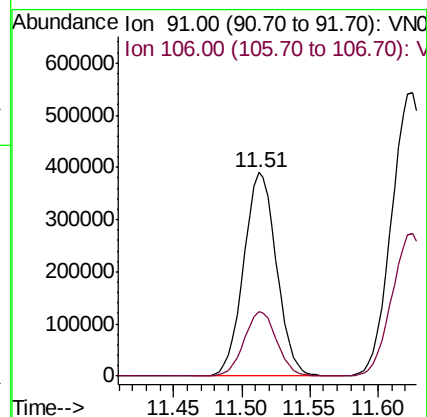
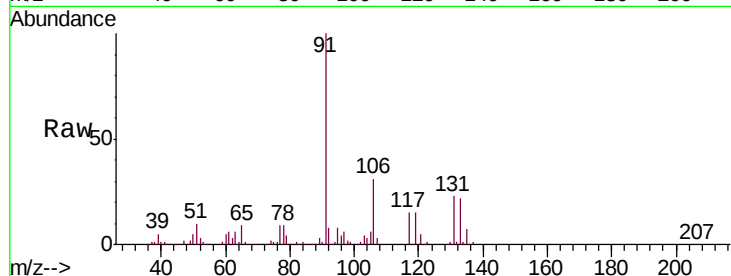
VN0725WBSD02

Tot Ion: 91 Resp: 654398

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4



#68

m/p-Xylenes

Concen: 42.14 ug/l

RT: 11.62 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN050052.D

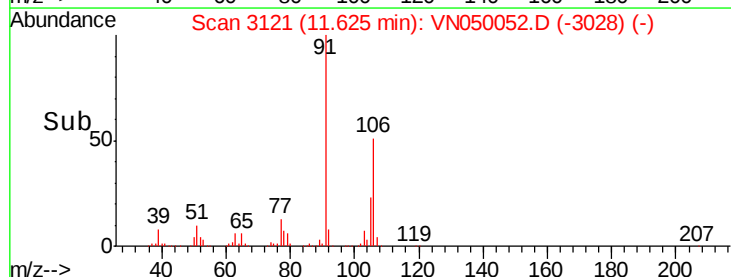
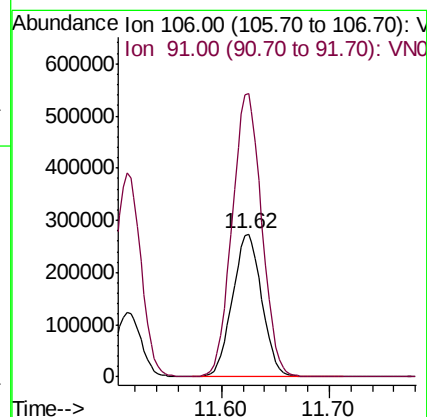
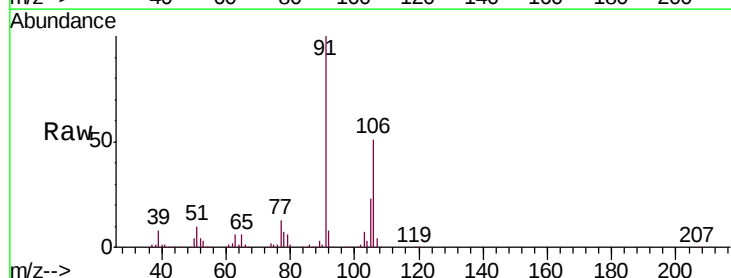
Acq: 25 Jul 2018 19:20

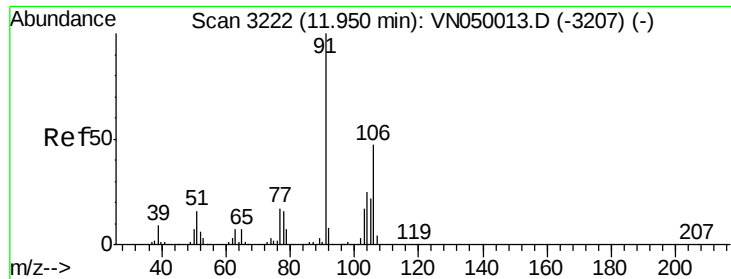
Tgt Ion: 106 Resp: 519322

Ion Ratio Lower Upper

106 100

91 199.9 162.2 243.2

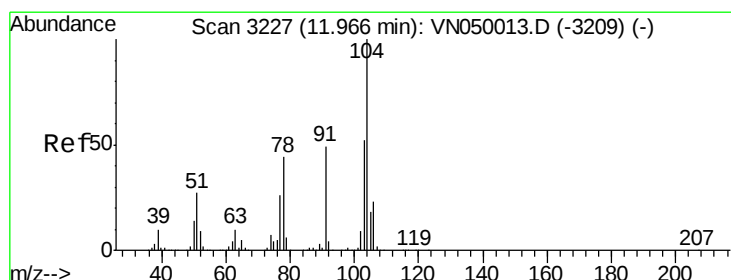
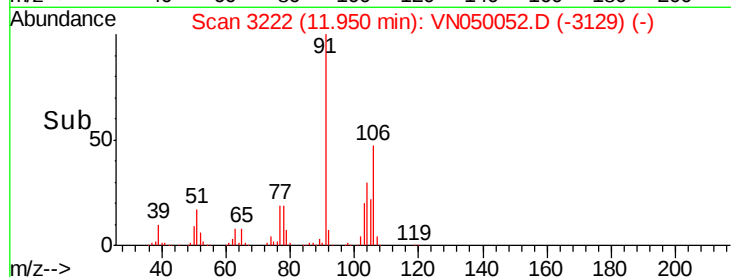
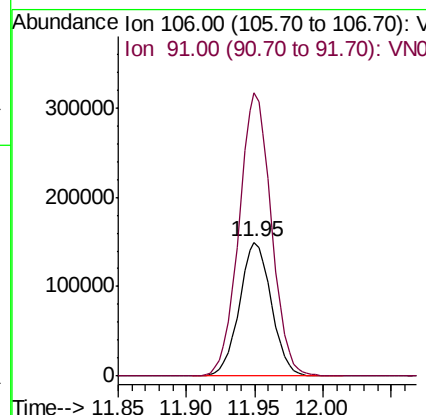
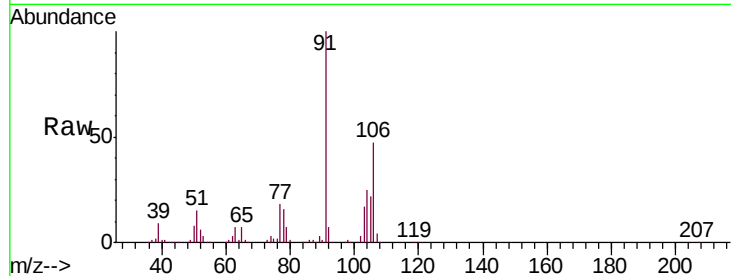




#69
o-Xylene
Concen: 20.70 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

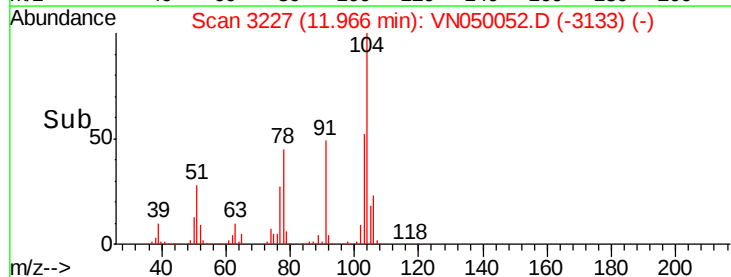
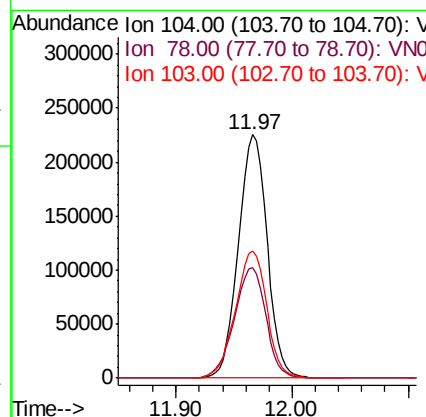
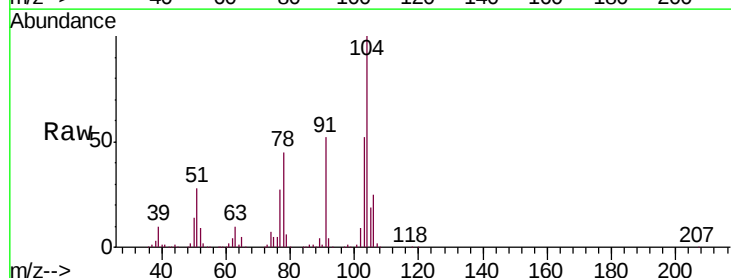
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBSD02

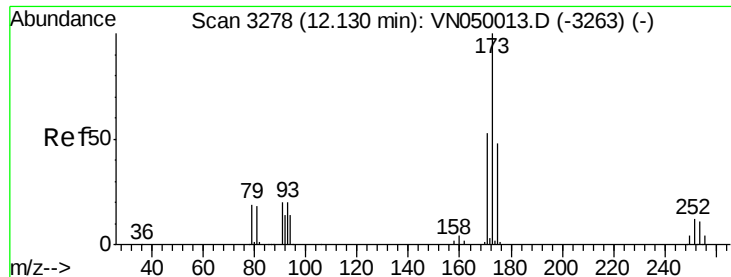
Tot Ion:106 Resp: 243157
Ion Ratio Lower Upper
106 100
91 214.2 107.7 323.1



#70
Styrene
Concen: 19.13 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion:104 Resp: 387508
Ion Ratio Lower Upper
104 100
78 49.8 39.3 58.9
103 57.1 45.0 67.6





#71

Bromoform

Concen: 19.72 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

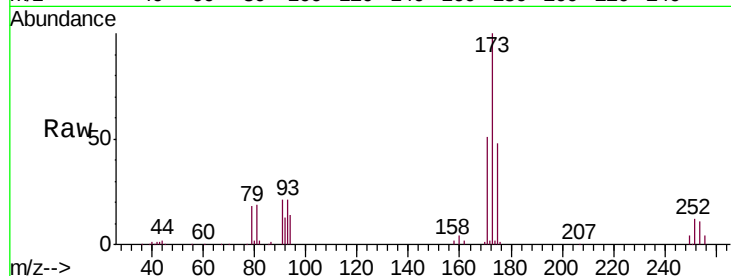
Tot Ion:173 Resp: 111787

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.2

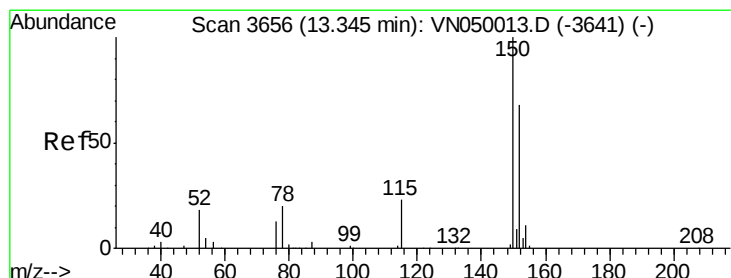
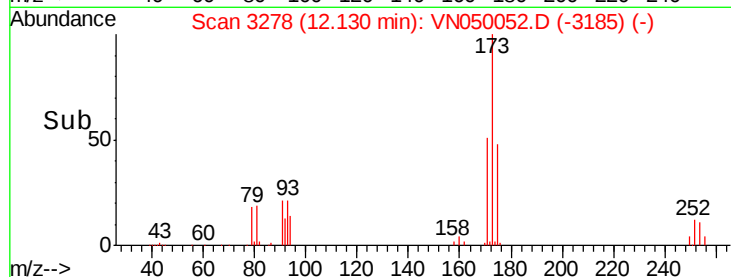
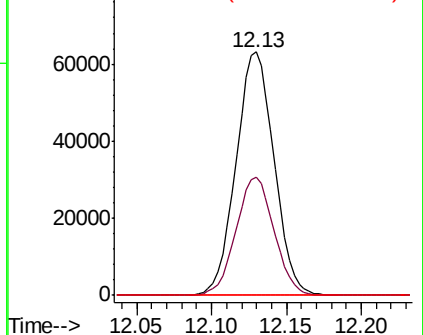
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

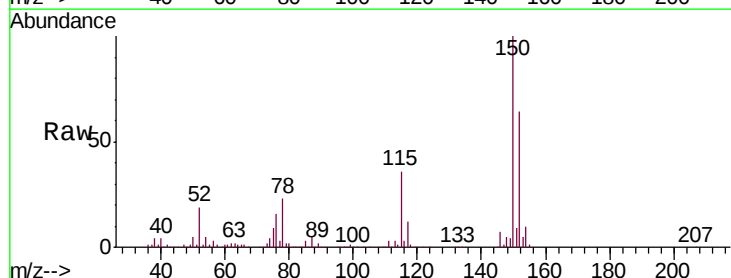
Tgt Ion:152 Resp: 398921

Ion Ratio Lower Upper

152 100

115 56.4 27.8 83.3

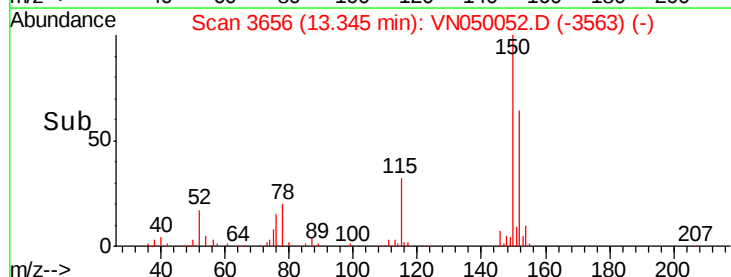
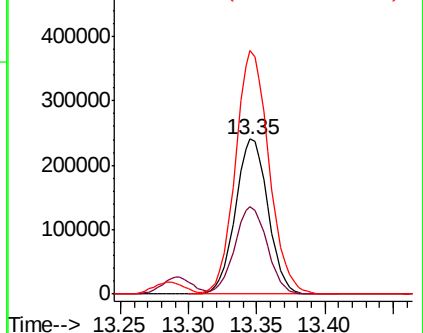
150 161.6 0.0 348.6

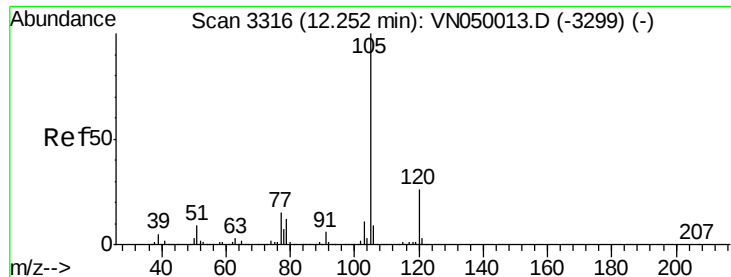


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.96 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

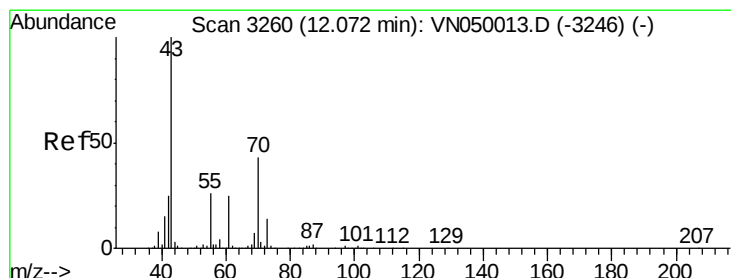
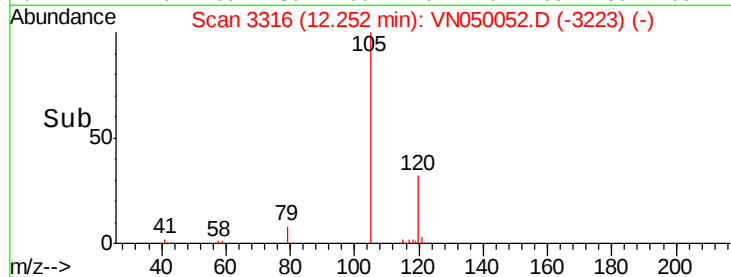
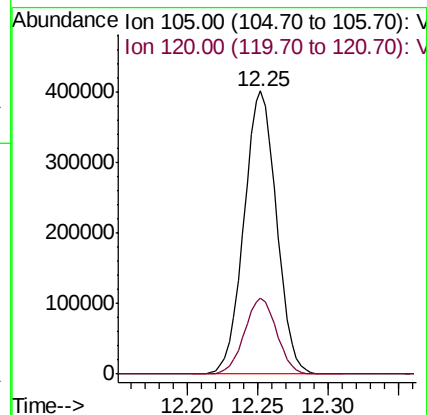
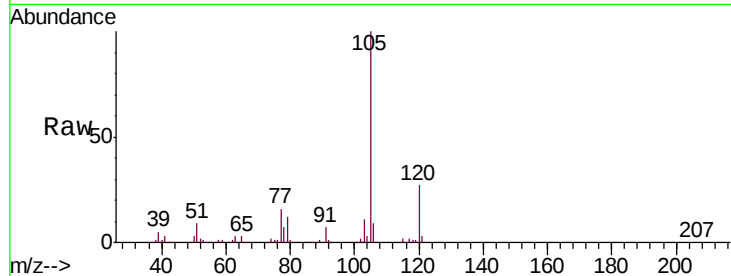
VN0725WBSD02

Tot Ion:105 Resp: 648441

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 19.09 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Tgt Ion: 43 Resp: 180484

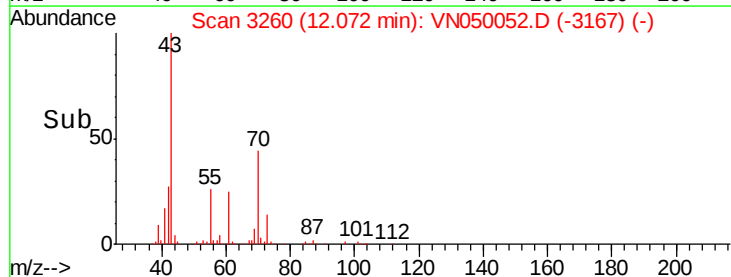
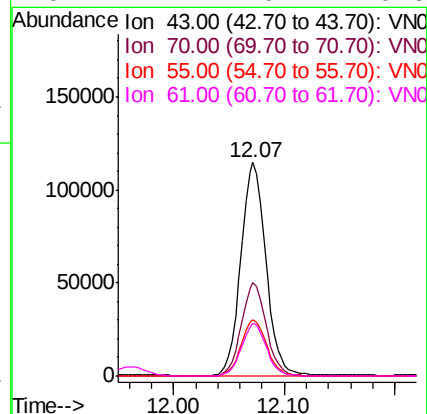
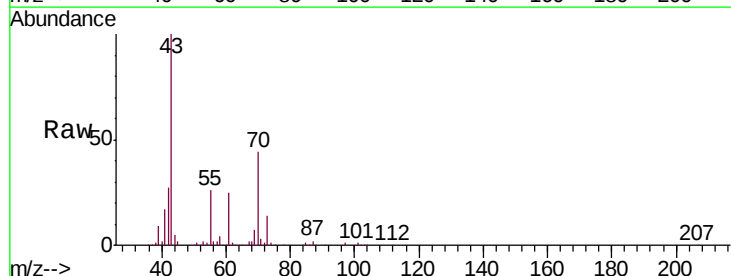
Ion Ratio Lower Upper

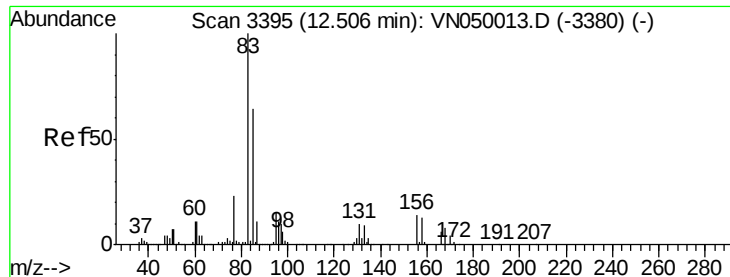
43 100

70 43.5 34.4 51.6

55 27.1 20.8 31.2

61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.25 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

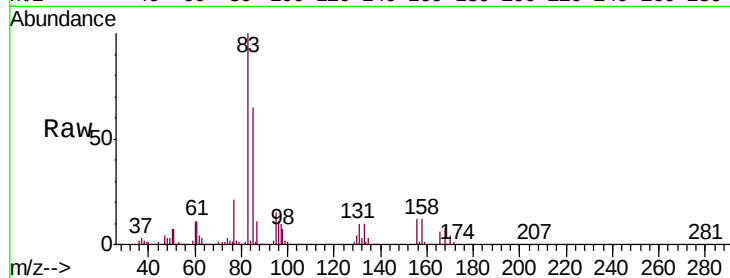
Tot Ion: 83 Resp: 184020

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.3
85	64.8	32.3	96.8

83 100

131 10.5 5.1 15.3

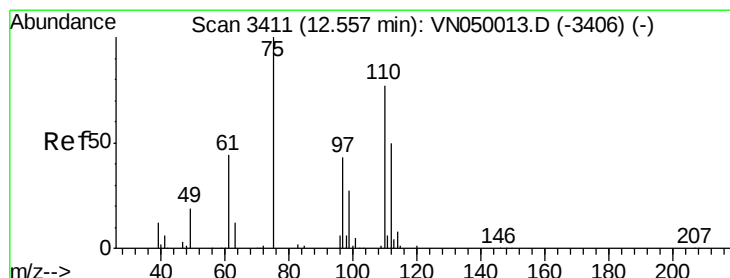
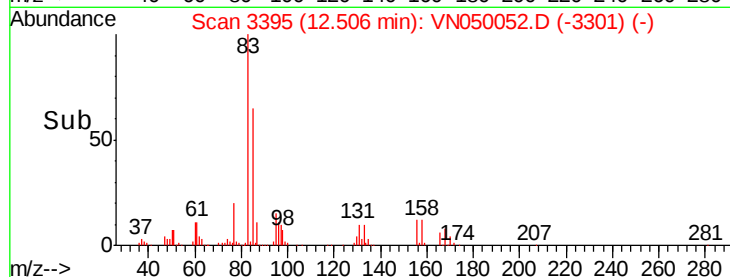
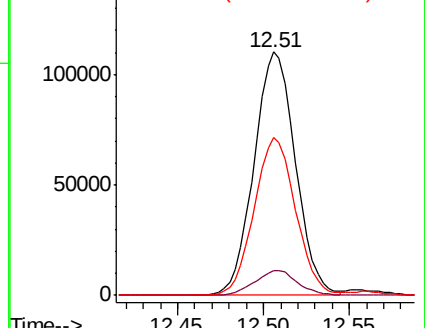
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.14 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050052.D

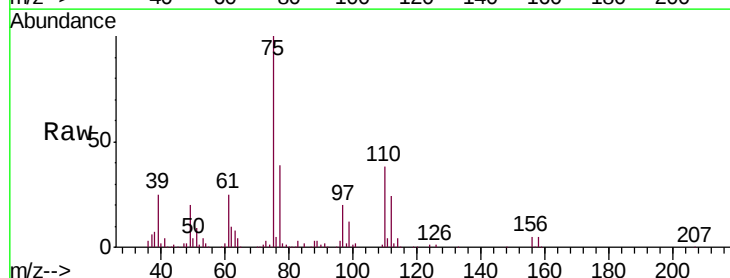
Acq: 25 Jul 2018 19:20

Tgt Ion: 75 Resp: 216008

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

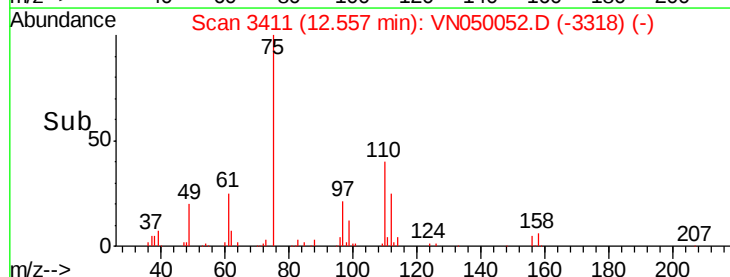
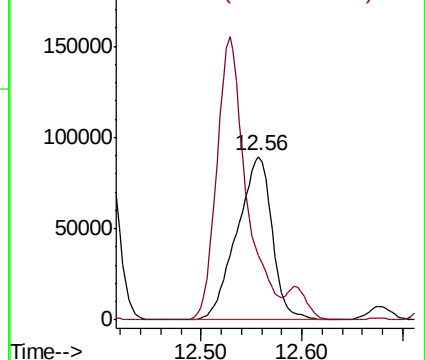
75 100

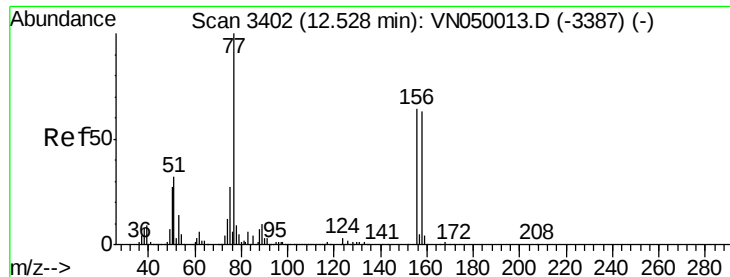
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.03 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

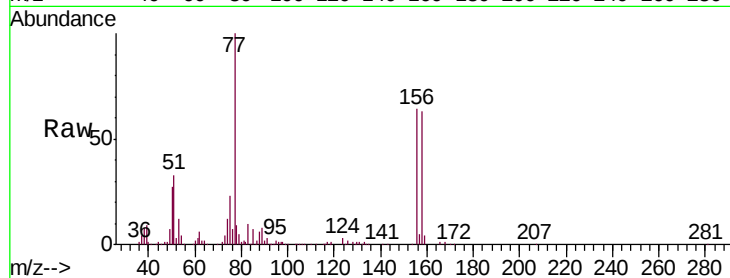
Tot Ion:156 Resp: 171772

Ion Ratio Lower Upper

156 100

77 184.4 91.7 275.1

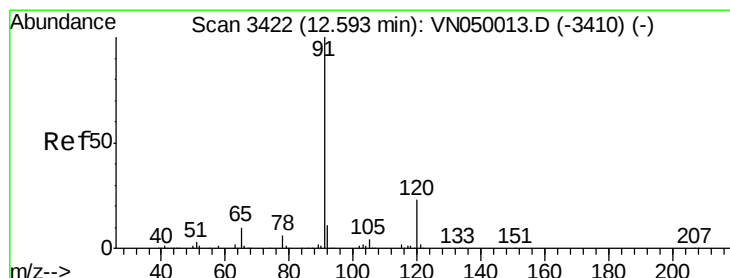
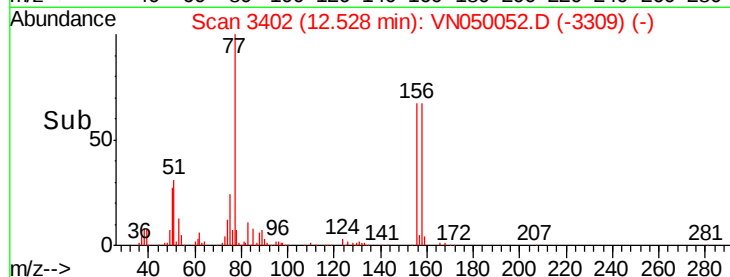
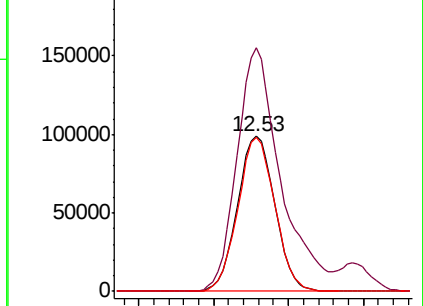
158 98.1 48.9 146.6



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: 21.38 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050052.D

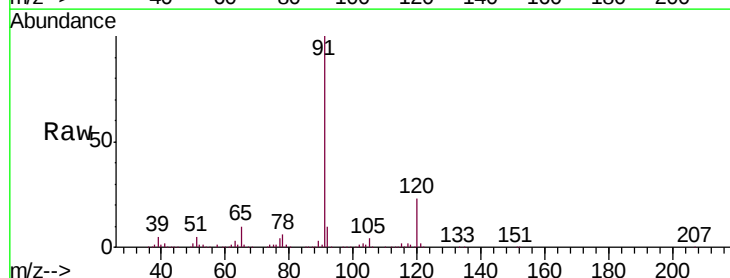
Acq: 25 Jul 2018 19:20

Tgt Ion: 91 Resp: 739412

Ion Ratio Lower Upper

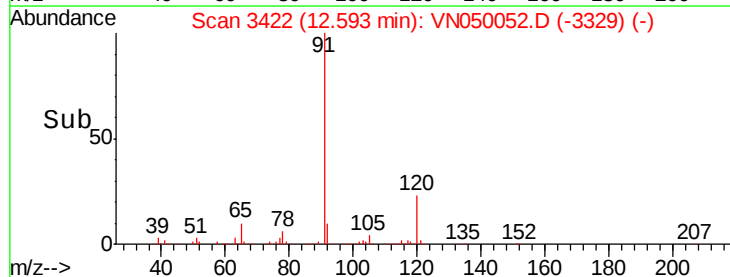
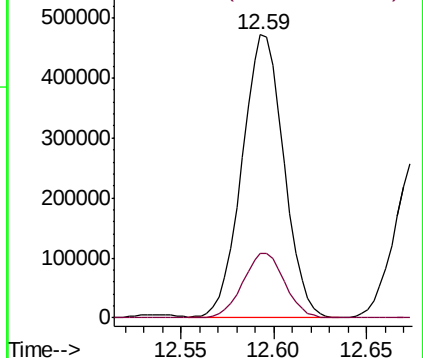
91 100

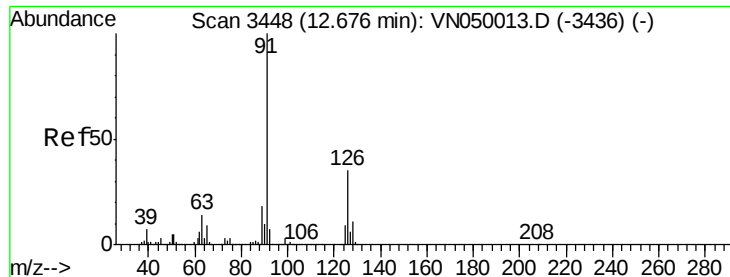
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.06 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

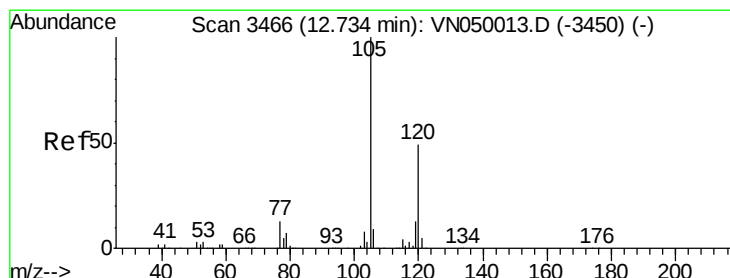
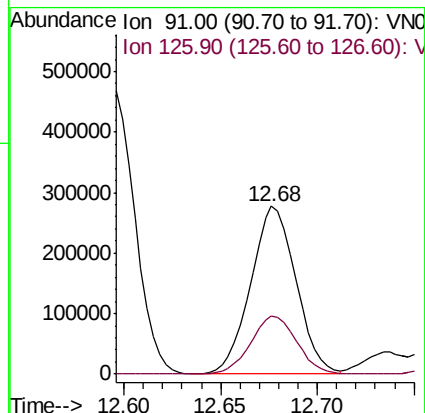
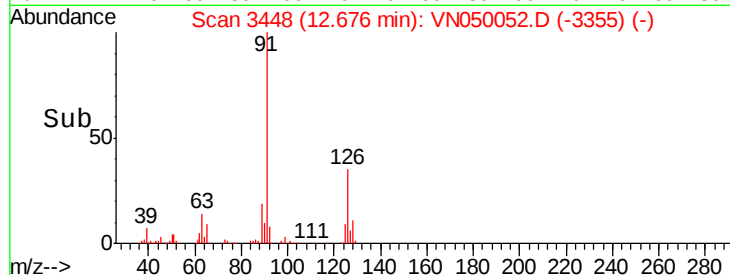
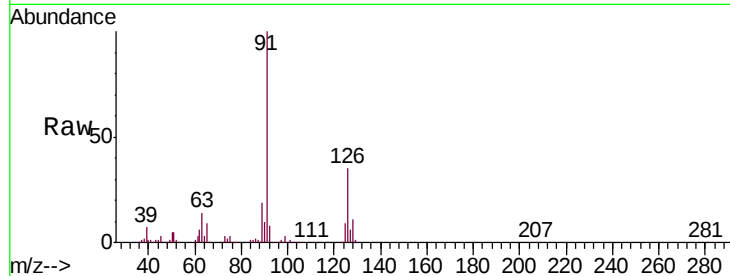
VN0725WBSD02

Tot Ion: 91 Resp: 451321

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.91 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050052.D

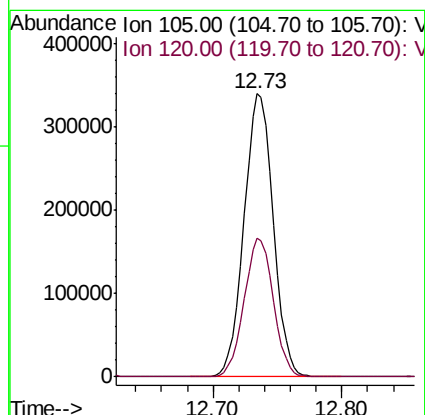
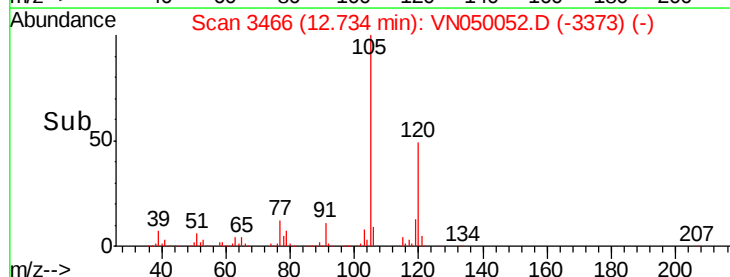
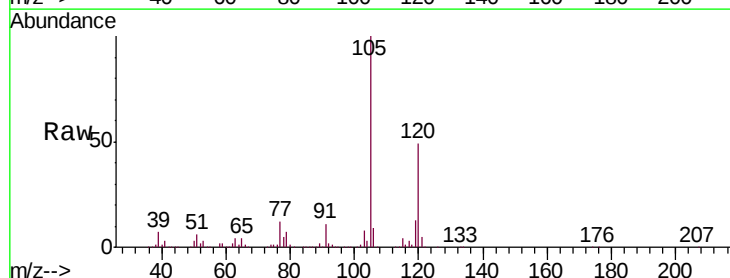
Acq: 25 Jul 2018 19:20

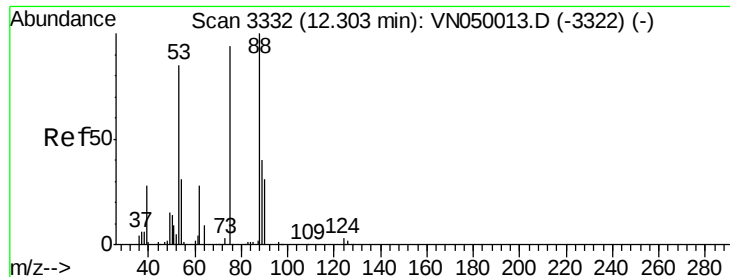
Tgt Ion: 105 Resp: 533184

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.16 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

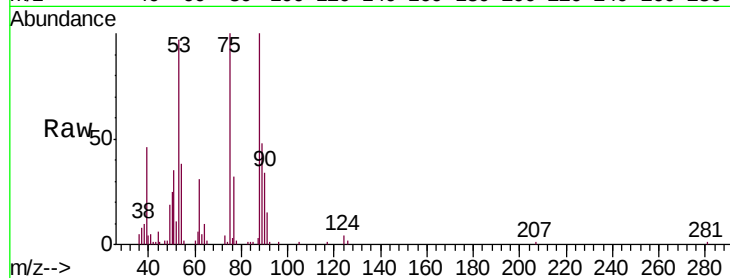
Tot Ion: 75 Resp: 44784

Ion Ratio Lower Upper

75 100

53 97.1 73.5 110.3

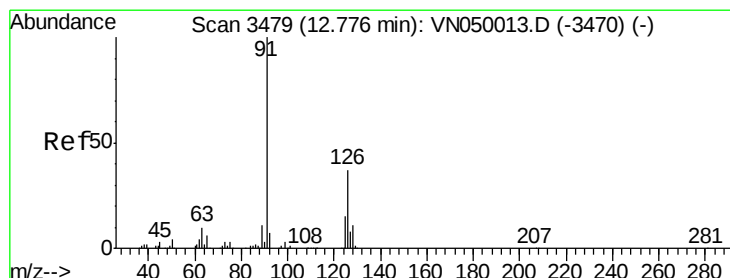
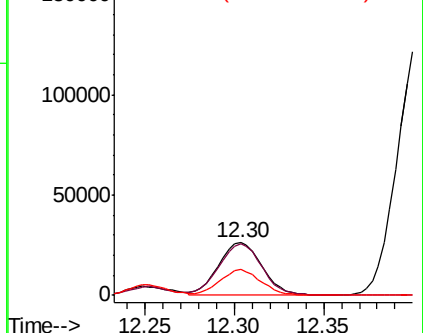
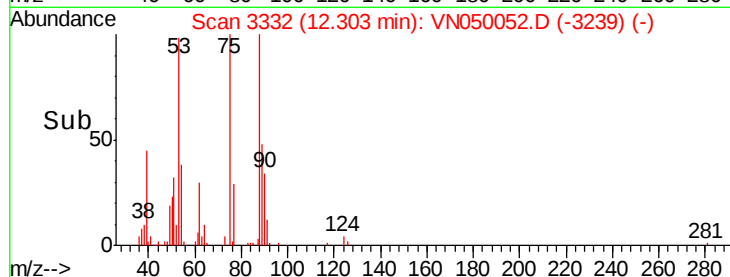
89 46.8 36.0 54.0



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: 21.10 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050052.D

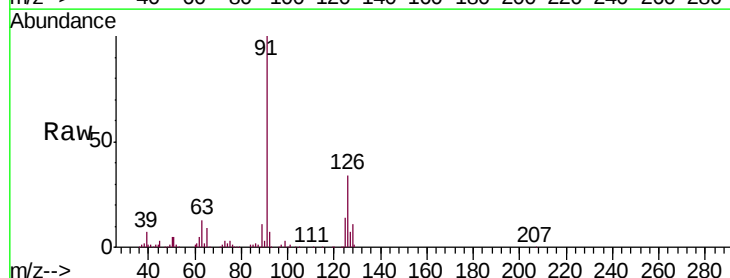
Acq: 25 Jul 2018 19:20

Tgt Ion: 91 Resp: 447814

Ion Ratio Lower Upper

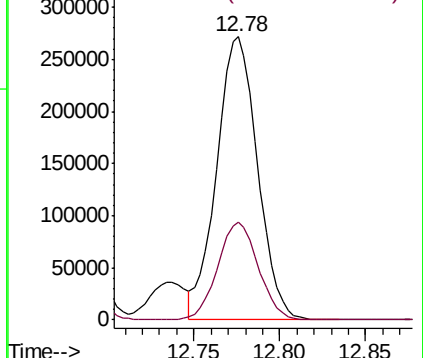
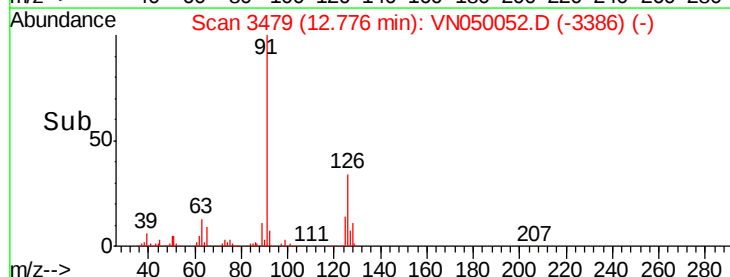
91 100

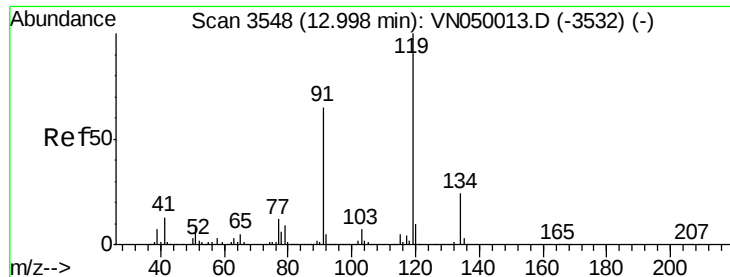
126 34.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.27 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

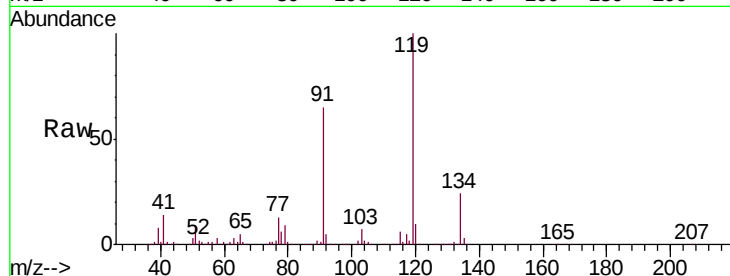
Tot Ion:119 Resp: 451664

Ion Ratio Lower Upper

119 100

91 64.8 32.1 96.3

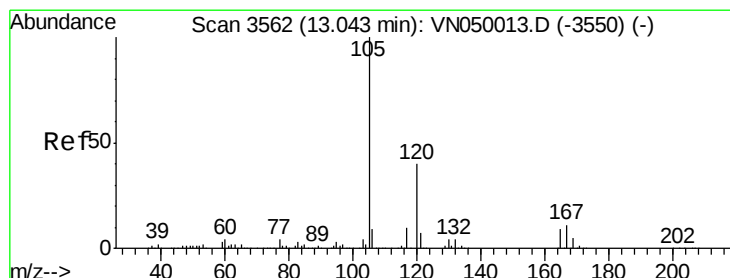
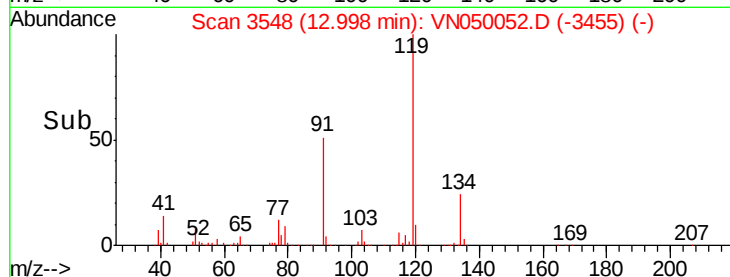
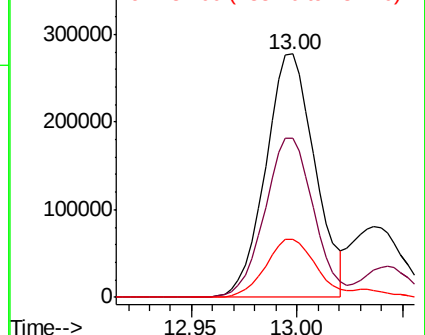
134 24.7 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.42 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050052.D

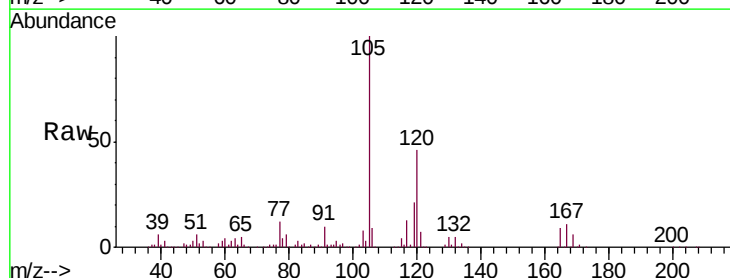
Acq: 25 Jul 2018 19:20

Tgt Ion:105 Resp: 549975

Ion Ratio Lower Upper

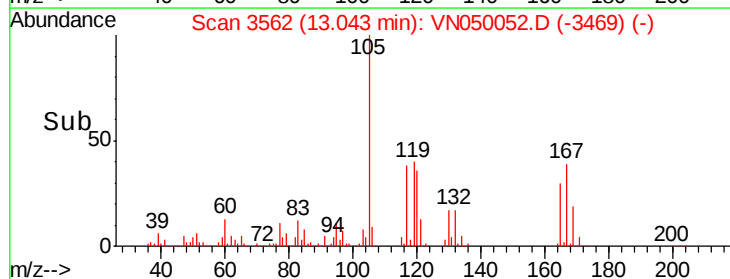
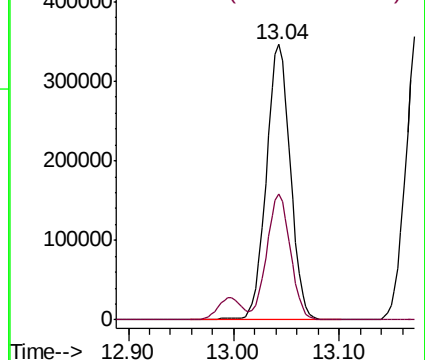
105 100

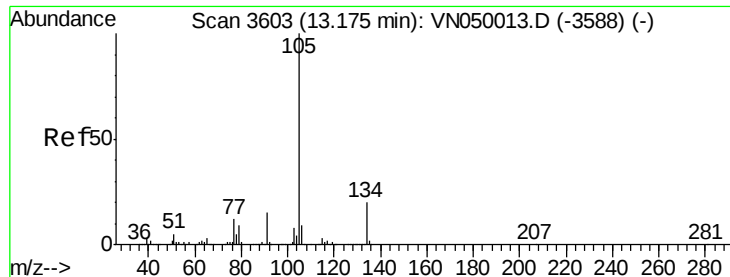
120 45.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

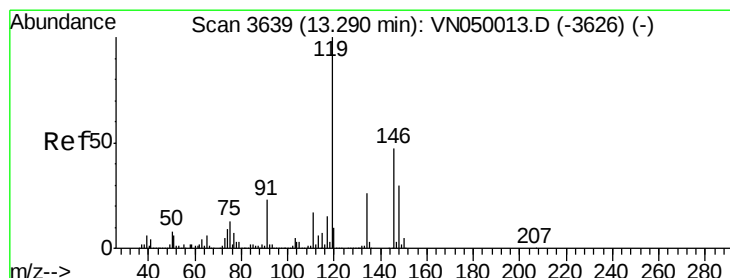
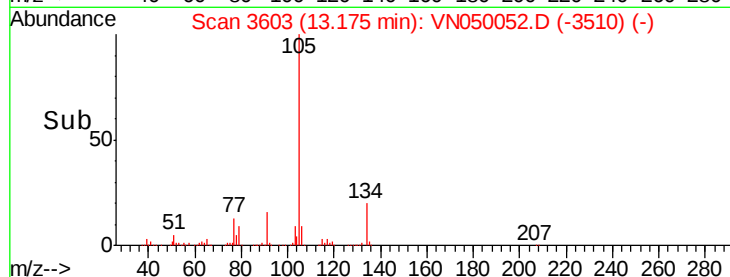
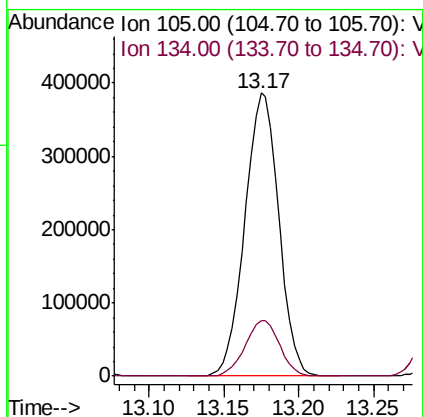
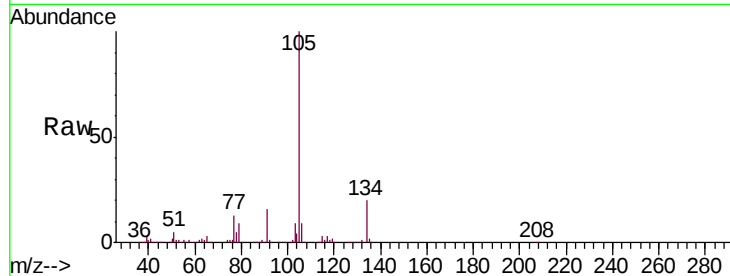




#85
 sec-Butylbenzene
 Concen: 21.43 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

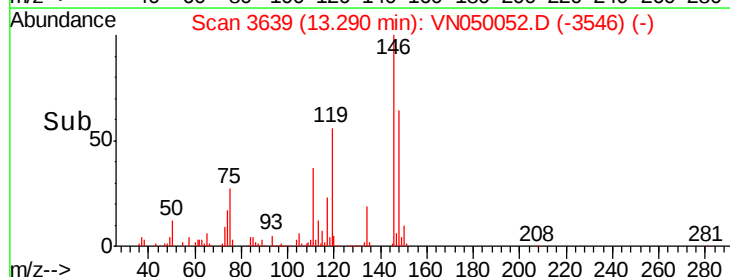
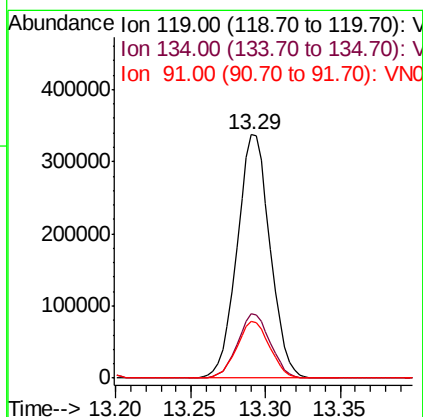
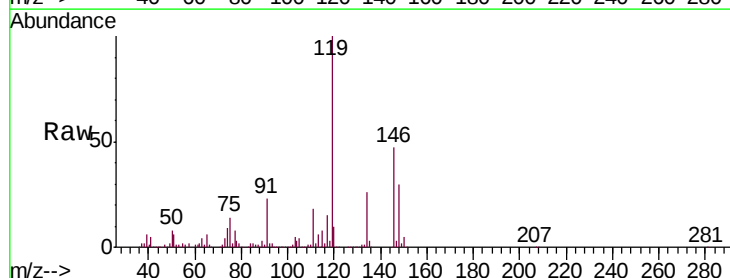
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

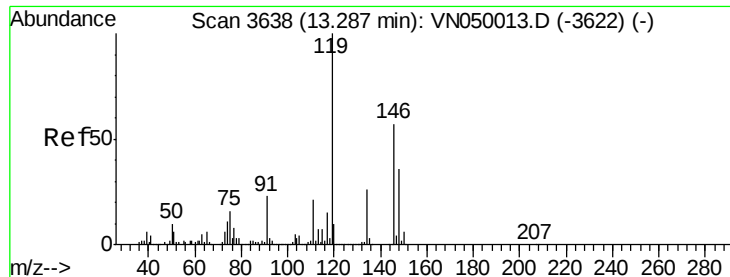
Tot Ion:105 Resp: 608125
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.55 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Tgt Ion:119 Resp: 515324
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.3 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 20.06 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

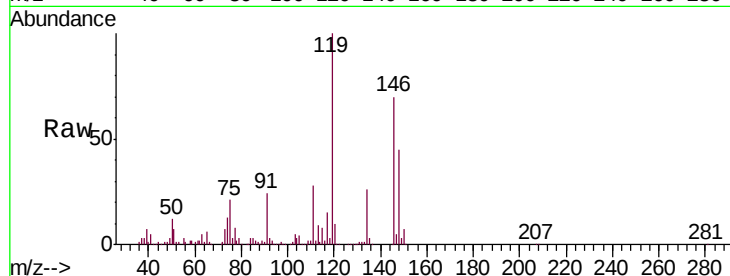
Tot Ion:146 Resp: 291615

Ion Ratio Lower Upper

146 100

111 38.1 18.8 56.4

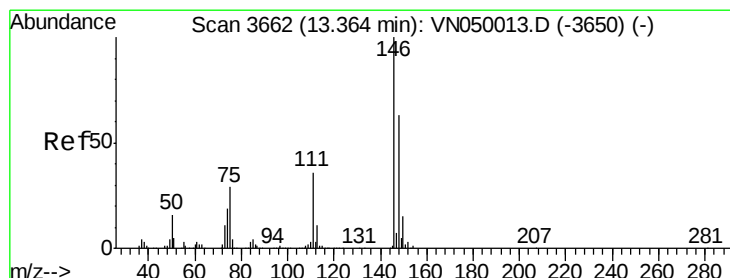
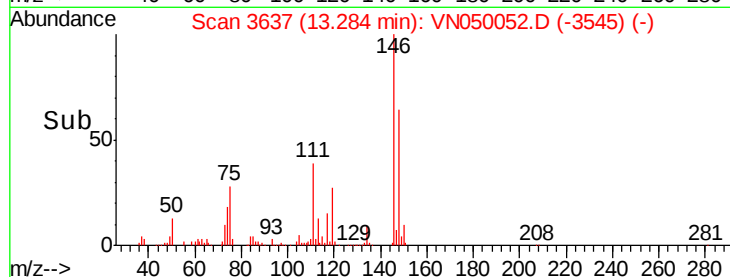
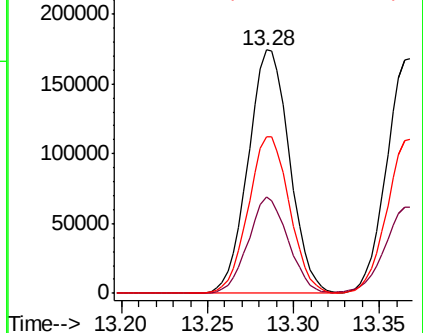
148 64.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.01 ug/l

RT: 13.37 min Scan# 3663

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

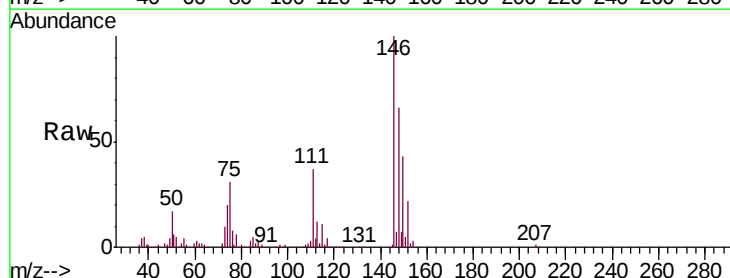
Tgt Ion:146 Resp: 283445

Ion Ratio Lower Upper

146 100

111 38.0 18.3 54.9

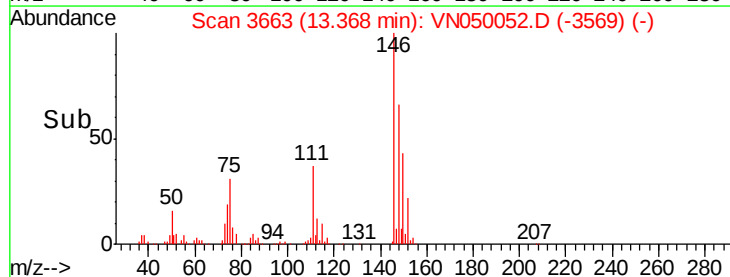
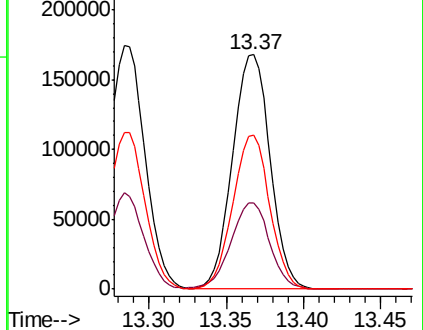
148 64.7 31.9 95.9

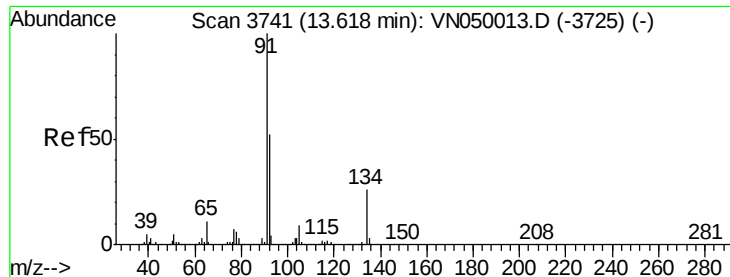


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

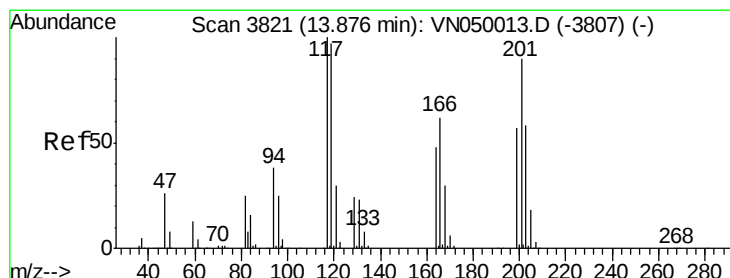
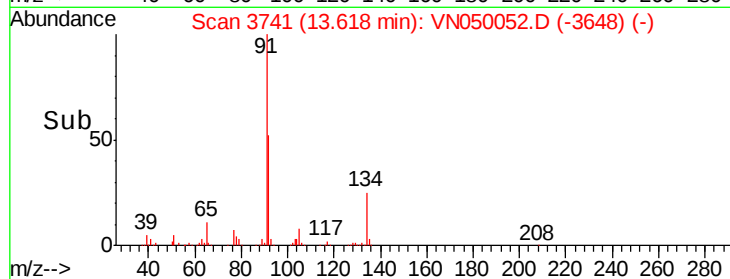
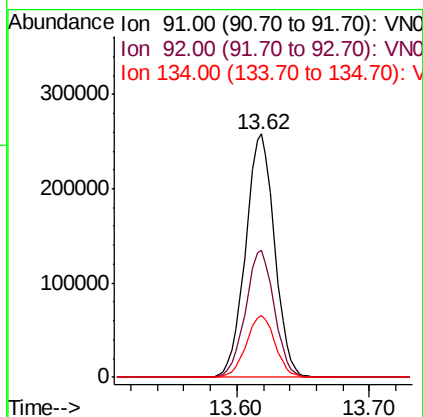
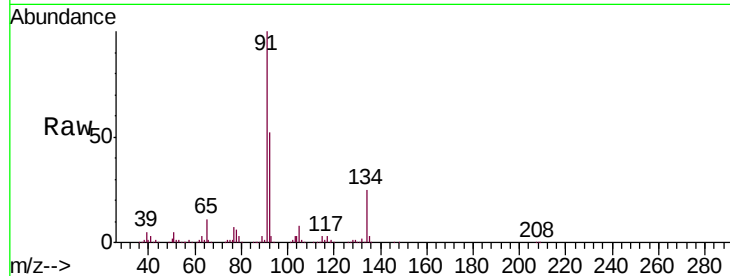




#89
n-Butylbenzene
Concen: 19.87 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

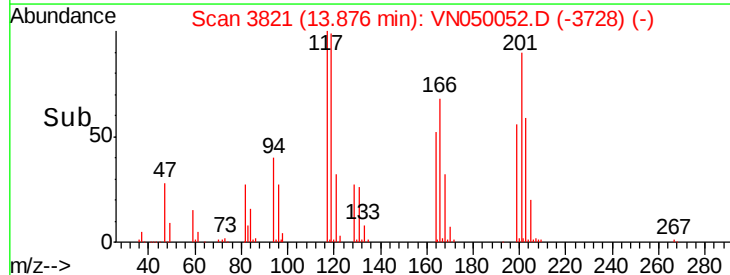
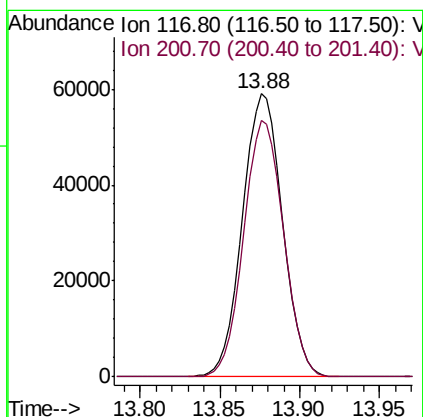
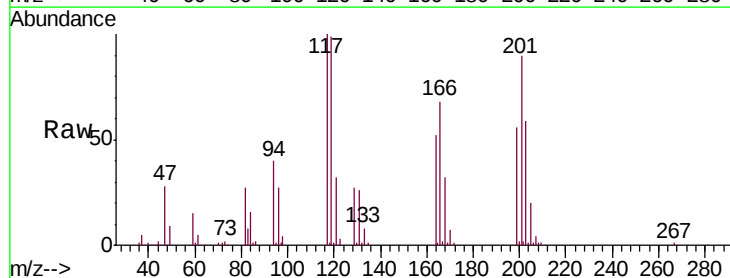
Instrument :
MSVOA_N
ClientSampled :
VN0725WBSD02

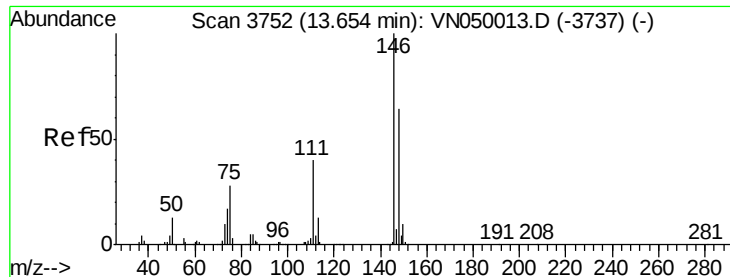
Tot Ion: 91 Resp: 390628
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.4
134 25.3 12.8 38.4



#90
Hexachloroethane
Concen: 19.00 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion: 117 Resp: 100879
Ion Ratio Lower Upper
117 100
201 89.9 45.6 136.8





#91

1,2-Dichlorobenzene

Concen: 20.54 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBSD02

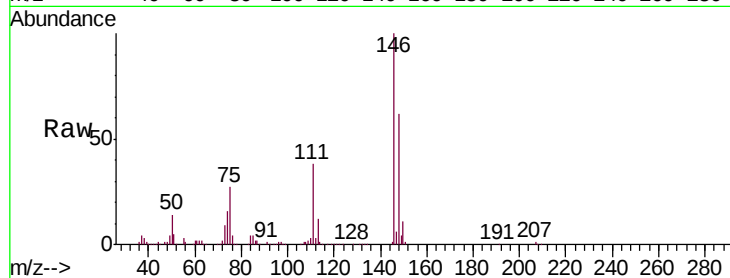
Tot Ion:146 Resp: 298482

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

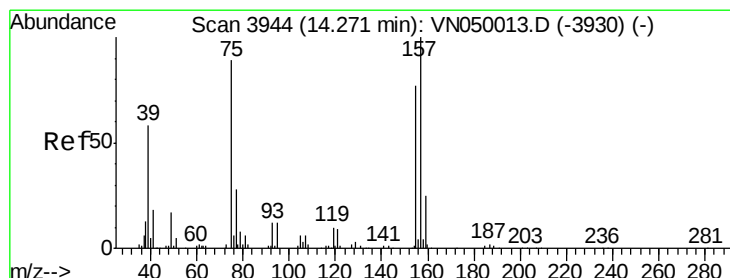
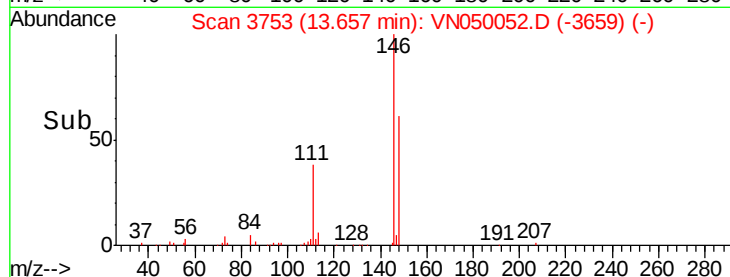
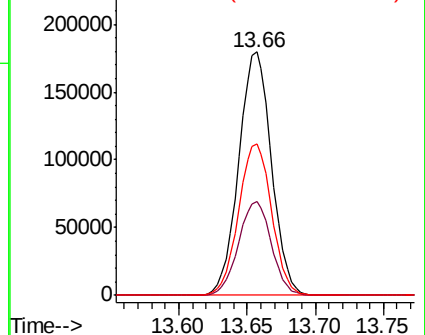
148 63.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.88 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050052.D

Acq: 25 Jul 2018 19:20

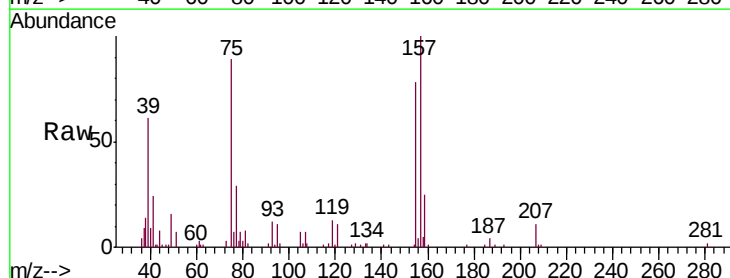
Tgt Ion: 75 Resp: 28072

Ion Ratio Lower Upper

75 100

155 91.6 44.8 134.4

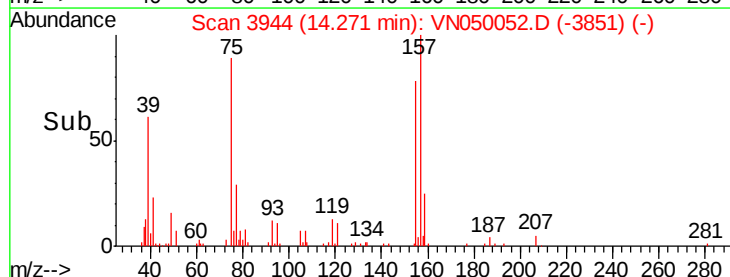
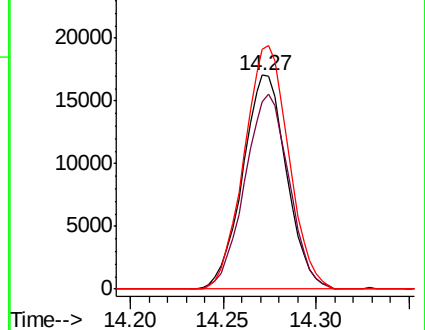
157 115.3 57.2 171.6

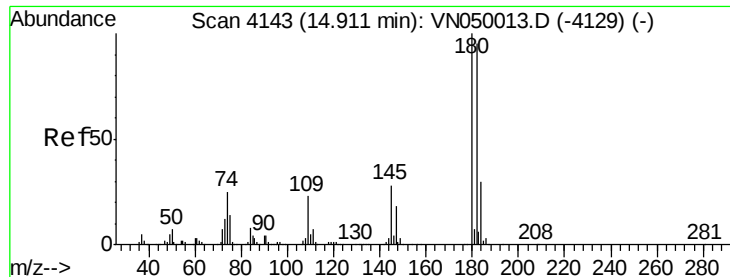


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

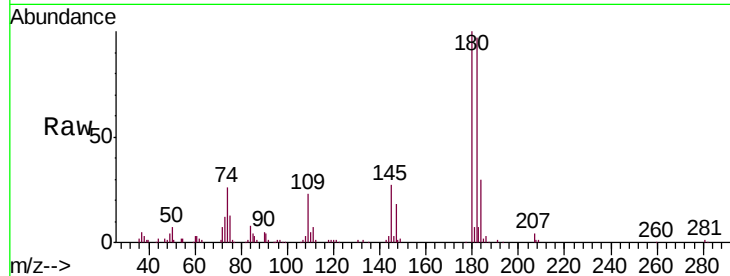




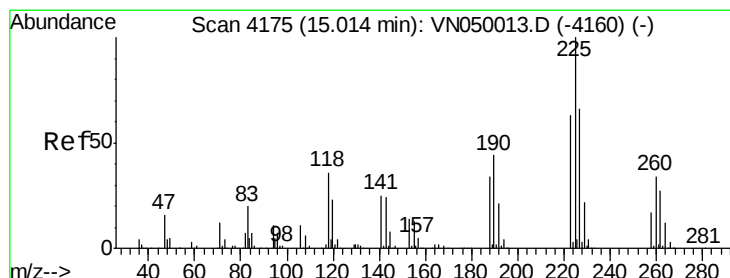
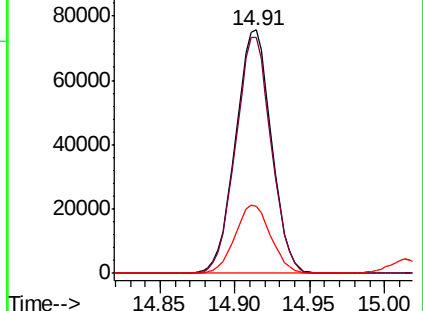
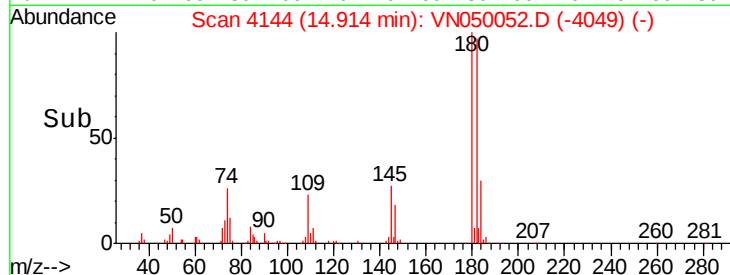
#93
 1,2,4-Trichlorobenzene
 Concen: 18.43 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD02

Tot Ion:180 Resp: 126061
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.7 140.1
 145 27.9 13.8 41.4

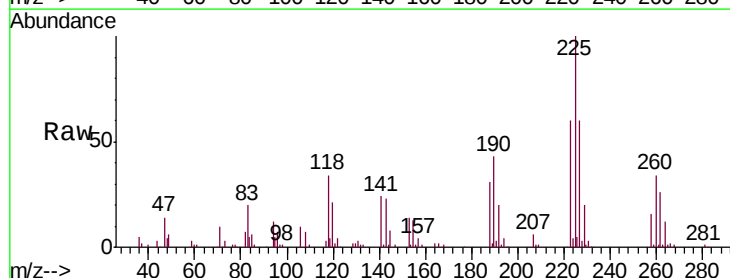


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

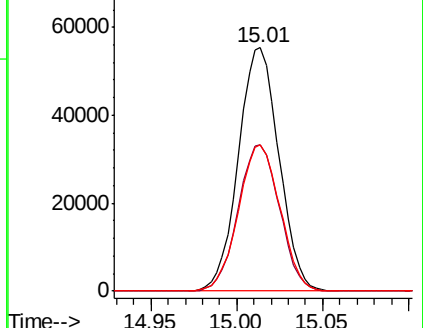
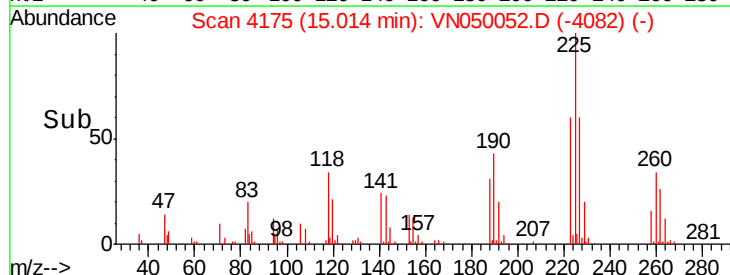


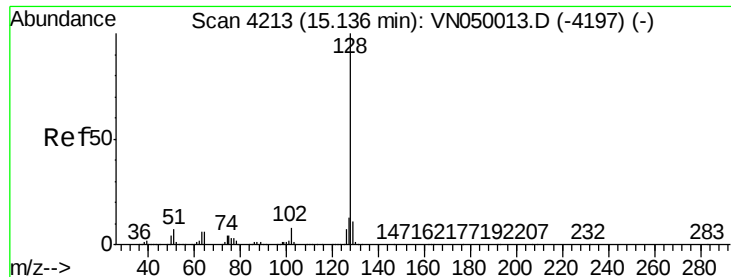
#94
 Hexachlorobutadiene
 Concen: 20.46 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050052.D
 Acq: 25 Jul 2018 19:20

Tgt Ion:225 Resp: 91023
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.4 94.2
 227 61.5 32.1 96.5



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

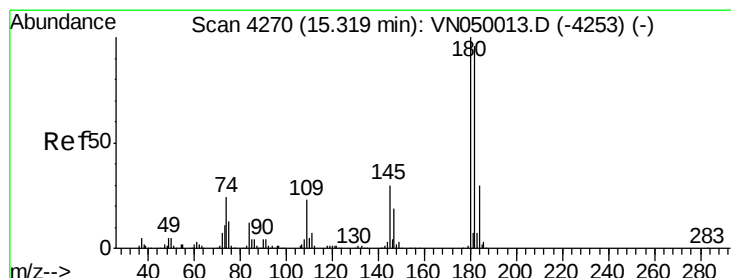
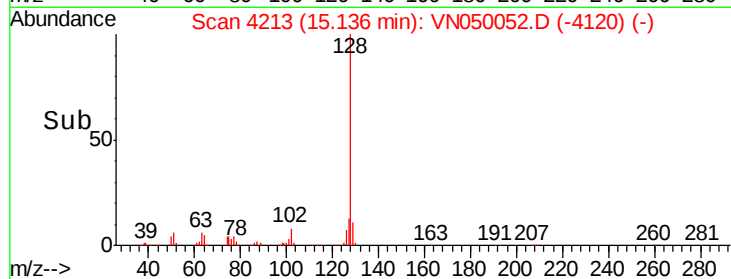
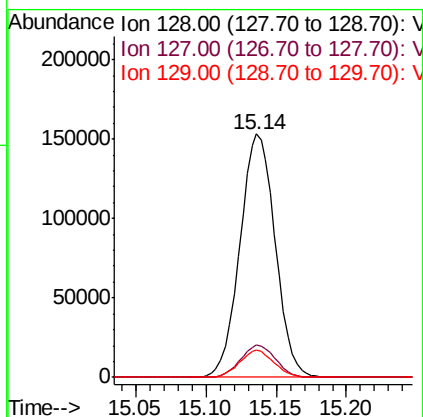
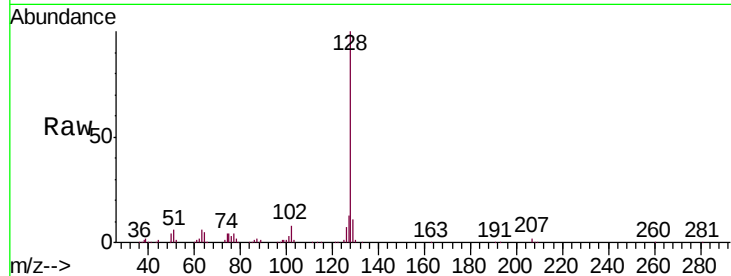




#95
Naphthalene
Concen: 17.85 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Instrument :
MSVOA_N
ClientSampleId :
VN0725WBSD02

Tot Ion:128 Resp: 268526
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.34 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050052.D
Acq: 25 Jul 2018 19:20

Tgt Ion:180 Resp: 134557
Ion Ratio Lower Upper
180 100
182 93.9 48.1 144.4
145 31.0 15.3 45.9

