

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050127.D
 Acq On : 27 Jul 2018 12:48
 Operator : MD\SY
 Sample : VN0727WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Quant Time: Jul 27 23:11:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	163666	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	910756	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	785255	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	335321	30.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.47%
60) 4-Bromofluorobenzene	12.40	95	357904	29.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.90%
63) Toluene-d8	10.09	98	1100698	29.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.83%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	224604	19.91	ug/l	97
3) Chloromethane	2.06	50	201970	17.37	ug/l	100
4) Vinyl Chloride	2.18	62	229826	18.56	ug/l	96
5) Bromomethane	2.56	94	85520	11.33	ug/l	99
6) Chloroethane	2.70	64	138716	18.95	ug/l	100
7) Trichlorofluoromethane	3.01	101	310530	19.20	ug/l	100
8) Diethyl Ether	3.41	74	107805	19.87	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	186539	18.95	ug/l	100
10) 1,1-Dichloroethene	3.73	96	169190	19.39	ug/l	96
11) Methyl Iodide	3.95	142	82345	6.41	ug/l	97
12) Methyl Acetate	4.33	43	209836	20.99	ug/l	99
13) Acrolein	3.61	56	30686	49.67	ug/l	100
14) Acrylonitrile	5.00	53	321980	96.53	ug/l	98
15) Acetone	3.82	58	91168	102.85	ug/l	93
16) Carbon Disulfide	4.05	76	477481	17.88	ug/l	100
17) Allyl chloride	4.32	41	263109	19.09	ug/l	95
18) Methylene Chloride	4.55	84	189160	18.79	ug/l	95
19) trans-1,2-Dichloroethene	5.04	96	178147	19.07	ug/l	97
20) Diisopropyl ether	5.96	45	556256	19.69	ug/l	99
21) 1,1-Dichloroethane	5.85	63	339168	19.09	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	204104	19.70	ug/l	100
23) tert-Butyl Alcohol	4.81	59	81470	109.31	ug/l	100
24) Methyl tert-Butyl Ether	5.05	73	491293	20.64	ug/l	100
25) Chloroform	7.37	83	350939	19.51	ug/l	99
26) Cyclohexane	7.65	56	270090	19.13	ug/l #	97
29) 1,1-Dichloropropene	7.79	75	254076	17.98	ug/l	99
30) 2-Butanone	6.84	43	406647	91.68	ug/l	98
31) 2,2-Dichloropropane	6.83	77	287435	18.40	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	297657	17.89	ug/l	99
33) Carbon Tetrachloride	7.77	117	261965	17.66	ug/l	100
34) Benzene	8.04	78	763593	17.79	ug/l	99
35) Methacrylonitrile	7.18	41	79425	15.73	ug/l	97
36) 1,2-Dichloroethane	8.13	62	251363	17.83	ug/l	100
37) Trichloroethene	8.84	130	206115	18.31	ug/l	99
38) Methylcyclohexane	9.08	83	268773	18.04	ug/l	98
39) 1,2-Dichloropropane	9.12	63	201174	17.79	ug/l	100
40) Dibromomethane	9.21	93	124145	17.76	ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	261103	17.71	ug/l	99
42) Vinyl Acetate	5.90	43	1890348	90.57	ug/l	99
43) Ethyl Acetate	6.93	43	170666	18.43	ug/l	94
44) Isopropyl Acetate	8.17	43	341684	19.92	ug/l	94
45) 1,4-Dioxane	9.20	88	44188	391.39	ug/l	99
46) Methyl methacrylate	9.20	41	155192	18.66	ug/l	98
47) n-amyl Acetate	12.07	43	235955	17.67	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	261047	18.58	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	300684	18.21	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	182489	18.19	ug/l	99
51) Ethyl methacrylate	10.43	69	226670	18.62	ug/l	97
52) 1,3-Dichloropropane	10.71	76	298540	18.12	ug/l	99
53) Dibromochloromethane	10.90	129	202313	17.77	ug/l	98
54) 1,2-Dibromoethane	11.01	107	176553	17.97	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	508101	92.20	ug/l	99
56) Bromoform	12.13	173	139302	17.33	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	879686	96.28	ug/l	98
59) 2-Hexanone	10.75	43	587616	94.27	ug/l	99
61) Tetrachloroethene	10.63	164	192856	18.13	ug/l	97
62) Toluene	10.16	91	840860	18.77	ug/l	100
64) Chlorobenzene	11.44	112	512632	18.87	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	196006	18.50	ug/l	99
66) Ethyl Benzene	11.51	91	866674	18.93	ug/l	100
67) m/p-Xylenes	11.62	106	670063	38.03	ug/l	99
68) o-Xylene	11.95	106	324884	19.38	ug/l	100
69) Styrene	11.97	104	503548	18.74	ug/l	99
70) Isopropylbenzene	12.25	105	866933	19.42	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	233108	19.02	ug/l	98
72) 1,2,3-Trichloropropane	12.56	75	271559	25.94	ug/l	52
73) Bromobenzene	12.53	156	220896	18.57	ug/l	98
74) n-propylbenzene	12.59	91	962661	18.51	ug/l	100
75) 2-Chlorotoluene	12.68	91	591260	18.93	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	697651	19.02	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	55991	16.36	ug/l	97
78) 4-Chlorotoluene	12.78	91	566111	18.29	ug/l	98
79) tert-butylbenzene	12.99	119	611605	19.51	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	712670	19.18	ug/l	100
81) sec-Butylbenzene	13.17	105	805195	18.91	ug/l	100
82) p-Isopropyltoluene	13.29	119	693265	19.08	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	374499	18.08	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	353736	18.07	ug/l	99
85) n-Butylbenzene	13.62	91	525478	17.82	ug/l	100
86) Hexachloroethane	13.88	117	122068	16.81	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	378371	18.69	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	36345	19.03	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	166533	17.22	ug/l	100
90) Hexachlorobutadiene	15.01	225	117227	18.39	ug/l	98
91) Naphthalene	15.14	128	393750	20.63	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	179512	18.26	ug/l	99

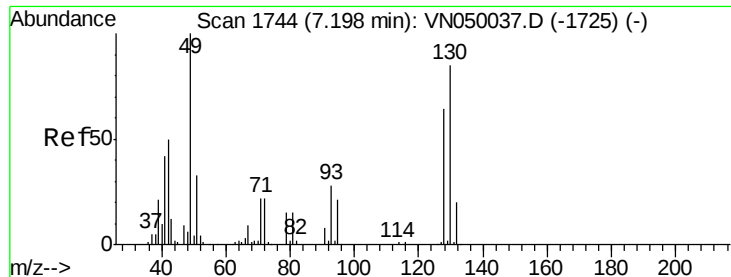
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

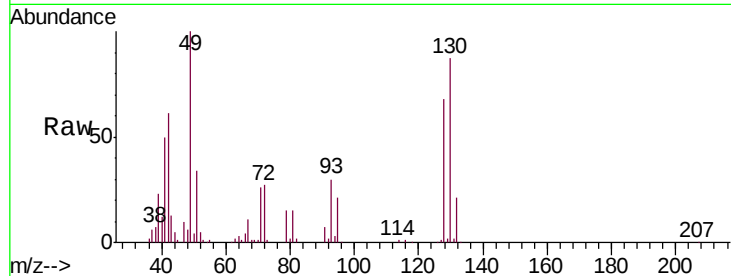
Tot Ion:128 Resp: 163666

Ion Ratio Lower Upper

128 100

49 151.1 0.0 378.3

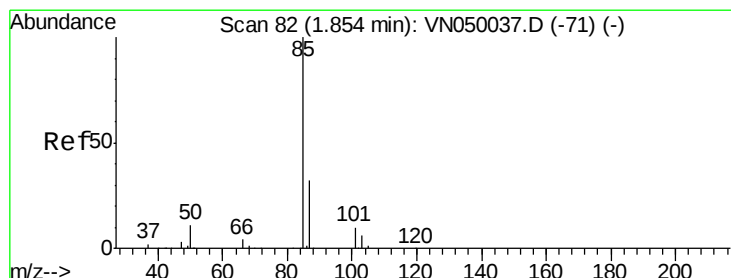
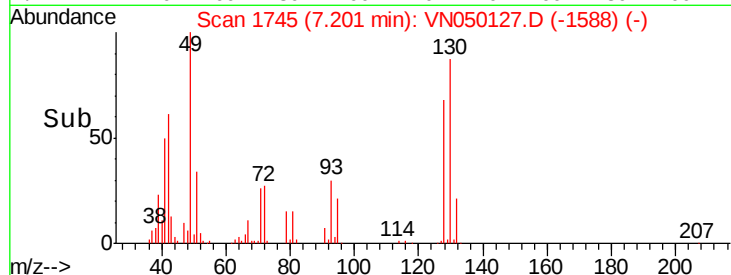
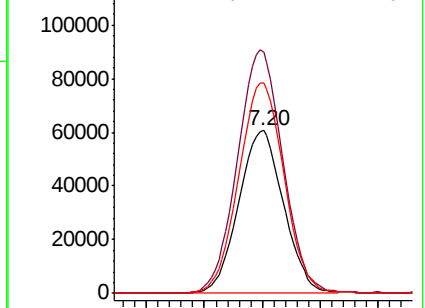
130 130.8 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.91 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050127.D

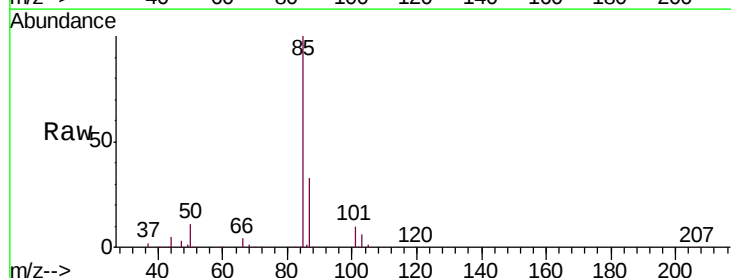
Acq: 27 Jul 2018 12:48

Tgt Ion: 85 Resp: 224604

Ion Ratio Lower Upper

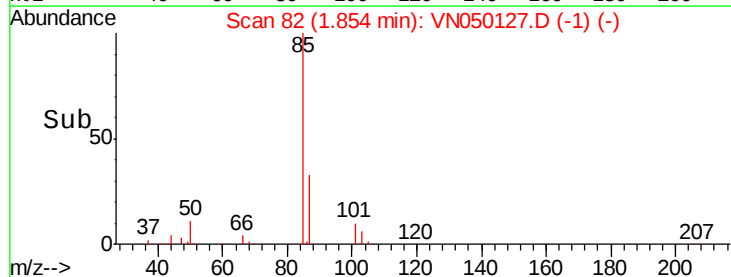
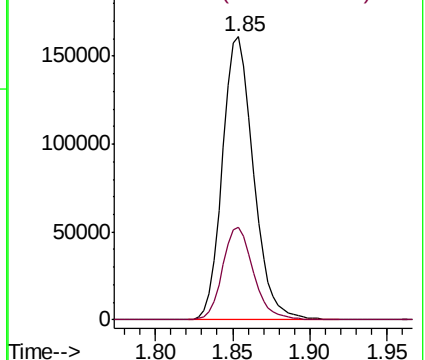
85 100

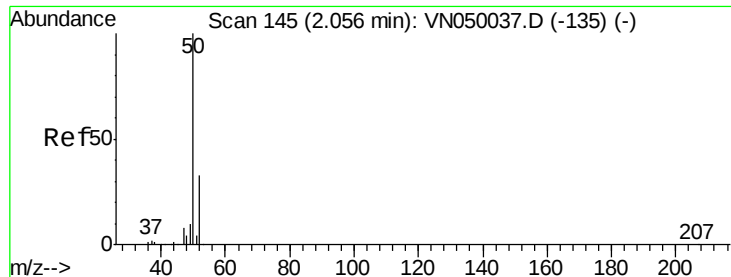
87 32.8 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 17.37 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

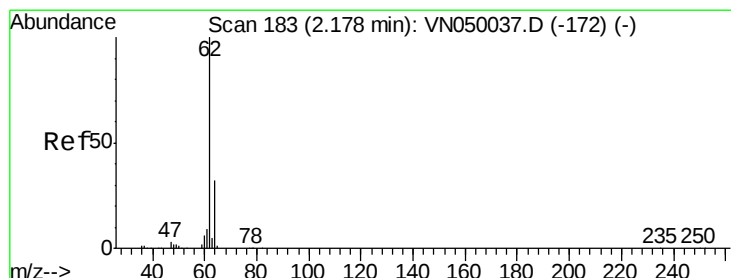
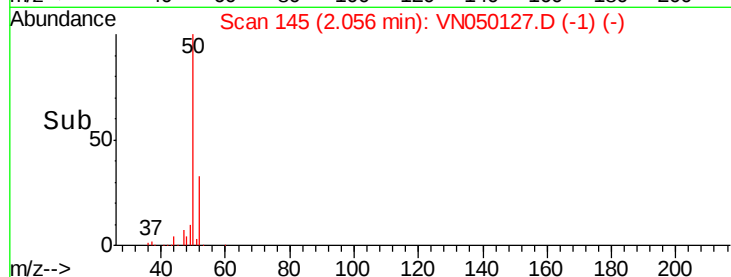
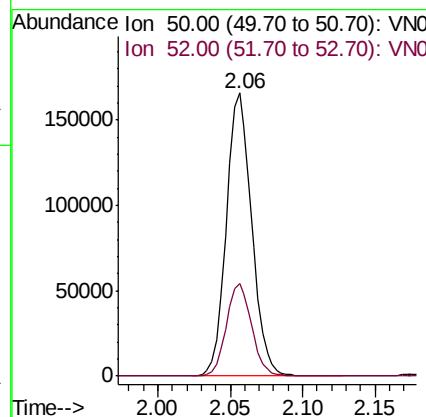
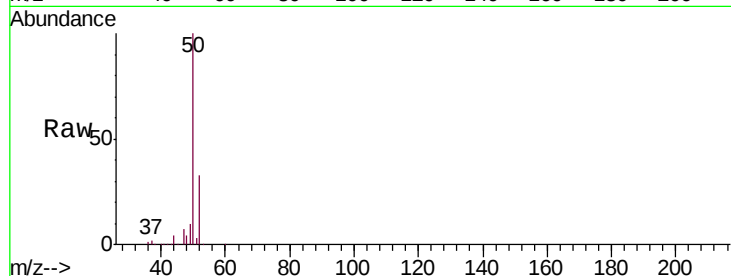
VN0727WBS01

Tot Ion: 50 Resp: 201970

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 18.56 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050127.D

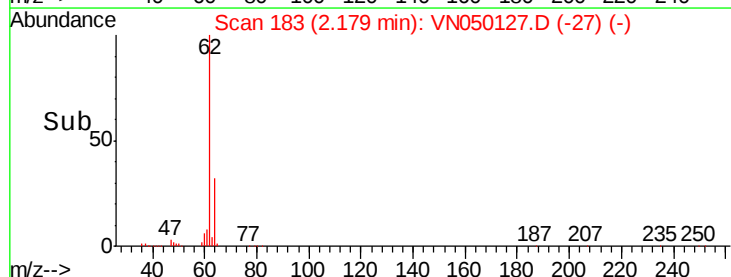
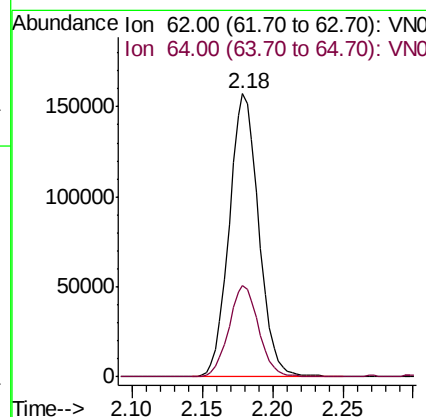
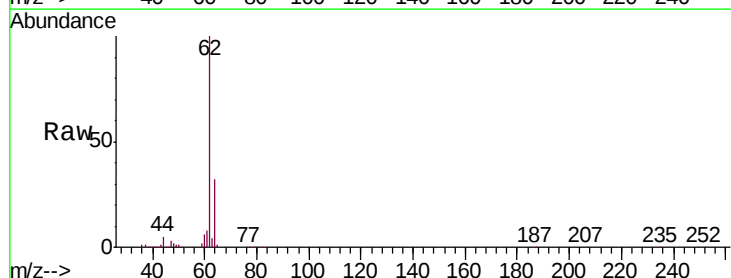
Acq: 27 Jul 2018 12:48

Tgt Ion: 62 Resp: 229826

Ion Ratio Lower Upper

62 100

64 32.4 24.4 36.6





#5

Bromomethane

Concen: 11.33 ug/l

RT: 2.56 min Scan# 302

Delta R.T. -0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

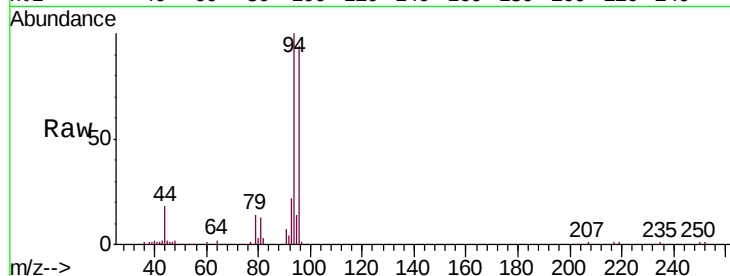
VN0727WBS01

Tot Ion: 94 Resp: 85520

Ion Ratio Lower Upper

94 100

96 93.5 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.56

50000

40000

30000

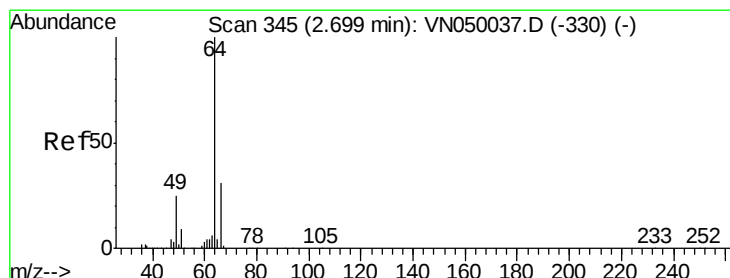
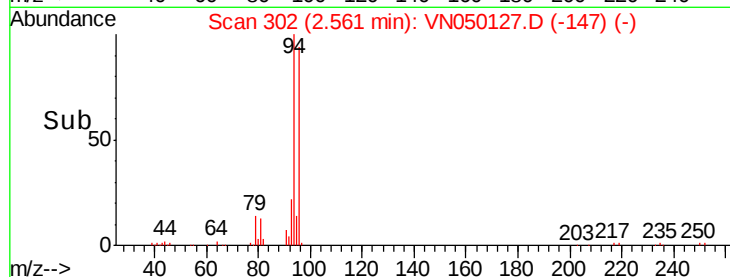
20000

10000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.95 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050127.D

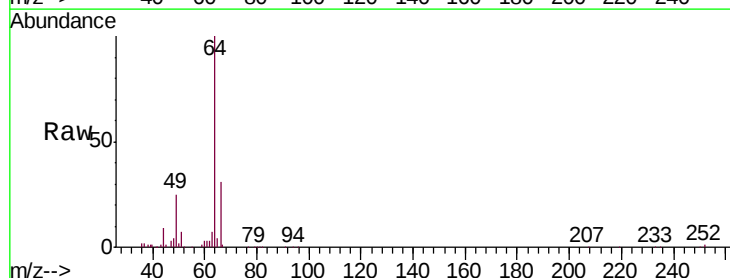
Acq: 27 Jul 2018 12:48

Tgt Ion: 64 Resp: 138716

Ion Ratio Lower Upper

64 100

66 31.0 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.70

80000

60000

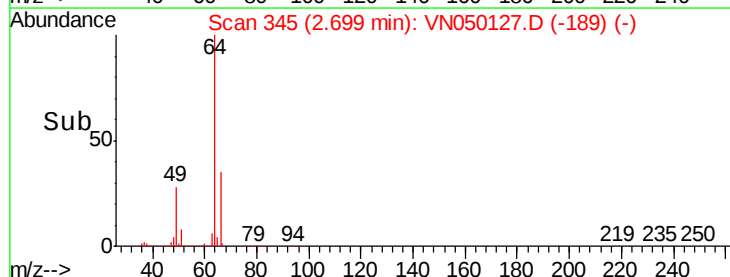
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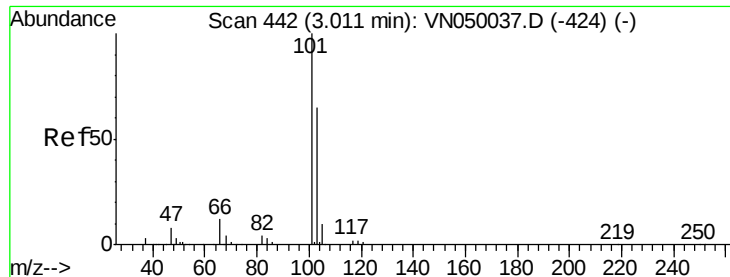
20000

0

Time-->

2.65 2.70 2.75



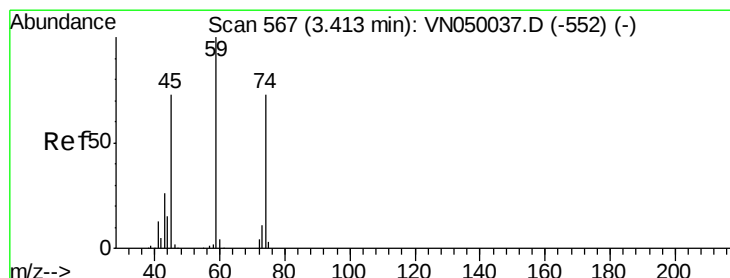
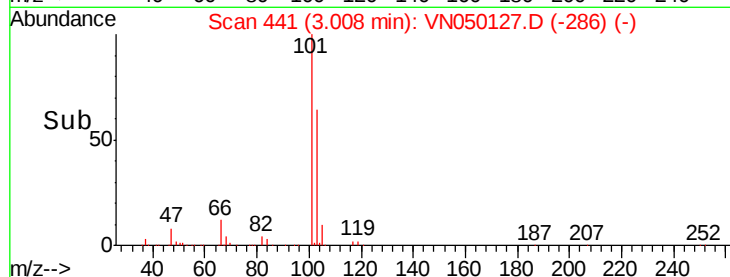
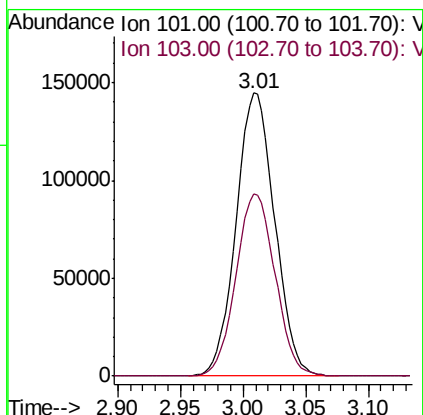
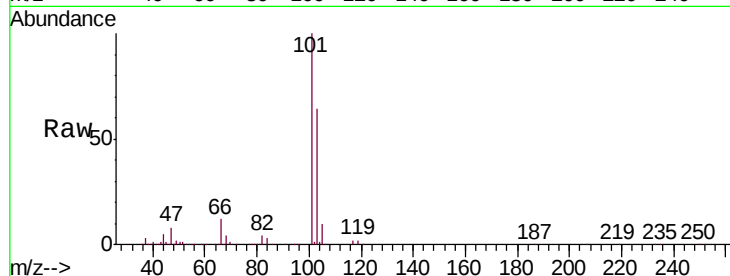


#7

Trichlorofluoromethane
 Concen: 19.20 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

Instrument :
 MSVOA_N
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 VN0727WBS01

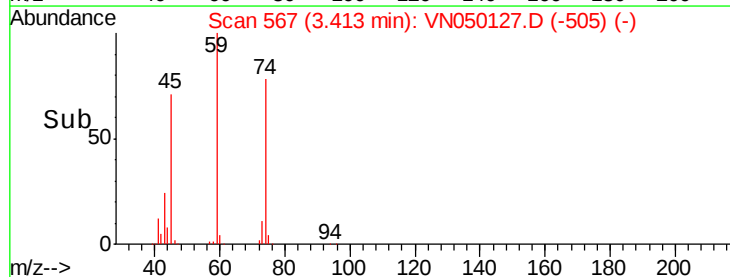
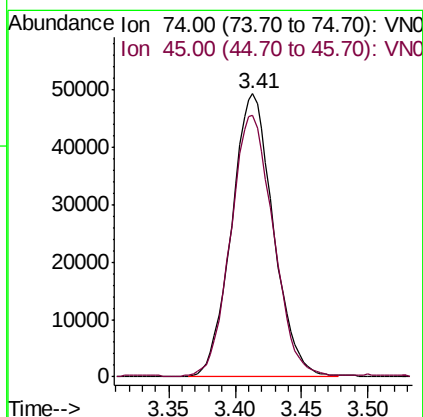
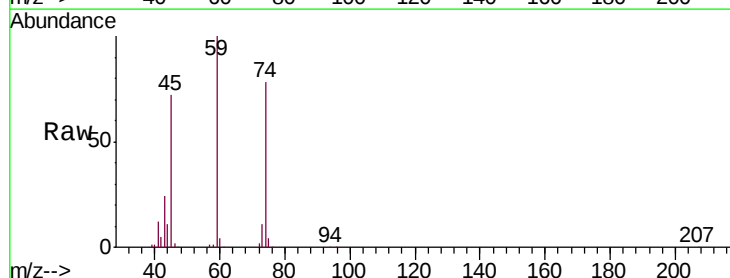
Tot Ion:101 Resp: 310530
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3

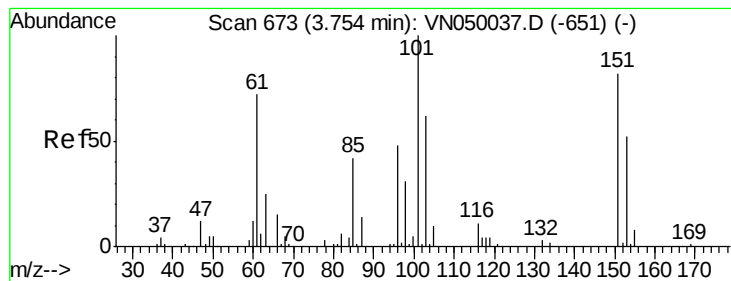


#8

Diethyl Ether
 Concen: 19.87 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

Tgt Ion: 74 Resp: 107805
 Ion Ratio Lower Upper
 74 100
 45 93.7 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.95 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

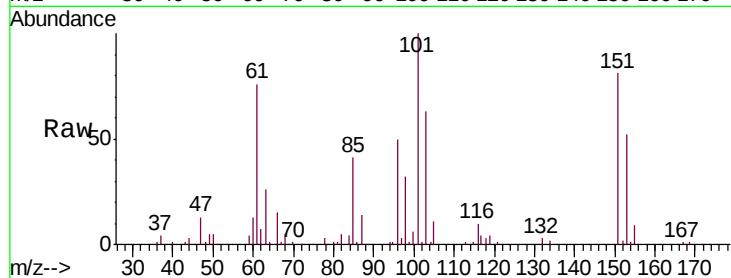
Tot Ion:101 Resp: 186539

Ion Ratio Lower Upper

101 100

85 42.3 0.0 83.0

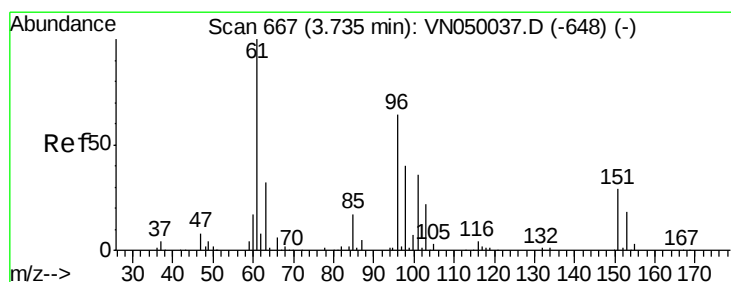
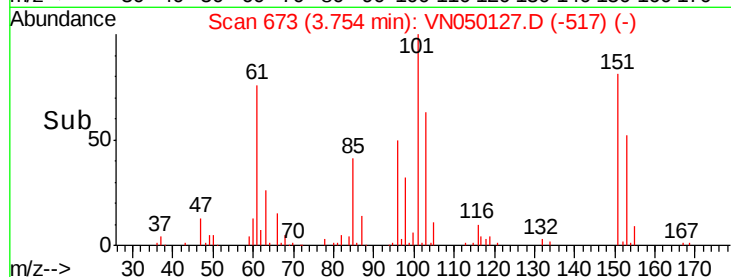
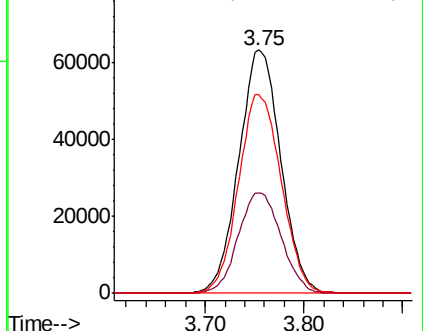
151 83.4 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.39 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

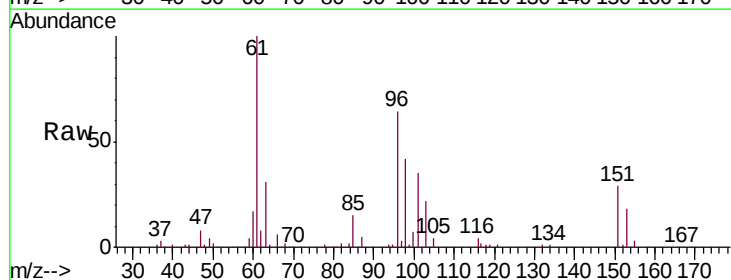
Tgt Ion: 96 Resp: 169190

Ion Ratio Lower Upper

96 100

61 157.0 130.6 195.8

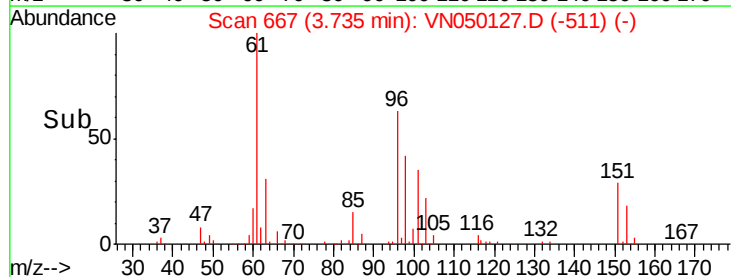
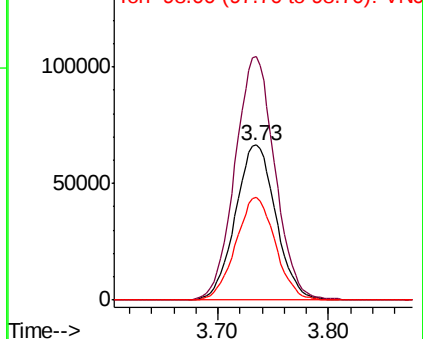
98 66.1 53.5 80.3



Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

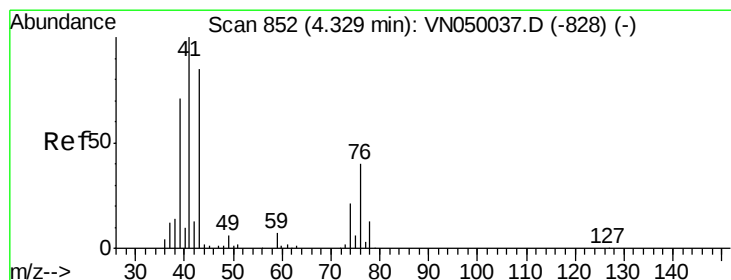
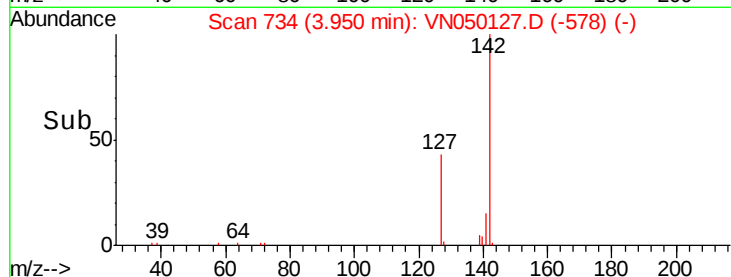
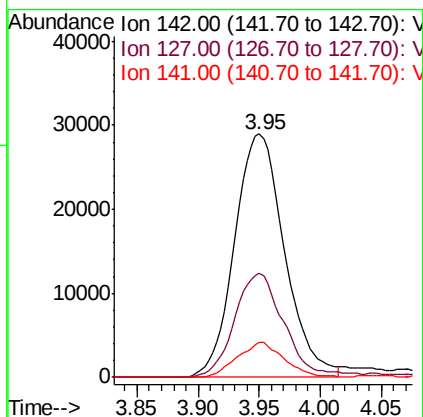
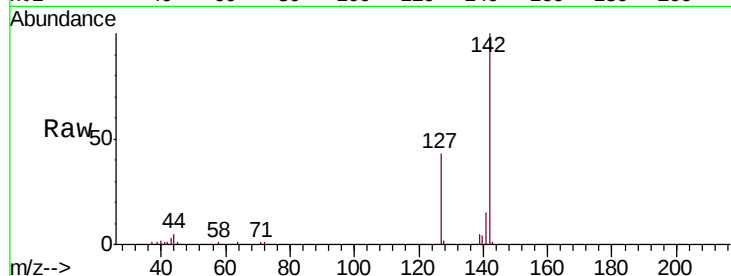




#11
Methvl Iodide
Concen: 6.41 ug/l
RT: 3.95 min Scan# 734
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

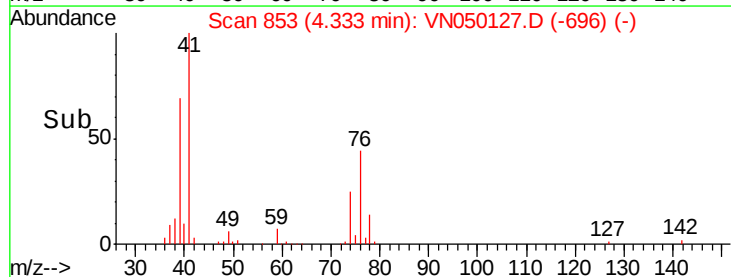
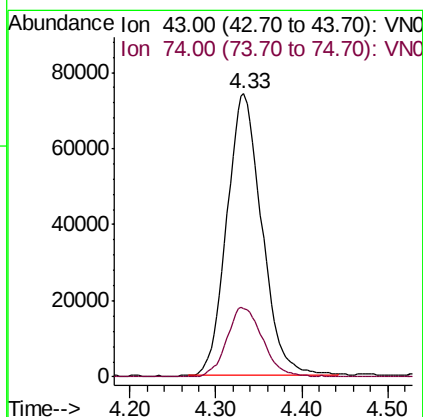
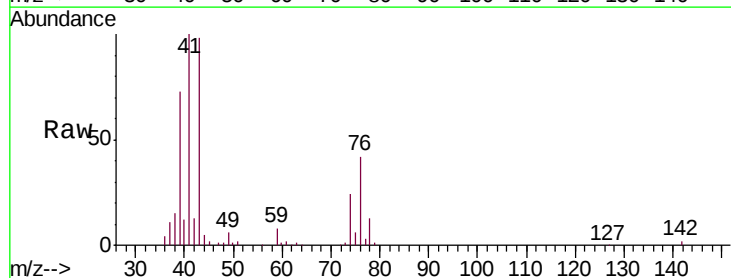
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

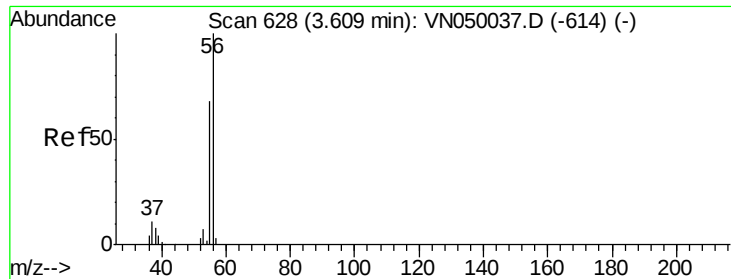
Tot Ion:142 Resp: 82345
Ion Ratio Lower Upper
142 100
127 42.5 20.2 60.5
141 14.9 6.9 20.6



#12
Methyl Acetate
Concen: 20.99 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion: 43 Resp: 209836
Ion Ratio Lower Upper
43 100
74 24.5 19.3 28.9





#13

Acrolein

Concen: 49.67 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

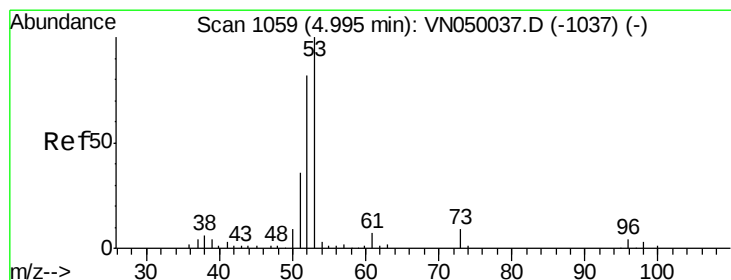
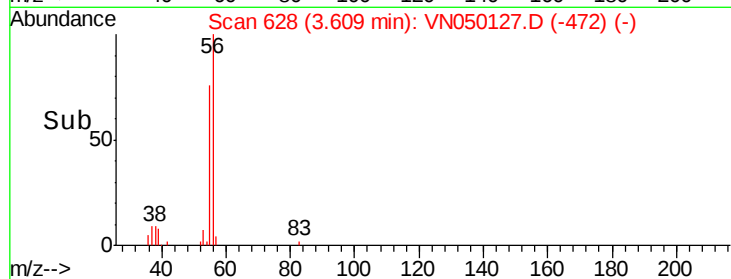
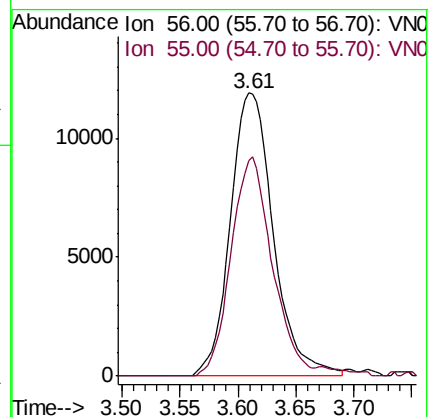
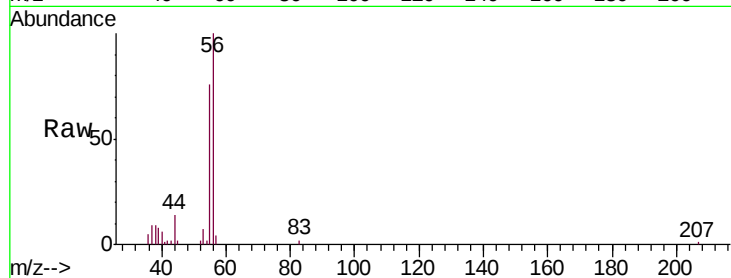
VN0727WBS01

Tot Ion: 56 Resp: 30686

Ion Ratio Lower Upper

56 100

55 73.4 58.6 88.0



#14

Acrylonitrile

Concen: 96.53 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

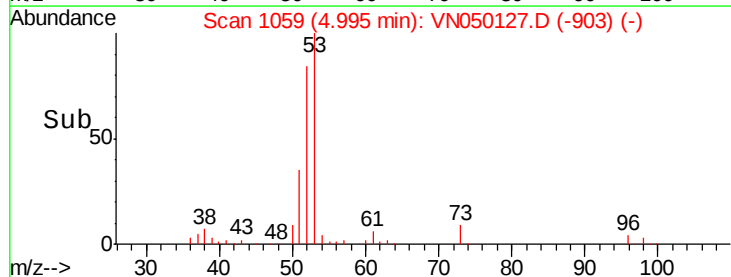
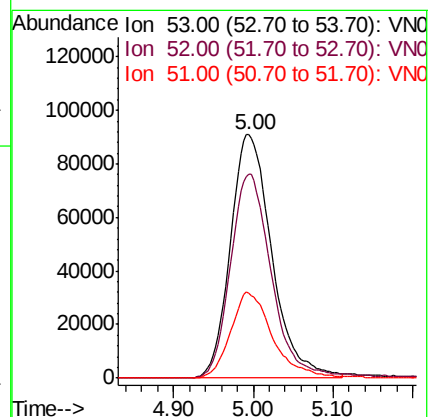
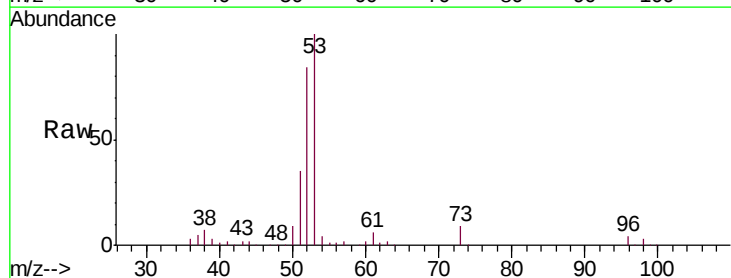
Tgt Ion: 53 Resp: 321980

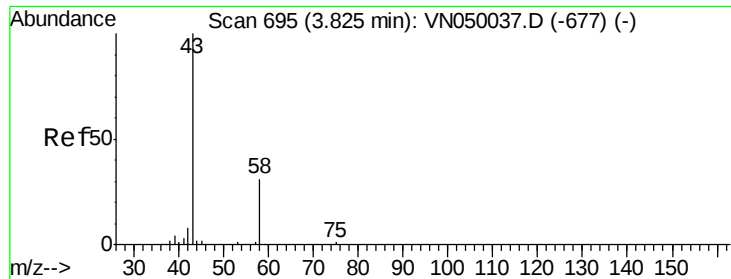
Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.5

51 35.6 18.7 56.1





#15

Acetone

Concen: 102.85 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

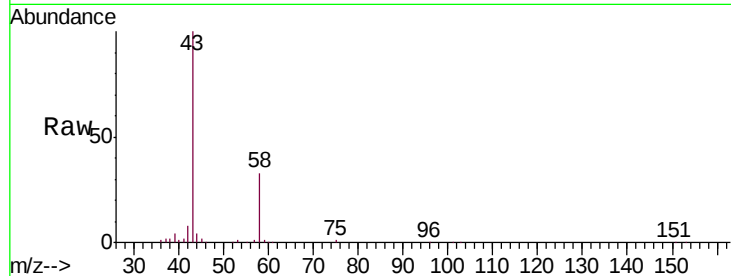
VN0727WBS01

Tot Ion: 58 Resp: 91168

Ion Ratio Lower Upper

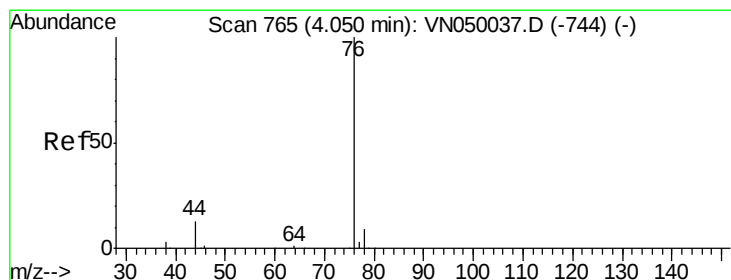
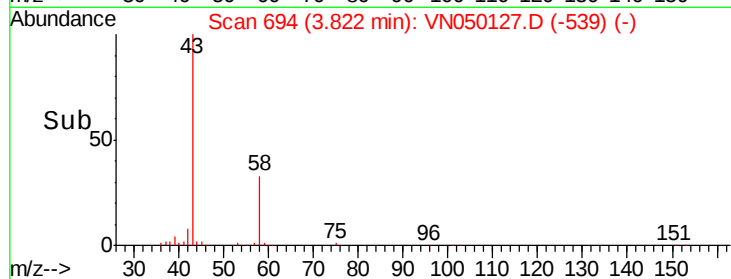
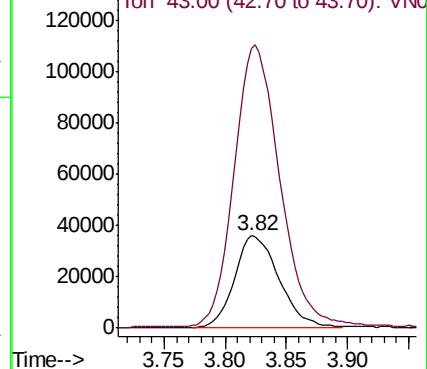
58 100

43 300.4 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN050127.D (-677) (-)

Ion 43.00 (42.70 to 43.70): VN050127.D (-677) (-)



#16

Carbon Disulfide

Concen: 17.88 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050127.D

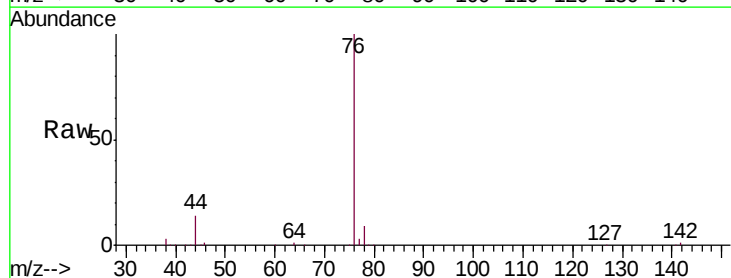
Acq: 27 Jul 2018 12:48

Tgt Ion: 76 Resp: 477481

Ion Ratio Lower Upper

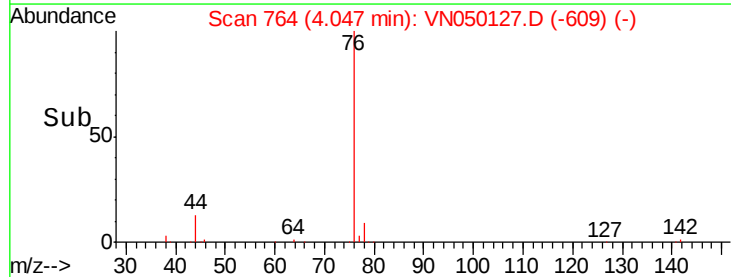
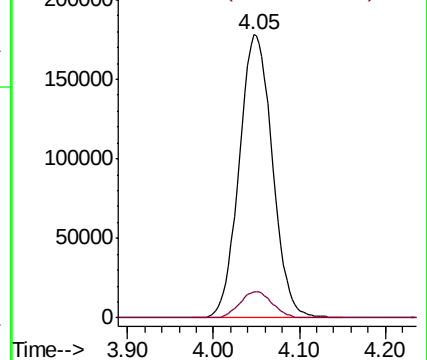
76 100

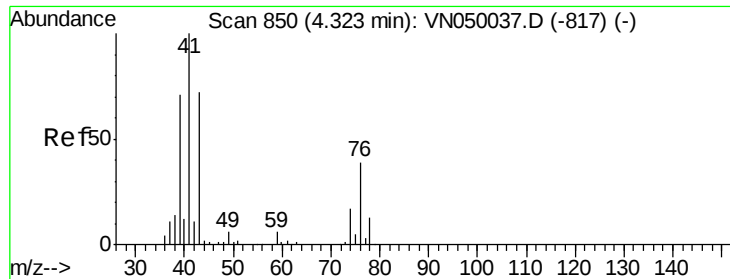
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN050127.D (-609) (-)

Ion 78.00 (77.70 to 78.70): VN050127.D (-609) (-)

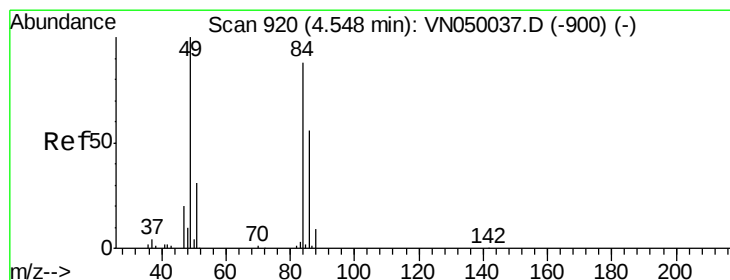
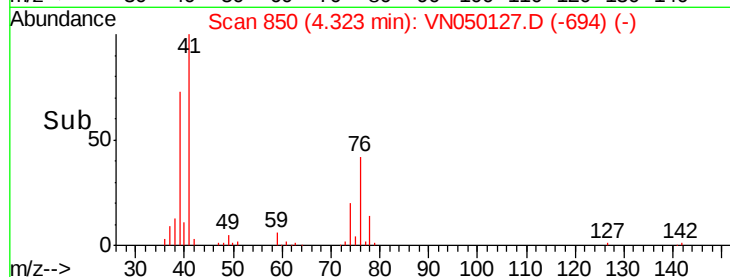
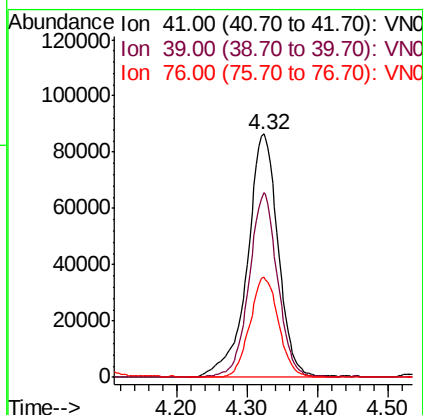
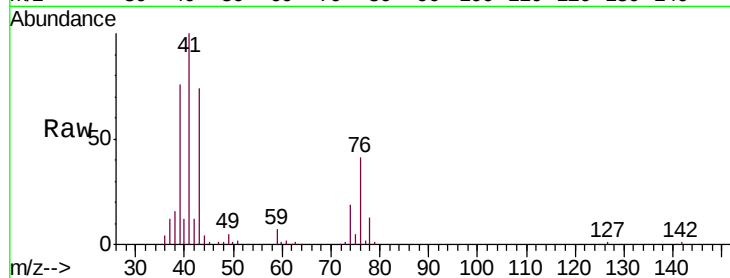




#17
Allvl chloride
Concen: 19.09 ug/l
RT: 4.32 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

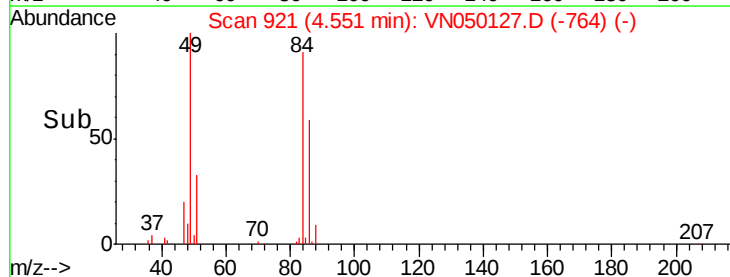
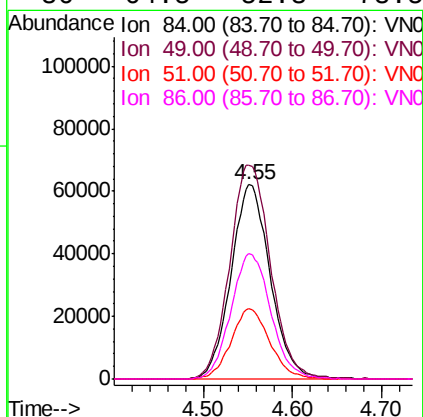
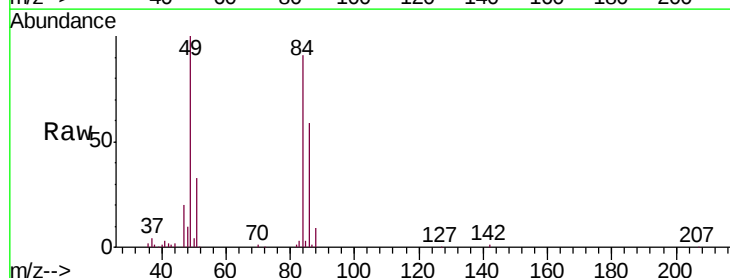
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

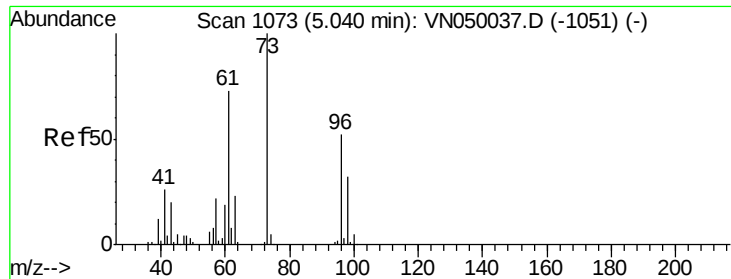
Tot Ion: 41 Resp: 263109
Ion Ratio Lower Upper
41 100
39 75.9 35.4 106.3
76 41.0 19.7 59.1



#18
Methylene Chloride
Concen: 18.79 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion: 84 Resp: 189160
Ion Ratio Lower Upper
84 100
49 109.7 95.1 142.7
51 36.2 28.8 43.2
86 64.5 52.3 78.5





#19

trans-1,2-Dichloroethene

Concen: 19.07 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

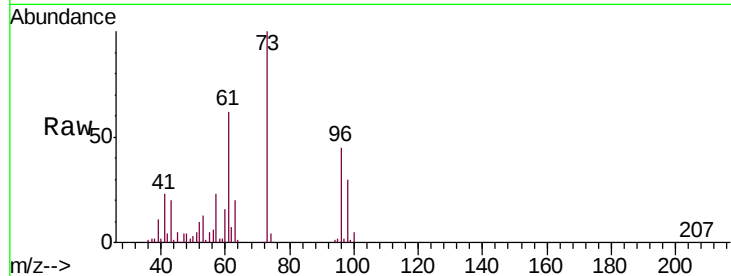
Tot Ion: 96 Resp: 178147

Ion Ratio Lower Upper

96 100

61 136.7 112.1 168.1

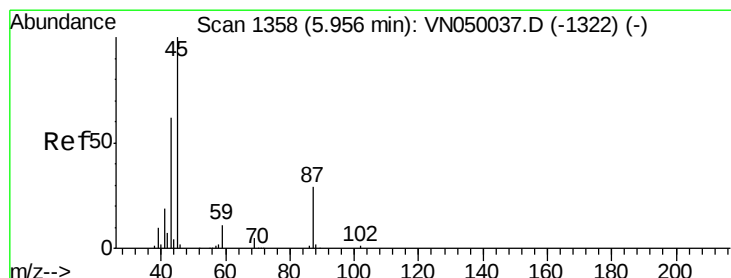
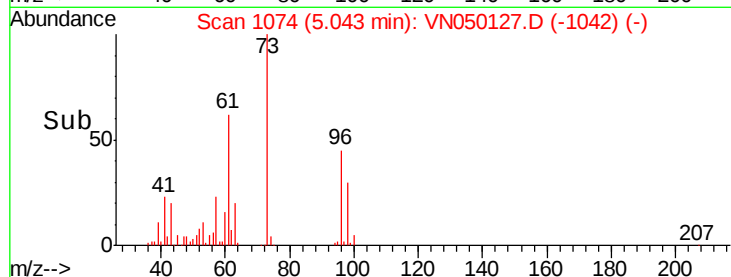
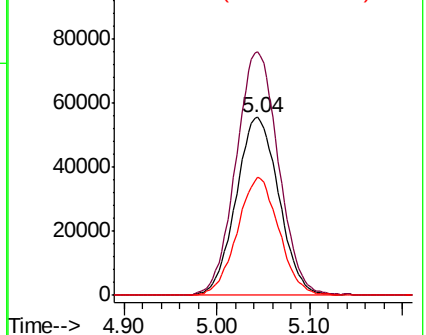
98 66.0 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 19.69 ug/l

RT: 5.96 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Tgt Ion: 45 Resp: 556256

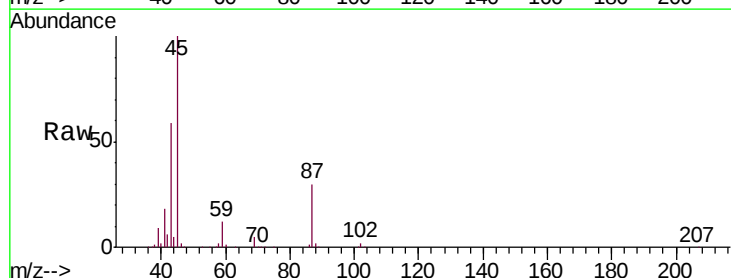
Ion Ratio Lower Upper

45 100

43 57.7 46.6 70.0

87 29.5 22.3 33.5

59 11.5 9.5 14.3

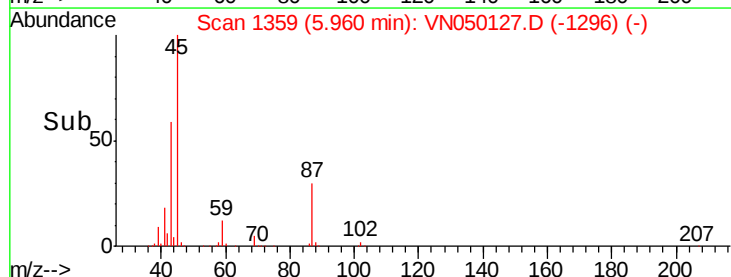
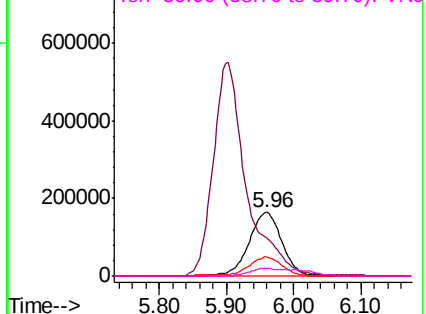


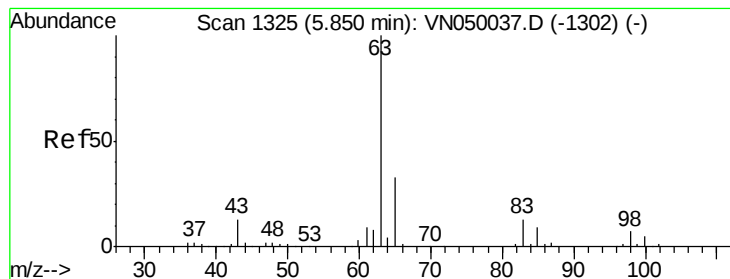
Abundance Ion 45.00 (44.70 to 45.70): VN0

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





#21

1,1-Dichloroethane

Concen: 19.09 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

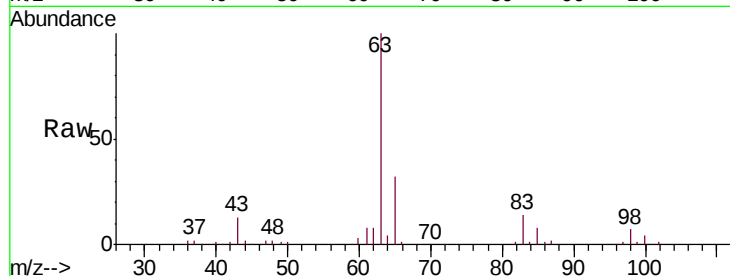
Tot Ion: 63 Resp: 339168

Ion Ratio Lower Upper

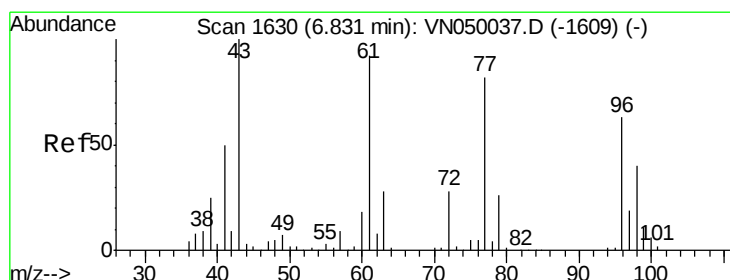
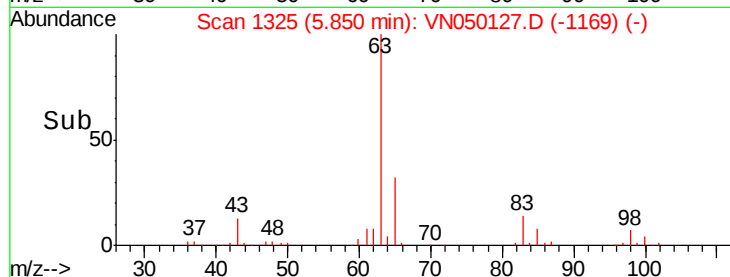
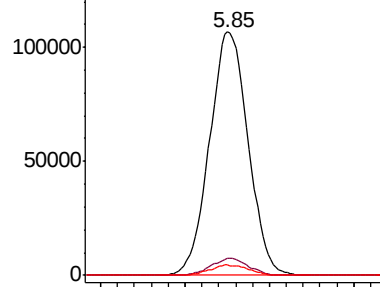
63 100

98 6.8 3.5 10.6

100 4.1 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



#22

cis-1,2-Dichloroethene

Concen: 19.70 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

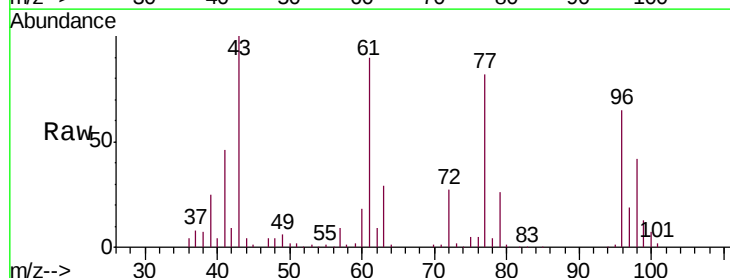
Tgt Ion: 96 Resp: 204104

Ion Ratio Lower Upper

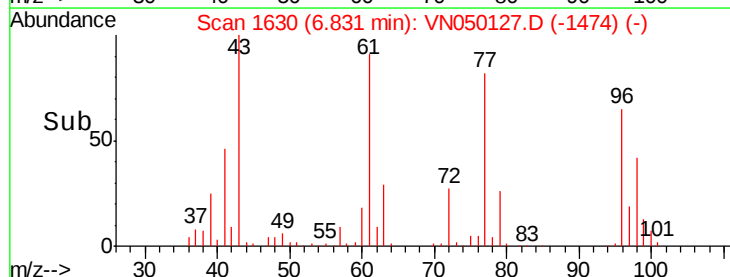
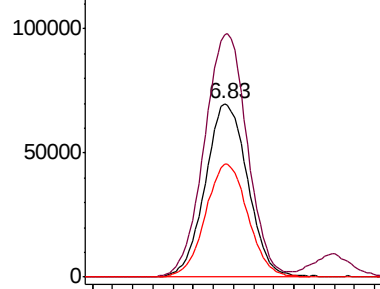
96 100

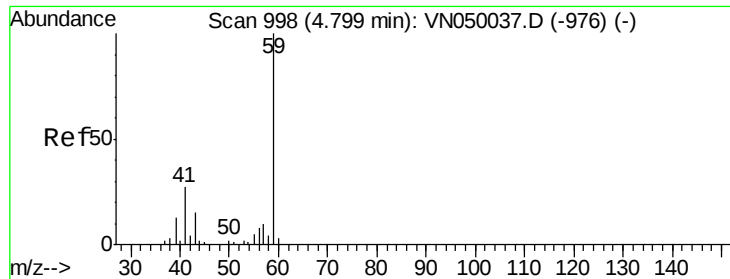
61 142.3 114.2 171.2

98 65.1 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#23

tert-Butyl Alcohol

Concen: 109.31 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

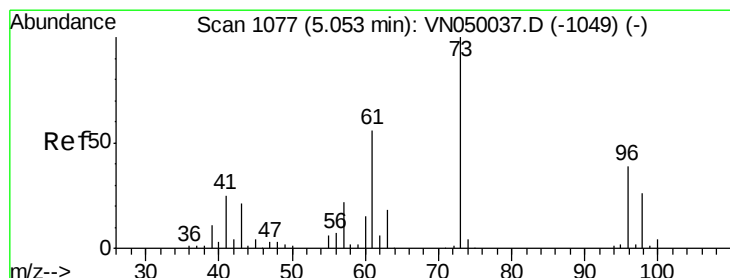
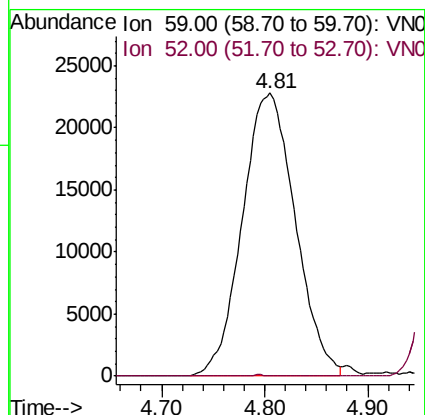
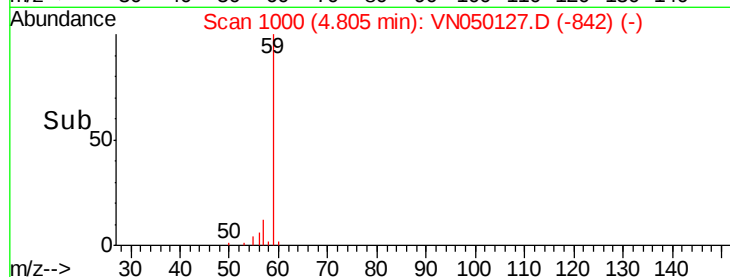
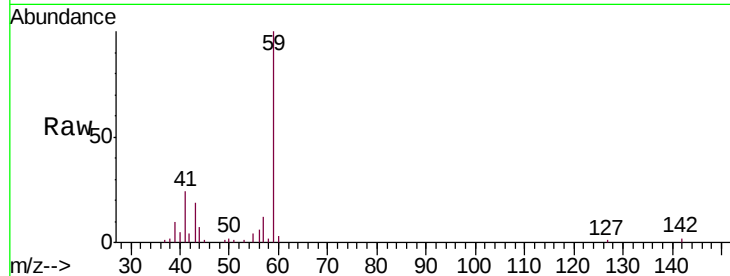
VN0727WBS01

Tot Ion: 59 Resp: 81470

Ion Ratio Lower Upper

59 100

52 0.1 0.1 0.1



#24

Methyl tert-Butyl Ether

Concen: 20.64 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN050127.D

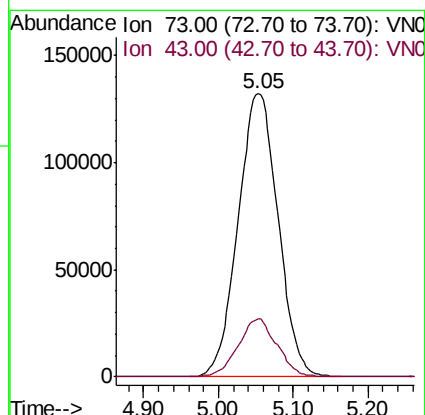
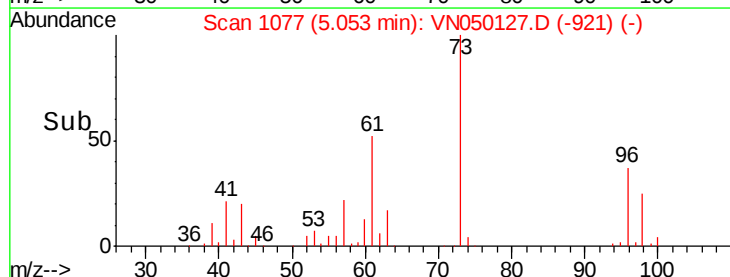
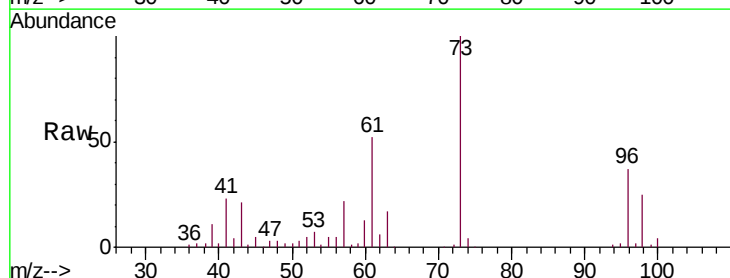
Acq: 27 Jul 2018 12:48

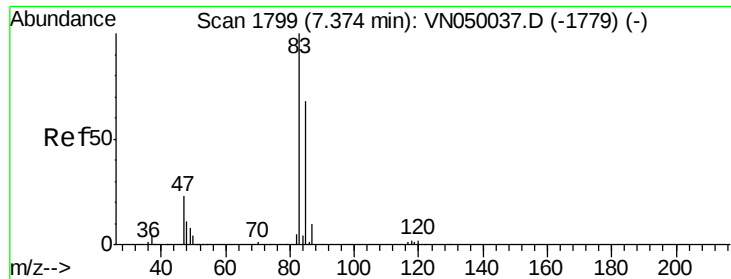
Tgt Ion: 73 Resp: 491293

Ion Ratio Lower Upper

73 100

43 19.6 15.5 23.3





#25

Chloroform

Concen: 19.51 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampled :

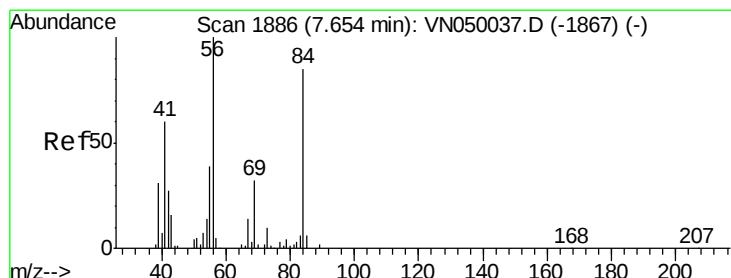
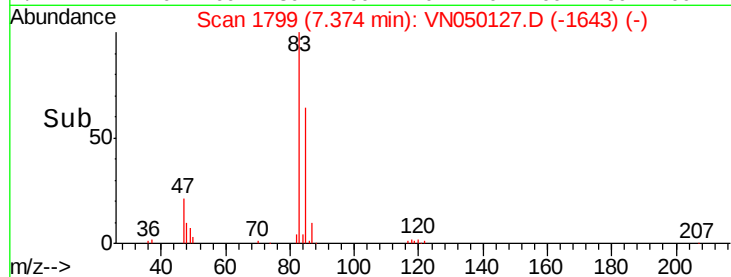
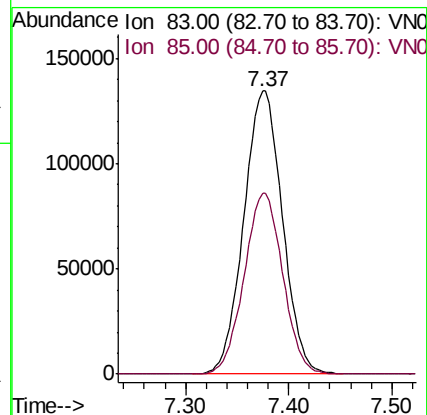
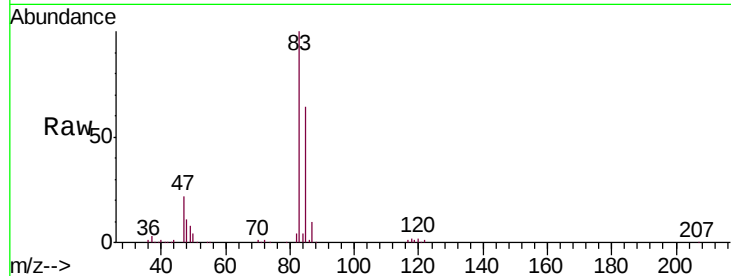
VN0727WBS01

Tot Ion: 83 Resp: 350939

Ion Ratio Lower Upper

83 100

85 64.0 52.1 78.1



#26

Cyclohexane

Concen: 19.13 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

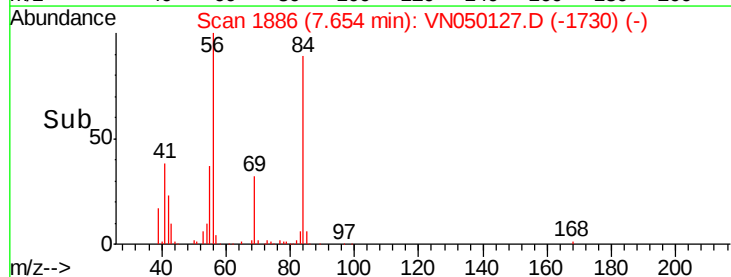
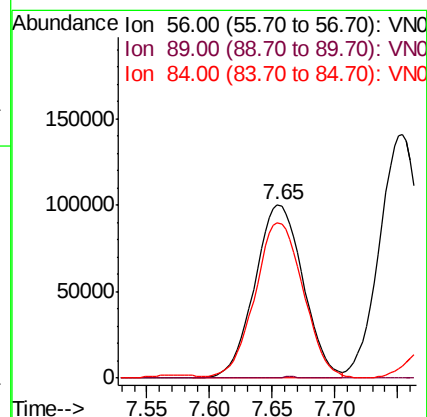
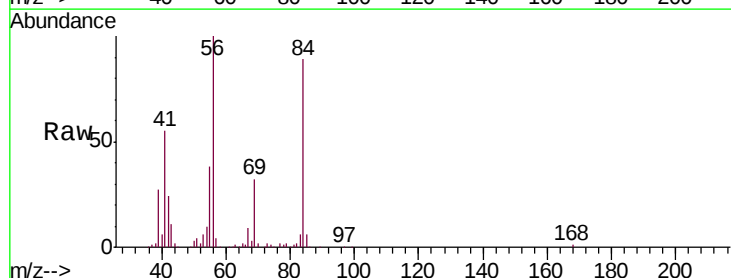
Tgt Ion: 56 Resp: 270090

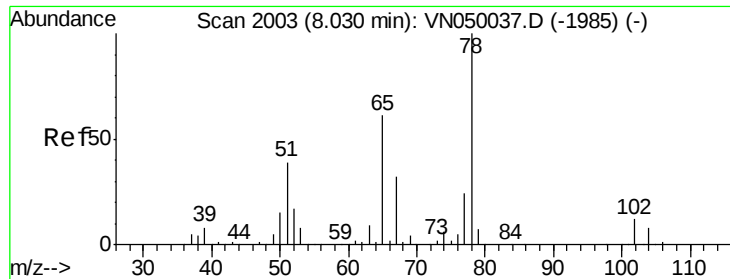
Ion Ratio Lower Upper

56 100

89 0.5 3.0 4.4#

84 89.6 69.8 104.8

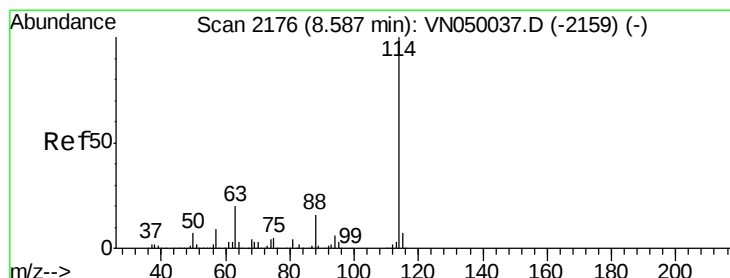
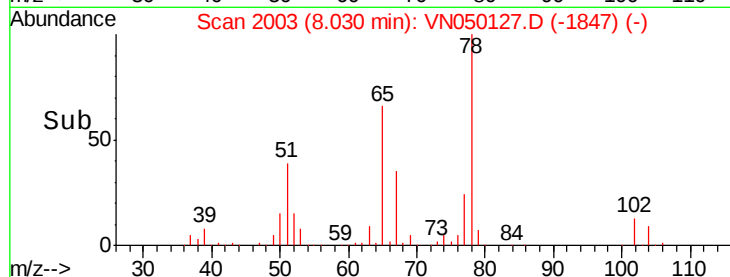
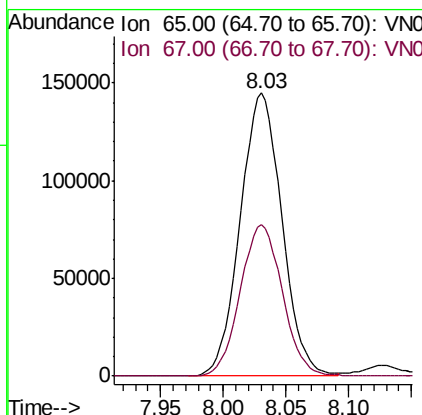
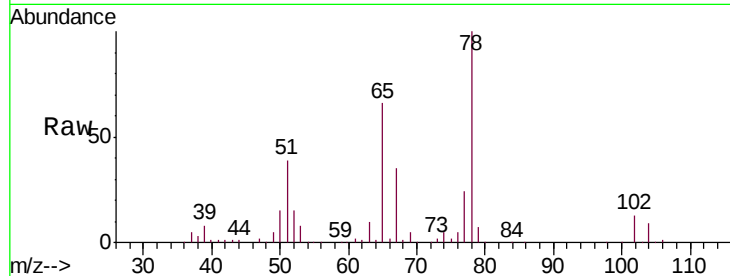




#27
 1,2-Dichloroethane-d4
 Concen: 30.14 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

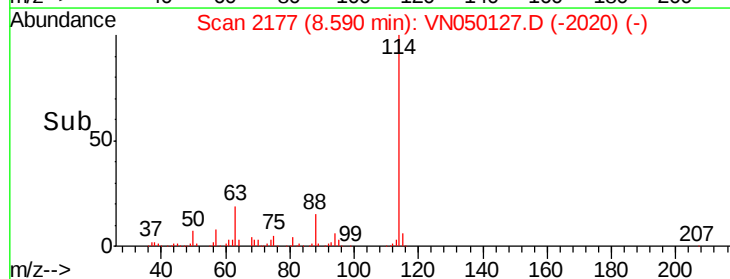
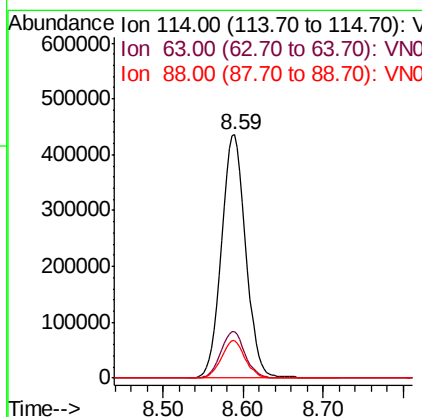
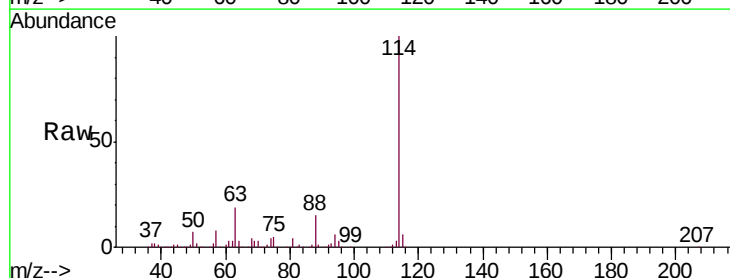
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

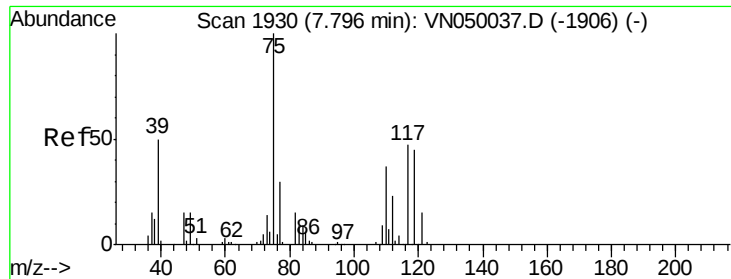
Tot Ion: 65 Resp: 335321
 Ion Ratio Lower Upper
 65 100
 67 54.2 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

Tgt Ion: 114 Resp: 910756
 Ion Ratio Lower Upper
 114 100
 63 19.2 16.2 24.2
 88 15.0 12.3 18.5





#29

1,1-Dichloropropene

Concen: 17.98 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. -0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

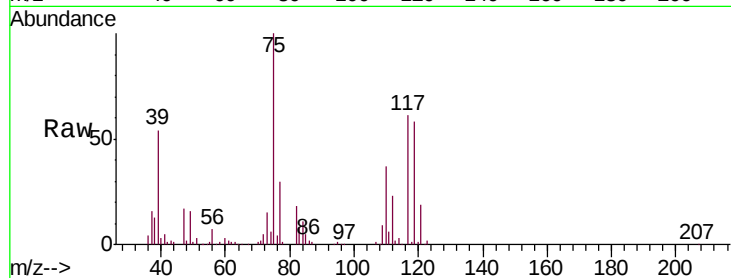
Tot Ion: 75 Resp: 254076

Ion Ratio Lower Upper

75 100

110 36.2 0.0 73.2

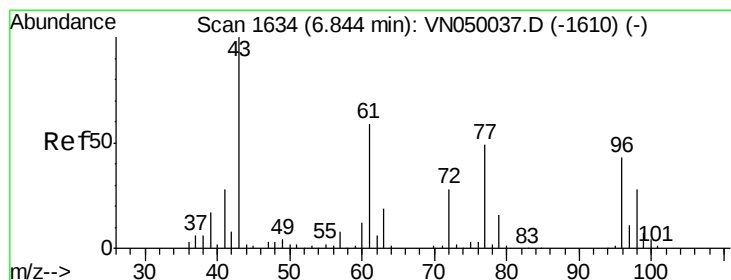
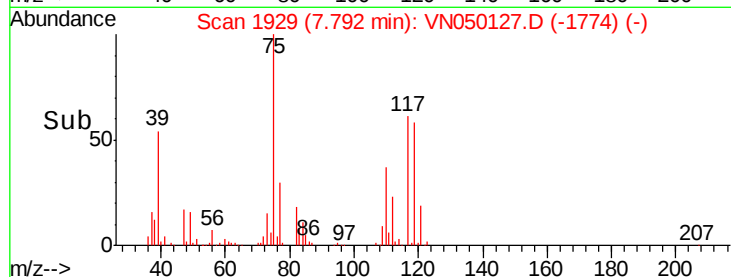
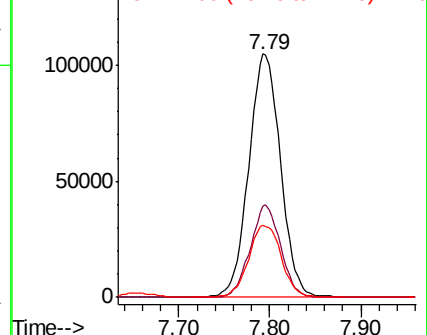
77 29.9 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 110.00 (109.70 to 110.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#30

2-Butanone

Concen: 91.68 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

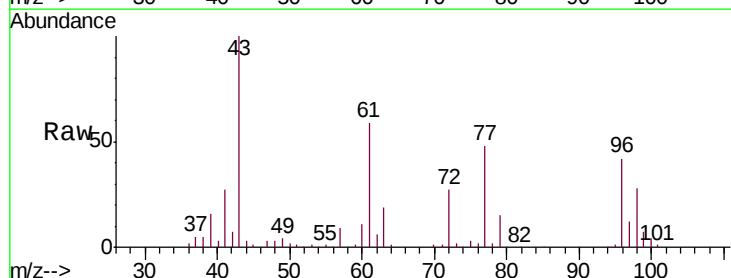
Tgt Ion: 43 Resp: 406647

Ion Ratio Lower Upper

43 100

57 8.7 6.8 10.2

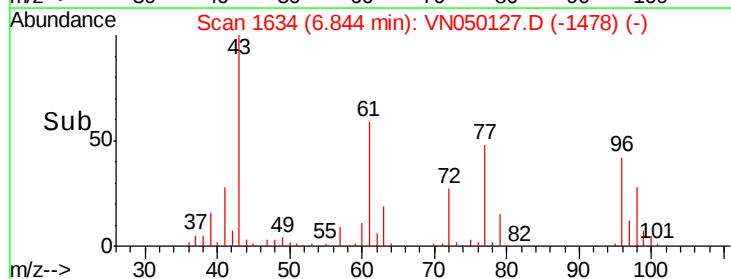
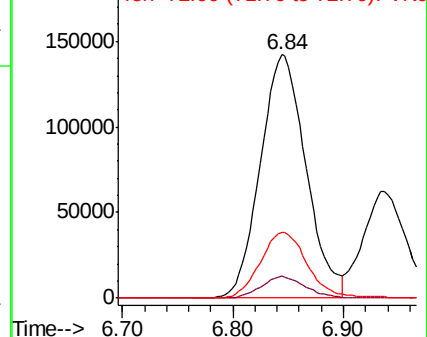
72 27.8 21.4 32.0

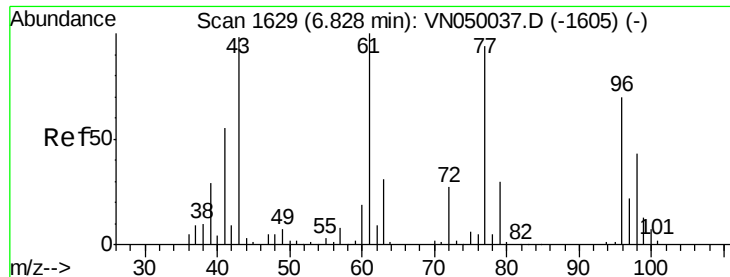


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

2,2-Dichloropropane

Concen: 18.40 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

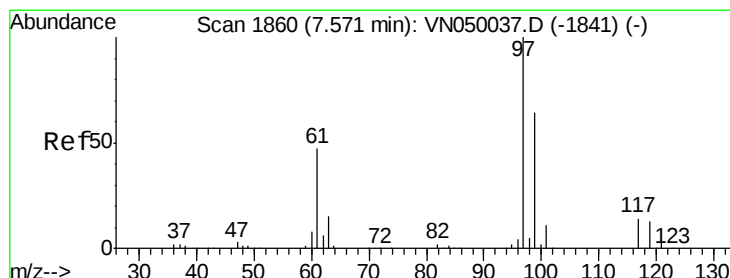
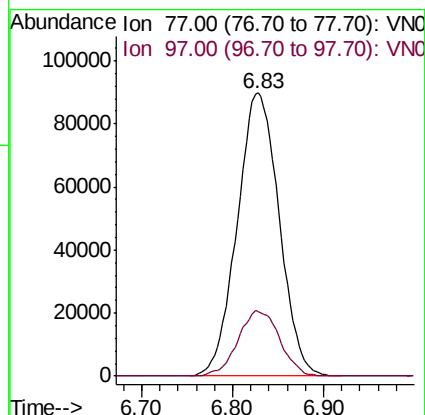
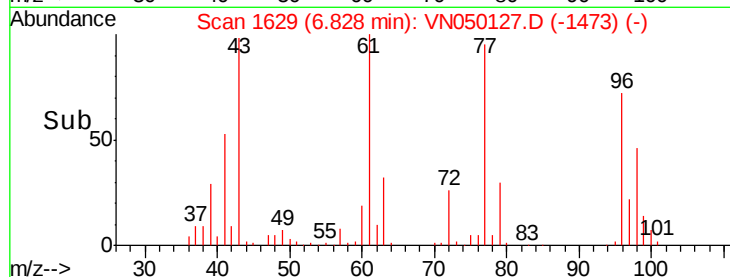
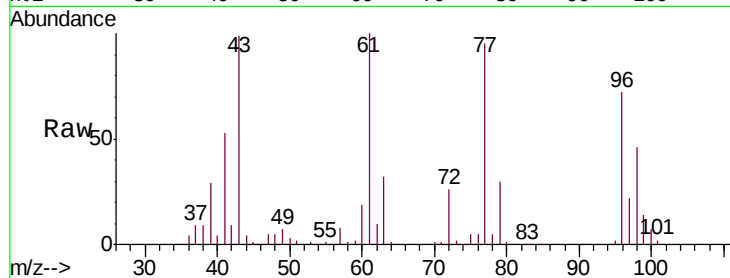
VN0727WBS01

Tot Ion: 77 Resp: 287435

Ion Ratio Lower Upper

77 100

97 23.0 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 17.89 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

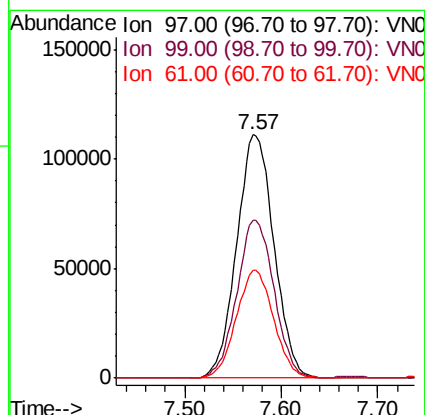
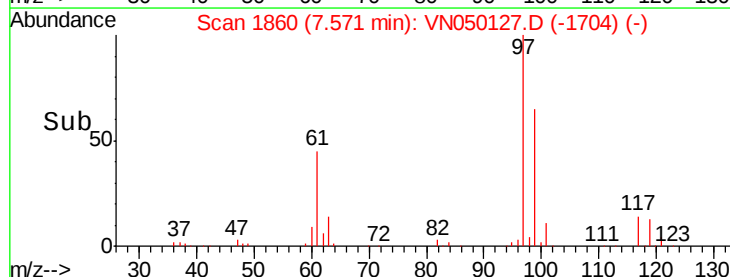
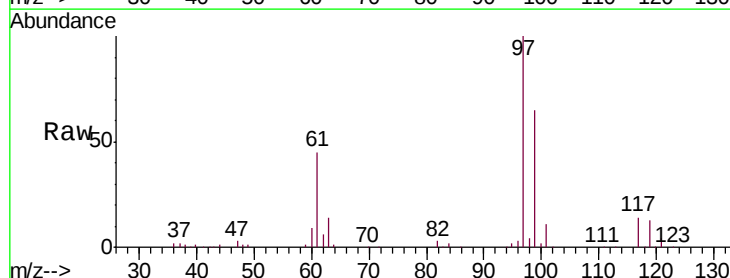
Tgt Ion: 97 Resp: 297657

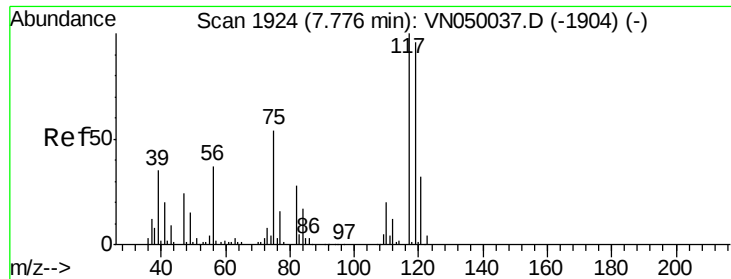
Ion Ratio Lower Upper

97 100

99 64.8 51.2 76.8

61 44.5 35.3 52.9

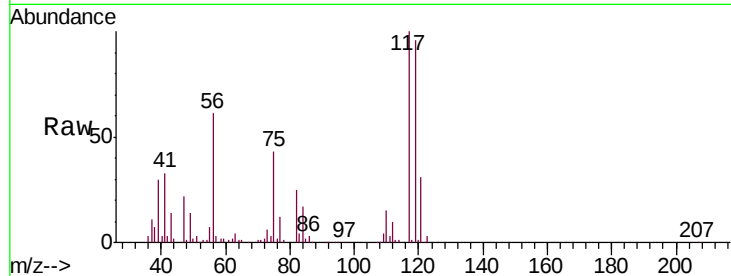




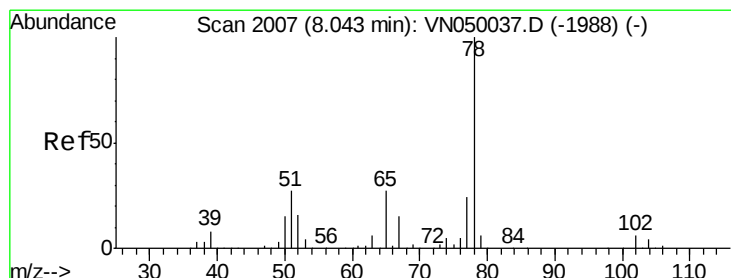
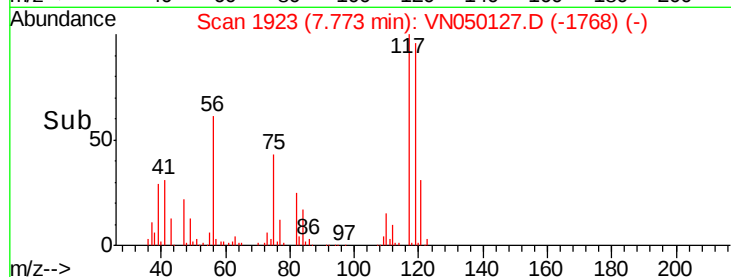
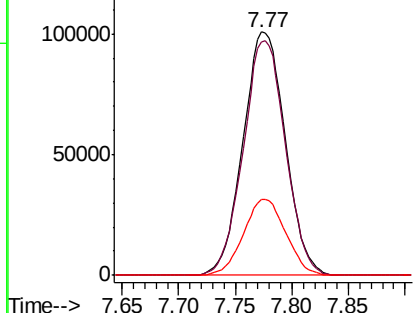
#33
Carbon Tetrachloride
Concen: 17.66 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
121	31.1	24.4	36.6

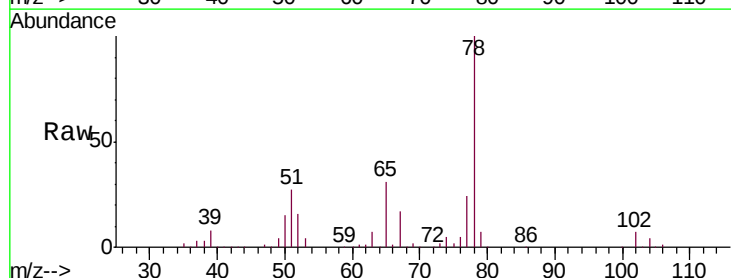


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

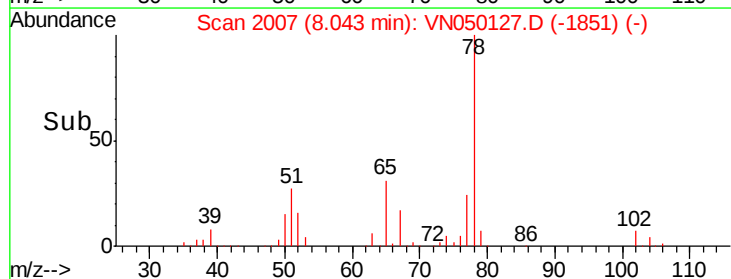
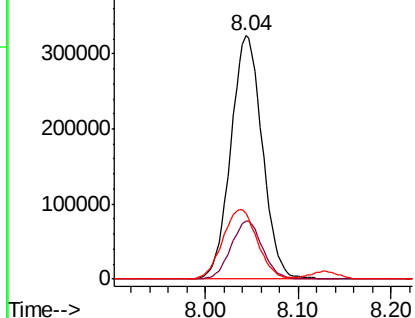


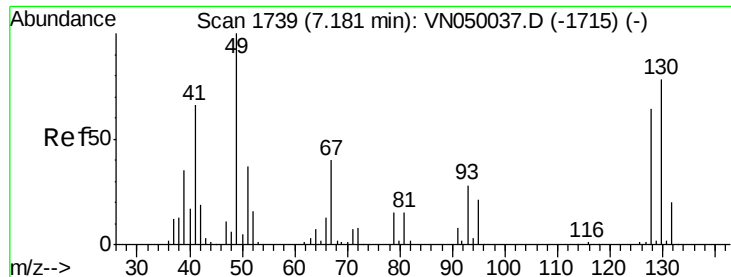
#34
Benzene
Concen: 17.79 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7
51	26.8	21.0	31.4



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

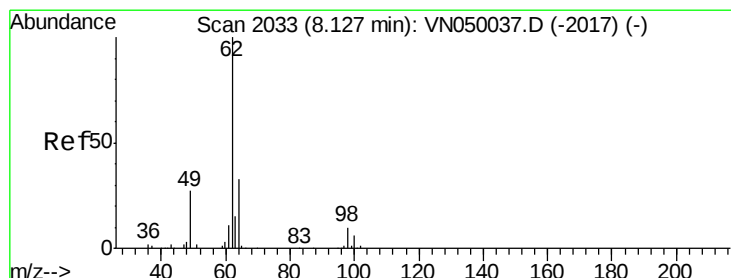
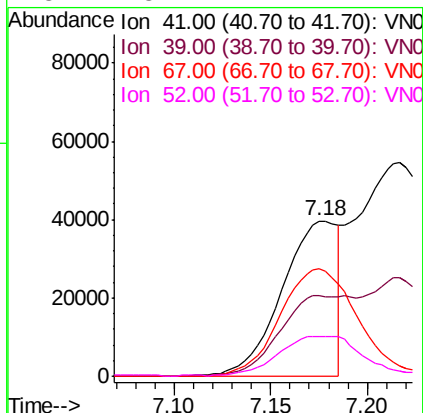
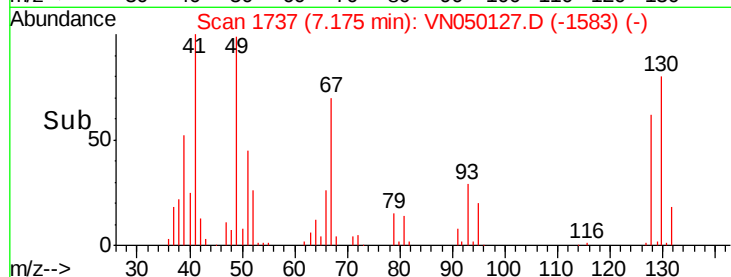
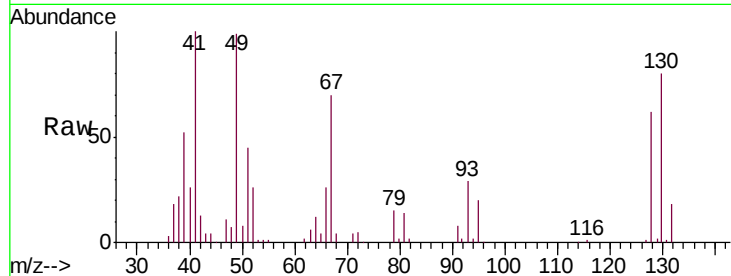




#35
Methacrylonitrile
Concen: 15.73 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

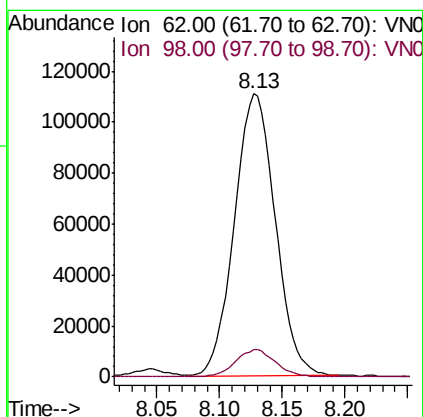
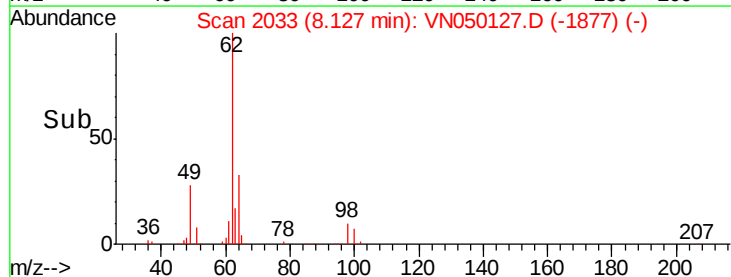
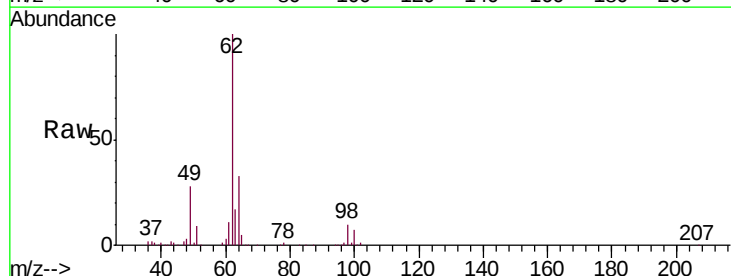
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

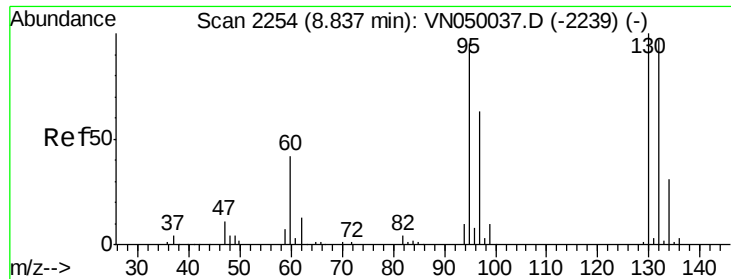
Tot Ion: 41 Resp: 79425
Ion Ratio Lower Upper
41 100
39 51.8 27.6 82.7
67 69.6 35.1 105.5
52 25.1 14.1 42.4



#36
1,2-Dichloroethane
Concen: 17.83 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion: 62 Resp: 251363
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.6

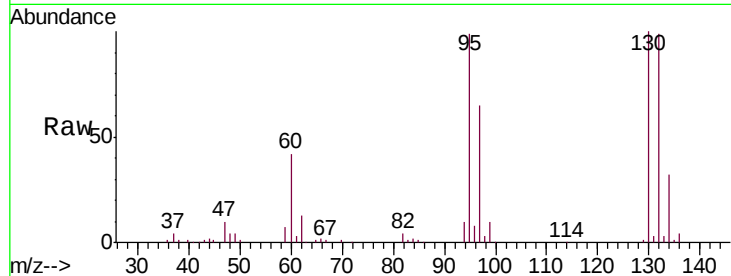




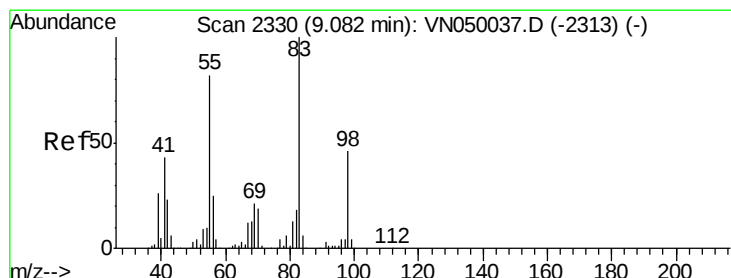
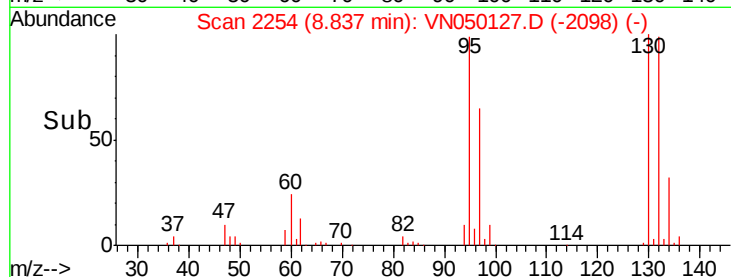
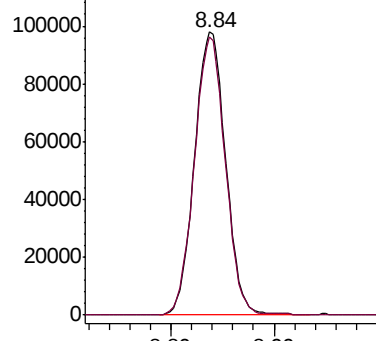
#37
 Trichloroethene
 Concen: 18.31 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Tot Ion:130 Resp: 206115
 Ion Ratio Lower Upper
 130 100
 95 98.5 79.7 119.5

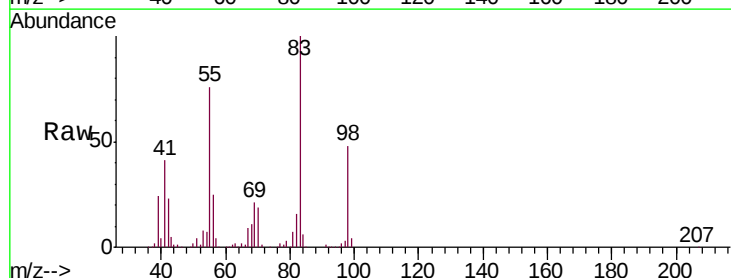


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN0

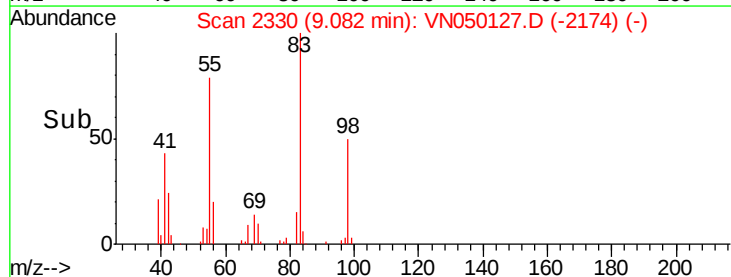
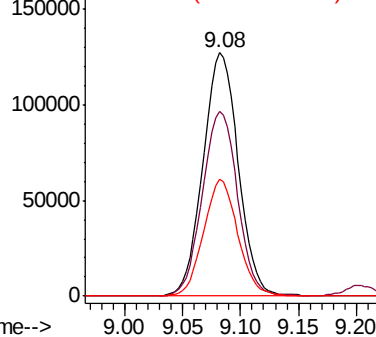


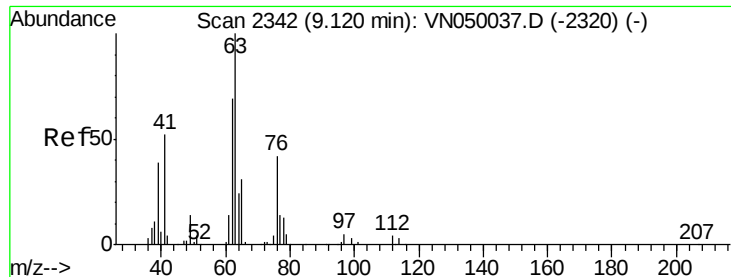
#38
 Methylcyclohexane
 Concen: 18.04 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

Tgt Ion: 83 Resp: 268773
 Ion Ratio Lower Upper
 83 100
 55 75.8 39.3 117.8
 98 46.6 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 55.00 (54.70 to 55.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0

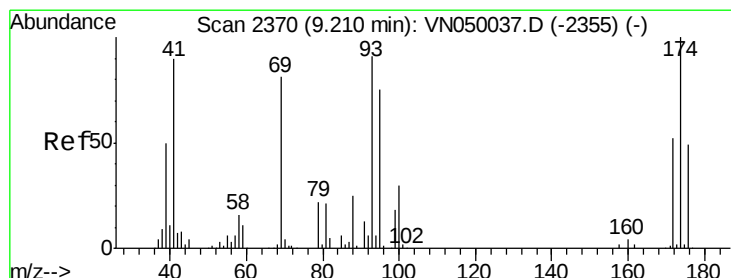
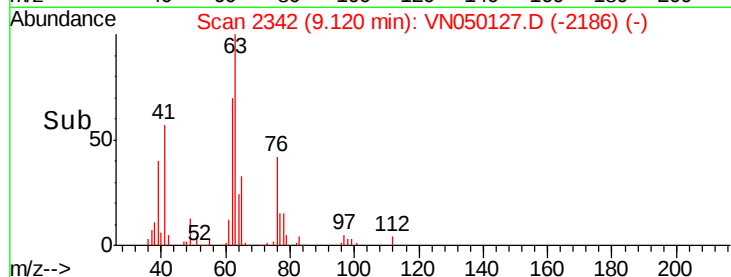
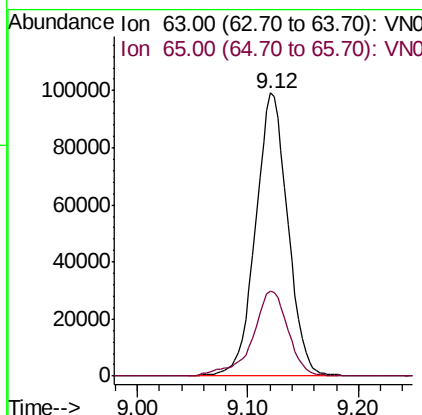
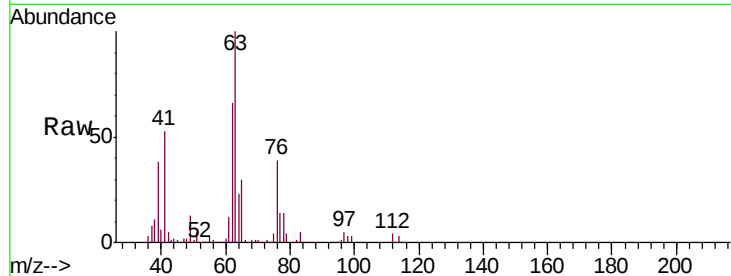




#39
 1,2-Dichloropropane
 Concen: 17.79 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

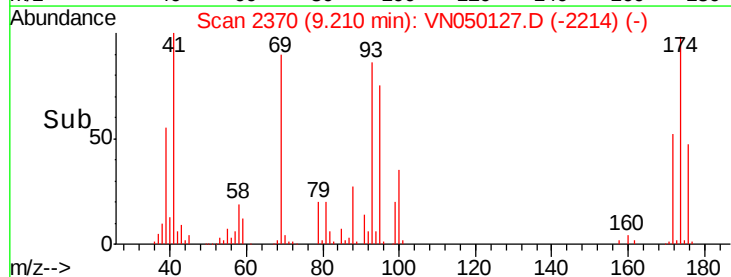
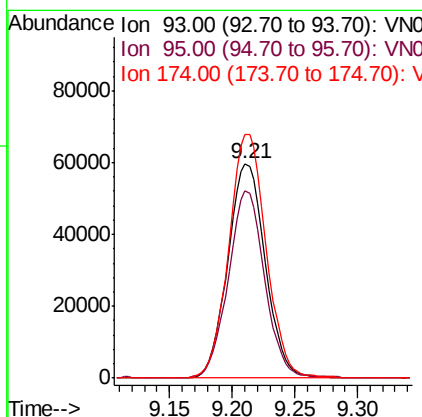
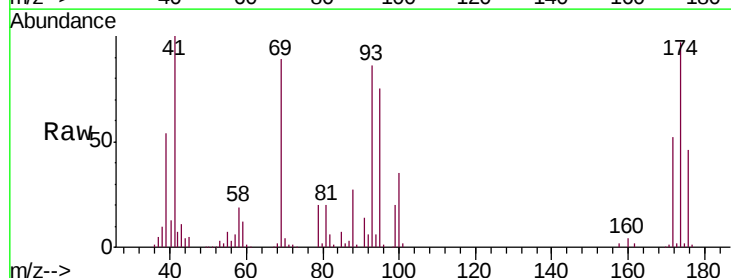
Instrument :
 MSVOA_N
 ClientSampled :
 VN0727WBS01

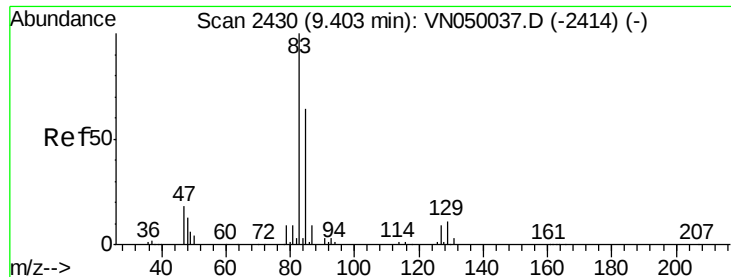
Tot Ion: 63 Resp: 201174
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.2 36.2



#40
 Dibromomethane
 Concen: 17.76 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

Tgt Ion: 93 Resp: 124145
 Ion Ratio Lower Upper
 93 100
 95 84.5 0.0 165.6
 174 113.2 0.0 223.2

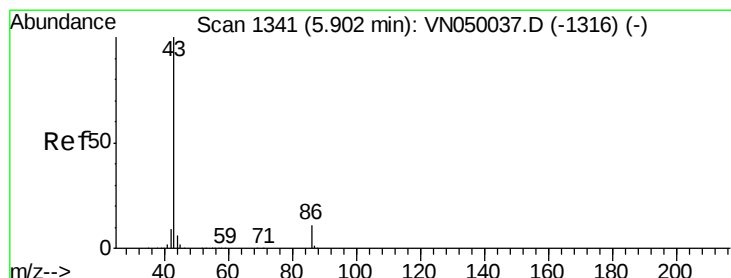
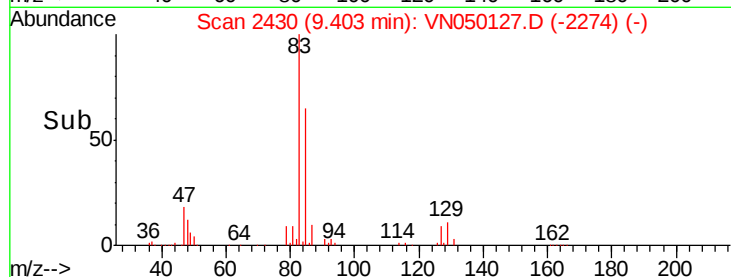
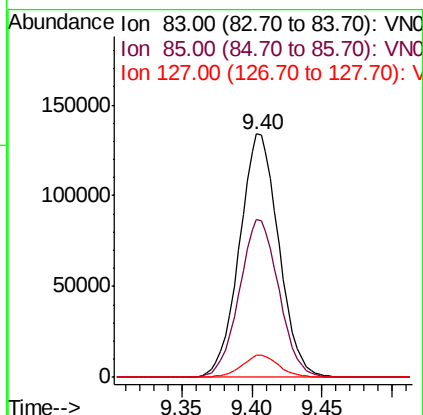
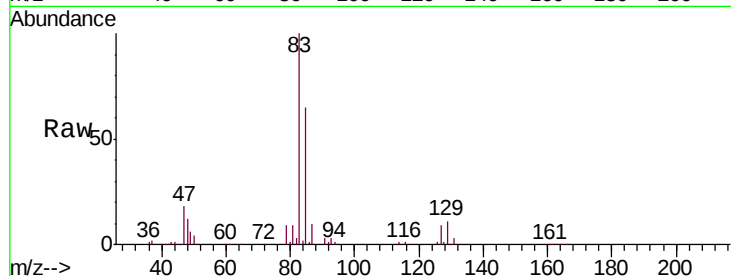




#41
Bromodichloromethane
Concen: 17.71 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

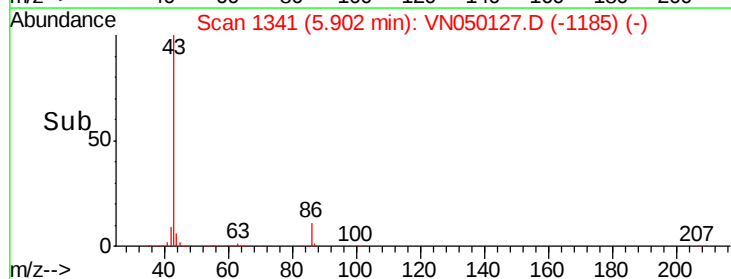
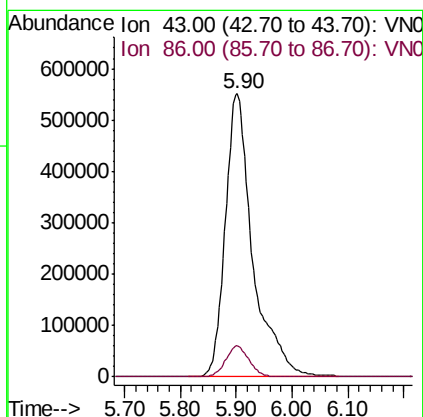
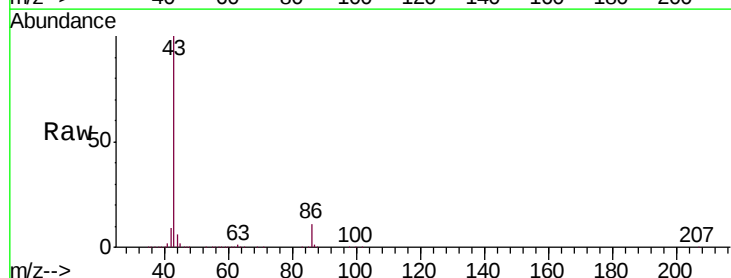
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

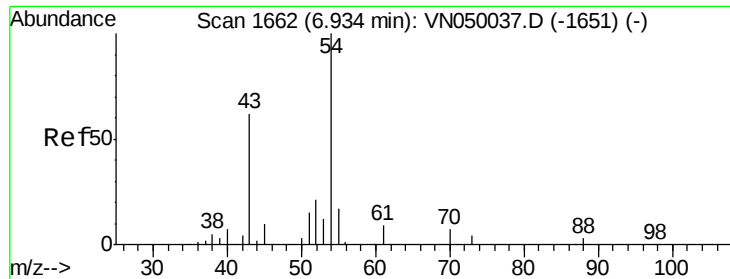
Tot Ion: 83 Resp: 261103
Ion Ratio Lower Upper
83 100
85 64.8 52.6 78.8
127 9.0 7.0 10.4



#42
Vinyl Acetate
Concen: 90.57 ug/l
RT: 5.90 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion: 43 Resp: 1890348
Ion Ratio Lower Upper
43 100
86 9.3 7.3 10.9





#43

Ethyl Acetate

Concen: 18.43 ug/l

RT: 6.93 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

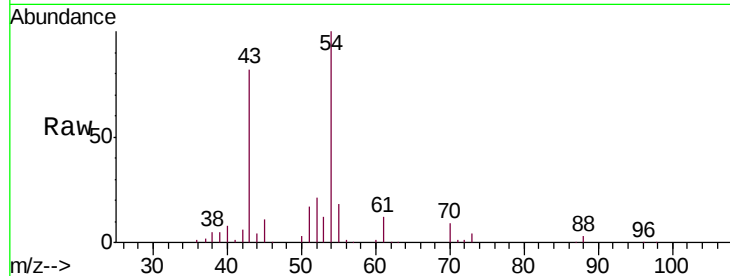
VN0727WBS01

Tot Ion: 43 Resp: 170666

Ion Ratio Lower Upper

43 100

45 13.6 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

150000

100000

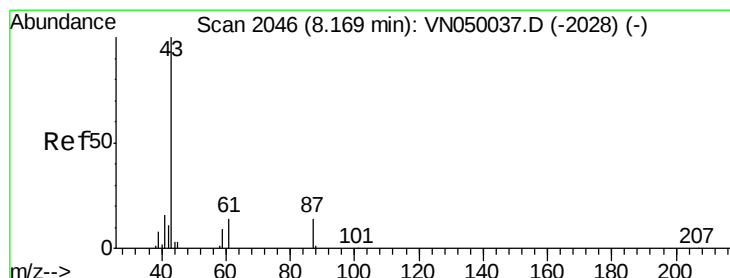
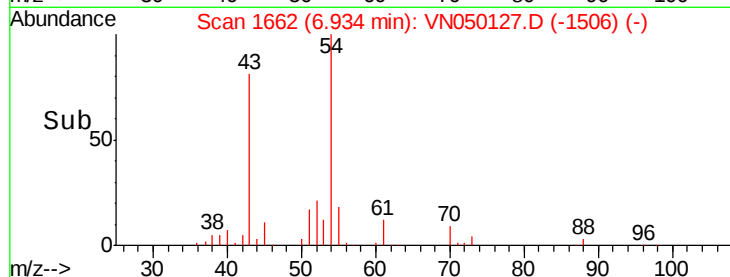
50000

0

6.93

6.90 7.00 7.10

Time-->



#44

Isopropyl Acetate

Concen: 19.92 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050127.D

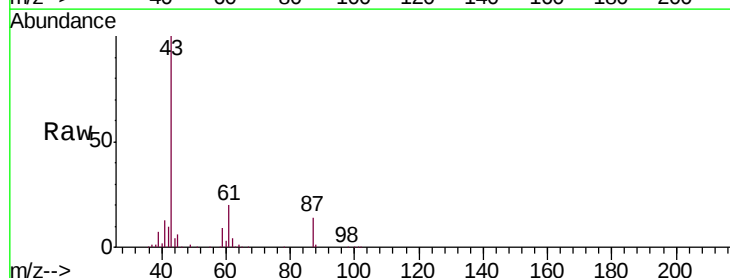
Acq: 27 Jul 2018 12:48

Tgt Ion: 43 Resp: 341684

Ion Ratio Lower Upper

43 100

61 17.9 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

150000

100000

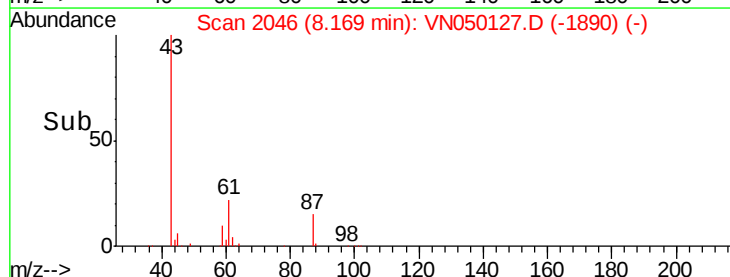
50000

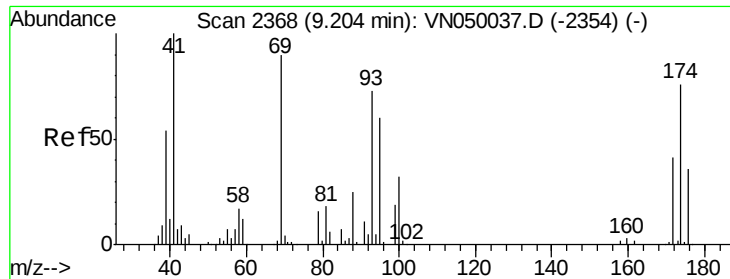
0

8.17

8.05 8.10 8.15 8.20 8.25

Time-->





#45

1,4-Dioxane

Concen: 391.39 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

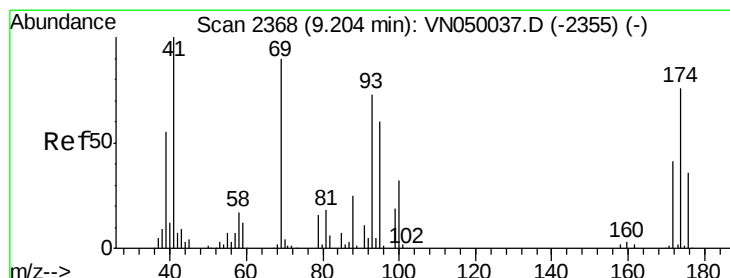
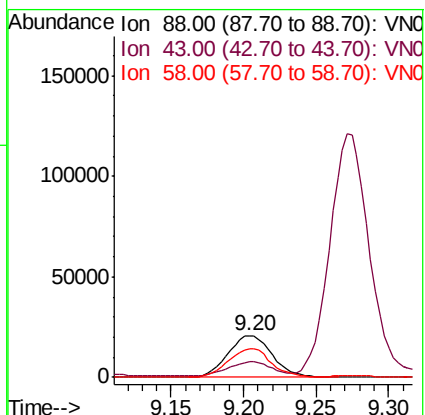
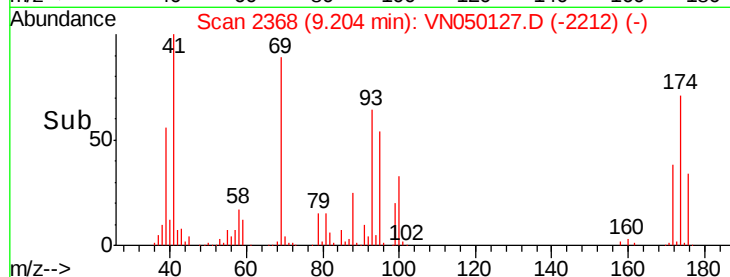
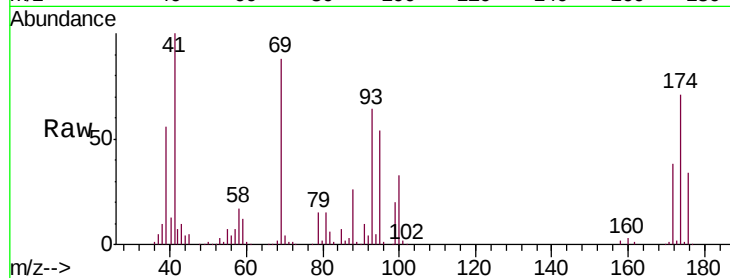
Tot Ion: 88 Resp: 44188

Ion Ratio Lower Upper

88 100

43 32.1 26.9 40.3

58 67.4 53.6 80.4



#46

Methyl methacrylate

Concen: 18.66 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

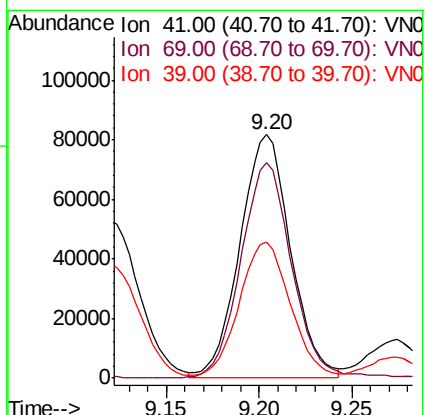
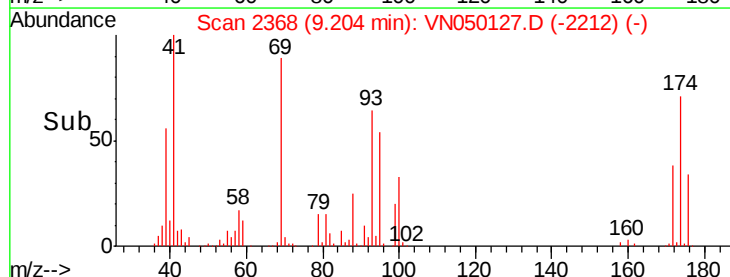
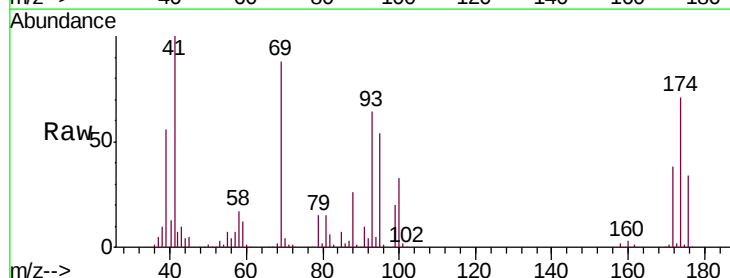
Tgt Ion: 41 Resp: 155192

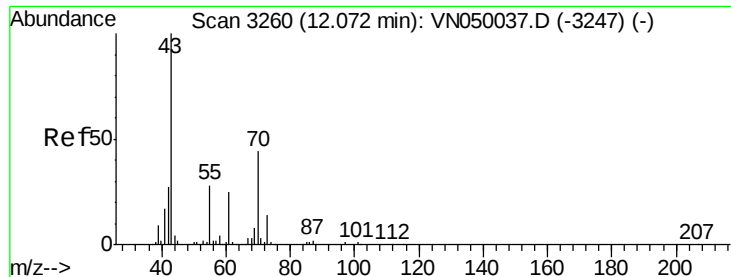
Ion Ratio Lower Upper

41 100

69 89.7 44.0 132.1

39 55.7 27.0 80.8





#47

n-amyl Acetate

Concen: 17.67 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

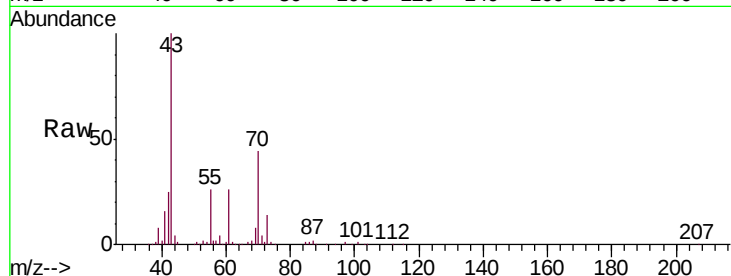
VN0727WBS01

Tot Ion: 43 Resp: 235955

Ion Ratio Lower Upper

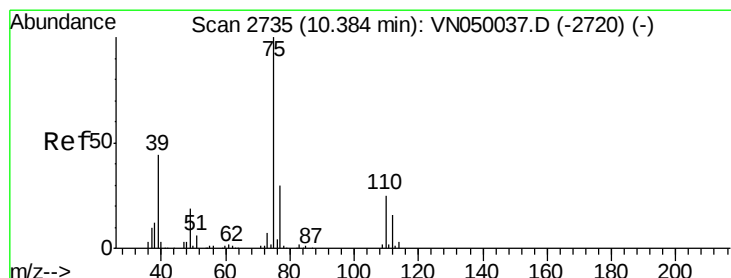
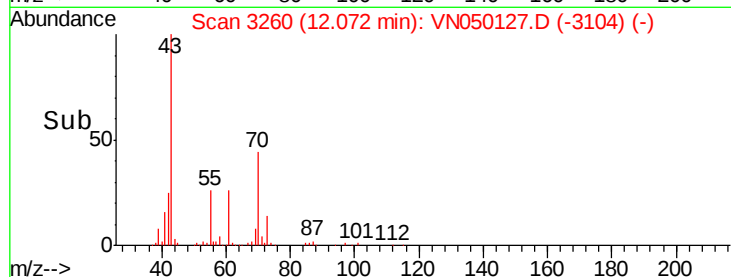
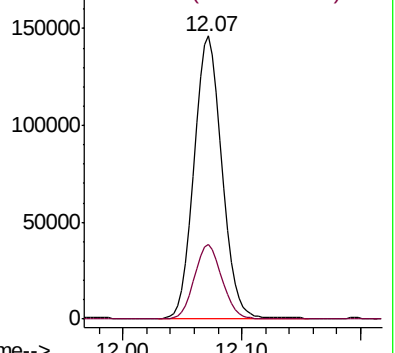
43 100

55 26.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 18.58 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050127.D

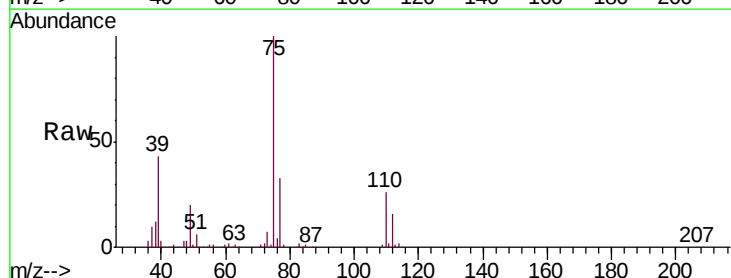
Acq: 27 Jul 2018 12:48

Tgt Ion: 75 Resp: 261047

Ion Ratio Lower Upper

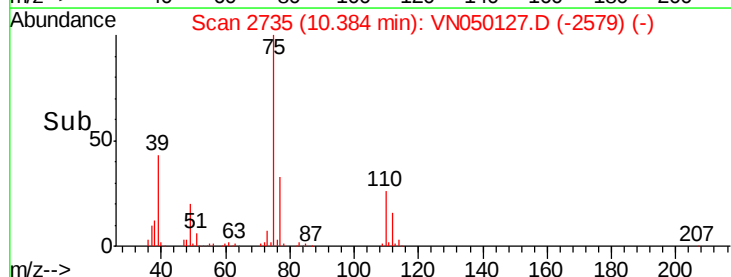
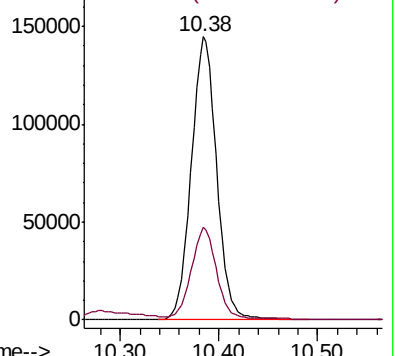
75 100

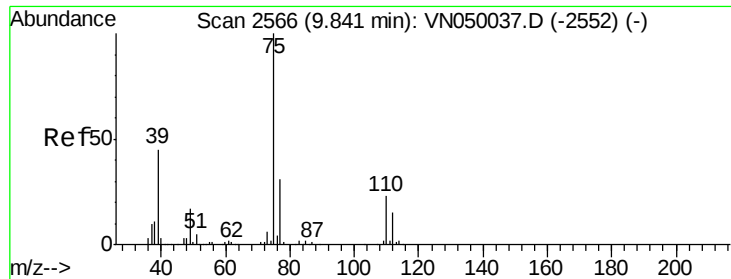
77 32.5 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#49

cis-1,3-Dichloropropene

Concen: 18.21 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

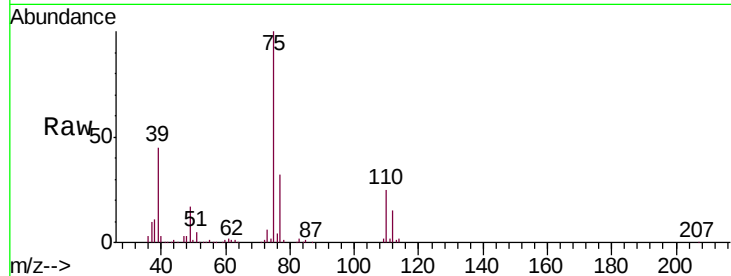
Tot Ion: 75 Resp: 300684

Ion Ratio Lower Upper

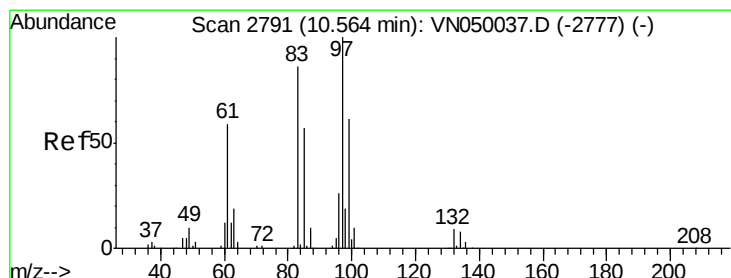
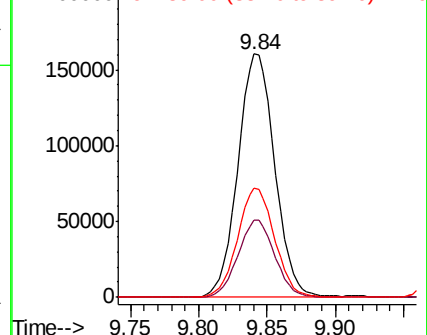
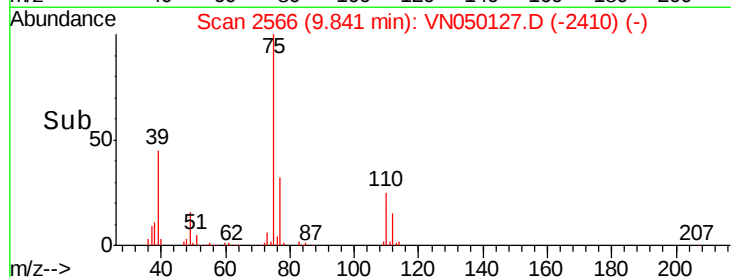
75 100

77 31.5 25.7 38.5

39 45.1 36.3 54.5



Abundance Ion 75.00 (74.70 to 75.70): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane

Concen: 18.19 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Tgt Ion: 97 Resp: 182489

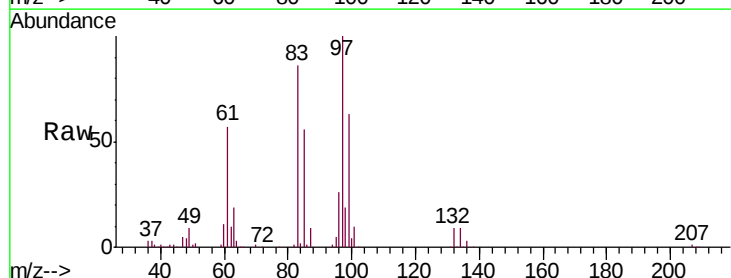
Ion Ratio Lower Upper

97 100

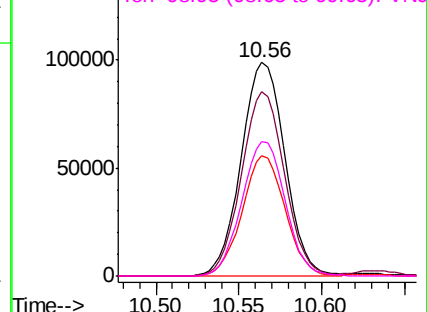
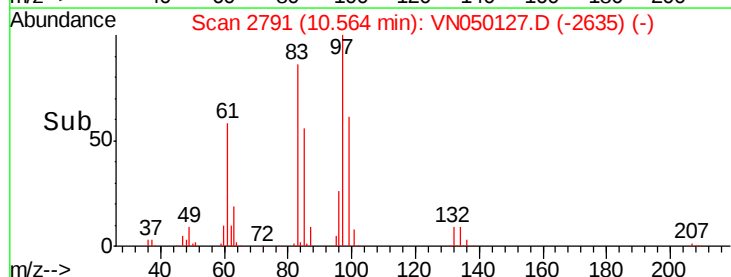
83 86.2 68.1 102.1

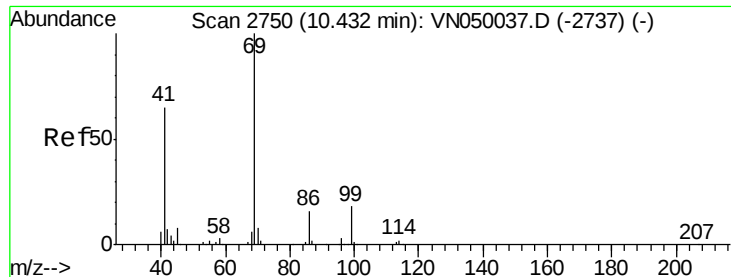
85 56.3 45.4 68.2

99 62.7 49.4 74.0



Abundance Ion 97.00 (96.70 to 97.70): VNO
Ion 82.95 (82.65 to 83.65): VNO
Ion 84.95 (84.65 to 85.65): VNO
Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 18.62 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

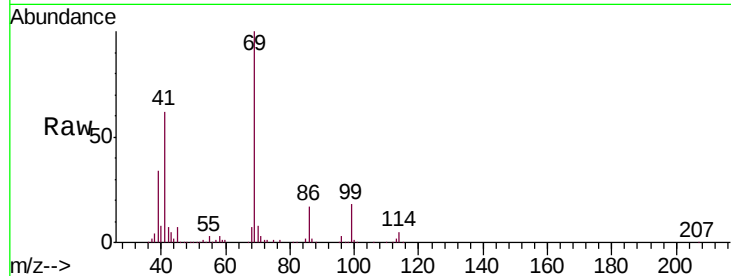
MSVOA_N

ClientSampleId :

VN0727WBS01

Tot Ion: 69 Resp: 226670

Ion	Ratio	Lower	Upper
69	100		
41	61.3	31.9	95.9
39	34.3	16.7	50.1

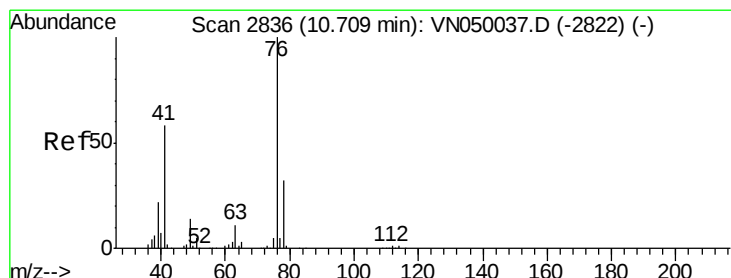
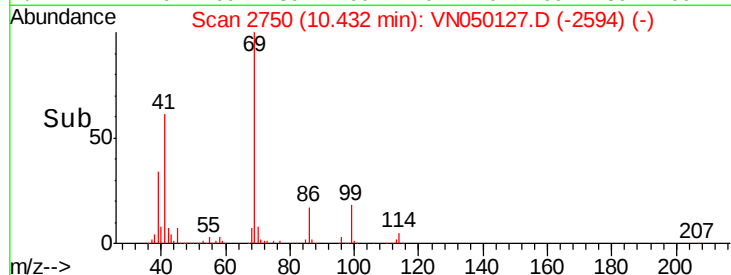
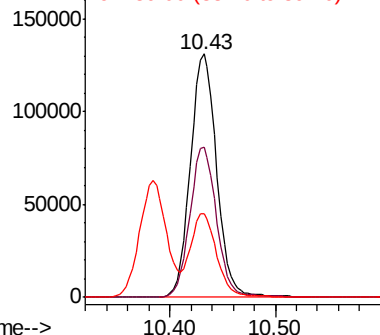


Abundance

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



#52

1,3-Dichloropropane

Concen: 18.12 ug/l

RT: 10.71 min Scan# 2836

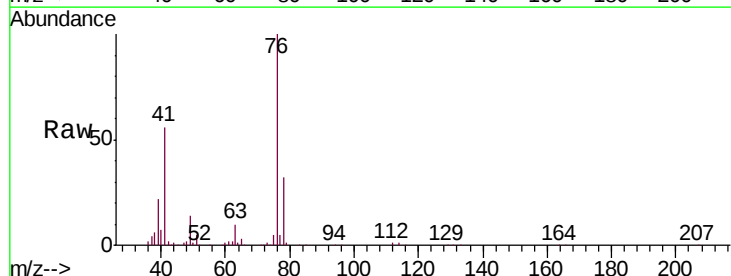
Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Tgt Ion: 76 Resp: 298540

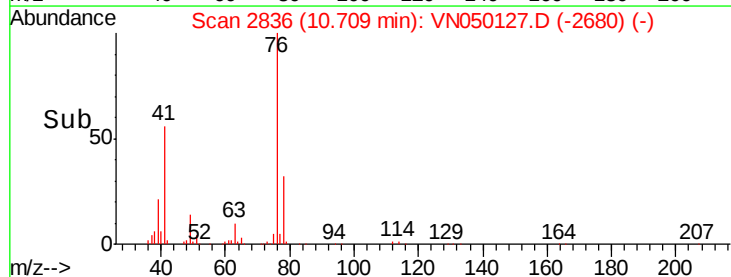
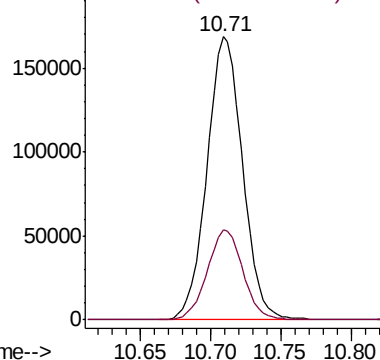
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.6

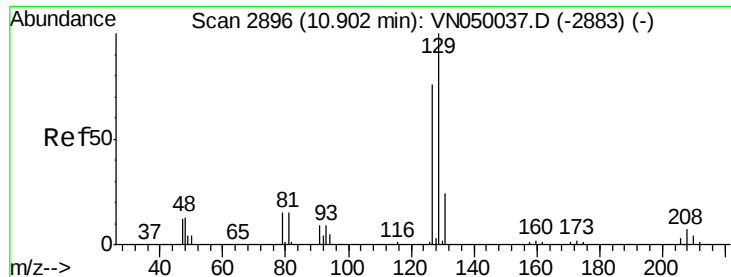


Abundance

Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

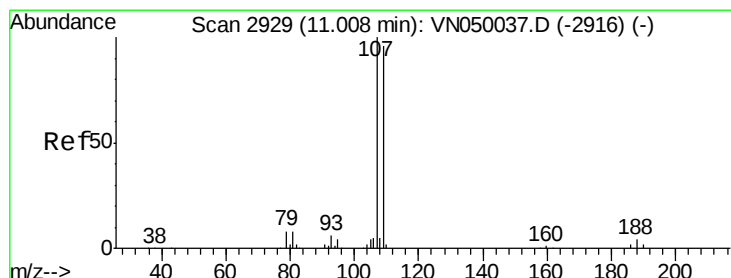
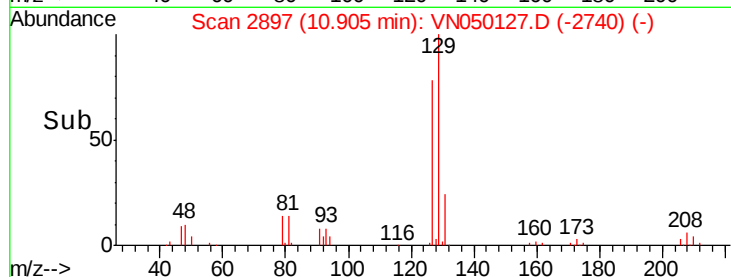
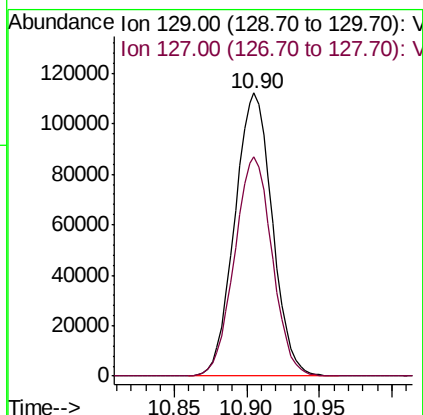
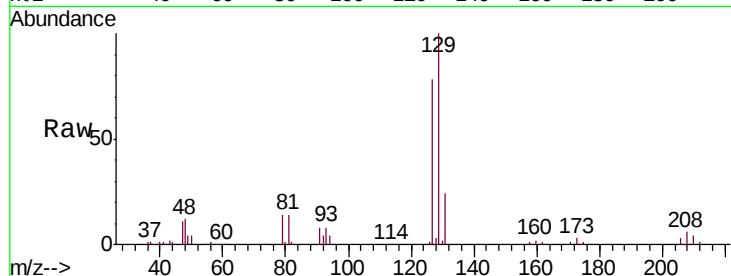




#53
Dibromochloromethane
Concen: 17.77 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

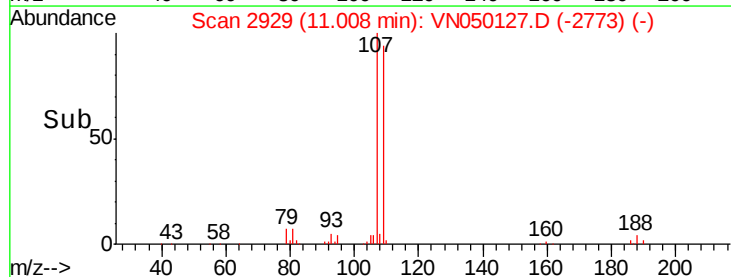
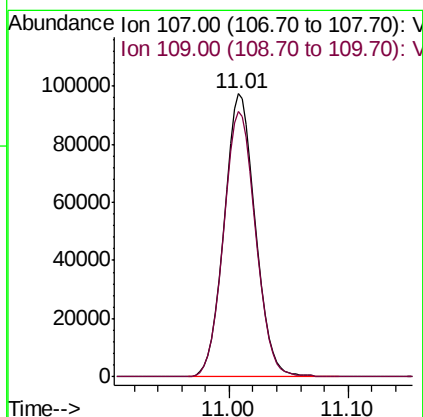
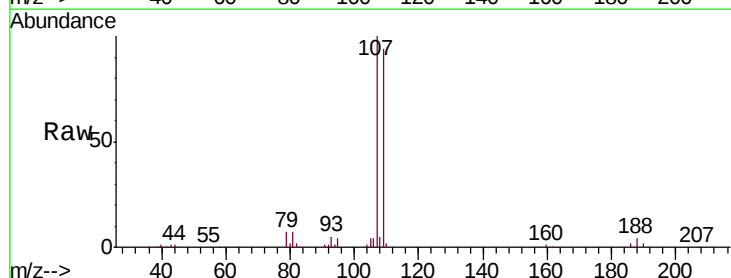
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

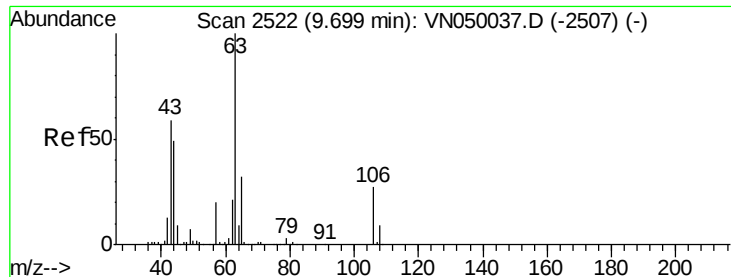
Tot Ion:129 Resp: 202313
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5



#54
1,2-Dibromoethane
Concen: 17.97 ug/l
RT: 11.01 min Scan# 2929
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion:107 Resp: 176553
Ion Ratio Lower Upper
107 100
109 96.0 76.2 114.2

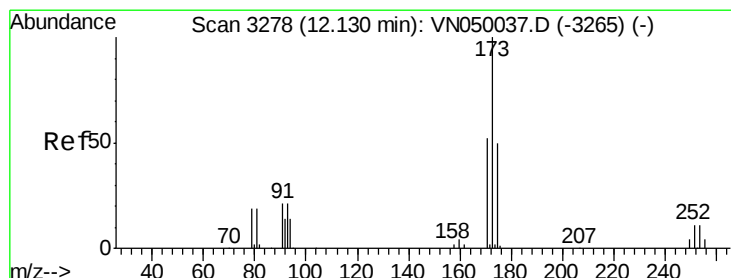
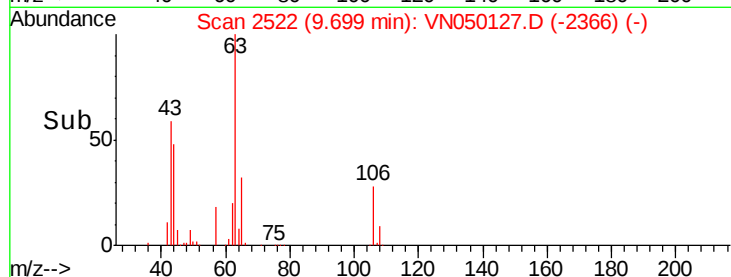
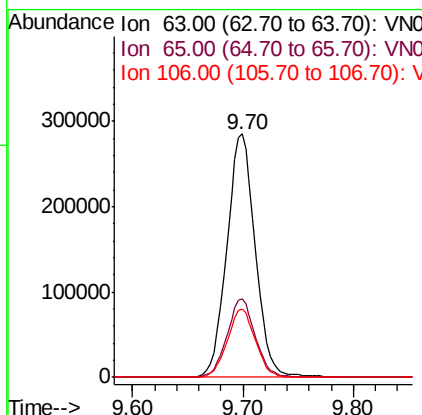
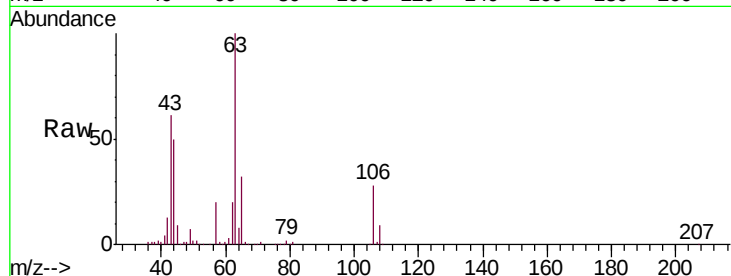




#55
2-Chloroethyl vinyl ether
Concen: 92.20 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

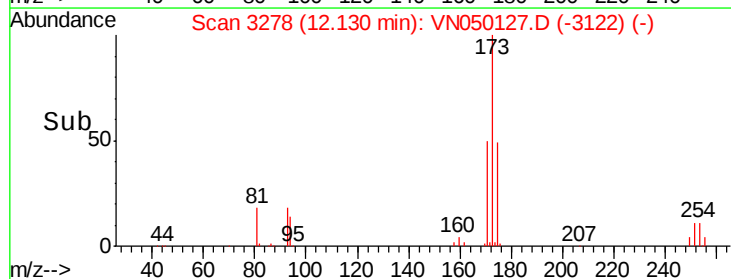
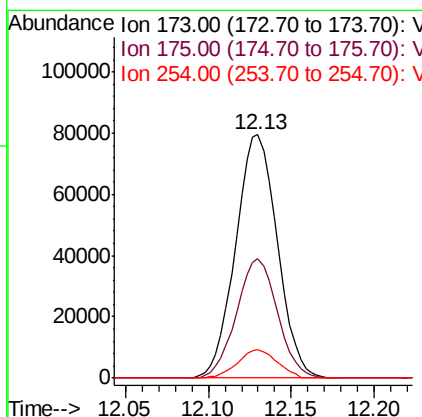
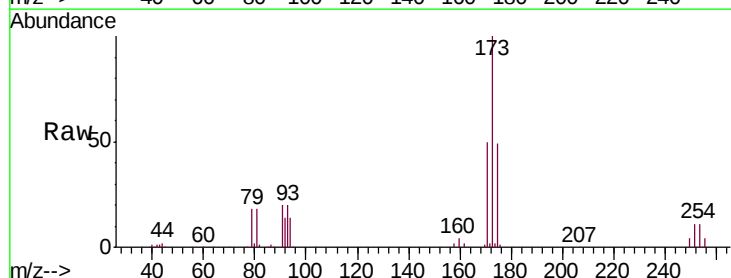
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

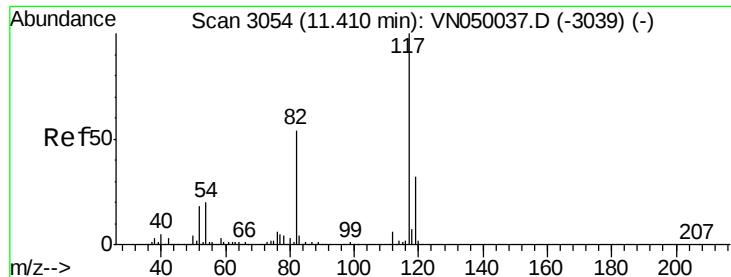
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3
106	28.0	21.8	32.6



#56
Bromoform
Concen: 17.33 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.6	57.8
254	11.1	8.8	13.2

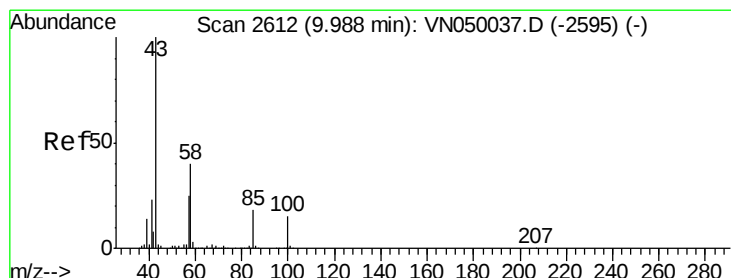
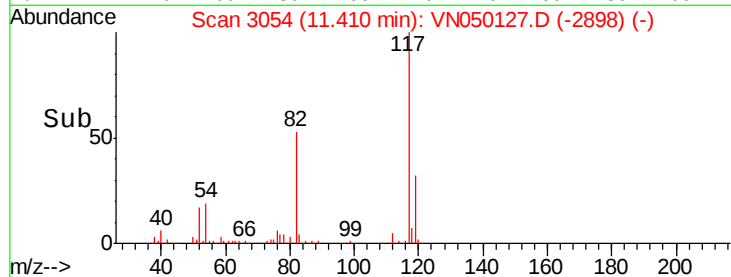
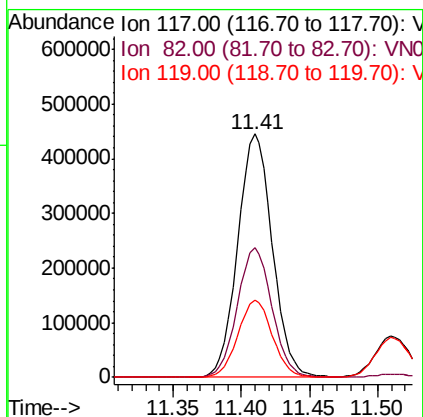
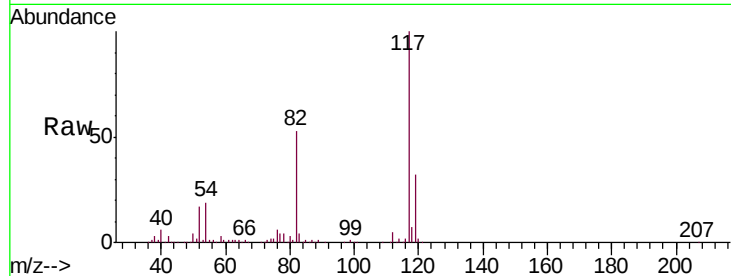




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

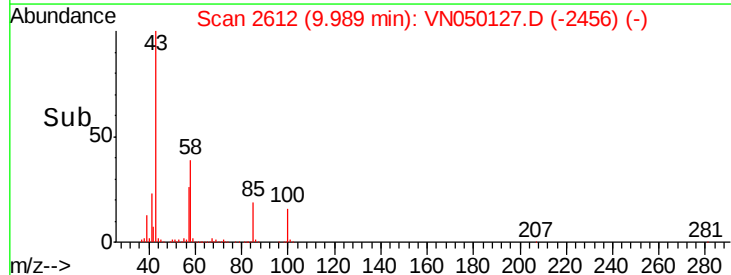
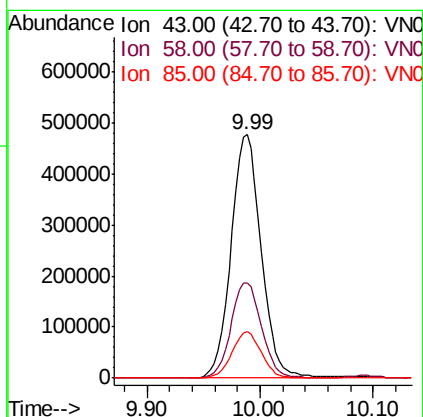
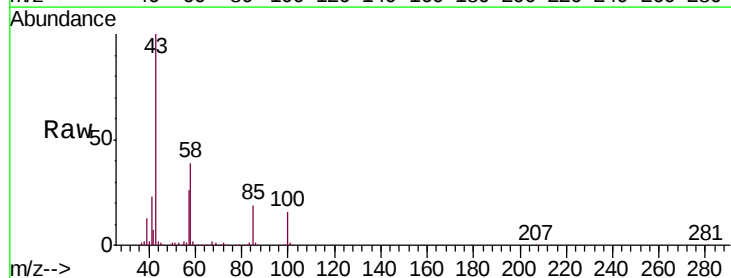
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

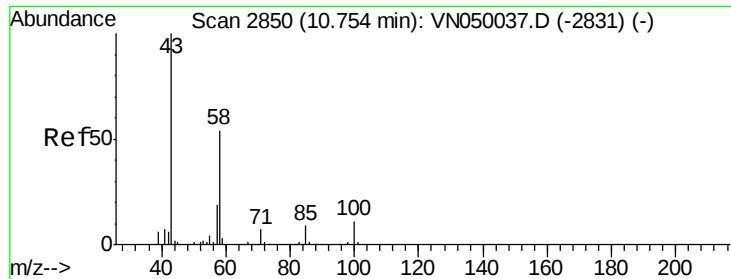
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.4	63.6
119	31.6	25.4	38.0



#58
4-Methyl-2-Pentanone
Concen: 96.28 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.2	46.8
85	18.9	14.4	21.6

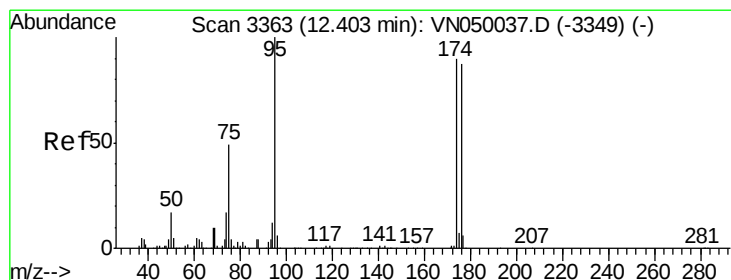
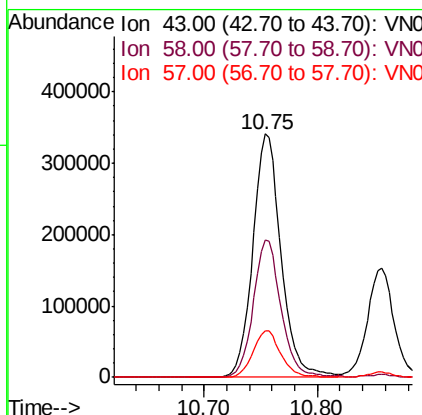
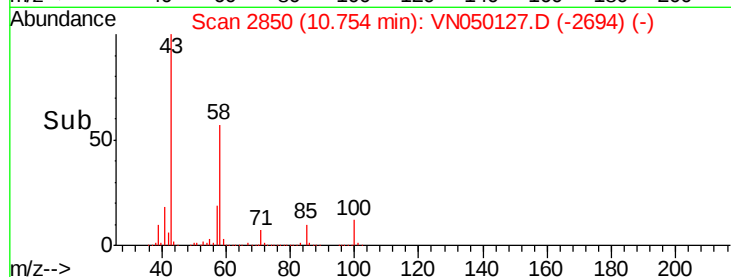
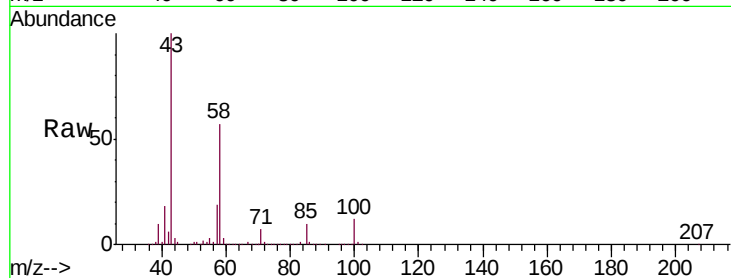




#59
2-Hexanone
Concen: 94.27 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

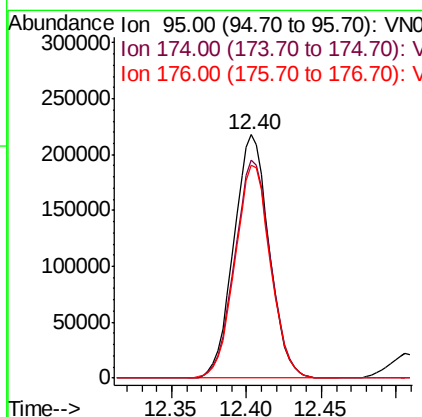
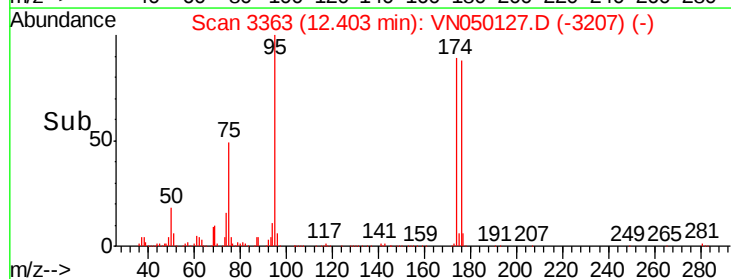
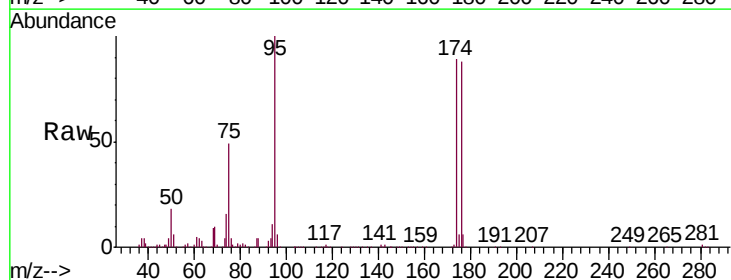
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

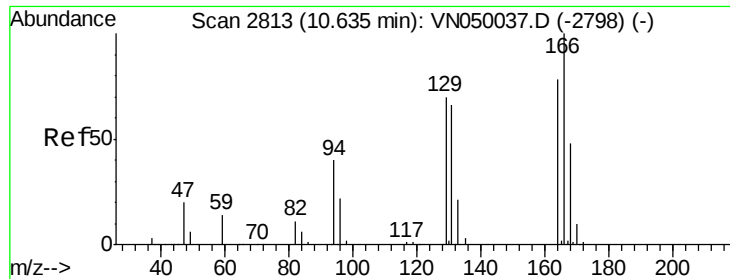
Tot Ion: 43 Resp: 587616
Ion Ratio Lower Upper
43 100
58 55.8 43.8 65.8
57 19.3 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.67 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion: 95 Resp: 357904
Ion Ratio Lower Upper
95 100
174 90.9 72.3 108.5
176 88.1 70.0 105.0





#61

Tetrachloroethene

Concen: 18.13 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tot Ion:164 Resp: 192856

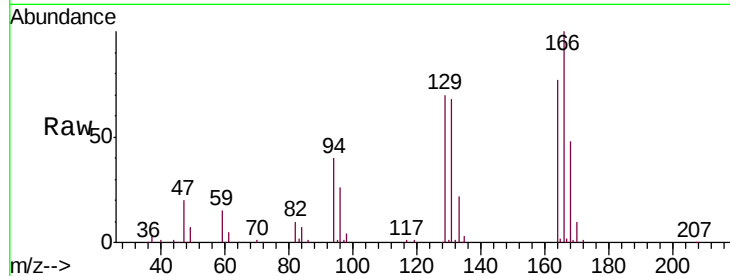
Ion Ratio Lower Upper

164 100

166 129.1 100.0 150.0

129 90.4 69.3 103.9

131 88.2 68.8 103.2

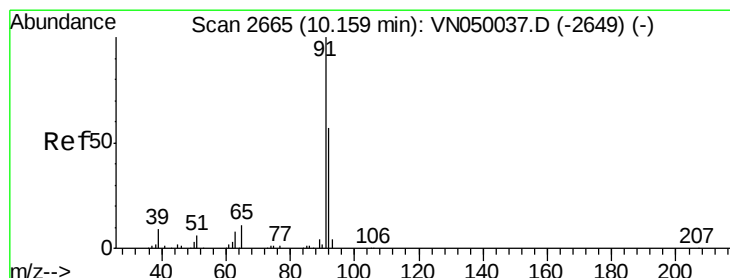
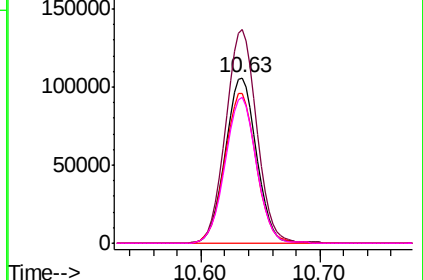
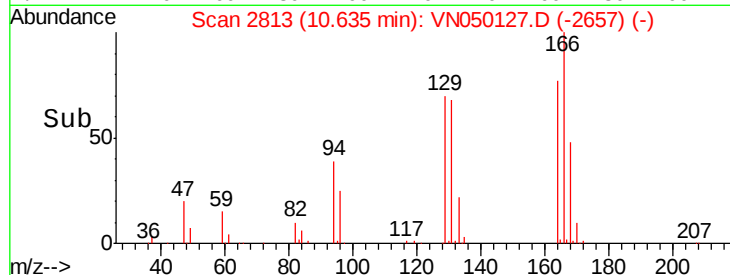


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.77 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050127.D

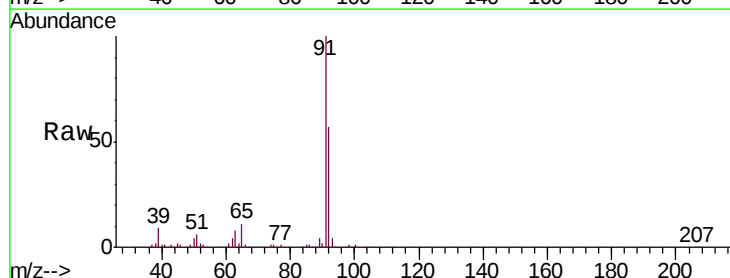
Acq: 27 Jul 2018 12:48

Tgt Ion: 91 Resp: 840860

Ion Ratio Lower Upper

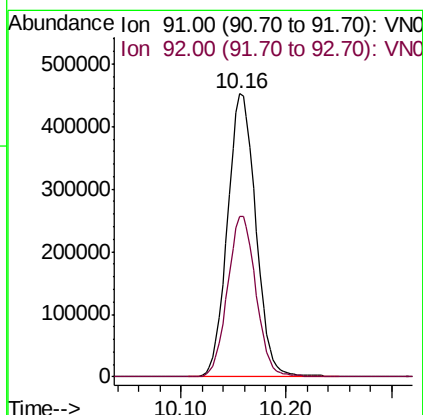
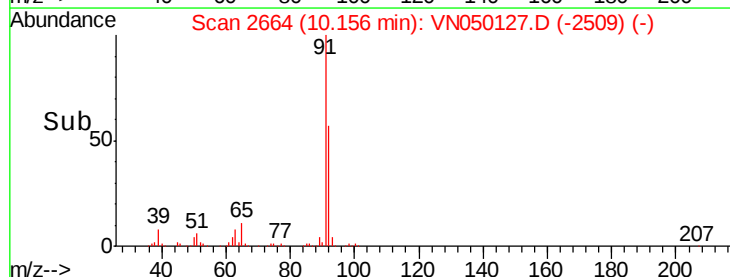
91 100

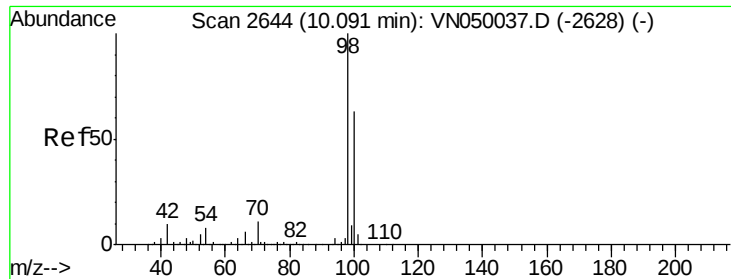
92 56.7 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.35 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

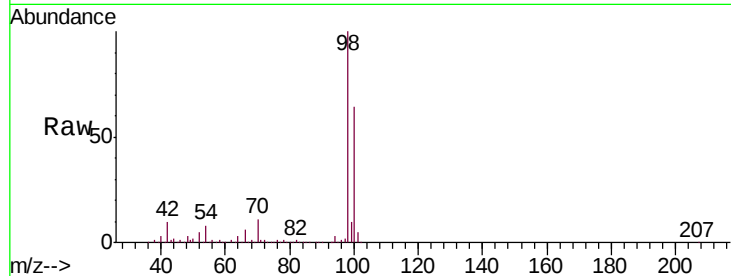
VN0727WBS01

Tot Ion: 98 Resp: 1100698

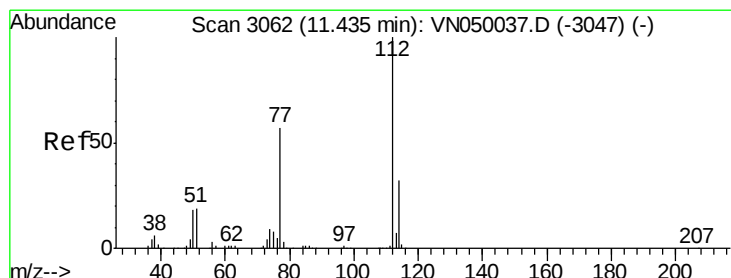
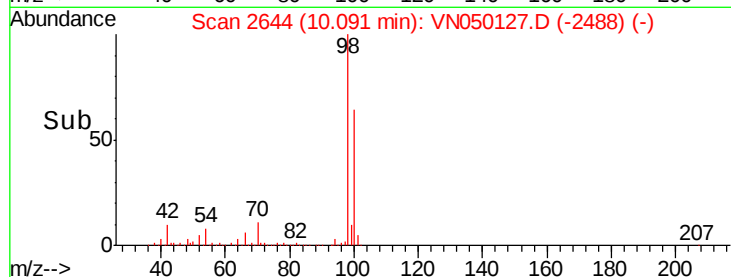
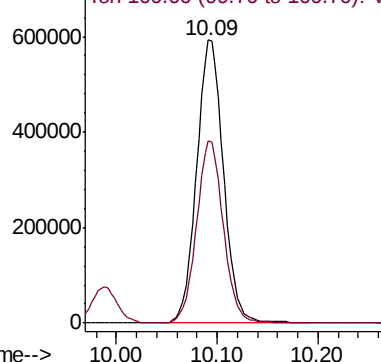
Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN050127.D (-2628) (-)



#64

Chlorobenzene

Concen: 18.87 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN050127.D

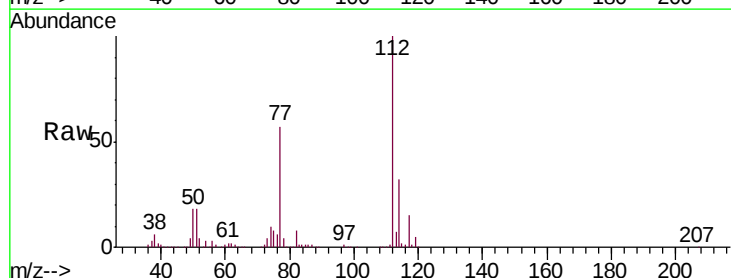
Acq: 27 Jul 2018 12:48

Tgt Ion: 112 Resp: 512632

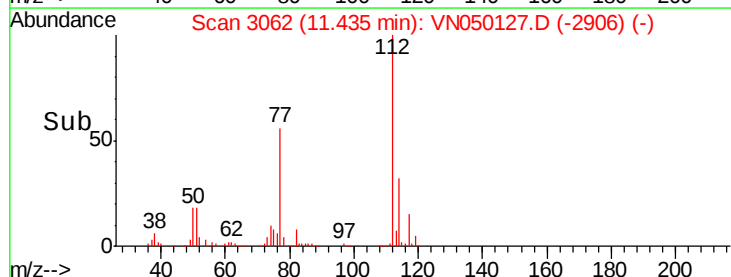
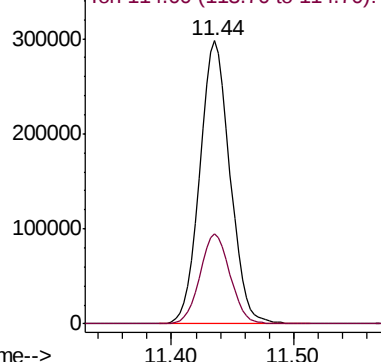
Ion Ratio Lower Upper

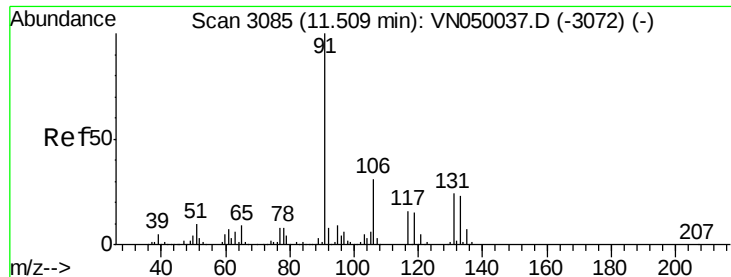
112 100

114 31.8 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VN050127.D (-3047) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 18.50 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampled :

VN0727WBS01

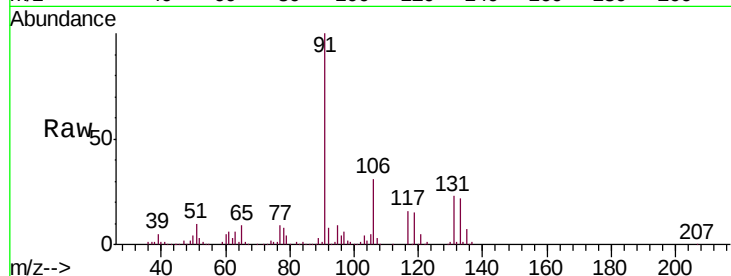
Tot Ion:131 Resp: 196006

Ion Ratio Lower Upper

131 100

133 94.7 0.0 190.0

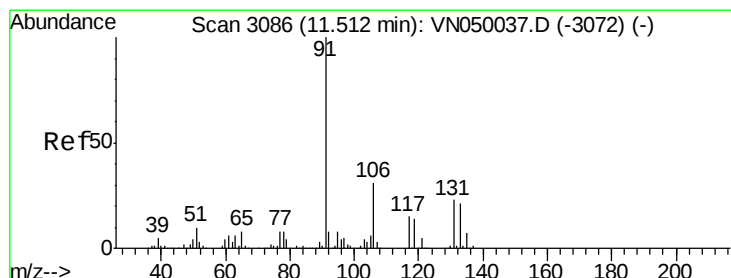
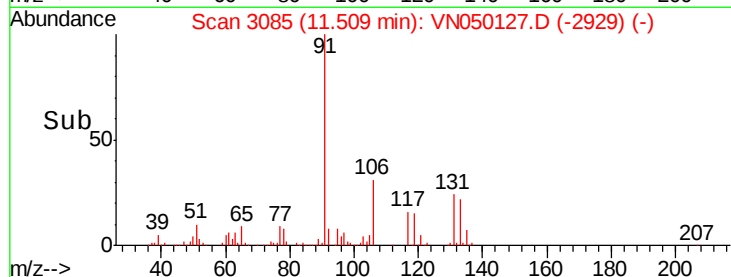
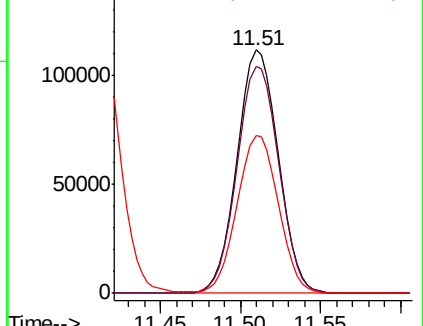
119 65.1 0.0 131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.93 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050127.D

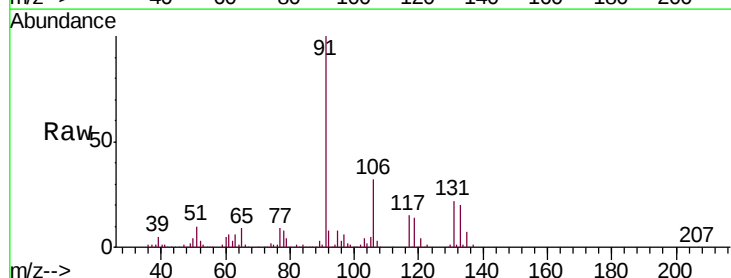
Acq: 27 Jul 2018 12:48

Tgt Ion: 91 Resp: 866674

Ion Ratio Lower Upper

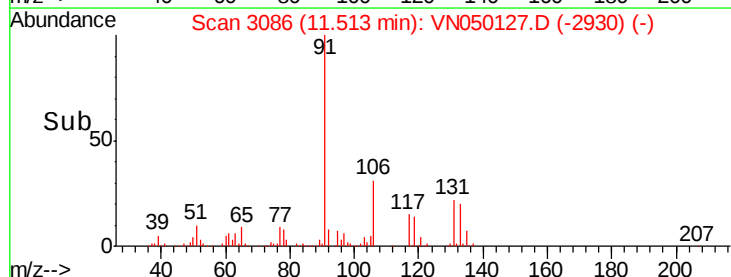
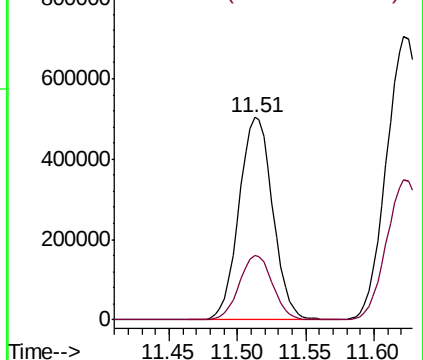
91 100

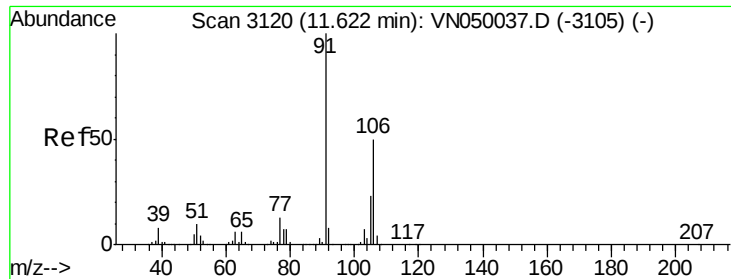
106 31.6 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.03 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

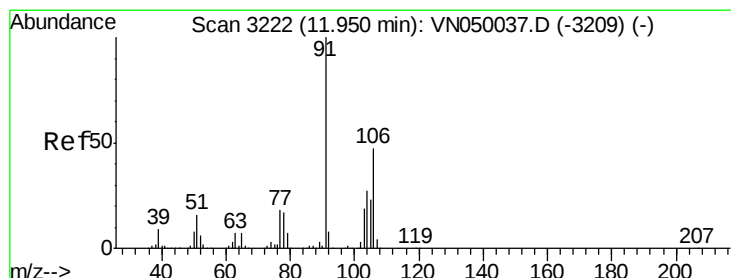
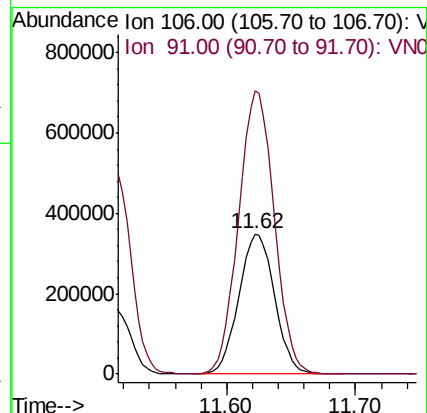
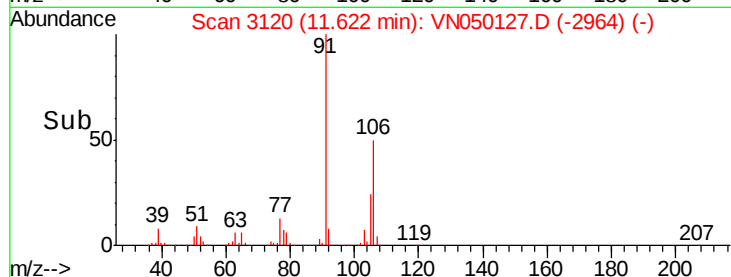
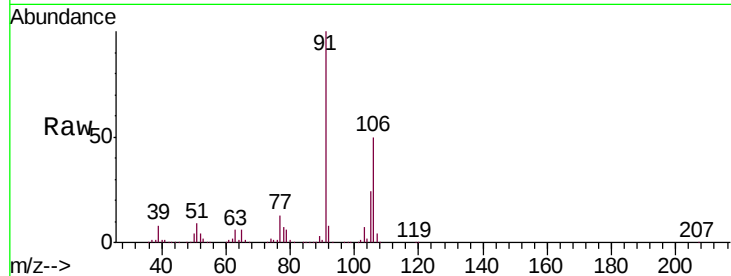
VN0727WBS01

Tot Ion:106 Resp: 670063

Ion Ratio Lower Upper

106 100

91 202.2 162.5 243.7



#68

o-Xylene

Concen: 19.38 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN050127.D

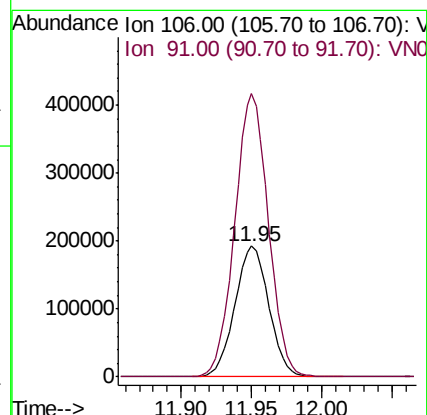
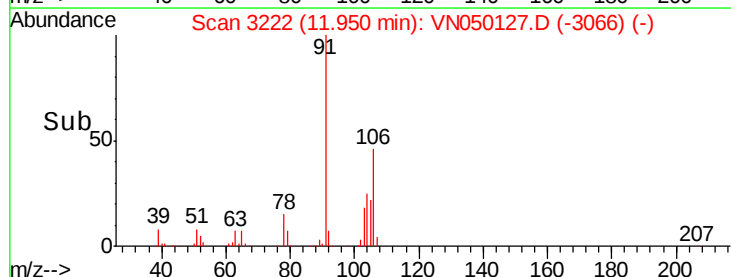
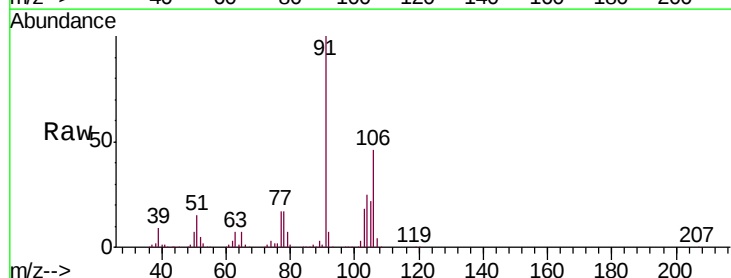
Acq: 27 Jul 2018 12:48

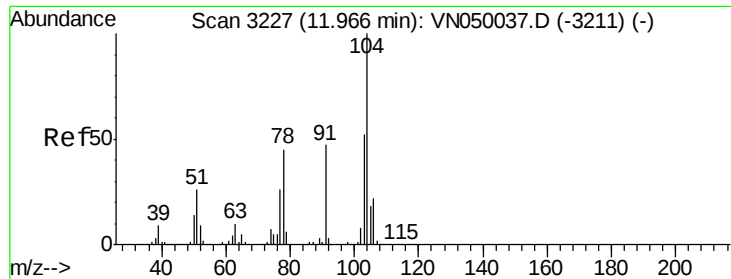
Tgt Ion:106 Resp: 324884

Ion Ratio Lower Upper

106 100

91 213.7 106.8 320.4

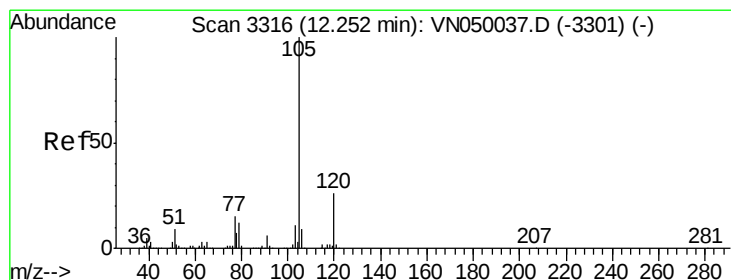
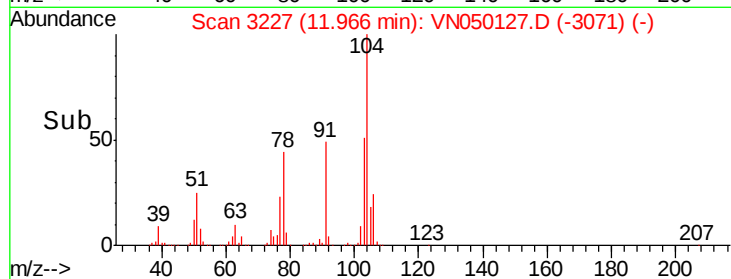
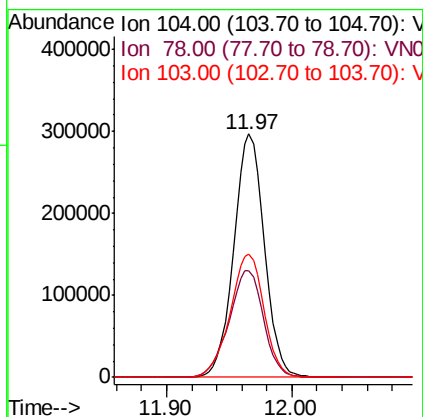
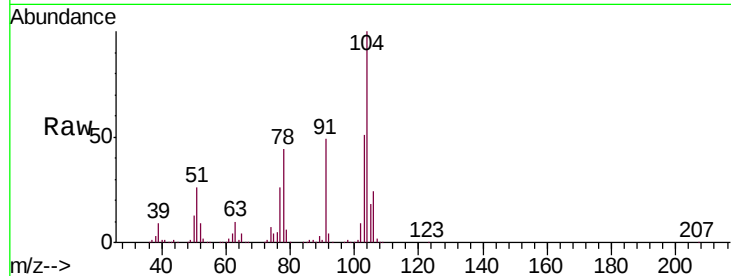




#69
Stvrene
Concen: 18.74 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

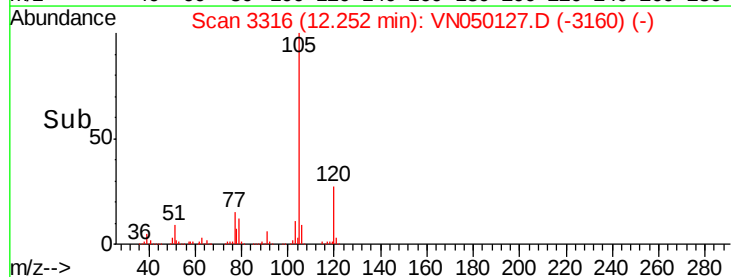
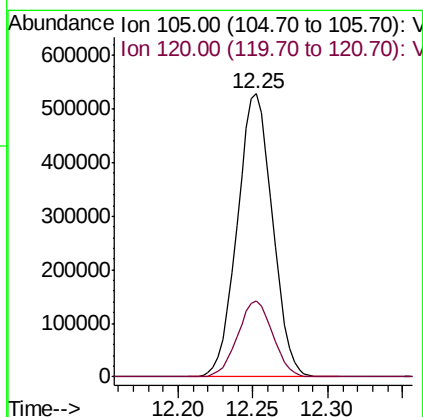
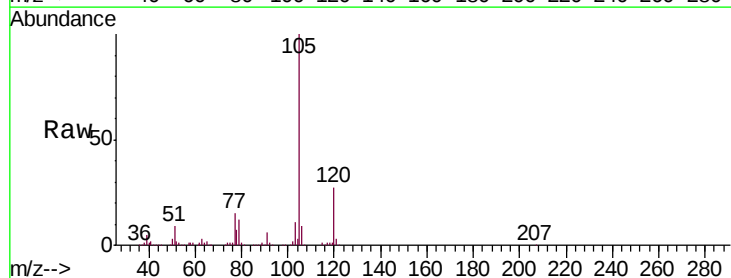
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

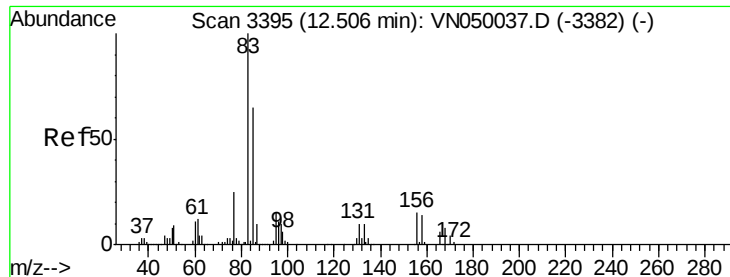
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.3	58.9
103	56.1	44.5	66.7



#70
Isopropylbenzene
Concen: 19.42 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.9	35.1

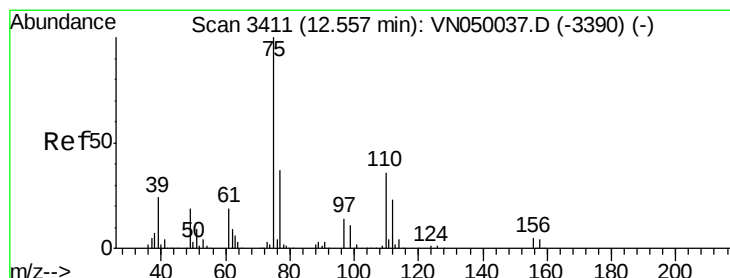
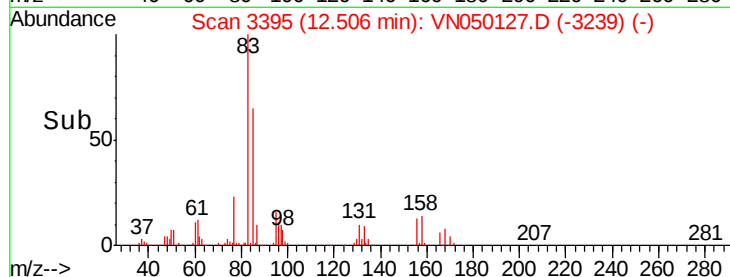
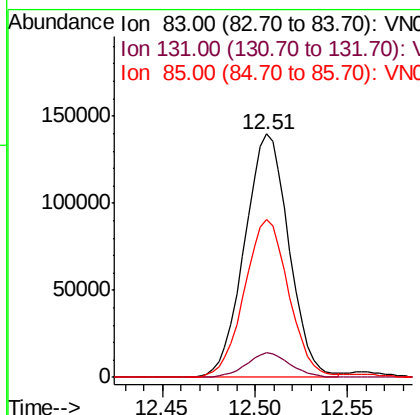
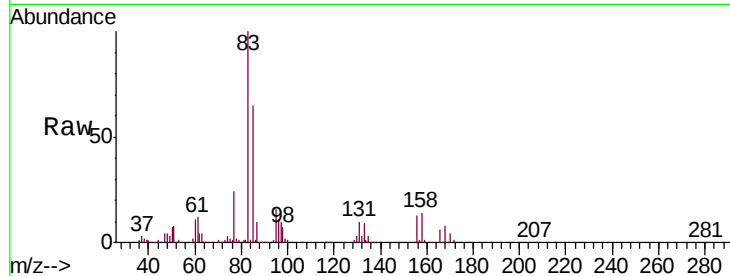




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.02 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

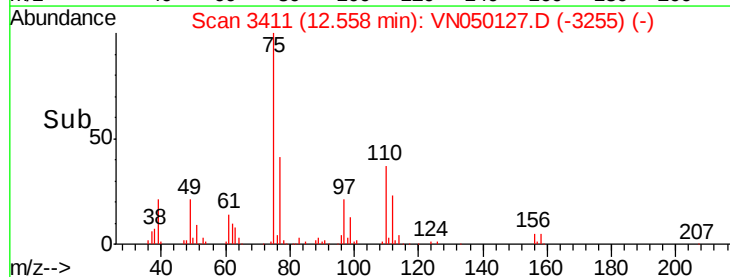
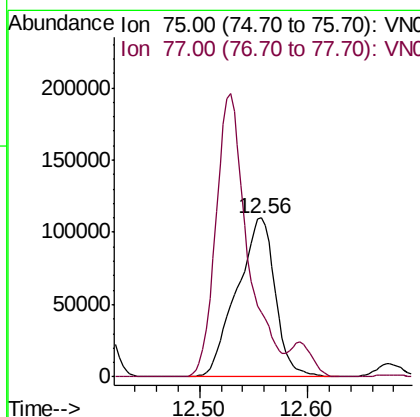
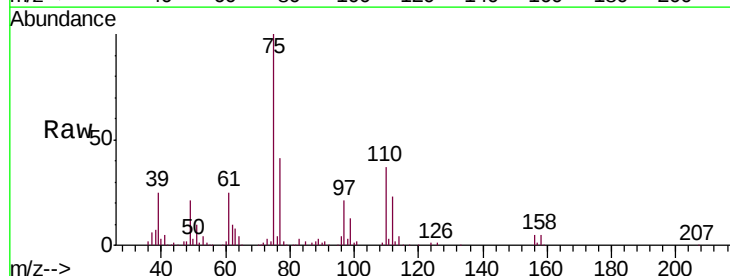
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

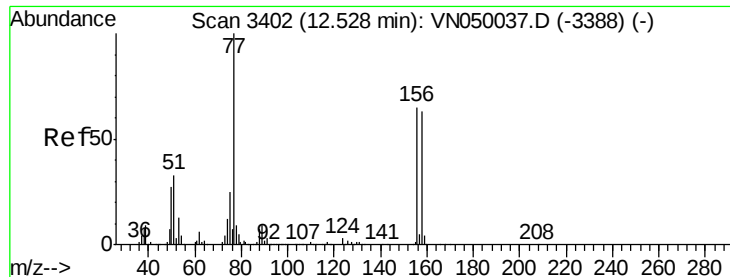
Tot Ion	83	Resp	233108
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.2	15.6
85	64.7	31.7	95.1



#72
 1,2,3-Trichloropropane
 Concen: 25.94 ug/l
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

Tgt Ion	75	Resp	271559
Ion Ratio	Lower	Upper	
75	100		
77	148.2	0.0	454.4





#73

Bromobenzene

Concen: 18.57 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

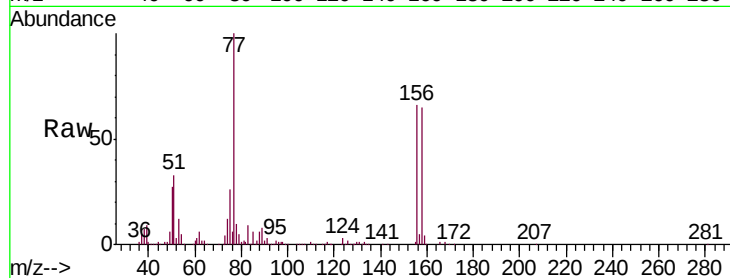
Tot Ion:156 Resp: 220896

Ion Ratio Lower Upper

156 100

77 182.2 0.0 359.8

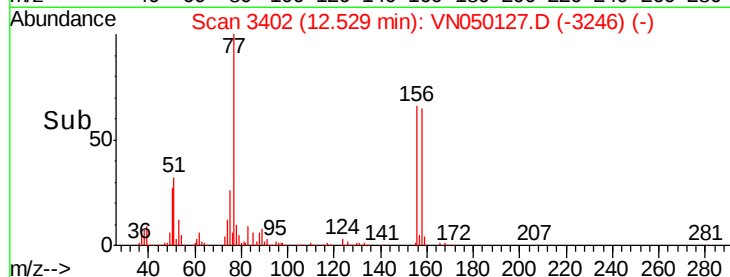
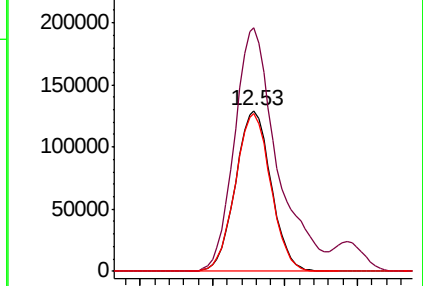
158 97.7 0.0 192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.51 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050127.D

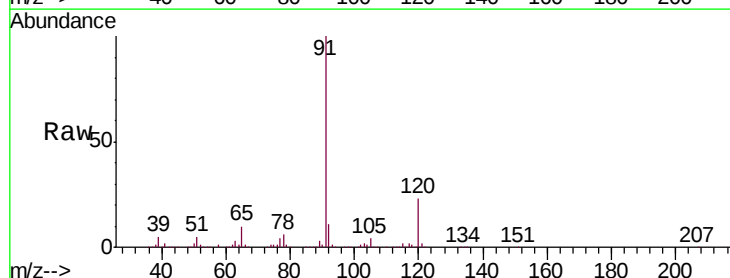
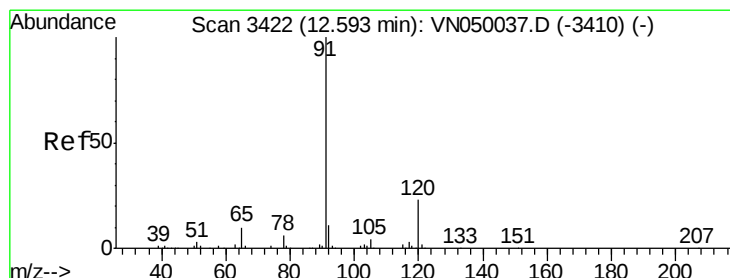
Acq: 27 Jul 2018 12:48

Tgt Ion: 91 Resp: 962661

Ion Ratio Lower Upper

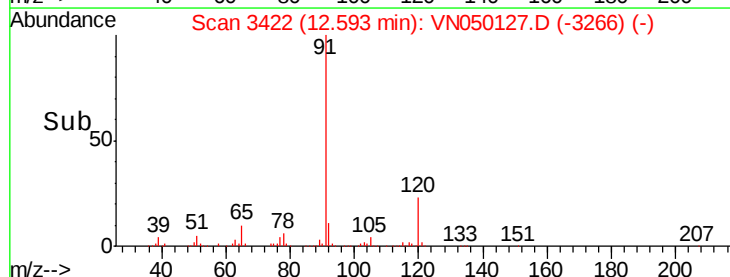
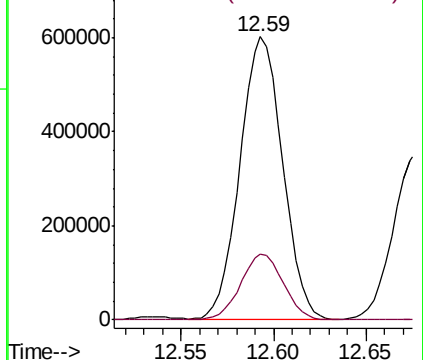
91 100

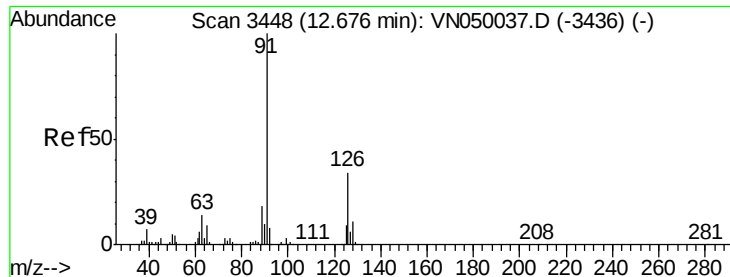
120 23.1 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.93 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

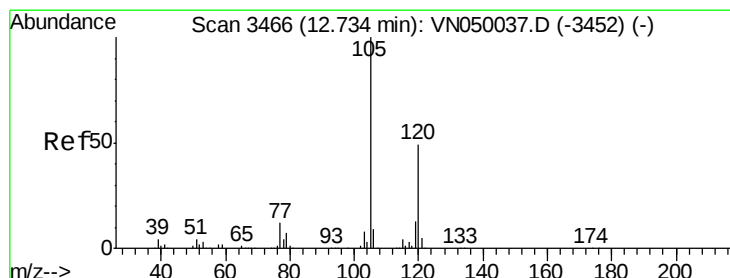
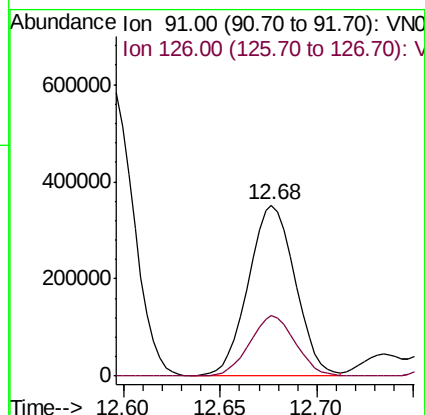
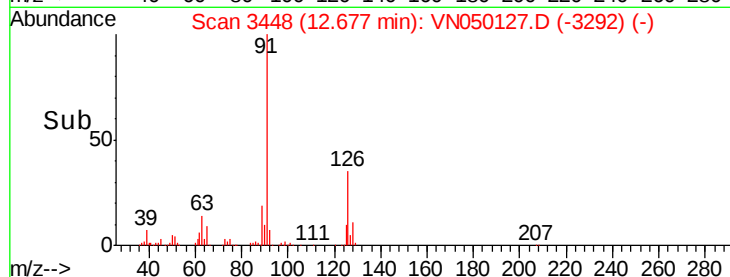
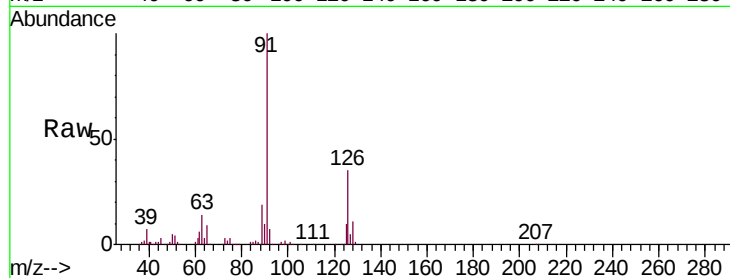
VN0727WBS01

Tot Ion: 91 Resp: 591260

Ion Ratio Lower Upper

91 100

126 34.6 0.0 68.6



#76

1,3,5-Trimethylbenzene

Concen: 19.02 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050127.D

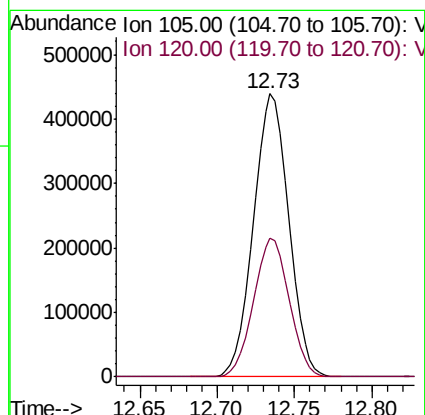
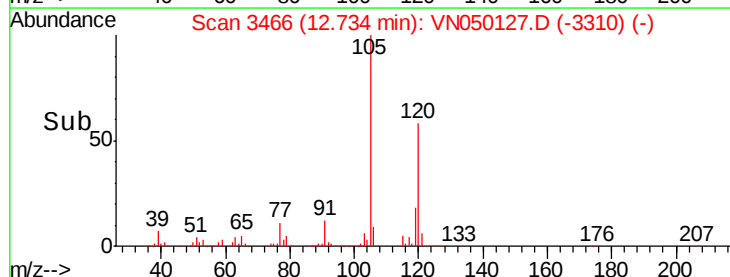
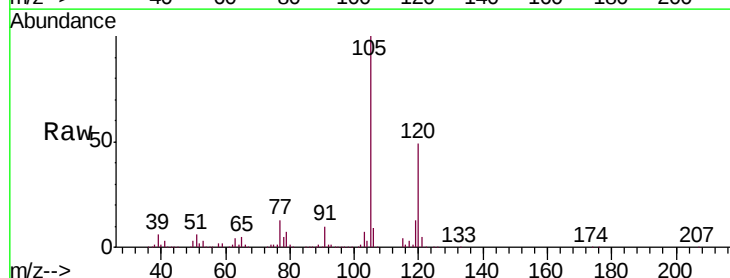
Acq: 27 Jul 2018 12:48

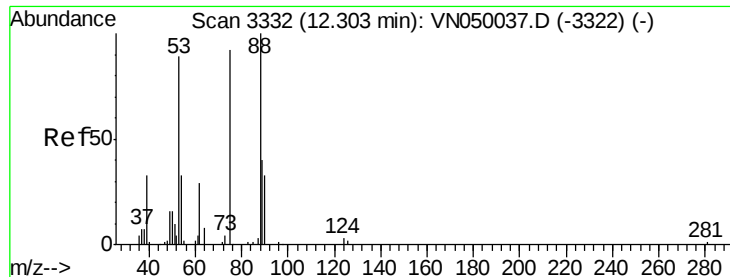
Tgt Ion:105 Resp: 697651

Ion Ratio Lower Upper

105 100

120 49.5 0.0 98.0

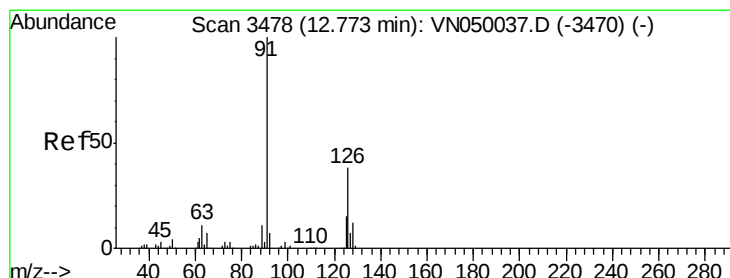
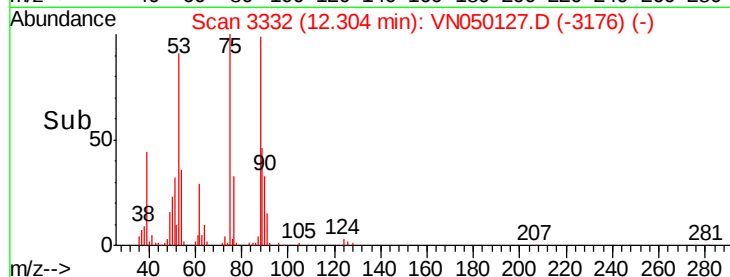
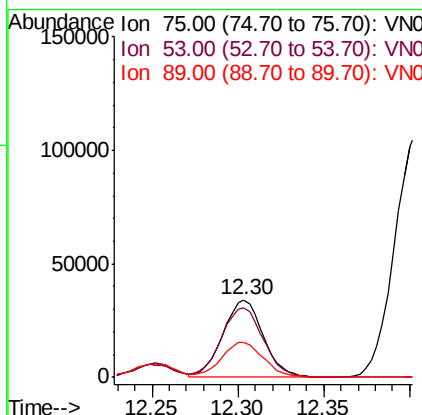
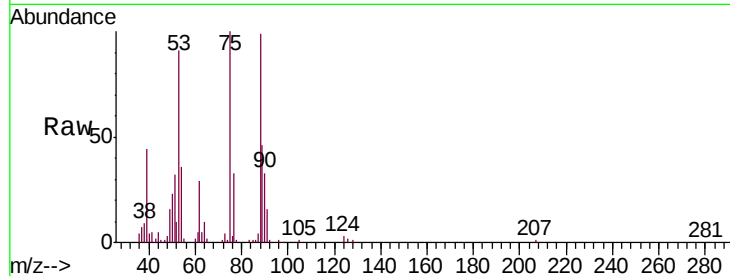




#77
t-1,4-Dichloro-2-butene
Concen: 16.36 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

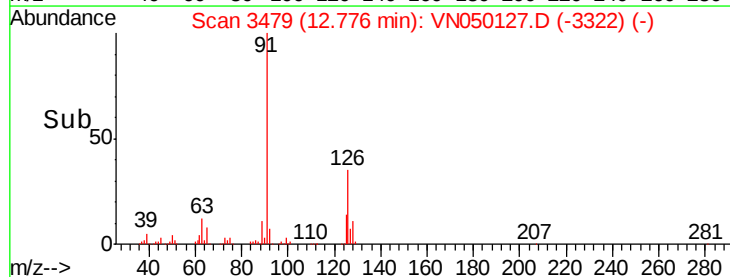
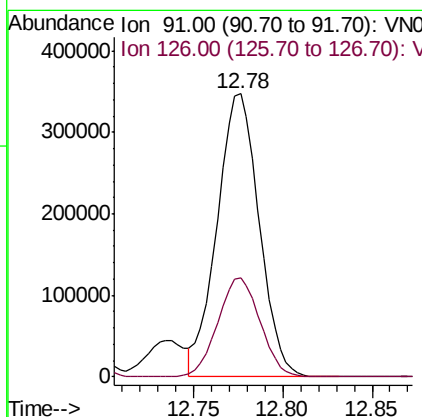
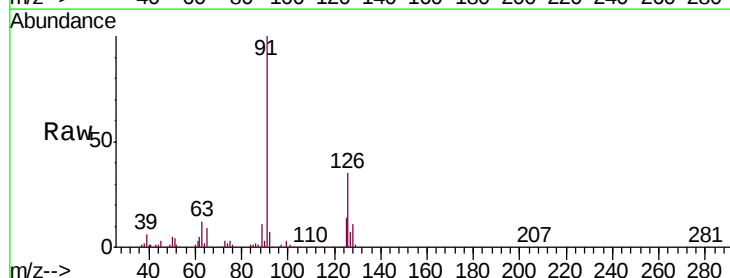
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

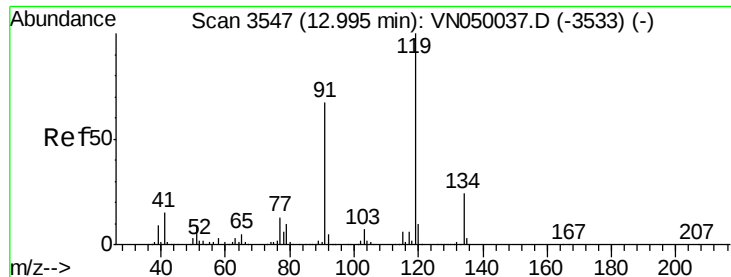
Tot Ion: 75 Resp: 55991
Ion Ratio Lower Upper
75 100
53 90.6 44.6 134.0
89 46.1 20.7 62.1



#78
4-Chlorotoluene
Concen: 18.29 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion: 91 Resp: 566111
Ion Ratio Lower Upper
91 100
126 35.2 0.0 68.4

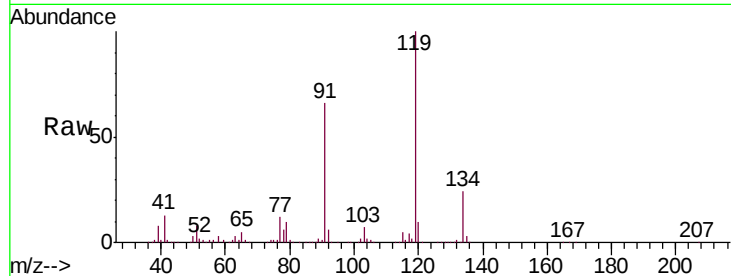




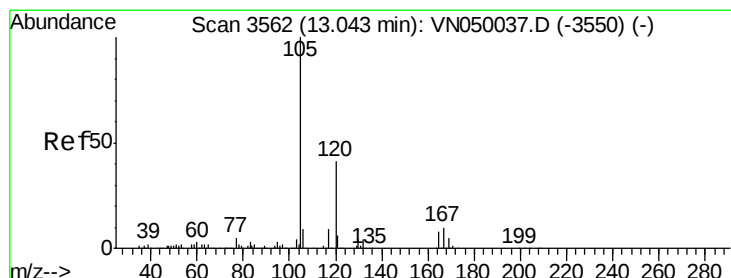
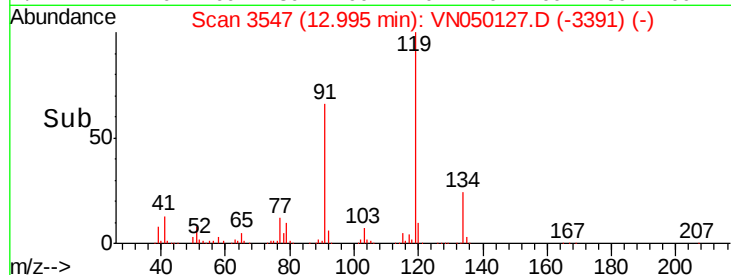
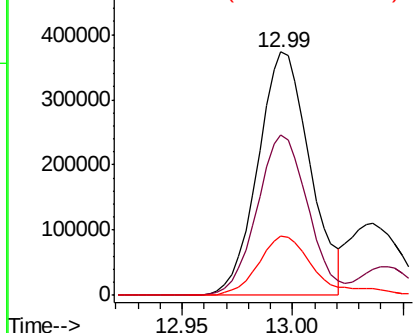
#79
tert-butylbenzene
Concen: 19.51 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Instrument :
MSVOA_N
ClientSampled :
VN0727WBS01

Tot Ion:119 Resp: 611605
Ion Ratio Lower Upper
119 100
91 64.4 0.0 126.8
134 26.6 0.0 47.4

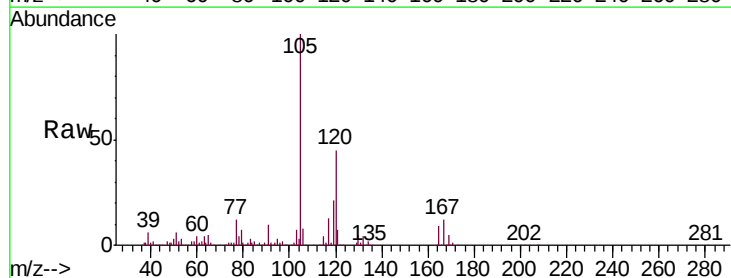


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

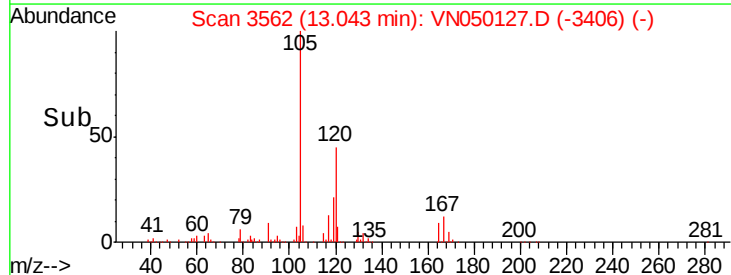
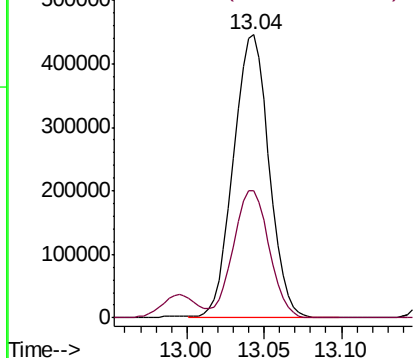


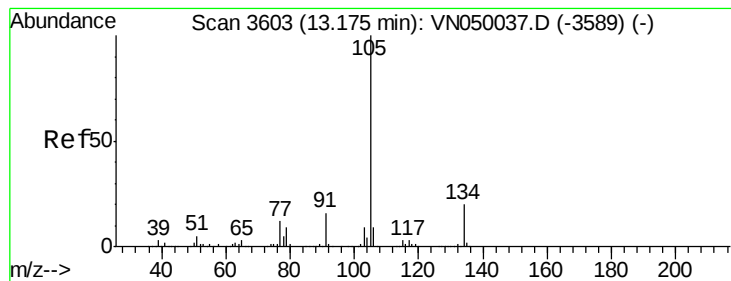
#80
1,2,4-Trimethylbenzene
Concen: 19.18 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion:105 Resp: 712670
Ion Ratio Lower Upper
105 100
120 45.3 0.0 90.6



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





#81

sec-Butylbenzene

Concen: 18.91 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

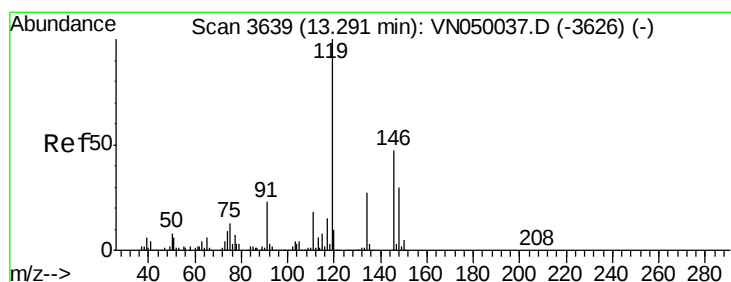
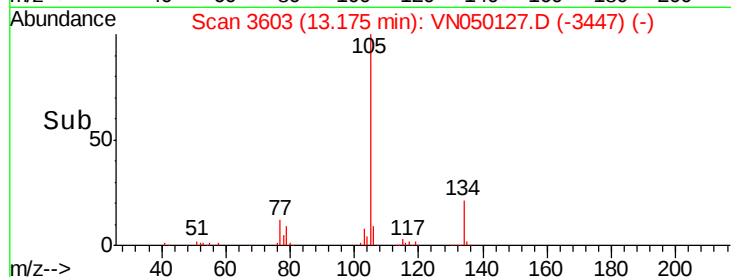
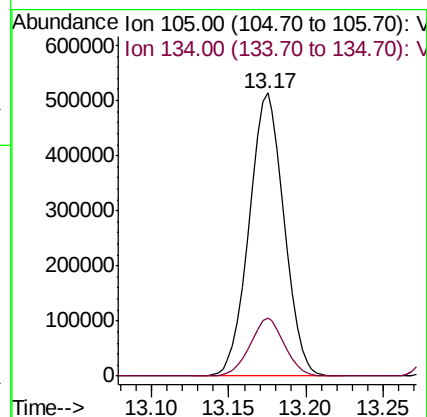
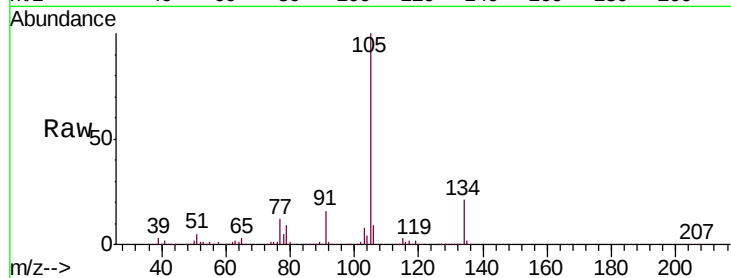
VN0727WBS01

Tot Ion:105 Resp: 805195

Ion Ratio Lower Upper

105 100

134 20.2 0.0 40.6



#82

p-Isopropyltoluene

Concen: 19.08 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

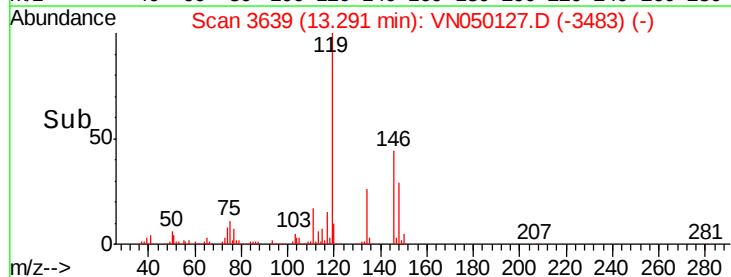
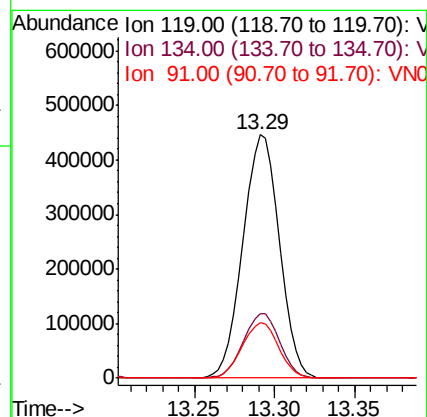
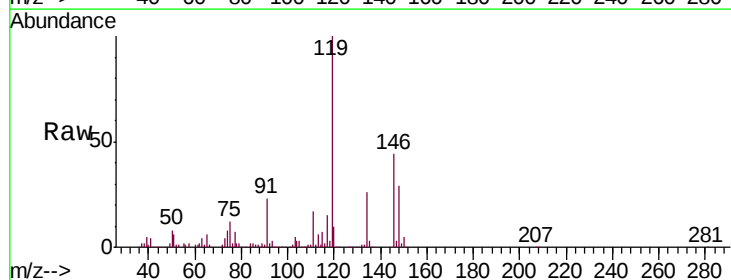
Tgt Ion:119 Resp: 693265

Ion Ratio Lower Upper

119 100

134 26.5 0.0 52.2

91 22.8 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 18.08 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

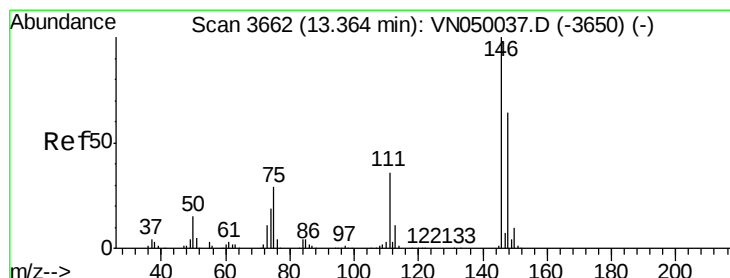
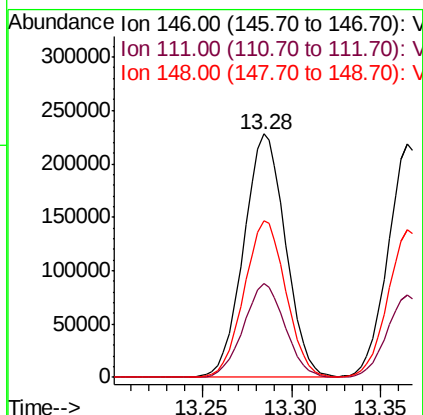
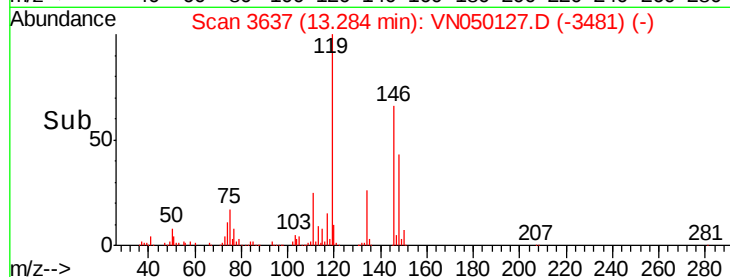
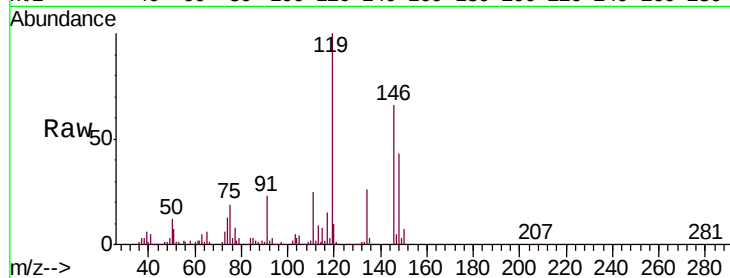
Tot Ion:146 Resp: 374499

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

148 64.1 31.9 95.9



#84

1,4-Dichlorobenzene

Concen: 18.07 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

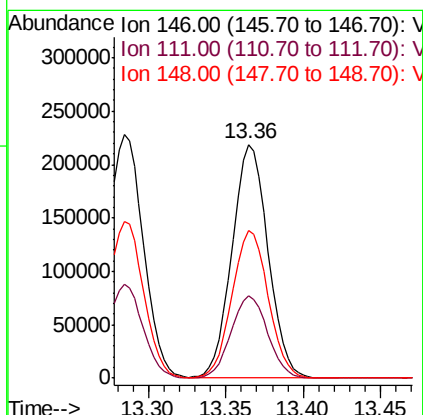
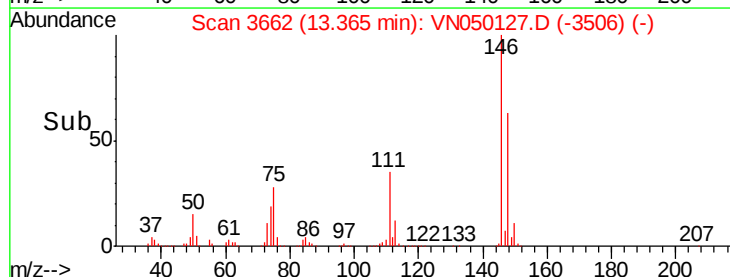
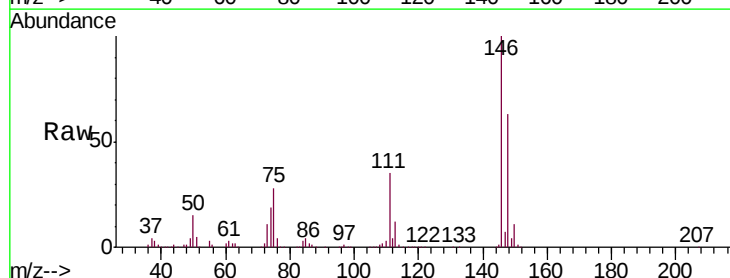
Tgt Ion:146 Resp: 353736

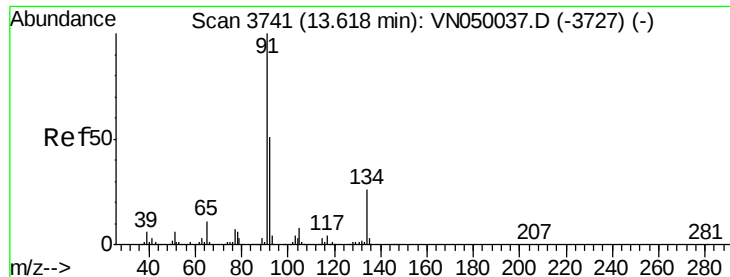
Ion Ratio Lower Upper

146 100

111 35.8 17.9 53.8

148 63.5 32.4 97.0

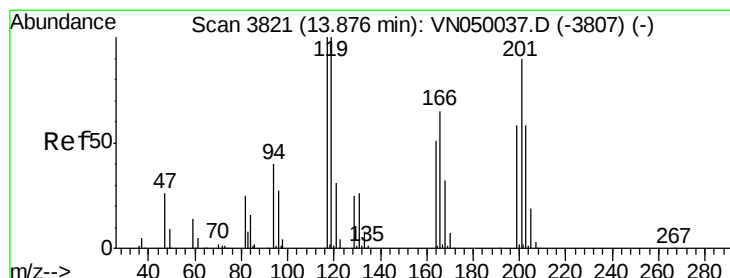
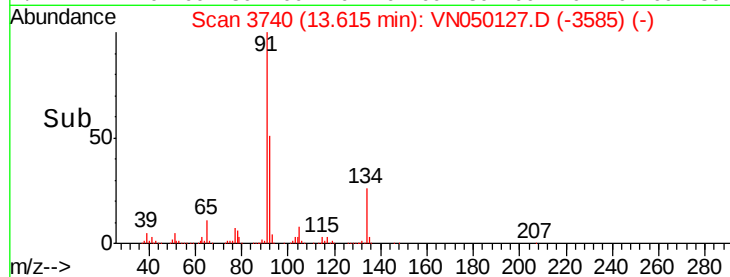
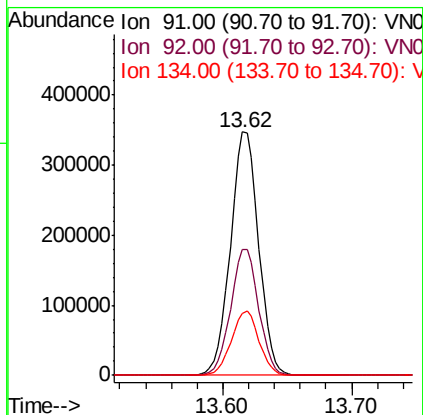
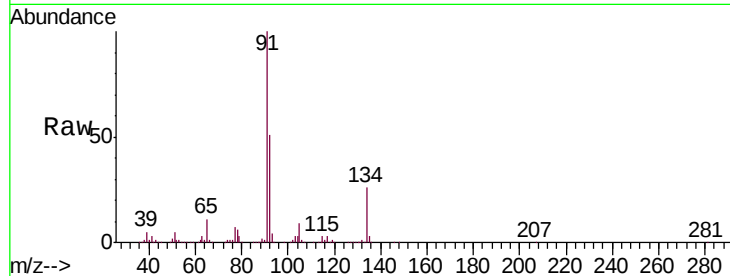




#85
n-Butylbenzene
Concen: 17.82 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

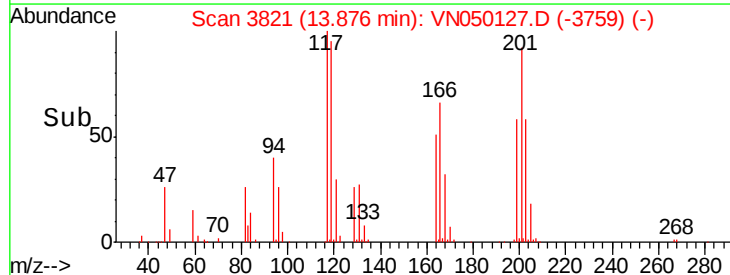
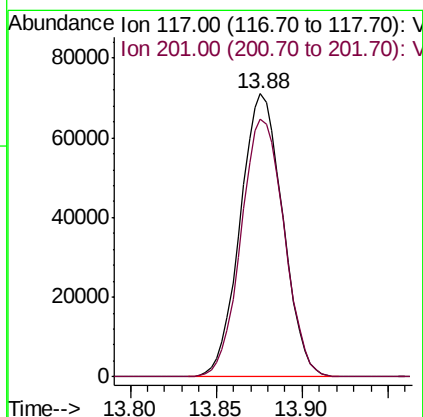
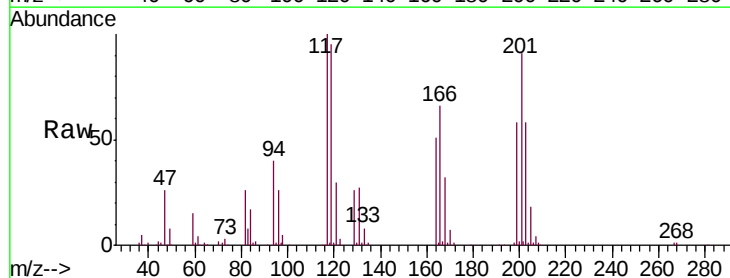
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

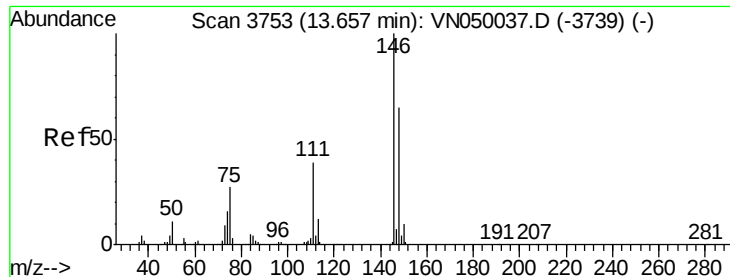
Tot Ion: 91 Resp: 525478
Ion Ratio Lower Upper
91 100
92 51.5 0.0 102.8
134 26.0 0.0 51.0



#86
Hexachloroethane
Concen: 16.81 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050127.D
Acq: 27 Jul 2018 12:48

Tgt Ion: 117 Resp: 122068
Ion Ratio Lower Upper
117 100
201 92.0 46.6 139.7





#87

1,2-Dichlorobenzene

Concen: 18.69 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

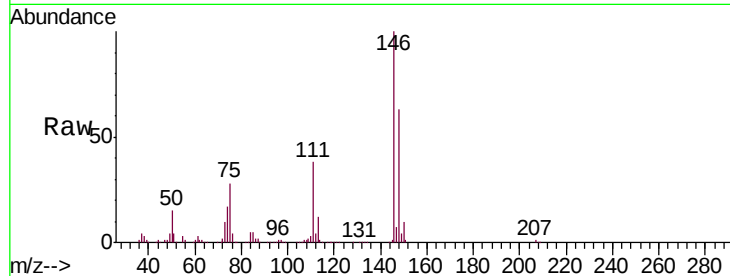
Tot Ion:146 Resp: 378371

Ion Ratio Lower Upper

146 100

111 38.6 19.8 59.3

148 63.9 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

13.65

200000

150000

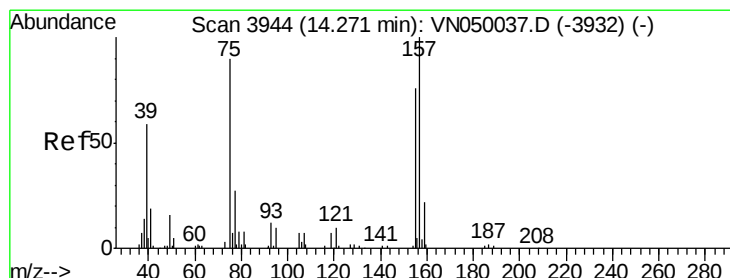
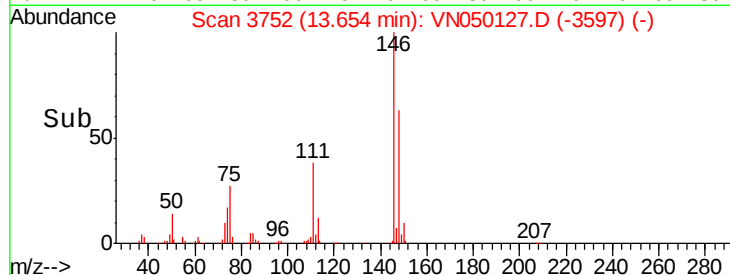
100000

50000

0

13.60 13.65 13.70

Time-->



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.03 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

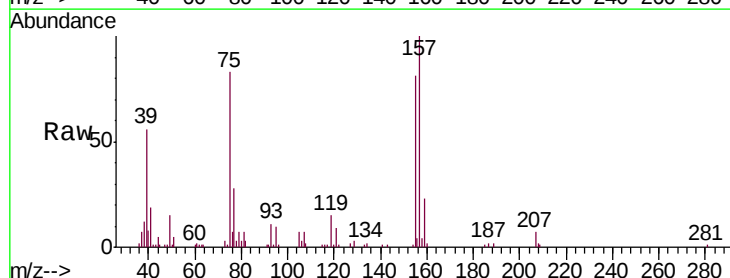
Tgt Ion: 75 Resp: 36345

Ion Ratio Lower Upper

75 100

155 93.7 73.0 109.6

157 116.9 94.9 142.3



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

14.27

30000

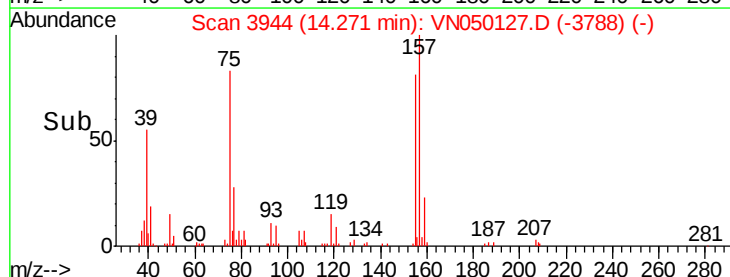
20000

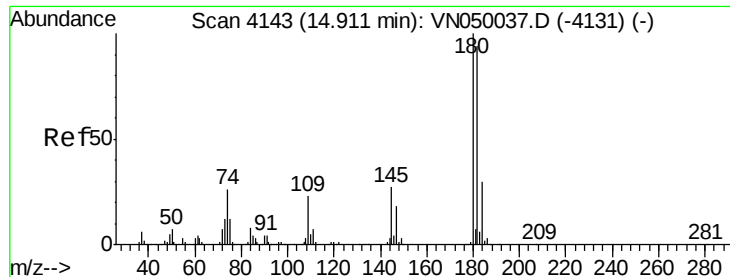
10000

0

14.20 14.25 14.30

Time-->

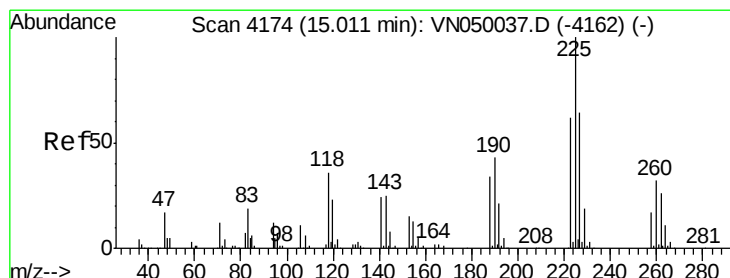
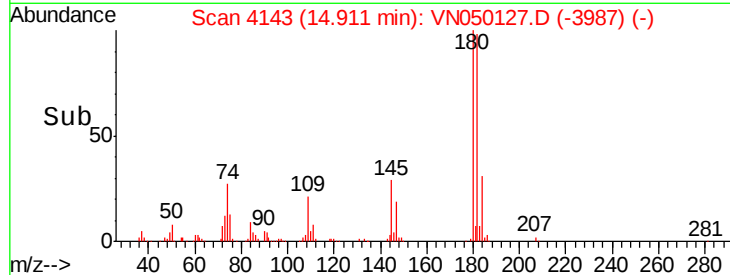
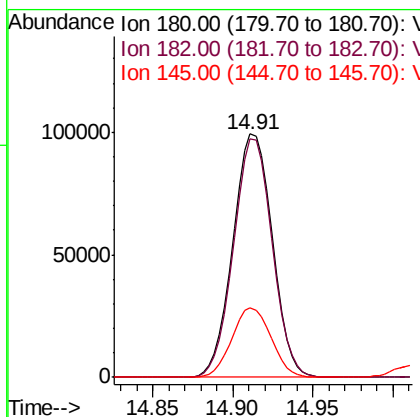
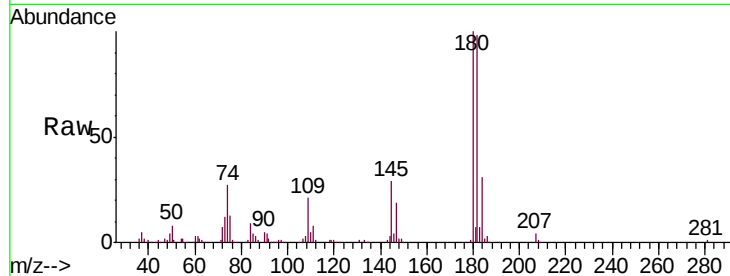




#89
 1,2,4-Trichlorobenzene
 Concen: 17.22 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

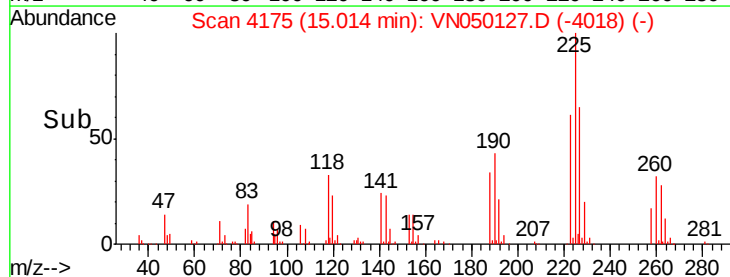
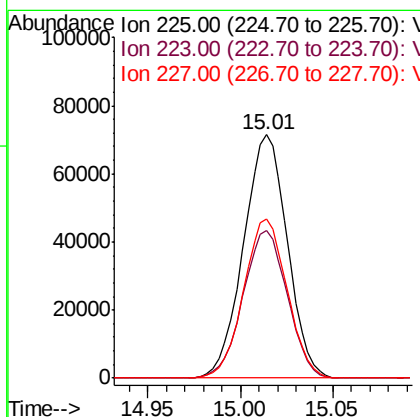
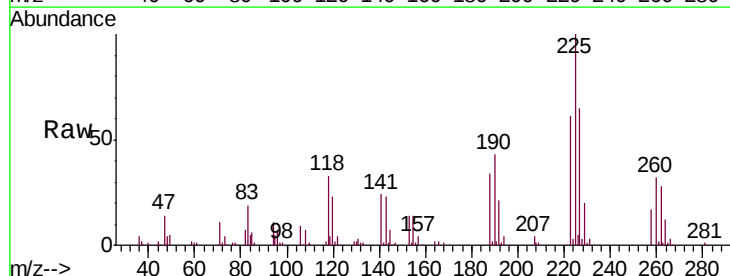
Instrument :
 MSVOA_N
 ClientSampled :
 VN0727WBS01

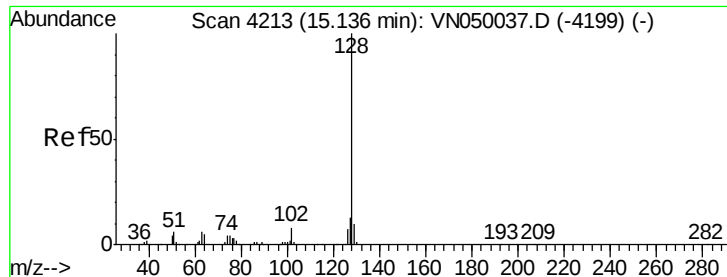
Tot Ion:180 Resp: 166533
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.7 115.1
 145 28.4 23.4 35.0



#90
 Hexachlorobutadiene
 Concen: 18.39 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050127.D
 Acq: 27 Jul 2018 12:48

Tgt Ion:225 Resp: 117227
 Ion Ratio Lower Upper
 225 100
 223 61.4 0.0 124.4
 227 64.7 0.0 133.0





#91

Naphthalene

Concen: 20.63 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

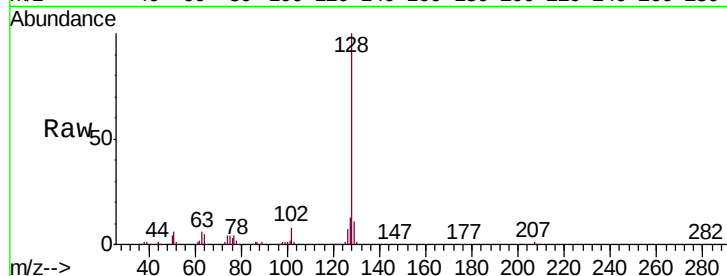
Tot Ion:128 Resp: 393750

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

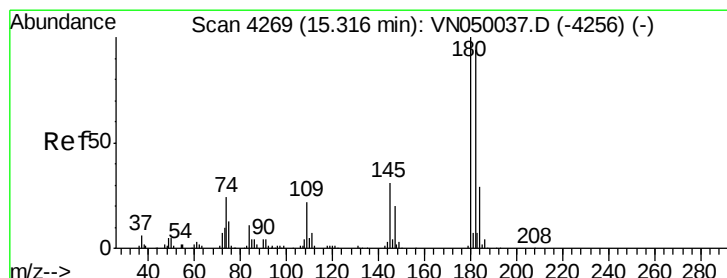
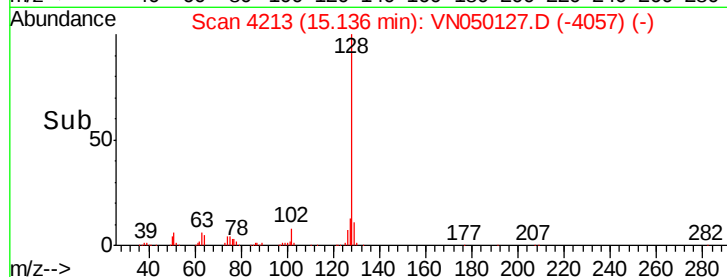
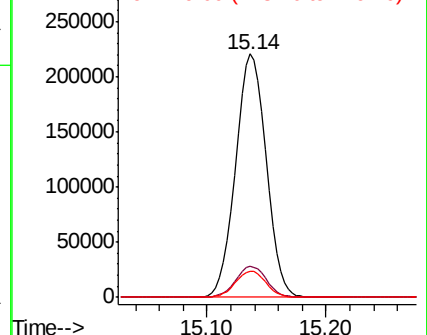
129 10.8 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.26 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050127.D

Acq: 27 Jul 2018 12:48

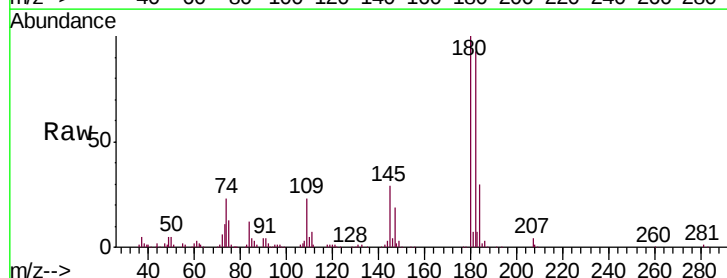
Tgt Ion:180 Resp: 179512

Ion Ratio Lower Upper

180 100

182 93.7 0.0 188.8

145 30.0 0.0 60.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

