

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050128.D
 Acq On : 27 Jul 2018 13:15
 Operator : MD\SY
 Sample : VN0727WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Quant Time: Jul 27 23:12:09 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	140911	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	757879	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	658670	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	287906	30.06	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.20%
60) 4-Bromofluorobenzene	12.40	95	297647	29.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.03%
63) Toluene-d8	10.09	98	917057	29.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.17%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	185704	19.12	ug/l	99
3) Chloromethane	2.06	50	166236	16.60	ug/l	99
4) Vinyl Chloride	2.18	62	187036	17.55	ug/l	97
5) Bromomethane	2.56	94	71541	11.01	ug/l	98
6) Chloroethane	2.70	64	112905	17.91	ug/l	100
7) Trichlorofluoromethane	3.01	101	256877	18.44	ug/l	99
8) Diethyl Ether	3.41	74	90901	19.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	156883	18.52	ug/l	99
10) 1,1-Dichloroethene	3.73	96	138907	18.49	ug/l	93
11) Methyl Iodide	3.95	142	67338	6.09	ug/l	99
12) Methyl Acetate	4.33	43	181090	21.04	ug/l	95
13) Acrolein	3.61	56	27861	52.38	ug/l	95
14) Acrylonitrile	5.00	53	274549	95.60	ug/l	98
15) Acetone	3.82	58	73586	96.42	ug/l	100
16) Carbon Disulfide	4.05	76	390105	16.97	ug/l	99
17) Allyl chloride	4.32	41	217539	18.33	ug/l	97
18) Methylene Chloride	4.55	84	158574	18.29	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	149697	18.61	ug/l	96
20) Diisopropyl ether	5.96	45	464157	19.08	ug/l	98
21) 1,1-Dichloroethane	5.85	63	280937	18.37	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	168616	18.90	ug/l	100
23) tert-Butyl Alcohol	4.80	59	70084	109.22	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	416002	20.30	ug/l	98
25) Chloroform	7.37	83	287176	18.54	ug/l	98
26) Cyclohexane	7.65	56	223163	18.36	ug/l #	100
29) 1,1-Dichloropropene	7.80	75	208307	17.71	ug/l	99
30) 2-Butanone	6.84	43	337387	91.41	ug/l	97
31) 2,2-Dichloropropane	6.83	77	231397	17.80	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	247592	17.88	ug/l	99
33) Carbon Tetrachloride	7.78	117	216225	17.52	ug/l	99
34) Benzene	8.04	78	634929	17.78	ug/l	99
35) Methacrylonitrile	7.18	41	73135	17.40	ug/l	97
36) 1,2-Dichloroethane	8.13	62	213988	18.25	ug/l	99
37) Trichloroethene	8.84	130	168032	17.94	ug/l	97
38) Methylcyclohexane	9.09	83	221478	17.86	ug/l	97
39) 1,2-Dichloropropane	9.12	63	165625	17.60	ug/l	99
40) Dibromomethane	9.21	93	105908	18.21	ug/l	100

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 Data File : VN050128.D
 Acq On : 27 Jul 2018 13:15
 Operator : MD\SY
 Sample : VN0727WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Quant Time: Jul 27 23:12:09 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)
41) Bromodichloromethane	9.41	83	220040	17.94	ug/l	97
42) Vinyl Acetate	5.90	43	1589913	91.54	ug/l	99
43) Ethyl Acetate	6.93	43	146638	19.03	ug/l #	90
44) Isopropyl Acetate	8.17	43	291111	20.39	ug/l	96
45) 1,4-Dioxane	9.20	88	37836	402.73	ug/l	99
46) Methyl methacrylate	9.20	41	131932	19.06	ug/l	97
47) n-amyl Acetate	12.07	43	199289	17.94	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	217273	18.58	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	248029	18.05	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	153625	18.40	ug/l	98
51) Ethyl methacrylate	10.43	69	187943	18.55	ug/l	99
52) 1,3-Dichloropropane	10.71	76	252136	18.39	ug/l	98
53) Dibromochloromethane	10.90	129	167357	17.67	ug/l	99
54) 1,2-Dibromoethane	11.01	107	150354	18.39	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	428679	93.48	ug/l	99
56) Bromoform	12.13	173	116799	17.46	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	744443	97.13	ug/l	98
59) 2-Hexanone	10.75	43	495389	94.74	ug/l	99
61) Tetrachloroethene	10.63	164	157546	17.66	ug/l	98
62) Toluene	10.16	91	680333	18.10	ug/l	100
64) Chlorobenzene	11.44	112	419034	18.39	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	159886	17.99	ug/l	99
66) Ethyl Benzene	11.51	91	706251	18.39	ug/l	99
67) m/p-Xylenes	11.62	106	550575	37.25	ug/l	98
68) o-Xylene	11.95	106	268424	19.09	ug/l	99
69) Styrene	11.97	104	411423	18.25	ug/l	100
70) Isopropylbenzene	12.25	105	704343	18.81	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	197175	19.18	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	230525	26.25	ug/l	48
73) Bromobenzene	12.53	156	181534	18.20	ug/l	100
74) n-propylbenzene	12.59	91	789978	18.11	ug/l	100
75) 2-Chlorotoluene	12.68	91	482945	18.43	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	580373	18.87	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	47928	16.69	ug/l	94
78) 4-Chlorotoluene	12.78	91	471217	18.15	ug/l	100
79) tert-butylbenzene	12.99	119	502896	19.12	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	587329	18.85	ug/l	100
81) sec-Butylbenzene	13.17	105	657494	18.40	ug/l	100
82) p-Isopropyltoluene	13.29	119	572754	18.79	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	310967	17.90	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	293765	17.90	ug/l	99
85) n-Butylbenzene	13.62	91	429656	17.37	ug/l	99
86) Hexachloroethane	13.88	117	102472	16.82	ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	308252	18.15	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	30591	19.10	ug/l	100
89) 1,2,4-Trichlorobenzene	14.91	180	140190	17.29	ug/l	98
90) Hexachlorobutadiene	15.01	225	98332	18.39	ug/l	97
91) Naphthalene	15.14	128	339452	20.99	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	151707	18.39	ug/l	99

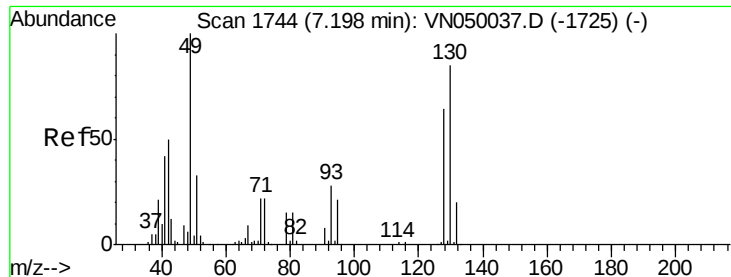
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050128.D
Acq On : 27 Jul 2018 13:15
Operator : MD\SY
Sample : VN0727WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Quant Time: Jul 27 23:12:09 2018
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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# 1744

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

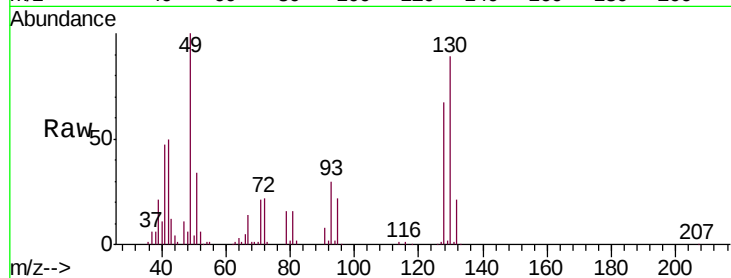
Tot Ion:128 Resp: 140911

Ion Ratio Lower Upper

128 100

49 148.2 0.0 378.3

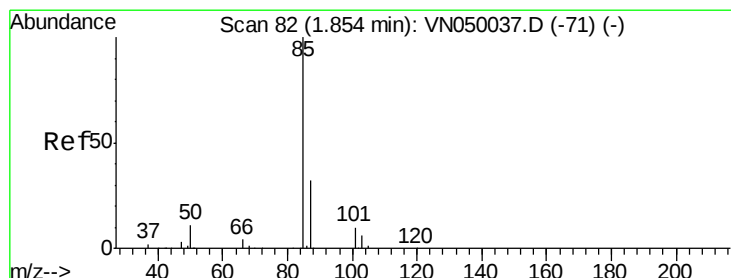
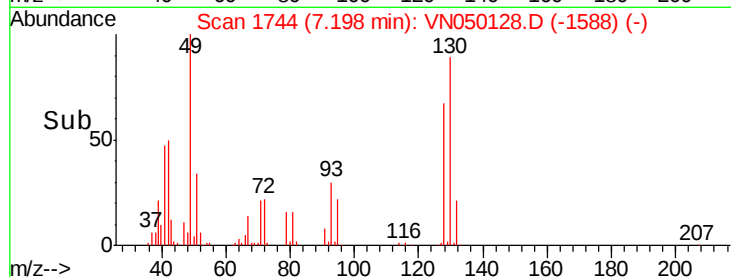
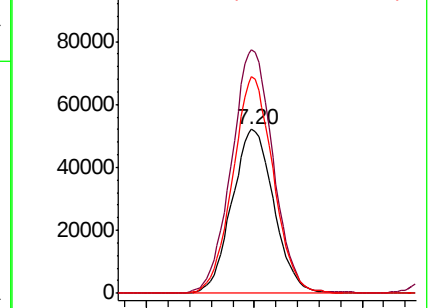
130 127.9 0.0 320.7



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: 19.12 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050128.D

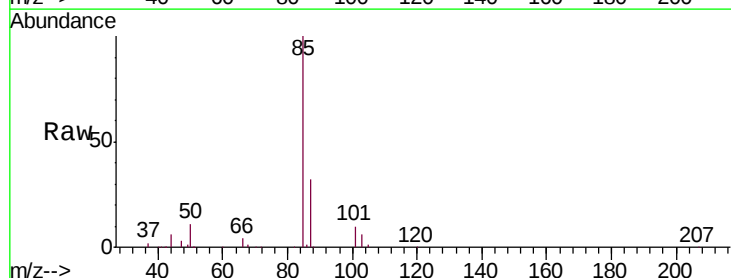
Acq: 27 Jul 2018 13:15

Tgt Ion: 85 Resp: 185704

Ion Ratio Lower Upper

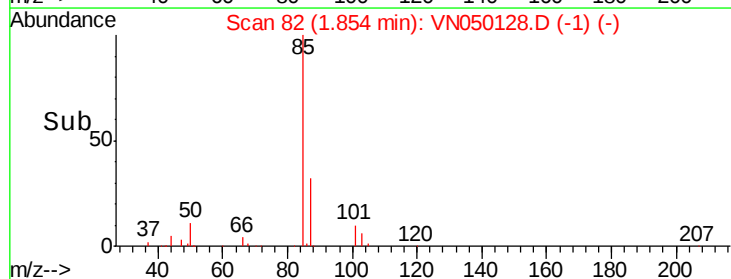
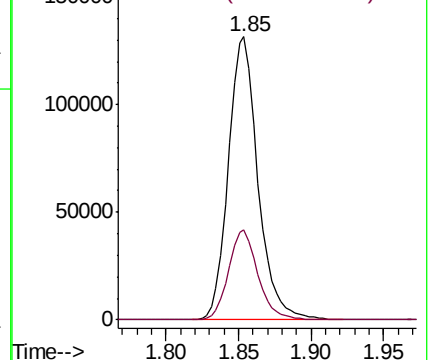
85 100

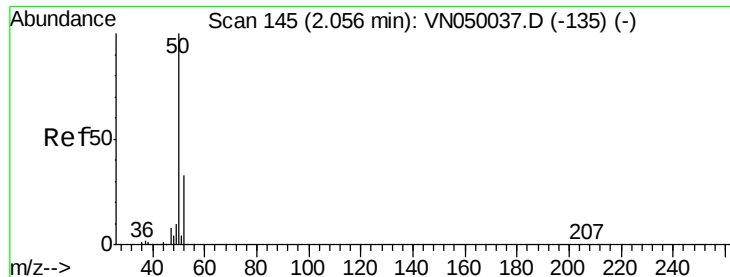
87 31.7 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 16.60 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

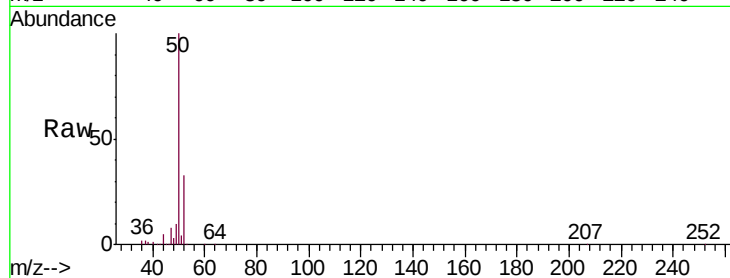
VN0727WBSD01

Tot Ion: 50 Resp: 166236

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

150000

100000

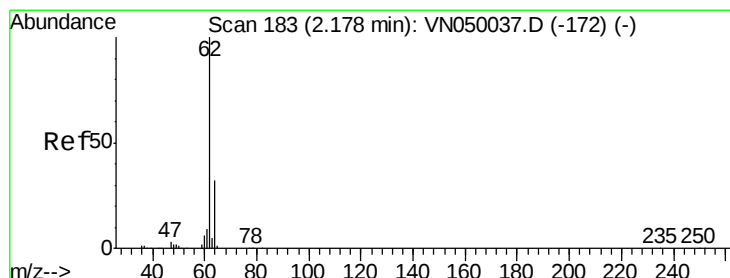
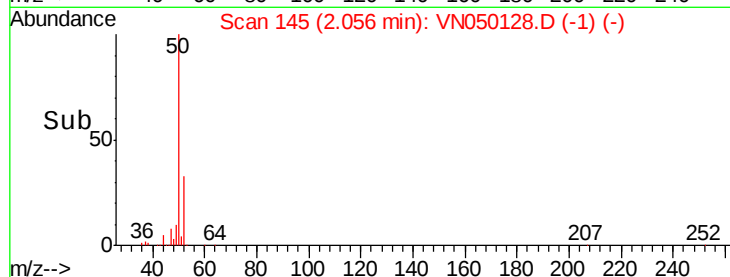
50000

0

2.06

2.00 2.05 2.10 2.15

Time-->



#4

Vinyl Chloride

Concen: 17.55 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050128.D

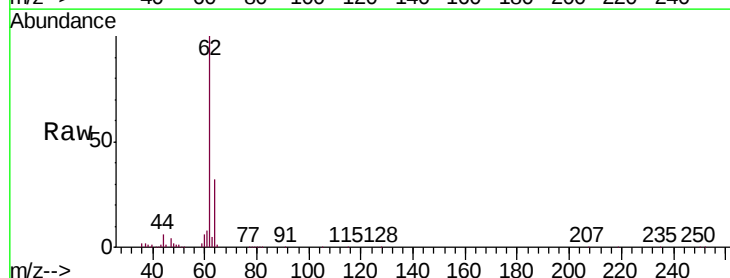
Acq: 27 Jul 2018 13:15

Tgt Ion: 62 Resp: 187036

Ion Ratio Lower Upper

62 100

64 32.2 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

150000

100000

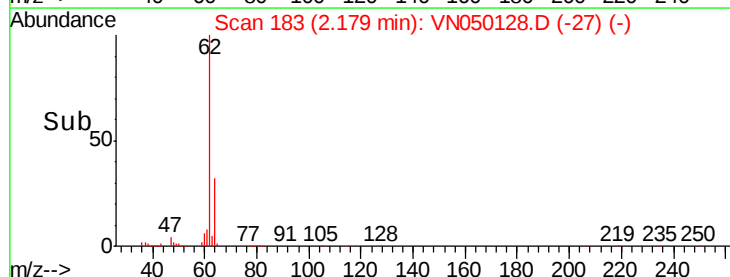
50000

0

2.18

2.10 2.15 2.20 2.25

Time-->

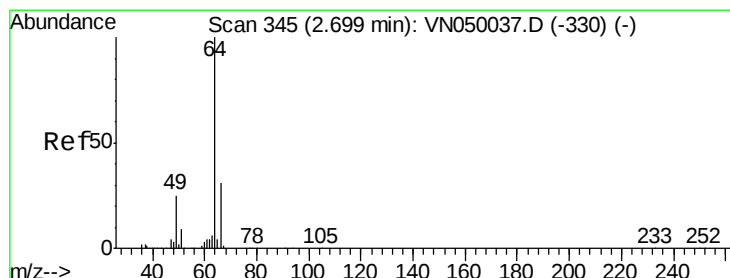
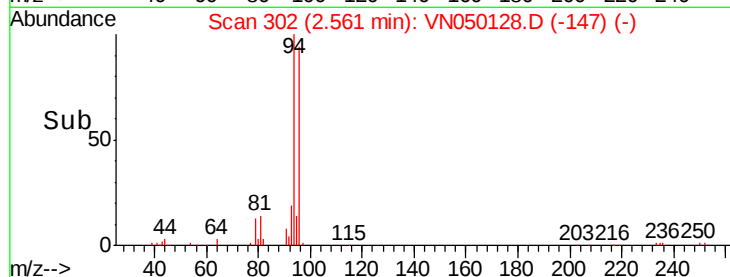
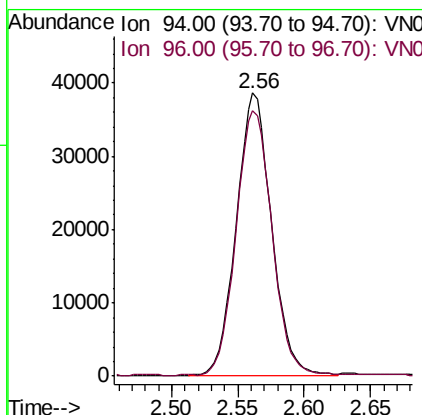
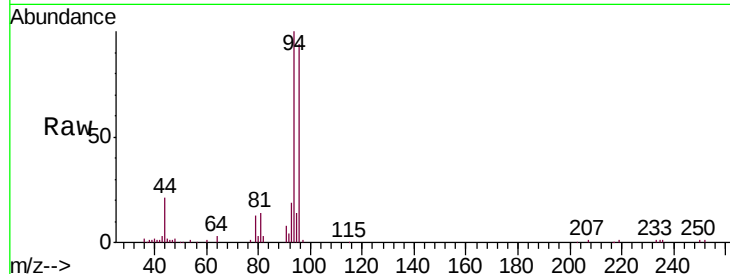




#5
Bromomethane
Concen: 11.01 ug/l
RT: 2.56 min Scan# 302
Delta R.T. -0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

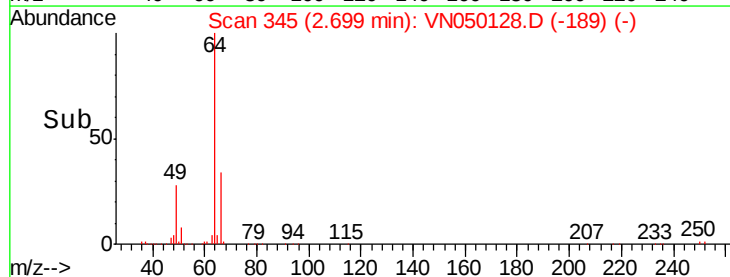
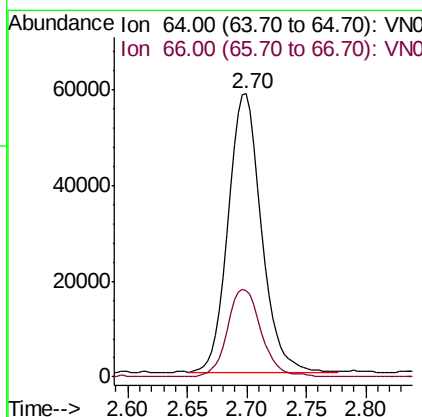
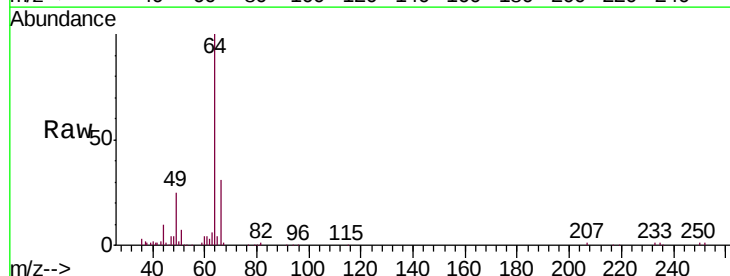
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

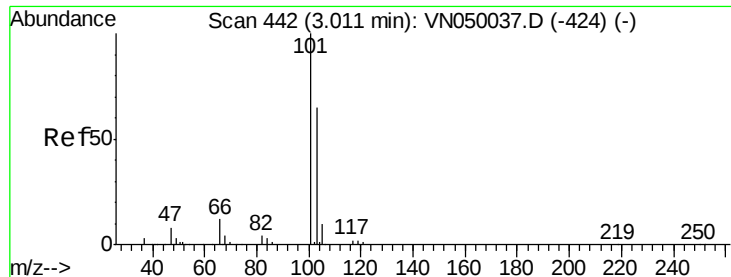
Tot Ion: 94 Resp: 71541
Ion Ratio Lower Upper
94 100
96 93.1 75.9 113.9



#6
Chloroethane
Concen: 17.91 ug/l
RT: 2.70 min Scan# 345
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 64 Resp: 112905
Ion Ratio Lower Upper
64 100
66 31.1 25.0 37.4



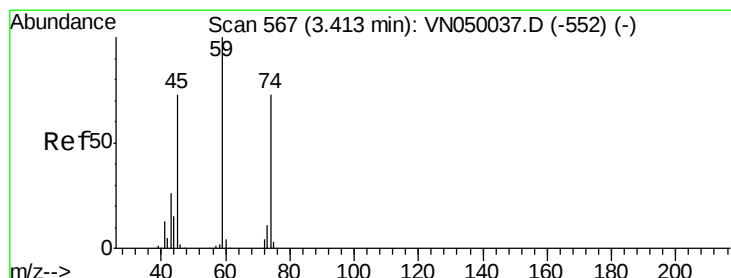
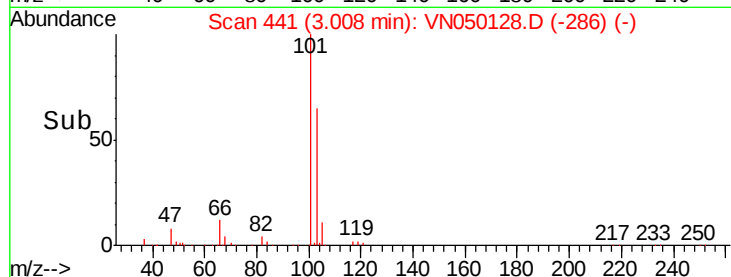
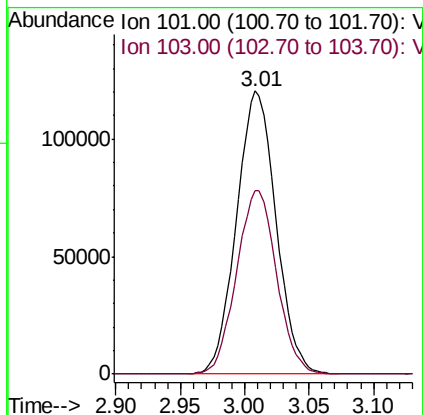
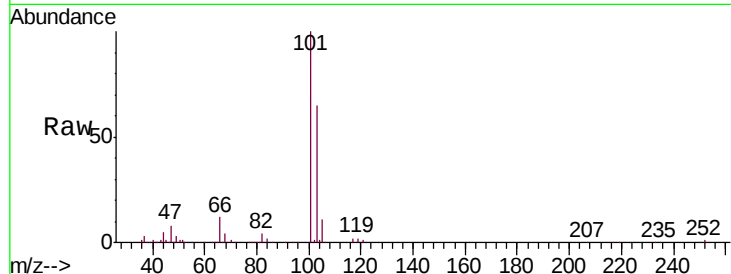


#7

Trichlorofluoromethane
 Concen: 18.44 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

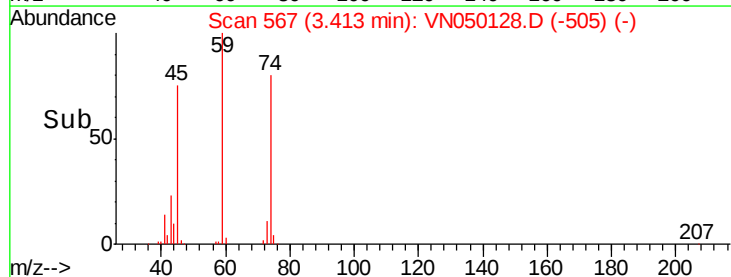
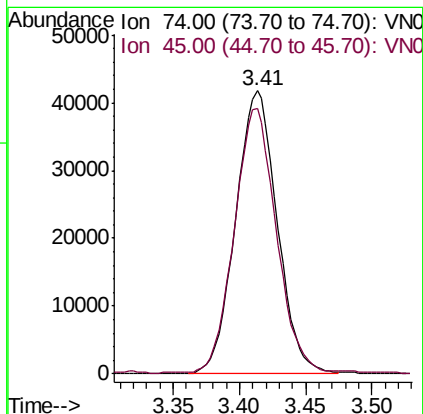
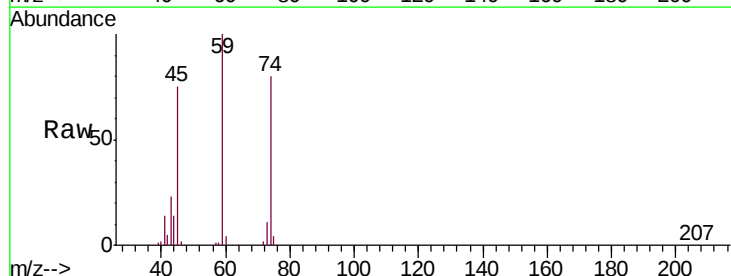
Tot Ion:101 Resp: 256877
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3

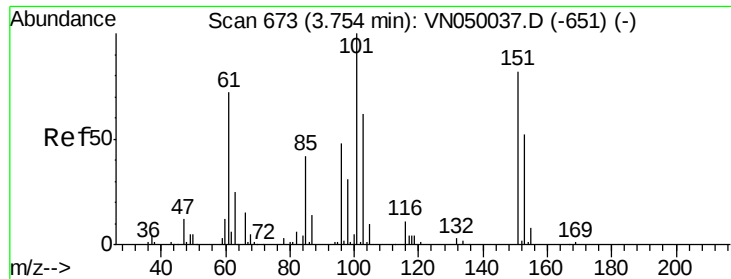


#8

Diethyl Ether
 Concen: 19.46 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion: 74 Resp: 90901
 Ion Ratio Lower Upper
 74 100
 45 94.0 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.52 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

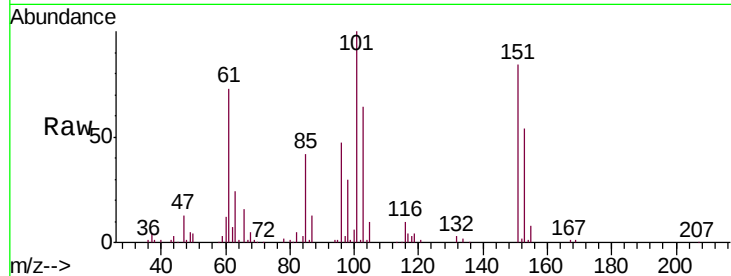
Tot Ion:101 Resp: 156883

Ion Ratio Lower Upper

101 100

85 42.9 0.0 83.0

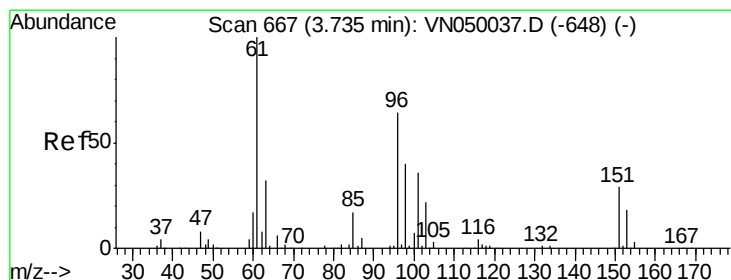
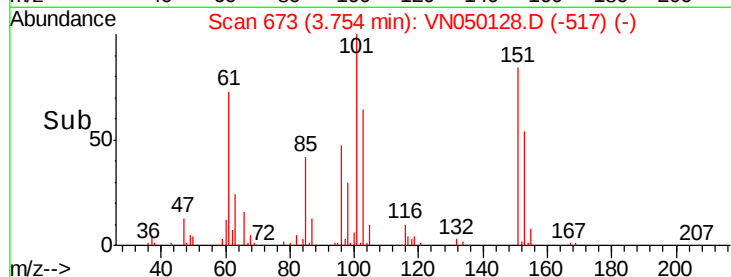
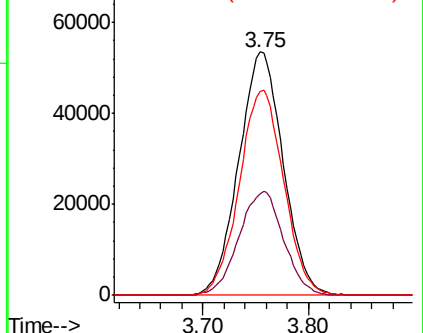
151 84.4 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.49 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

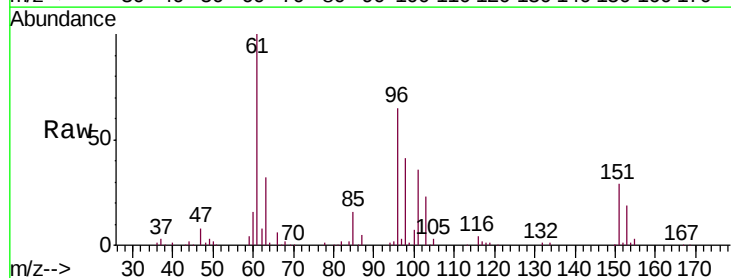
Tgt Ion: 96 Resp: 138907

Ion Ratio Lower Upper

96 100

61 153.1 130.6 195.8

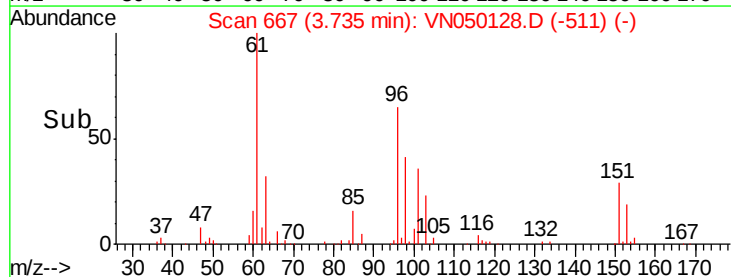
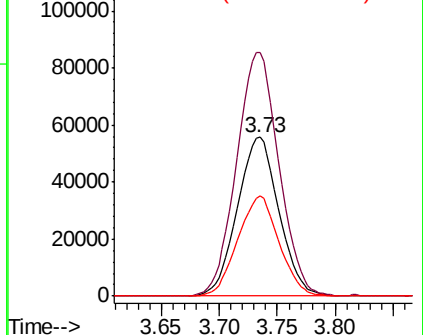
98 63.2 53.5 80.3



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

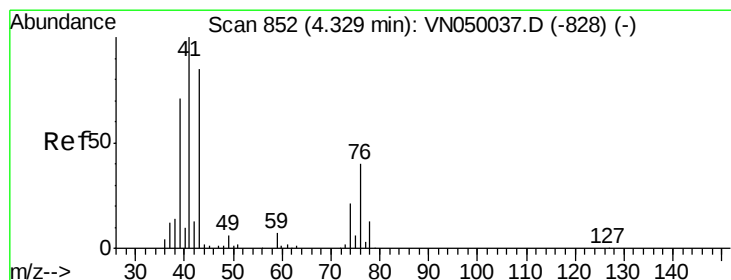
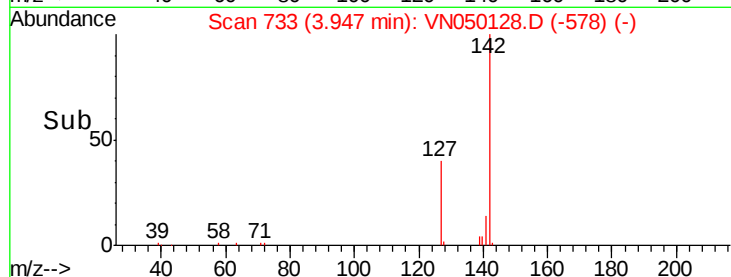
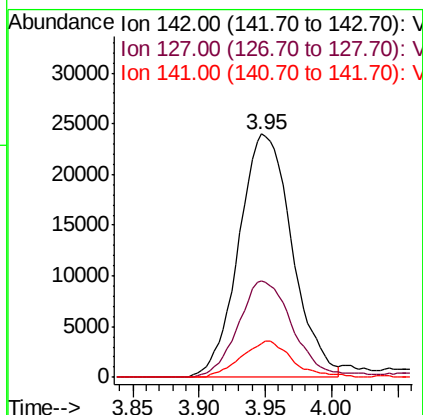
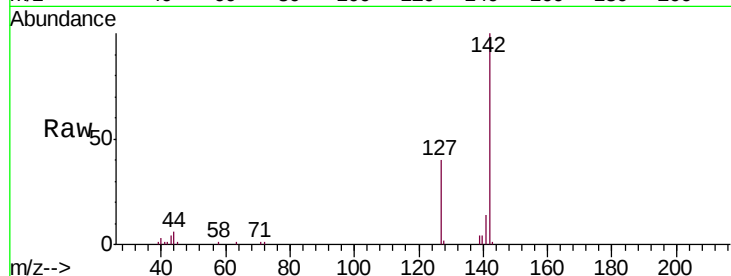




#11
Methvl Iodide
Concen: 6.09 ug/l
RT: 3.95 min Scan# 733
Delta R.T. -0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

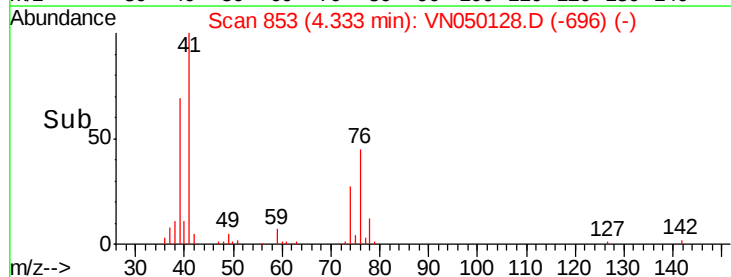
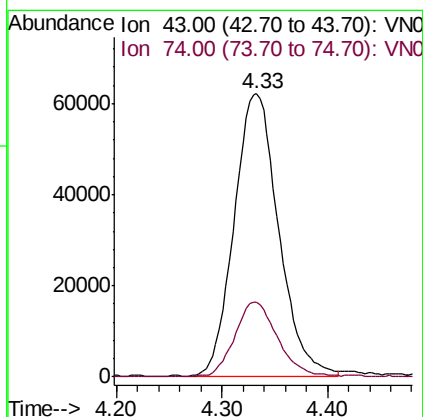
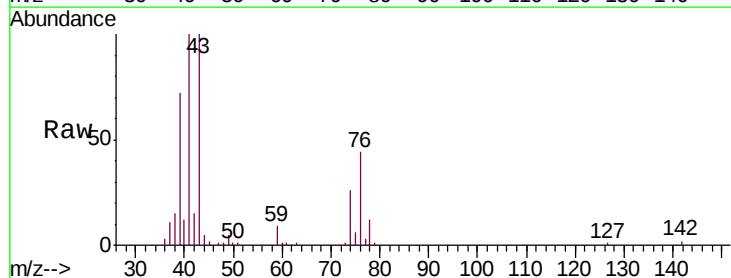
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

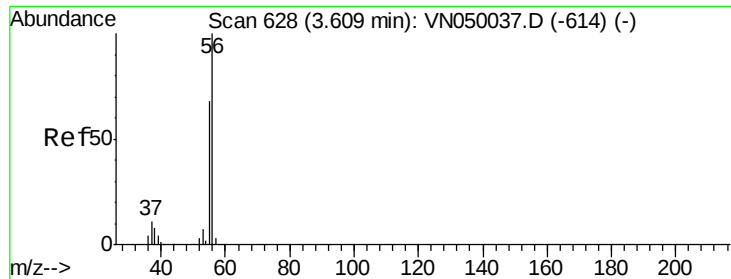
Tot Ion:142 Resp: 67338
Ion Ratio Lower Upper
142 100
127 39.5 20.2 60.5
141 13.9 6.9 20.6



#12
Methyl Acetate
Concen: 21.04 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 43 Resp: 181090
Ion Ratio Lower Upper
43 100
74 26.6 19.3 28.9





#13

Acrolein

Concen: 52.38 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

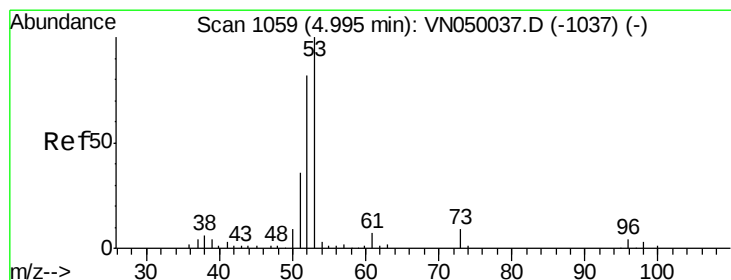
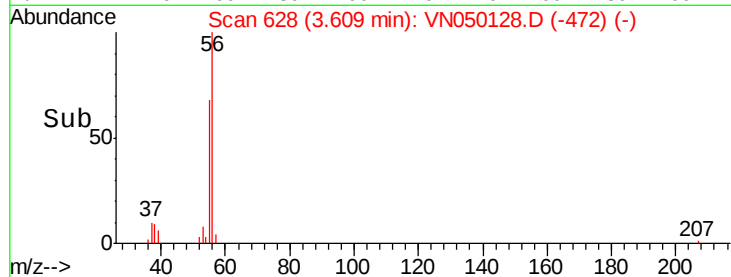
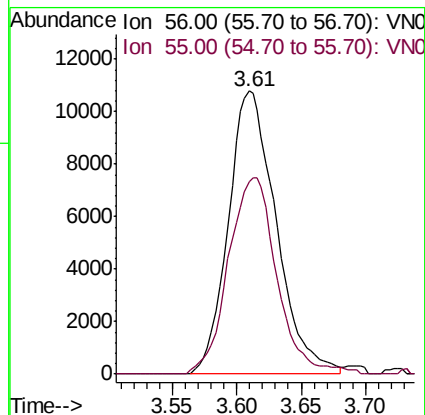
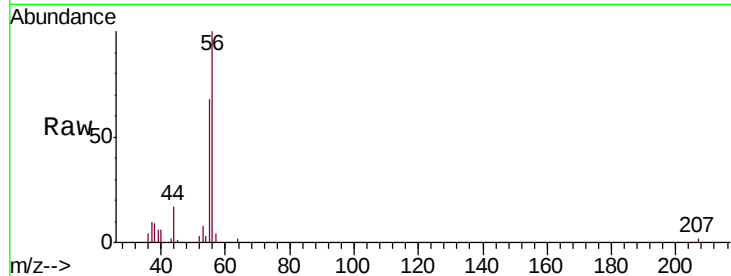
VN0727WBSD01

Tot Ion: 56 Resp: 27861

Ion Ratio Lower Upper

56 100

55 69.3 58.6 88.0



#14

Acrylonitrile

Concen: 95.60 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

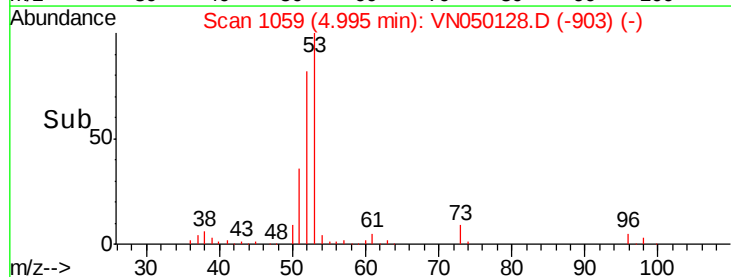
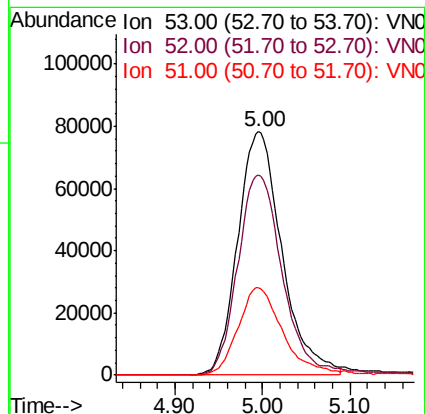
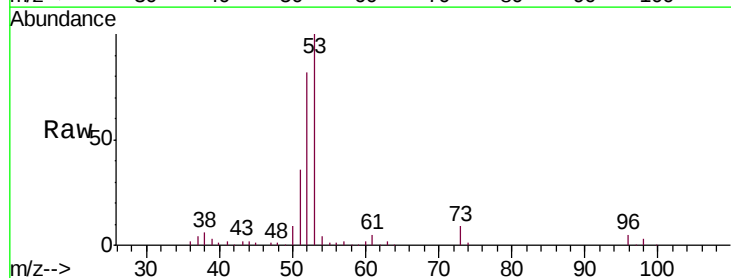
Tgt Ion: 53 Resp: 274549

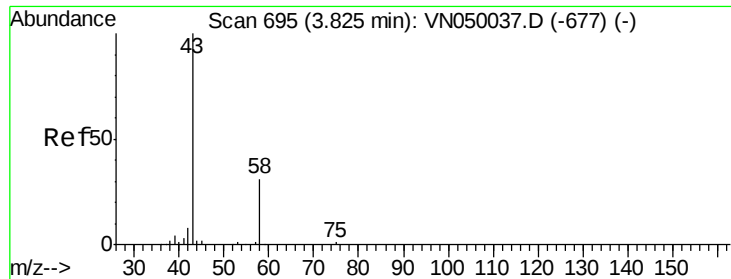
Ion Ratio Lower Upper

53 100

52 81.2 41.5 124.5

51 36.2 18.7 56.1

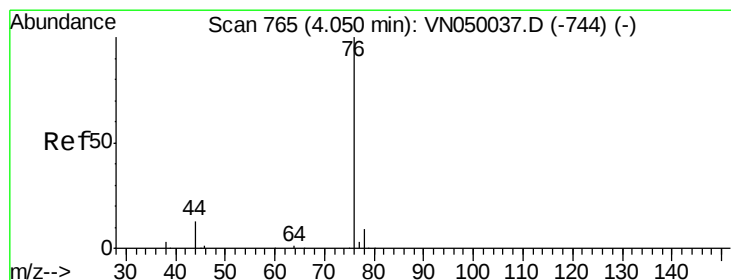
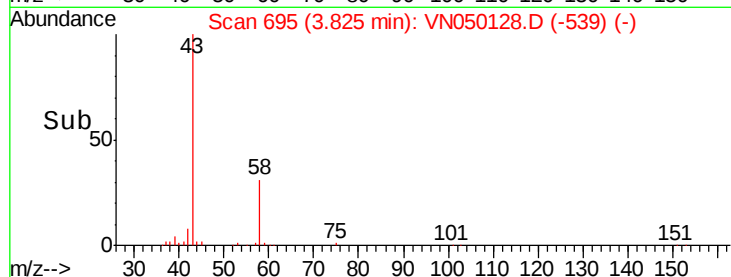
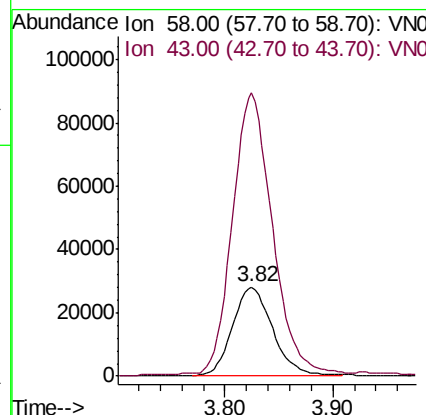
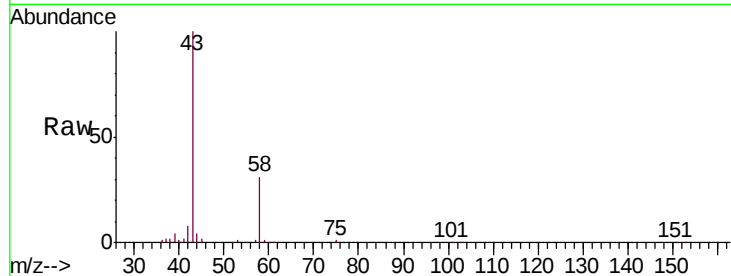




#15
Acetone
Concen: 96.42 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

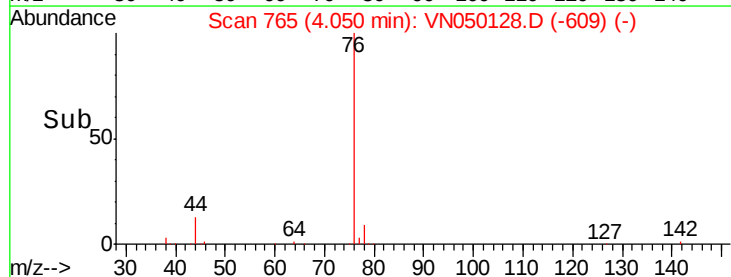
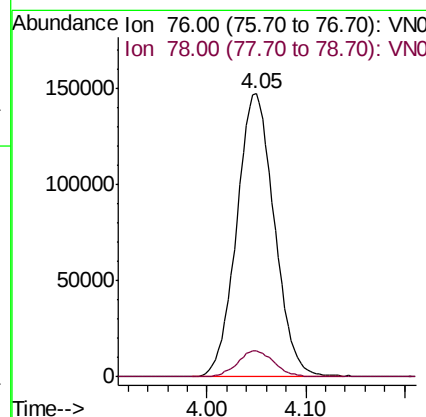
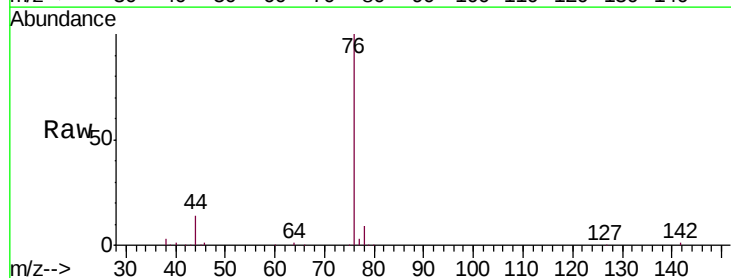
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

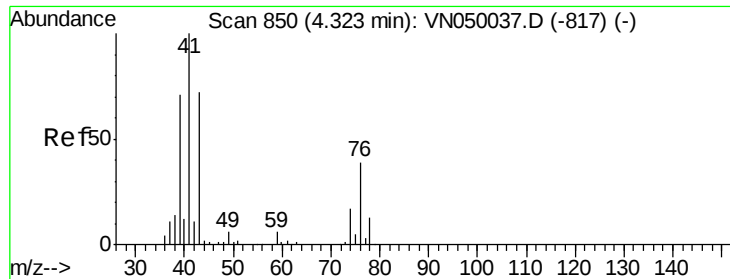
Tot Ion: 58 Resp: 73586
Ion Ratio Lower Upper
58 100
43 315.4 252.0 378.0



#16
Carbon Disulfide
Concen: 16.97 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 76 Resp: 390105
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

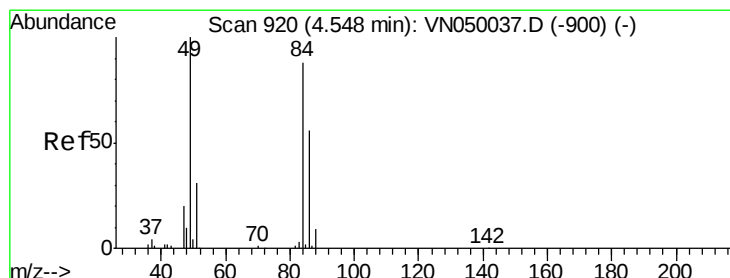
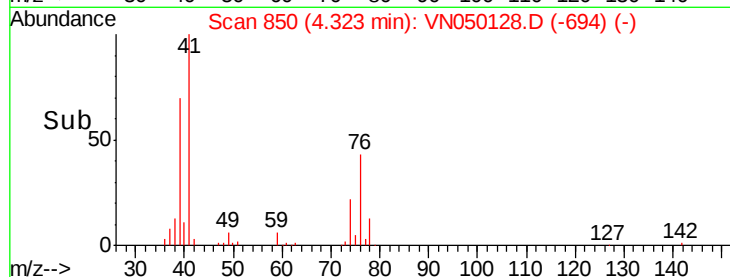
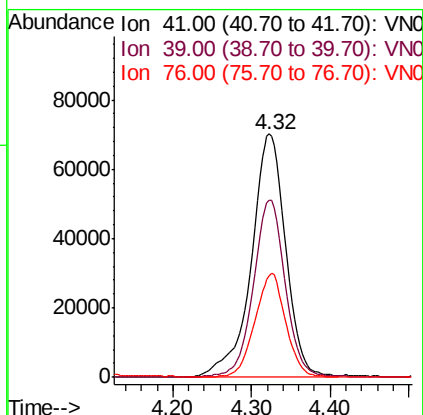
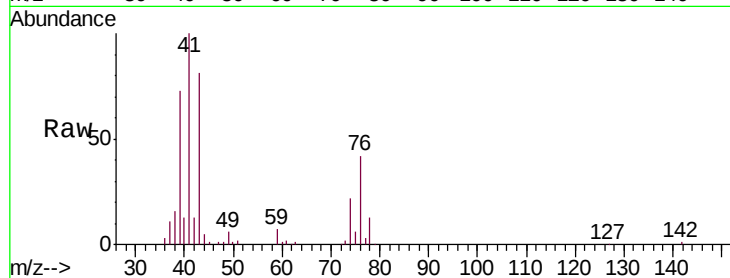




#17
Allvl chloride
Concen: 18.33 ug/l
RT: 4.32 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

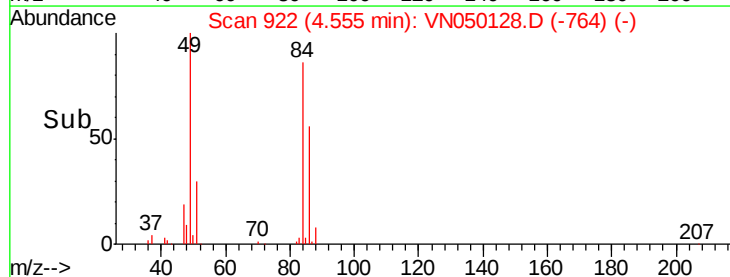
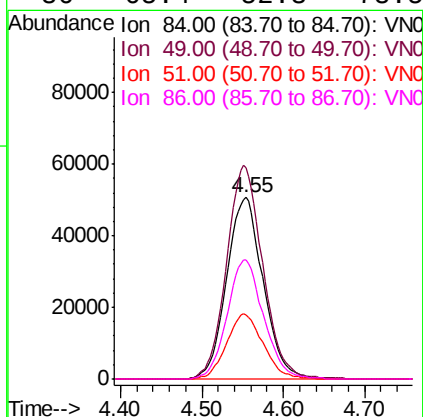
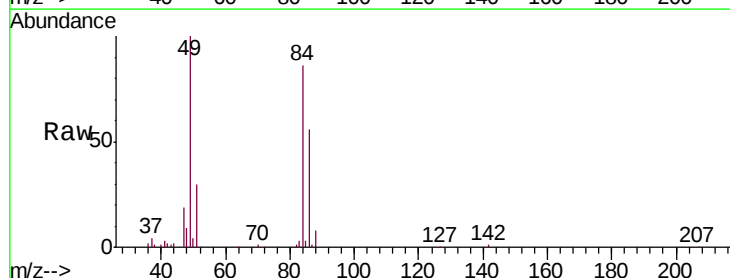
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

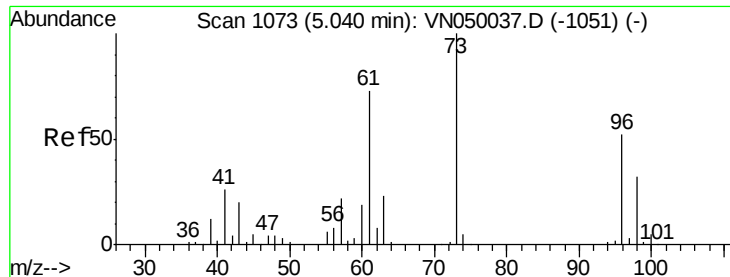
Tot Ion: 41 Resp: 217539
Ion Ratio Lower Upper
41 100
39 72.6 35.4 106.3
76 41.5 19.7 59.1



#18
Methylene Chloride
Concen: 18.29 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 84 Resp: 158574
Ion Ratio Lower Upper
84 100
49 116.3 95.1 142.7
51 35.3 28.8 43.2
86 65.4 52.3 78.5

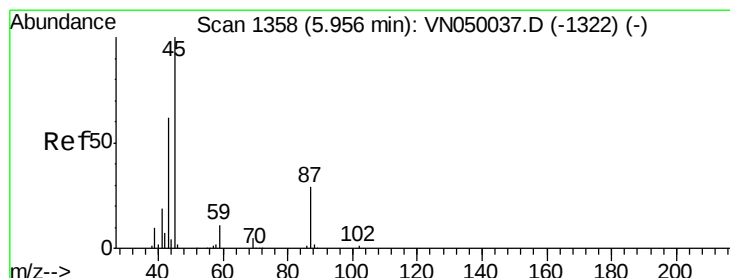
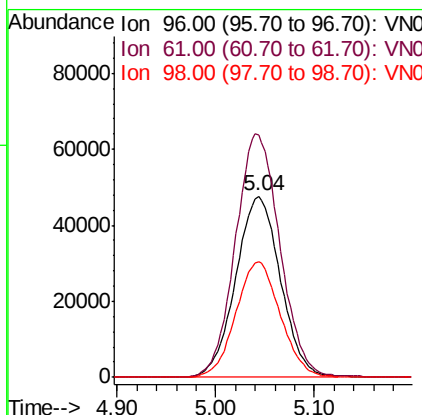
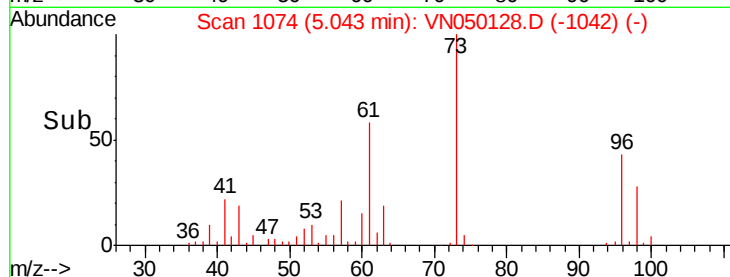
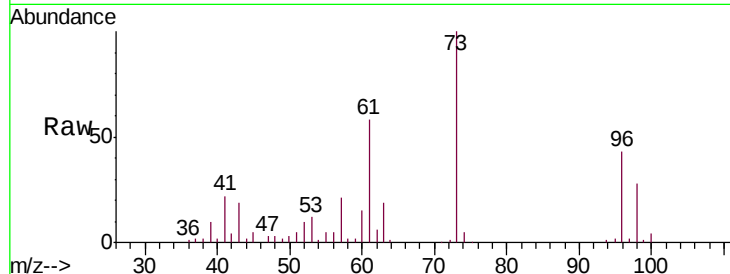




#19
trans-1,2-Dichloroethene
Concen: 18.61 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

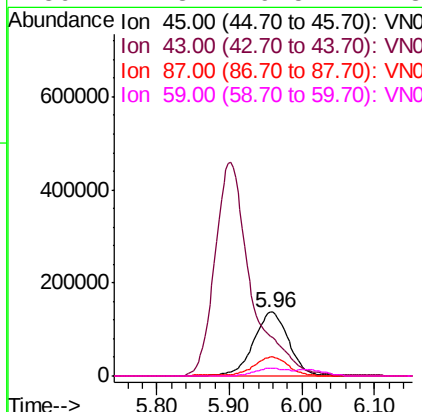
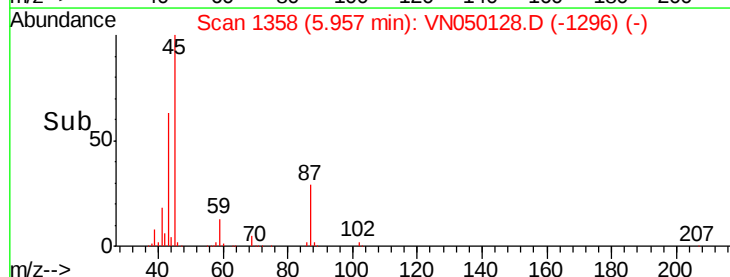
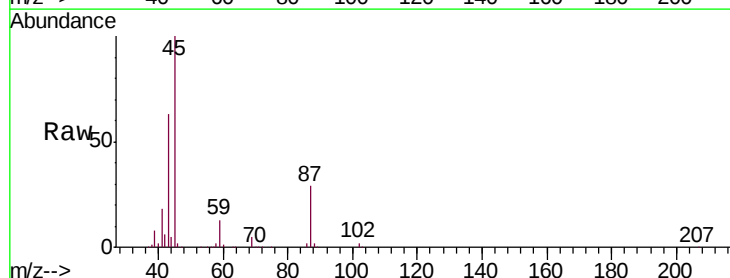
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

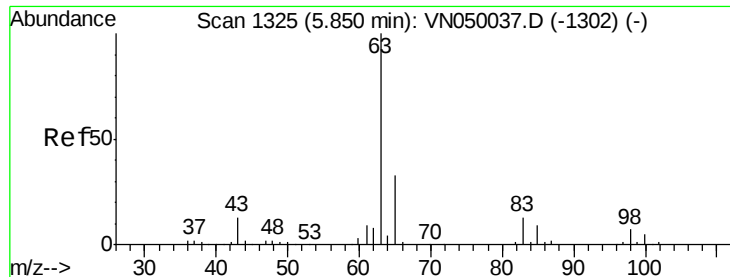
Tot Ion: 96 Resp: 149697
Ion Ratio Lower Upper
96 100
61 133.0 112.1 168.1
98 64.1 51.3 76.9



#20
Diisopropyl ether
Concen: 19.08 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 45 Resp: 464157
Ion Ratio Lower Upper
45 100
43 60.1 46.6 70.0
87 29.1 22.3 33.5
59 12.3 9.5 14.3

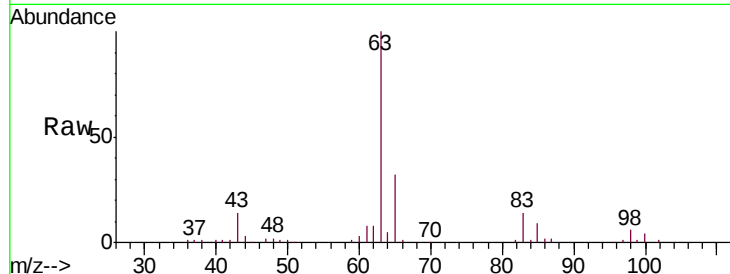




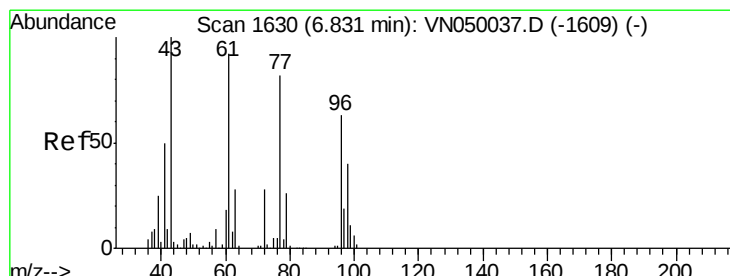
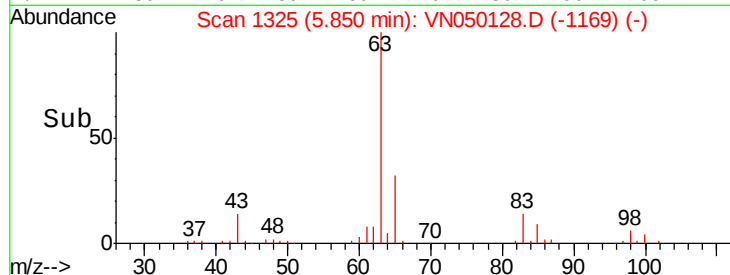
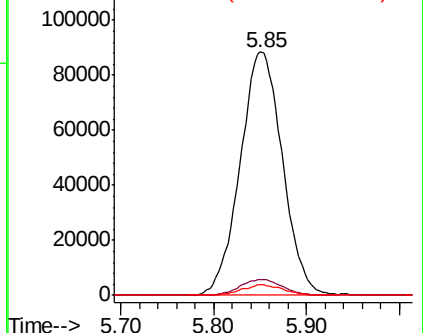
#21
 1,1-Dichloroethane
 Concen: 18.37 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.5	10.6
100	4.4	2.3	6.8

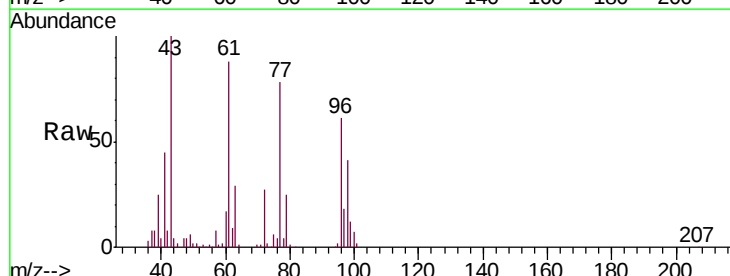


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

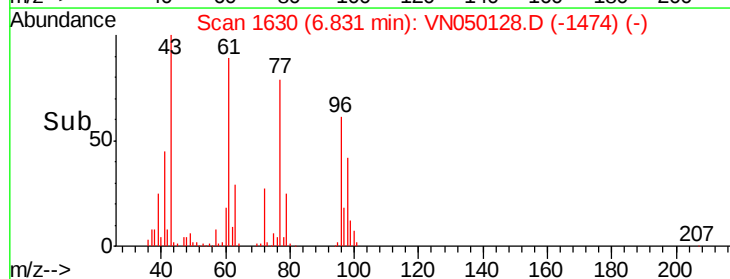
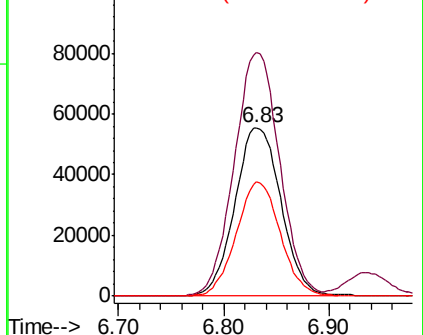


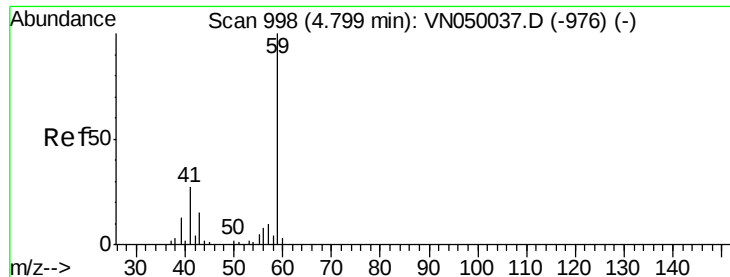
#22
 cis-1,2-Dichloroethene
 Concen: 18.90 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.8	114.2	171.2
98	64.9	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

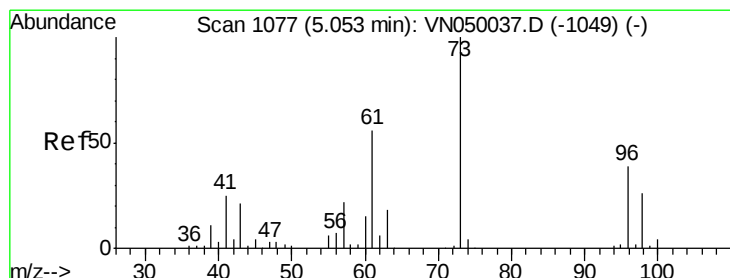
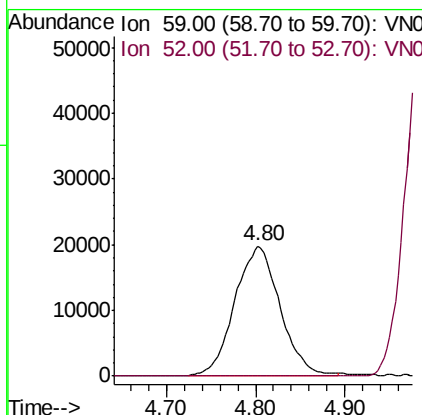
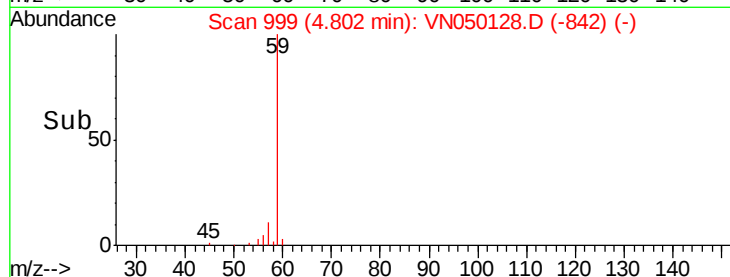
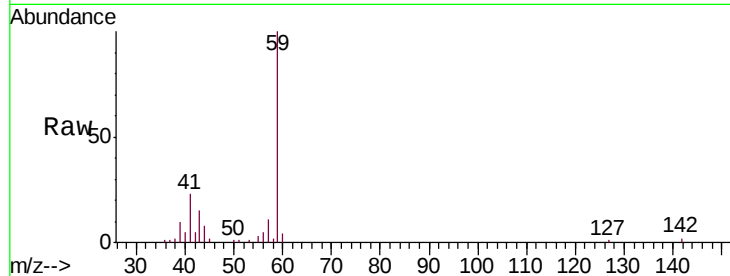




#23
tert-Butyl Alcohol
Concen: 109.22 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

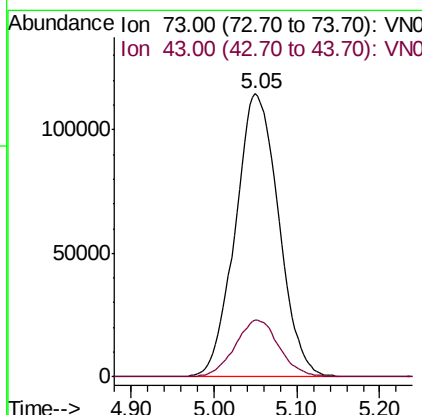
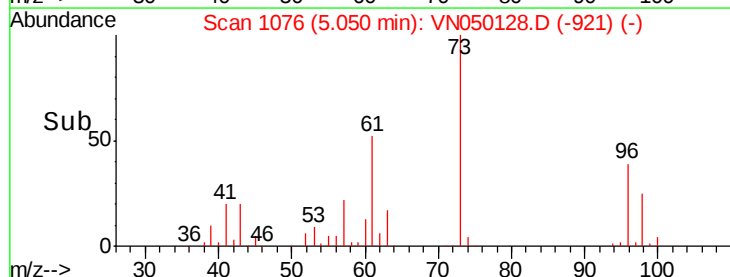
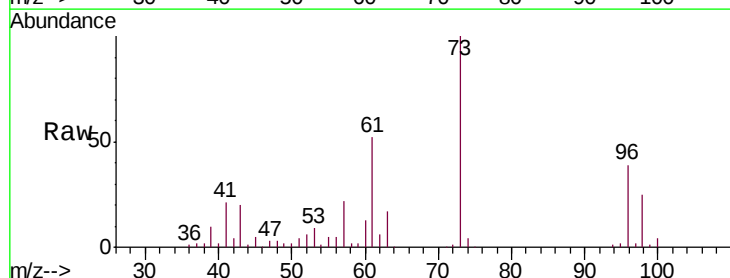
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

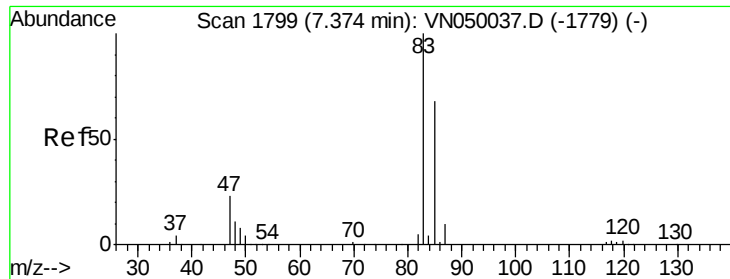
Tot Ion: 59 Resp: 70084
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 20.30 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 73 Resp: 416002
Ion Ratio Lower Upper
73 100
43 20.1 15.5 23.3

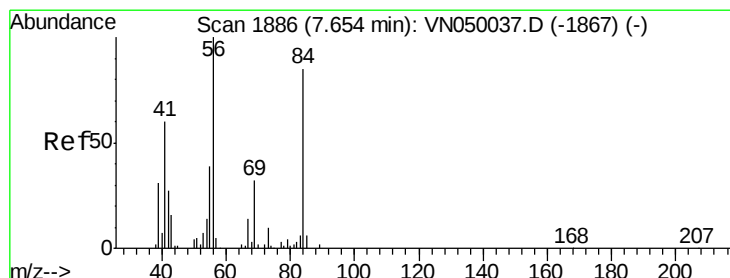
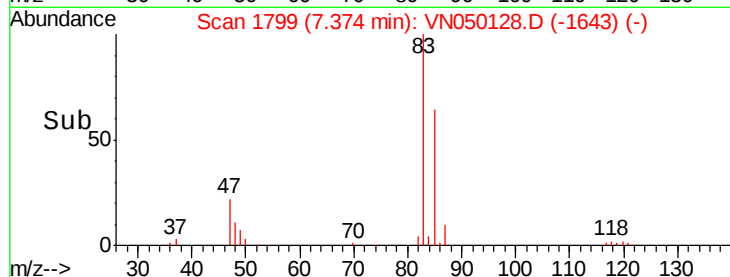
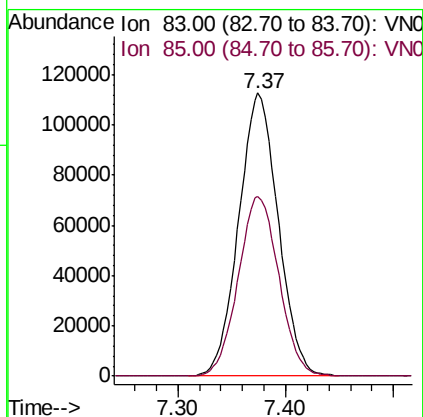
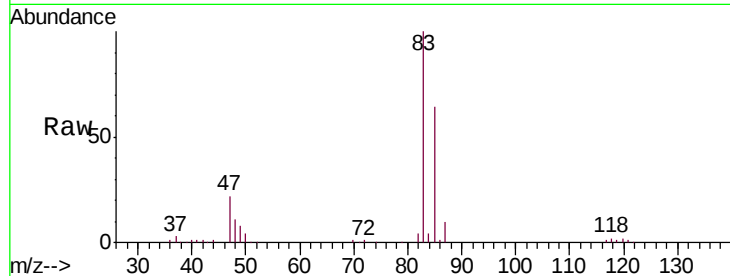




#25
Chloroform
Concen: 18.54 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

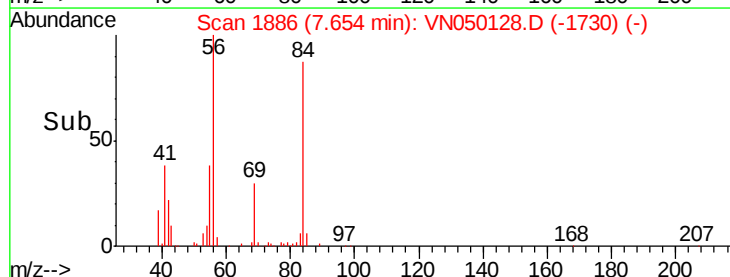
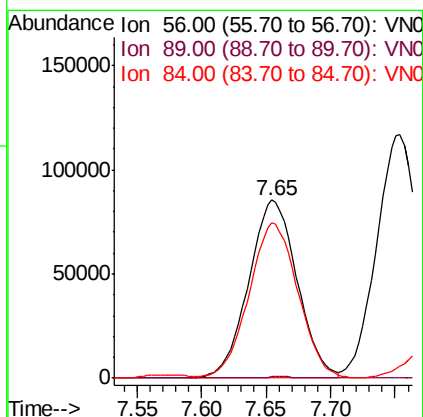
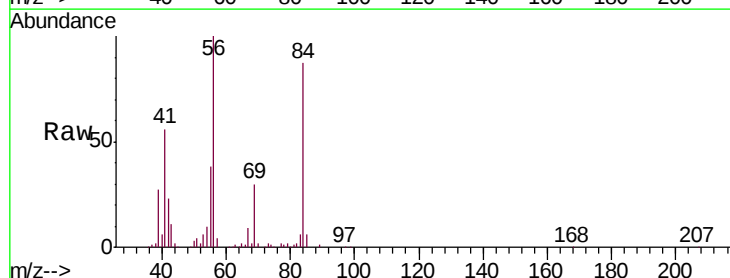
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

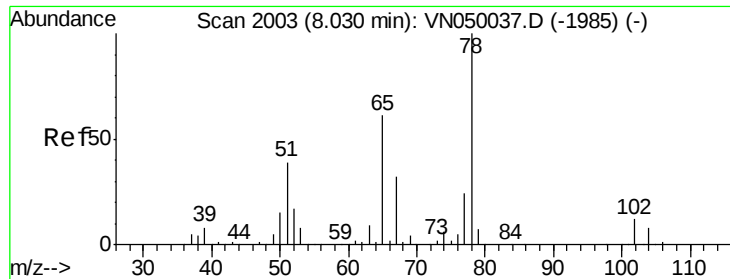
Tot Ion: 83 Resp: 287176
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1



#26
Cyclohexane
Concen: 18.36 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 56 Resp: 223163
Ion Ratio Lower Upper
56 100
89 0.6 3.0 4.4#
84 87.2 69.8 104.8

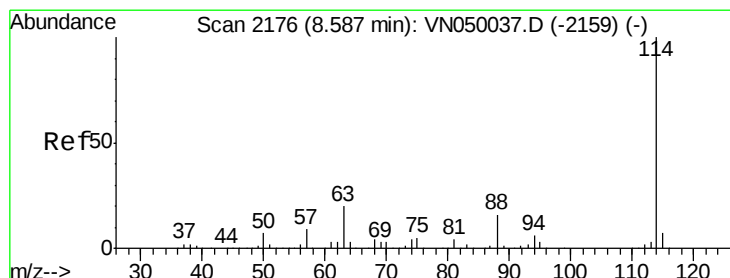
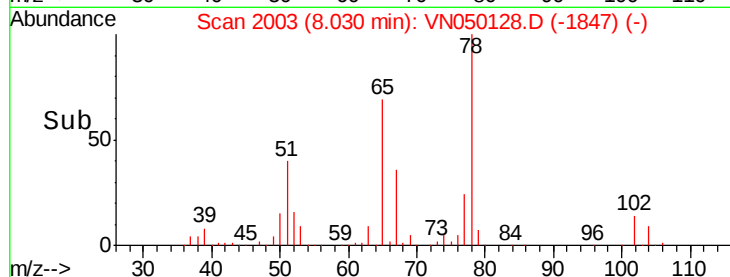
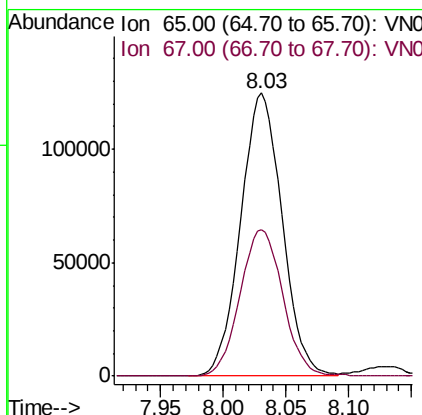
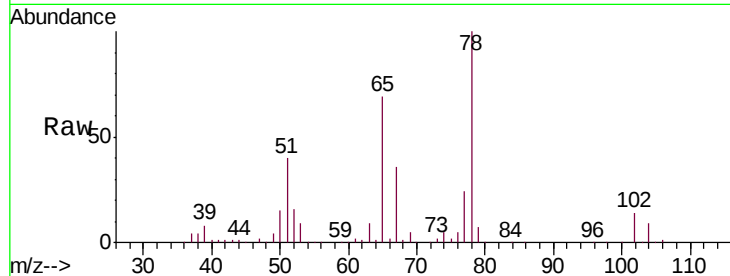




#27
 1,2-Dichloroethane-d4
 Concen: 30.06 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

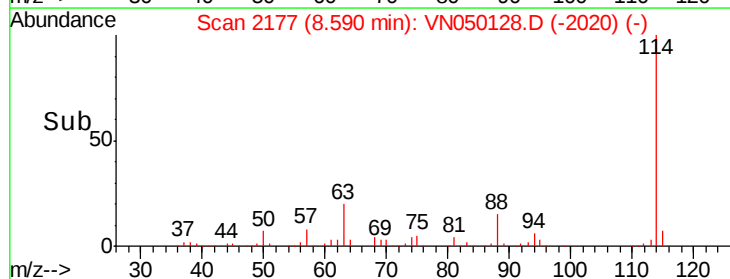
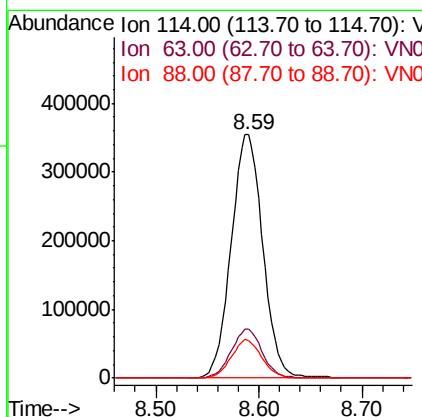
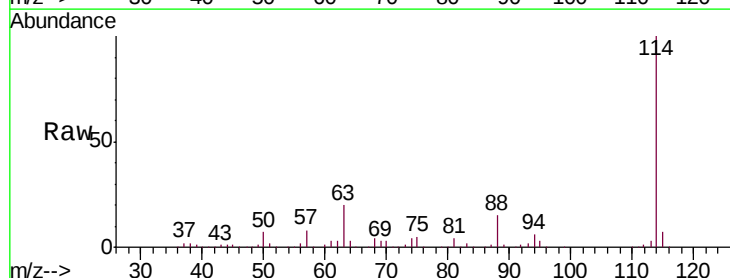
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

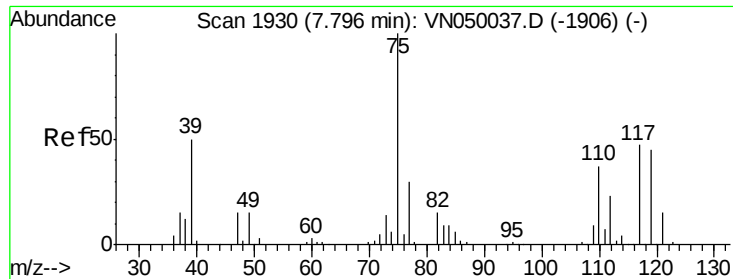
Tot Ion: 65 Resp: 287906
 Ion Ratio Lower Upper
 65 100
 67 53.3 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion: 114 Resp: 757879
 Ion Ratio Lower Upper
 114 100
 63 19.6 16.2 24.2
 88 15.3 12.3 18.5

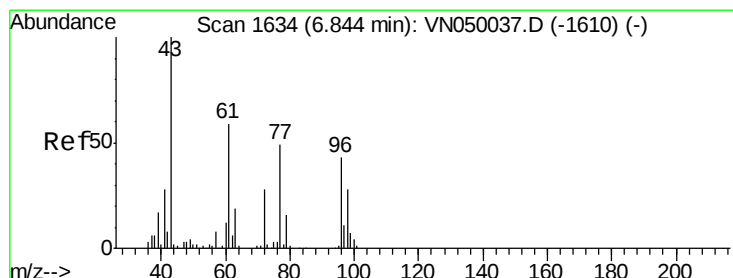
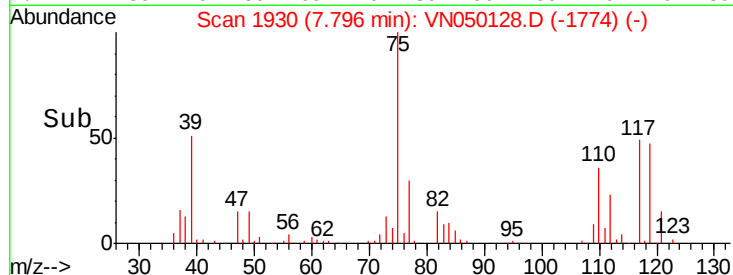
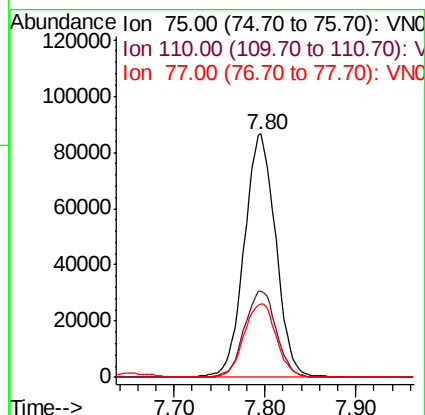
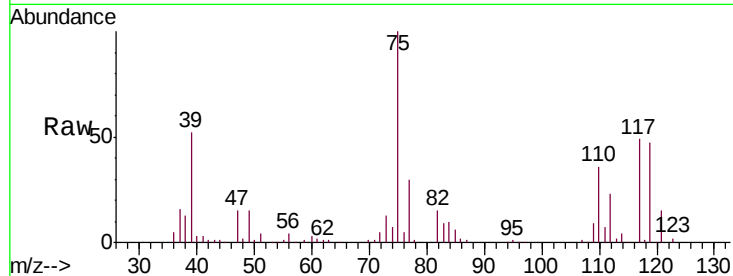




#29
 1,1-Dichloropropene
 Concen: 17.71 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

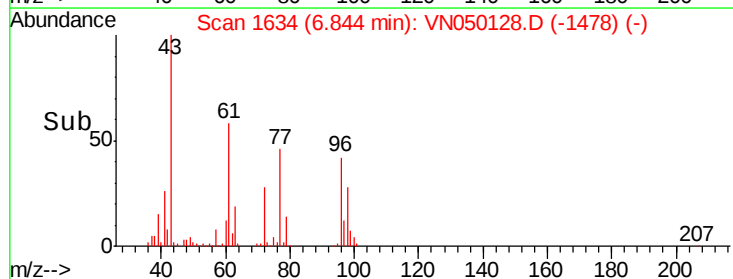
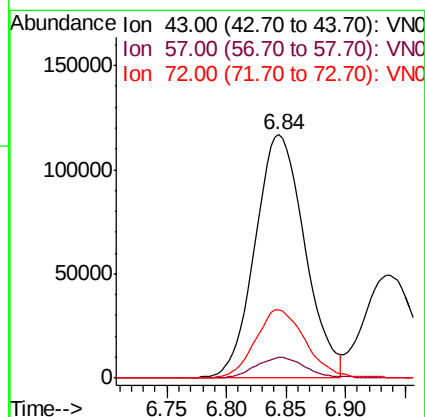
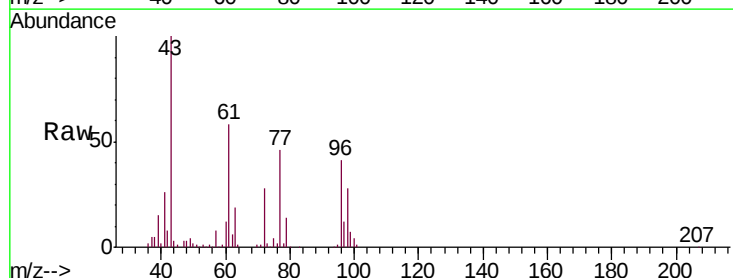
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

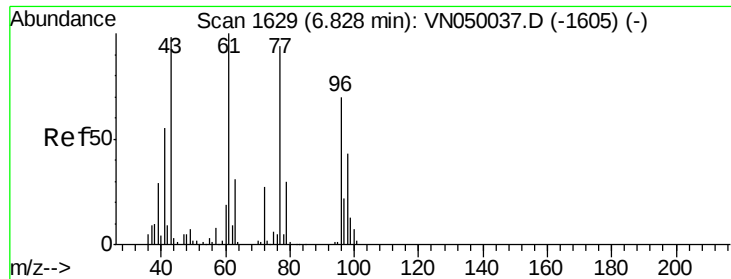
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.7	0.0	73.2
77	31.4	0.0	62.0



#30
 2-Butanone
 Concen: 91.41 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.8	10.2
72	28.5	21.4	32.0





#31

2,2-Dichloropropane

Concen: 17.80 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

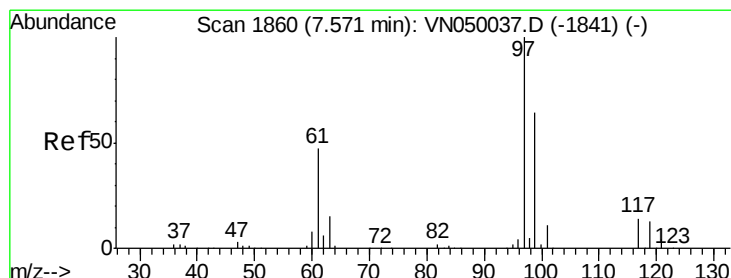
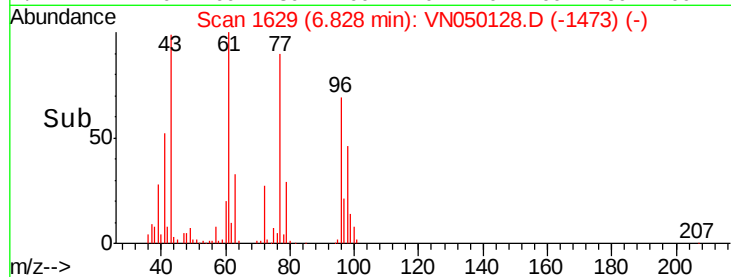
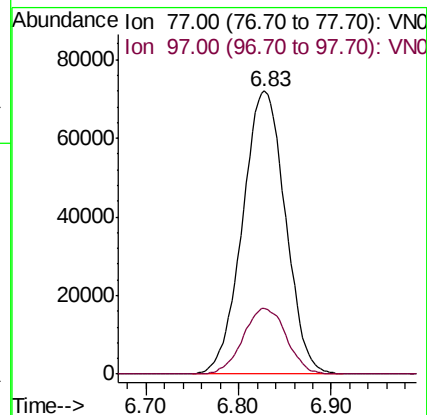
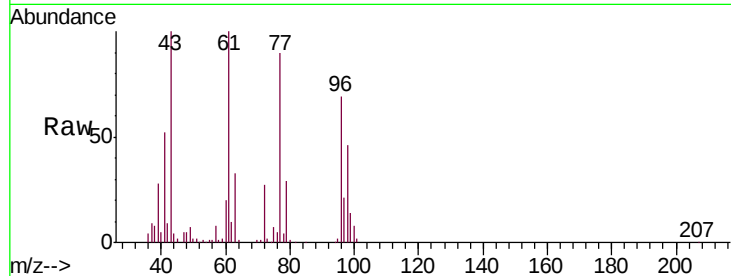
VN0727WBSD01

Tot Ion: 77 Resp: 231397

Ion Ratio Lower Upper

77 100

97 23.5 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 17.88 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

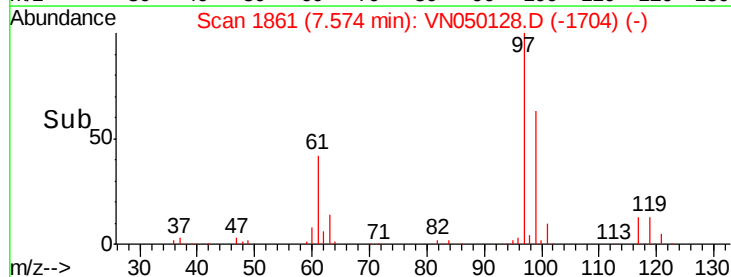
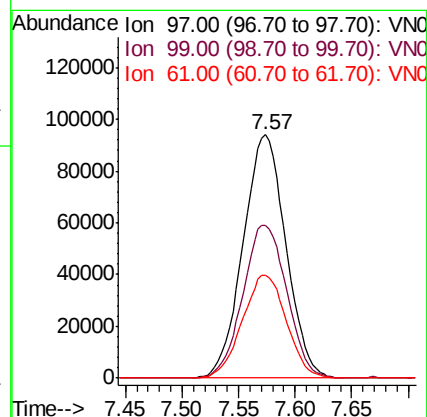
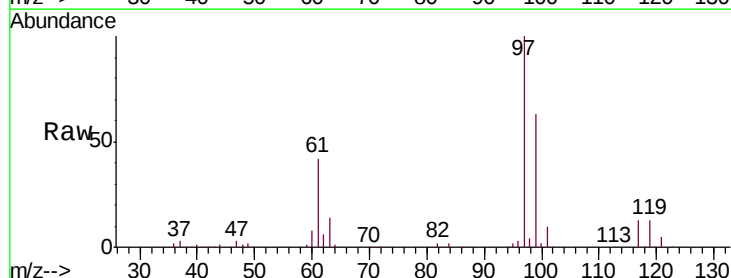
Tgt Ion: 97 Resp: 247592

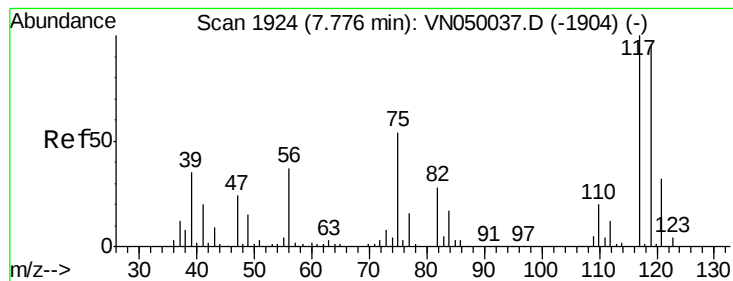
Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 43.5 35.3 52.9





#33

Carbon Tetrachloride

Concen: 17.52 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

VN0727WBSD01

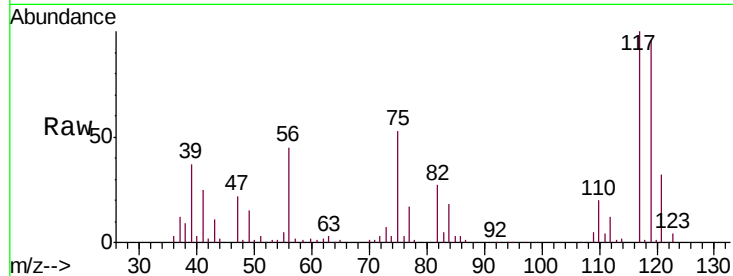
Tot Ion:117 Resp: 216225

Ion Ratio Lower Upper

117 100

119 96.2 76.9 115.3

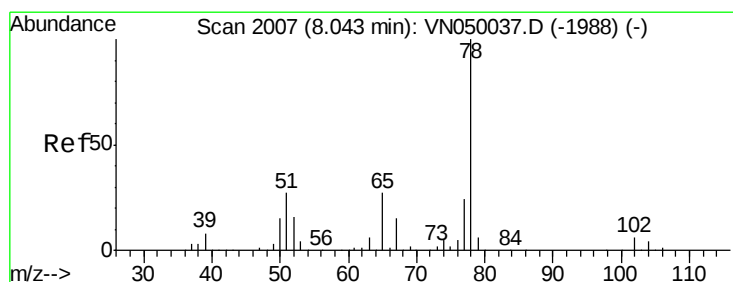
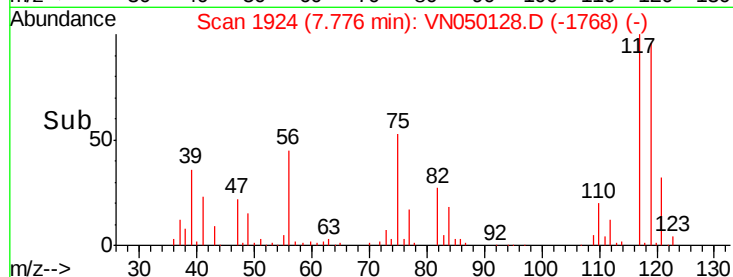
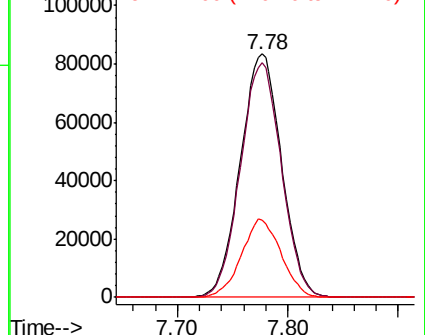
121 31.9 24.4 36.6



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: 17.78 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

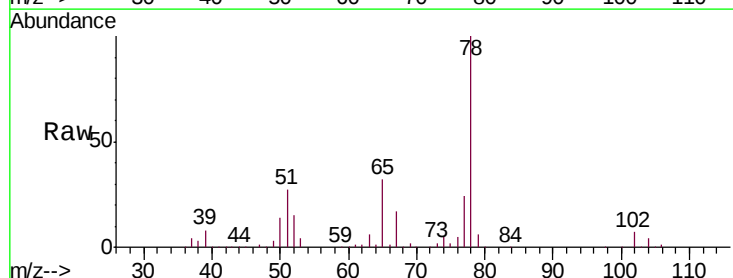
Tgt Ion: 78 Resp: 634929

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

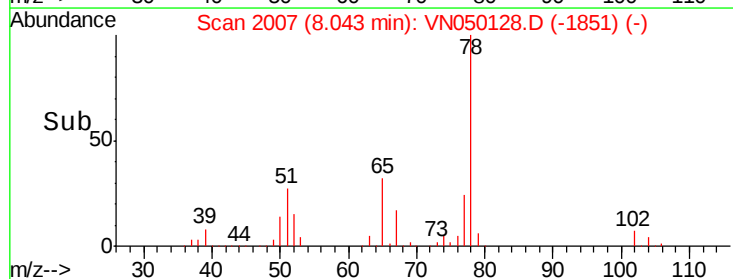
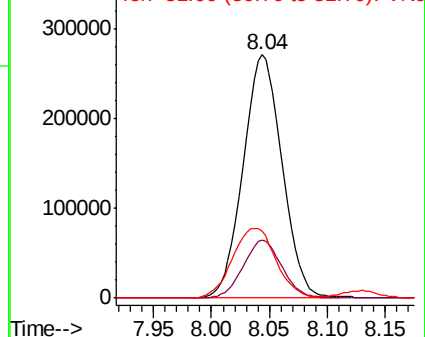
51 27.1 21.0 31.4

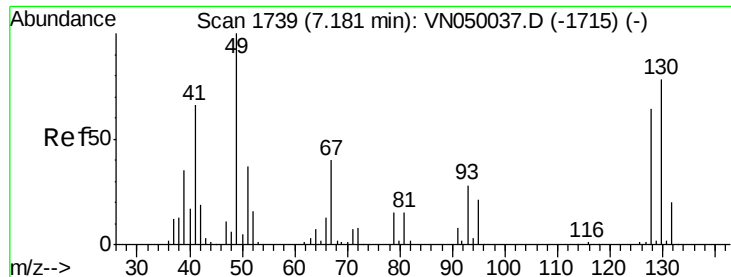


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

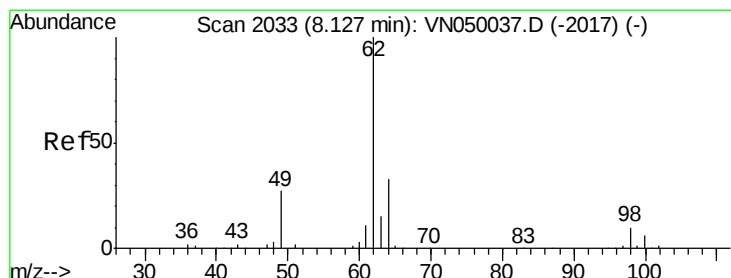
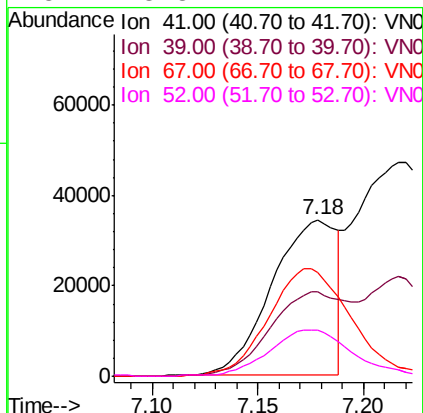
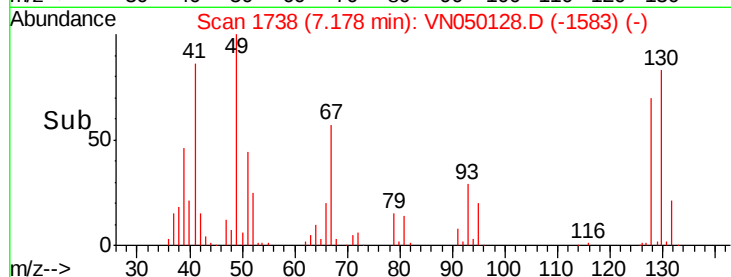
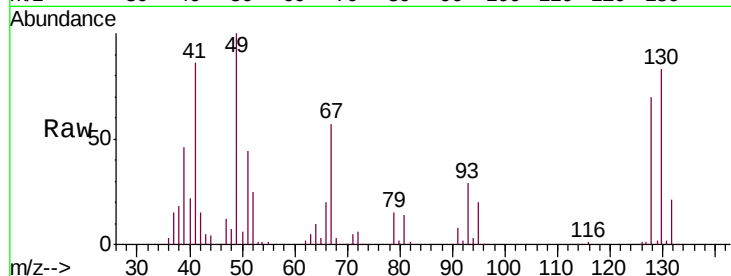




#35
Methacrylonitrile
Concen: 17.40 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

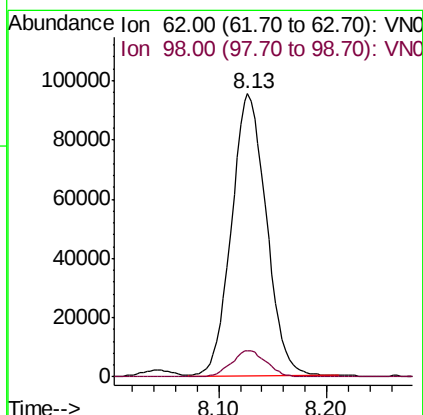
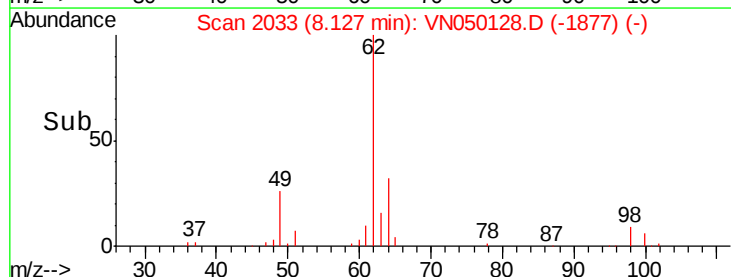
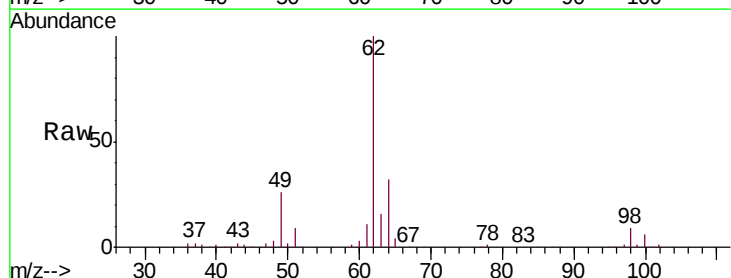
Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

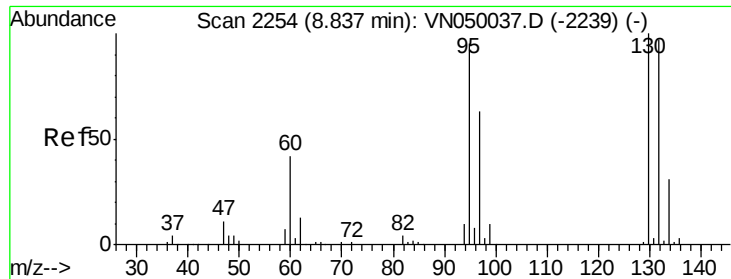
Tot Ion: 41 Resp: 73135
Ion Ratio Lower Upper
41 100
39 53.7 27.6 82.7
67 66.0 35.1 105.5
52 28.8 14.1 42.4



#36
1,2-Dichloroethane
Concen: 18.25 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 62 Resp: 213988
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6

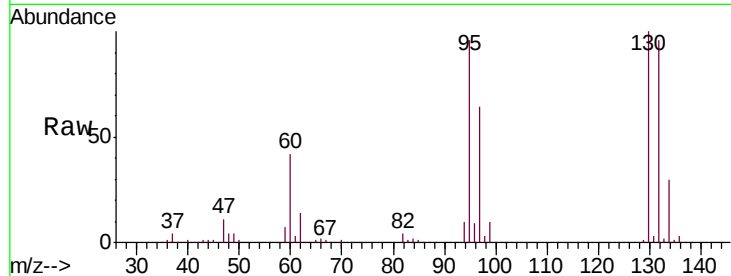




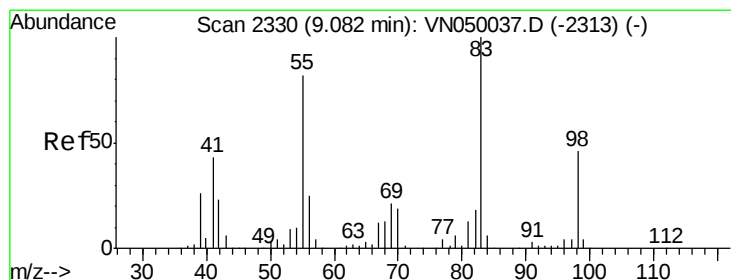
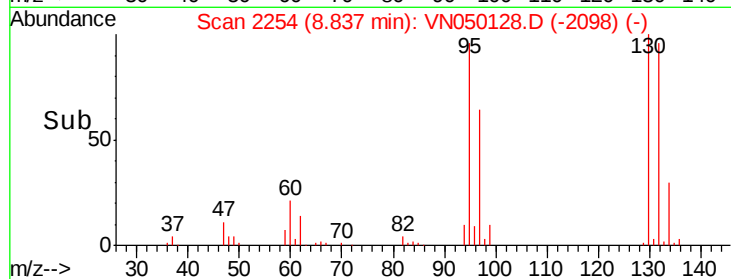
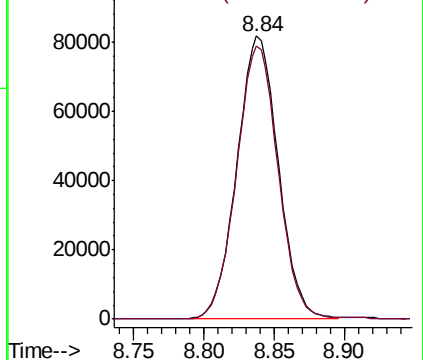
#37
 Trichloroethene
 Concen: 17.94 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion:130 Resp: 168032
 Ion Ratio Lower Upper
 130 100
 95 96.3 79.7 119.5

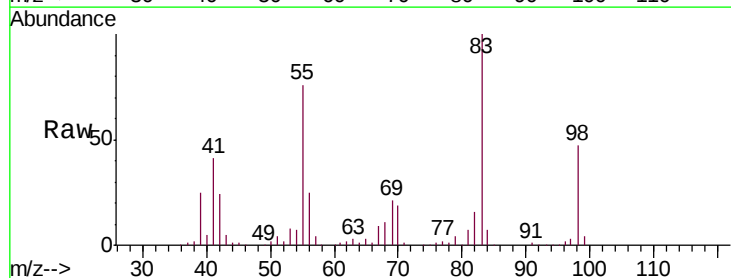


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

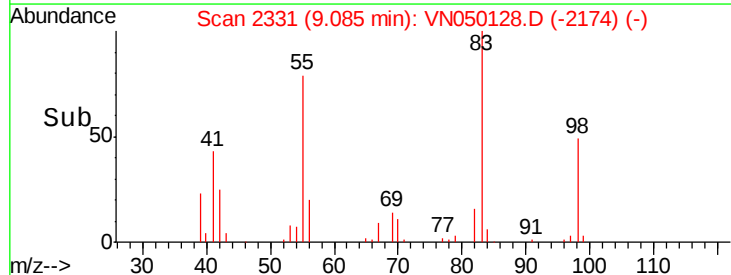
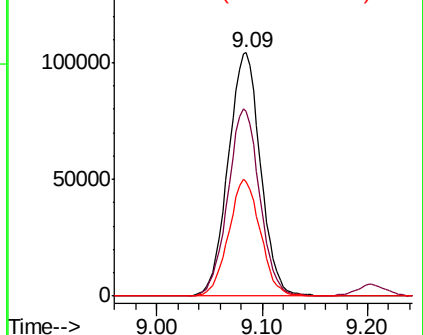


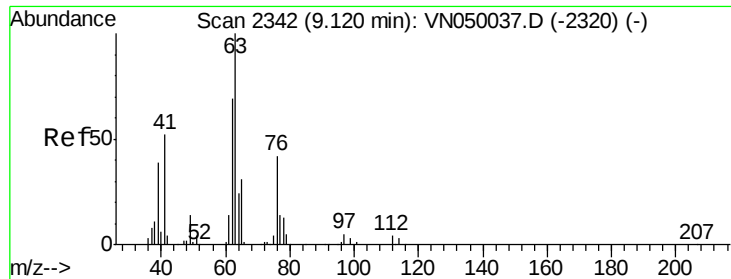
#38
 Methylcyclohexane
 Concen: 17.86 ug/l
 RT: 9.09 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion: 83 Resp: 221478
 Ion Ratio Lower Upper
 83 100
 55 75.6 39.3 117.8
 98 47.2 23.0 69.0



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





#39

1,2-Dichloropropane

Concen: 17.60 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

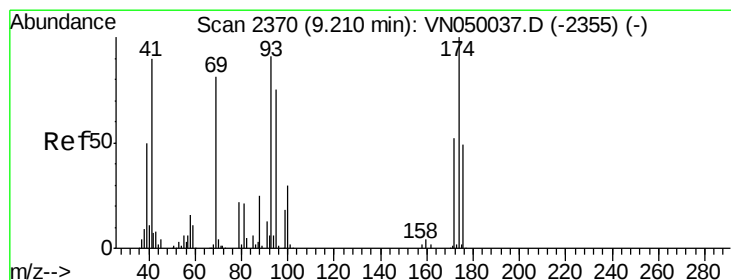
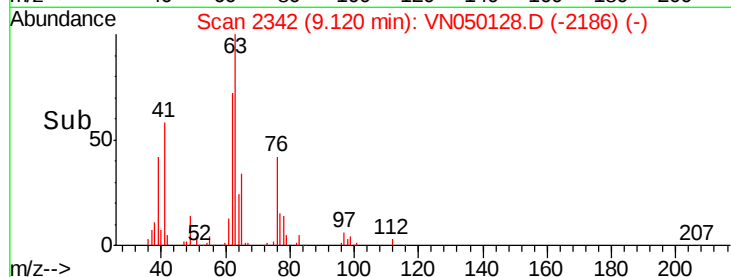
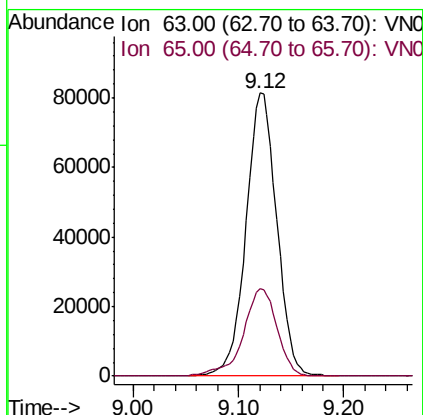
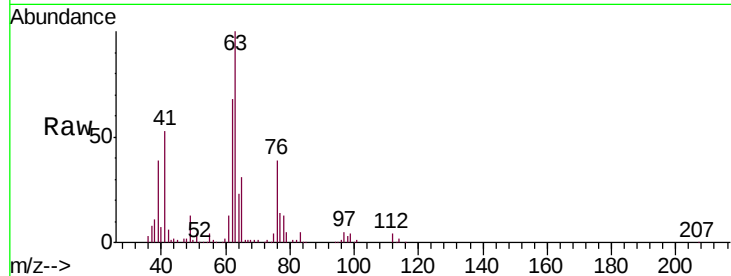
VN0727WBSD01

Tot Ion: 63 Resp: 165625

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.2



#40

Dibromomethane

Concen: 18.21 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

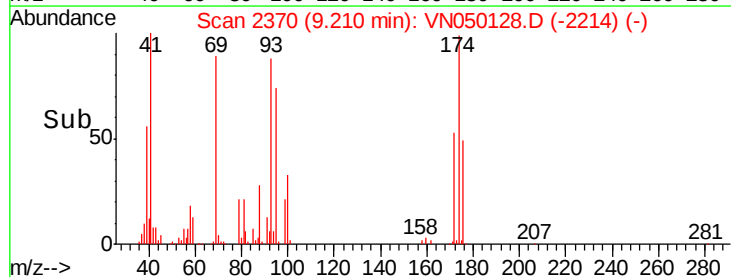
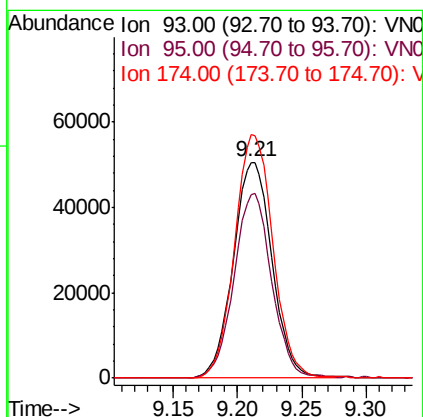
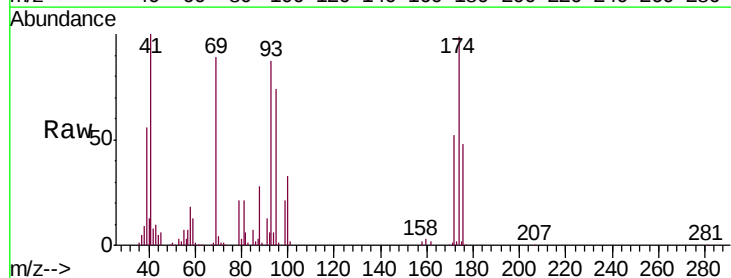
Tgt Ion: 93 Resp: 105908

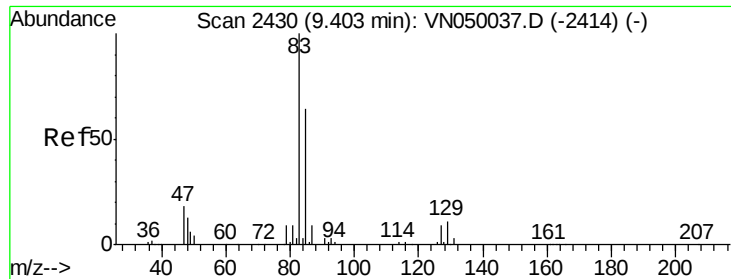
Ion Ratio Lower Upper

93 100

95 83.1 0.0 165.6

174 111.2 0.0 223.2

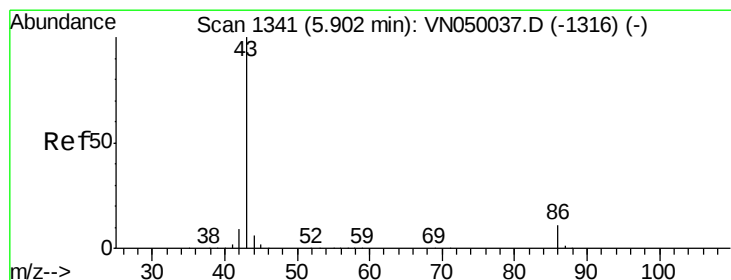
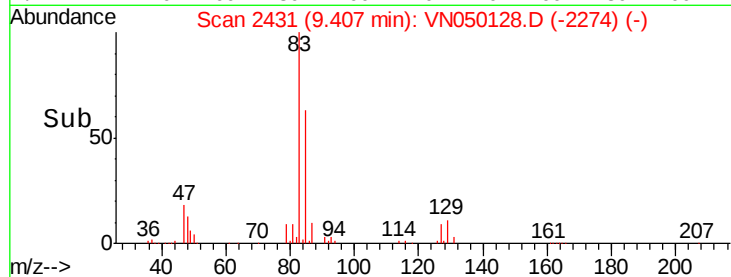
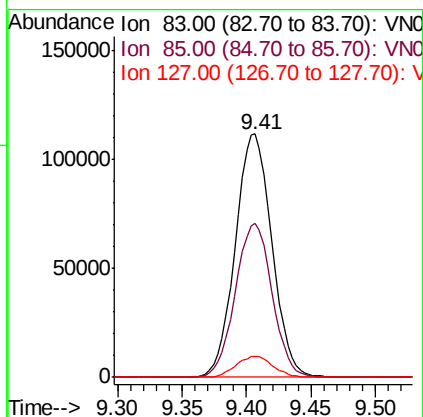
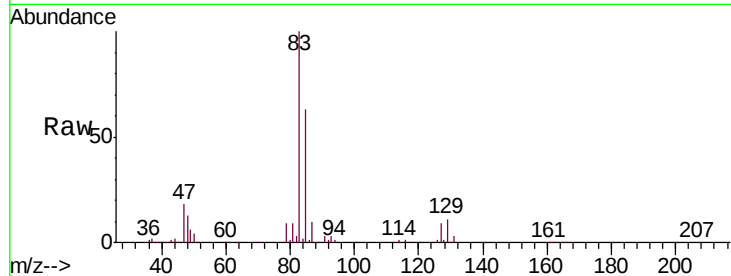




#41
 Bromodichloromethane
 Concen: 17.94 ug/l
 RT: 9.41 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

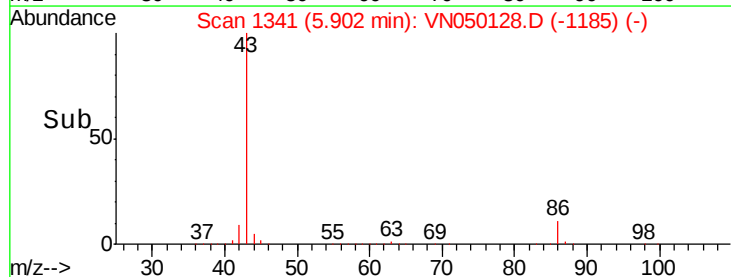
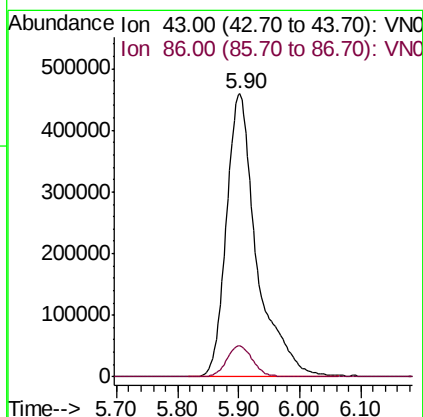
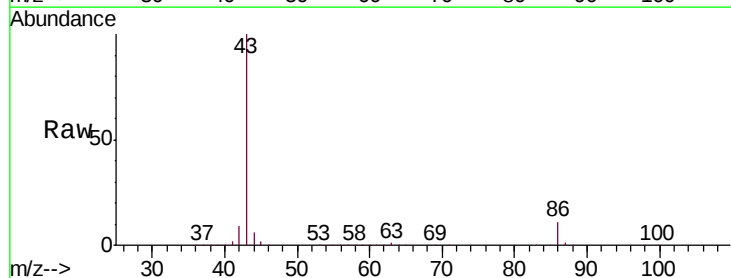
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

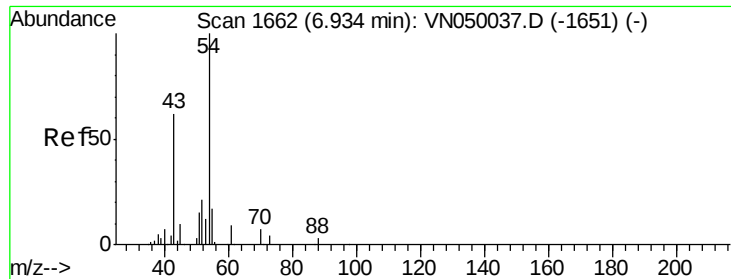
Tot Ion: 83 Resp: 220040
 Ion Ratio Lower Upper
 83 100
 85 63.1 52.6 78.8
 127 8.8 7.0 10.4



#42
 Vinyl Acetate
 Concen: 91.54 ug/l
 RT: 5.90 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion: 43 Resp: 1589913
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.3 10.9

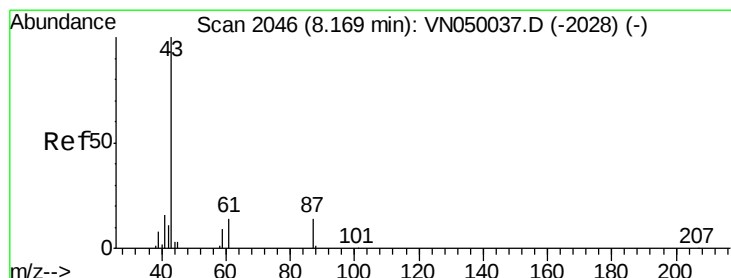
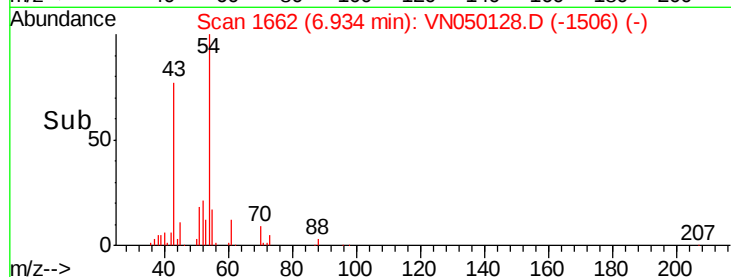
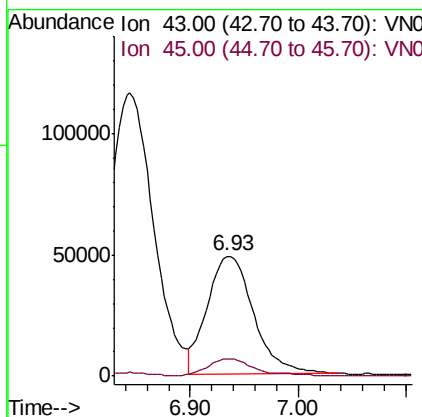
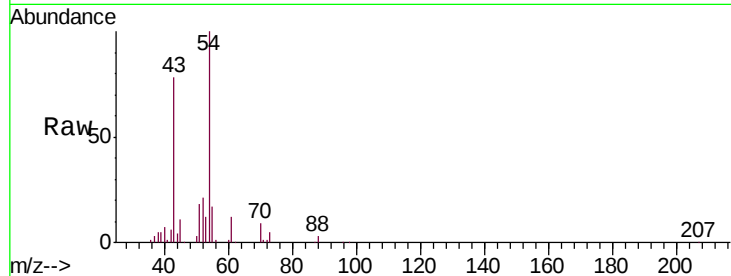




#43
Ethyl Acetate
Concen: 19.03 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

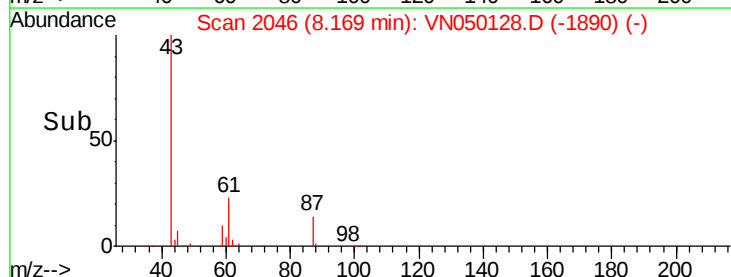
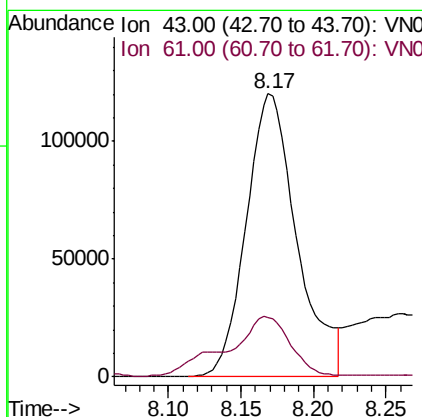
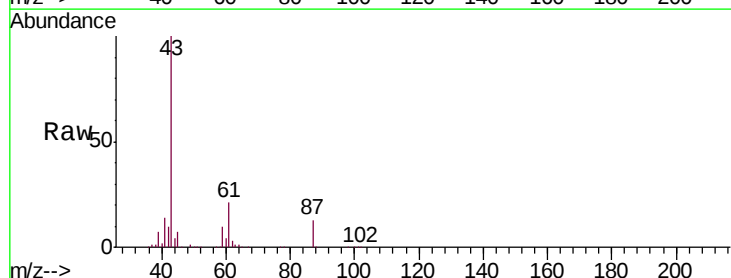
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

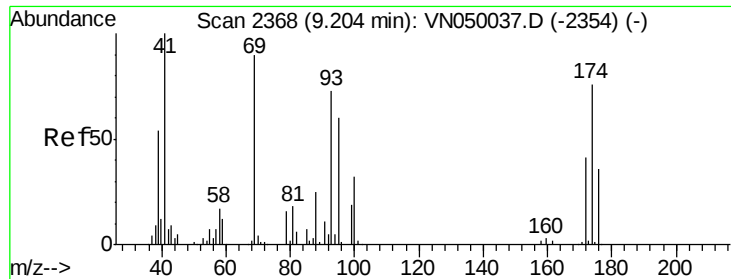
Tot Ion: 43 Resp: 146638
Ion Ratio Lower Upper
43 100
45 12.2 13.0 19.6#



#44
Isopropyl Acetate
Concen: 20.39 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 43 Resp: 291111
Ion Ratio Lower Upper
43 100
61 18.7 16.4 24.6

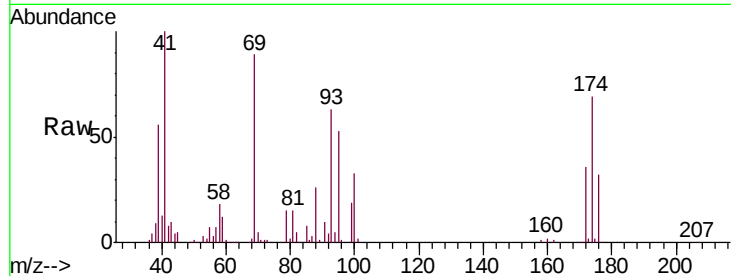




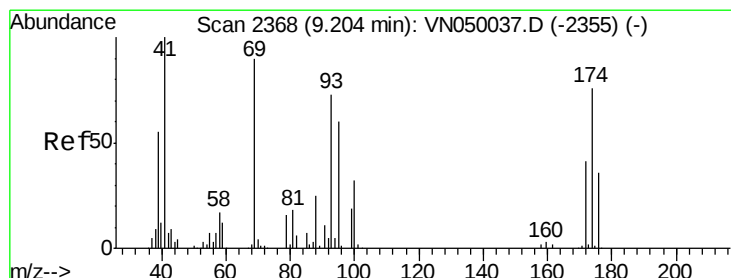
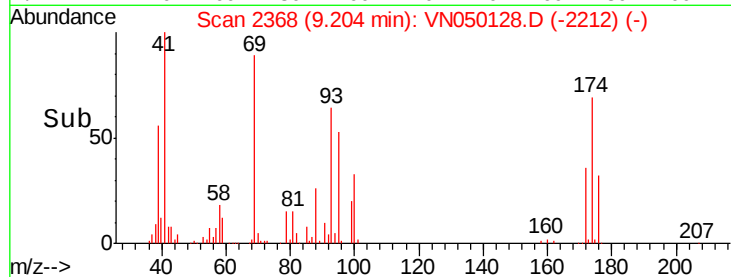
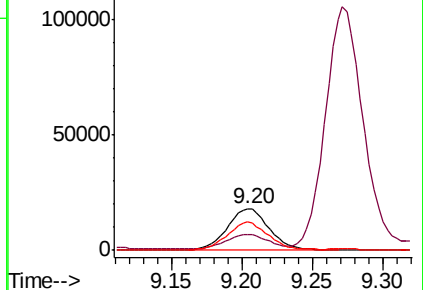
#45
 1,4-Dioxane
 Concen: 402.73 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Instrument :
 MSVOA_N
 ClientSampled :
 VN0727WBSD01

Tot Ion: 88 Resp: 37836
 Ion Ratio Lower Upper
 88 100
 43 34.8 26.9 40.3
 58 67.0 53.6 80.4

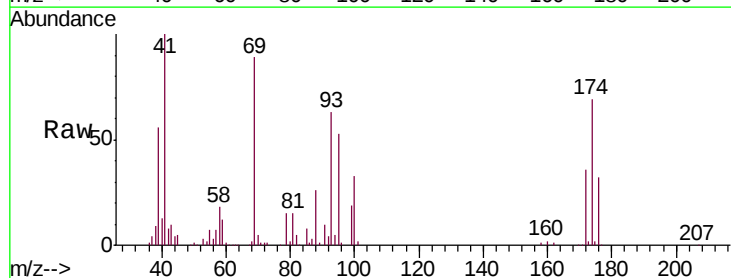


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

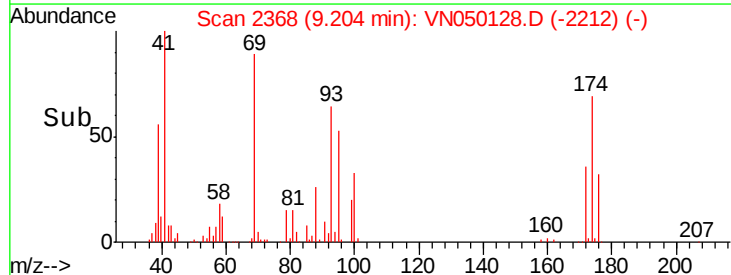
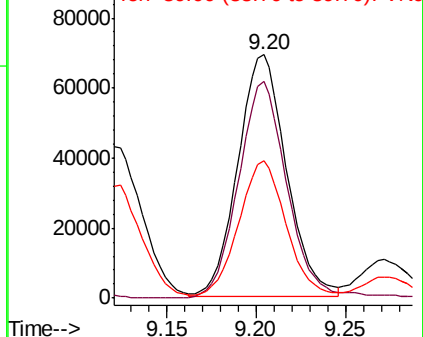


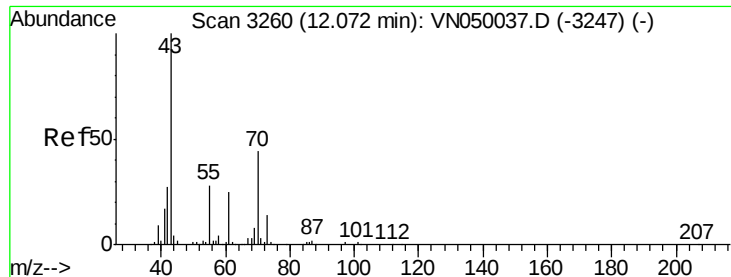
#46
 Methyl methacrylate
 Concen: 19.06 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion: 41 Resp: 131932
 Ion Ratio Lower Upper
 41 100
 69 90.3 44.0 132.1
 39 55.9 27.0 80.8



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





#47

n-amvl Acetate

Concen: 17.94 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

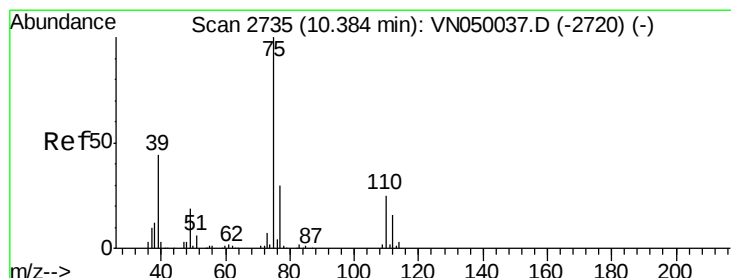
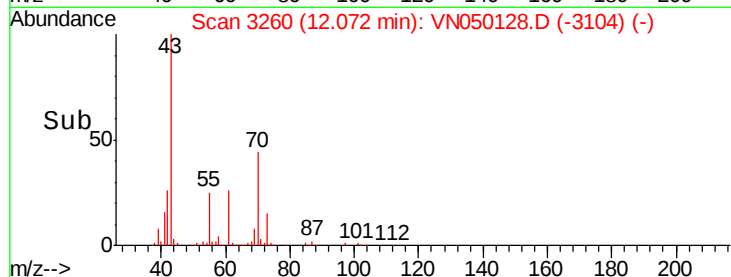
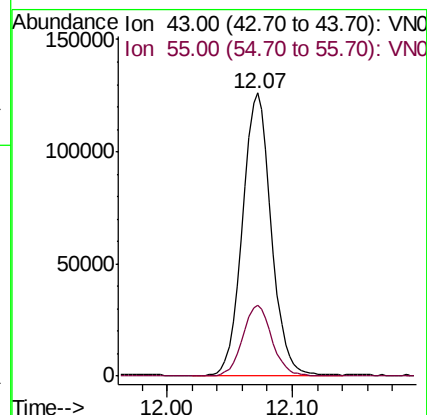
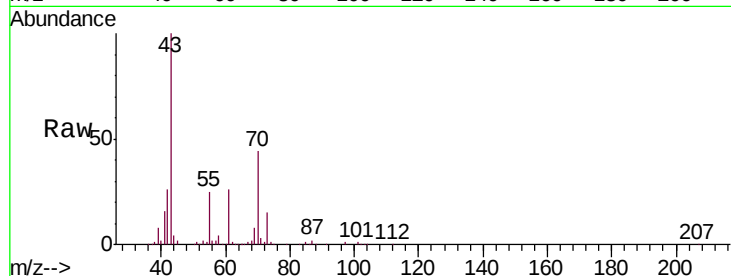
VN0727WBSD01

Tot Ion: 43 Resp: 199289

Ion Ratio Lower Upper

43 100

55 25.7 21.0 31.4



#48

t-1,3-Dichloropropene

Concen: 18.58 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050128.D

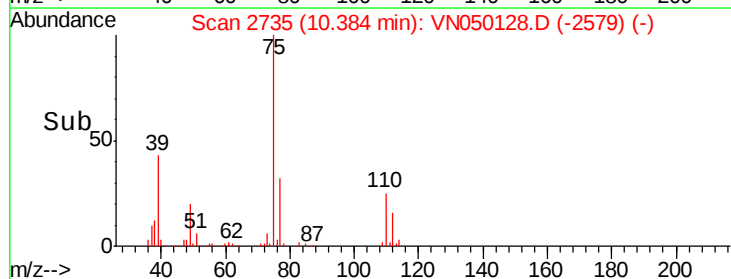
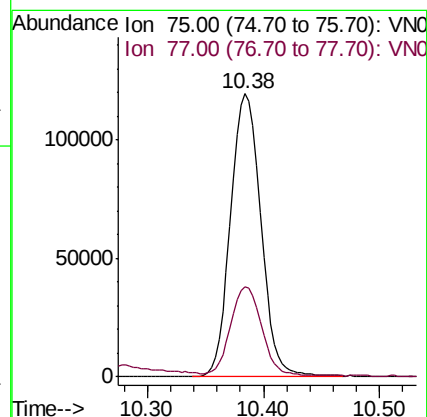
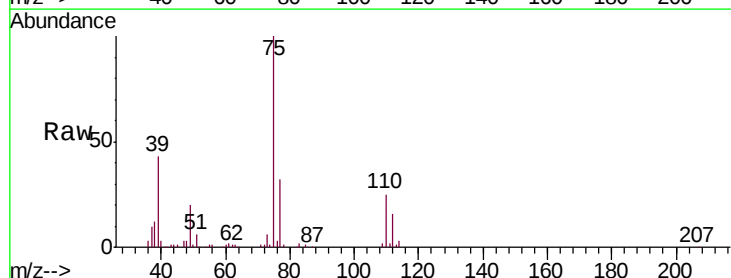
Acq: 27 Jul 2018 13:15

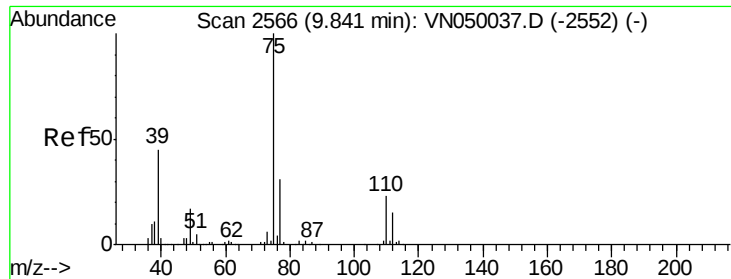
Tgt Ion: 75 Resp: 217273

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

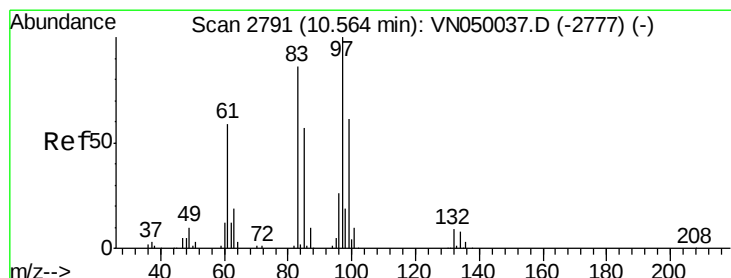
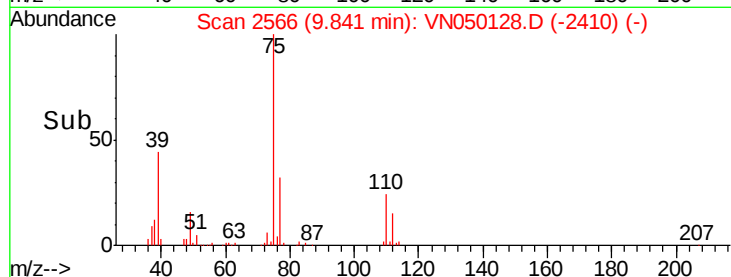
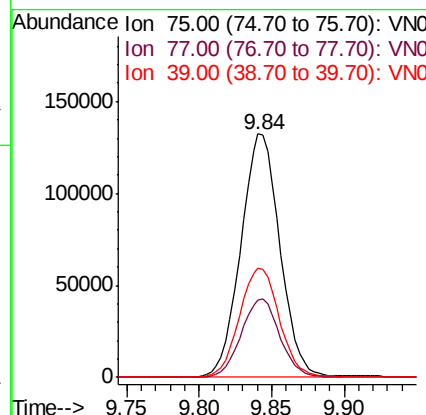
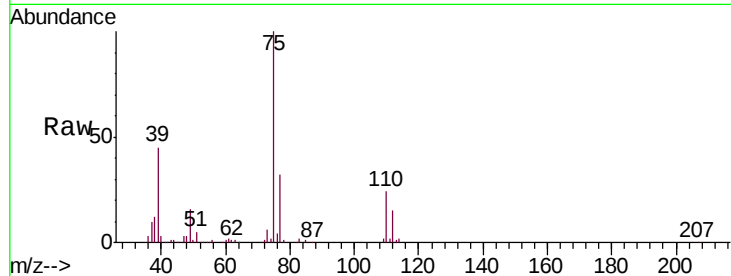




#49
 cis-1,3-Dichloropropene
 Concen: 18.05 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

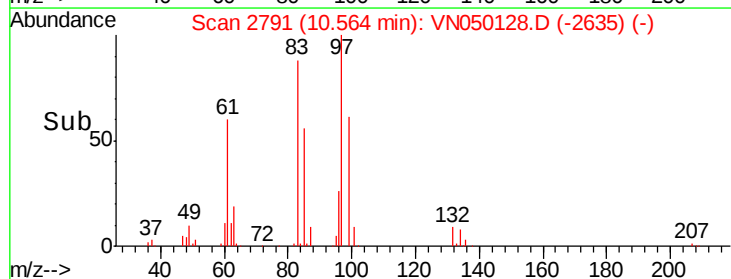
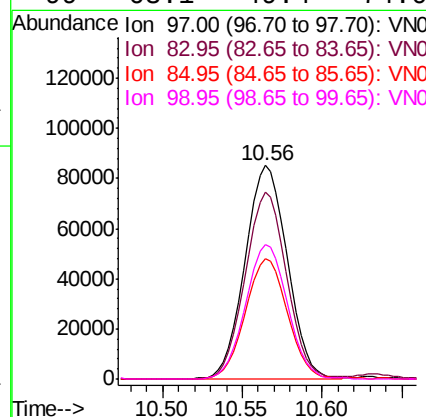
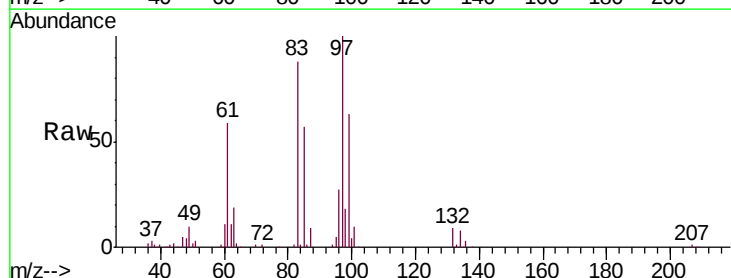
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

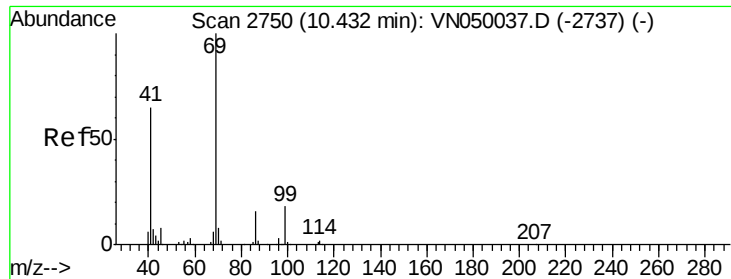
Tot Ion: 75 Resp: 248029
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5
 39 44.5 36.3 54.5



#50
 1,1,2-Trichloroethane
 Concen: 18.40 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion: 97 Resp: 153625
 Ion Ratio Lower Upper
 97 100
 83 87.6 68.1 102.1
 85 56.6 45.4 68.2
 99 63.1 49.4 74.0





#51

Ethyl methacrylate

Concen: 18.55 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

VN0727WBSD01

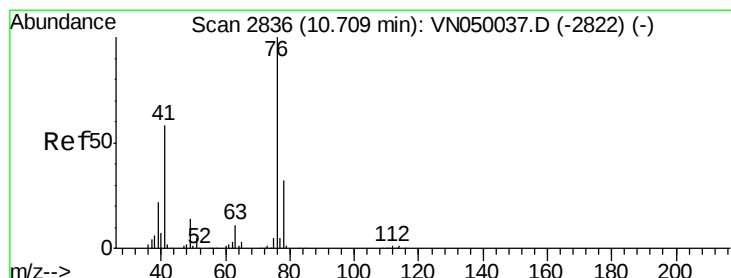
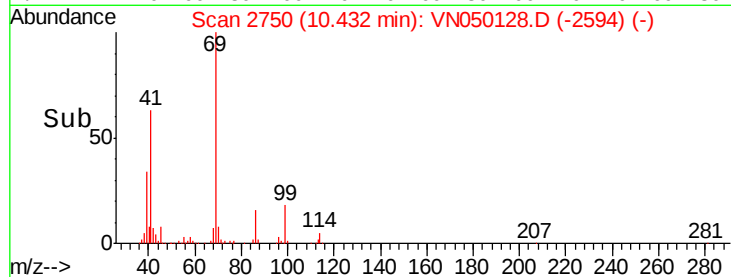
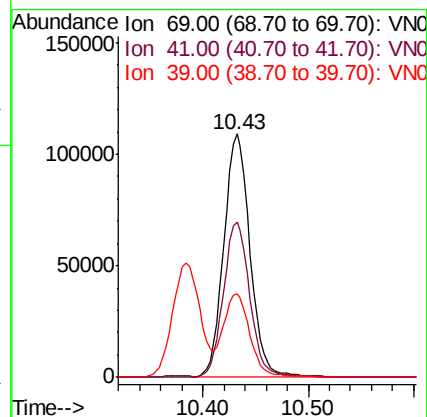
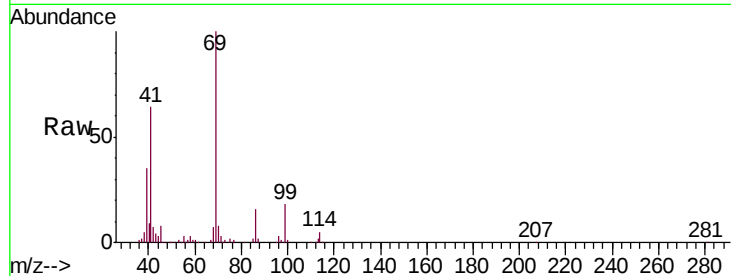
Tot Ion: 69 Resp: 187943

Ion Ratio Lower Upper

69 100

41 63.2 31.9 95.9

39 34.3 16.7 50.1



#52

1,3-Dichloropropane

Concen: 18.39 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050128.D

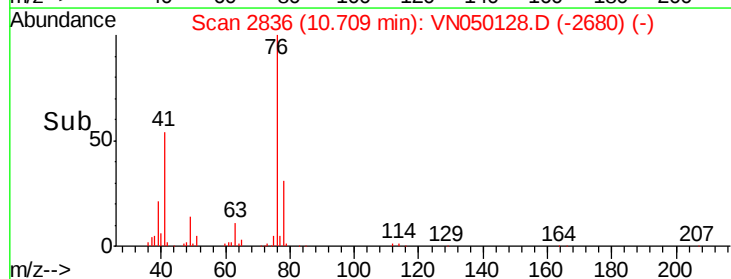
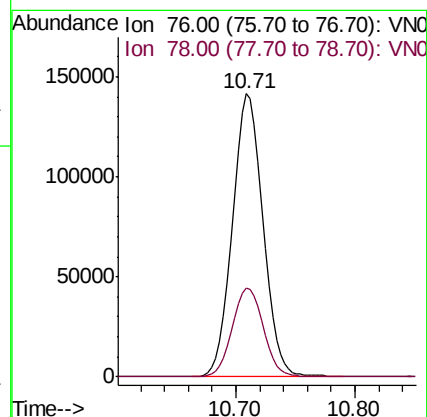
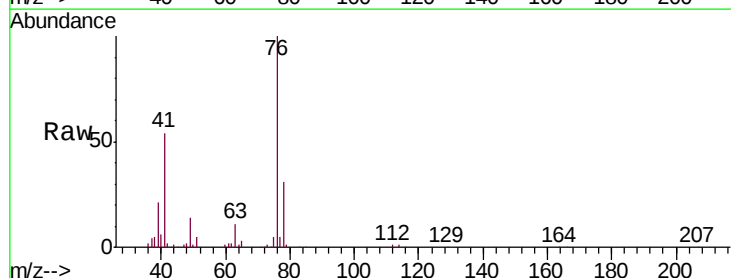
Acq: 27 Jul 2018 13:15

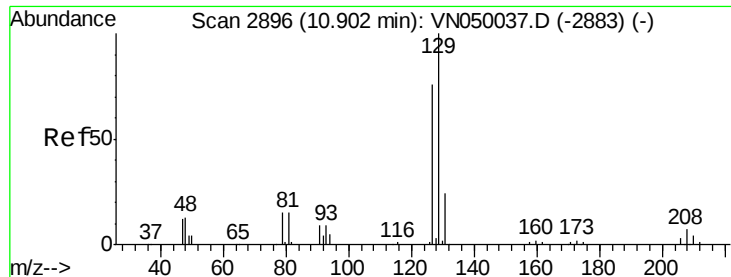
Tgt Ion: 76 Resp: 252136

Ion Ratio Lower Upper

76 100

78 31.9 0.0 65.6





#53

Dibromochloromethane

Concen: 17.67 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

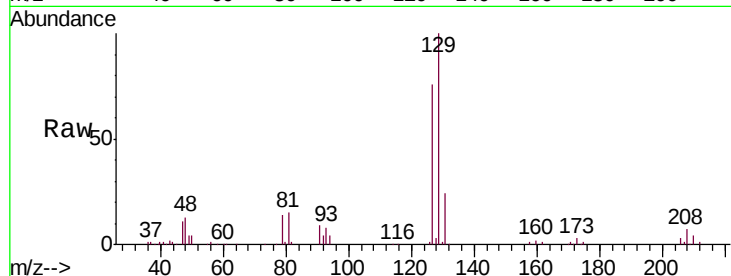
VN0727WBSD01

Tot Ion:129 Resp: 167357

Ion Ratio Lower Upper

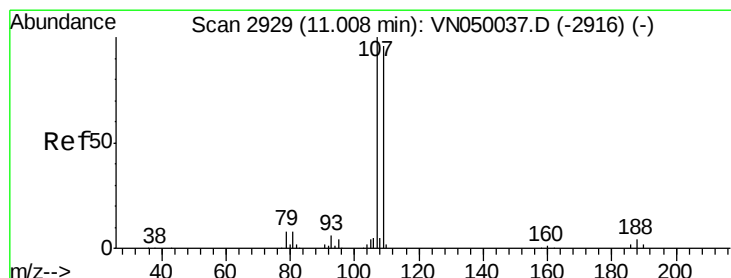
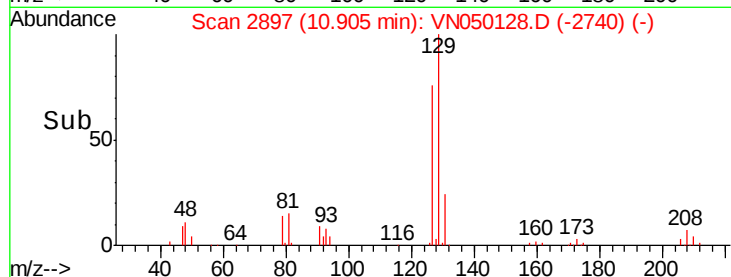
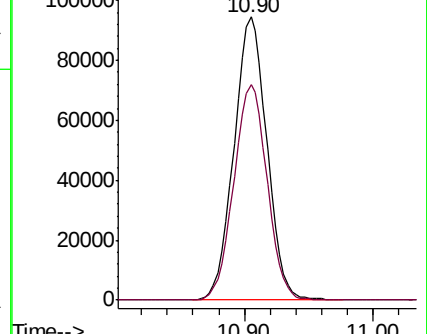
129 100

127 77.1 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.39 ug/l

RT: 11.01 min Scan# 2930

Delta R.T. 0.00 min

Lab File: VN050128.D

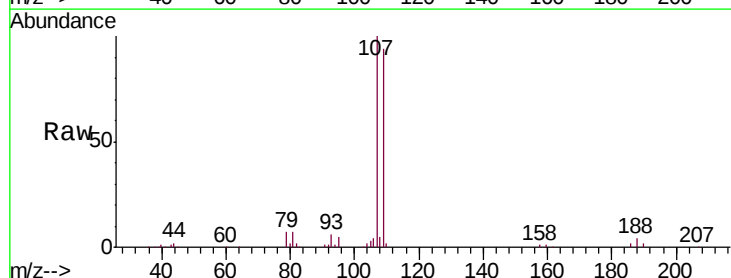
Acq: 27 Jul 2018 13:15

Tgt Ion:107 Resp: 150354

Ion Ratio Lower Upper

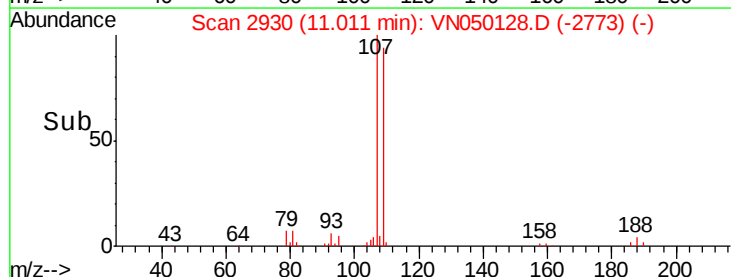
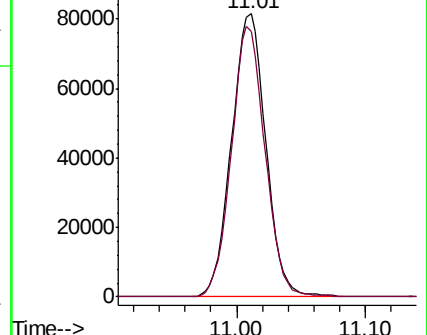
107 100

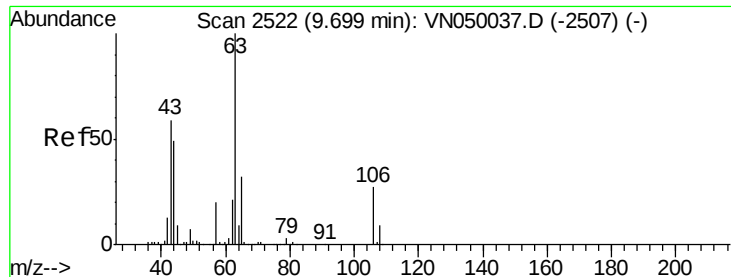
109 93.7 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

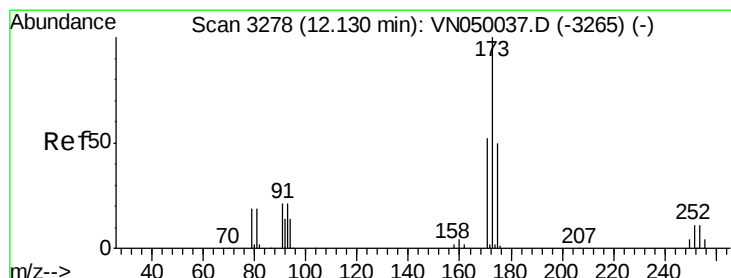
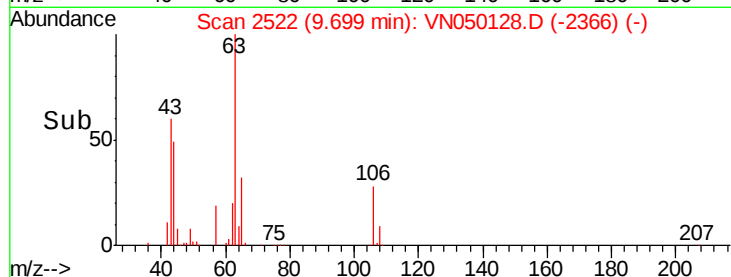
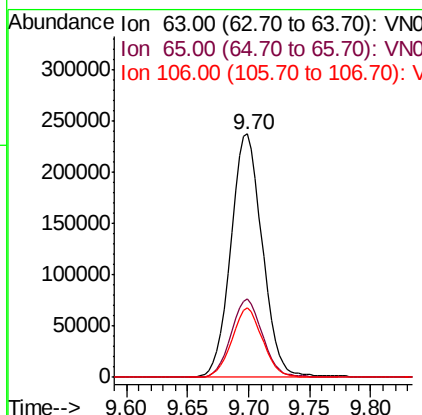
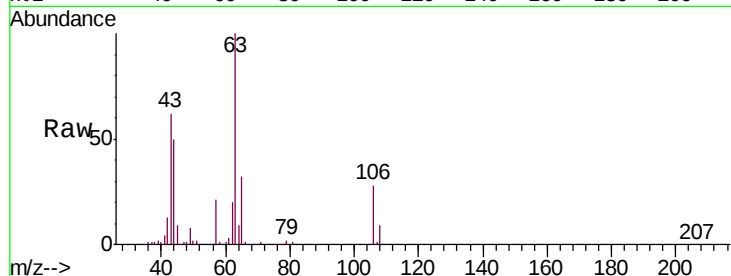




#55
2-Chloroethyl vinyl ether
Concen: 93.48 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

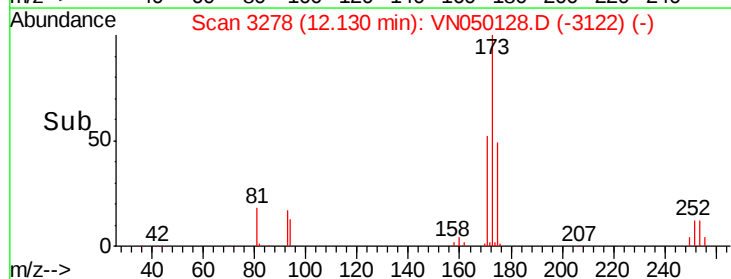
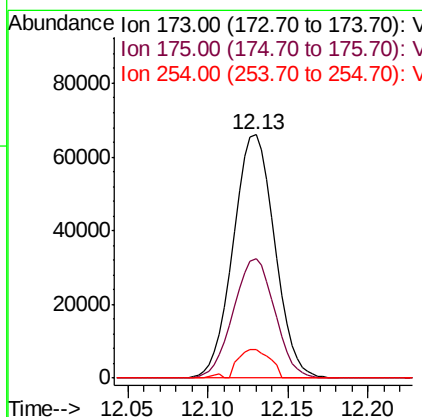
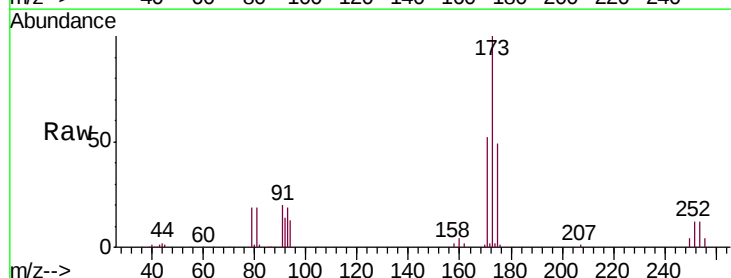
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

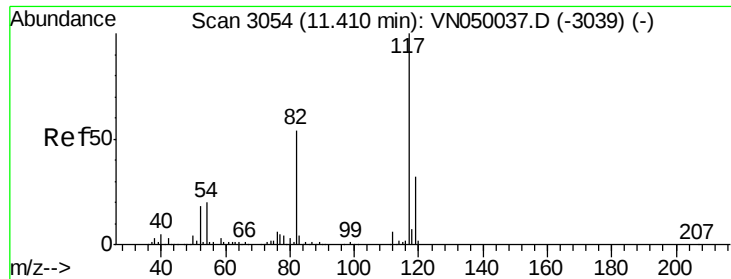
Tot Ion: 63 Resp: 428679
Ion Ratio Lower Upper
63 100
65 32.1 25.5 38.3
106 27.9 21.8 32.6



#56
Bromoform
Concen: 17.46 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 173 Resp: 116799
Ion Ratio Lower Upper
173 100
175 48.9 38.6 57.8
254 8.9 8.8 13.2

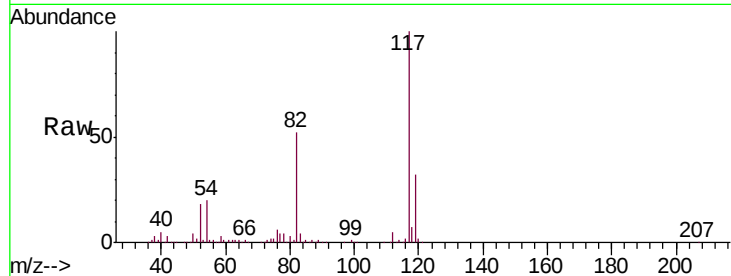




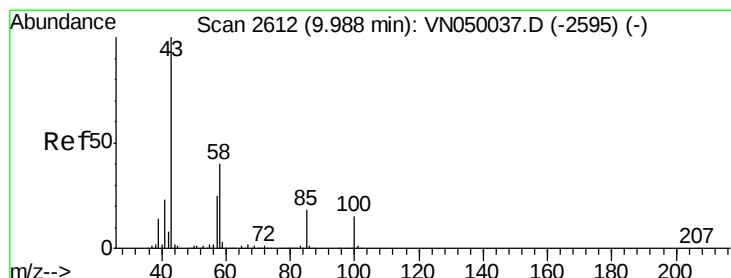
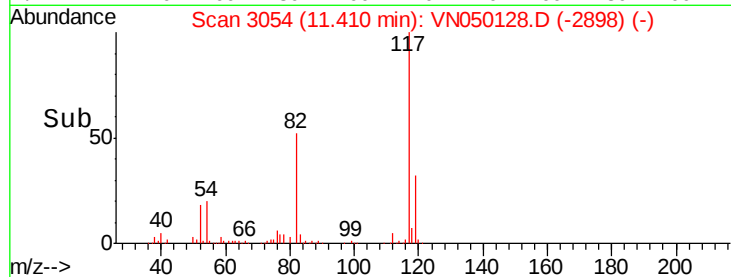
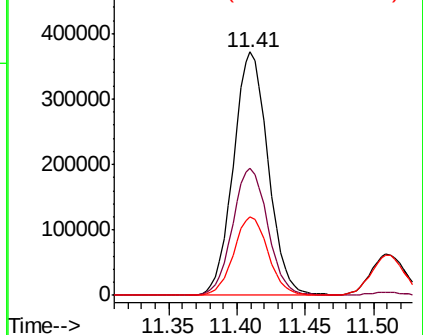
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.4	63.6
119	32.0	25.4	38.0

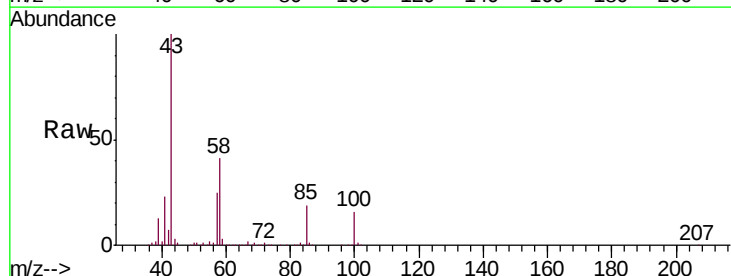


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

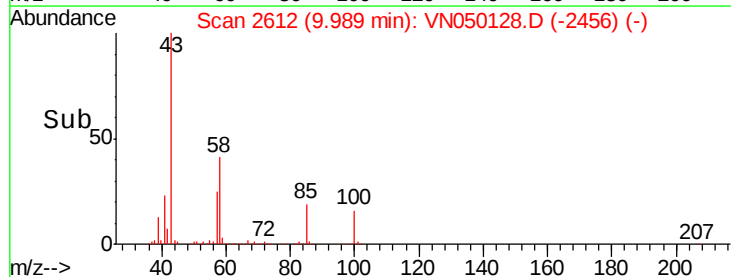
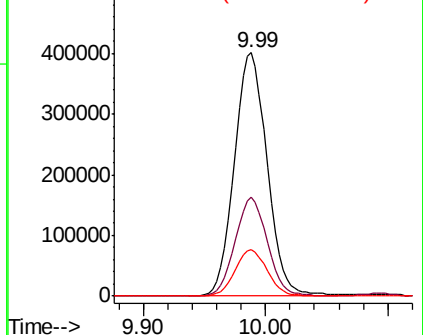


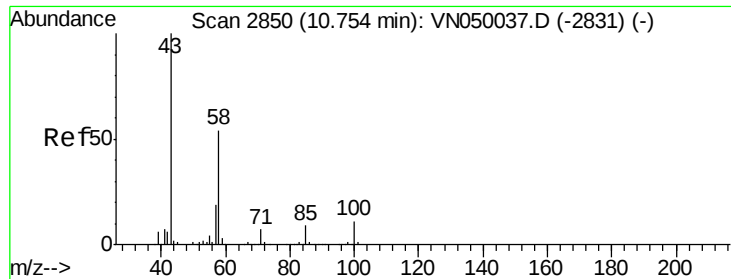
#58
4-Methyl-2-Pentanone
Concen: 97.13 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.2	46.8
85	18.7	14.4	21.6



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V

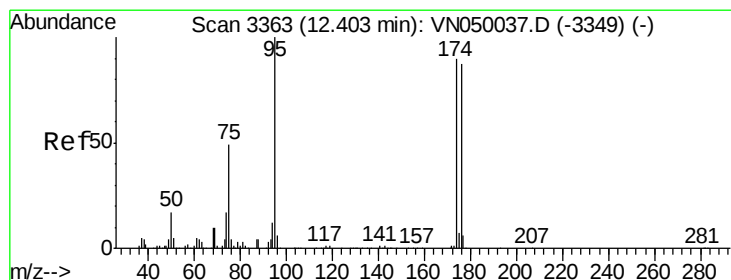
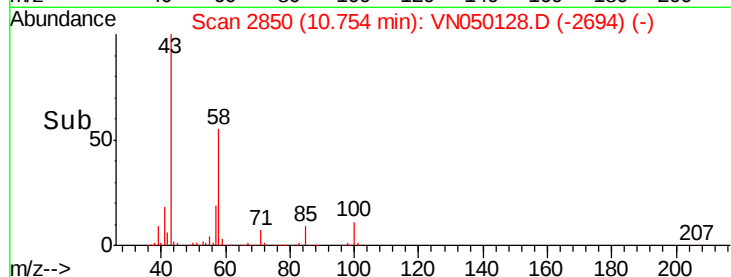
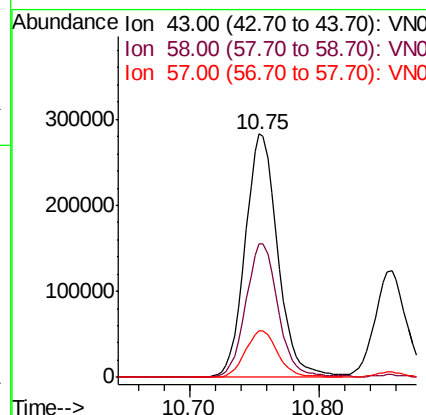
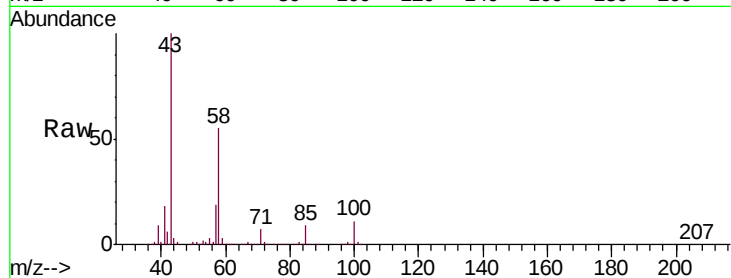




#59
2-Hexanone
Concen: 94.74 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

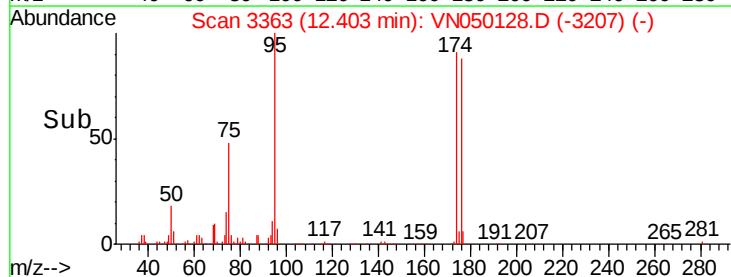
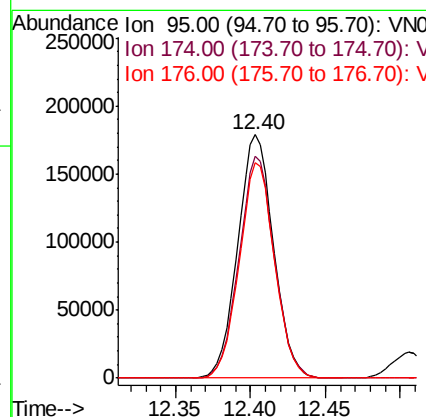
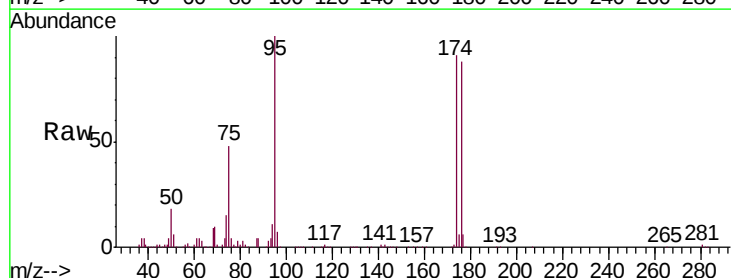
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

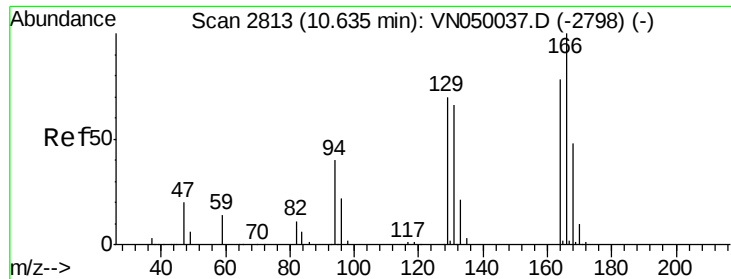
Tot Ion	43	Resp	495389
Ion Ratio	Lower	Upper	
43	100		
58	55.2	43.8	65.8
57	19.5	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.41 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion	95	Resp	297647
Ion Ratio	Lower	Upper	
95	100		
174	90.1	72.3	108.5
176	87.4	70.0	105.0

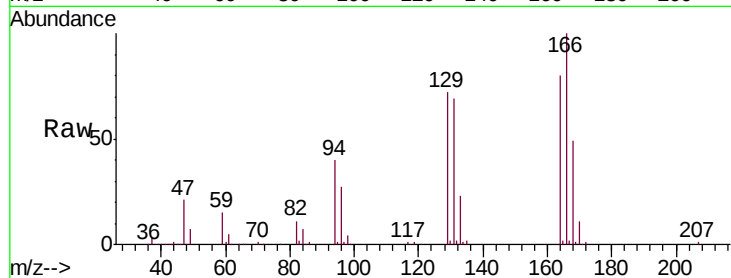




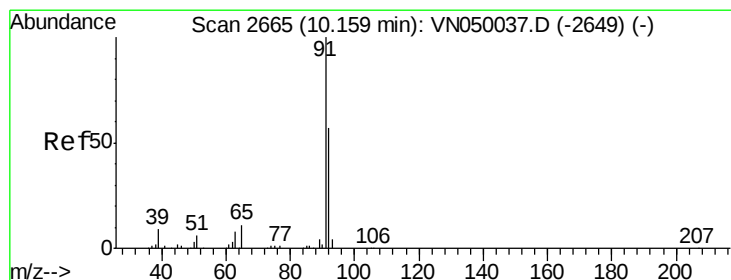
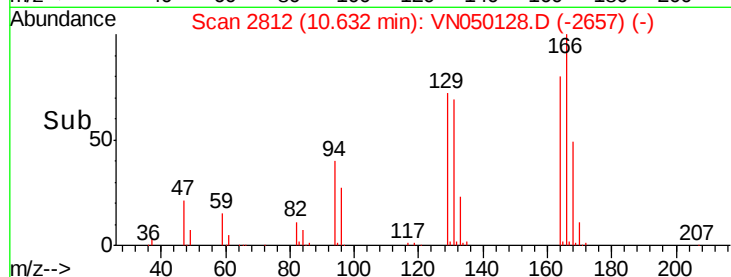
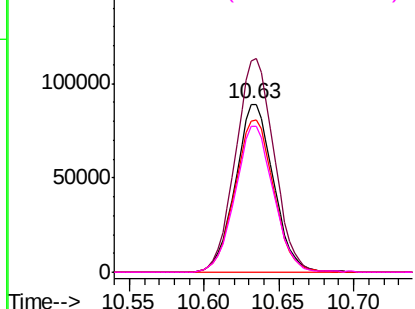
#61
Tetrachloroethene
Concen: 17.66 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

Tot Ion:164 Resp: 157546
Ion Ratio Lower Upper
164 100
166 125.6 100.0 150.0
129 90.3 69.3 103.9
131 86.8 68.8 103.2

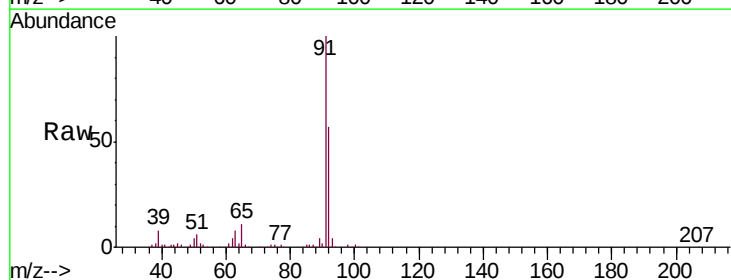


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

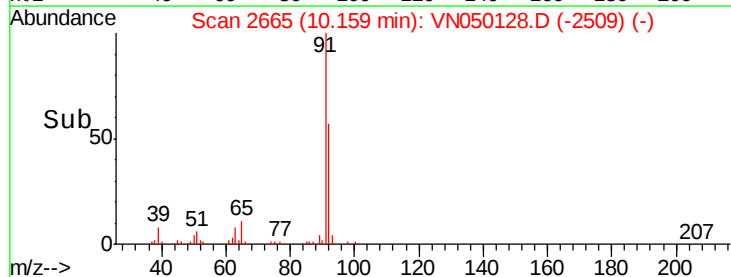
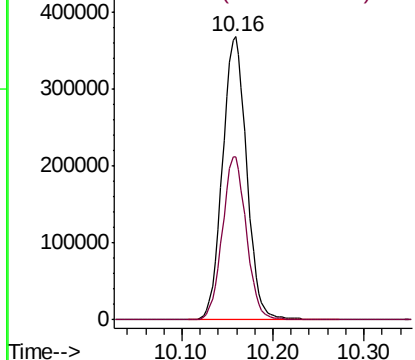


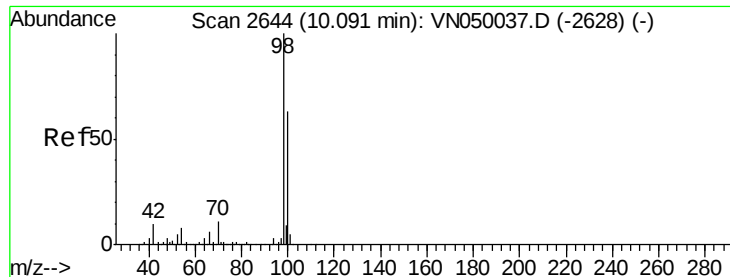
#62
Toluene
Concen: 18.10 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 91 Resp: 680333
Ion Ratio Lower Upper
91 100
92 57.1 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: 29.15 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

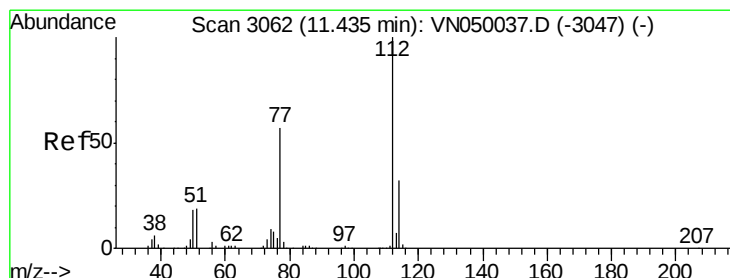
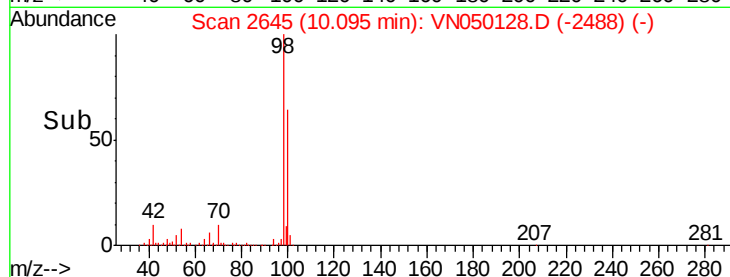
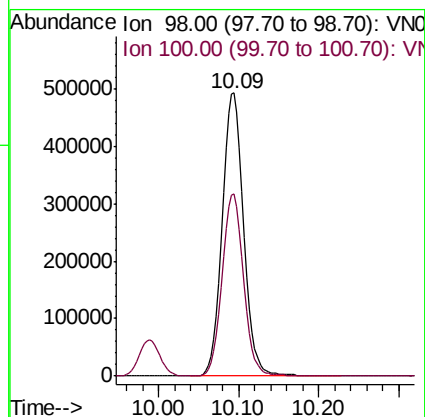
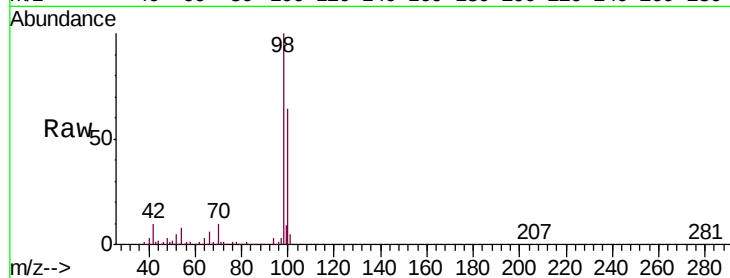
VN0727WBSD01

Tot Ion: 98 Resp: 917057

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#64

Chlorobenzene

Concen: 18.39 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN050128.D

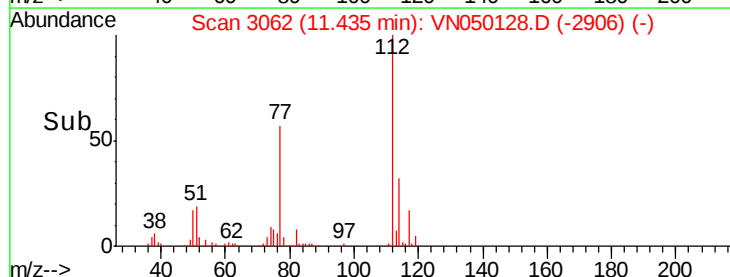
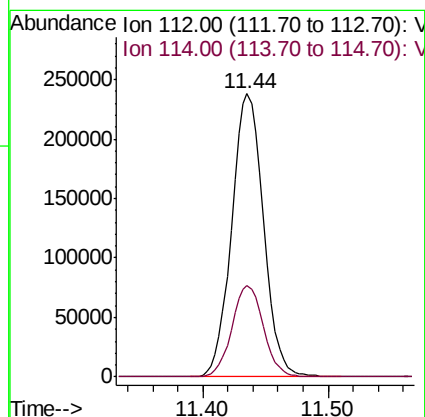
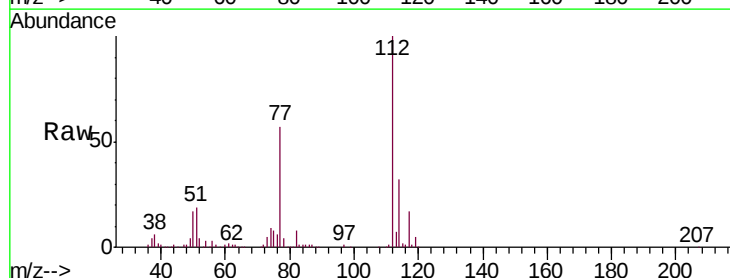
Acq: 27 Jul 2018 13:15

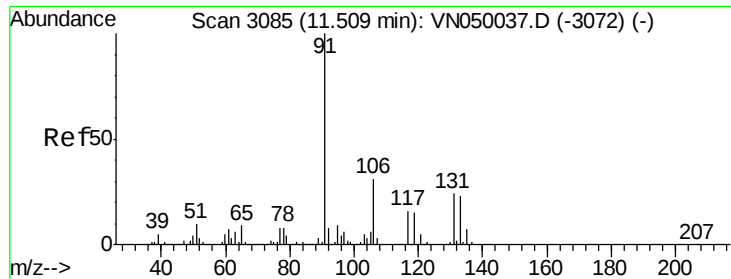
Tgt Ion: 112 Resp: 419034

Ion Ratio Lower Upper

112 100

114 32.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 17.99 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

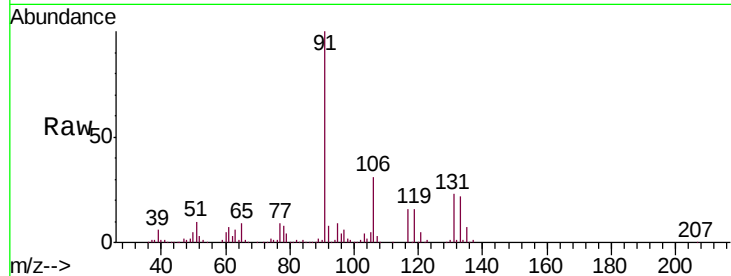
Tot Ion:131 Resp: 159886

Ion Ratio Lower Upper

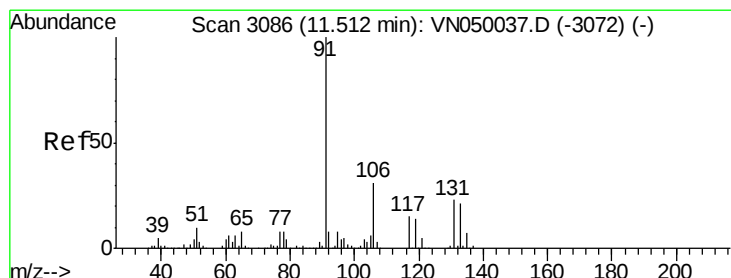
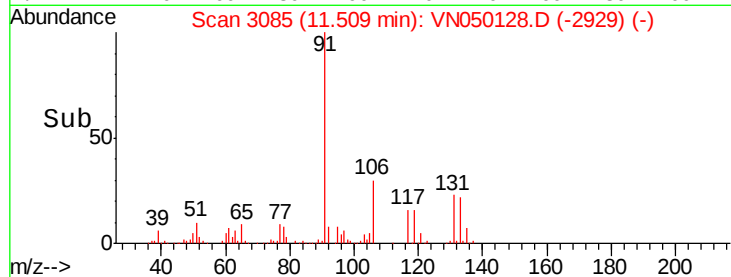
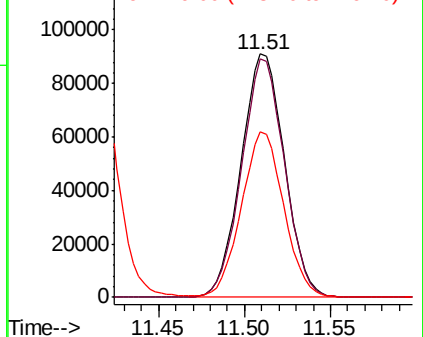
131 100

133 96.3 0.0 190.0

119 66.4 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: 18.39 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050128.D

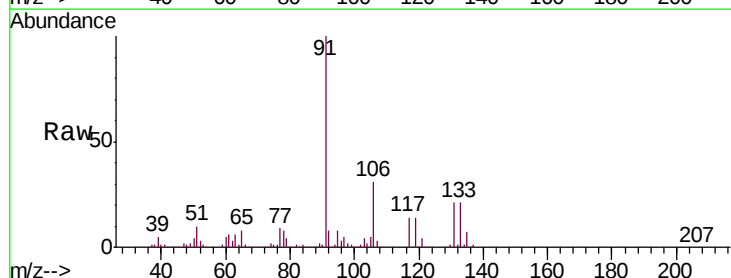
Acq: 27 Jul 2018 13:15

Tgt Ion: 91 Resp: 706251

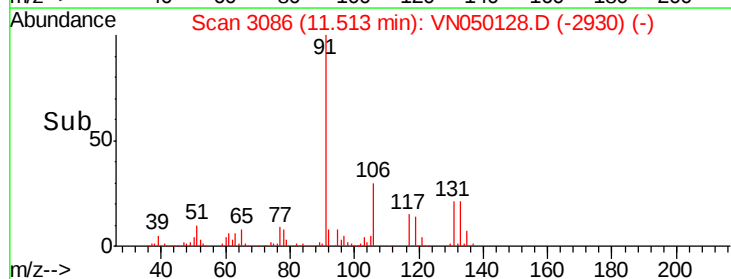
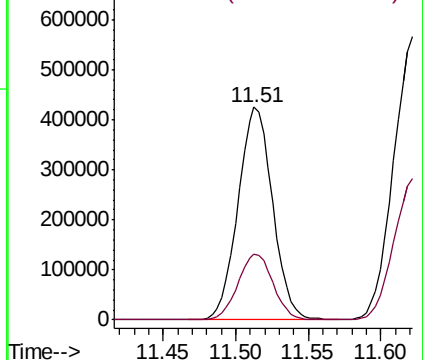
Ion Ratio Lower Upper

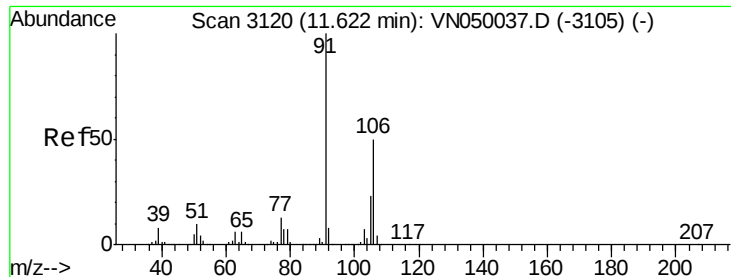
91 100

106 31.0 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-Xvlenes

Concen: 37.25 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

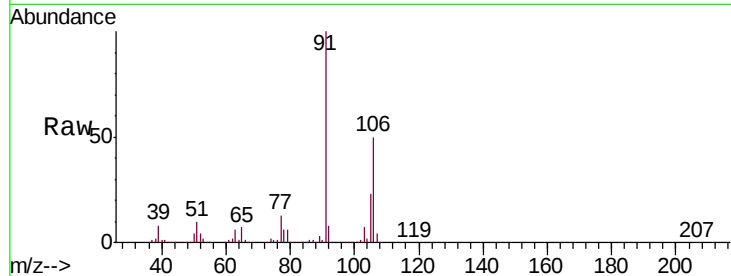
VN0727WBSD01

Tot Ion:106 Resp: 550575

Ion Ratio Lower Upper

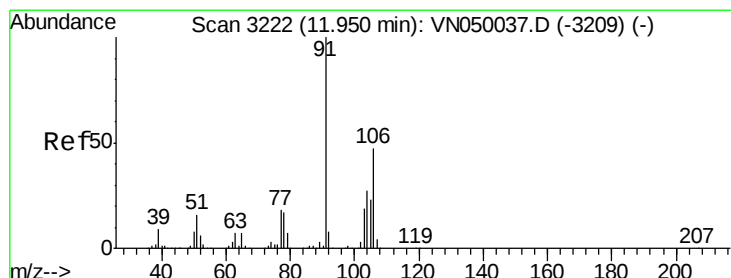
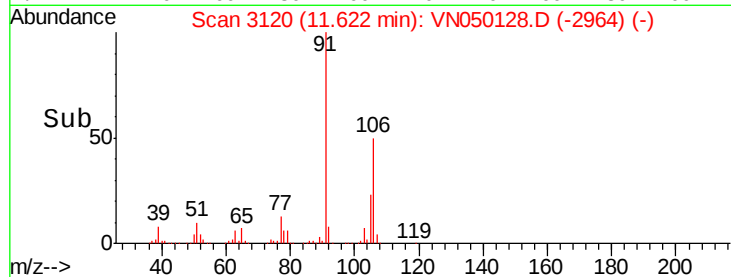
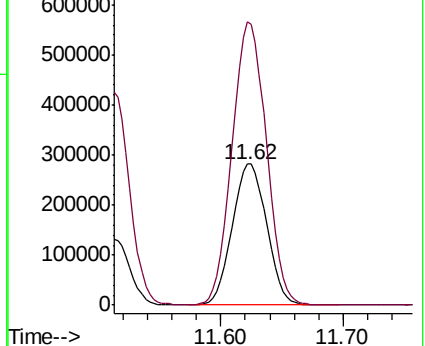
106 100

91 200.7 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.09 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN050128.D

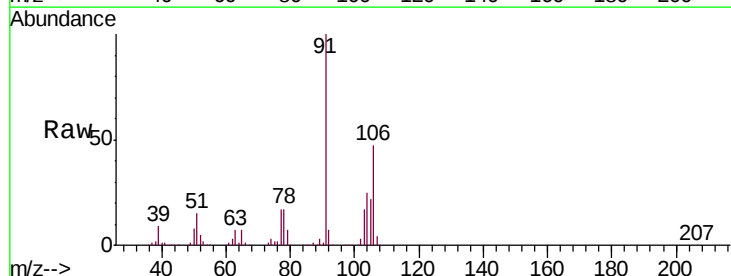
Acq: 27 Jul 2018 13:15

Tgt Ion:106 Resp: 268424

Ion Ratio Lower Upper

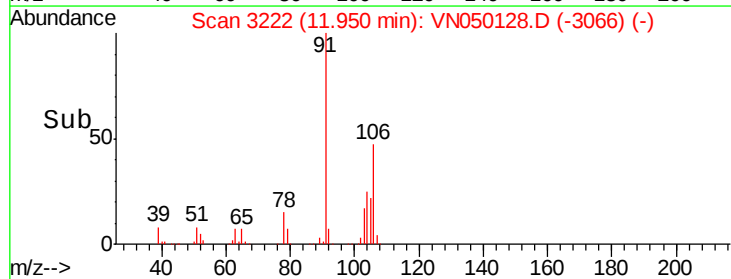
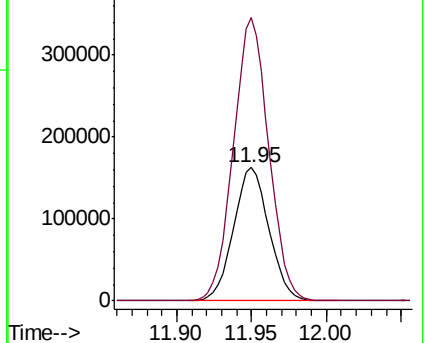
106 100

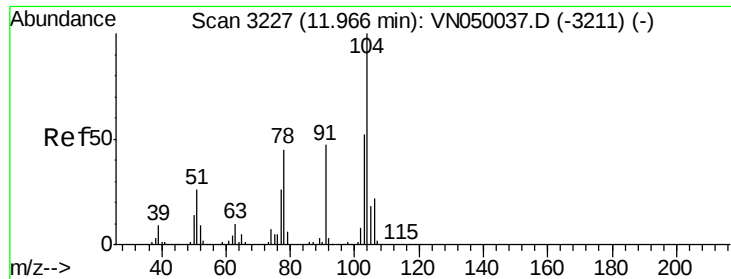
91 211.5 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

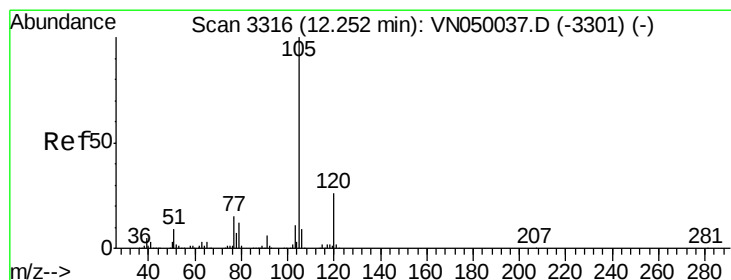
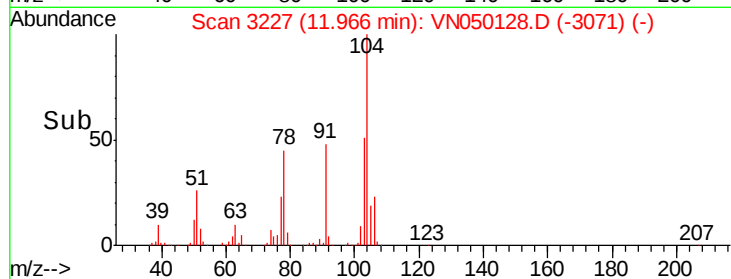
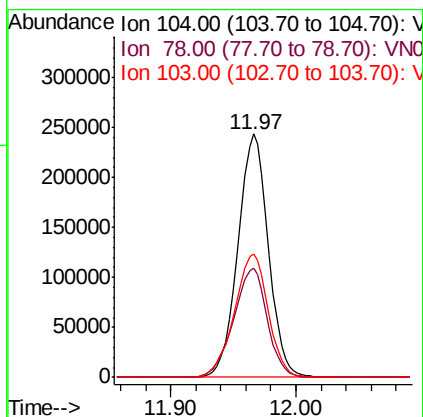
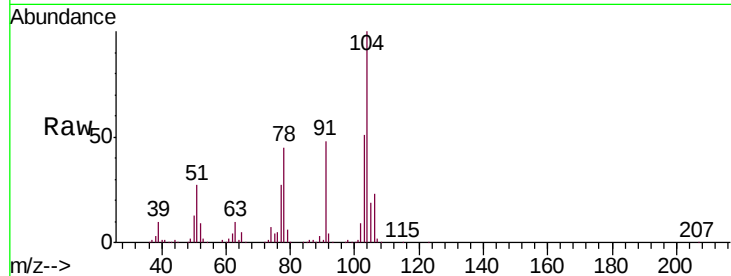




#69
Stvrene
Concen: 18.25 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

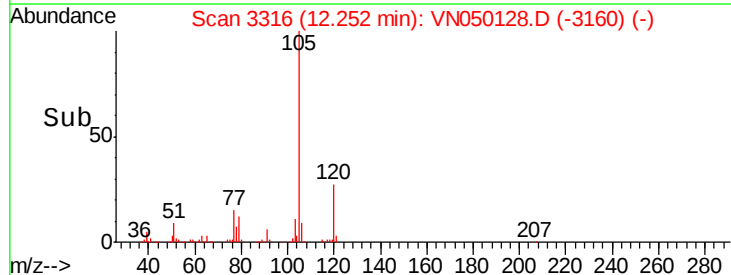
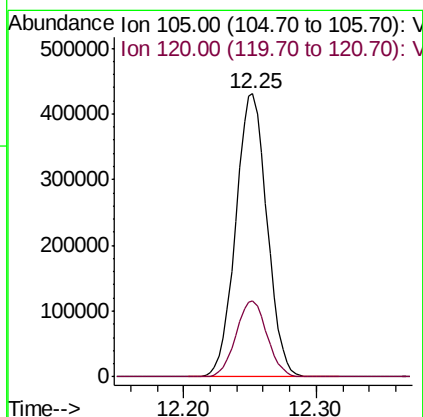
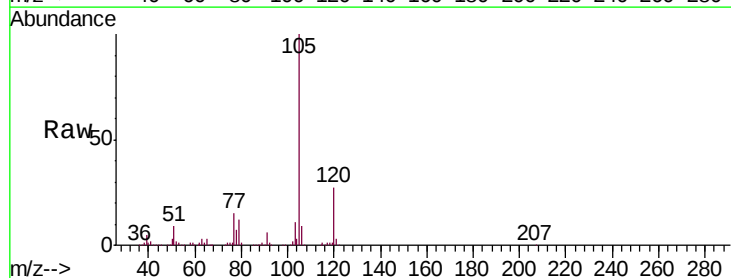
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

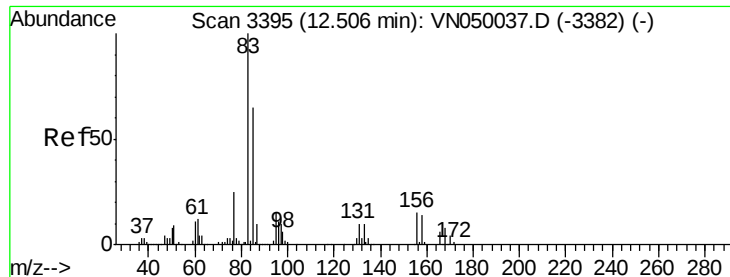
Tot Ion:104 Resp: 411423
Ion Ratio Lower Upper
104 100
78 49.4 39.3 58.9
103 56.0 44.5 66.7



#70
Isopropylbenzene
Concen: 18.81 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion:105 Resp: 704343
Ion Ratio Lower Upper
105 100
120 26.7 18.9 35.1





#71

1,1,2,2-Tetrachloroethane

Concen: 19.18 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

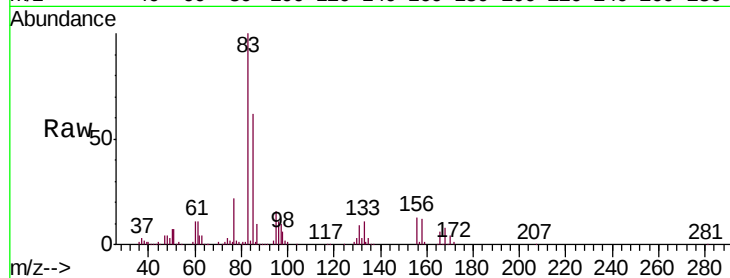
Tot Ion: 83 Resp: 197175

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

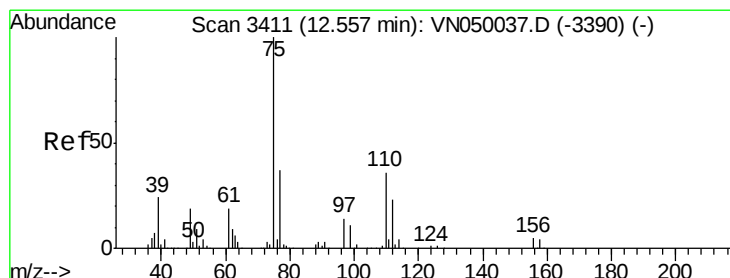
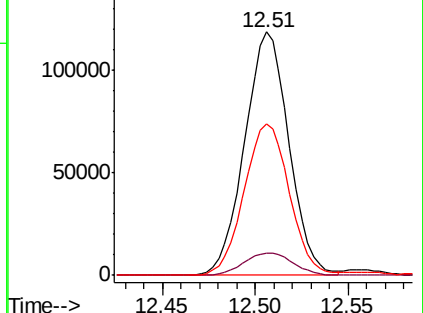
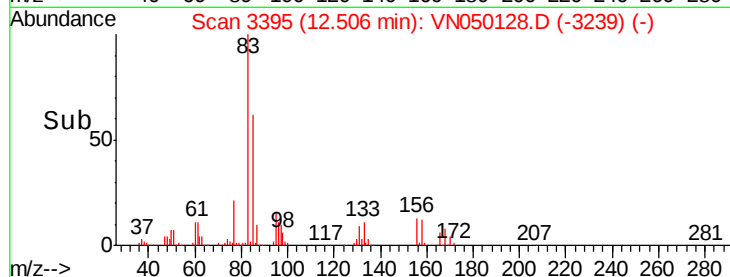
85 63.6 31.7 95.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 26.25 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050128.D

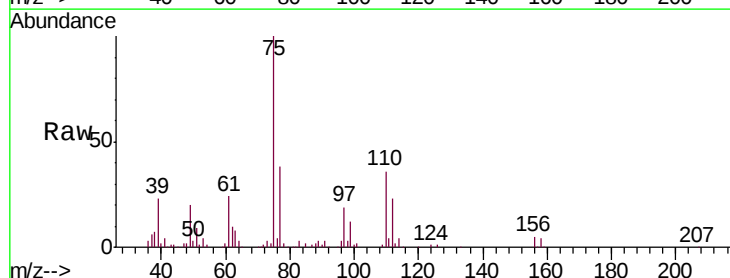
Acq: 27 Jul 2018 13:15

Tgt Ion: 75 Resp: 230525

Ion Ratio Lower Upper

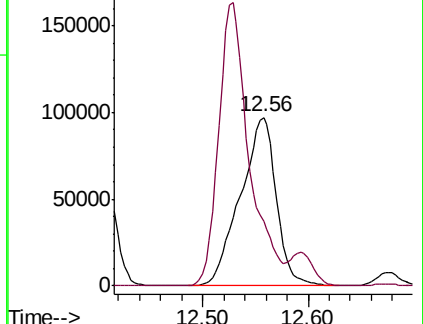
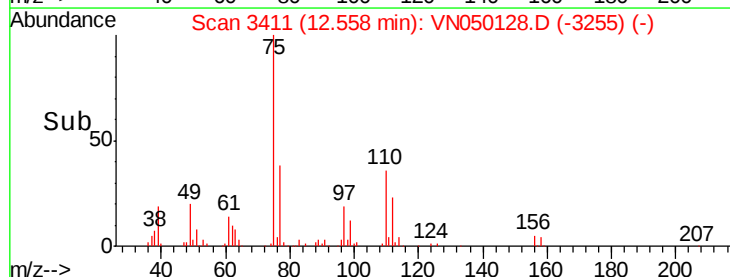
75 100

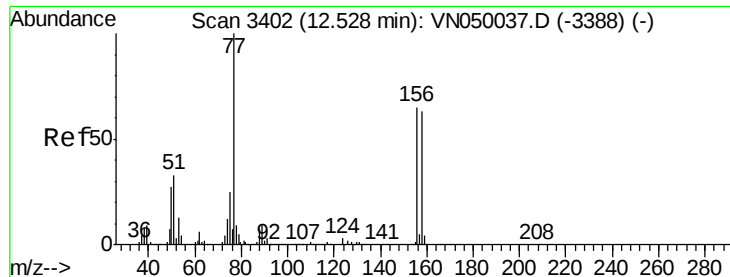
77 141.8 0.0 454.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 18.20 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

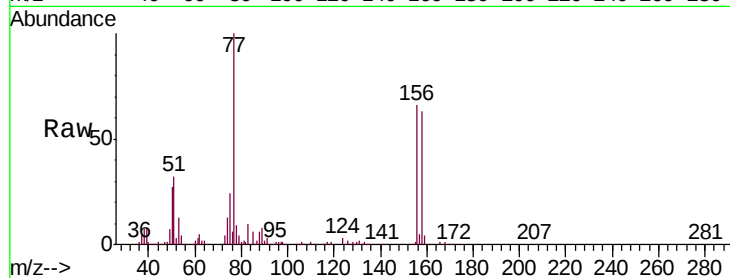
Tot Ion:156 Resp: 181534

Ion Ratio Lower Upper

156 100

77 180.0 0.0 359.8

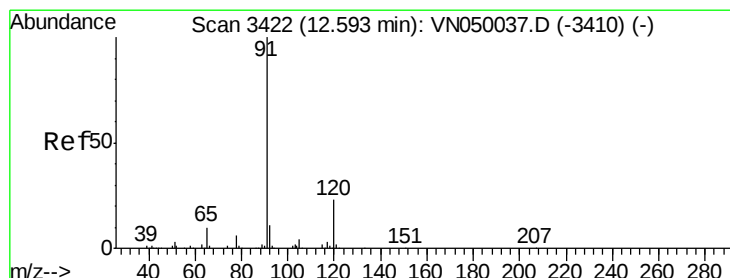
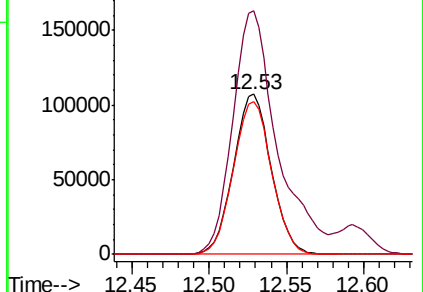
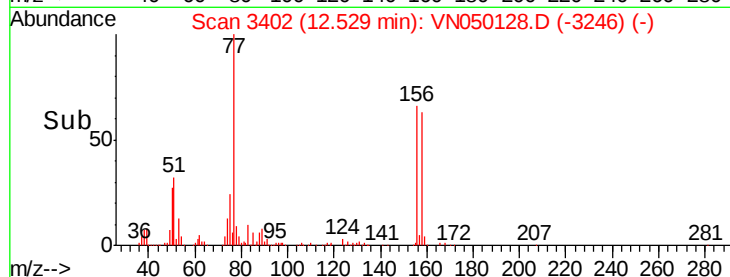
158 97.0 0.0 192.8



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: 18.11 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050128.D

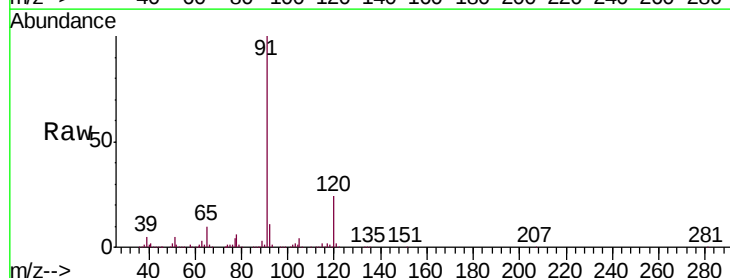
Acq: 27 Jul 2018 13:15

Tgt Ion: 91 Resp: 789978

Ion Ratio Lower Upper

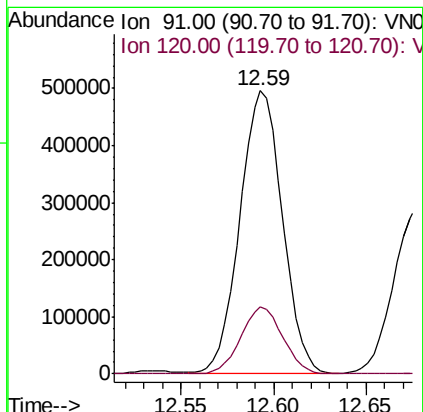
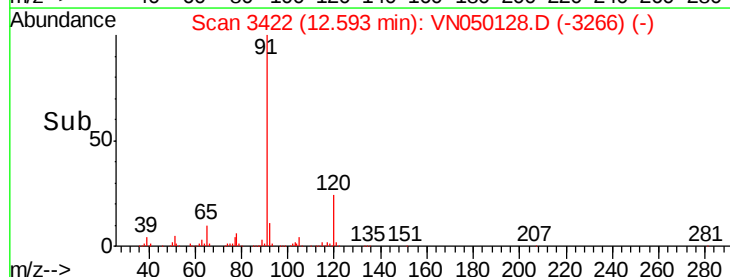
91 100

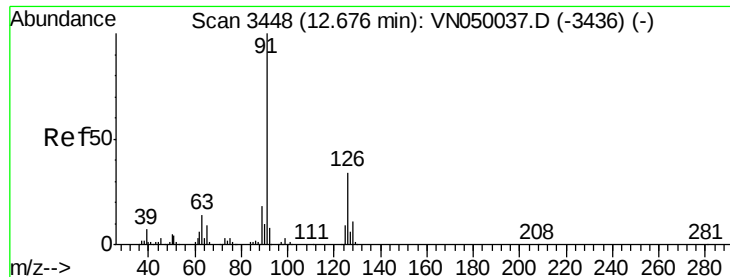
120 23.3 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.43 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

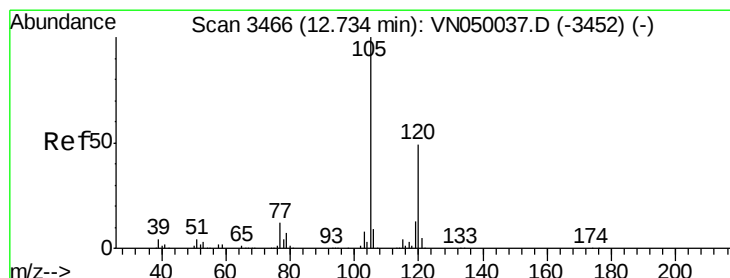
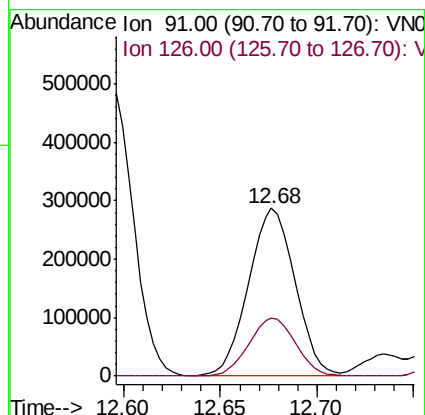
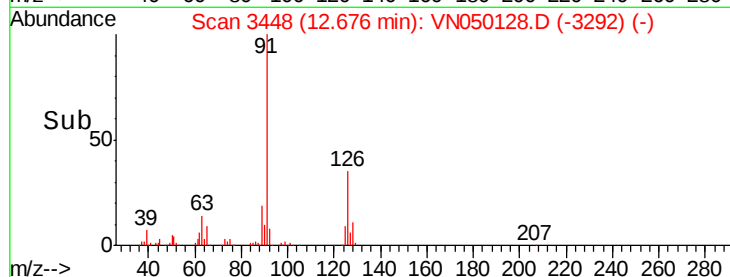
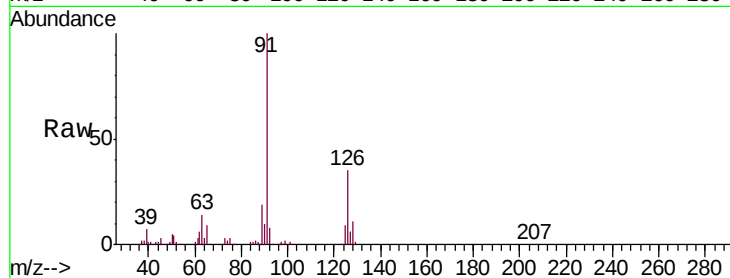
VN0727WBSD01

Tot Ion: 91 Resp: 482945

Ion Ratio Lower Upper

91 100

126 34.6 0.0 68.6



#76

1,3,5-Trimethylbenzene

Concen: 18.87 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050128.D

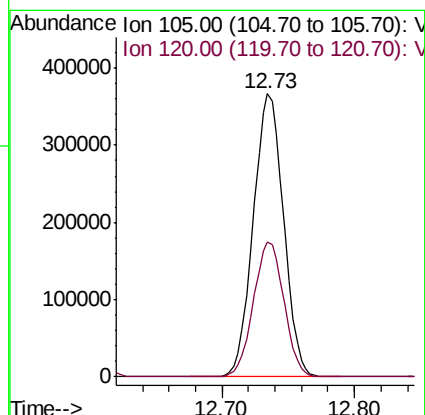
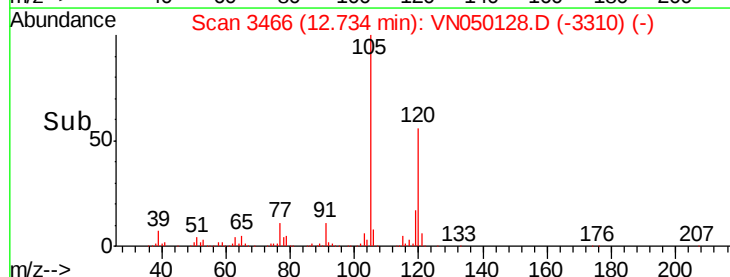
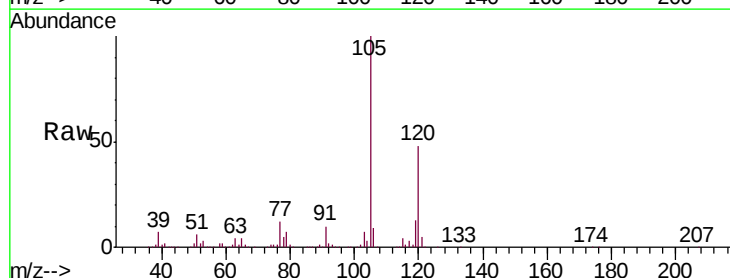
Acq: 27 Jul 2018 13:15

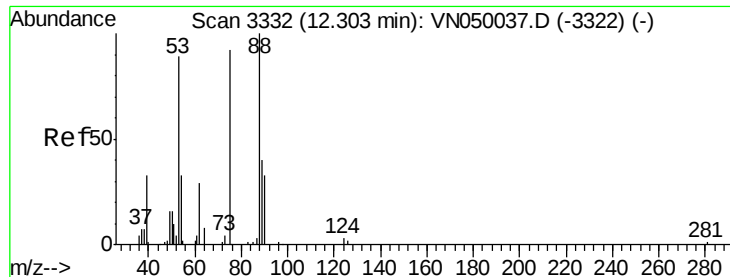
Tgt Ion: 105 Resp: 580373

Ion Ratio Lower Upper

105 100

120 48.2 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 16.69 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

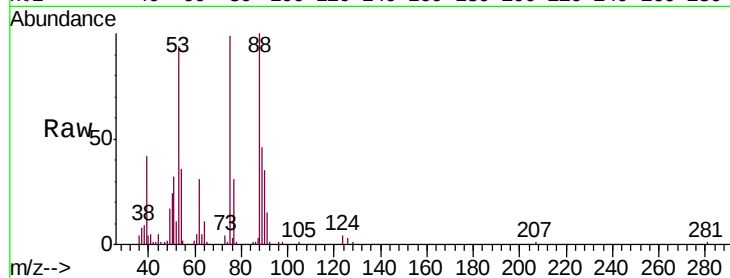
Tot Ion: 75 Resp: 47928

Ion Ratio Lower Upper

75 100

53 94.3 44.6 134.0

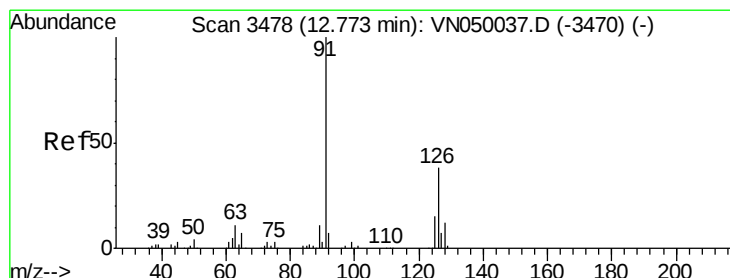
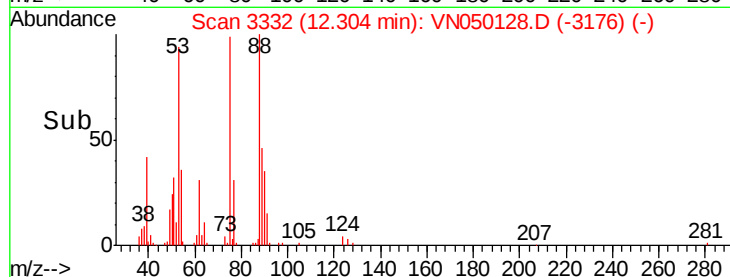
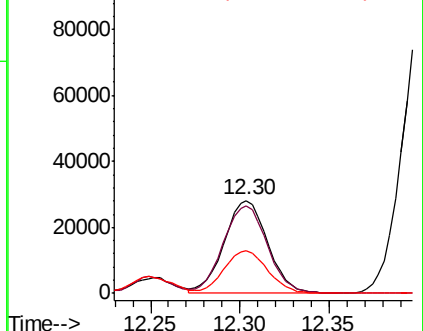
89 45.9 20.7 62.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 18.15 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050128.D

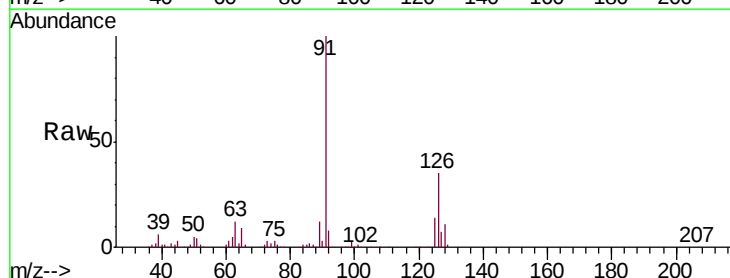
Acq: 27 Jul 2018 13:15

Tgt Ion: 91 Resp: 471217

Ion Ratio Lower Upper

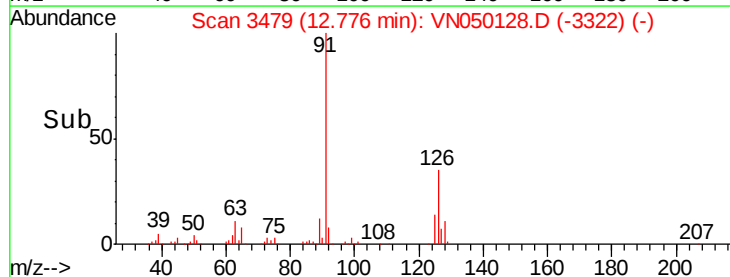
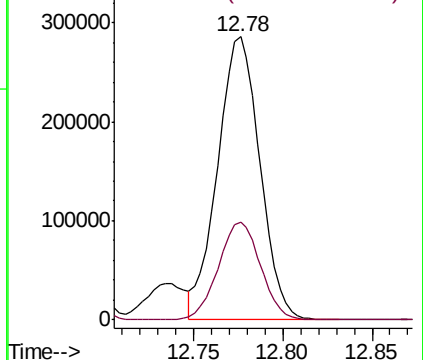
91 100

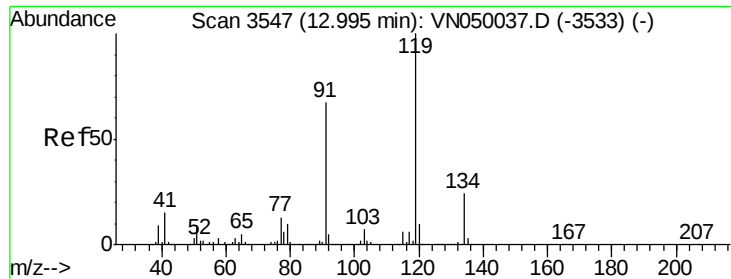
126 34.4 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

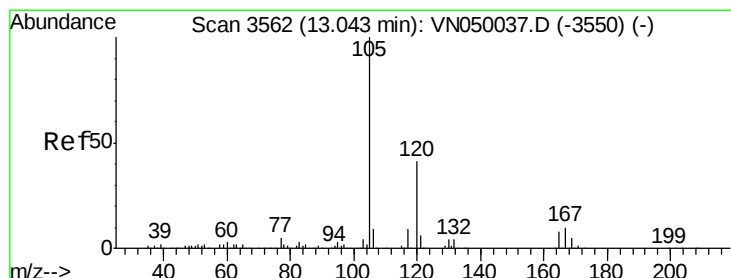
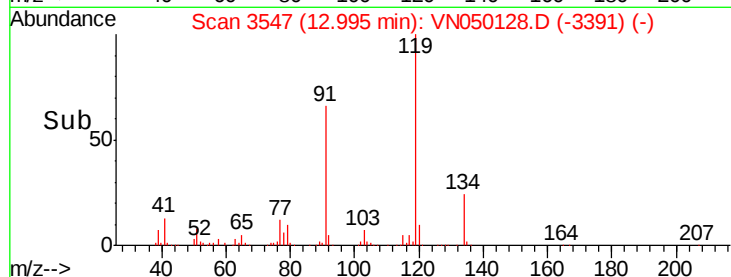
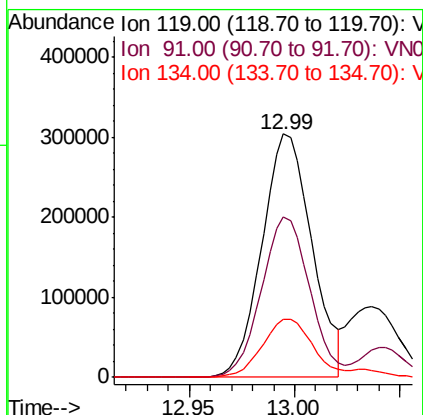
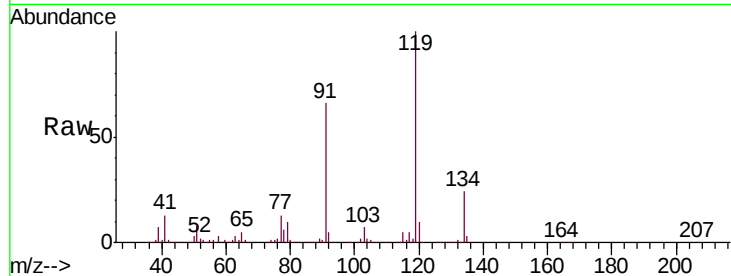




#79
tert-butylbenzene
Concen: 19.12 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

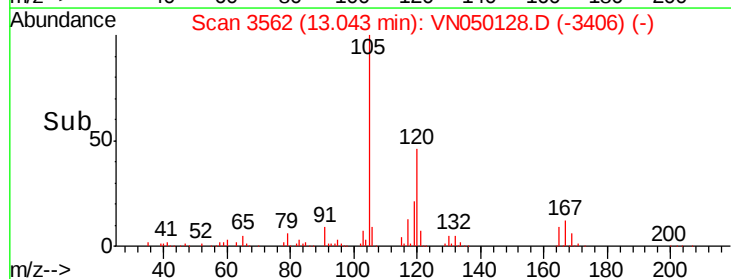
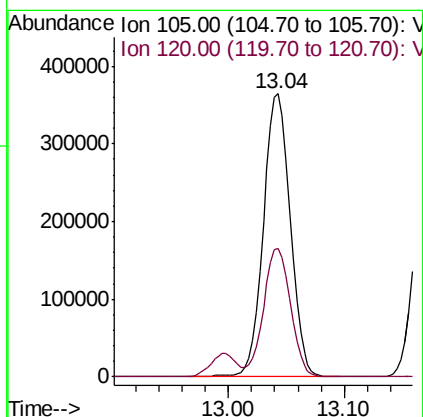
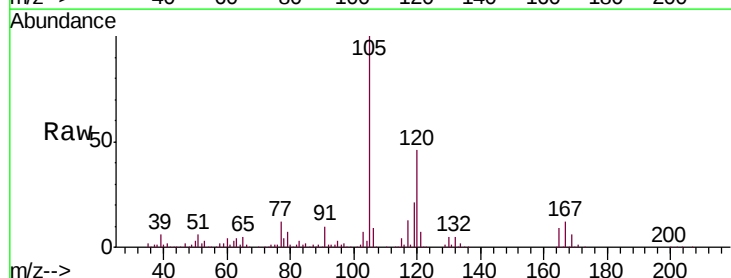
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

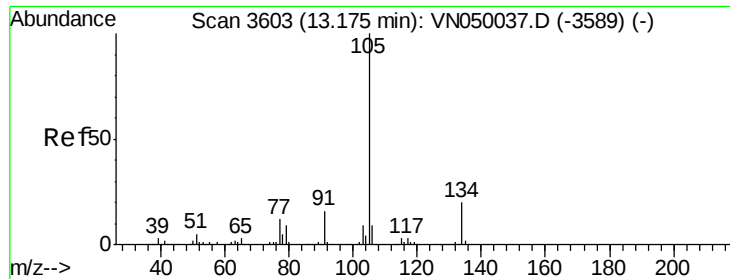
Tot Ion:119 Resp: 502896
Ion Ratio Lower Upper
119 100
91 63.6 0.0 126.8
134 24.2 0.0 47.4



#80
1,2,4-Trimethylbenzene
Concen: 18.85 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion:105 Resp: 587329
Ion Ratio Lower Upper
105 100
120 45.5 0.0 90.6

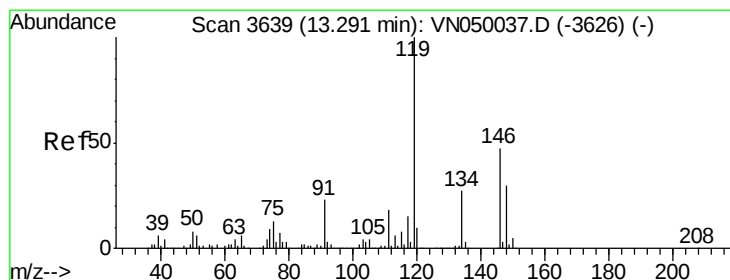
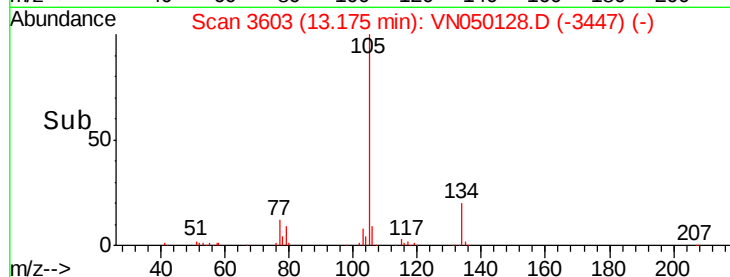
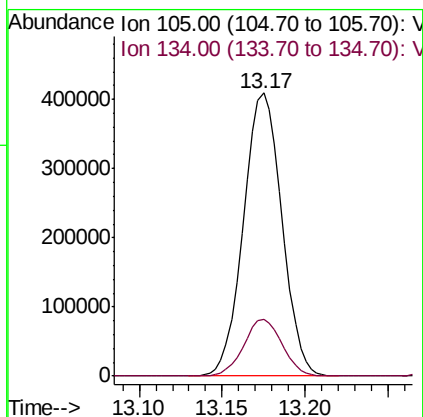
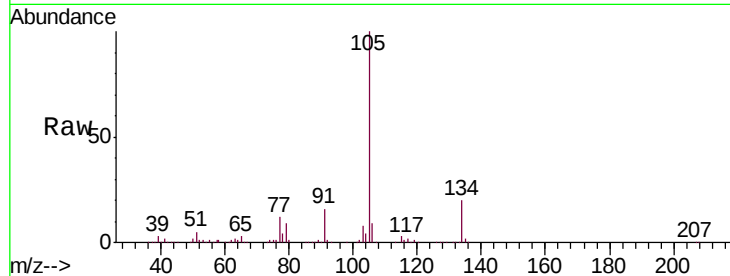




#81
 sec-Butylbenzene
 Concen: 18.40 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

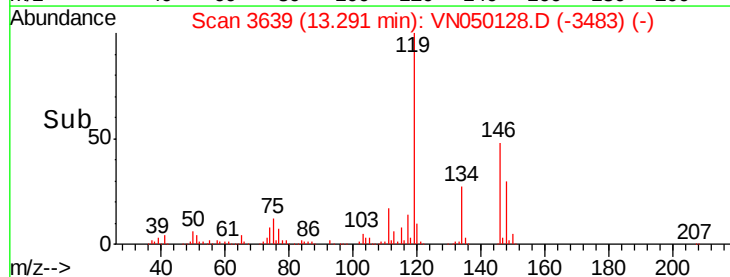
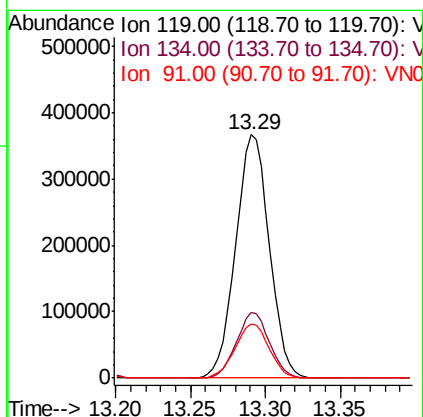
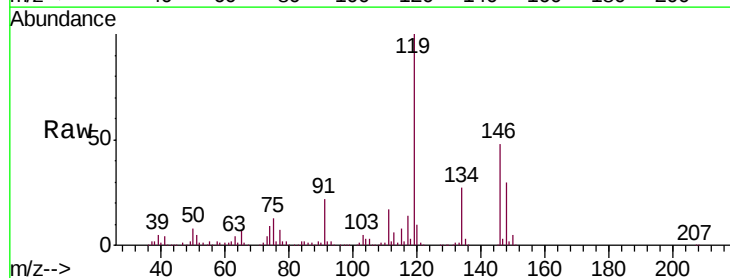
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion:105 Resp: 657494
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 18.79 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion:119 Resp: 572754
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.2
 91 22.5 0.0 45.6

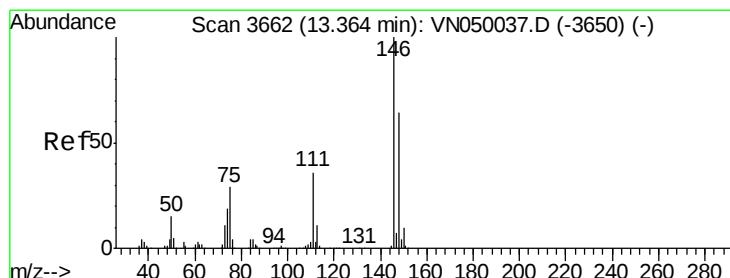
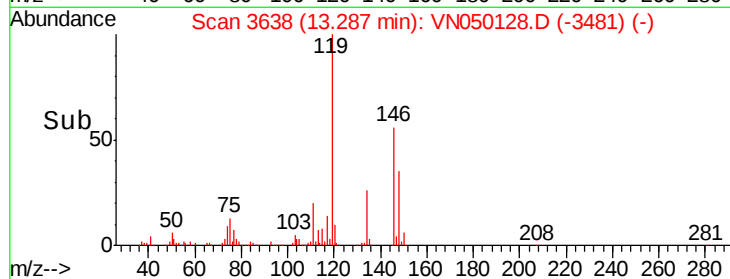
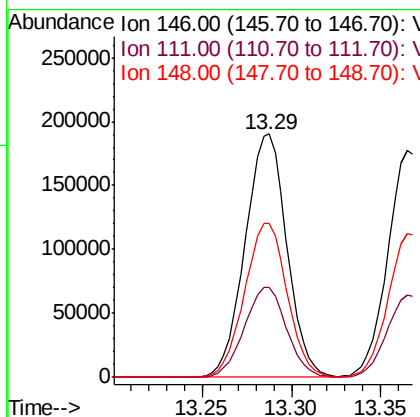
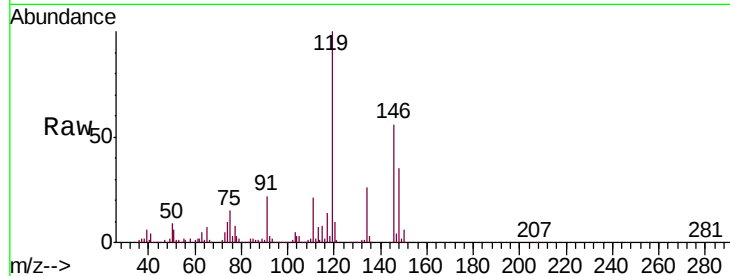




#83
 1,3-Dichlorobenzene
 Concen: 17.90 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

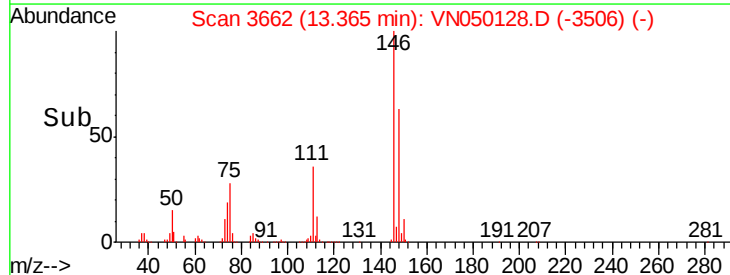
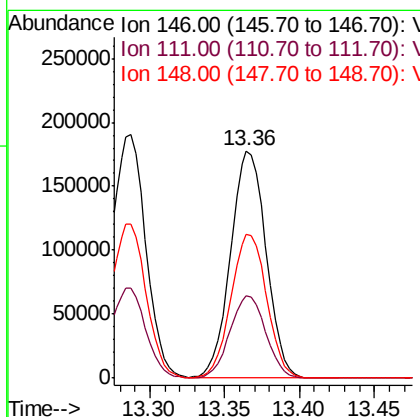
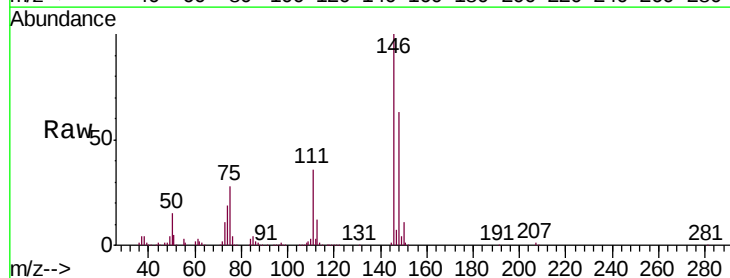
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

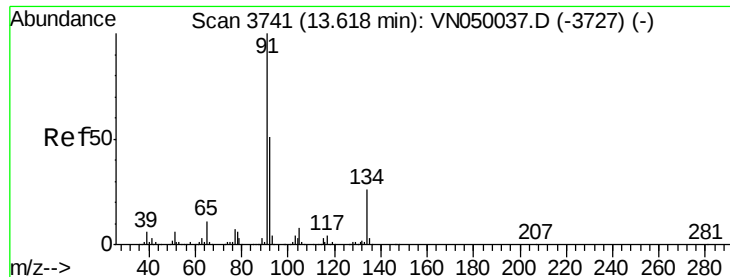
Tot Ion:146 Resp: 310967
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 64.6 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 17.90 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion:146 Resp: 293765
 Ion Ratio Lower Upper
 146 100
 111 36.5 17.9 53.8
 148 63.9 32.4 97.0

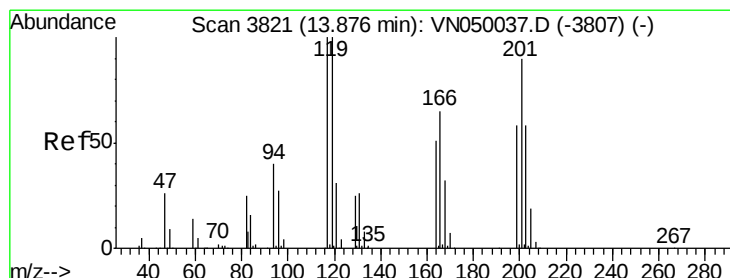
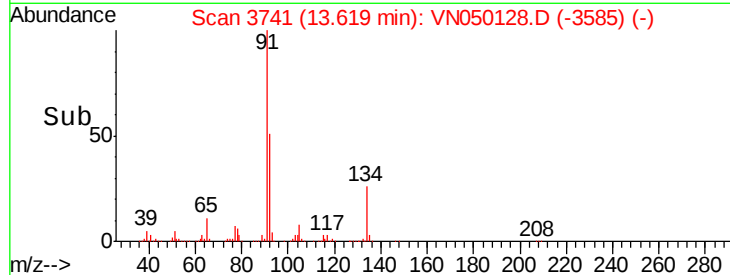
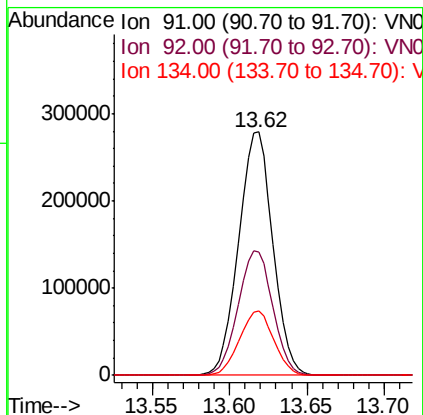
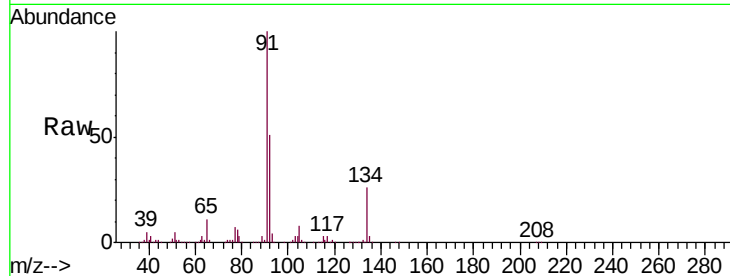




#85
n-Butylbenzene
Concen: 17.37 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

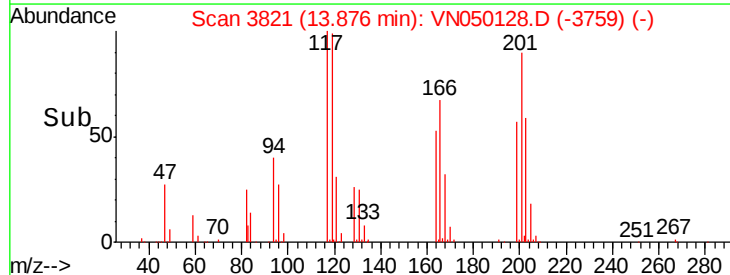
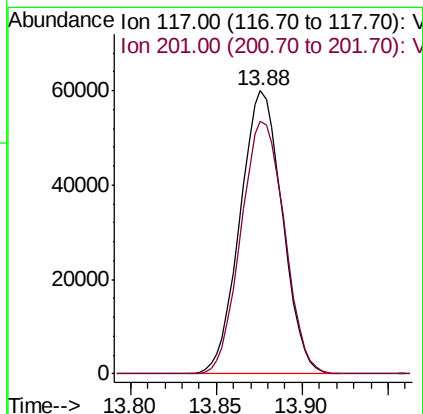
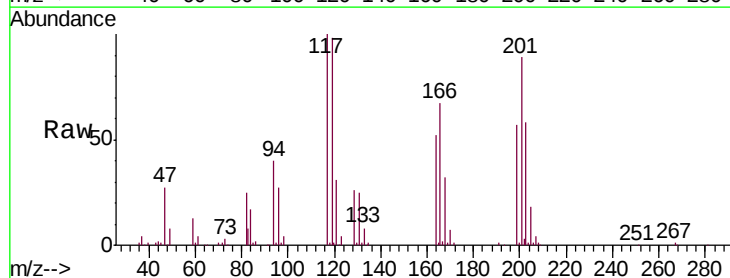
Instrument :
MSVOA_N
ClientSampled :
VN0727WBSD01

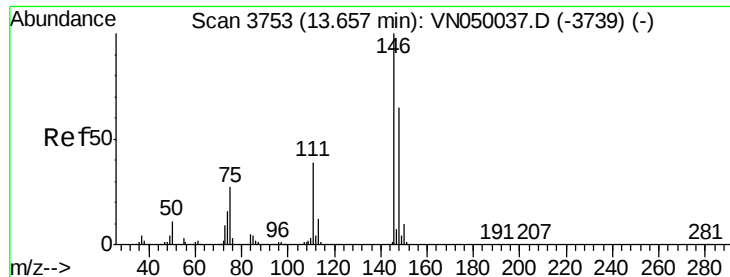
Tot Ion: 91 Resp: 429656
Ion Ratio Lower Upper
91 100
92 52.0 0.0 102.8
134 26.6 0.0 51.0



#86
Hexachloroethane
Concen: 16.82 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050128.D
Acq: 27 Jul 2018 13:15

Tgt Ion: 117 Resp: 102472
Ion Ratio Lower Upper
117 100
201 91.7 46.6 139.7

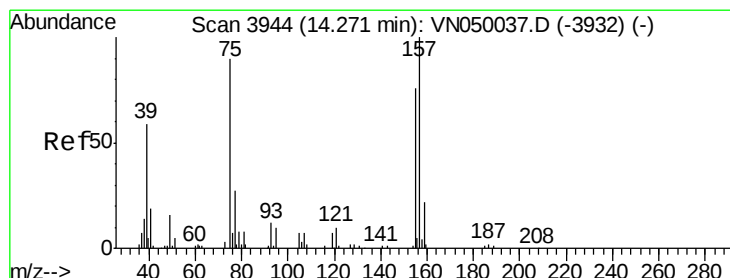
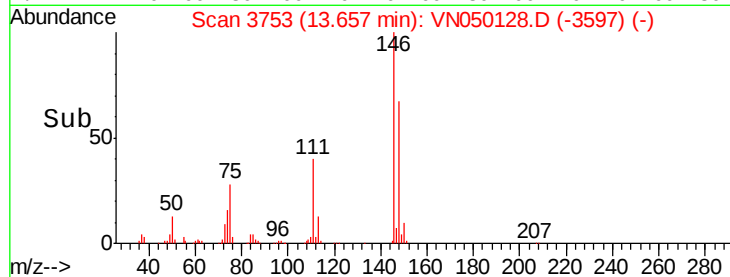
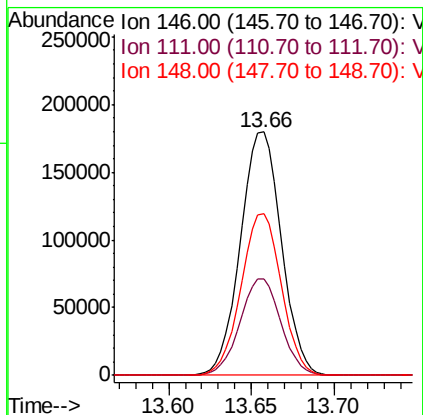
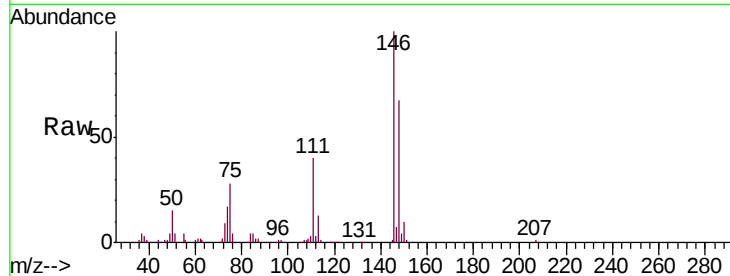




#87
 1,2-Dichlorobenzene
 Concen: 18.15 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

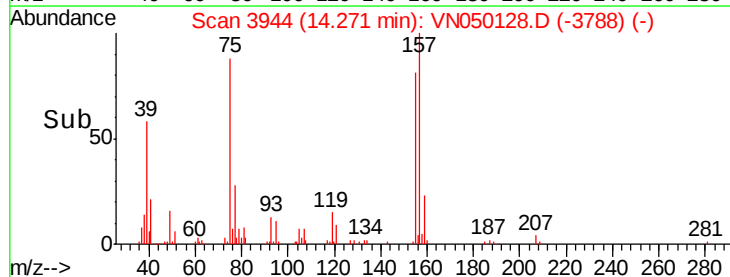
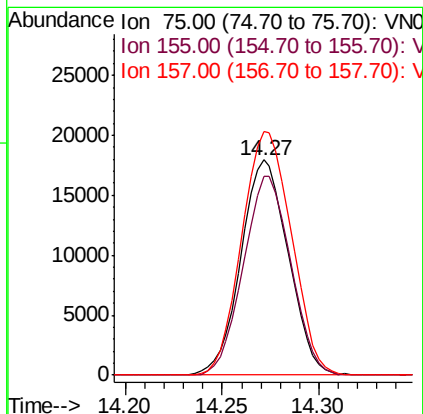
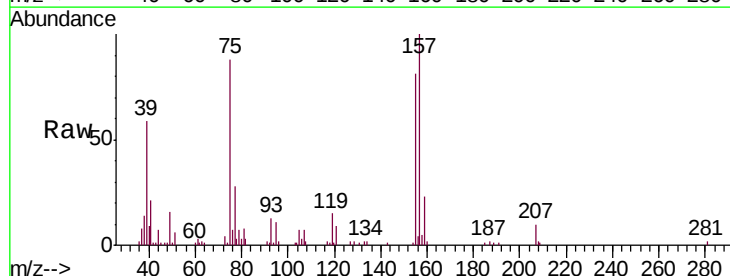
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

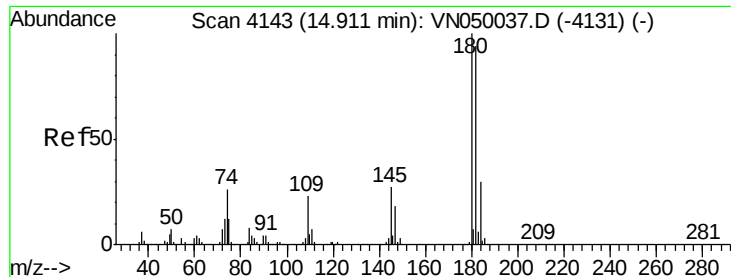
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.3
148	65.5	31.8	95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.10 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	73.0	109.6
157	118.7	94.9	142.3

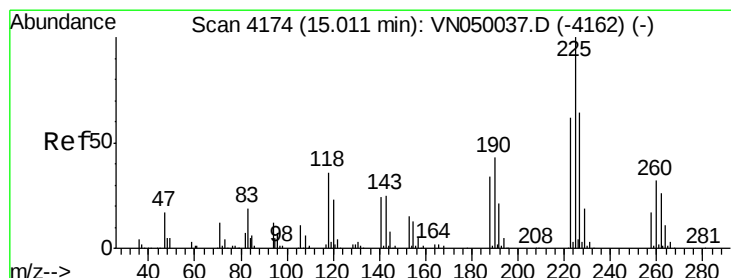
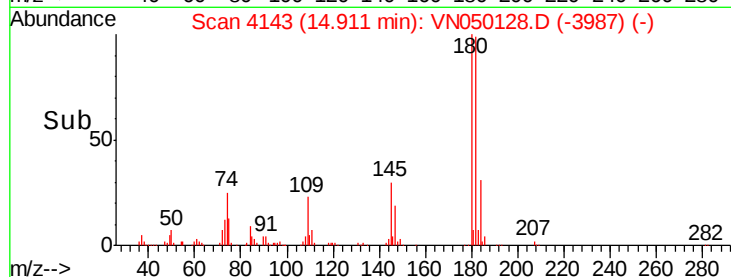
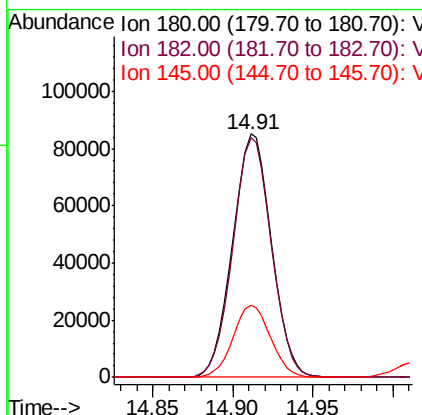
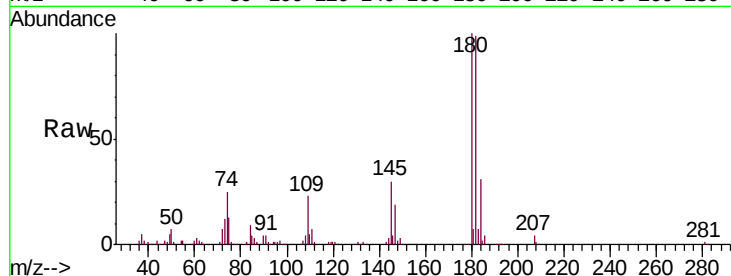




#89
 1,2,4-Trichlorobenzene
 Concen: 17.29 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

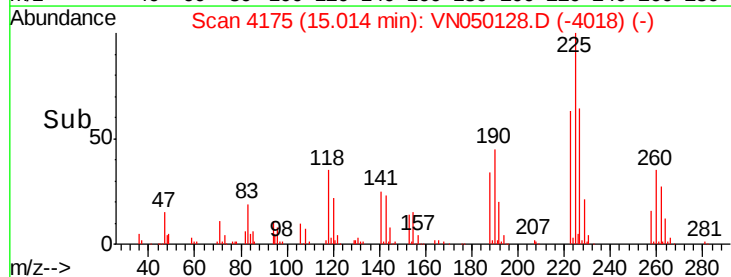
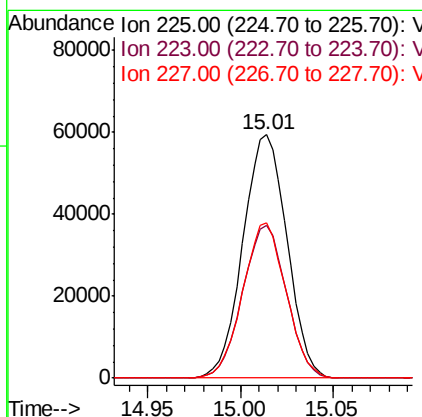
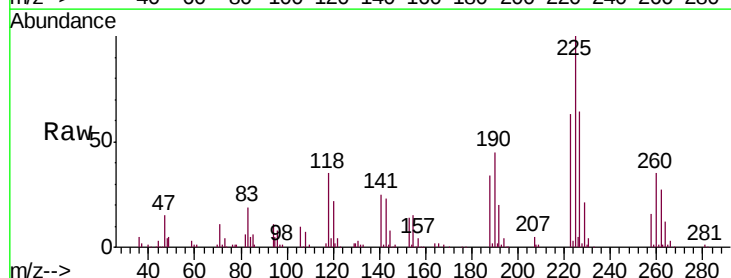
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

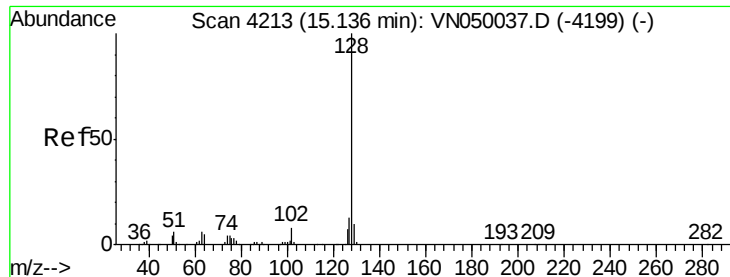
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	76.7	115.1
145	28.7	23.4	35.0



#90
 Hexachlorobutadiene
 Concen: 18.39 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050128.D
 Acq: 27 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	124.4
227	62.7	0.0	133.0





#91

Naphthalene

Concen: 20.99 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

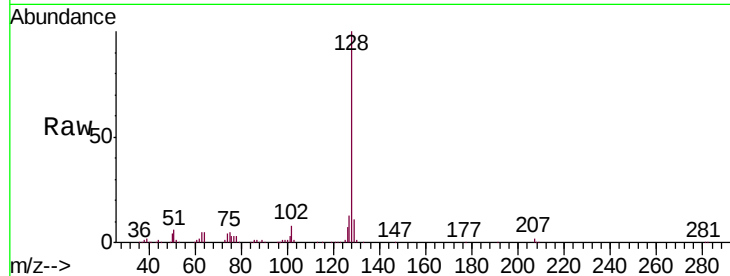
Tot Ion:128 Resp: 339452

Ion Ratio Lower Upper

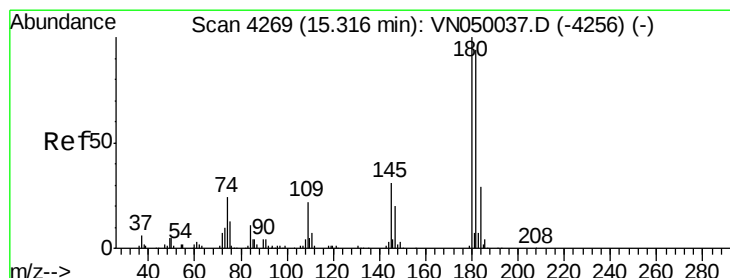
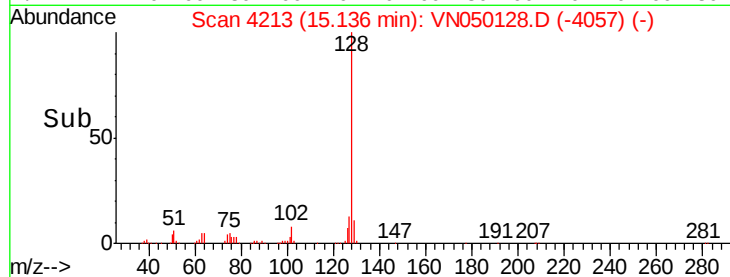
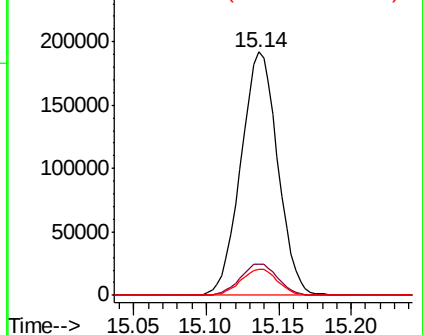
128 100

127 13.2 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: 18.39 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050128.D

Acq: 27 Jul 2018 13:15

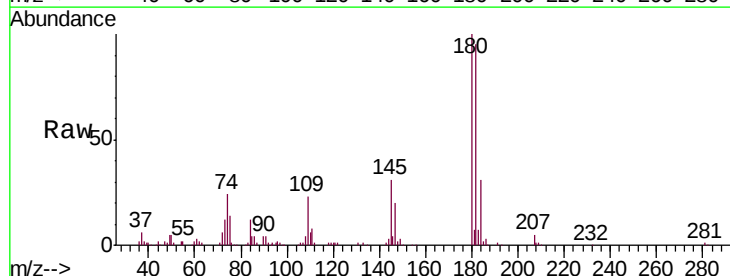
Tgt Ion:180 Resp: 151707

Ion Ratio Lower Upper

180 100

182 93.6 0.0 188.8

145 30.1 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

