

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101218\
 Data File : VN051836.D
 Acq On : 12 Oct 2018 16:40
 Operator : MD\SY
 Sample : VN1012WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Quant Time: Oct 13 01:56:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	130510	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	744296	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	652311	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	247385	31.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.83%
60) 4-Bromofluorobenzene	12.40	95	273471	29.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.90%
63) Toluene-d8	10.09	98	876626	30.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	98973	19.520	ug/l 99
3) Chloromethane	2.06	50	112840	21.057	ug/l 99
4) Vinyl Chloride	2.18	62	165482	20.679	ug/l 99
5) Bromomethane	2.57	94	149855	21.194	ug/l 85
6) Chloroethane	2.70	64	125033	21.680	ug/l 97
7) Trichlorofluoromethane	3.01	101	241242	21.145	ug/l 96
8) Diethyl Ether	3.41	74	68593	20.652	ug/l 73
9) 1,1,2-Trichlorotrifluoroet	3.76	101	133185	20.498	ug/l # 40
10) 1,1-Dichloroethene	3.74	96	122405	20.371	ug/l 86
11) Methyl Iodide	3.95	142	168833	19.328	ug/l 91
12) Methyl Acetate	4.33	43	78911	21.149	ug/l # 89
13) Acrolein	3.61	56	22601	91.934	ug/l 88
14) Acrylonitrile	5.00	53	174004	104.341	ug/l # 59
15) Acetone	3.82	58	41712	101.183	ug/l 88
16) Carbon Disulfide	4.05	76	293887	18.623	ug/l 97
17) Allyl chloride	4.33	41	140517	19.697	ug/l 73
18) Methylene Chloride	4.55	84	139676	20.790	ug/l 88
19) trans-1,2-Dichloroethene	5.05	96	134365	19.583	ug/l 86
20) Diisopropyl ether	5.95	45	326254	20.535	ug/l # 89
21) 1,1-Dichloroethane	5.85	63	231470	20.850	ug/l # 97
22) cis-1,2-Dichloroethene	6.83	96	162846	20.207	ug/l # 82
23) tert-Butyl Alcohol	4.79	59	45647	103.931	ug/l # 100
25) Chloroform	7.37	83	270942	20.572	ug/l 96
26) Cyclohexane	7.66	56	189001	20.081	ug/l # 72
29) 1,1-Dichloropropene	7.80	75	189983	19.802	ug/l 94
30) 2-Butanone	6.84	43	193306	96.399	ug/l # 86
31) 2,2-Dichloropropane	6.83	77	200785	17.790	ug/l # 77
32) 1,1,1-Trichloroethane	7.57	97	250579	19.700	ug/l 96
33) Carbon Tetrachloride	7.78	117	221948	19.287	ug/l 92
34) Benzene	8.04	78	573582	20.211	ug/l # 68
35) Methacrylonitrile	7.18	41	45363	17.218	ug/l 83
36) 1,2-Dichloroethane	8.13	62	184082	20.244	ug/l 96
37) Trichloroethene	8.84	130	172719	19.606	ug/l 98
38) Methylcyclohexane	9.08	83	240841	19.572	ug/l 79
39) 1,2-Dichloropropane	9.12	63	135471	20.270	ug/l 97
40) Dibromomethane	9.21	93	100422	20.245	ug/l 98
41) Bromodichloromethane	9.40	83	198893	19.413	ug/l 94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101218\
 Data File : VN051836.D
 Acq On : 12 Oct 2018 16:40
 Operator : MD\SY
 Sample : VN1012WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Quant Time: Oct 13 01:56:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.90	43	1131659	100.250	ug/l #	90
43) Ethyl Acetate	6.93	43	91372	20.985	ug/l	99
44) Isopropyl Acetate	8.17	43	177453	20.404	ug/l	99
45) 1,4-Dioxane	9.20	88	28572	409.148	ug/l #	78
46) Methyl methacrylate	9.20	41	81289	20.264	ug/l	76
47) n-amyl Acetate	12.07	43	132332	18.176	ug/l #	73
48) t-1,3-Dichloropropene	10.38	75	184000	18.416	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	207037	18.798	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	139564	20.364	ug/l	95
51) Ethyl methacrylate	10.43	69	157157	20.030	ug/l	83
52) 1,3-Dichloropropane	10.71	76	215768	20.399	ug/l	97
53) Dibromochloromethane	10.90	129	155491	18.340	ug/l	96
54) 1,2-Dibromoethane	11.01	107	139918	19.450	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	327387	97.604	ug/l #	92
56) Bromoform	12.13	173	94268	16.859	ug/l #	91
58) 4-Methyl-2-Pentanone	9.99	43	474239	108.640	ug/l #	89
59) 2-Hexanone	10.75	43	294376	99.959	ug/l	91
61) Tetrachloroethene	10.63	164	170184	20.401	ug/l	95
62) Toluene	10.16	91	661361	20.409	ug/l	98
64) Chlorobenzene	11.43	112	431401	20.327	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	162706	19.974	ug/l	99
66) Ethyl Benzene	11.51	91	721523	20.146	ug/l	100
67) m/p-Xylenes	11.62	106	575786	39.654	ug/l	98
68) o-Xylene	11.95	106	289051	20.193	ug/l	88
69) Styrene	11.96	104	426392	19.415	ug/l	97
70) Isopropylbenzene	12.25	105	758361	19.867	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	159476	21.155	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	176860	29.823	ug/l	73
73) Bromobenzene	12.53	156	182136	19.263	ug/l	84
74) n-propylbenzene	12.59	91	805592	19.620	ug/l	95
75) 2-Chlorotoluene	12.68	91	478863	19.893	ug/l	95
76) 1,3,5-Trimethylbenzene	12.73	105	625323	19.810	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	31060	15.836	ug/l	96
78) 4-Chlorotoluene	12.77	91	453951	19.194	ug/l	92
79) tert-butylbenzene	12.99	119	571074	19.673	ug/l	96
80) 1,2,4-Trimethylbenzene	13.04	105	615888	19.523	ug/l	96
81) sec-Butylbenzene	13.17	105	738323	19.443	ug/l	98
82) p-Isopropyltoluene	13.29	119	645185	18.987	ug/l	97
83) 1,3-Dichlorobenzene	13.28	146	308413	18.486	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	283010	18.019	ug/l	98
85) n-Butylbenzene	13.62	91	470763	18.372	ug/l	96
86) Hexachloroethane	13.87	117	103858	17.726	ug/l	89
87) 1,2-Dichlorobenzene	13.65	146	306711	18.989	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.27	75	20335	18.063	ug/l #	72
89) 1,2,4-Trichlorobenzene	14.91	180	114952	18.511	ug/l	98
90) Hexachlorobutadiene	15.01	225	94592	18.173	ug/l	96
91) Naphthalene	15.13	128	226964	18.807	ug/l	98
92) 1,2,3-Trichlorobenzene	15.32	180	125295	17.050	ug/l	93

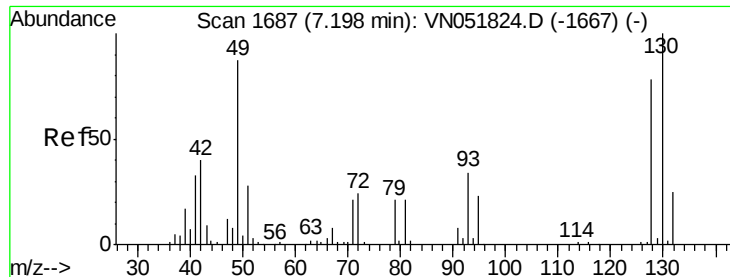
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101218\
Data File : VN051836.D
Acq On : 12 Oct 2018 16:40
Operator : MD\SY
Sample : VN1012WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

Quant Time: Oct 13 01:56:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

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

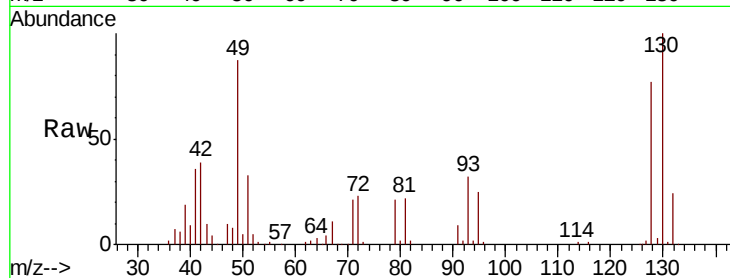
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



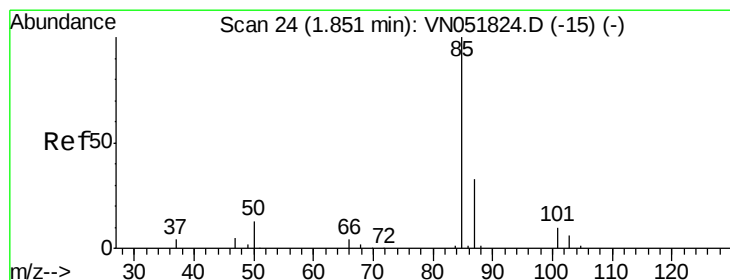
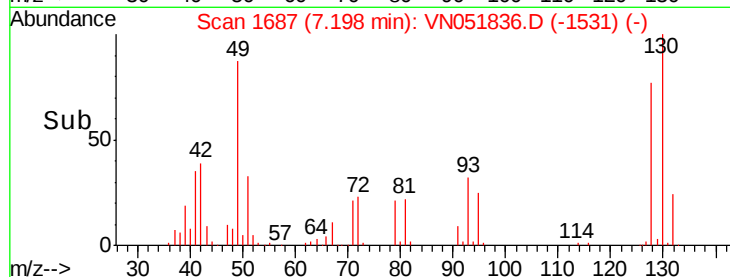
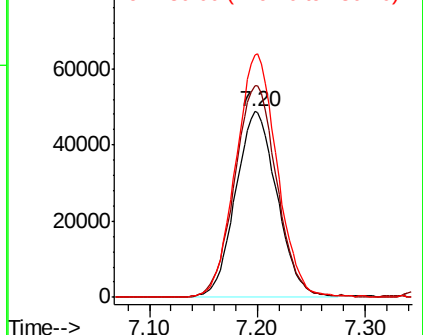
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Tot Ion:128 Resp: 130510
 Ion Ratio Lower Upper
 128 100
 49 115.7 0.0 403.3
 130 130.4 0.0 326.0

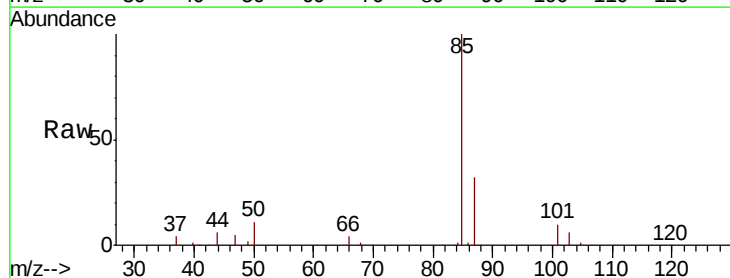


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

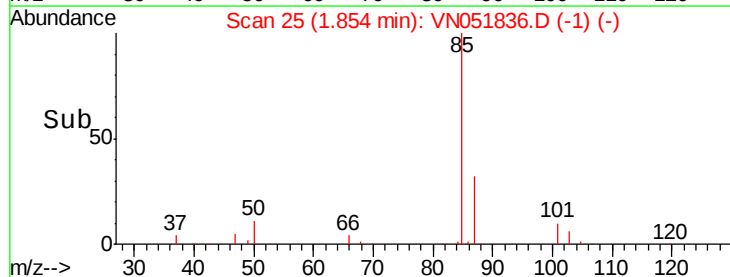
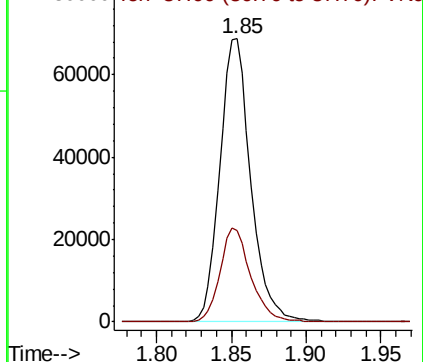


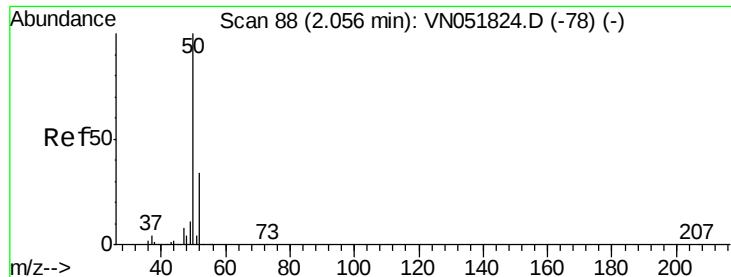
#2
 Dichlorodifluoromethane
 Concen: 19.520 ug/l
 RT: 1.85 min Scan# 25
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion: 85 Resp: 98973
 Ion Ratio Lower Upper
 85 100
 87 32.1 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VN
 Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 21.057 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

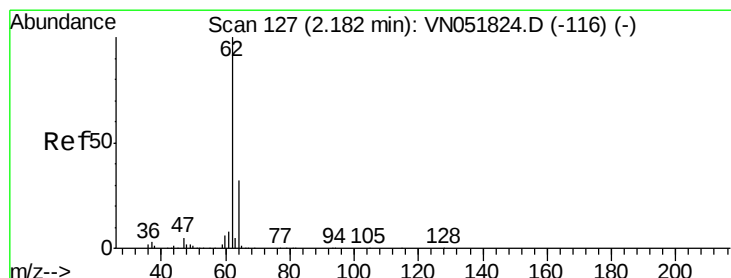
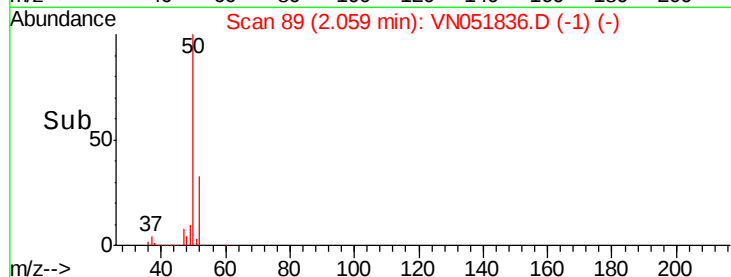
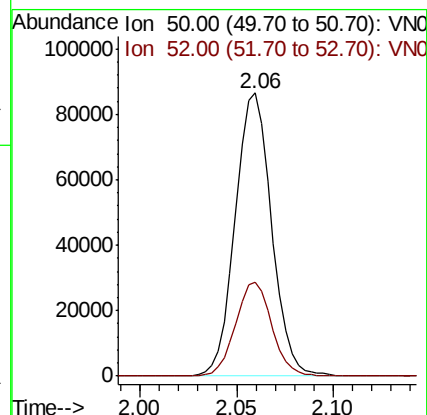
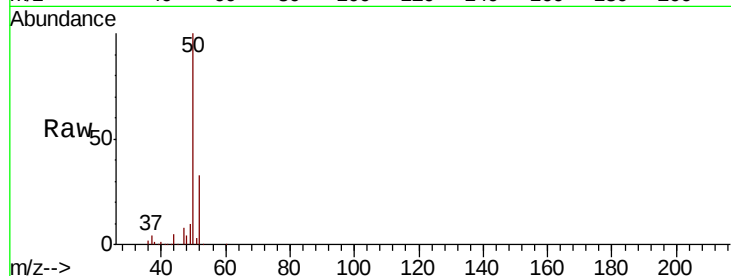
VN1012WBSD01

Tot Ion: 50 Resp: 112840

Ion Ratio Lower Upper

50 100

52 33.4 27.2 40.8



#4

Vinyl Chloride

Concen: 20.679 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051836.D

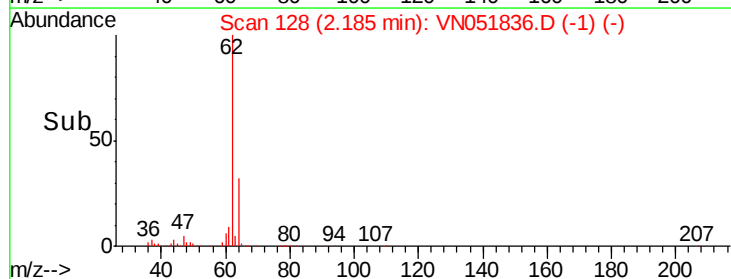
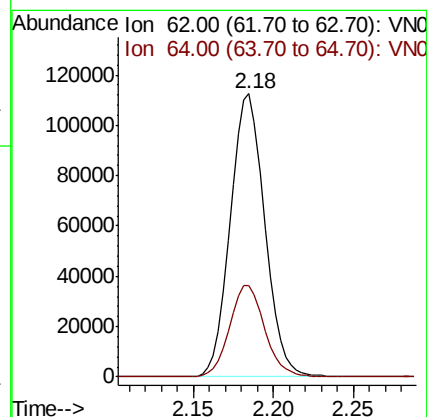
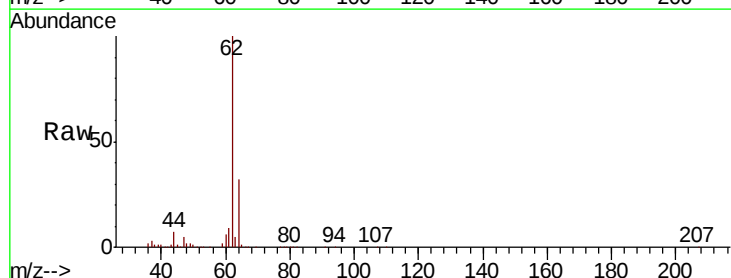
Acq: 12 Oct 2018 16:40

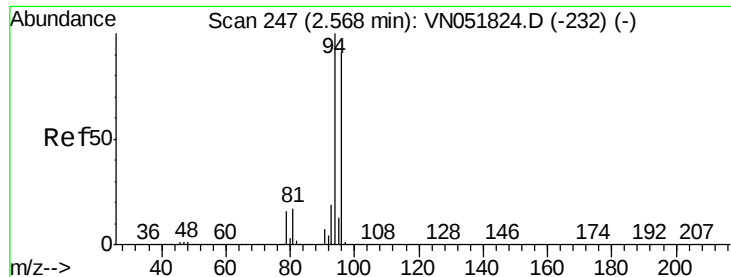
Tgt Ion: 62 Resp: 165482

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 21.194 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

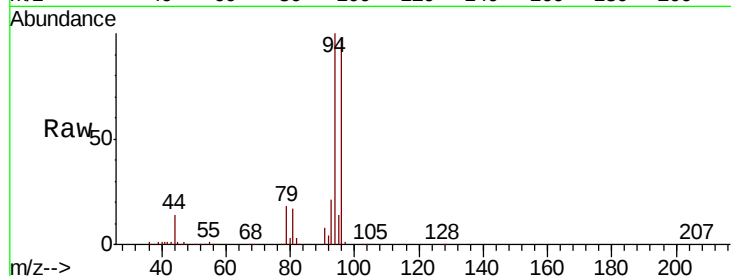
VN1012WBSD01

Tot Ion: 94 Resp: 149855

Ion Ratio Lower Upper

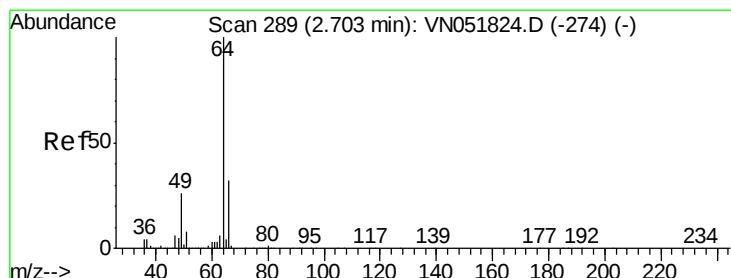
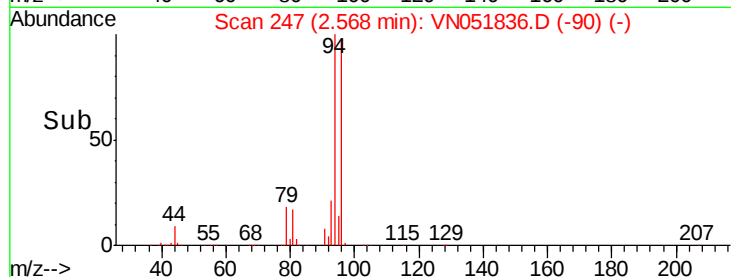
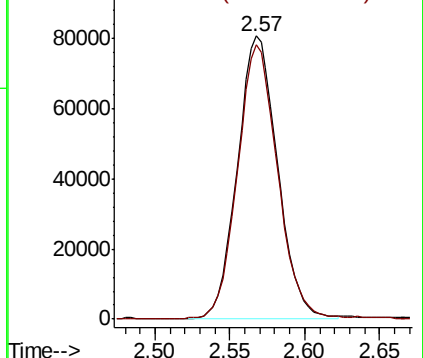
94 100

96 96.9 66.4 99.6



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.680 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051836.D

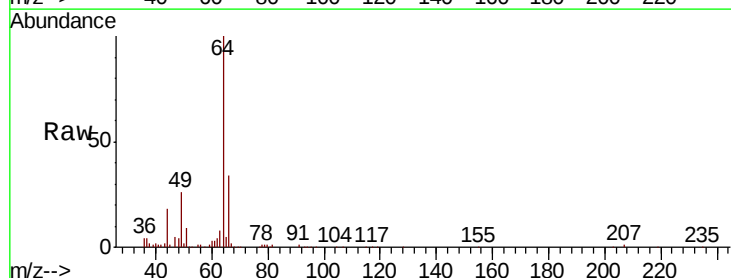
Acq: 12 Oct 2018 16:40

Tgt Ion: 64 Resp: 125033

Ion Ratio Lower Upper

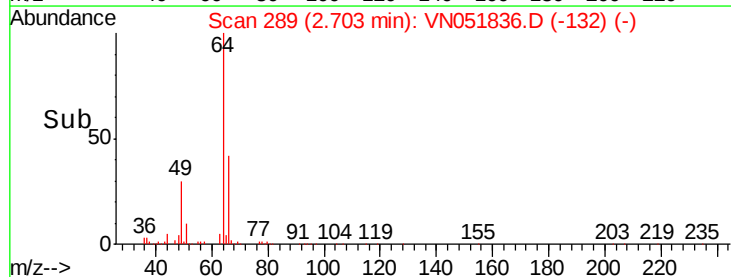
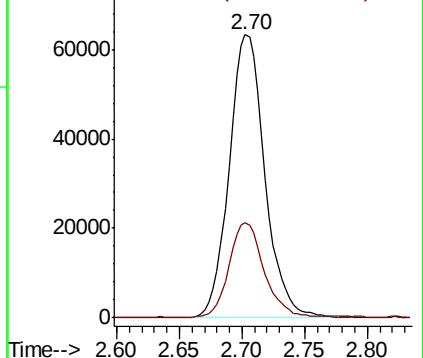
64 100

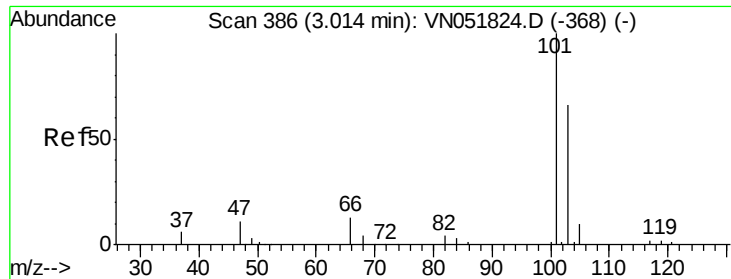
66 33.8 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



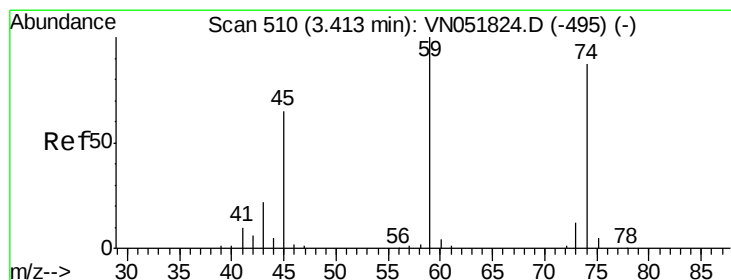
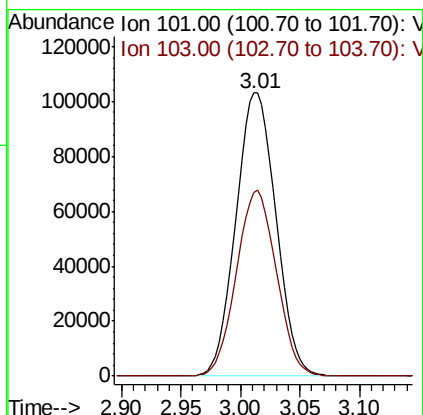
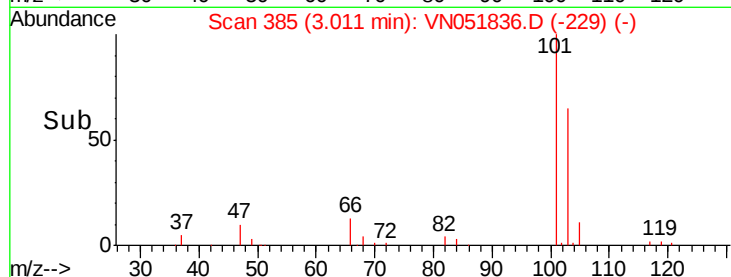
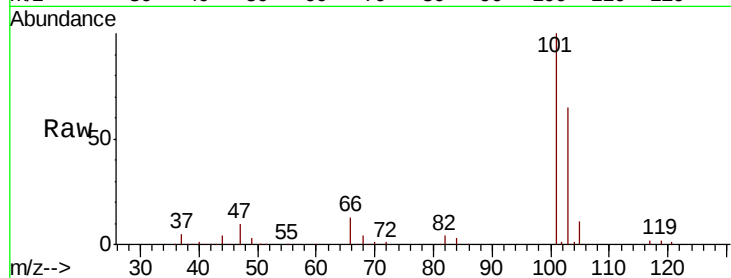


#7

Trichlorofluoromethane
Concen: 21.145 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

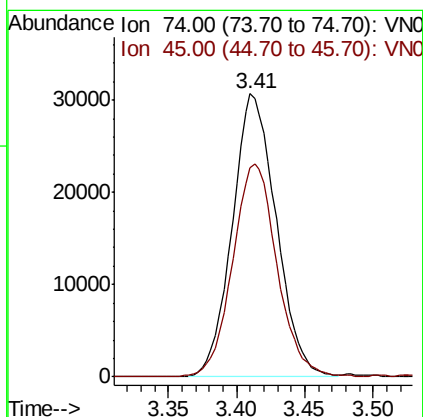
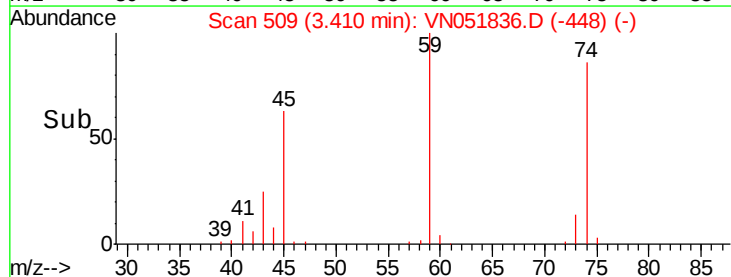
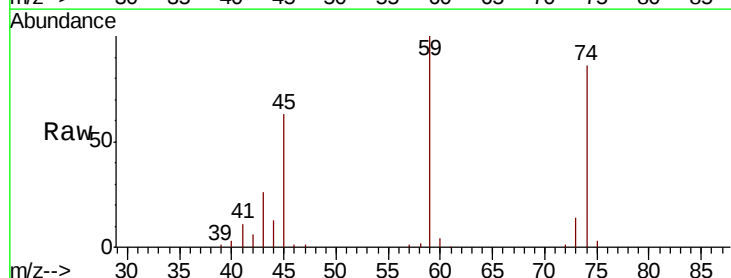
Tot Ion:101 Resp: 241242
Ion Ratio Lower Upper
101 100
103 65.0 54.8 82.2

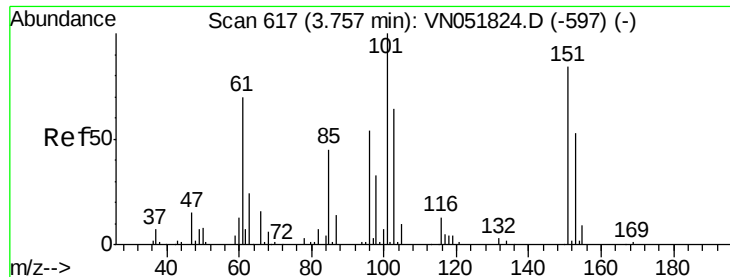


#8

Diethyl Ether
Concen: 20.652 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion: 74 Resp: 68593
Ion Ratio Lower Upper
74 100
45 76.3 20.7 186.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.498 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

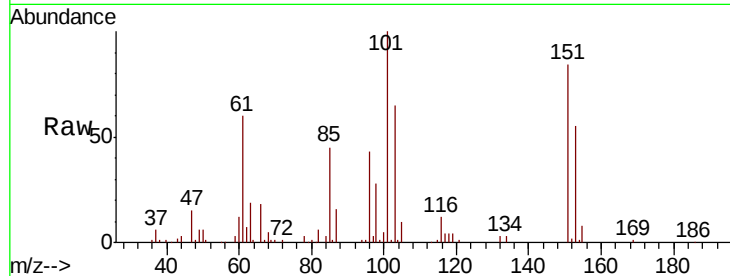
Tot Ion:101 Resp: 133185

Ion Ratio Lower Upper

101 100

85 44.7 0.0 46.0

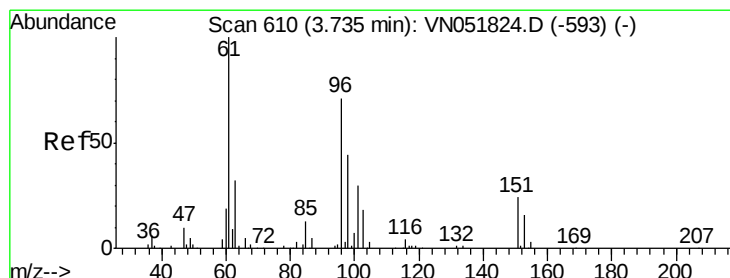
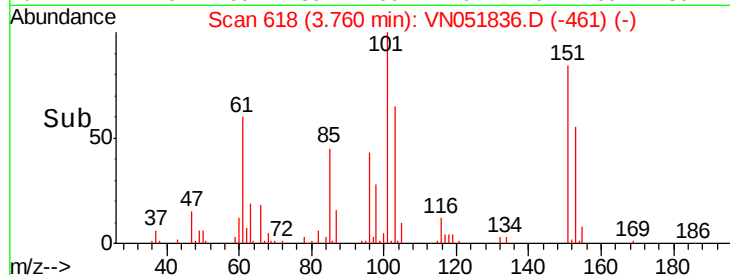
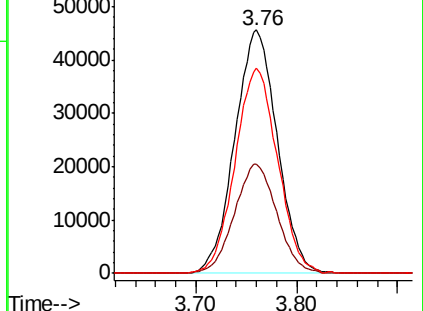
151 84.1 0.0 82.2#



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: 20.371 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

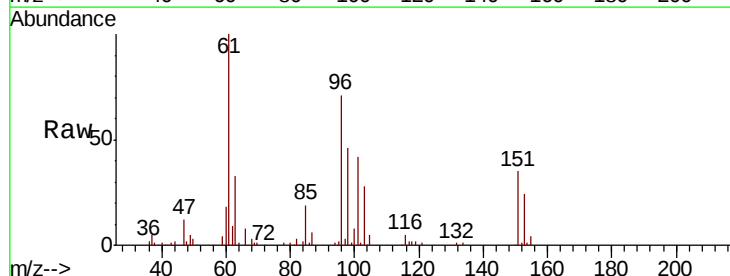
Tgt Ion: 96 Resp: 122405

Ion Ratio Lower Upper

96 100

61 140.2 133.0 199.6

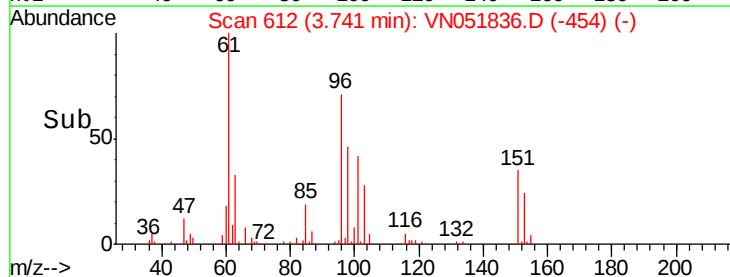
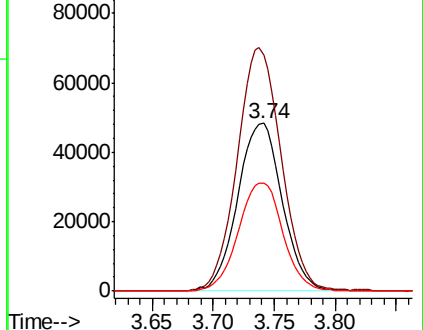
98 64.1 52.6 78.8

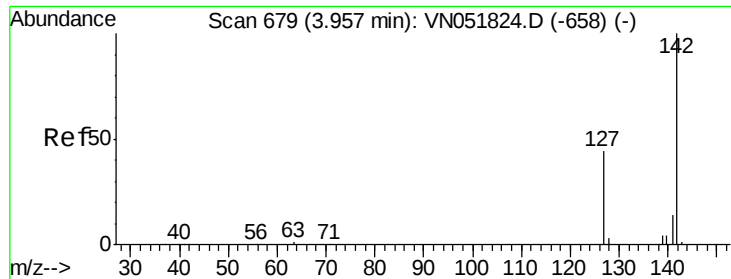


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

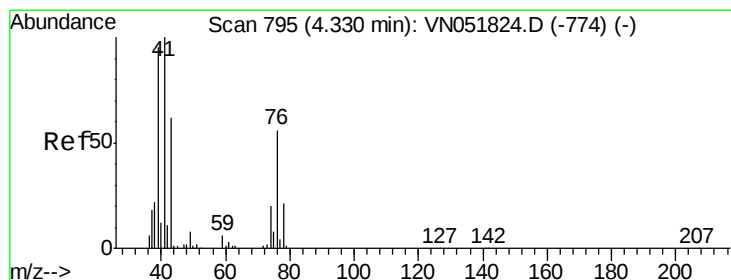
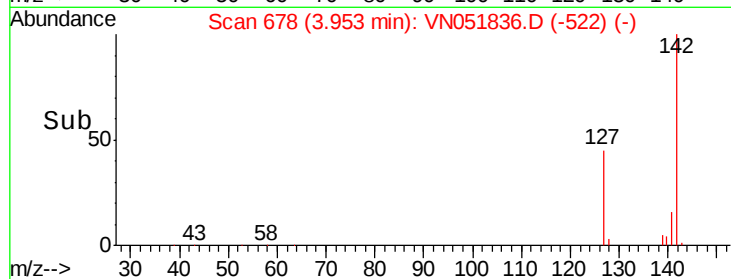
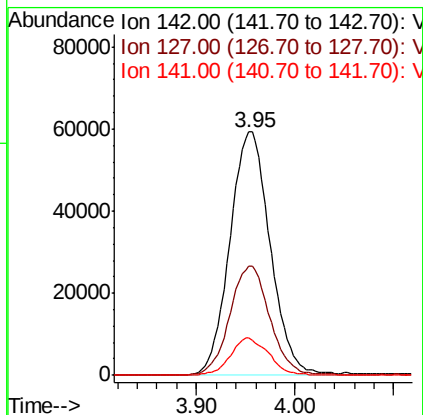
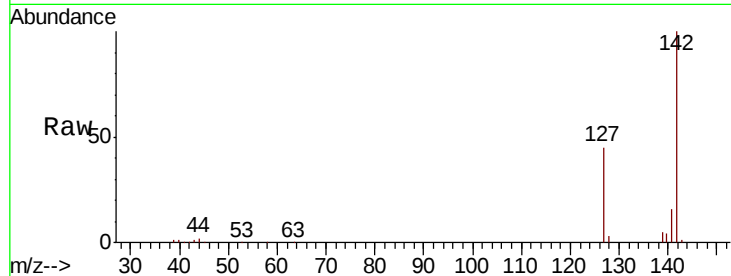




#11
Methyl Iodide
Concen: 19.328 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

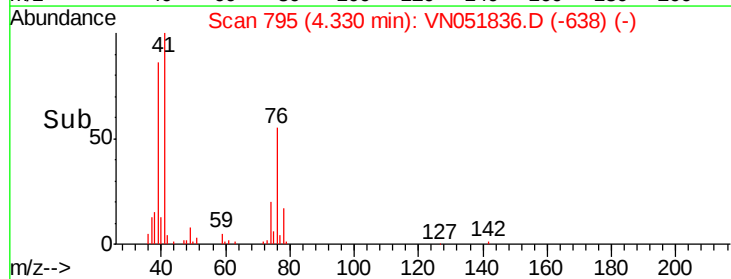
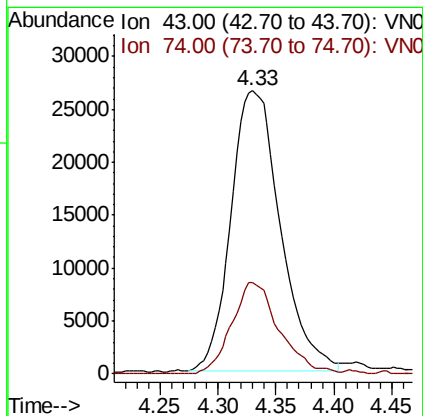
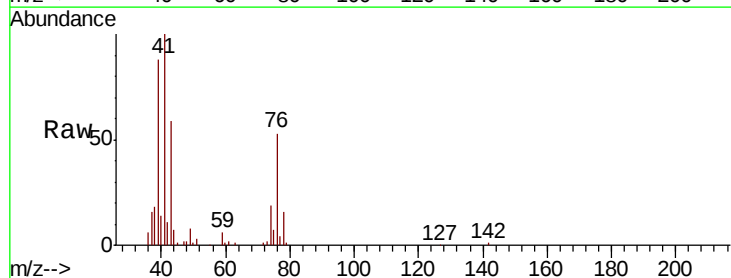
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

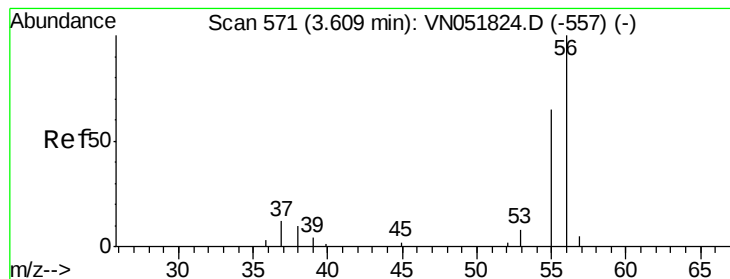
Tot Ion:142 Resp: 168833
Ion Ratio Lower Upper
142 100
127 44.9 19.7 59.0
141 15.6 6.3 18.9



#12
Methyl Acetate
Concen: 21.149 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion: 43 Resp: 78911
Ion Ratio Lower Upper
43 100
74 32.8 21.8 32.6#





#13

Acrolein

Concen: 91.934 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

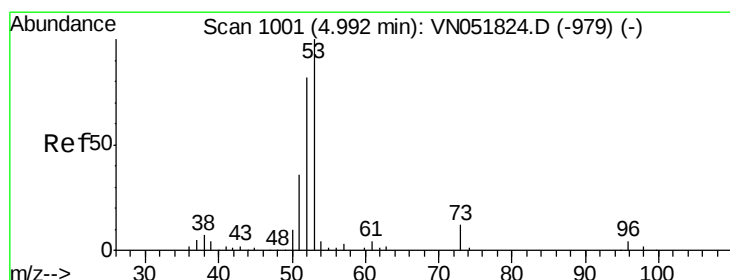
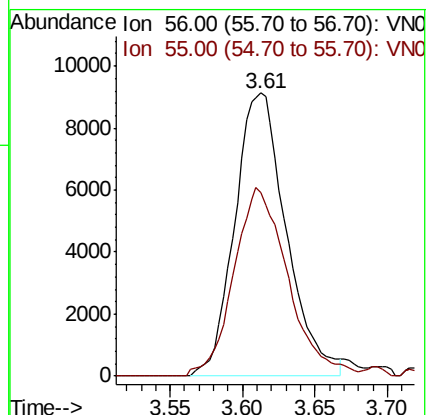
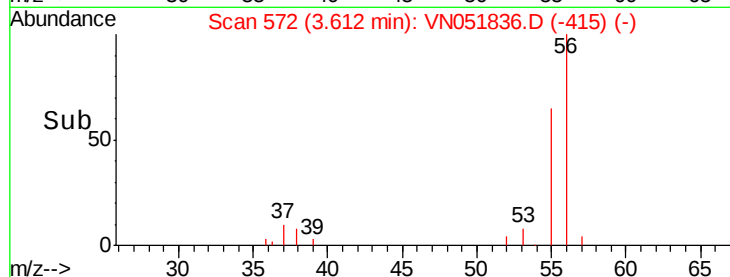
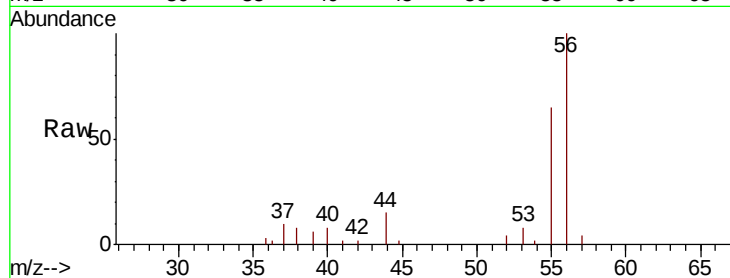
VN1012WBSD01

Tot Ion: 56 Resp: 22601

Ion Ratio Lower Upper

56 100

55 69.7 64.0 96.0



#14

Acrylonitrile

Concen: 104.341 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

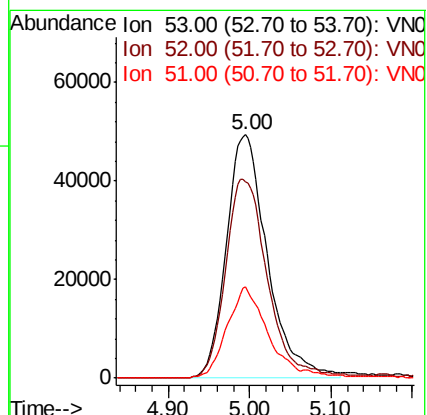
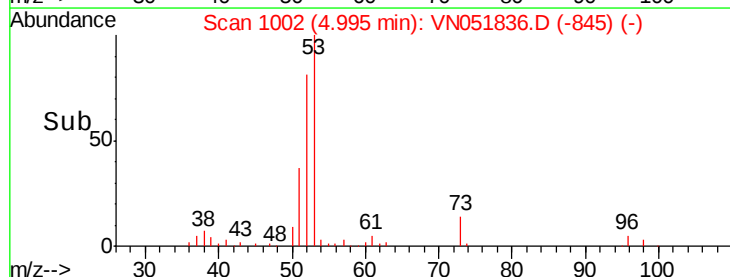
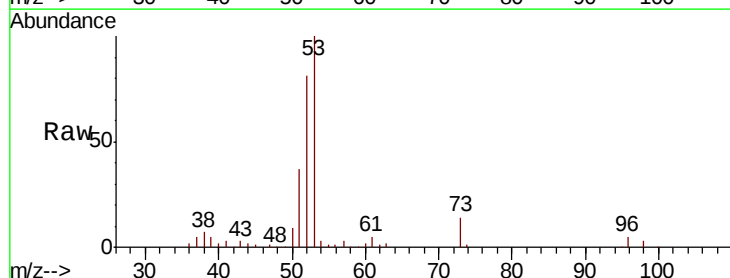
Tgt Ion: 53 Resp: 174004

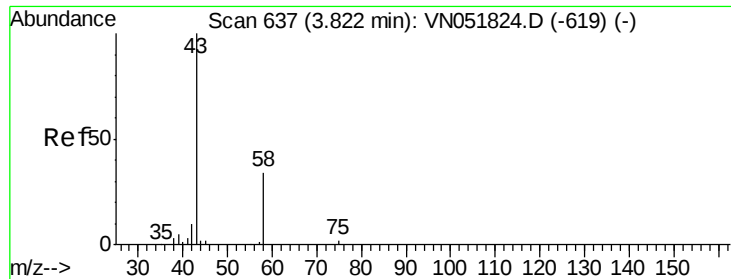
Ion Ratio Lower Upper

53 100

52 83.7 18.3 54.8#

51 36.1 19.7 59.1





#15

Acetone

Concen: 101.183 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

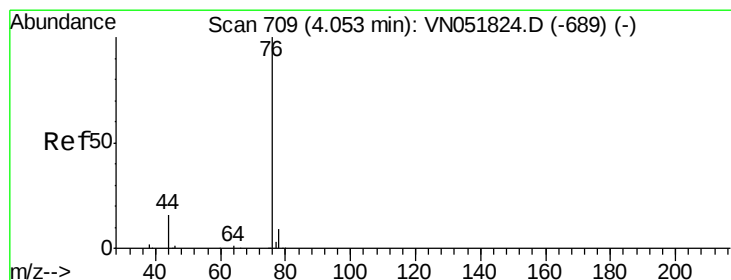
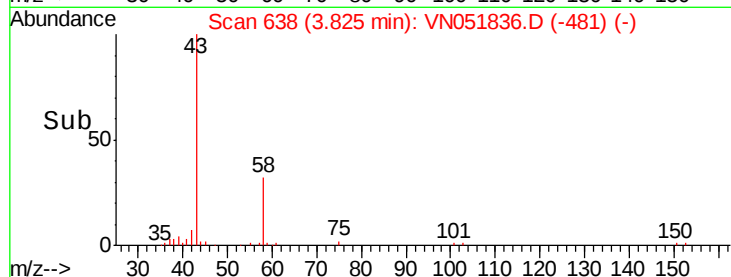
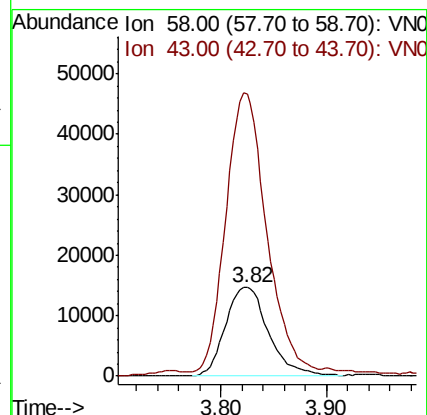
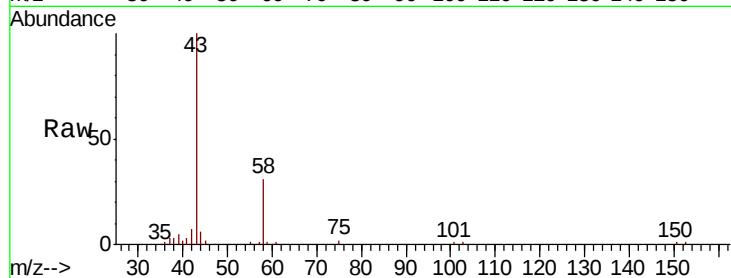
VN1012WBSD01

Tot Ion: 58 Resp: 41712

Ion Ratio Lower Upper

58 100

43 313.4 232.2 348.2



#16

Carbon Disulfide

Concen: 18.623 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051836.D

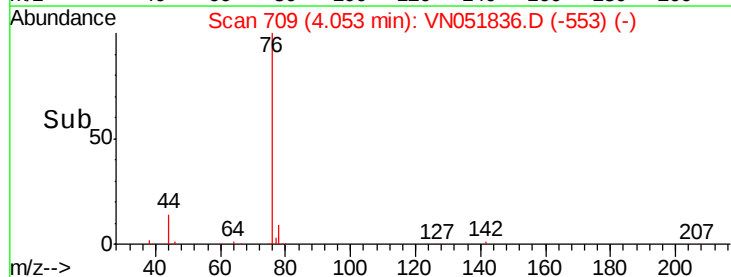
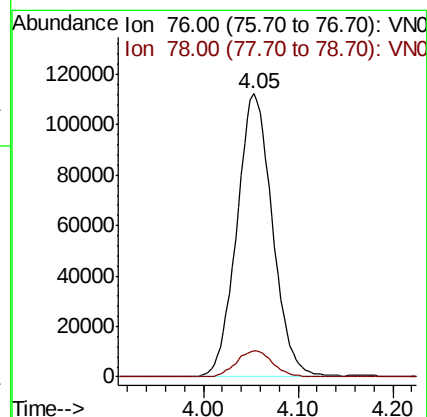
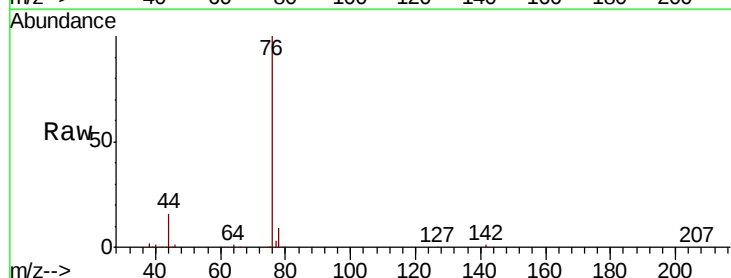
Acq: 12 Oct 2018 16:40

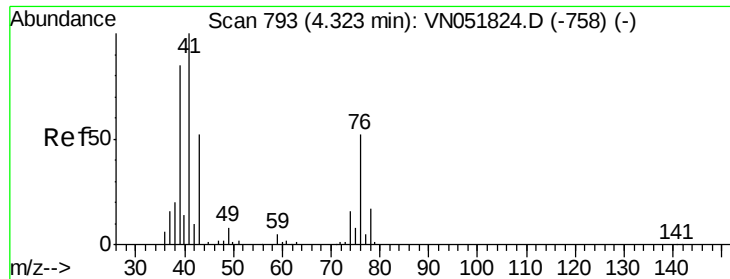
Tgt Ion: 76 Resp: 293887

Ion Ratio Lower Upper

76 100

78 9.3 6.7 10.1

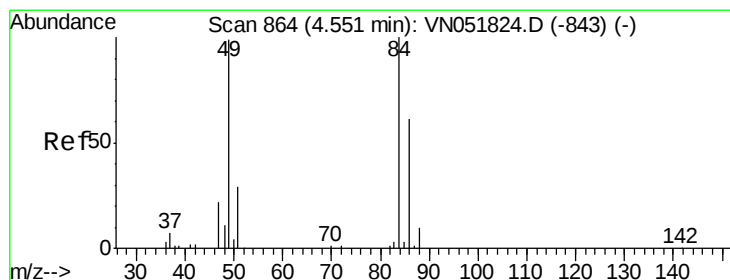
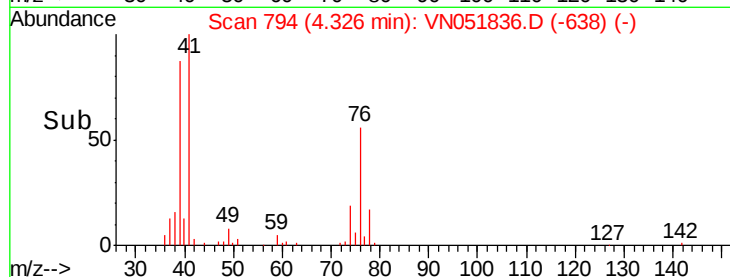
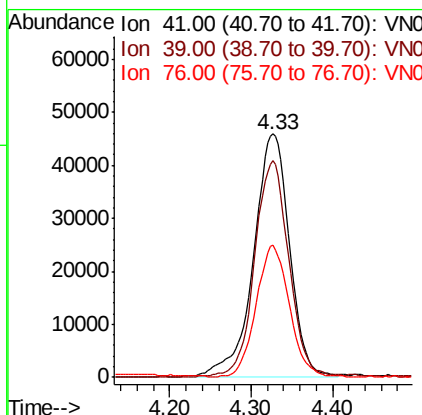
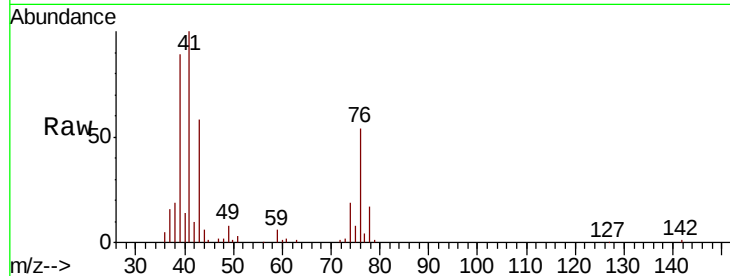




#17
Allvl chloride
Concen: 19.697 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

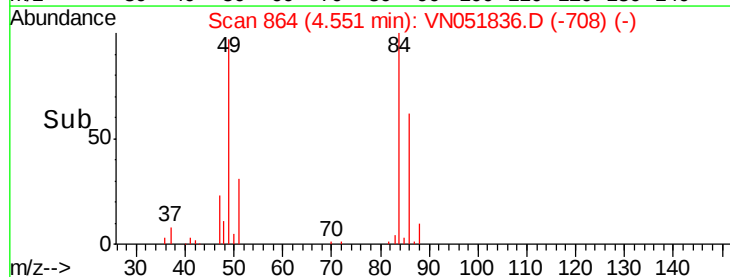
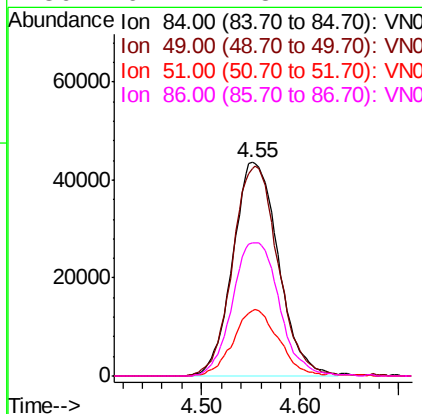
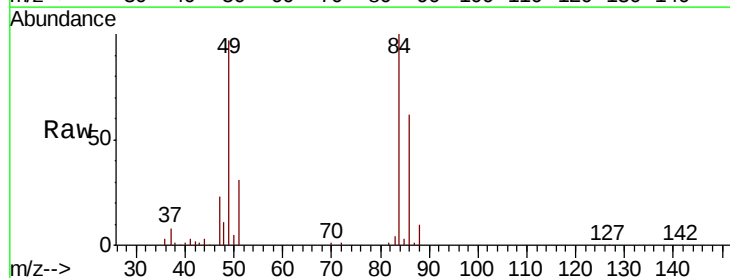
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

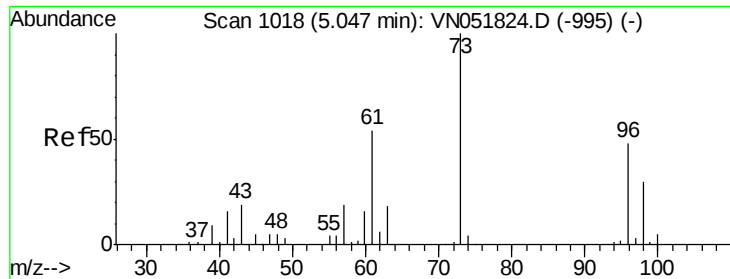
Tot Ion: 41 Resp: 140517
Ion Ratio Lower Upper
41 100
39 89.0 32.6 97.8
76 54.0 20.2 60.5



#18
Methylene Chloride
Concen: 20.790 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion: 84 Resp: 139676
Ion Ratio Lower Upper
84 100
49 96.7 91.6 137.4
51 30.7 29.8 44.6
86 62.2 48.2 72.4

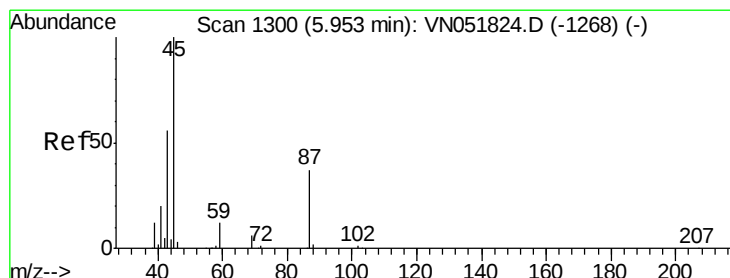
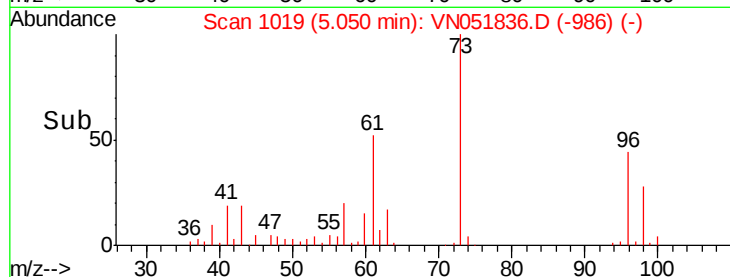
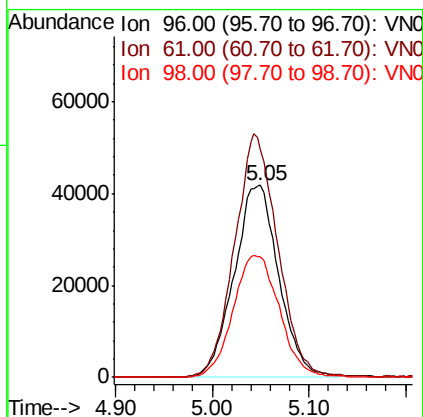
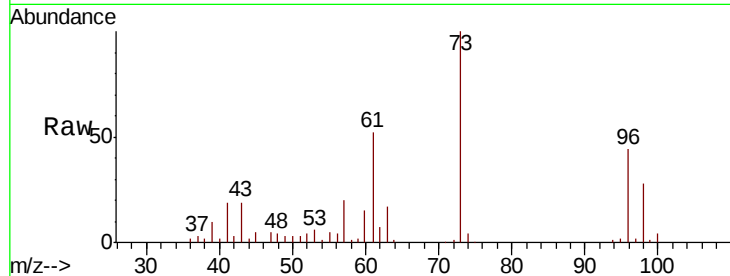




#19
trans-1,2-Dichloroethene
Concen: 19.583 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

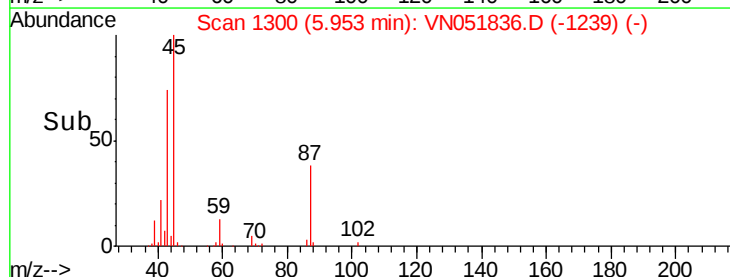
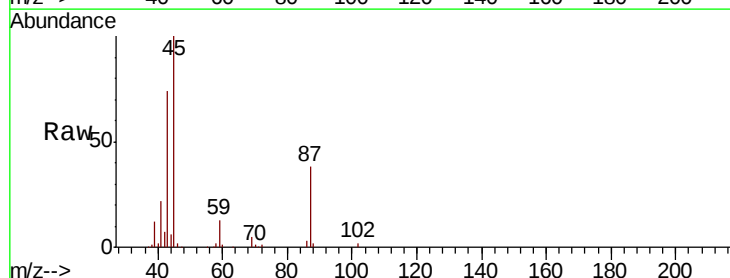
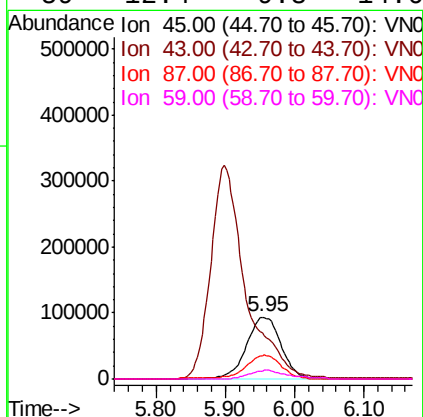
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

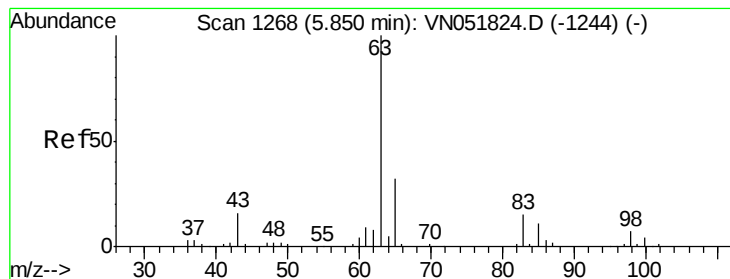
Tot Ion: 96 Resp: 134365
Ion Ratio Lower Upper
96 100
61 118.3 112.3 168.5
98 62.7 47.1 70.7



#20
Diisopropyl ether
Concen: 20.535 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion: 45 Resp: 326254
Ion Ratio Lower Upper
45 100
43 70.9 62.1 93.1
87 37.6 19.9 29.9#
59 12.4 9.8 14.6





#21

1,1-Dichloroethane

Concen: 20.850 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

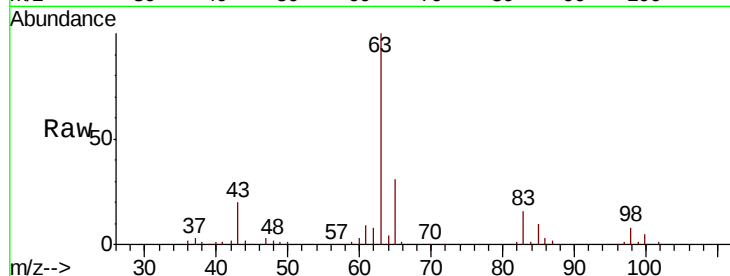
Tot Ion: 63 Resp: 231470

Ion Ratio Lower Upper

63 100

98 7.5 4.1 12.3

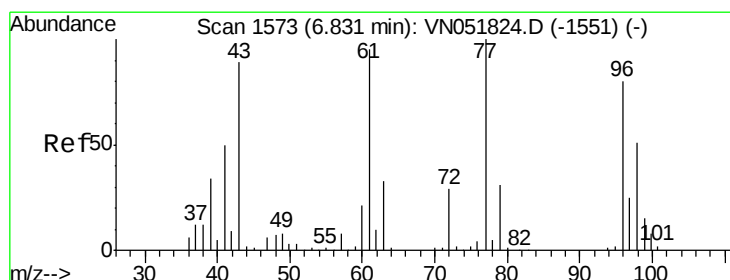
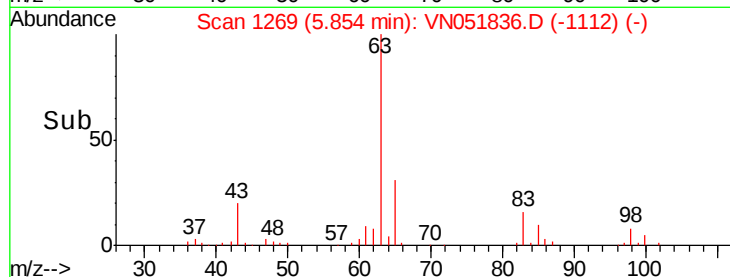
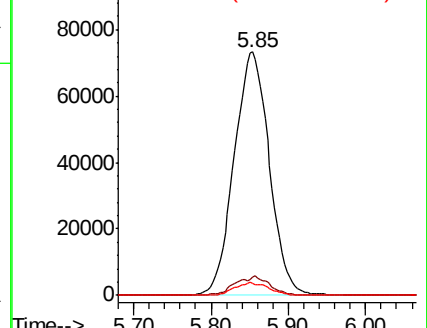
100 4.9 1.6 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VN051824.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VN051824.D (-1244) (-)

Ion 100.00 (99.70 to 100.70): VN051824.D (-1244) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.207 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

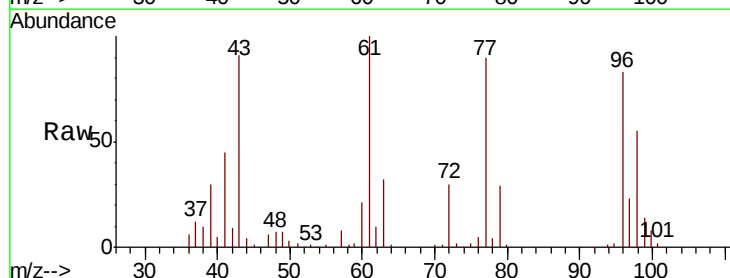
Tgt Ion: 96 Resp: 162846

Ion Ratio Lower Upper

96 100

61 122.7 124.5 186.7#

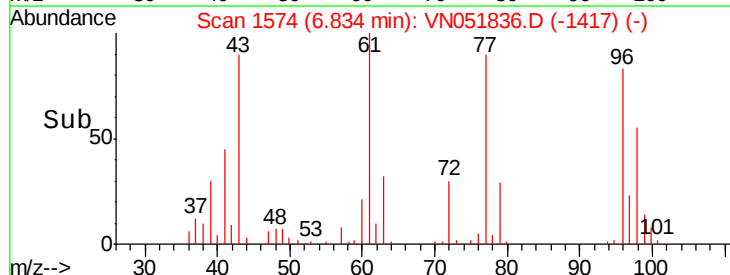
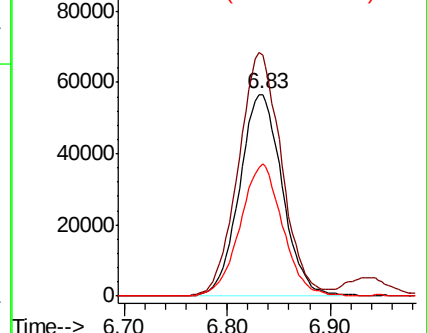
98 65.1 51.9 77.9

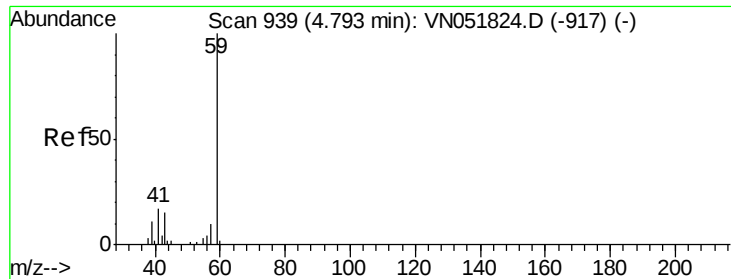


Abundance Ion 96.00 (95.70 to 96.70): VN051824.D (-1551) (-)

Ion 61.00 (60.70 to 61.70): VN051824.D (-1551) (-)

Ion 98.00 (97.70 to 98.70): VN051824.D (-1551) (-)





#23

tert-Butyl Alcohol

Concen: 103.931 ug/l

RT: 4.79 min Scan# 939

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

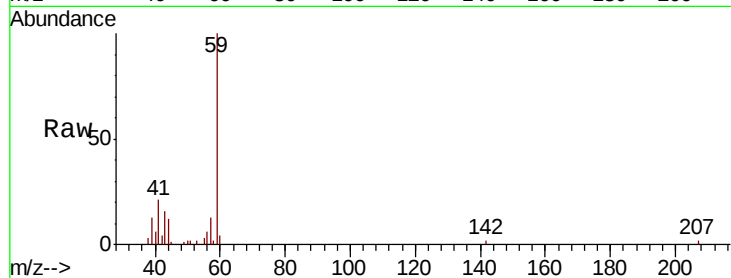
VN1012WBSD01

Tot Ion: 59 Resp: 45647

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN051836.D (-1586) (-)

Ion 52.00 (51.70 to 52.70): VN051836.D (-1586) (-)

4.79

15000

10000

5000

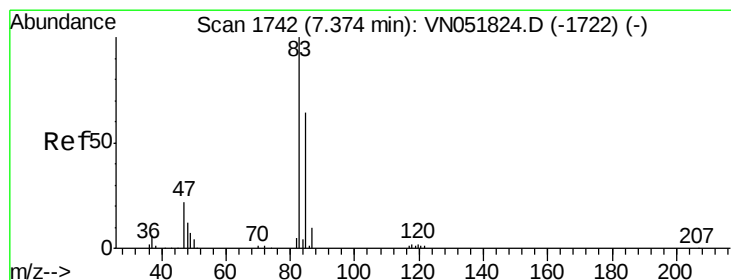
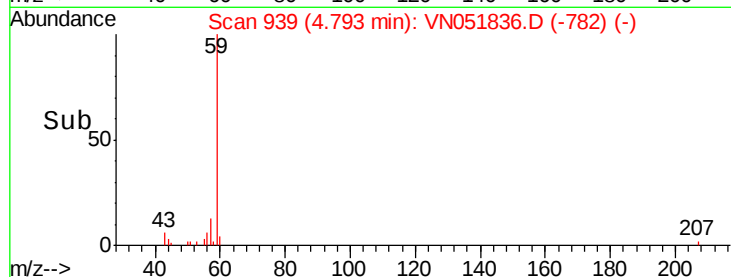
0

Time-->

4.70

4.80

4.90



#25

Chloroform

Concen: 20.572 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051836.D

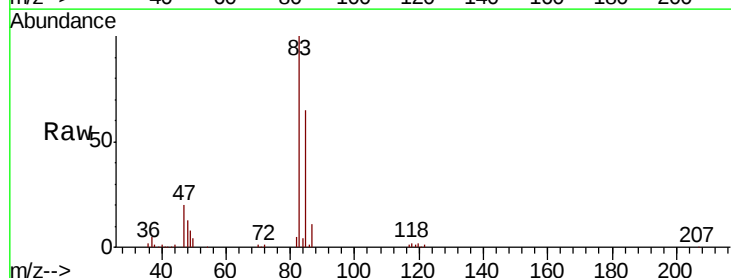
Acq: 12 Oct 2018 16:40

Tgt Ion: 83 Resp: 270942

Ion Ratio Lower Upper

83 100

85 65.1 54.6 82.0



Abundance Ion 83.00 (82.70 to 83.70): VN051836.D (-1586) (-)

Ion 85.00 (84.70 to 85.70): VN051836.D (-1586) (-)

7.37

120000

100000

80000

60000

40000

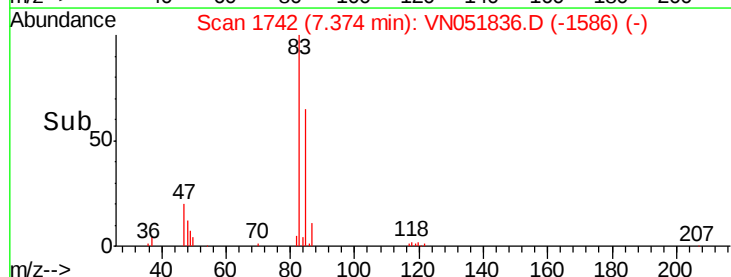
20000

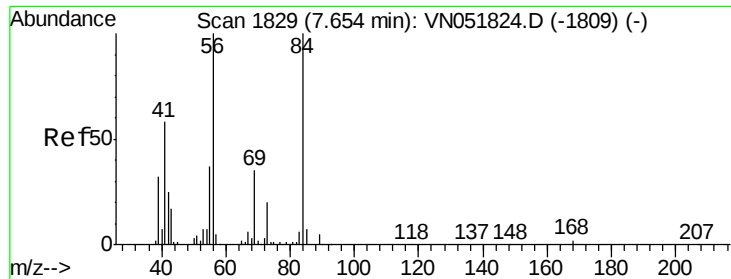
0

Time-->

7.30

7.40

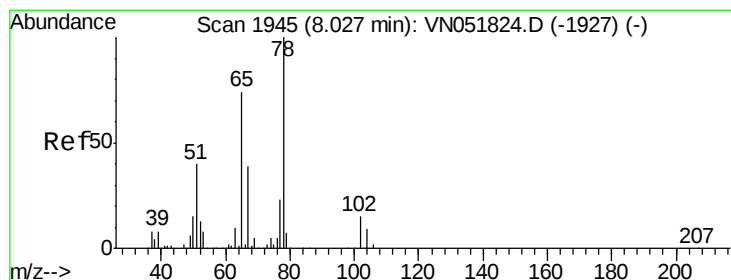
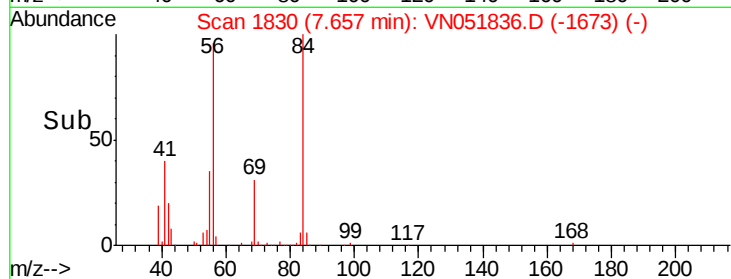
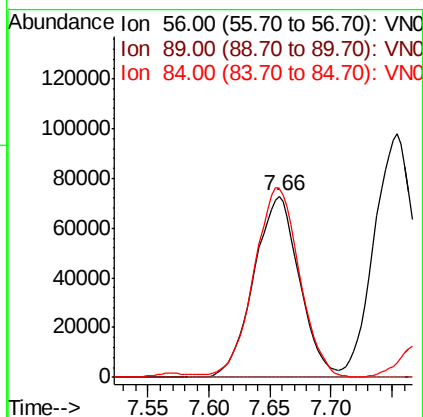
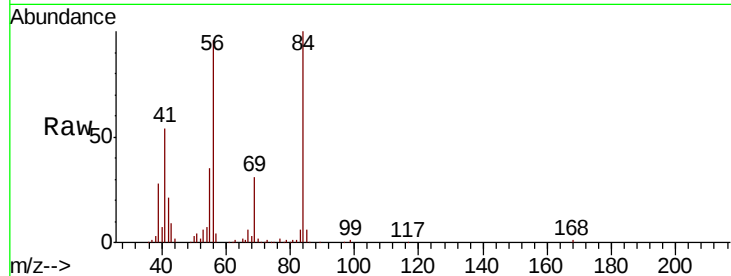




#26
Cvclohexane
Concen: 20.081 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

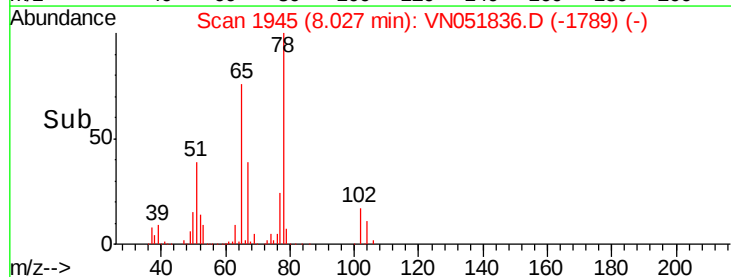
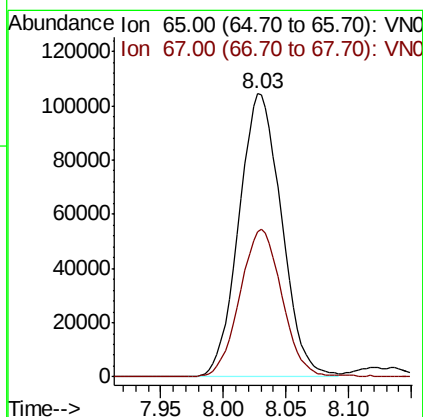
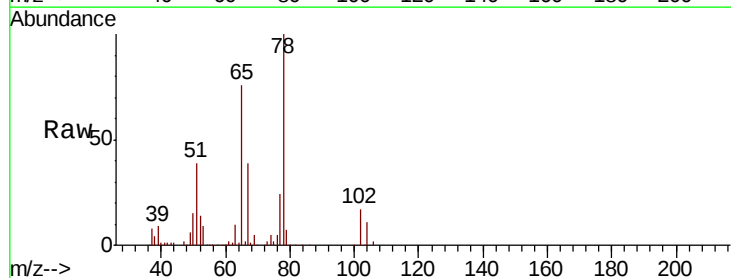
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

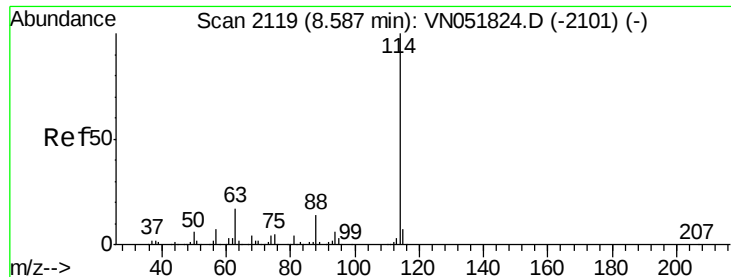
Tot Ion: 56 Resp: 189001
Ion Ratio Lower Upper
56 100
89 0.1 1.5 2.3#
84 105.2 64.2 96.4#



#27
1,2-Dichloroethane-d4
Concen: 20.081 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion: 65 Resp: 247385
Ion Ratio Lower Upper
65 100
67 51.5 41.8 62.8

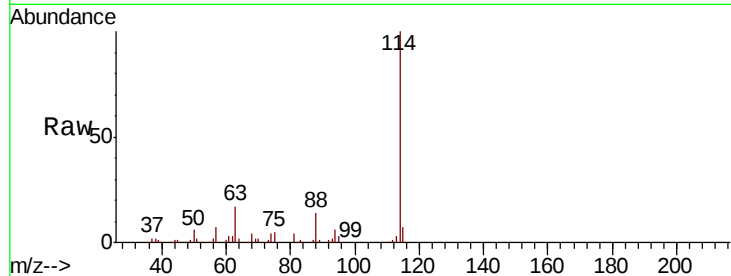




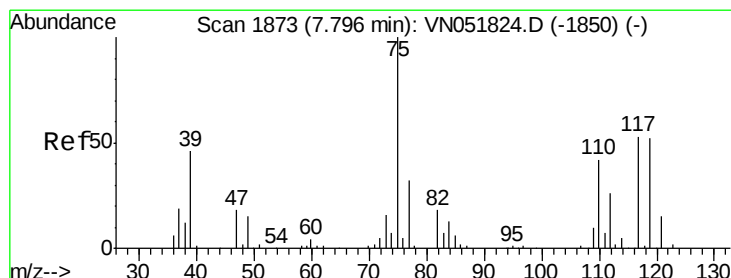
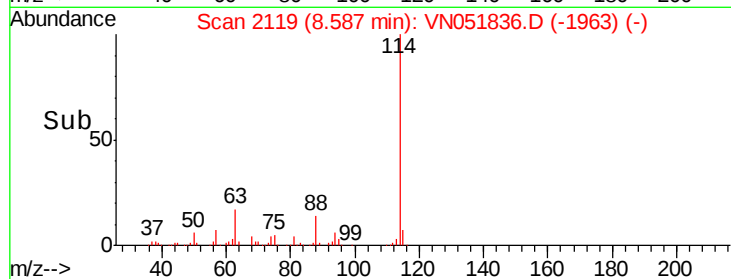
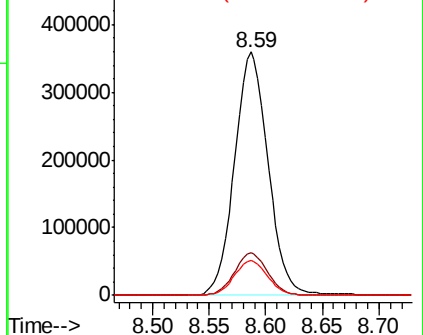
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Tot Ion:114 Resp: 744296
 Ion Ratio Lower Upper
 114 100
 63 17.1 16.2 24.2
 88 14.2 12.2 18.4

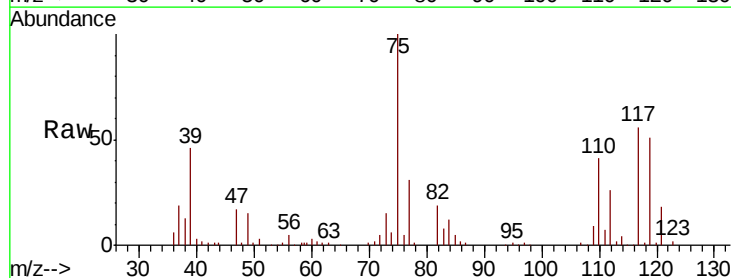


Abundance Ion 114.00 (113.70 to 114.70): VN051824.D (-2101) (-)
 Ion 63.00 (62.70 to 63.70): VN051824.D (-2101) (-)
 Ion 88.00 (87.70 to 88.70): VN051824.D (-2101) (-)

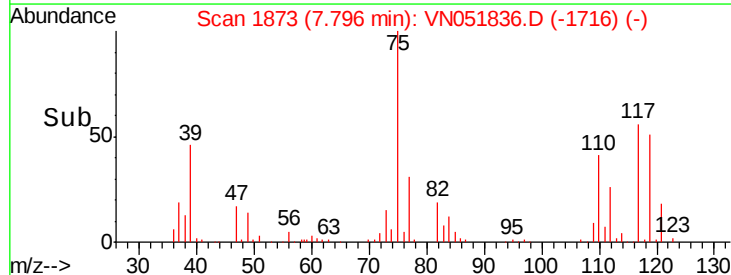
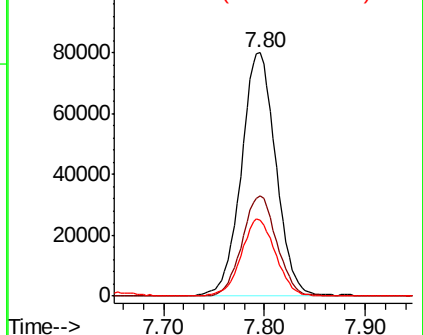


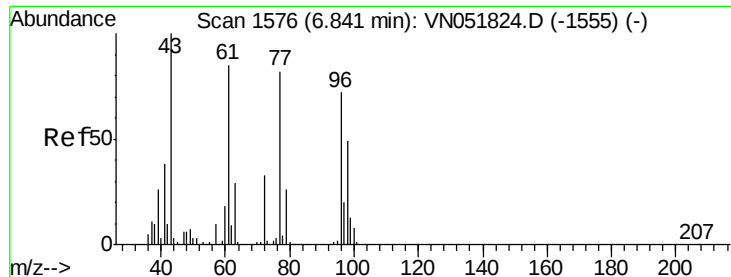
#29
 1,1-Dichloropropene
 Concen: 19.802 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion: 75 Resp: 189983
 Ion Ratio Lower Upper
 75 100
 110 41.1 0.0 70.8
 77 31.4 0.0 61.6



Abundance Ion 75.00 (74.70 to 75.70): VN051824.D (-1850) (-)
 Ion 110.00 (109.70 to 110.70): VN051824.D (-1850) (-)
 Ion 77.00 (76.70 to 77.70): VN051824.D (-1850) (-)

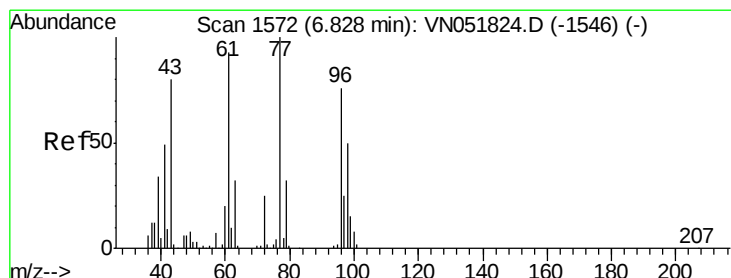
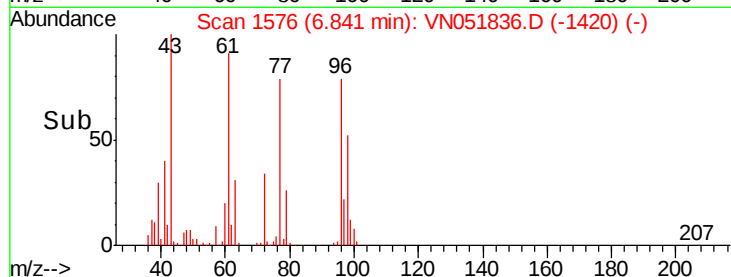
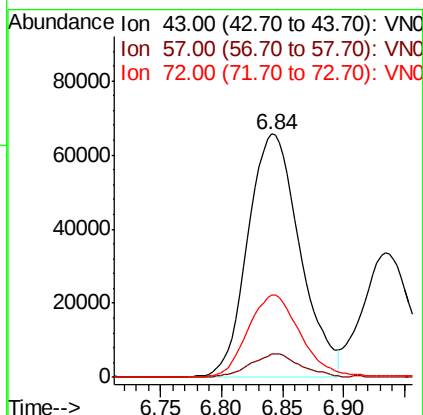
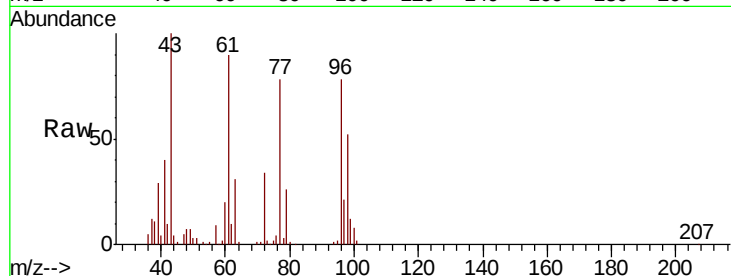




#30
2-Butanone
Concen: 96.399 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

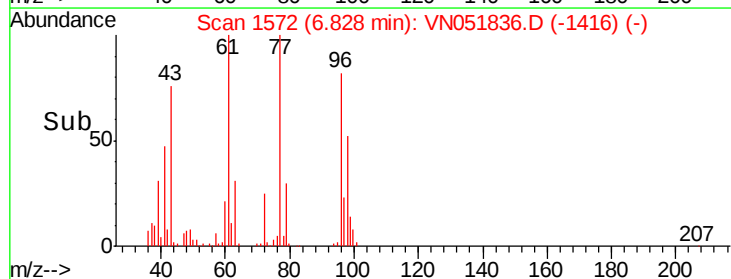
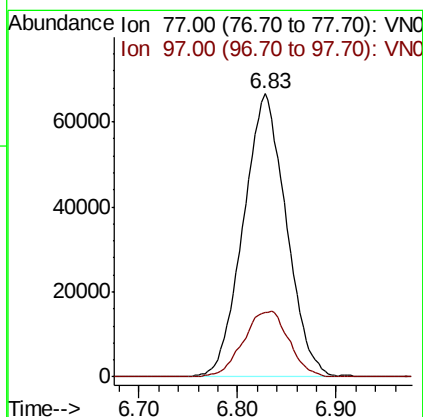
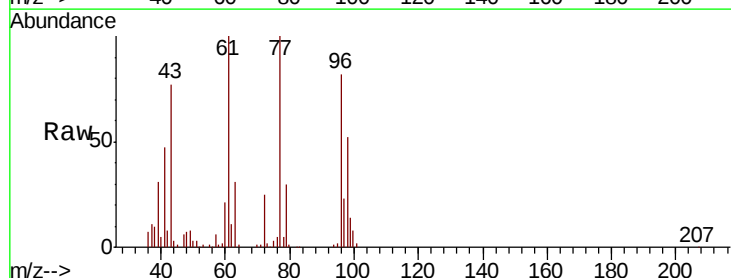
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

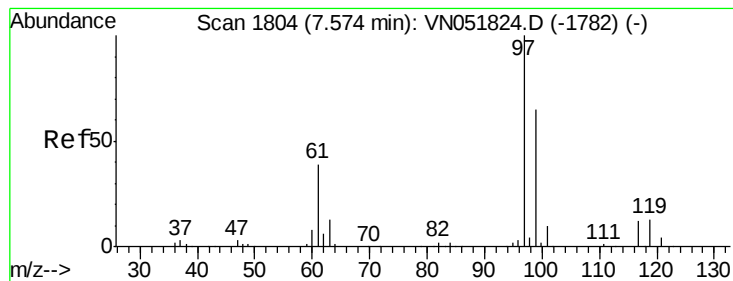
Tot Ion: 43 Resp: 193306
Ion Ratio Lower Upper
43 100
57 9.4 4.5 6.7#
72 34.4 21.5 32.3#



#31
2,2-Dichloropropane
Concen: 17.790 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion: 77 Resp: 200785
Ion Ratio Lower Upper
77 100
97 24.6 12.0 18.0#





#32

1,1,1-Trichloroethane

Concen: 19.700 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

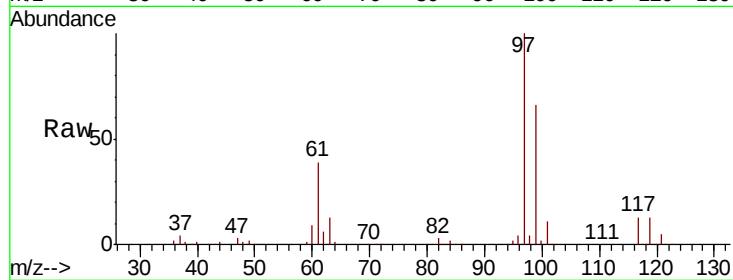
Tot Ion: 97 Resp: 250579

Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

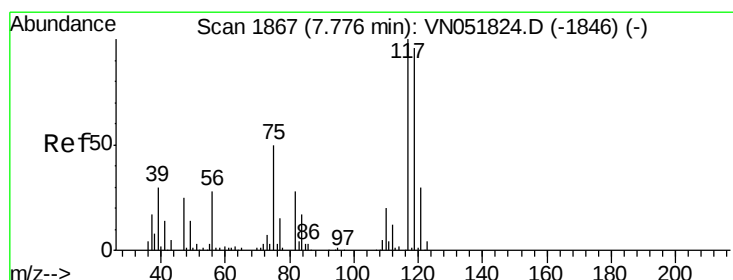
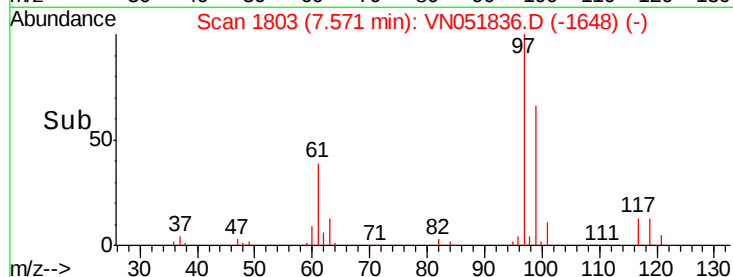
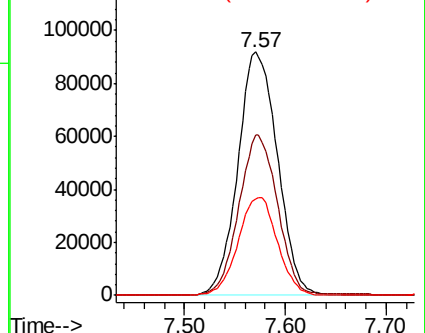
61 39.9 37.4 56.0



Abundance Ion 97.00 (96.70 to 97.70): VN051824.D (-1782) (-)

Ion 99.00 (98.70 to 99.70): VN051824.D (-1782) (-)

Ion 61.00 (60.70 to 61.70): VN051824.D (-1782) (-)



#33

Carbon Tetrachloride

Concen: 19.287 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

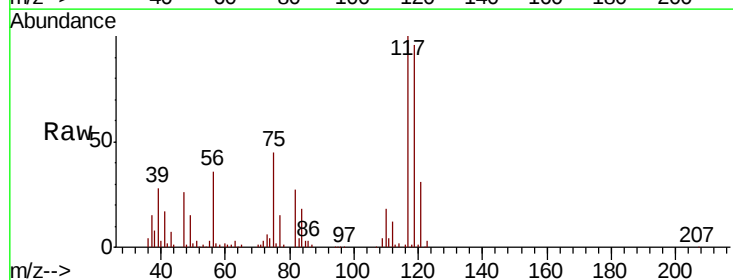
Tgt Ion: 117 Resp: 221948

Ion Ratio Lower Upper

117 100

119 95.6 85.1 127.7

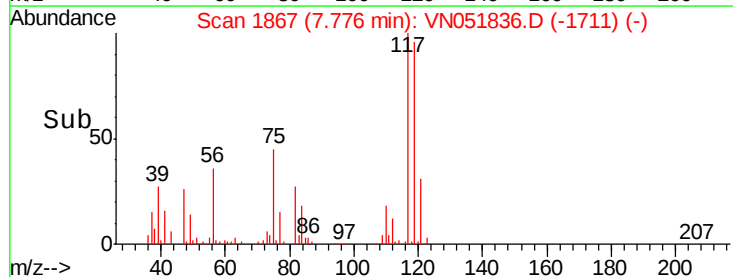
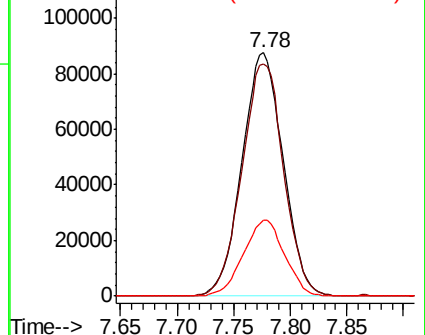
121 31.0 24.2 36.2

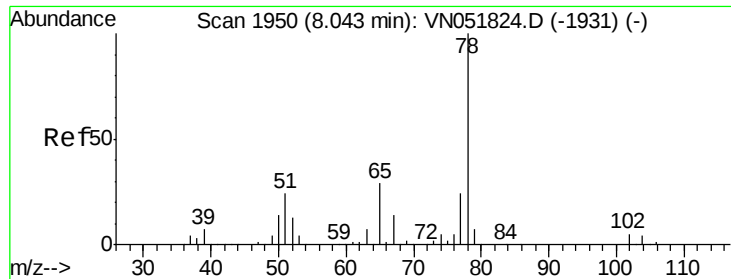


Abundance Ion 117.00 (116.70 to 117.70): VN051824.D (-1846) (-)

Ion 119.00 (118.70 to 119.70): VN051824.D (-1846) (-)

Ion 121.00 (120.70 to 121.70): VN051824.D (-1846) (-)





#34

Benzene

Concen: 20.211 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

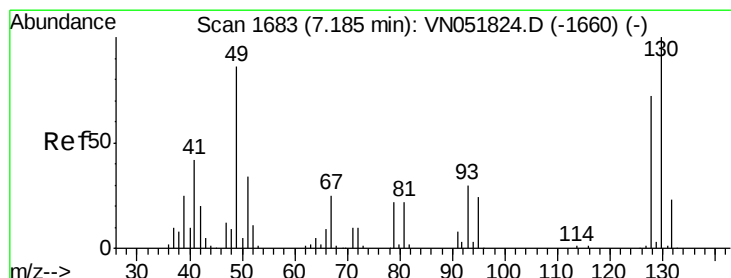
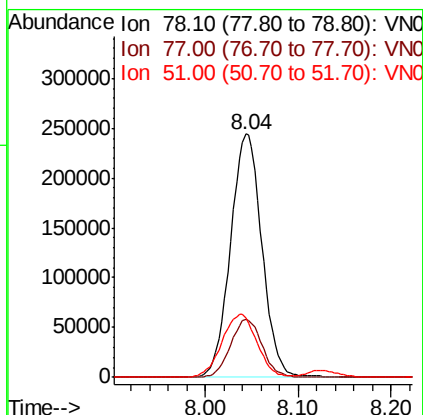
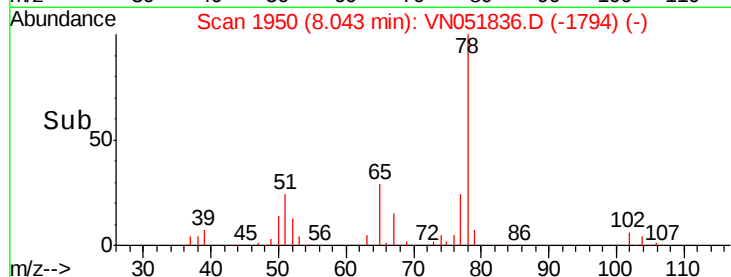
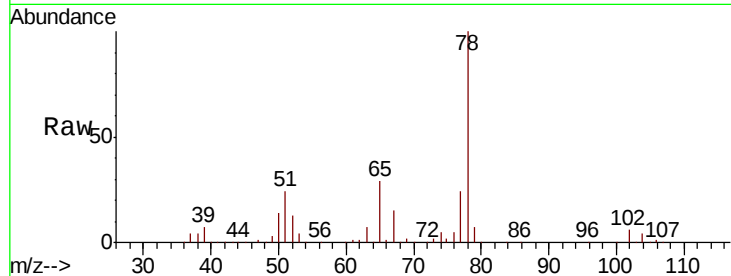
Tot Ion: 78 Resp: 573582

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

51 24.3 46.2 69.4#



#35

Methacrylonitrile

Concen: 17.218 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Tgt Ion: 41 Resp: 45363

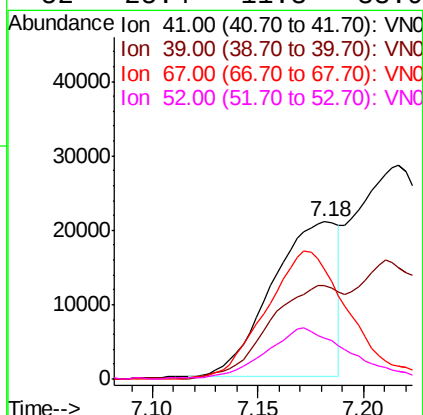
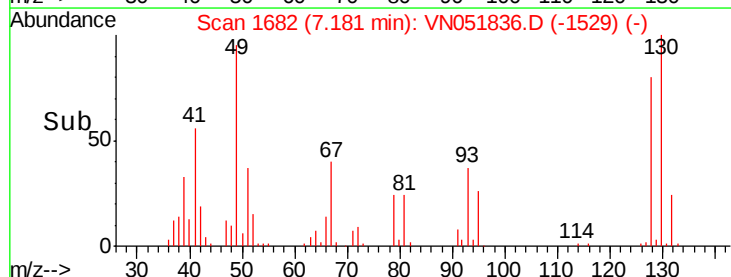
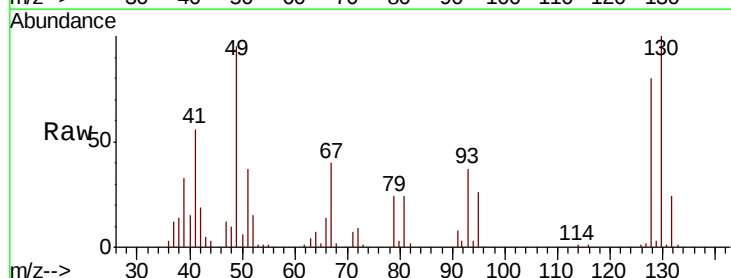
Ion Ratio Lower Upper

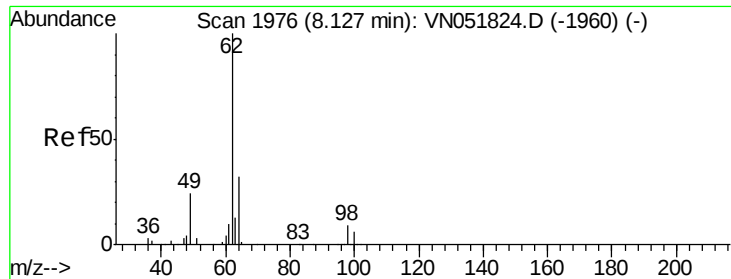
41 100

39 60.3 22.6 67.7

67 70.4 28.9 86.8

52 25.4 11.3 33.9

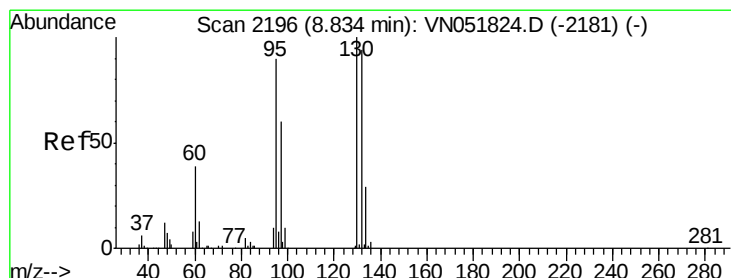
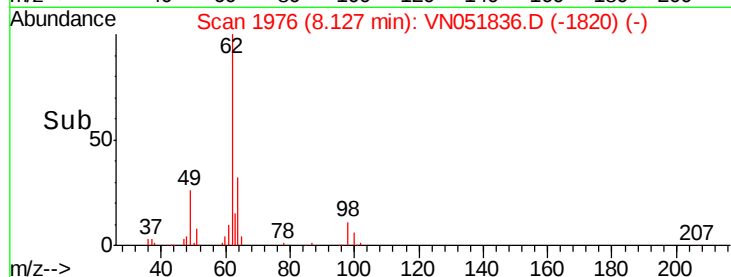
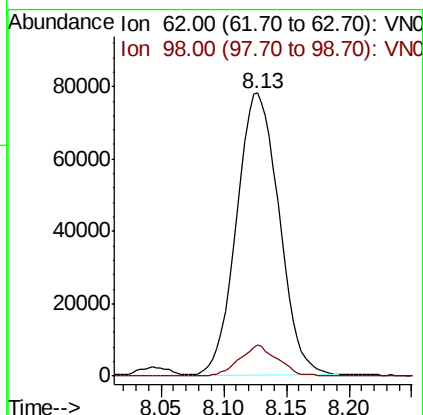
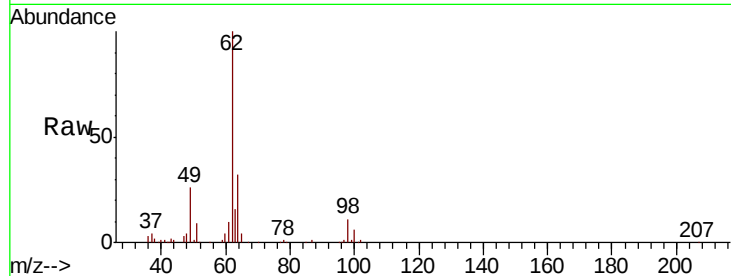




#36
 1,2-Dichloroethane
 Concen: 20.244 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

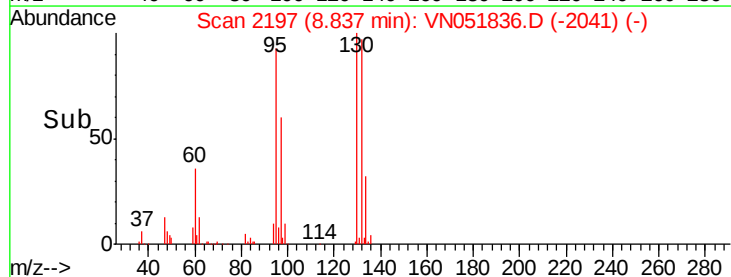
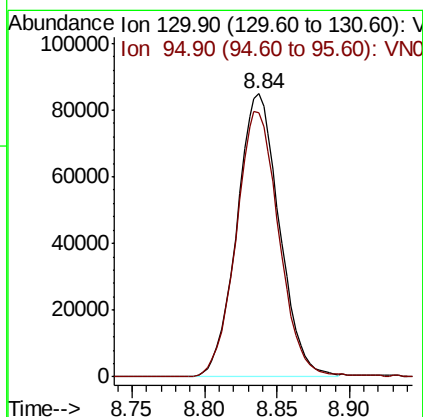
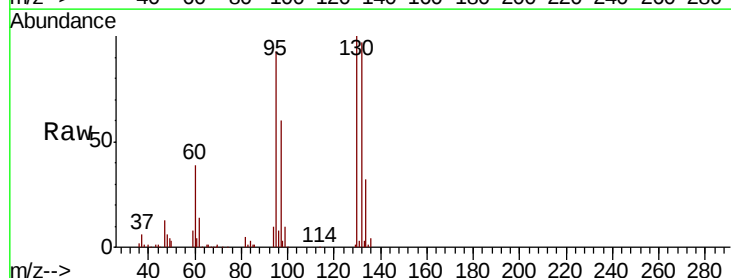
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

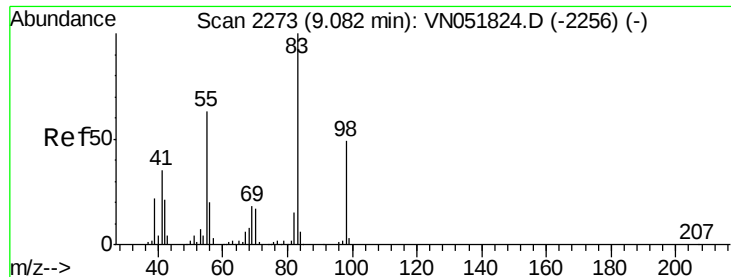
Tot Ion: 62 Resp: 184082
 Ion Ratio Lower Upper
 62 100
 98 9.9 6.9 10.3



#37
 Trichloroethene
 Concen: 19.606 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion: 130 Resp: 172719
 Ion Ratio Lower Upper
 130 100
 95 93.1 76.4 114.6

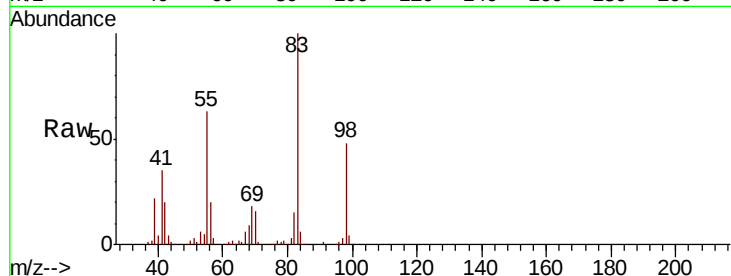




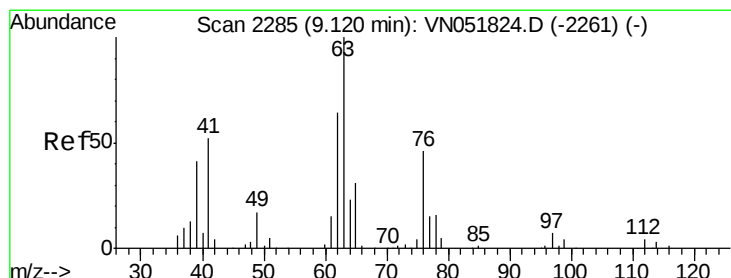
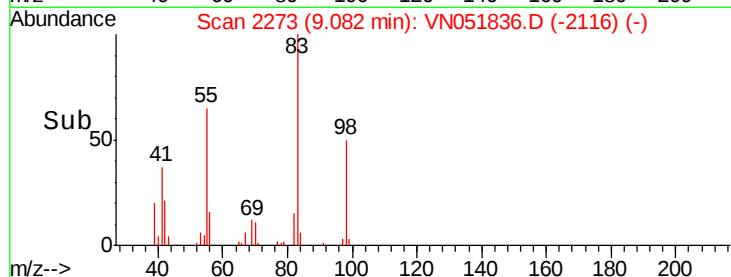
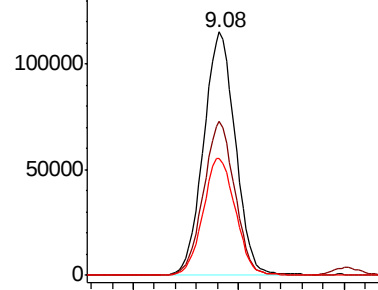
#38
Methylcyclohexane
Concen: 19.572 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

Tot Ion: 83 Resp: 240841
Ion Ratio Lower Upper
83 100
55 62.1 43.0 129.2
98 49.0 21.3 63.7

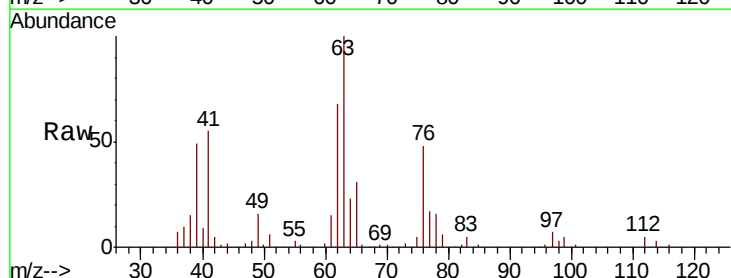


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

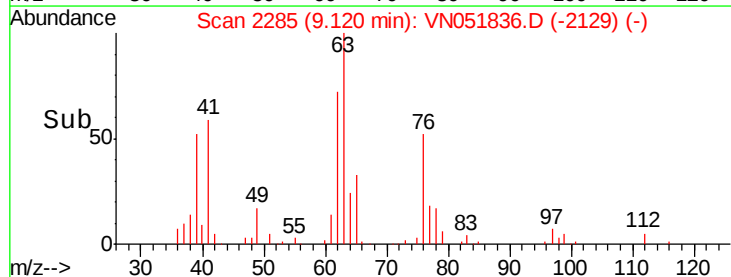
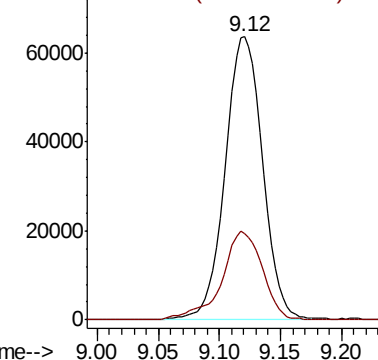


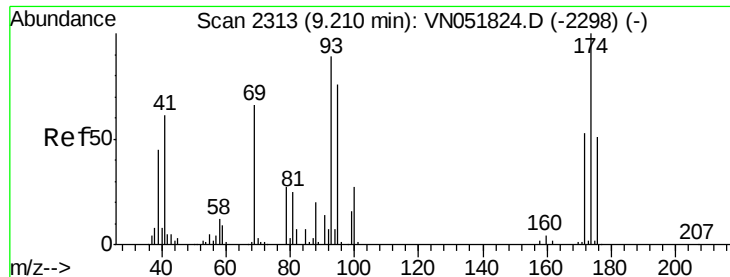
#39
1,2-Dichloropropane
Concen: 20.270 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion: 63 Resp: 135471
Ion Ratio Lower Upper
63 100
65 30.3 23.2 34.8



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 65.00 (64.70 to 65.70): VN0





#40

Dibromomethane

Concen: 20.245 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

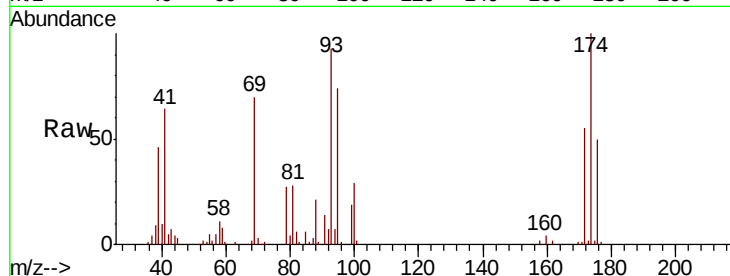
Tot Ion: 93 Resp: 100422

Ion Ratio Lower Upper

93 100

95 81.9 0.0 162.0

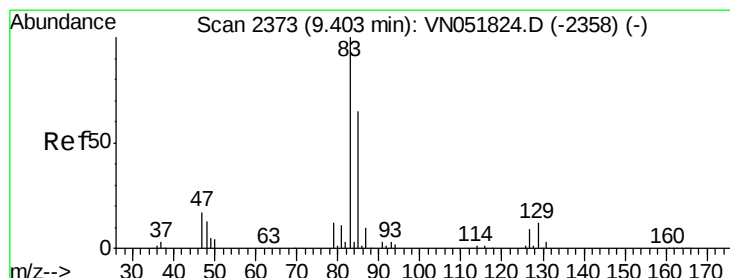
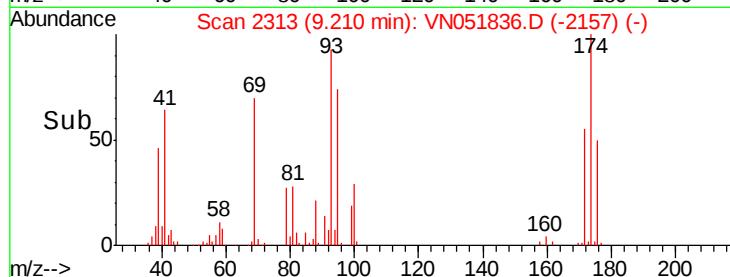
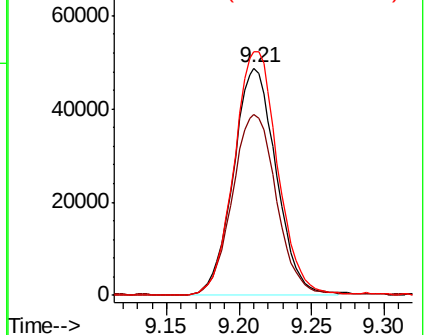
174 109.0 0.0 214.0



Abundance Ion 93.00 (92.70 to 93.70): VN051824.D (-2298) (-)

Ion 95.00 (94.70 to 95.70): VN051824.D (-2298) (-)

Ion 174.00 (173.70 to 174.70): VN051824.D (-2298) (-)



#41

Bromodichloromethane

Concen: 19.413 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

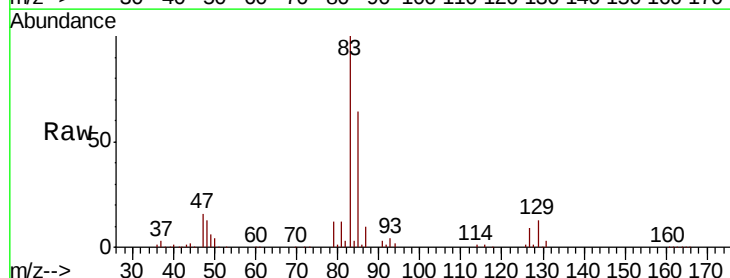
Tgt Ion: 83 Resp: 198893

Ion Ratio Lower Upper

83 100

85 63.7 55.7 83.5

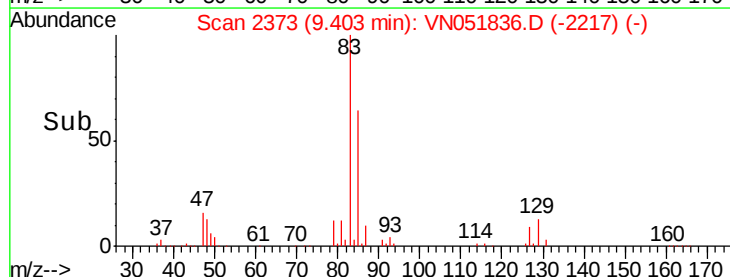
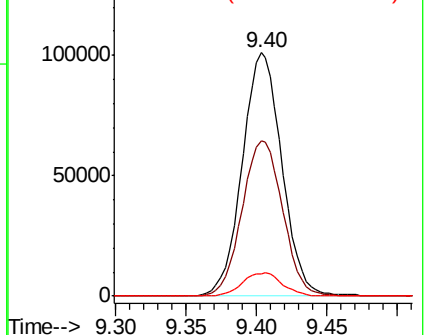
127 10.0 8.2 12.4

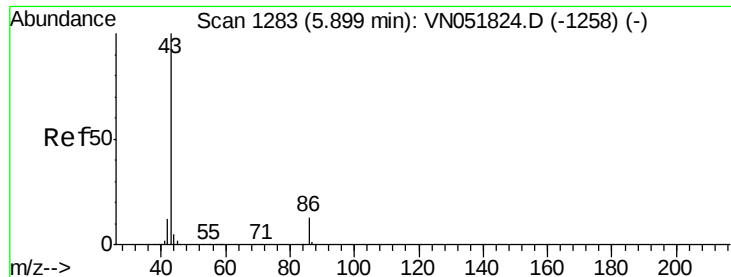


Abundance Ion 83.00 (82.70 to 83.70): VN051824.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN051824.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN051824.D (-2358) (-)





#42

Vinyl Acetate

Concen: 100.250 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampled :

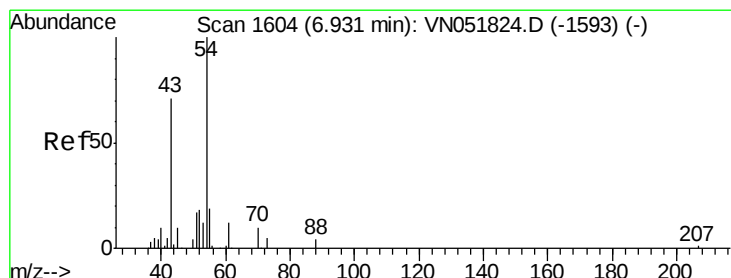
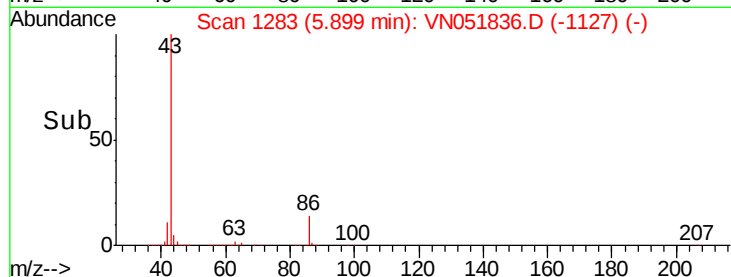
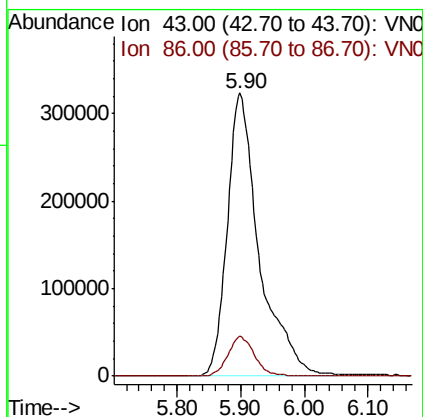
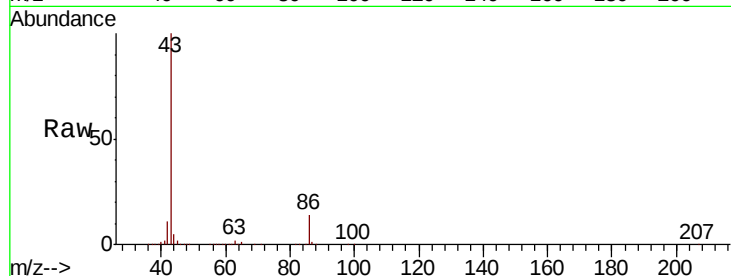
VN1012WBSD01

Tot Ion: 43 Resp: 1131659

Ion Ratio Lower Upper

43 100

86 11.6 6.5 9.7#



#43

Ethyl Acetate

Concen: 20.985 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VN051836.D

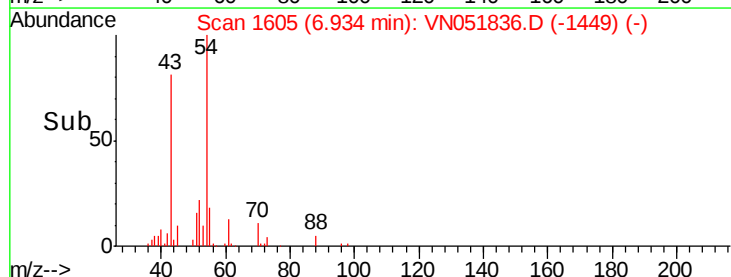
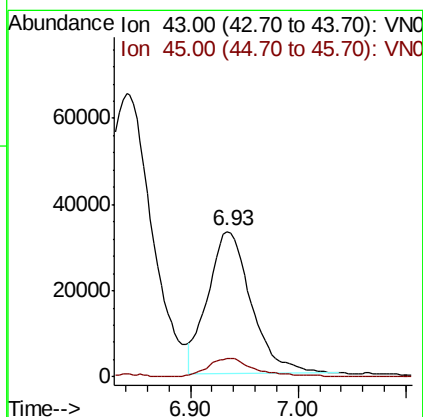
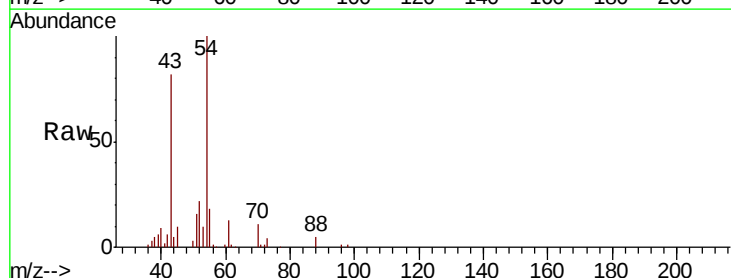
Acq: 12 Oct 2018 16:40

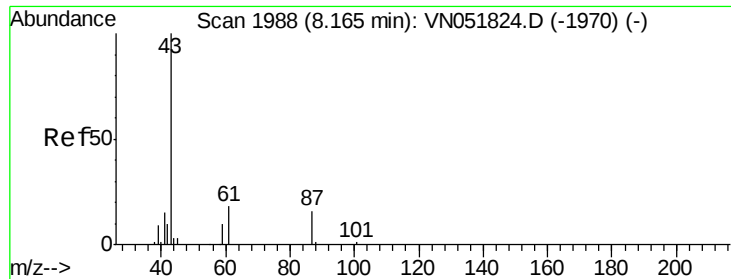
Tgt Ion: 43 Resp: 91372

Ion Ratio Lower Upper

43 100

45 14.1 11.0 16.6



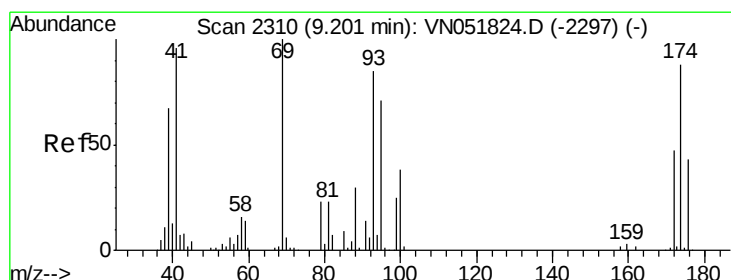
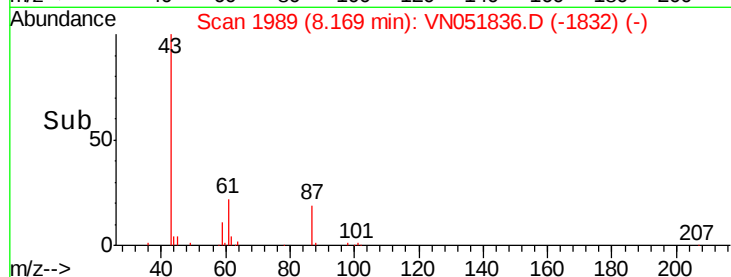
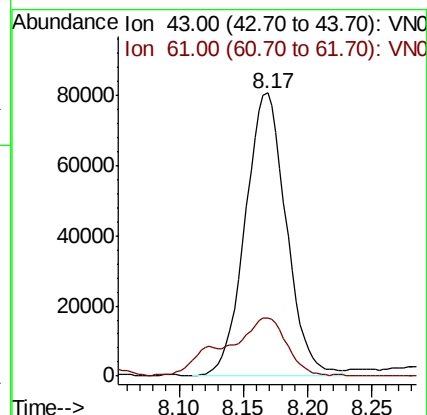
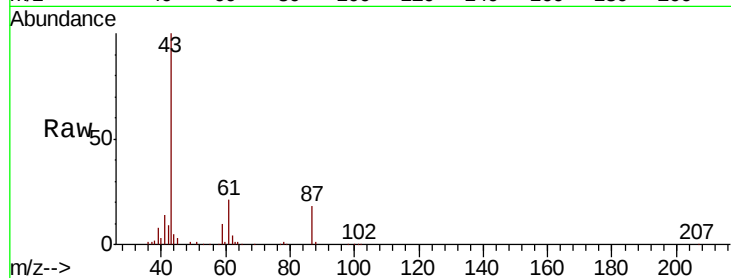


#44

Isopropyl Acetate
 Concen: 20.404 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

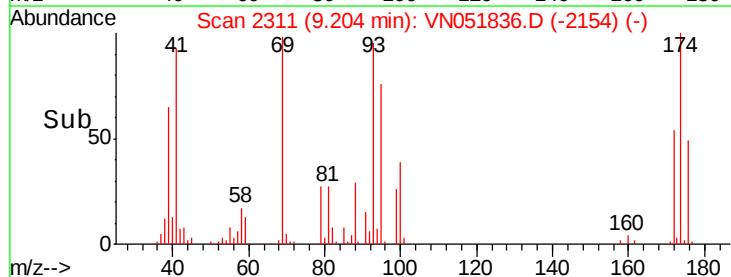
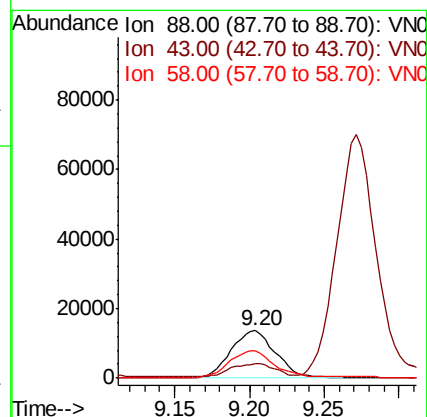
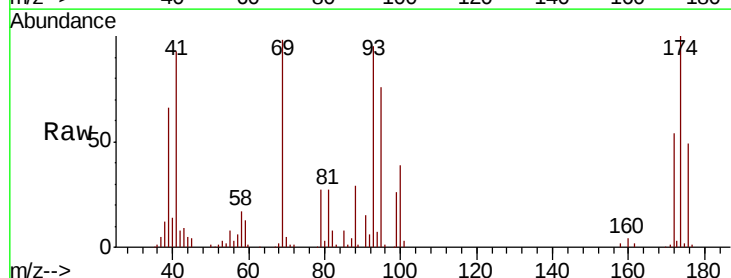
Tot Ion: 43 Resp: 177453
 Ion Ratio Lower Upper
 43 100
 61 19.4 15.9 23.9

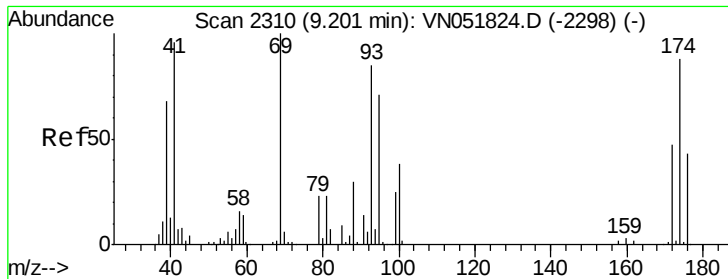


#45

1,4-Dioxane
 Concen: 409.148 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion: 88 Resp: 28572
 Ion Ratio Lower Upper
 88 100
 43 27.7 26.2 39.2
 58 57.3 65.6 98.4#

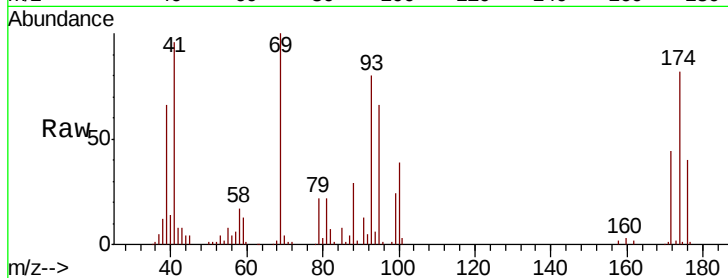




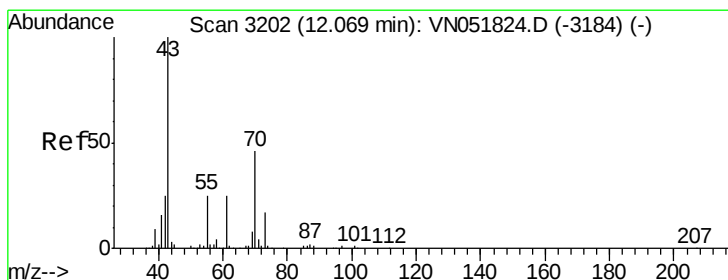
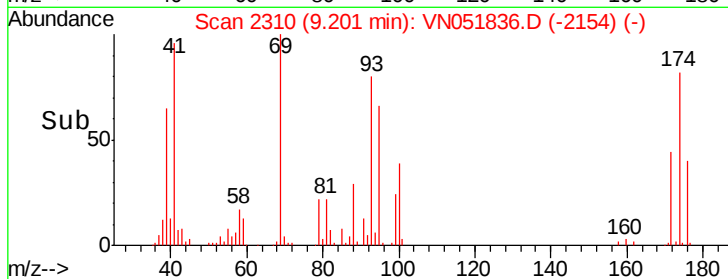
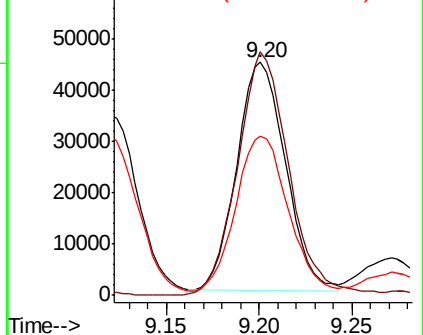
#46
Methyl methacrylate
Concen: 20.264 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

Tot Ion: 41 Resp: 81289
Ion Ratio Lower Upper
41 100
69 106.0 40.7 122.1
39 68.2 27.3 81.9

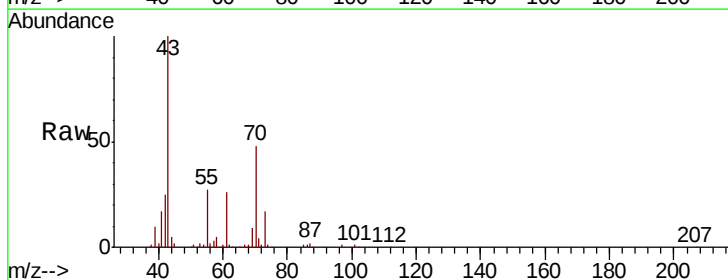


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

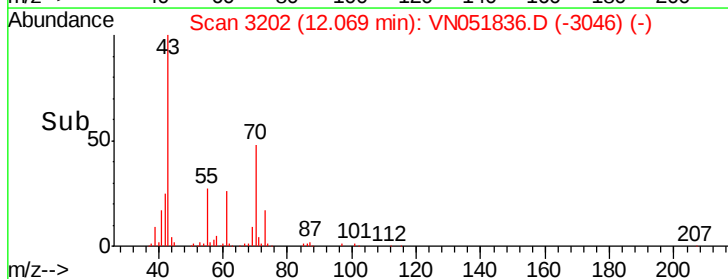
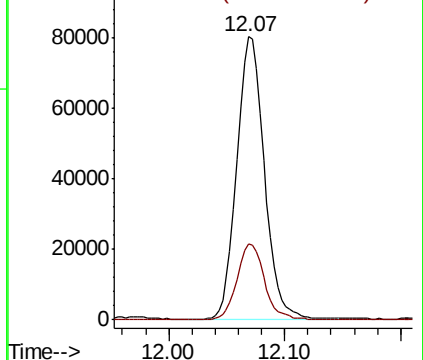


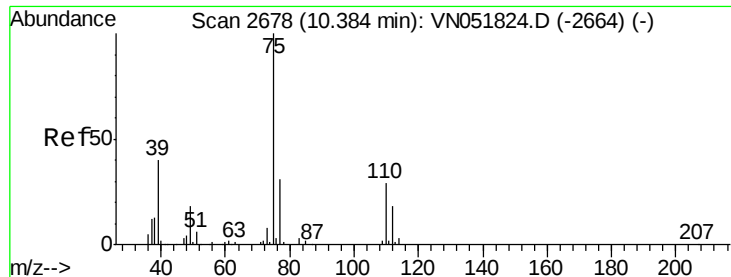
#47
n-ethyl Acetate
Concen: 18.176 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion: 43 Resp: 132332
Ion Ratio Lower Upper
43 100
55 26.6 12.2 18.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 55.00 (54.70 to 55.70): VN0





#48

t-1,3-Dichloropropene

Concen: 18.416 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

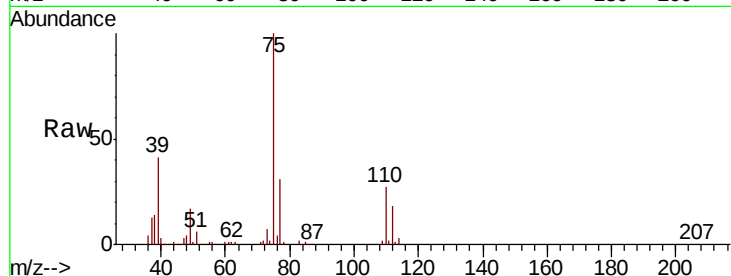
VN1012WBSD01

Tot Ion: 75 Resp: 184000

Ion Ratio Lower Upper

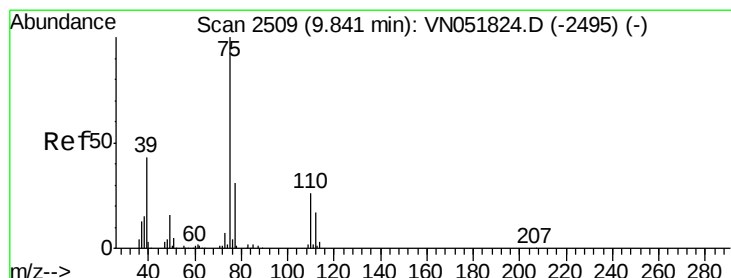
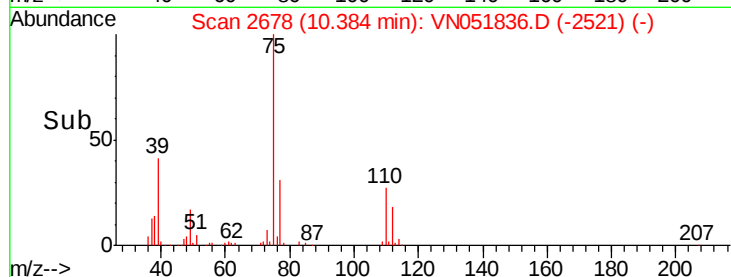
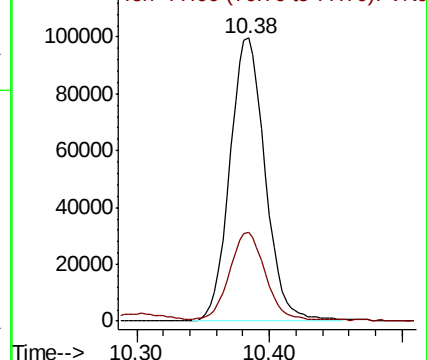
75 100

77 30.8 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#49

cis-1,3-Dichloropropene

Concen: 18.798 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

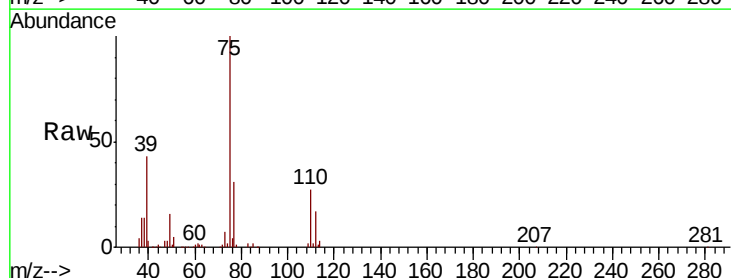
Tgt Ion: 75 Resp: 207037

Ion Ratio Lower Upper

75 100

77 31.5 23.2 34.8

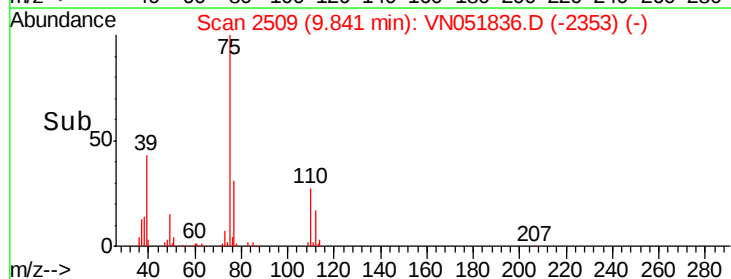
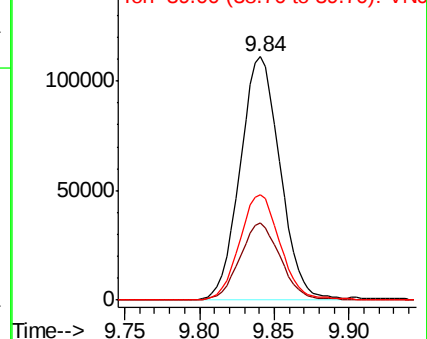
39 43.2 34.6 52.0

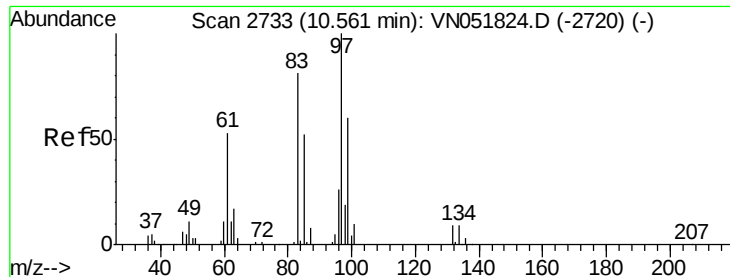


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

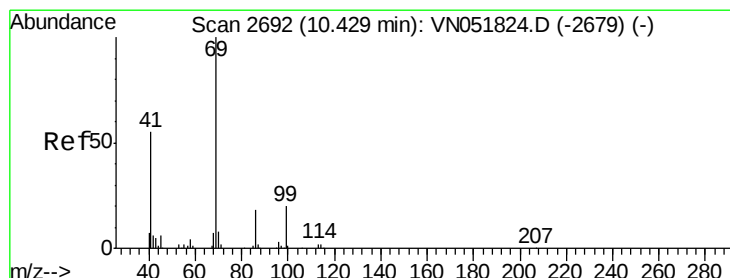
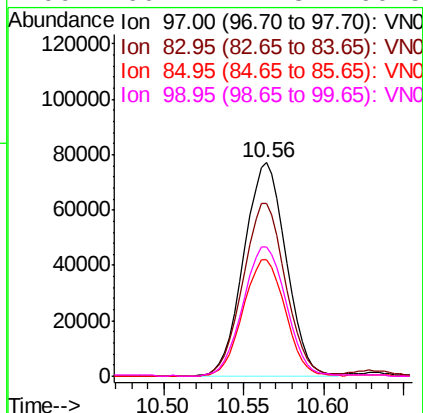
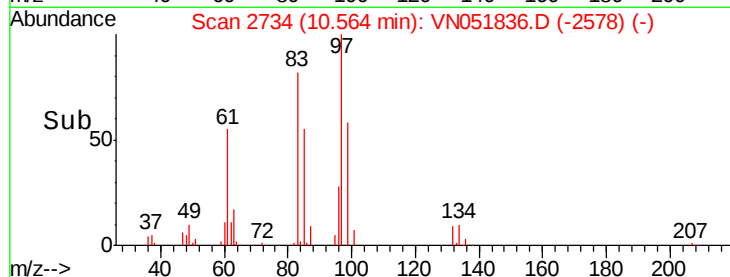
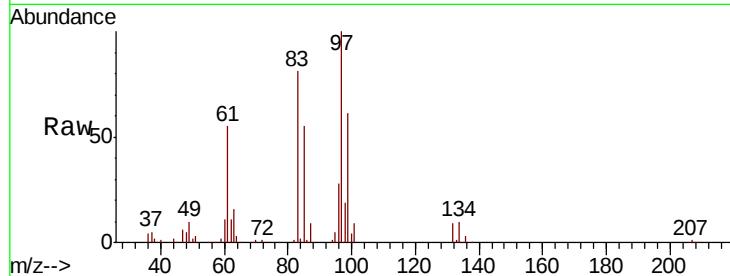




#50
1,1,2-Trichloroethane
Concen: 20.364 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

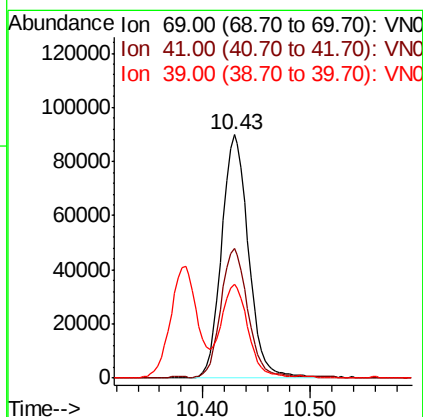
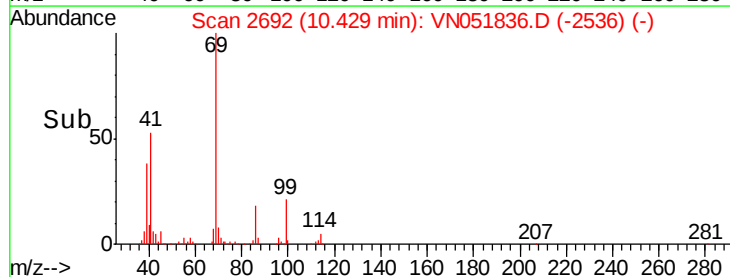
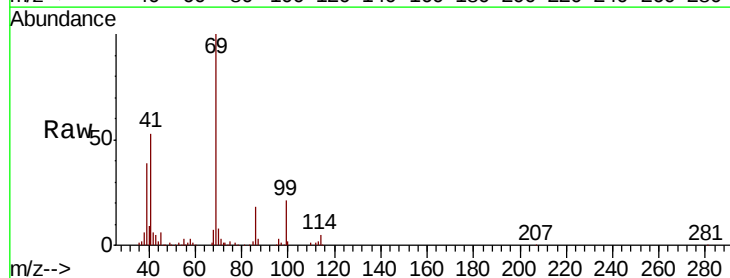
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

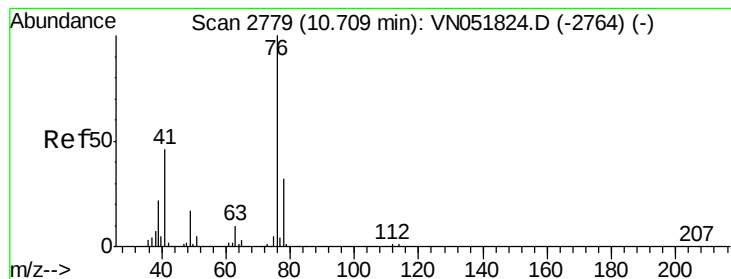
Tot Ion:	97	Resp:	139564
Ion	Ratio	Lower	Upper
97	100		
83	81.1	68.2	102.4
85	54.8	42.5	63.7
99	60.7	44.3	66.5



#51
Ethyl methacrylate
Concen: 20.030 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion:	69	Resp:	157157
Ion	Ratio	Lower	Upper
69	100		
41	52.7	34.4	103.1
39	38.3	16.3	48.8





#52

1,3-Dichloropropane

Concen: 20.399 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampled :

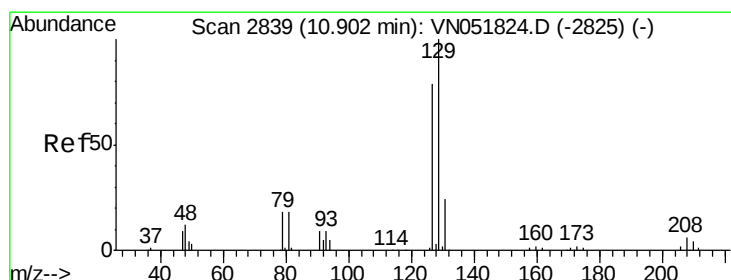
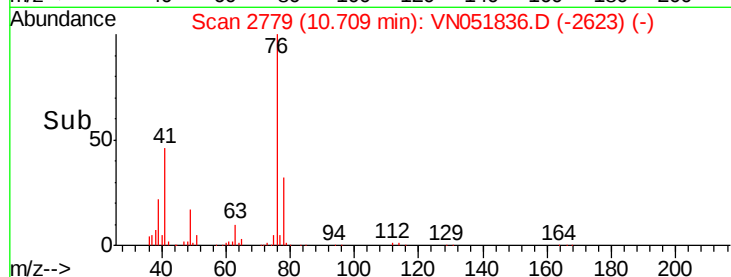
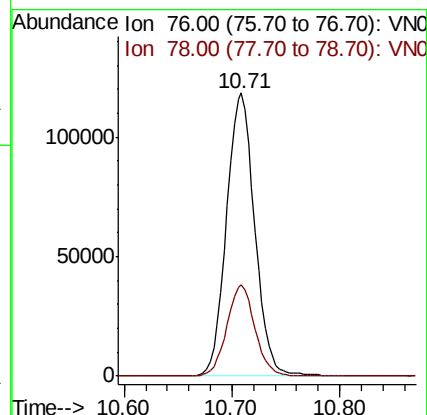
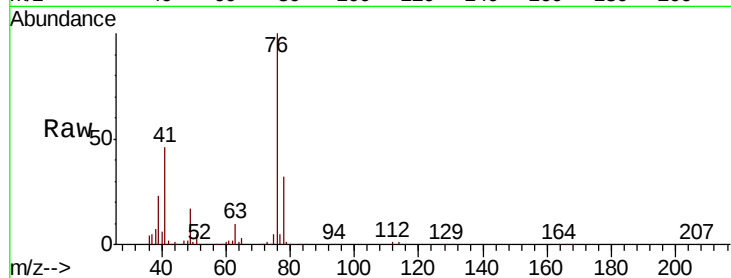
VN1012WBSD01

Tot Ion: 76 Resp: 215768

Ion Ratio Lower Upper

76 100

78 32.0 0.0 67.6



#53

Dibromochloromethane

Concen: 18.340 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN051836.D

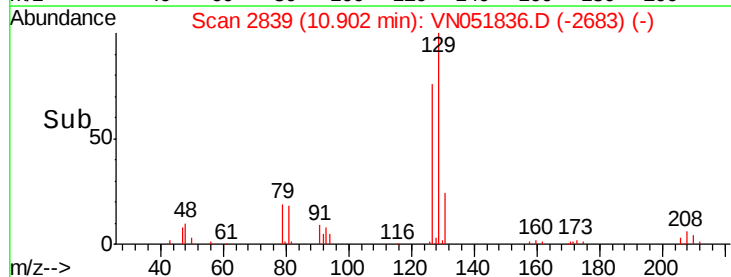
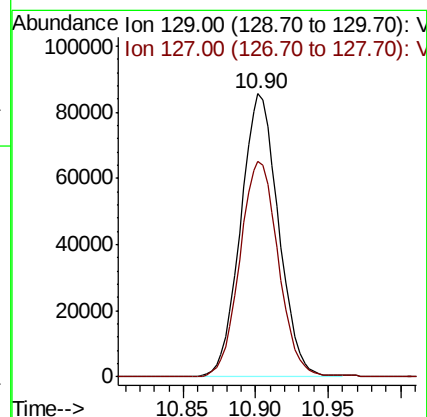
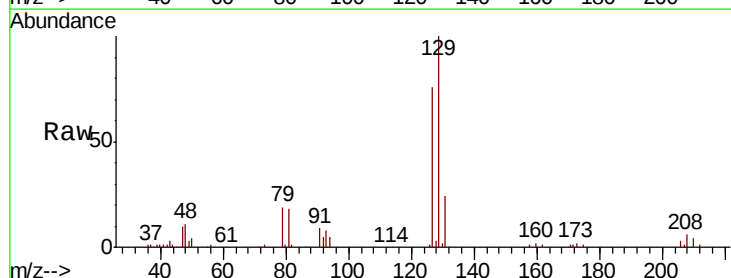
Acq: 12 Oct 2018 16:40

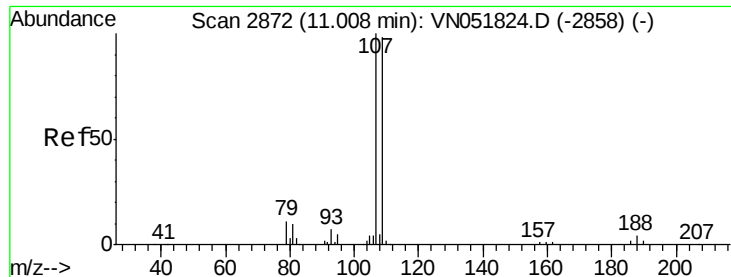
Tgt Ion: 129 Resp: 155491

Ion Ratio Lower Upper

129 100

127 77.1 40.2 120.5

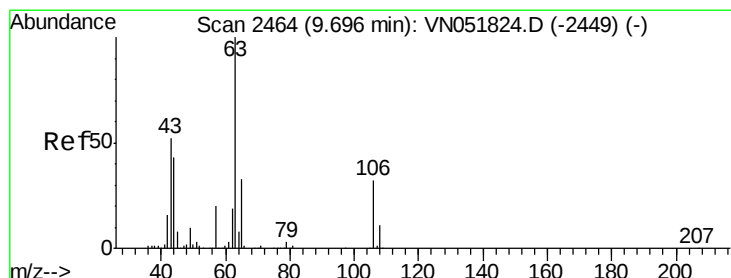
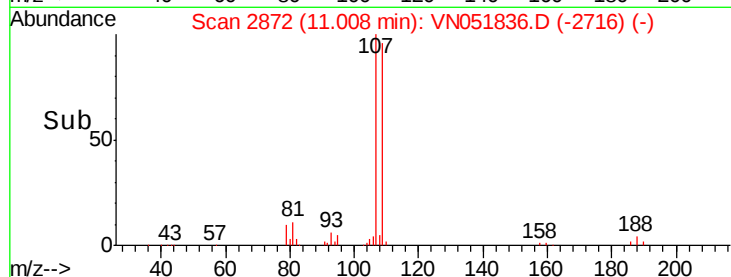
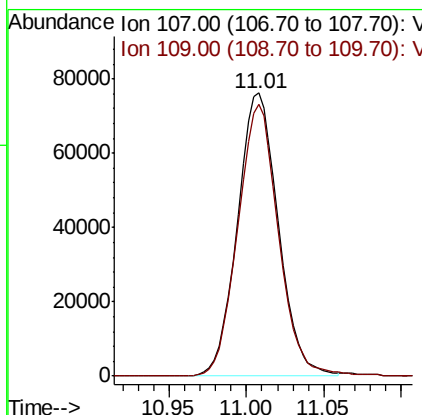
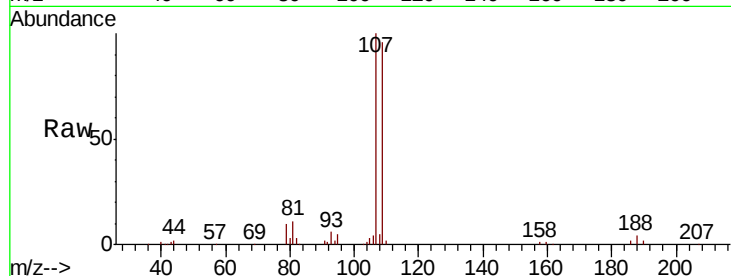




#54
 1,2-Dibromoethane
 Concen: 19.450 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

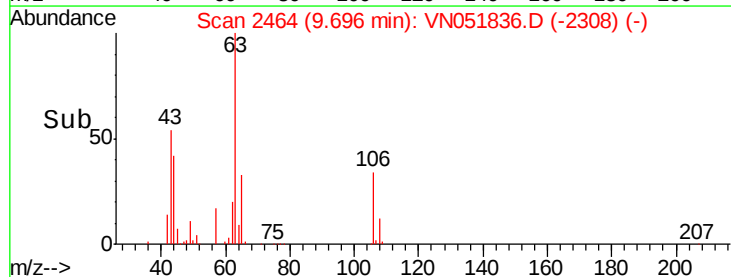
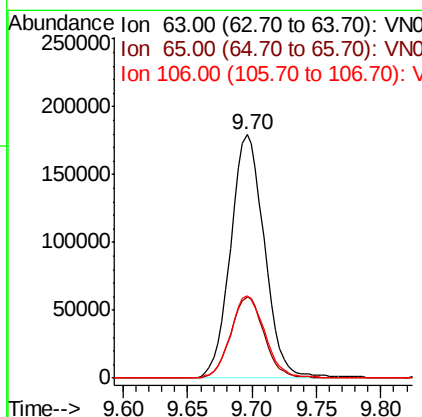
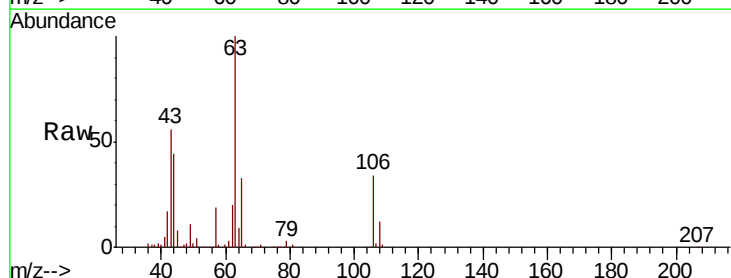
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

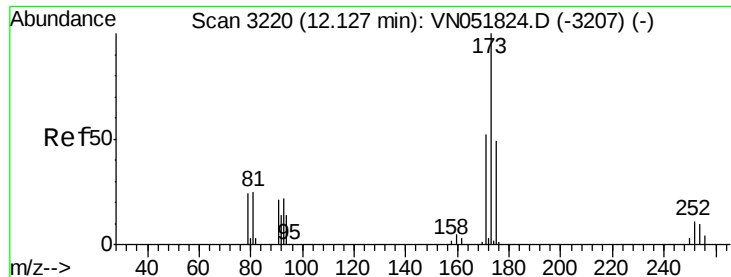
Tot Ion:107 Resp: 139918
 Ion Ratio Lower Upper
 107 100
 109 95.9 77.4 116.0



#55
 2-Chloroethyl vinyl ether
 Concen: 97.604 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion: 63 Resp: 327387
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.4 38.0
 106 34.5 21.2 31.8#

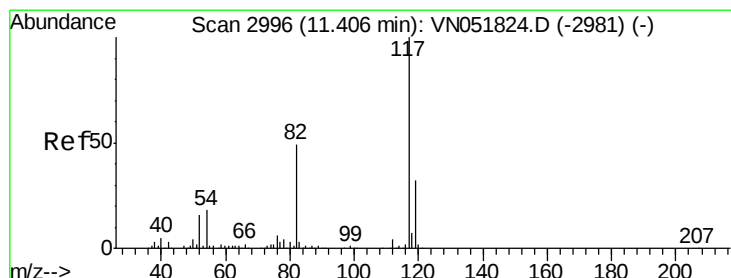
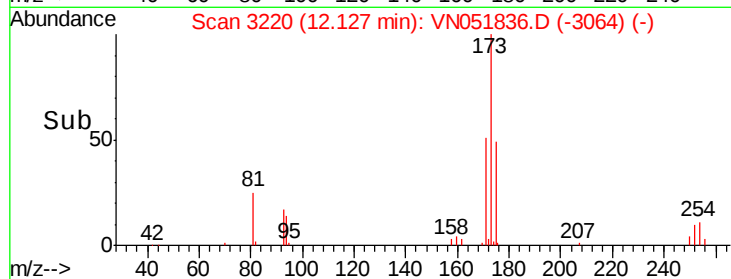
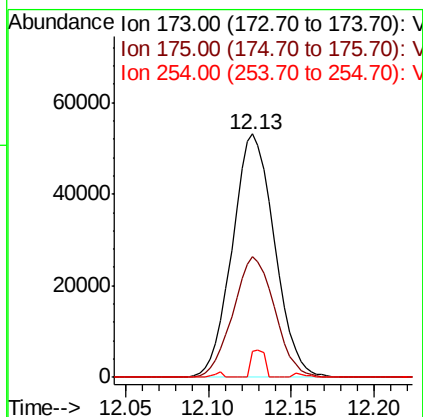
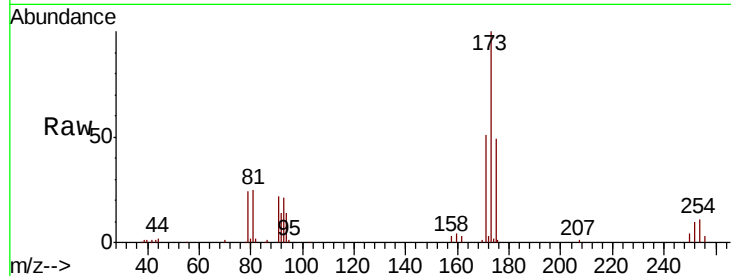




#56
Bromoform
Concen: 16.859 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

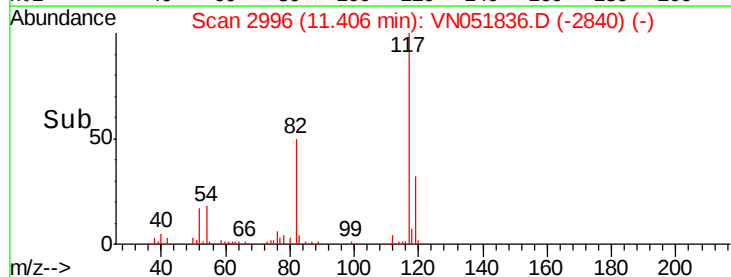
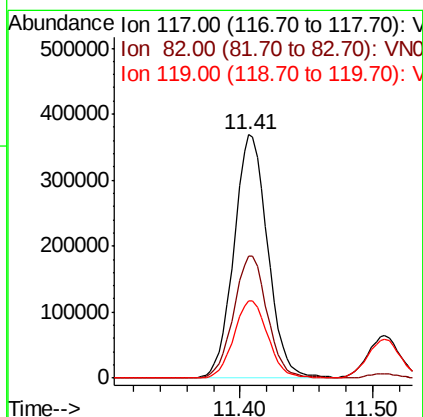
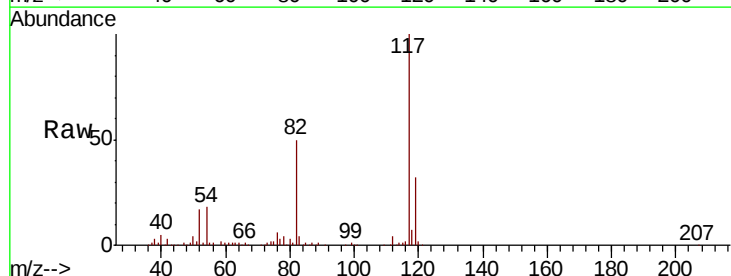
Instrument :
MSVOA_N
ClientSampled :
VN1012WBSD01

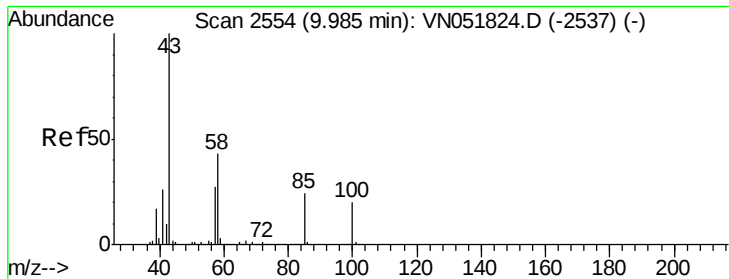
Tot Ion:173 Resp: 94268
Ion Ratio Lower Upper
173 100
175 48.7 35.8 53.8
254 3.5 8.6 13.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion:117 Resp: 652311
Ion Ratio Lower Upper
117 100
82 50.0 44.1 66.1
119 32.1 25.8 38.8

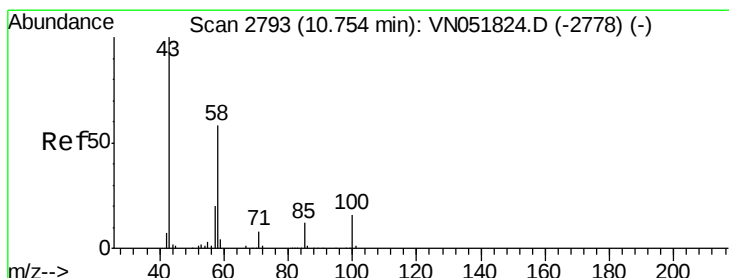
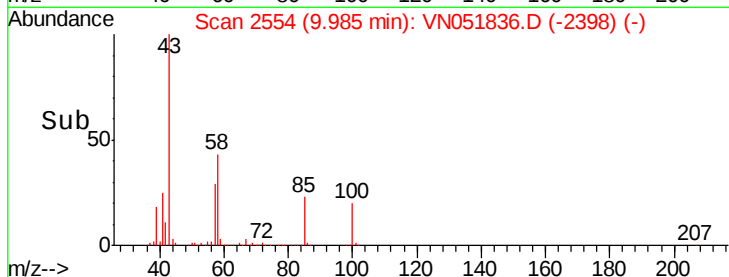
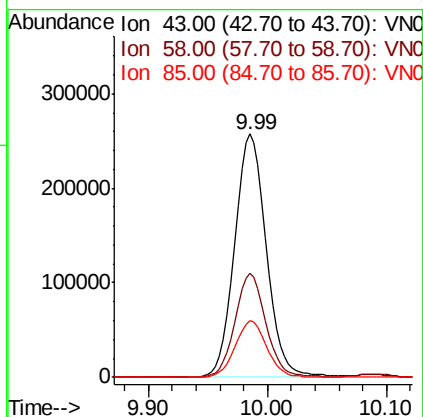
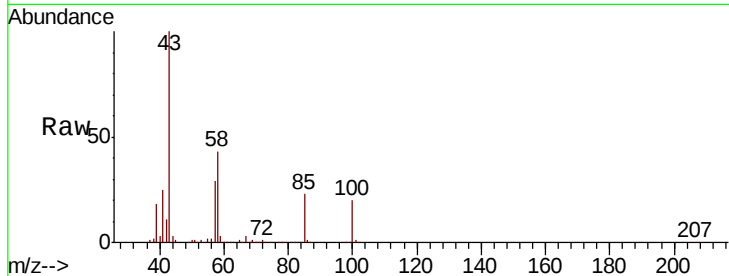




#58
 4-Methyl-2-Pentanone
 Concen: 108.640 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

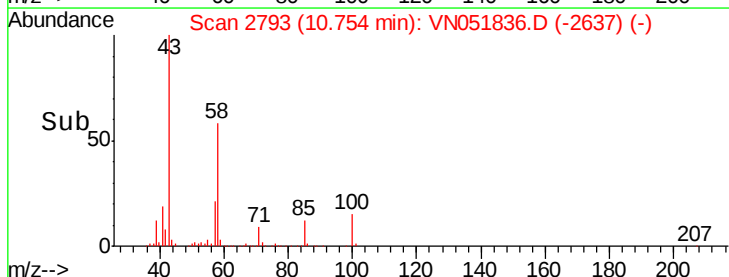
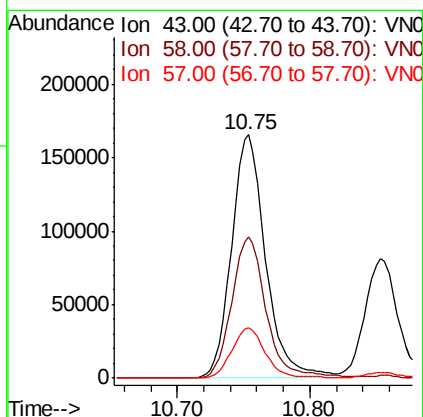
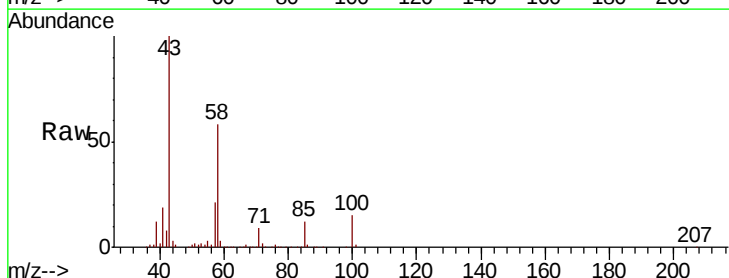
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

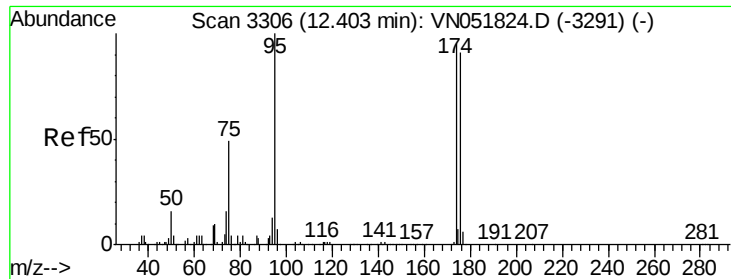
Tot Ion	Ratio	Lower	Upper
43	100		
58	41.8	29.3	43.9
85	23.2	12.6	18.8#



#59
 2-Hexanone
 Concen: 99.959 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	58.5	41.3	61.9
57	19.9	13.4	20.0

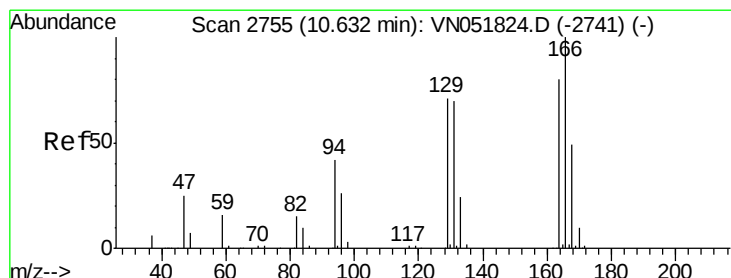
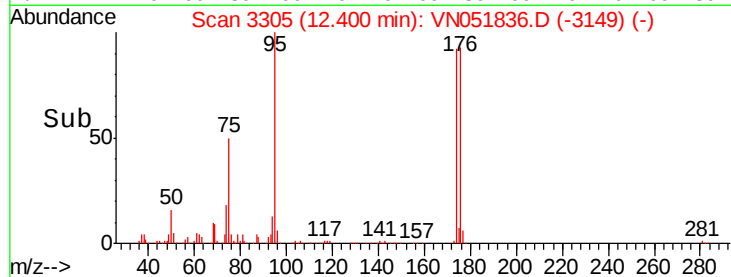
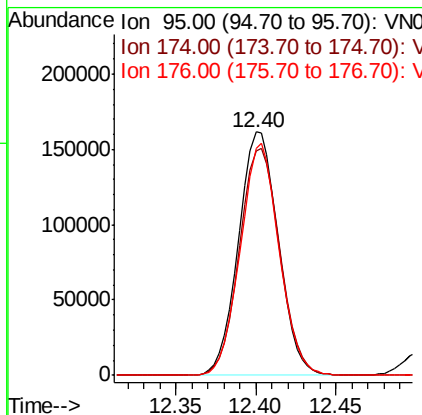
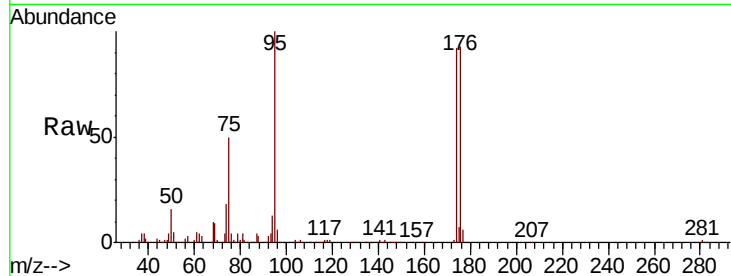




#60
4-Bromofluorobenzene
Concen: 99.959 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

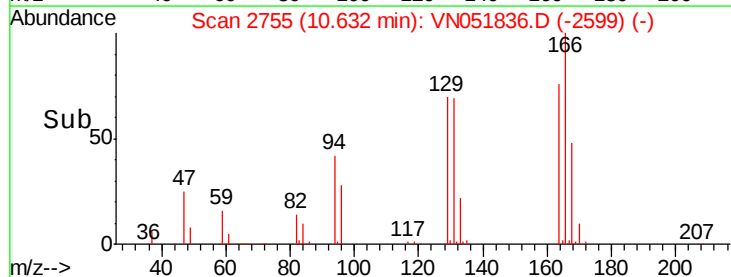
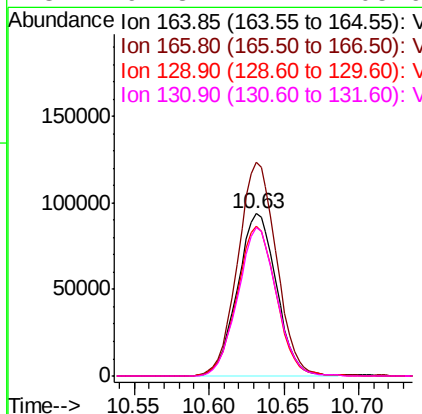
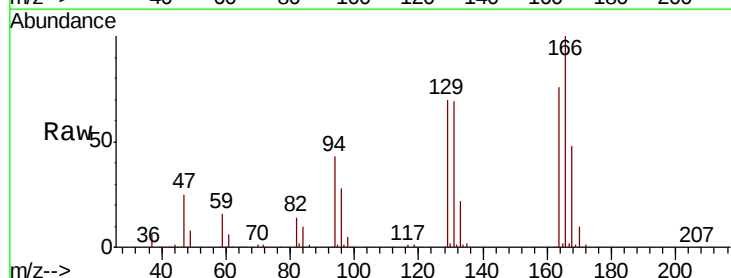
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

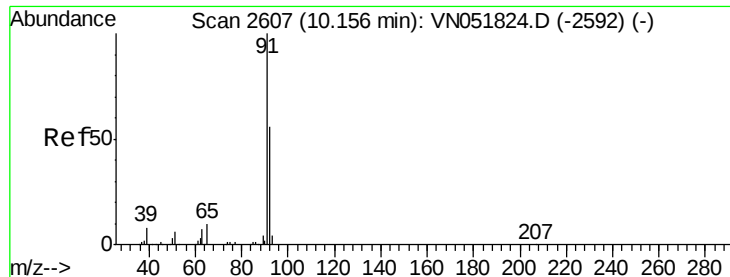
Tot Ion: 95 Resp: 273471
Ion Ratio Lower Upper
95 100
174 94.8 73.5 110.3
176 92.9 70.2 105.2



#61
Tetrachloroethene
Concen: 20.401 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion: 164 Resp: 170184
Ion Ratio Lower Upper
164 100
166 131.7 98.7 148.1
129 91.9 69.6 104.4
131 91.3 72.4 108.6





#62

Toluene

Concen: 20.409 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

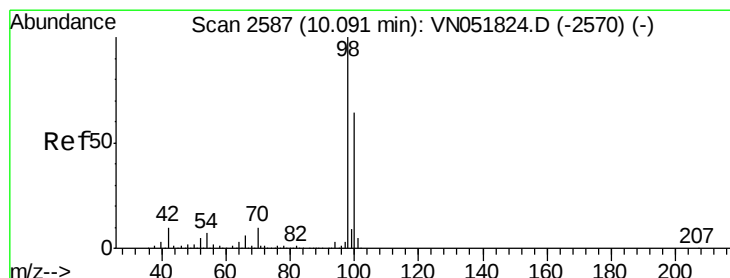
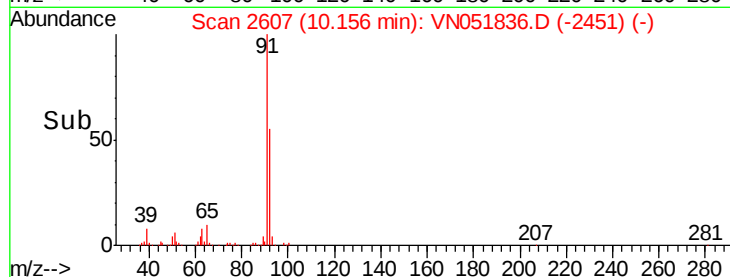
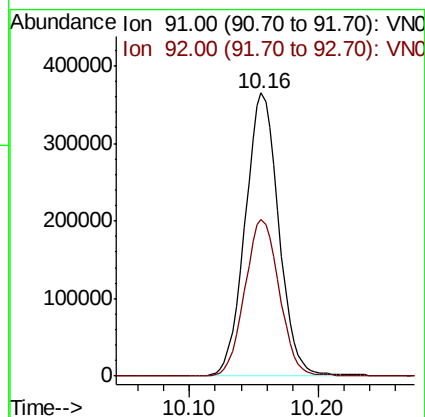
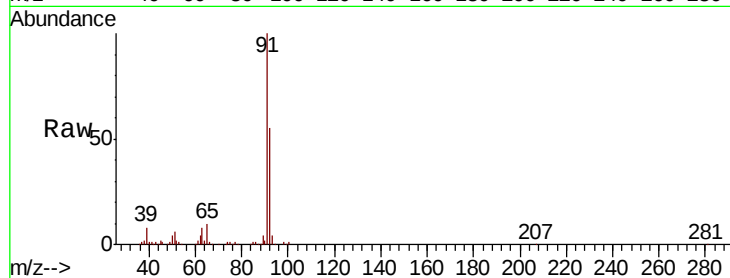
VN1012WBSD01

Tot Ion: 91 Resp: 661361

Ion Ratio Lower Upper

91 100

92 56.9 44.6 66.8



#63

Toluene-d8

Concen: 20.409 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051836.D

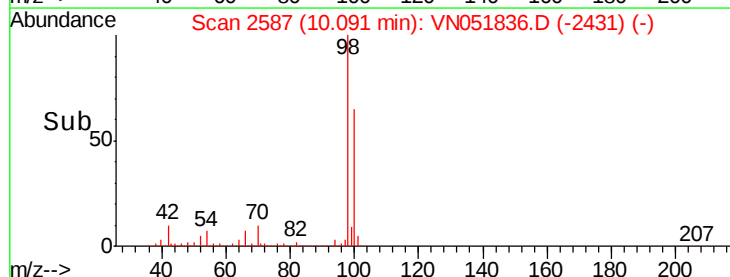
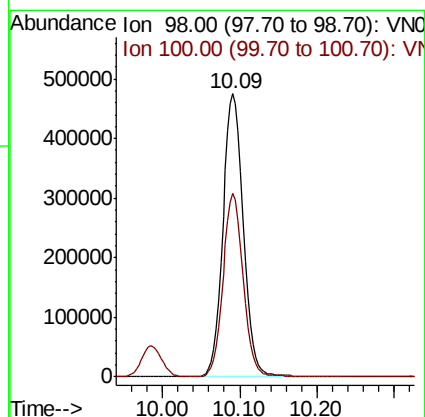
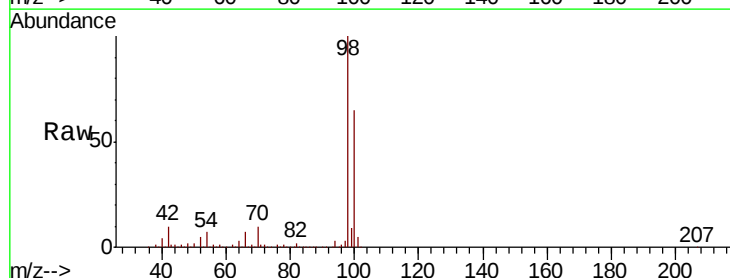
Acq: 12 Oct 2018 16:40

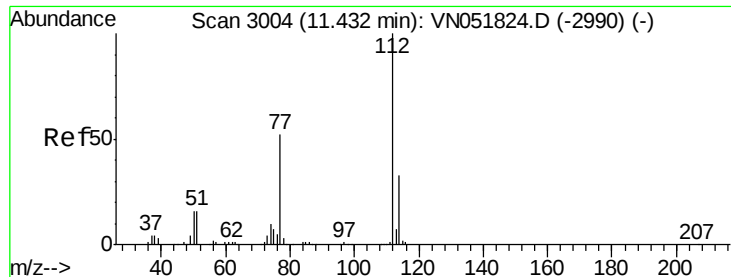
Tgt Ion: 98 Resp: 876626

Ion Ratio Lower Upper

98 100

100 63.0 50.8 76.2

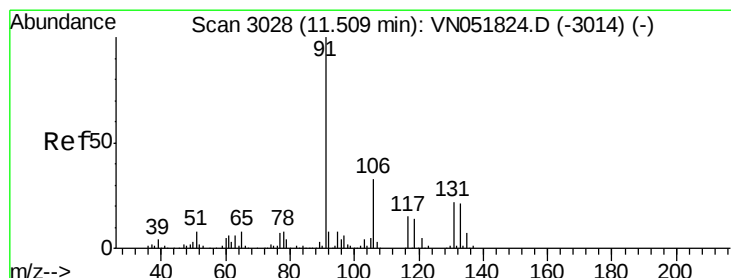
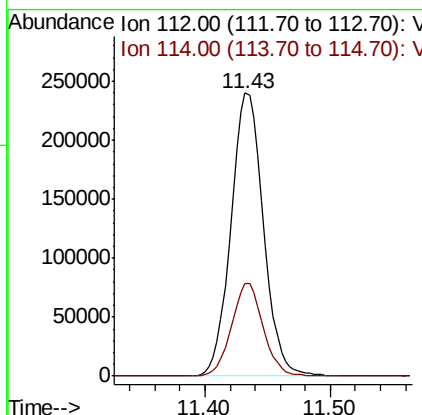
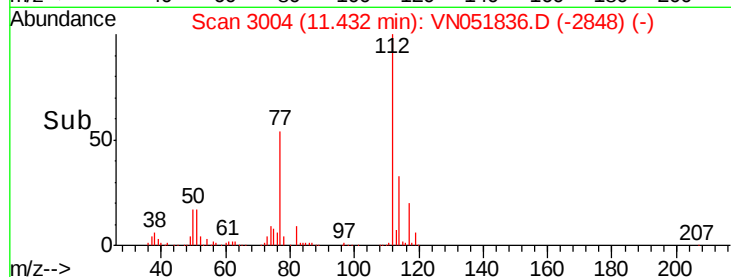
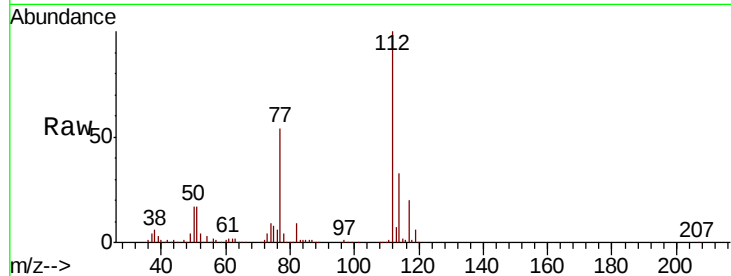




#64
Chlorobenzene
Concen: 20.327 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

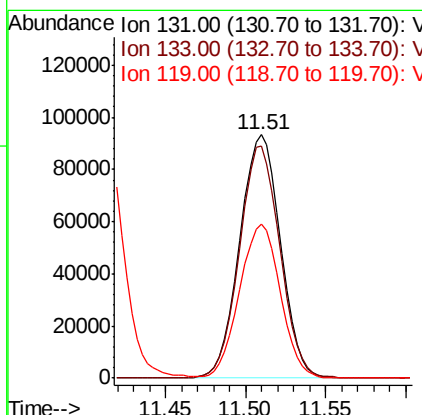
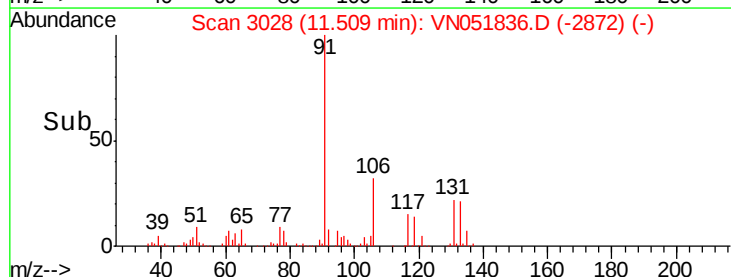
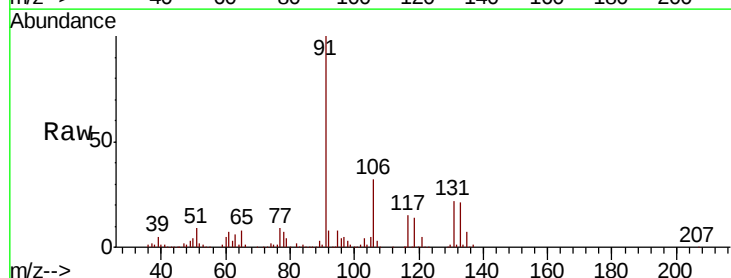
Instrument :
MSVOA_N
ClientSampled :
VN1012WBSD01

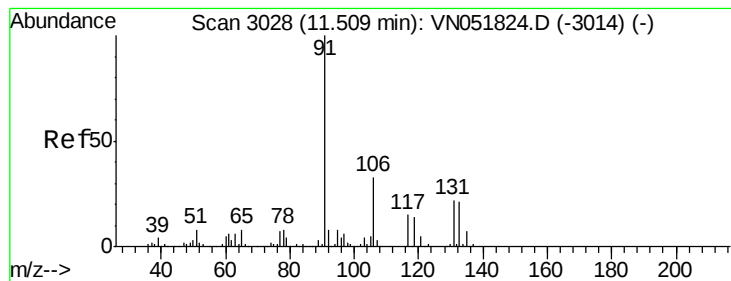
Tot Ion:112 Resp: 431401
Ion Ratio Lower Upper
112 100
114 32.7 27.5 41.3



#65
1,1,1,2-Tetrachloroethane
Concen: 19.974 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion:131 Resp: 162706
Ion Ratio Lower Upper
131 100
133 94.7 0.0 190.4
119 63.5 0.0 128.0





#66

Ethyl Benzene

Concen: 20.146 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampled :

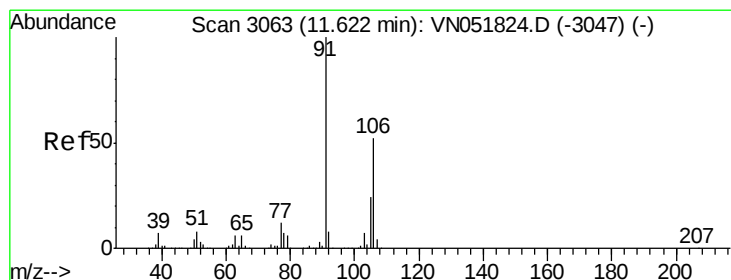
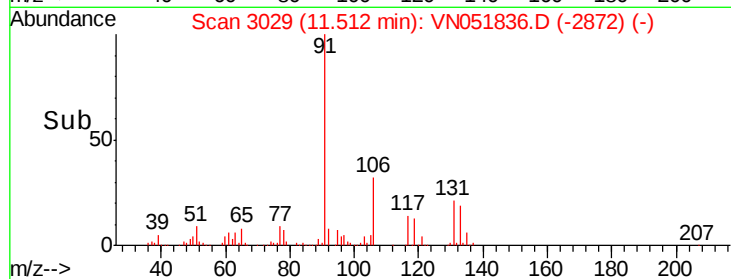
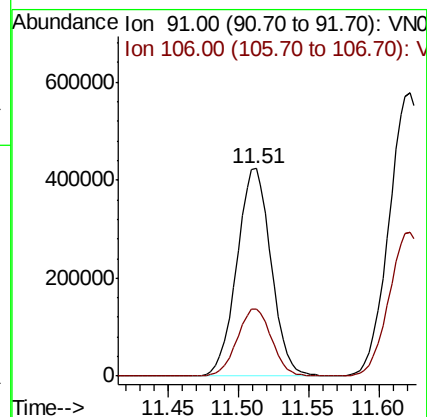
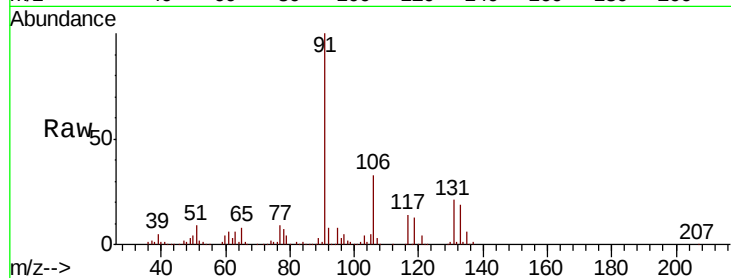
VN1012WBSD01

Tot Ion: 91 Resp: 721523

Ion Ratio Lower Upper

91 100

106 32.5 25.9 38.9



#67

m/p-Xylenes

Concen: 39.654 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051836.D

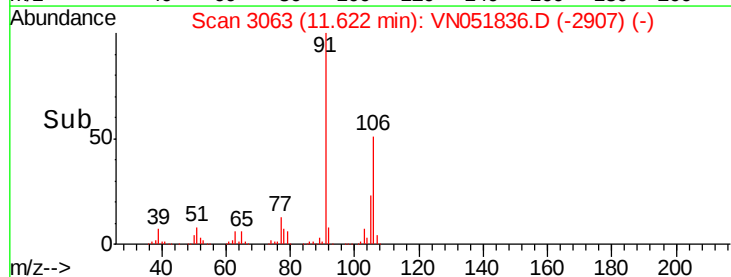
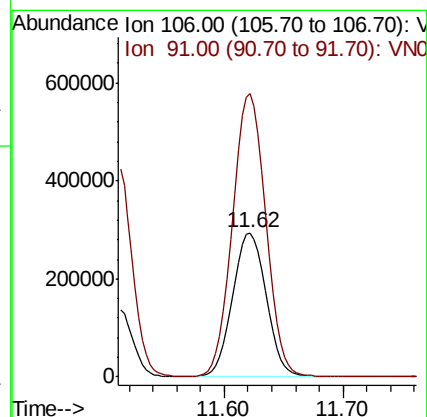
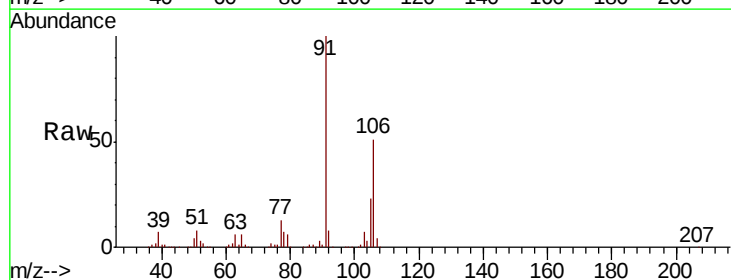
Acq: 12 Oct 2018 16:40

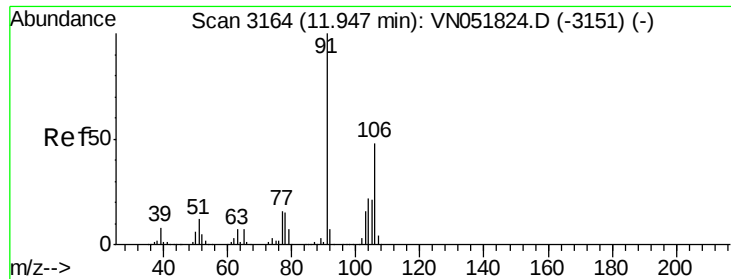
Tgt Ion: 106 Resp: 575786

Ion Ratio Lower Upper

106 100

91 195.2 158.8 238.2

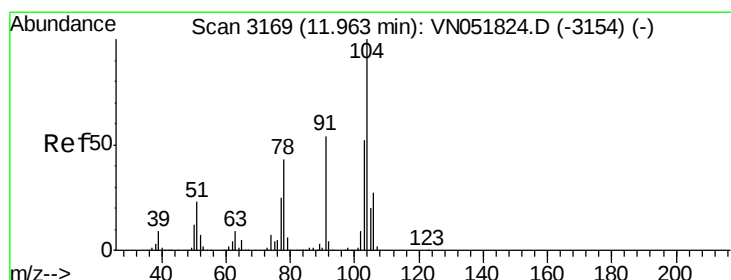
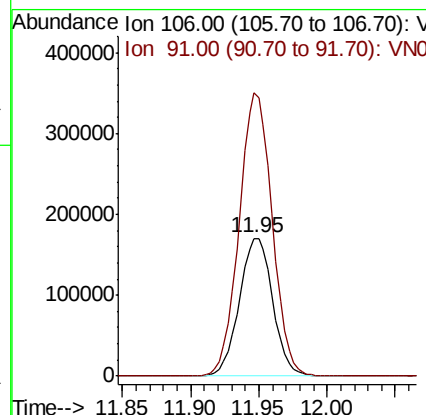
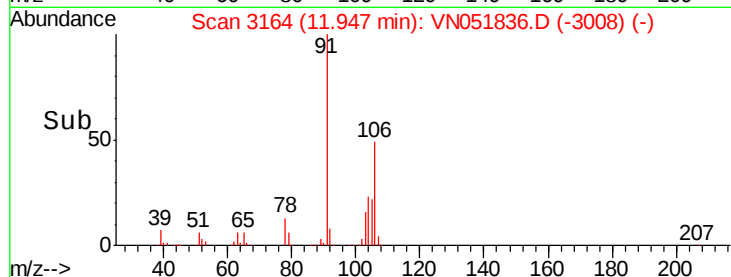
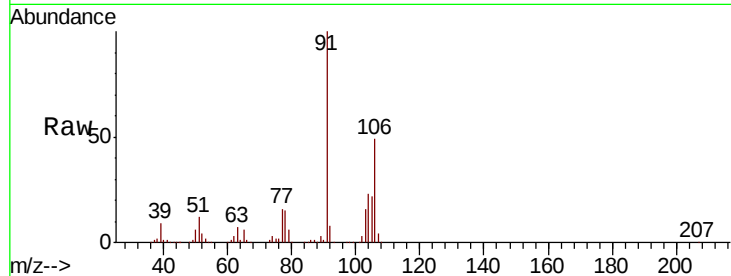




#68
o-Xylene
Concen: 20.193 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

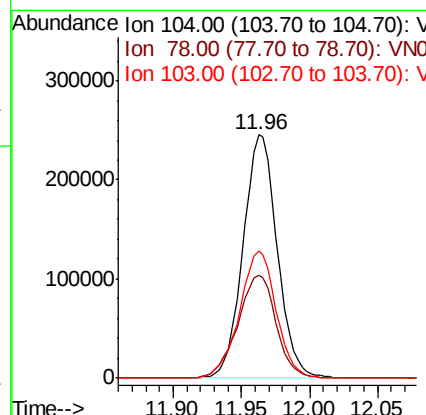
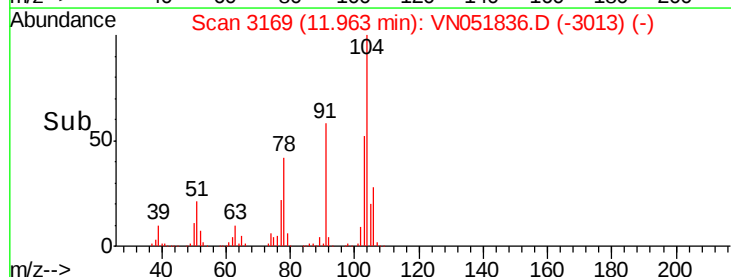
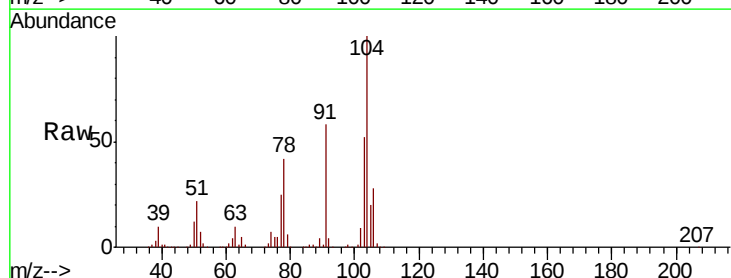
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

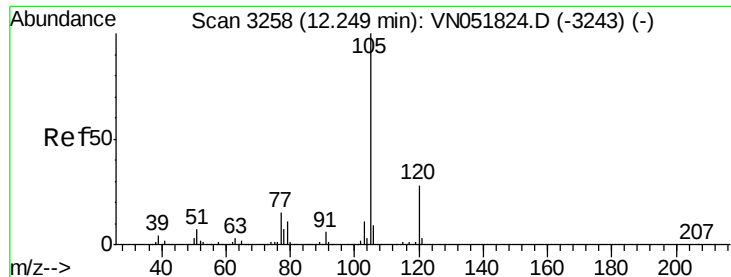
Tot Ion:106 Resp: 289051
Ion Ratio Lower Upper
106 100
91 203.5 111.1 333.3



#69
Styrene
Concen: 19.415 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion:104 Resp: 426392
Ion Ratio Lower Upper
104 100
78 47.3 40.6 60.8
103 56.0 44.0 66.0





#70

Isopropylbenzene

Concen: 19.867 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

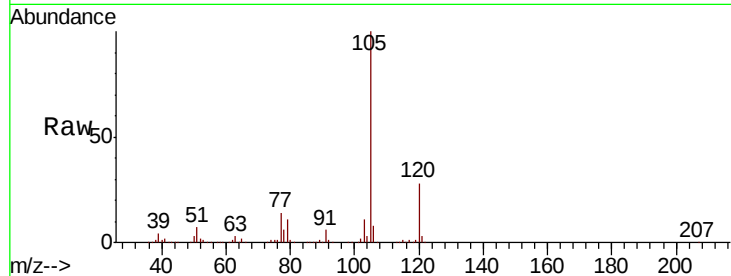
VN1012WBSD01

Tot Ion:105 Resp: 758361

Ion Ratio Lower Upper

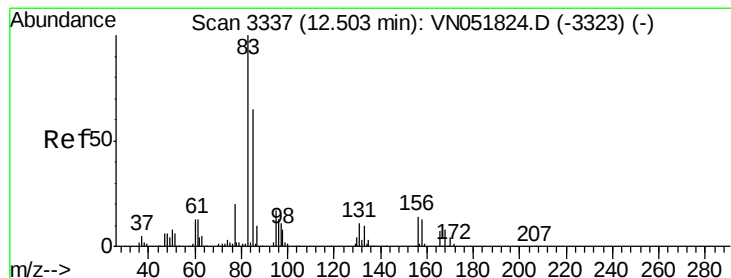
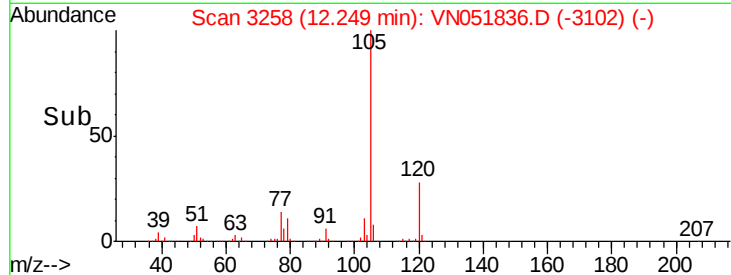
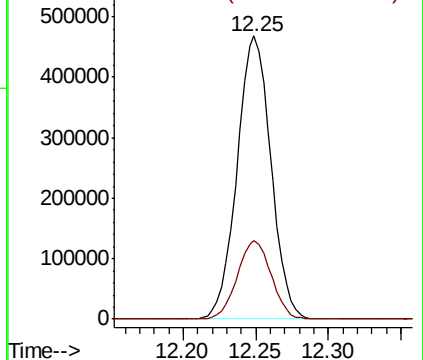
105 100

120 27.7 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 21.155 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

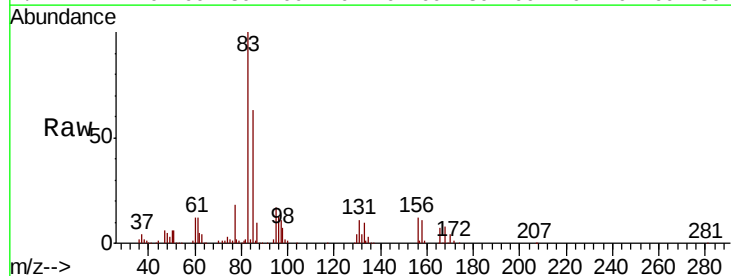
Tgt Ion: 83 Resp: 159476

Ion Ratio Lower Upper

83 100

131 11.8 5.5 16.4

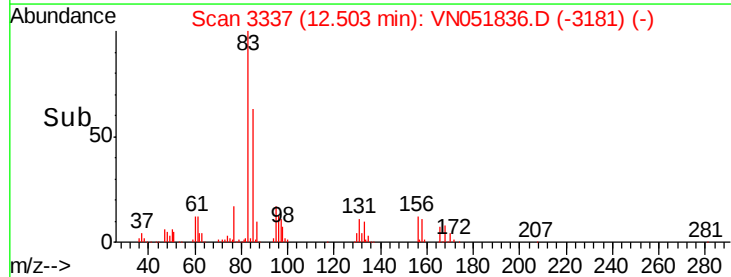
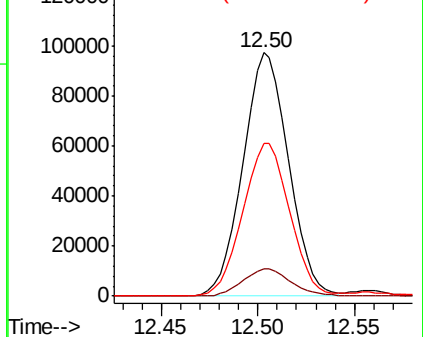
85 64.6 30.6 91.8

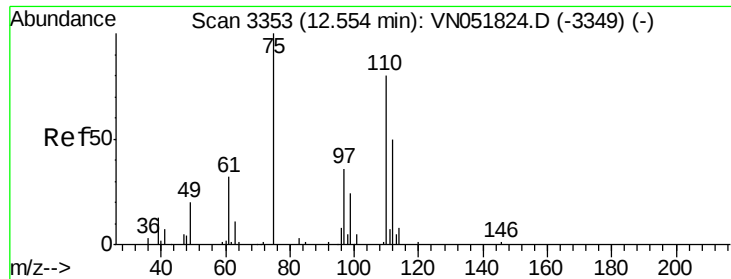


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): V





#72

1,2,3-Trichloropropane

Concen: 29.823 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

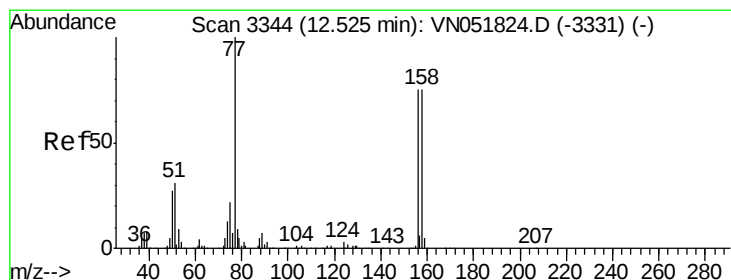
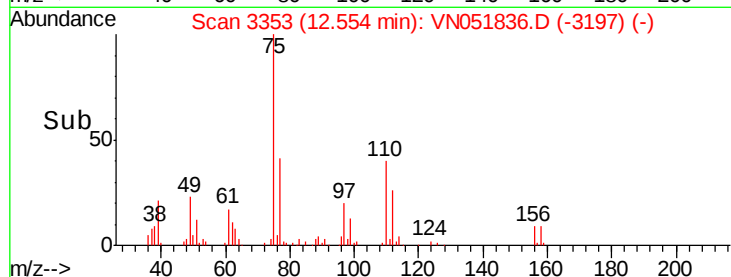
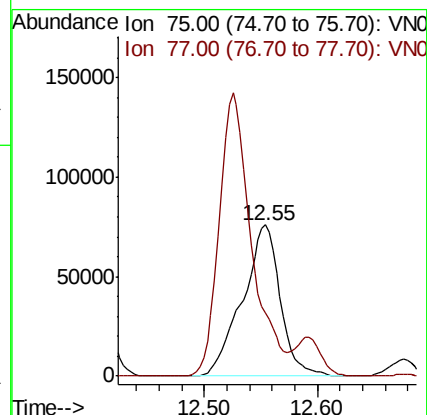
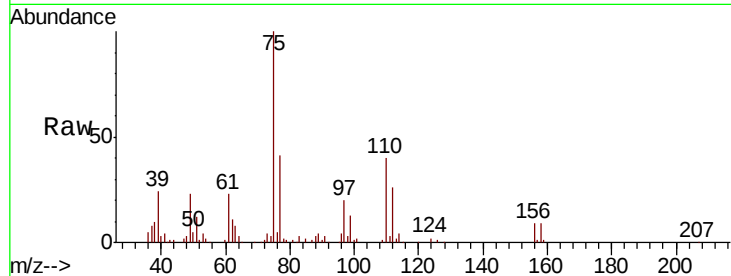
VN1012WBSD01

Tot Ion: 75 Resp: 176860

Ion Ratio Lower Upper

75 100

77 159.4 0.0 400.0



#73

Bromobenzene

Concen: 19.263 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

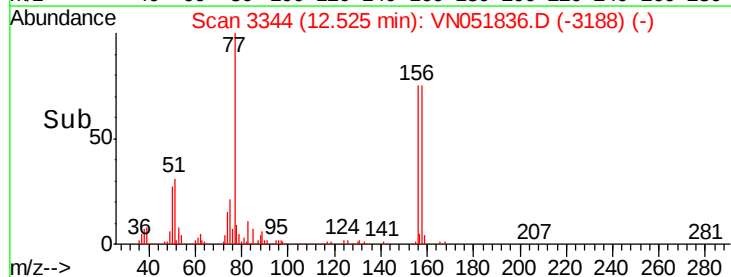
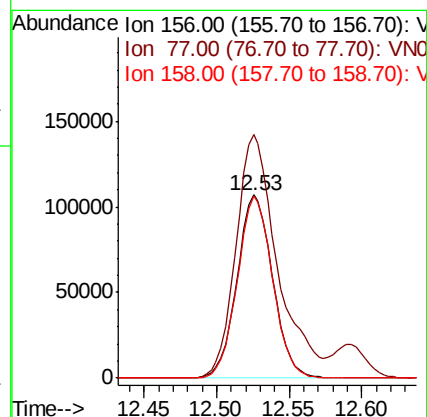
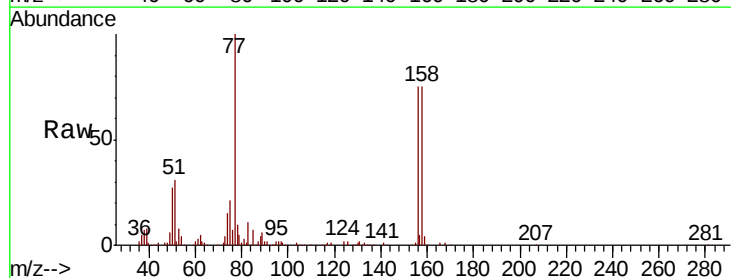
Tgt Ion: 156 Resp: 182136

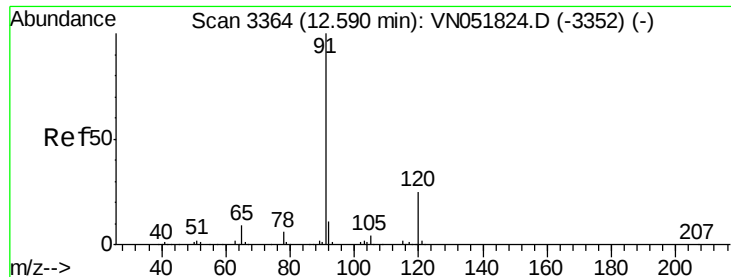
Ion Ratio Lower Upper

156 100

77 154.8 0.0 377.4

158 98.1 0.0 203.0





#74

n-propylbenzene

Concen: 19.620 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

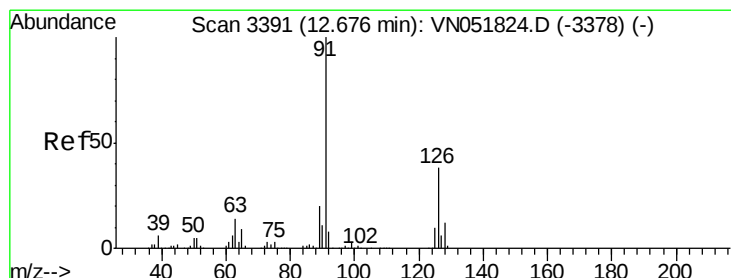
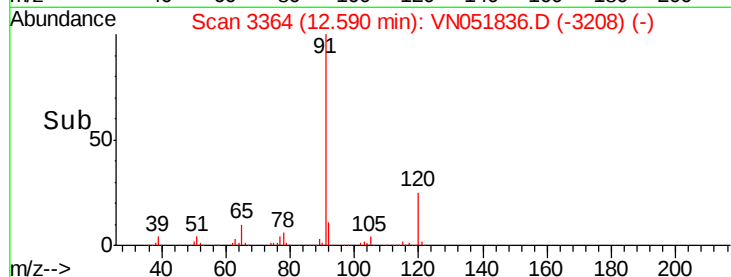
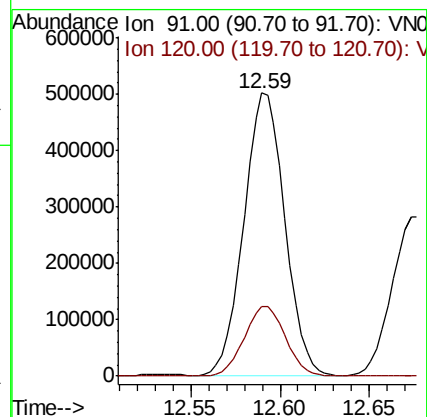
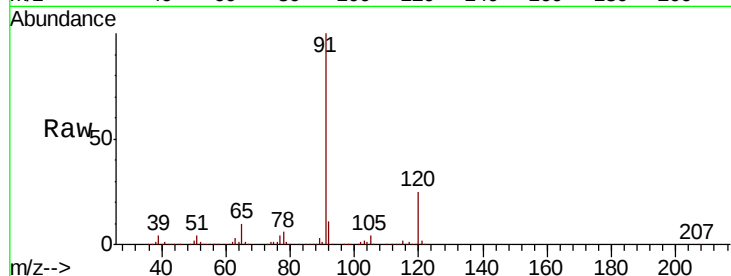
VN1012WBSD01

Tot Ion: 91 Resp: 805592

Ion Ratio Lower Upper

91 100

120 24.8 0.0 45.0



#75

2-Chlorotoluene

Concen: 19.893 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051836.D

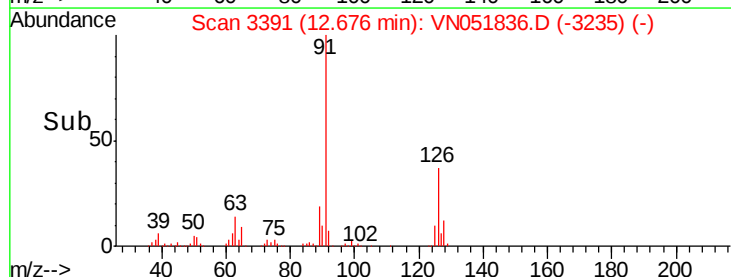
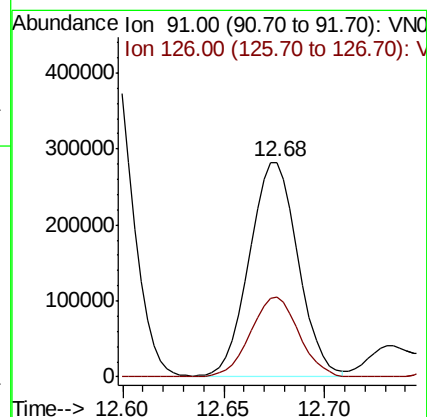
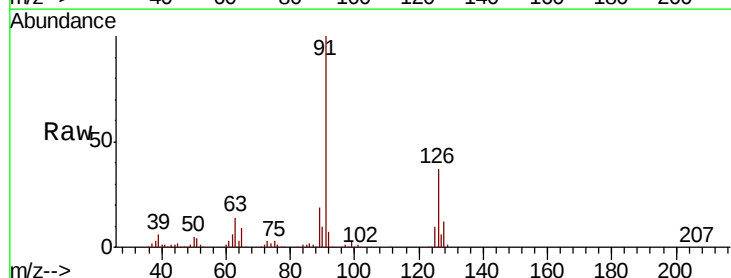
Acq: 12 Oct 2018 16:40

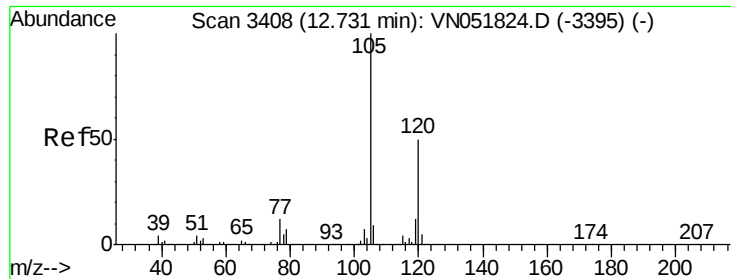
Tgt Ion: 91 Resp: 478863

Ion Ratio Lower Upper

91 100

126 36.9 0.0 67.6

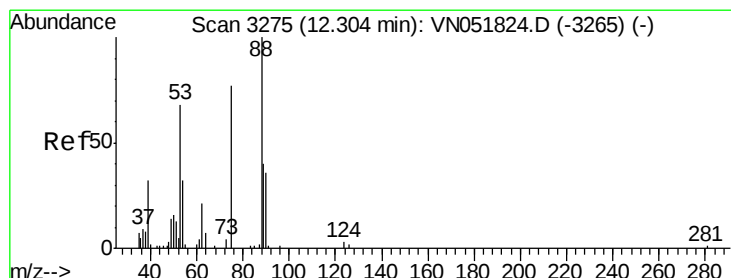
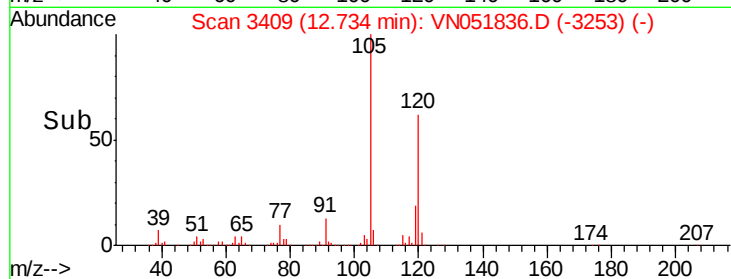
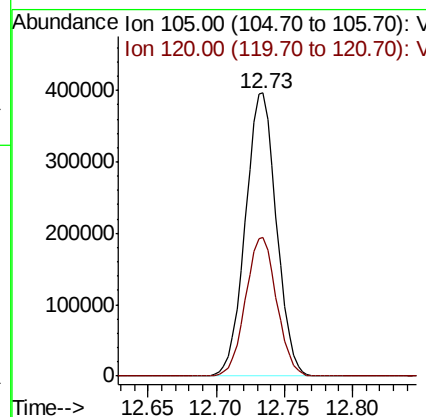
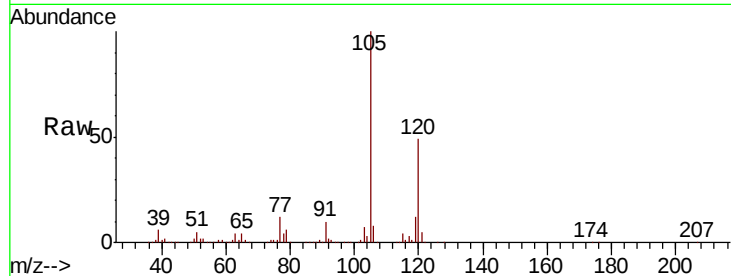




#76
 1,3,5-Trimethylbenzene
 Concen: 19.810 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

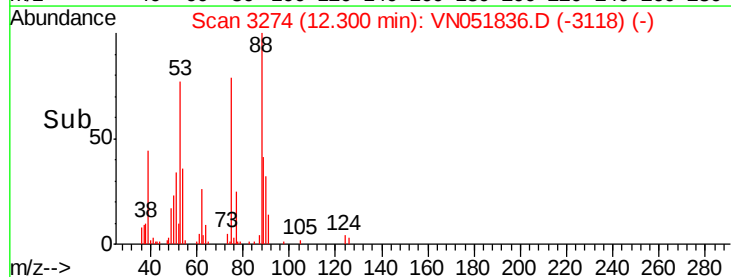
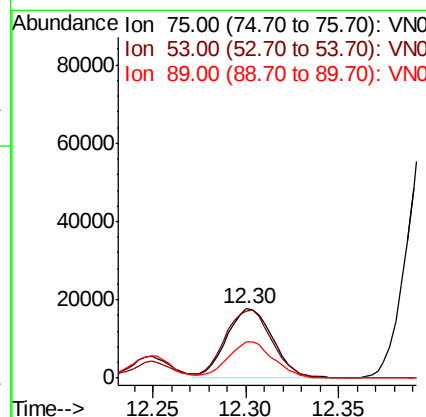
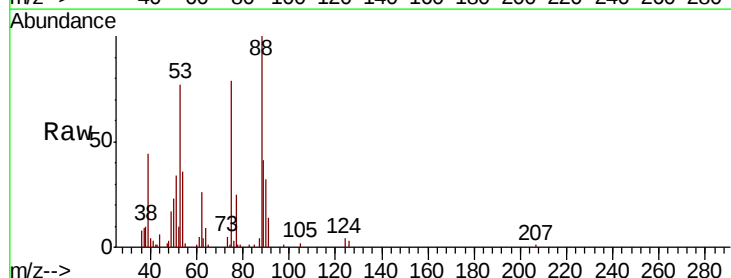
Instrument :
 MSVOA_N
 ClientSampled :
 VN1012WBSD01

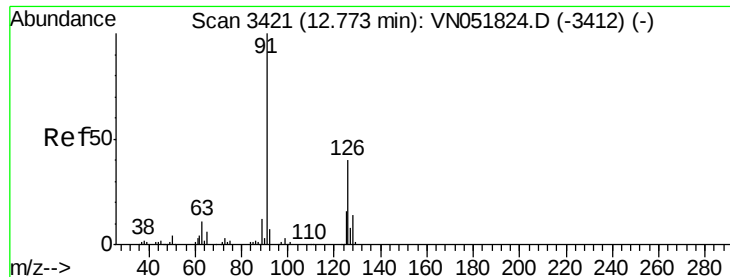
Tot Ion:105 Resp: 625323
 Ion Ratio Lower Upper
 105 100
 120 49.2 0.0 98.2



#77
 t-1,4-Dichloro-2-butene
 Concen: 15.836 ug/l
 RT: 12.30 min Scan# 3274
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion: 75 Resp: 31060
 Ion Ratio Lower Upper
 75 100
 53 97.6 46.3 138.9
 89 51.1 24.6 73.8





#78

4-Chlorotoluene

Concen: 19.194 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

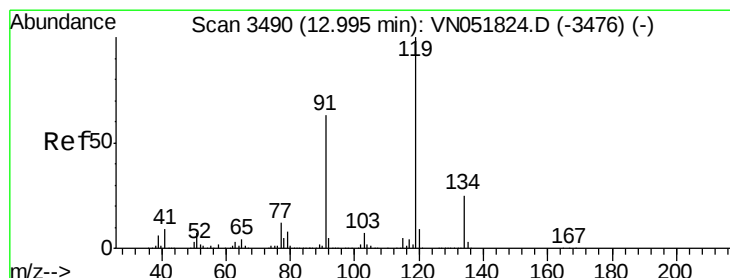
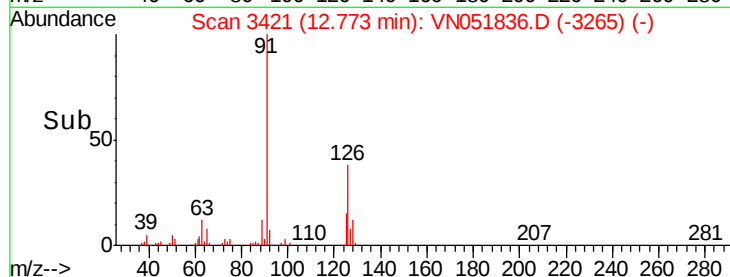
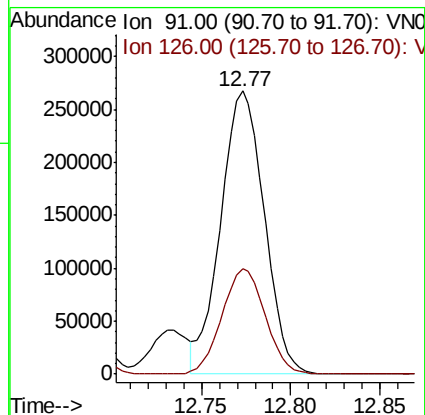
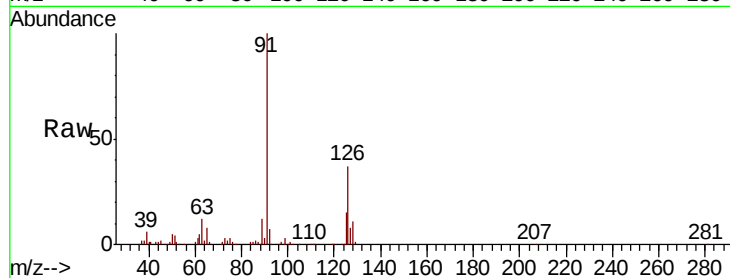
VN1012WBSD01

Tot Ion: 91 Resp: 453951

Ion Ratio Lower Upper

91 100

126 36.8 0.0 65.2



#79

tert-butylbenzene

Concen: 19.673 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

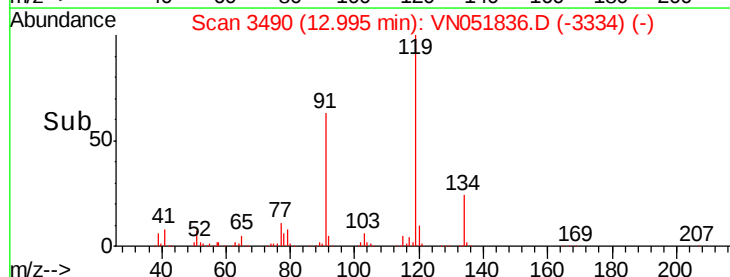
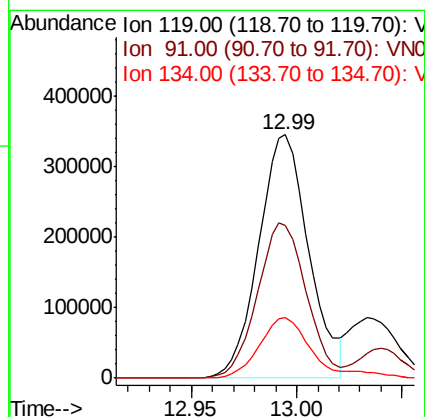
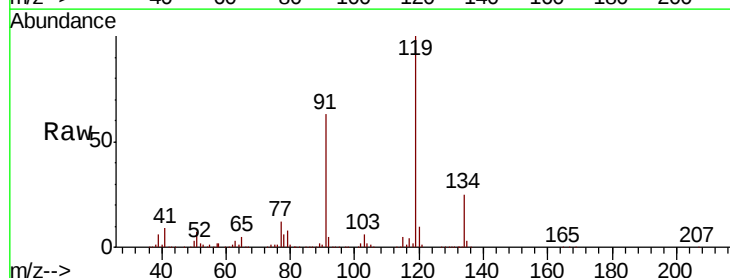
Tgt Ion: 119 Resp: 571074

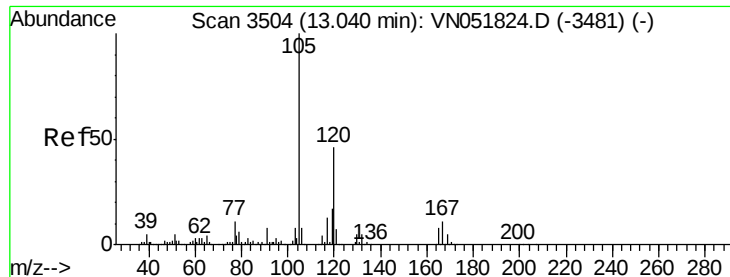
Ion Ratio Lower Upper

119 100

91 62.3 0.0 131.6

134 24.6 0.0 46.2

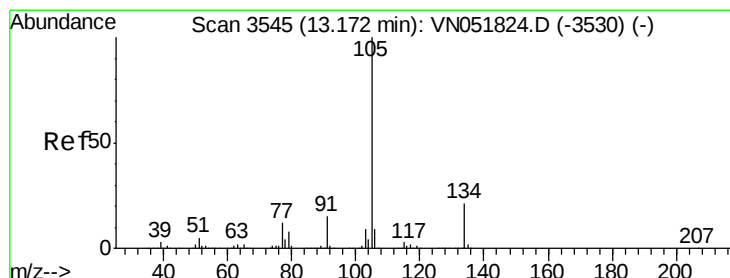
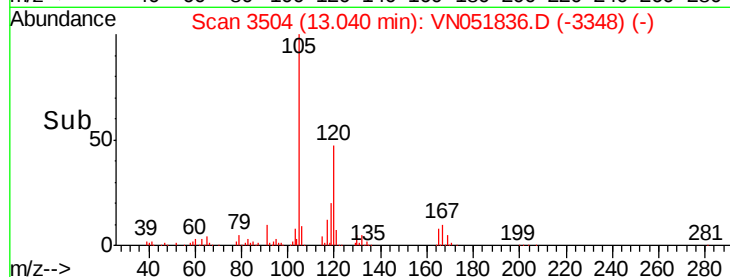
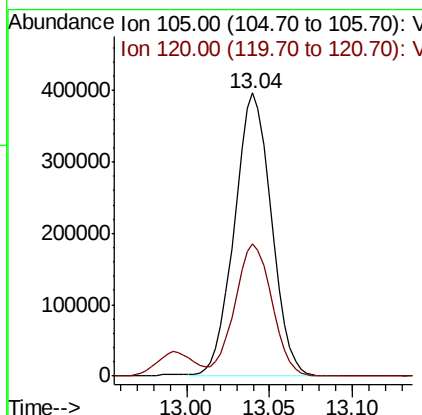
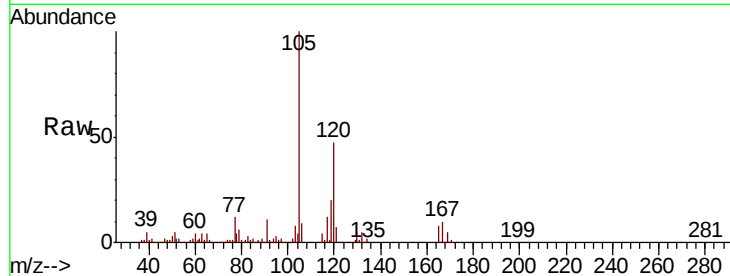




#80
 1,2,4-Trimethylbenzene
 Concen: 19.523 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

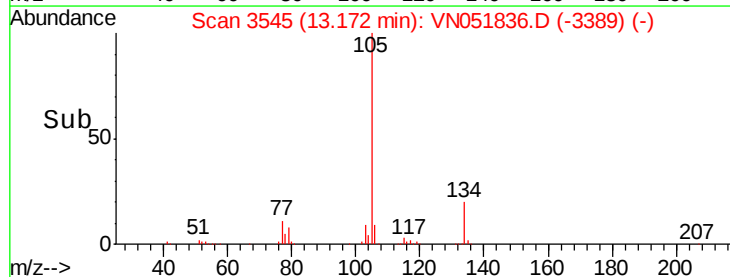
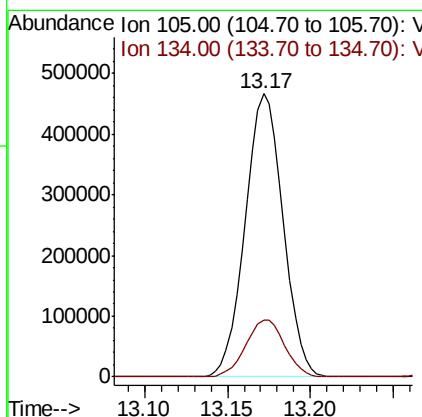
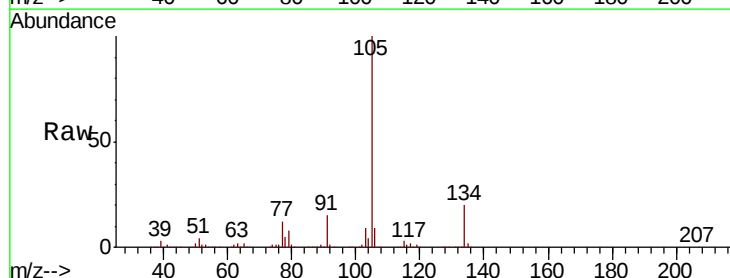
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

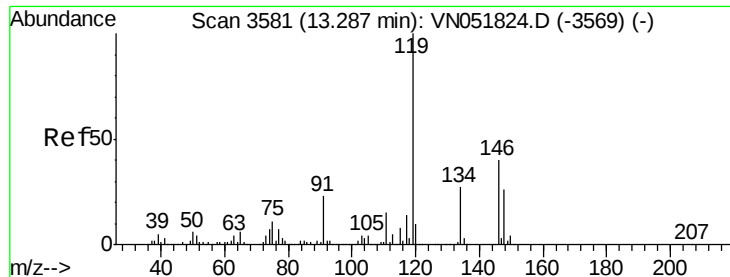
Tot Ion:105 Resp: 615888
 Ion Ratio Lower Upper
 105 100
 120 47.1 0.0 89.6



#81
 sec-Butylbenzene
 Concen: 19.443 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion:105 Resp: 738323
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 39.4

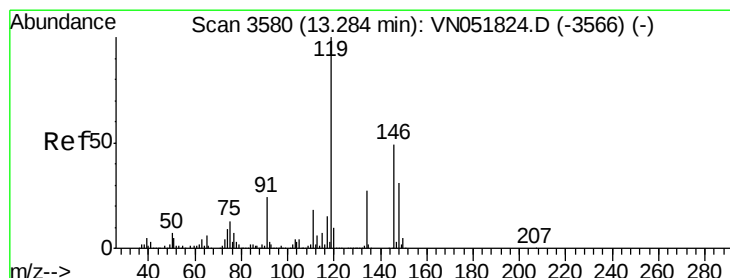
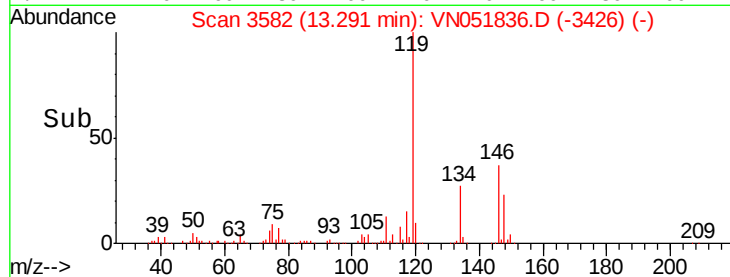
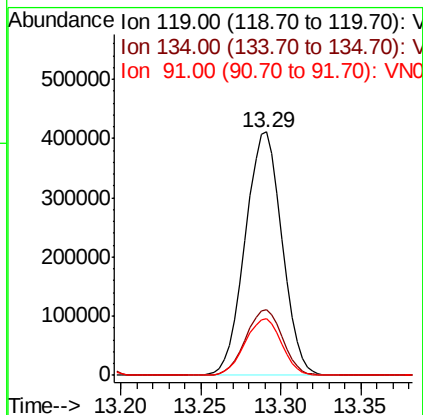
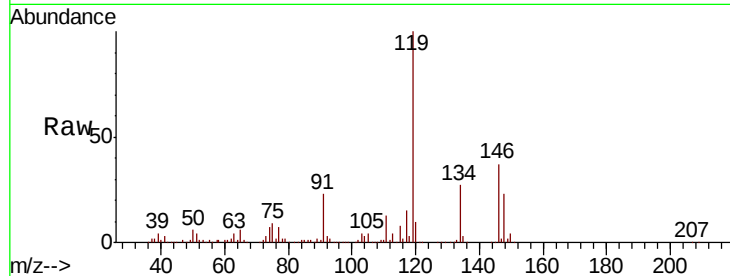




#82
 p-Isopropyltoluene
 Concen: 18.987 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

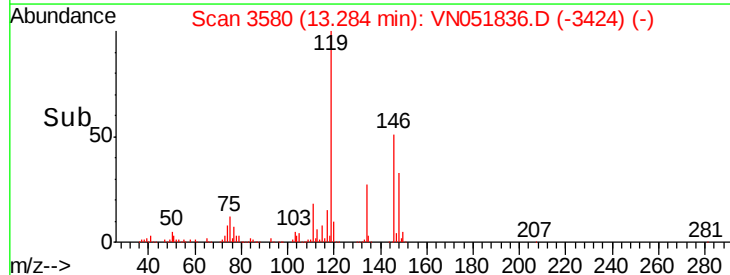
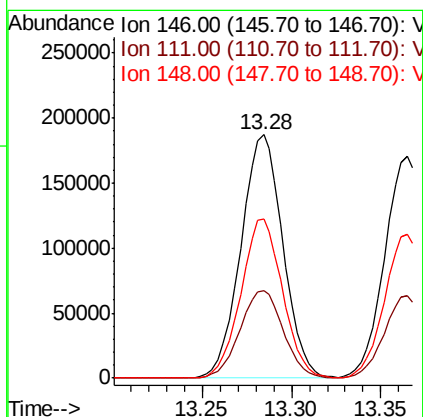
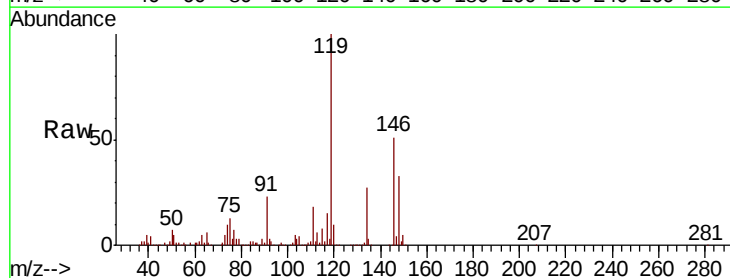
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

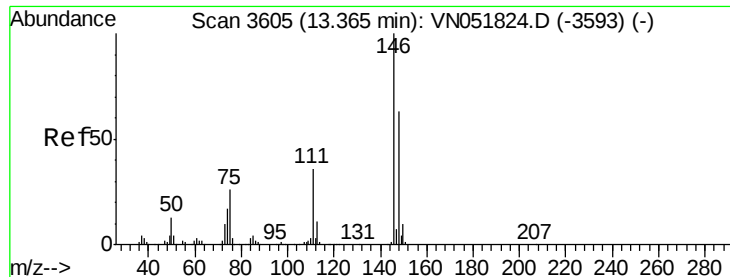
Tot Ion:119 Resp: 645185
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 53.6
 91 23.2 0.0 52.0



#83
 1,3-Dichlorobenzene
 Concen: 18.486 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion:146 Resp: 308413
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.3
 148 64.6 31.3 93.8

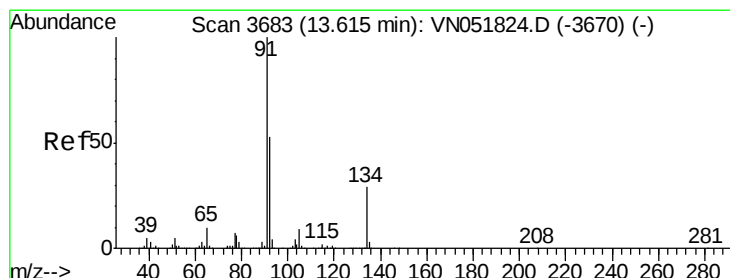
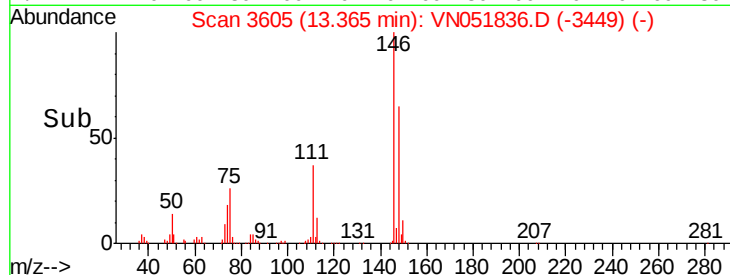
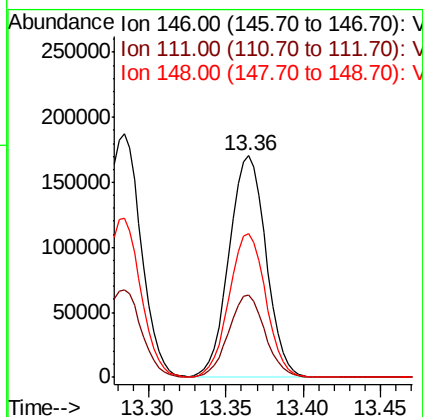
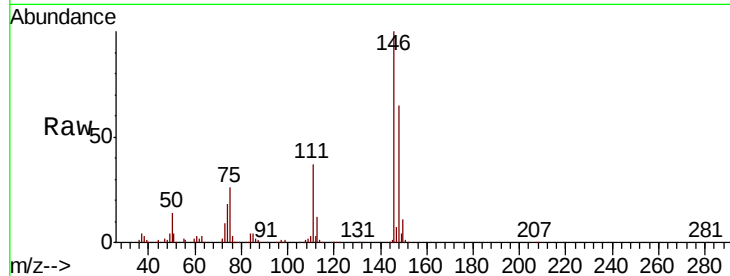




#84
 1,4-Dichlorobenzene
 Concen: 18.019 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

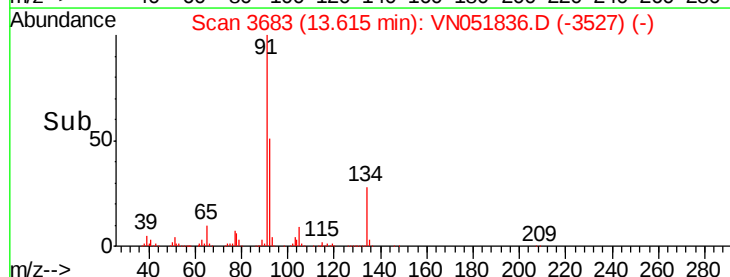
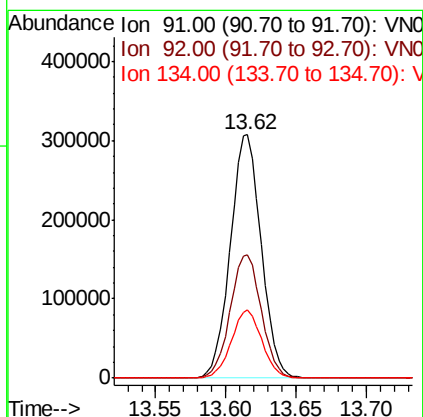
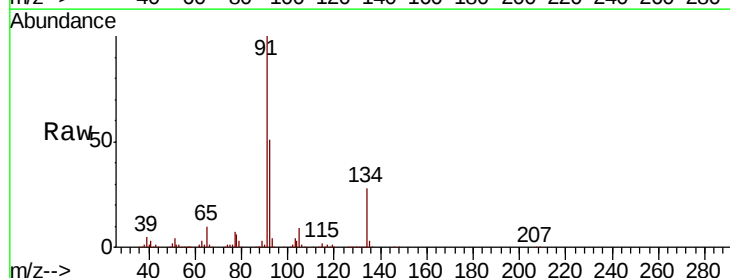
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

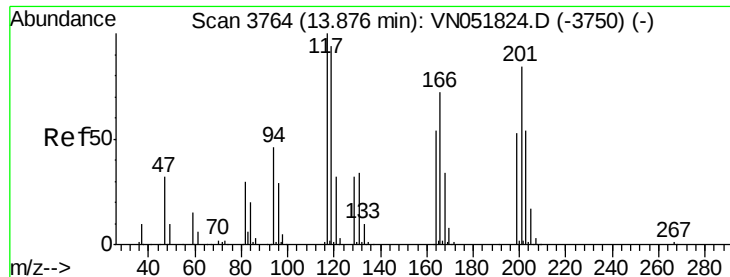
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.4	52.2
148	64.4	32.8	98.3



#85
 n-Butylbenzene
 Concen: 18.372 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.0	0.0	97.4
134	27.8	0.0	49.6

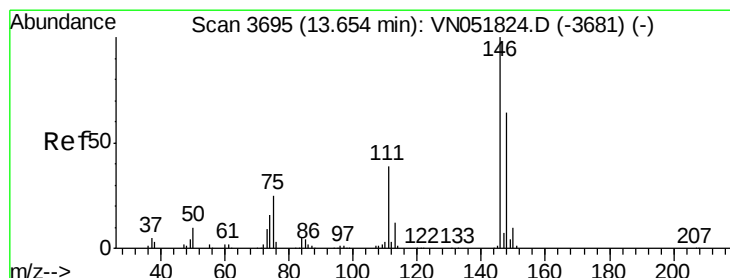
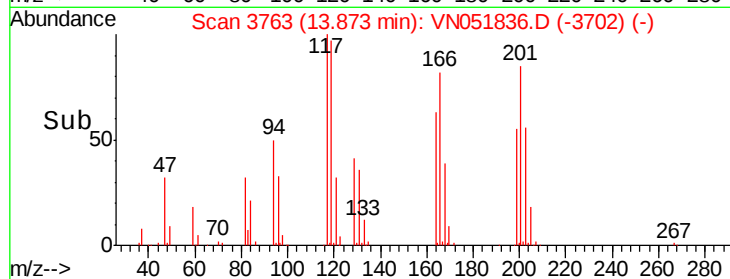
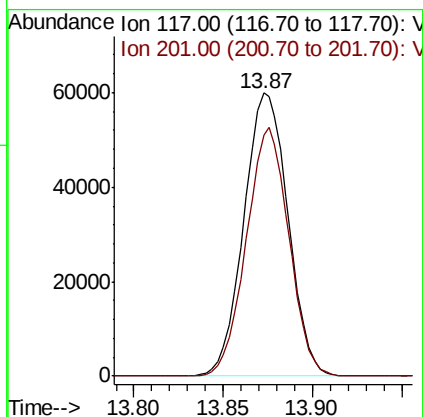
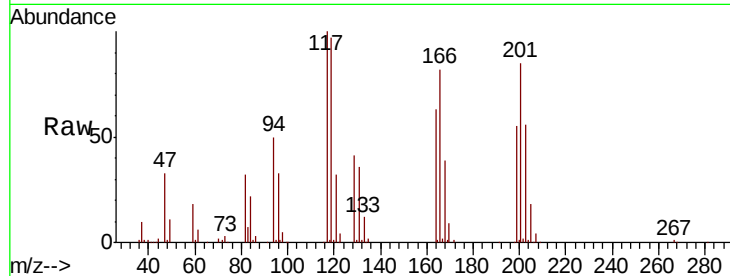




#86
Hexachloroethane
Concen: 17.726 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

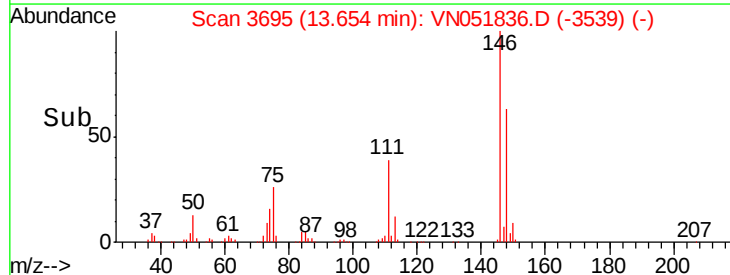
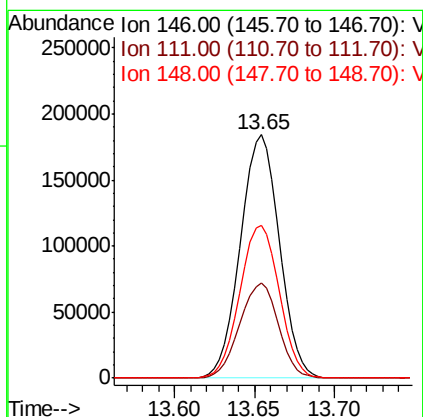
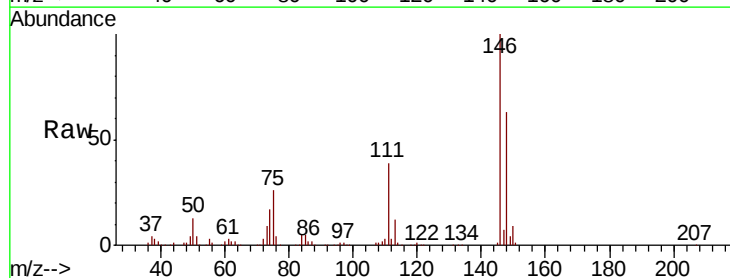
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBSD01

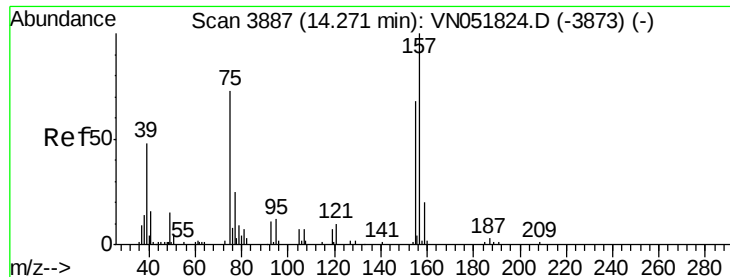
Tot Ion:117 Resp: 103858
Ion Ratio Lower Upper
117 100
201 84.5 47.8 143.3



#87
1,2-Dichlorobenzene
Concen: 18.989 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051836.D
Acq: 12 Oct 2018 16:40

Tgt Ion:146 Resp: 306711
Ion Ratio Lower Upper
146 100
111 38.7 20.8 62.2
148 63.5 33.2 99.6





#88

1,2-Dibromo-3-Chloropropane

Concen: 18.063 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

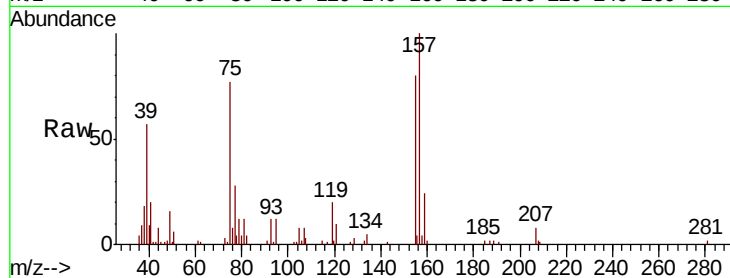
Tot Ion: 75 Resp: 20335

Ion Ratio Lower Upper

75 100

155 102.6 57.0 85.6#

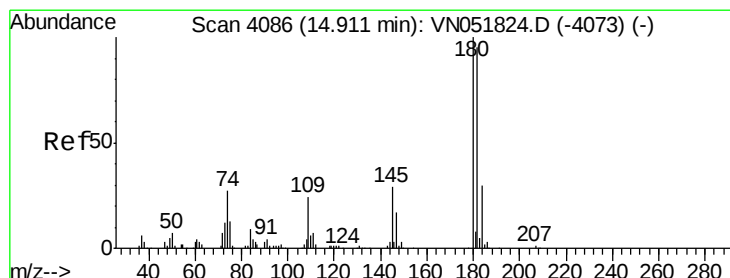
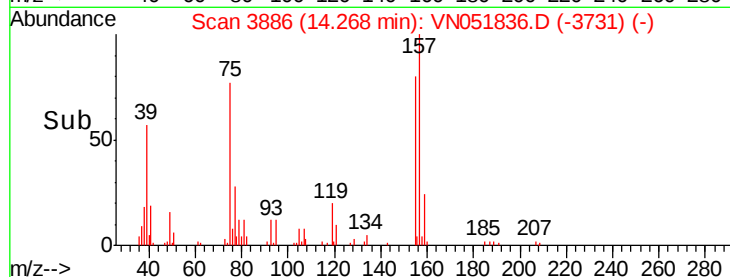
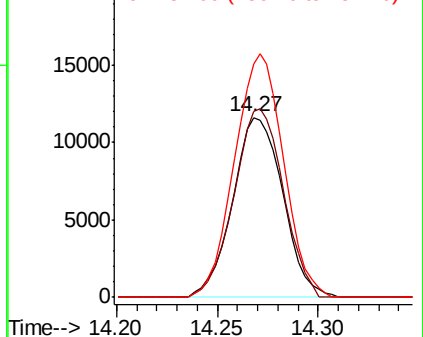
157 131.8 87.4 131.0#



Abundance Ion 75.00 (74.70 to 75.70): VN051824.D (-3873) (-)

Ion 155.00 (154.70 to 155.70): VN051824.D (-3873) (-)

Ion 157.00 (156.70 to 157.70): VN051824.D (-3873) (-)



#89

1,2,4-Trichlorobenzene

Concen: 18.511 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

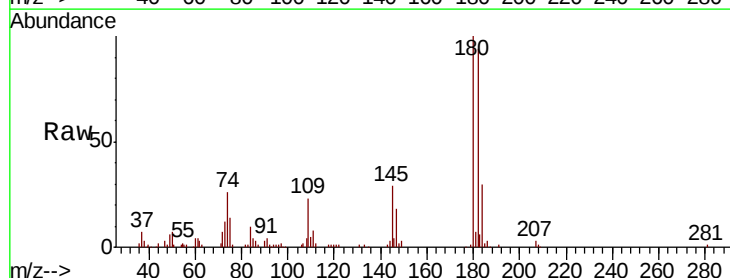
Tgt Ion: 180 Resp: 114952

Ion Ratio Lower Upper

180 100

182 94.4 77.7 116.5

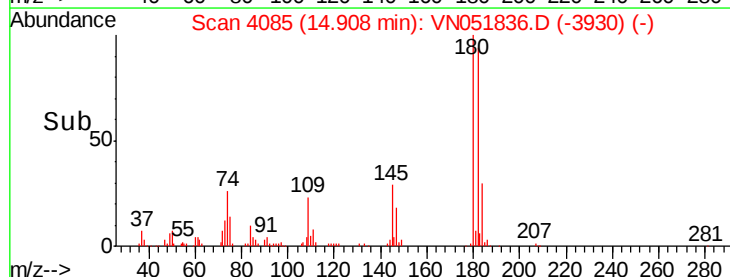
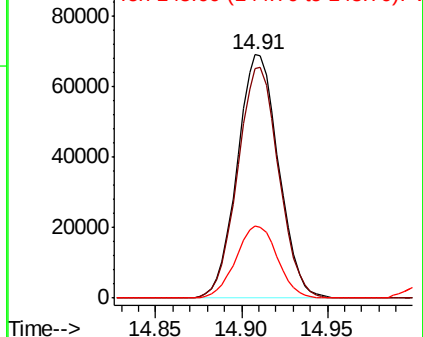
145 29.8 23.4 35.2

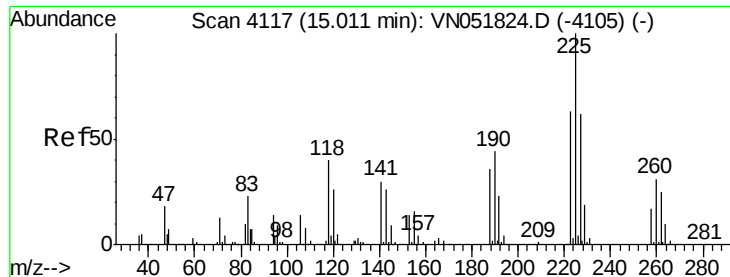


Abundance Ion 180.00 (179.70 to 180.70): VN051824.D (-4073) (-)

Ion 182.00 (181.70 to 182.70): VN051824.D (-4073) (-)

Ion 145.00 (144.70 to 145.70): VN051824.D (-4073) (-)





#90

Hexachlorobutadiene

Concen: 18.173 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBSD01

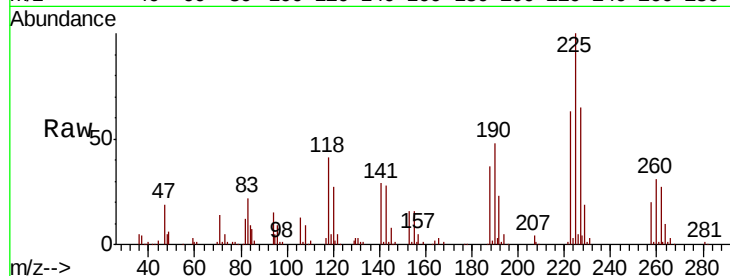
Tot Ion:225 Resp: 94592

Ion Ratio Lower Upper

225 100

223 63.5 0.0 117.0

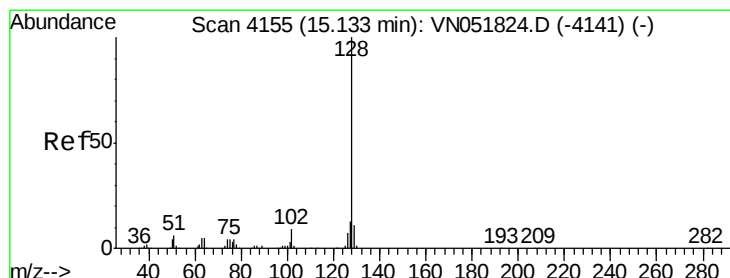
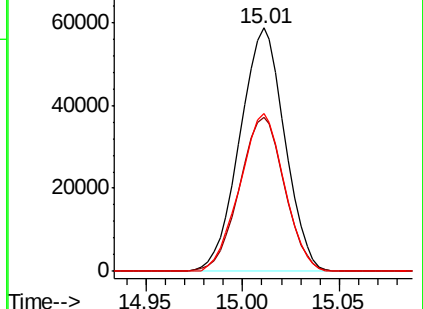
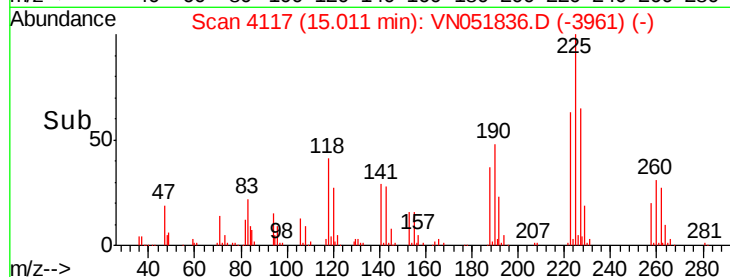
227 64.1 0.0 127.0



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 18.807 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051836.D

Acq: 12 Oct 2018 16:40

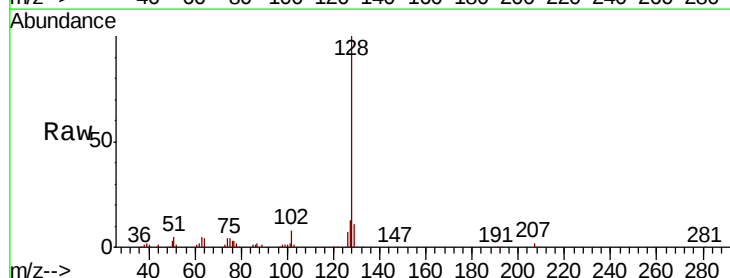
Tgt Ion:128 Resp: 226964

Ion Ratio Lower Upper

128 100

127 13.5 10.1 15.1

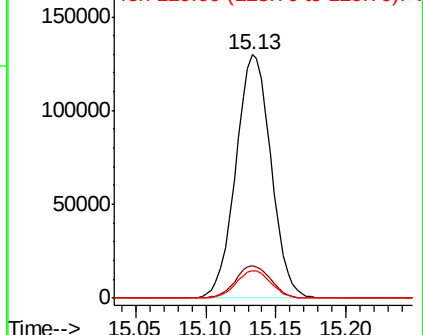
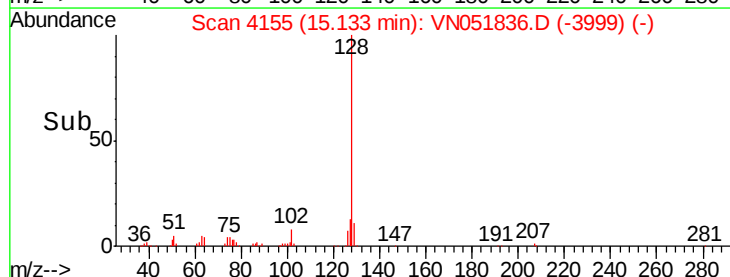
129 11.0 8.4 12.6

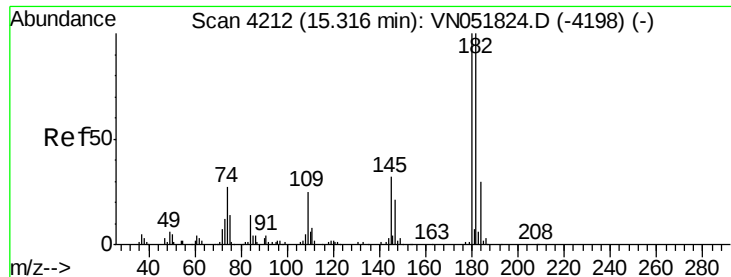


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 17.050 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN051836.D
 Acq: 12 Oct 2018 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	198.0
145	31.4	0.0	36.8

