

Data File : VN051918.D
Acq On : 18 Oct 2018 16:01
Operator : MD\SY
Sample : VN1018WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

Quant Time: Oct 19 06:48:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	984236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1464028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1301713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	567346	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444515	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.59	113	449088	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	10.09	98	1614624	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.40	95	513001	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	110810	18.607	ug/l	98
3) Chloromethane	2.06	50	116422	20.008	ug/l	97
4) Vinyl Chloride	2.18	62	177811	20.232	ug/l	100
5) Bromomethane	2.57	94	168639	22.315	ug/l	97
6) Chloroethane	2.70	64	135003	21.166	ug/l	100
7) Trichlorofluoromethane	3.01	101	283468	20.931	ug/l	100
8) Diethyl Ether	3.41	74	83116	20.948	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	159313	20.502	ug/l	100
10) Methyl Iodide	3.95	142	186222	20.289	ug/l	100
11) Tert butyl alcohol	4.79	59	50971	95.600	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	144762	20.437	ug/l	97
13) Acrolein	3.61	56	32193	70.722	ug/l	98
14) Allyl chloride	4.33	41	158829	20.703	ug/l	99
15) Acrylonitrile	4.99	53	197425	101.412	ug/l	99
16) Acetone	3.82	43	139920	86.601	ug/l	100
17) Carbon Disulfide	4.05	76	316087	17.898	ug/l	98
18) Methyl Acetate	4.33	43	97783	18.603	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	415863	20.372	ug/l	97
20) Methylene Chloride	4.55	84	169435	20.629	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	161999	19.900	ug/l	98
22) Diisopropyl ether	5.96	45	367873	20.575	ug/l	97
23) Vinyl Acetate	5.90	43	1236989	100.491	ug/l	100
24) 1,1-Dichloroethane	5.85	63	270074	20.858	ug/l	99
25) 2-Butanone	6.84	43	221177	95.784	ug/l	97
26) 2,2-Dichloropropane	6.82	77	233177	19.041	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	196709	20.793	ug/l	98
28) Bromochloromethane	7.19	49	109583	20.842	ug/l	98
29) Tetrahydrofuran	7.22	42	139531	98.932	ug/l	100
30) Chloroform	7.37	83	320372	20.682	ug/l	98
31) Cyclohexane	7.65	56	220723	19.347	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	297891	20.618	ug/l	99
36) 1,1-Dichloropropene	7.80	75	219709	19.335	ug/l	100
37) Ethyl Acetate	6.94	43	93574	17.034	ug/l	98
38) Carbon Tetrachloride	7.78	117	258830	19.342	ug/l	99

Data File : VN051918.D
Acq On : 18 Oct 2018 16:01
Operator : MD\SY
Sample : VN1018WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

Quant Time: Oct 19 06:48:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	269857	19.179	ug/l	99
40) Benzene	8.04	78	680221	20.492	ug/l	99
41) Methacrylonitrile	7.18	41	48440	18.768	ug/l	89
42) 1,2-Dichloroethane	8.13	62	215284	20.244	ug/l	100
43) Isopropyl Acetate	8.17	43	200732	18.591	ug/l #	88
44) Trichloroethene	8.84	130	209944	20.154	ug/l	99
45) 1,2-Dichloropropane	9.12	63	159565	20.788	ug/l	98
46) Dibromomethane	9.21	93	120156	20.537	ug/l	97
47) Bromodichloromethane	9.40	83	241375	20.584	ug/l	98
48) Methyl methacrylate	9.20	41	89179	19.442	ug/l	98
49) 1,4-Dioxane	9.20	88	33184	380.877	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	535080	101.155	ug/l	99
52) Toluene	10.16	92	457839	20.618	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	215189	19.365	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	247052	19.938	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	167063	20.533	ug/l	99
56) Ethyl methacrylate	10.43	69	179452	19.728	ug/l	99
57) 1,3-Dichloropropane	10.71	76	254686	20.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	363451	88.593	ug/l	98
59) 2-Hexanone	10.75	43	327636	92.373	ug/l	99
60) Dibromochloromethane	10.90	129	191194	18.863	ug/l	100
61) 1,2-Dibromoethane	11.00	107	170917	20.027	ug/l	100
64) Tetrachloroethene	10.63	164	207061	19.817	ug/l	99
65) Chlorobenzene	11.43	112	522139	20.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	194323	20.060	ug/l	98
67) Ethyl Benzene	11.51	91	855668	20.070	ug/l	100
68) m/p-Xylenes	11.62	106	684604	39.991	ug/l	99
69) o-Xylene	11.95	106	334594	20.056	ug/l	95
70) Styrene	11.97	104	507459	19.774	ug/l	99
71) Bromoform	12.13	173	114641	17.947	ug/l #	98
73) Isopropylbenzene	12.25	105	905389	20.614	ug/l	100
74) N-amyl acetate	12.07	43	144059	19.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	182475	20.558	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	208289	30.205	ug/l #	100
77) Bromobenzene	12.53	156	224794	20.114	ug/l	97
78) n-propylbenzene	12.59	91	936037	20.473	ug/l	99
79) 2-Chlorotoluene	12.67	91	567544	21.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	734207	20.682	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35710	17.175	ug/l	92
82) 4-Chlorotoluene	12.77	91	545038	20.400	ug/l	100
83) tert-Butylbenzene	12.99	119	680312	20.393	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	738337	21.153	ug/l	98
85) sec-Butylbenzene	13.17	105	876764	20.673	ug/l	98
86) p-Isopropyltoluene	13.29	119	773944	21.055	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	372815	19.793	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	360223	19.458	ug/l	97
89) n-Butylbenzene	13.62	91	544189	20.409	ug/l	99
90) Hexachloroethane	13.88	117	123977	20.166	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	374213	20.514	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23951	20.142	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
Quantitation Report (Not Reviewed)

Data File : VN051918.D
Acq On : 18 Oct 2018 16:01
Operator : MD\SY
Sample : VN1018WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

Quant Time: Oct 19 06:48:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	133557	17.405	ug/l	98
94) Hexachlorobutadiene	15.01	225	116279	20.130	ug/l	99
95) Naphthalene	15.13	128	258422	16.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	144891	18.342	ug/l	99

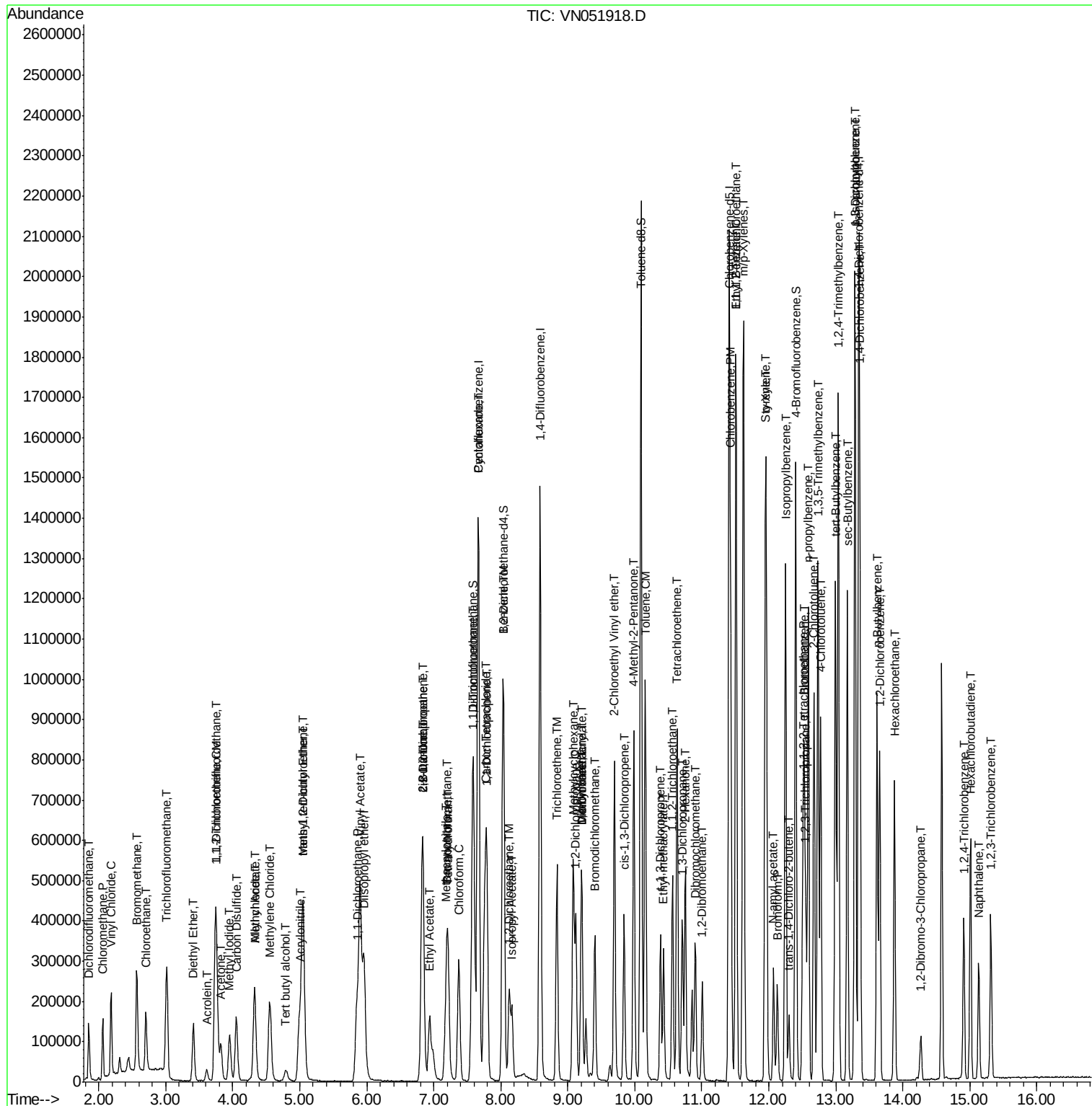
(#) = qualifier out of range (m) = manual integration (+) = signals summed

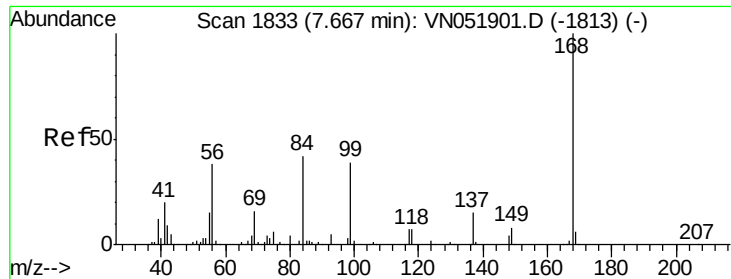
Data File : VN051918.D

```
Acq On       : 18 Oct 2018   16:01
Operator    : MD\SY
Sample      : VN1018WBSD02
Misc       : 5.00mL/MSV0A_N/WATER
ALS Vial    : 12      Sample Multiplier: 28
```

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

Quant Time: Oct 19 06:48:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

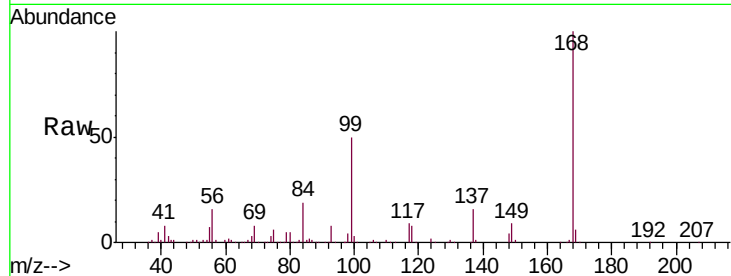
VN1018WBSD02

Tgt Ion:168 Resp: 984236

Ion Ratio Lower Upper

168 100

99 49.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

300000

200000

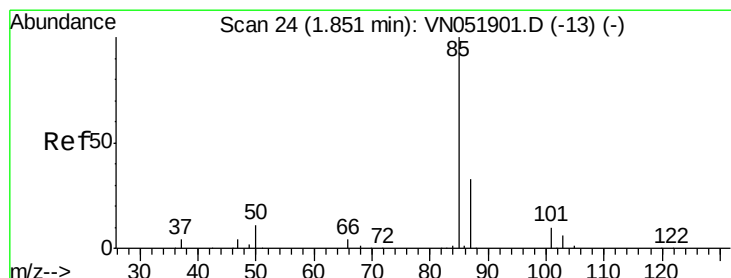
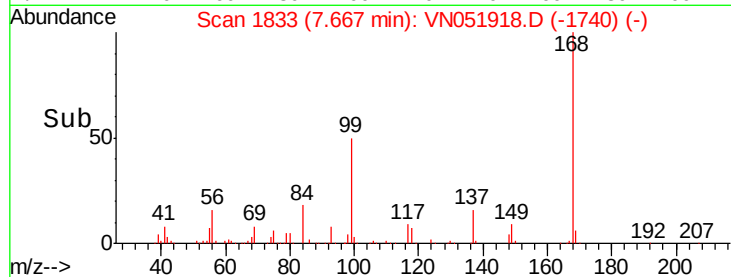
100000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.607 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN051918.D

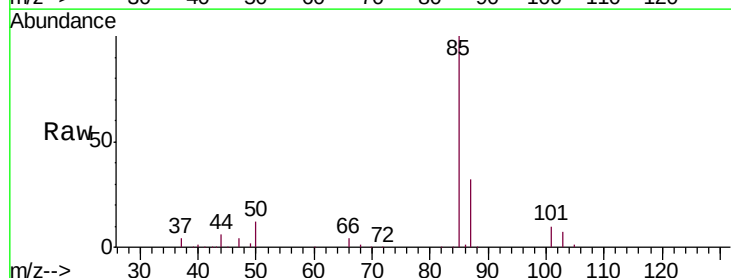
Acq: 18 Oct 2018 16:01

Tgt Ion: 85 Resp: 110810

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

80000

60000

40000

20000

0

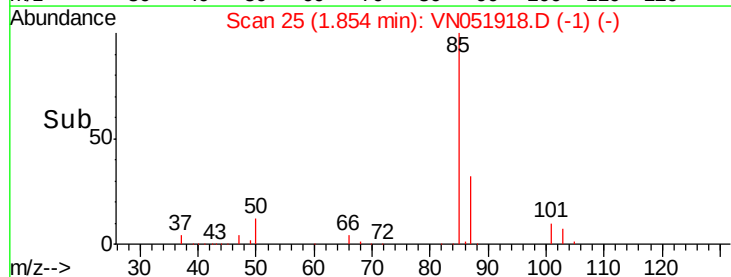
1.80

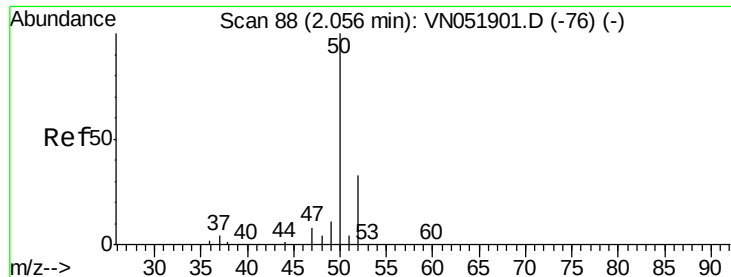
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 20.008 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

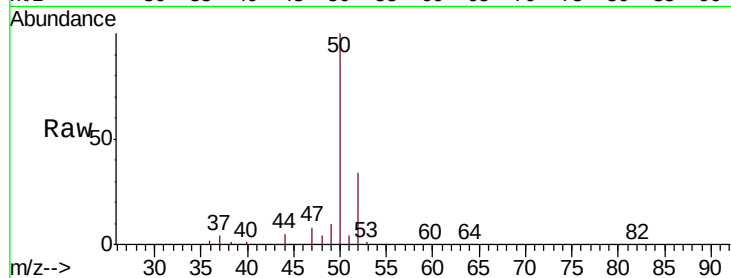
VN1018WBSD02

Tgt Ion: 50 Resp: 116422

Ion Ratio Lower Upper

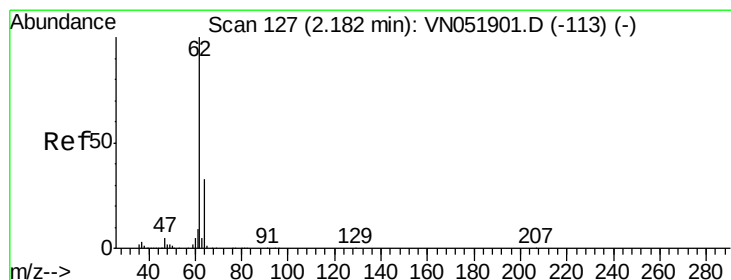
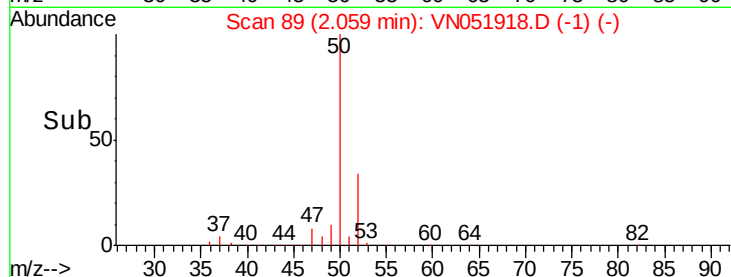
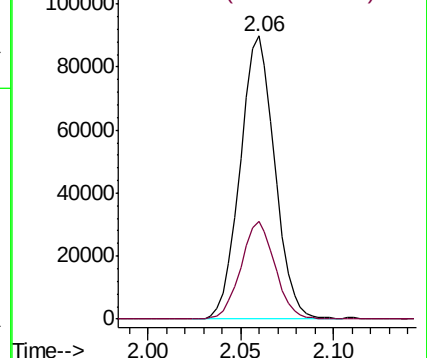
50 100

52 34.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.232 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051918.D

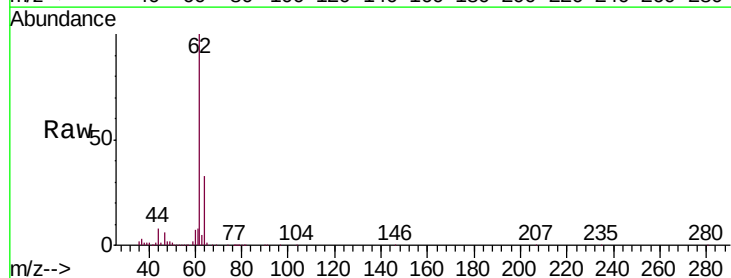
Acq: 18 Oct 2018 16:01

Tgt Ion: 62 Resp: 177811

Ion Ratio Lower Upper

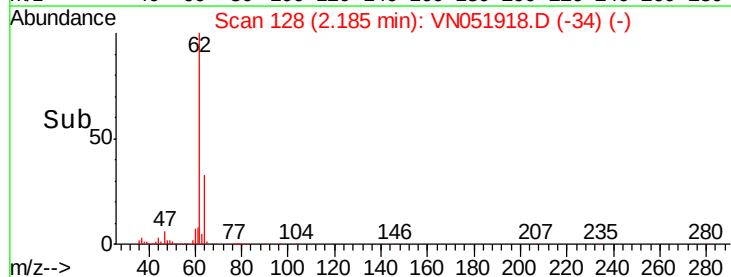
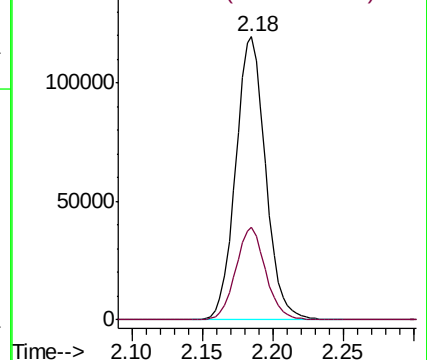
62 100

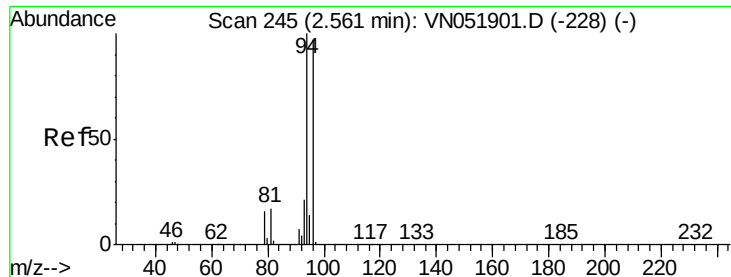
64 32.5 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 22.315 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

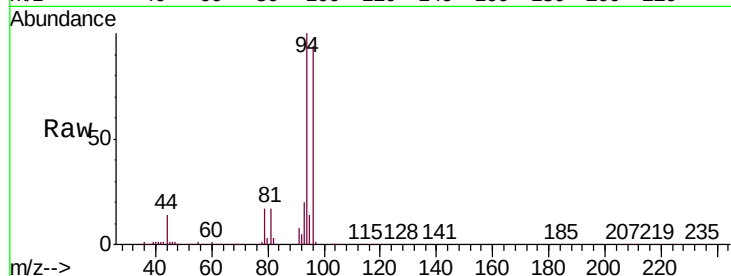
VN1018WBSD02

Tgt Ion: 94 Resp: 168639

Ion Ratio Lower Upper

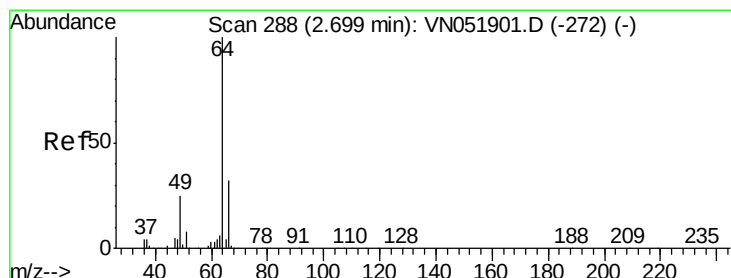
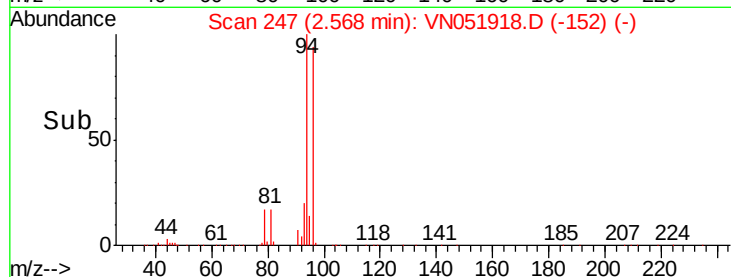
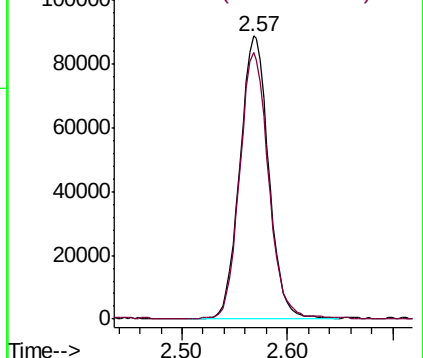
94 100

96 94.0 77.5 116.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.166 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051918.D

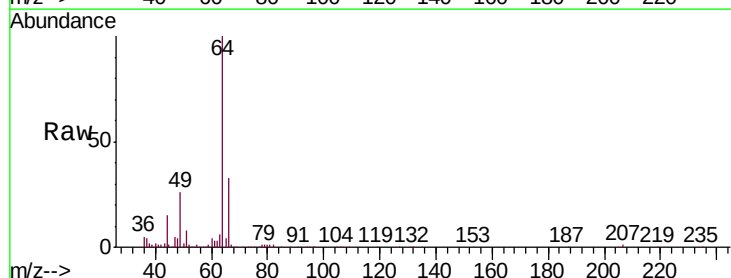
Acq: 18 Oct 2018 16:01

Tgt Ion: 64 Resp: 135003

Ion Ratio Lower Upper

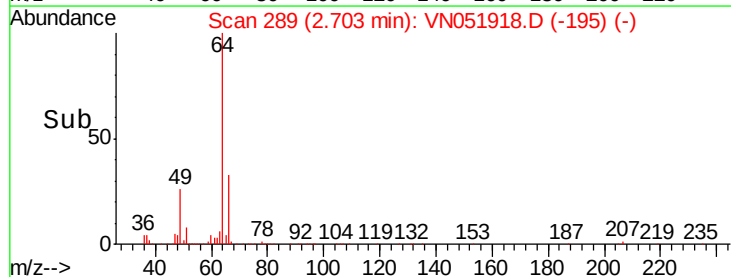
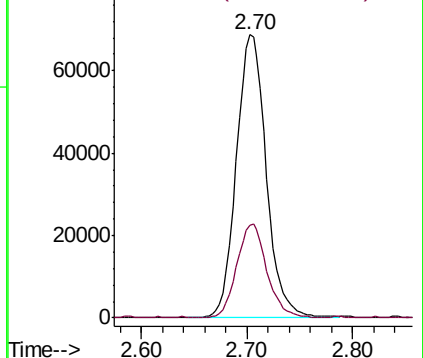
64 100

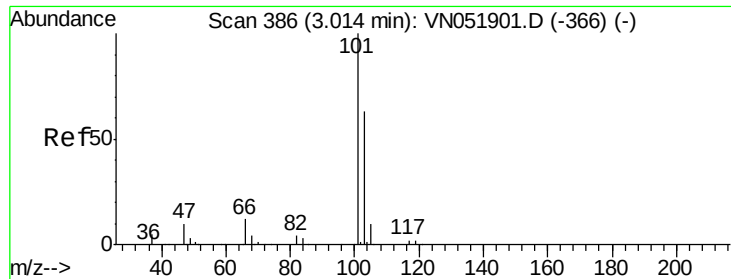
66 32.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



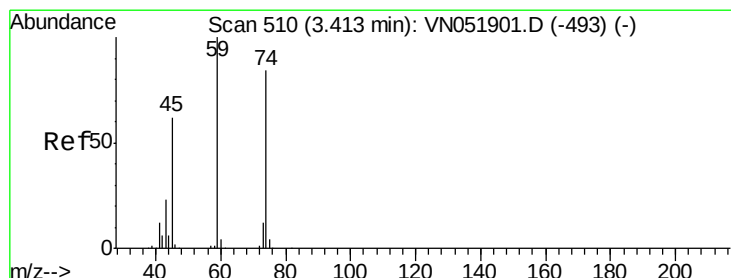
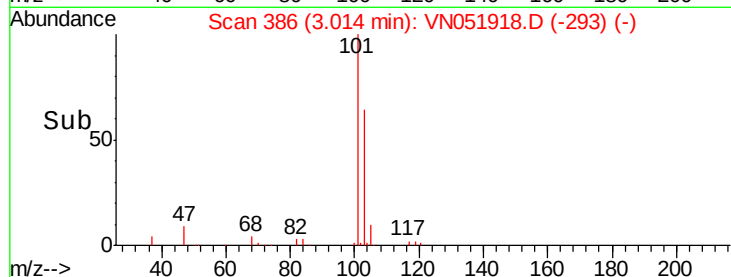
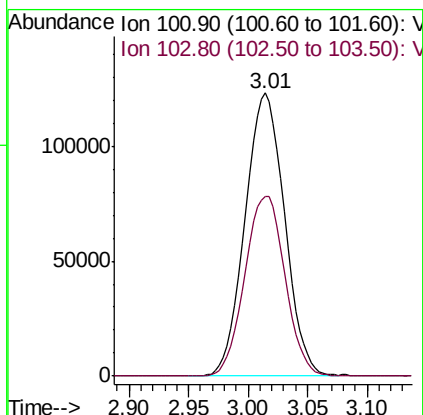
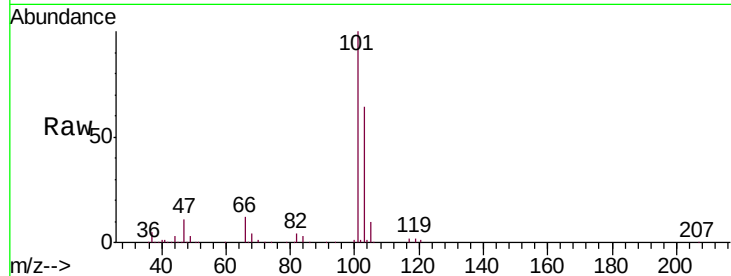


#7

Trichlorofluoromethane
 Concen: 20.931 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

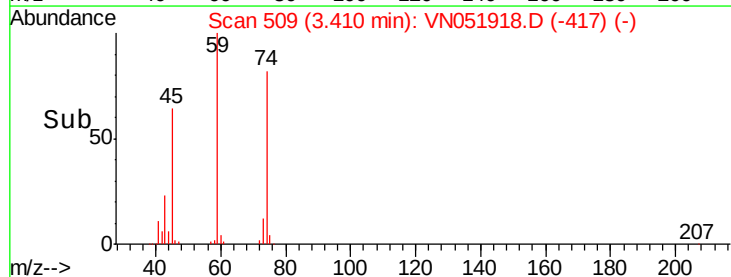
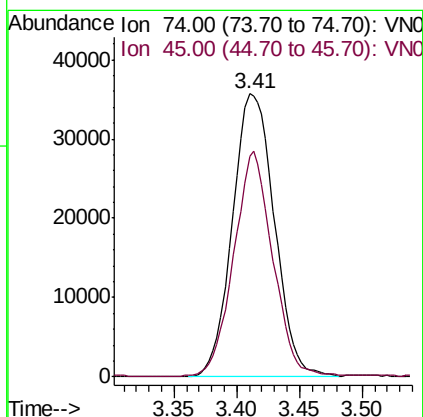
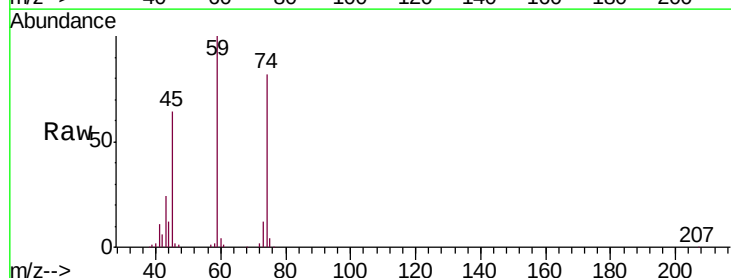
Tgt Ion:101 Resp: 283468
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.8 76.2

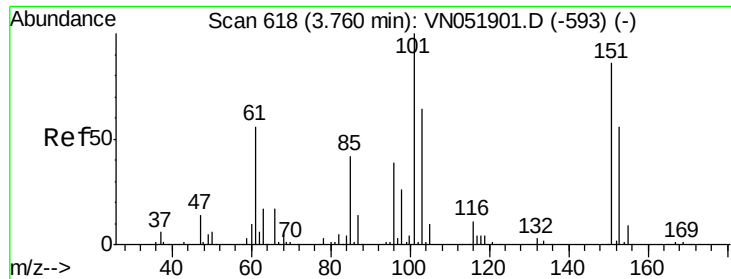


#8

Diethyl Ether
 Concen: 20.948 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Tgt Ion: 74 Resp: 83116
 Ion Ratio Lower Upper
 74 100
 45 74.5 36.8 110.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.502 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

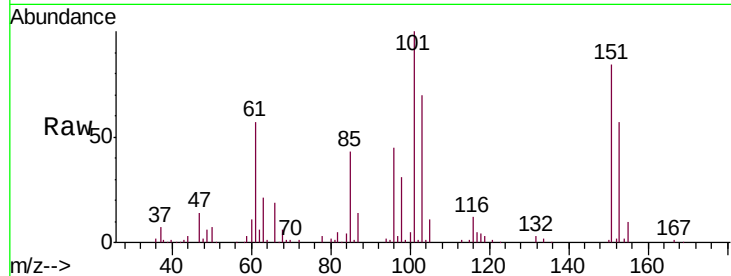
Tgt Ion:101 Resp: 159313

Ion Ratio Lower Upper

101 100

85 43.4 34.8 52.2

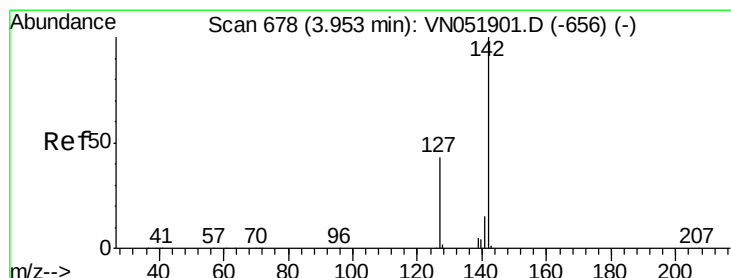
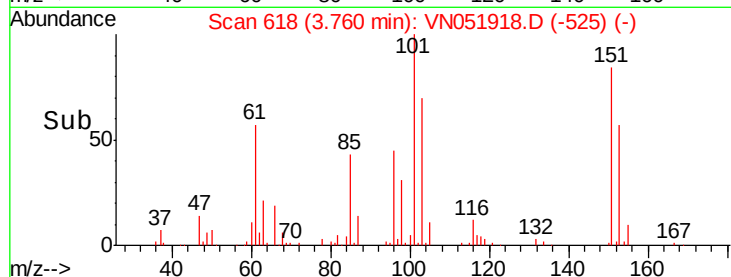
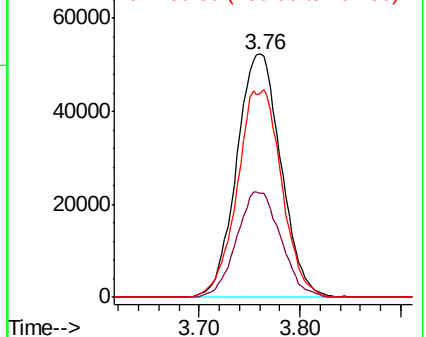
151 85.6 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.289 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

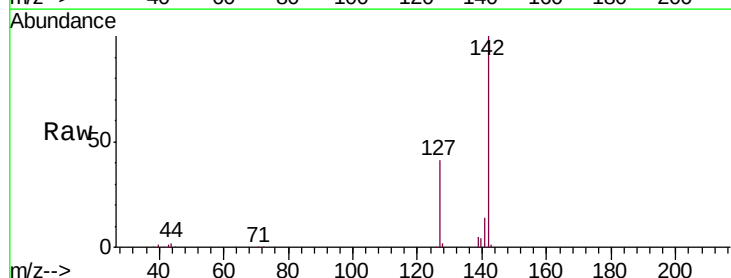
Tgt Ion:142 Resp: 186222

Ion Ratio Lower Upper

142 100

127 43.0 34.3 51.5

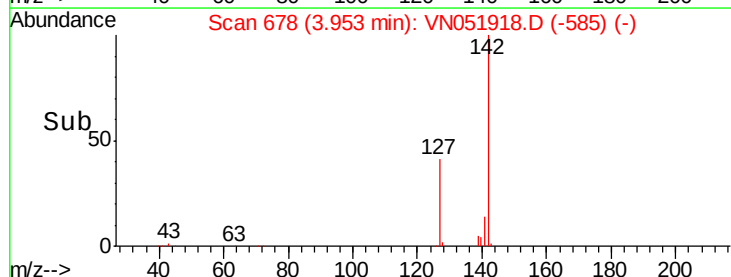
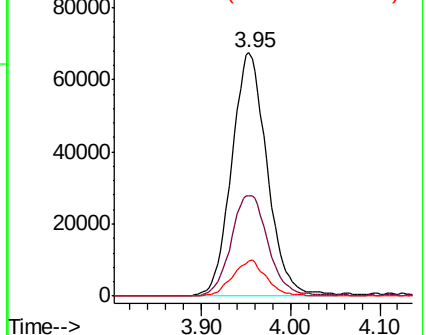
141 14.1 11.1 16.7

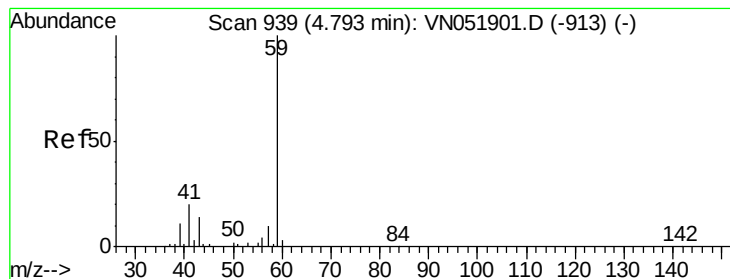


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



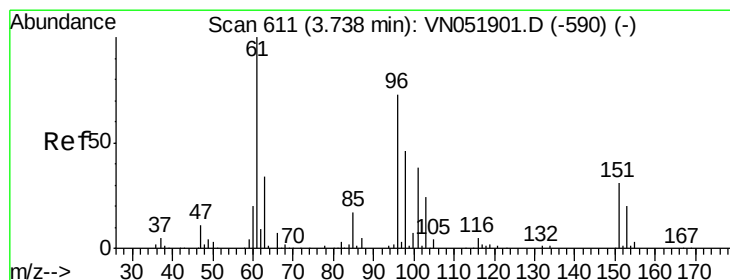
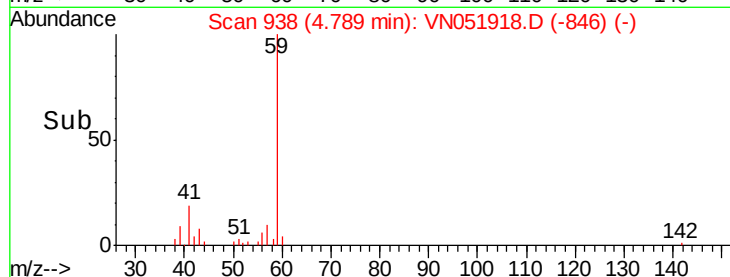
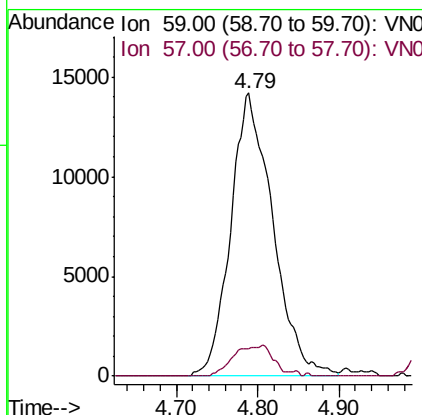
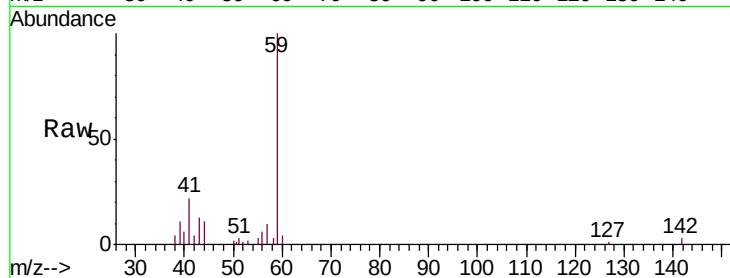


#11

Tert butyl alcohol
 Concen: 95.600 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

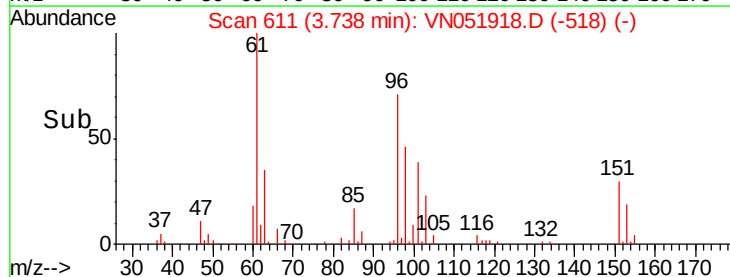
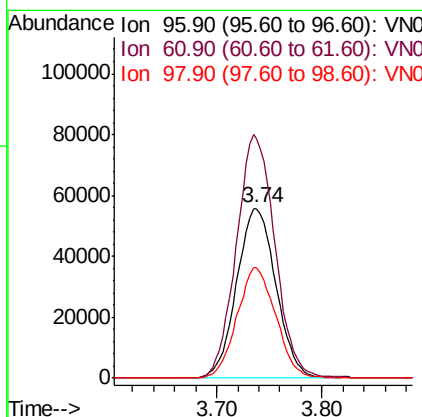
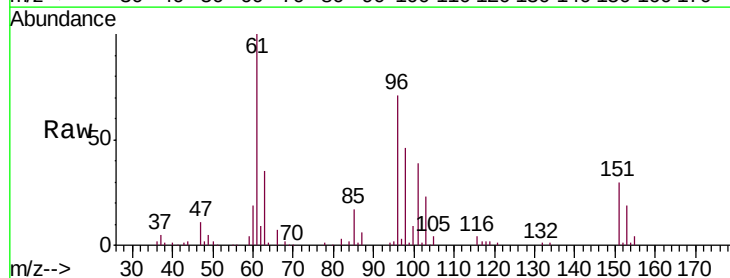
Tgt Ion: 59 Resp: 50971
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

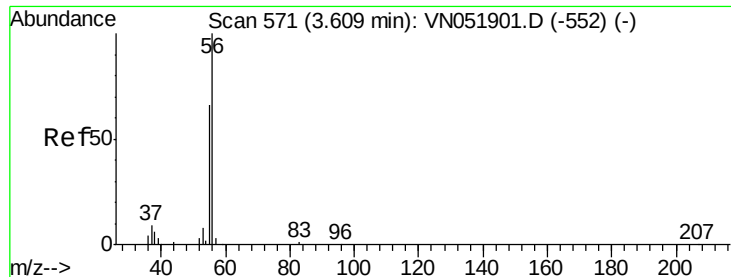


#12

1,1-Dichloroethene
 Concen: 20.437 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Tgt Ion: 96 Resp: 144762
 Ion Ratio Lower Upper
 96 100
 61 141.4 109.8 164.6
 98 64.8 50.9 76.3





#13

Acrolein

Concen: 70.722 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

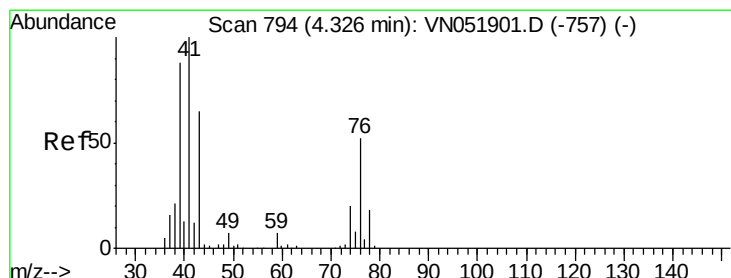
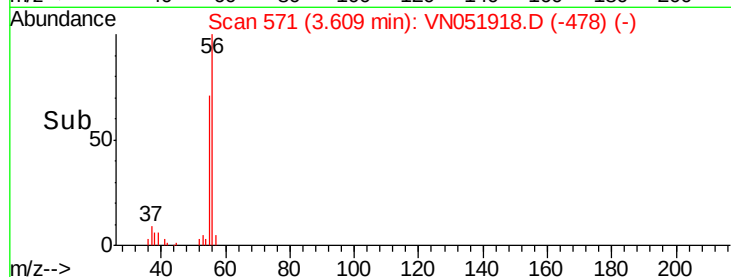
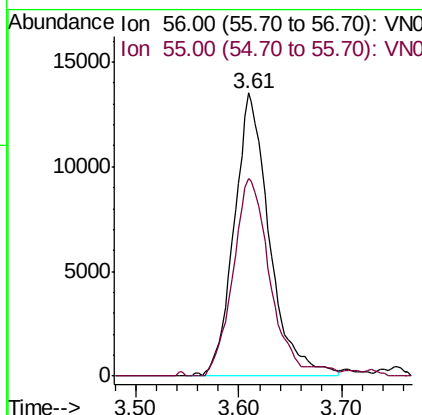
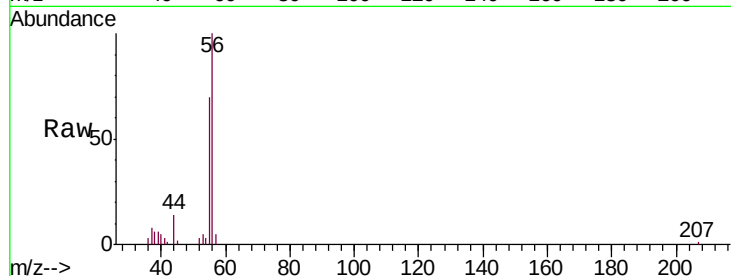
VN1018WBSD02

Tgt Ion: 56 Resp: 32193

Ion Ratio Lower Upper

56 100

55 72.5 56.7 85.1



#14

Allyl chloride

Concen: 20.703 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

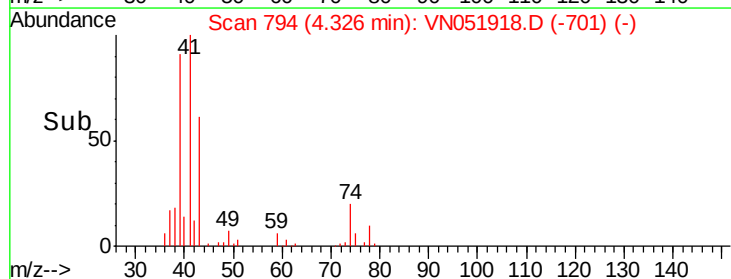
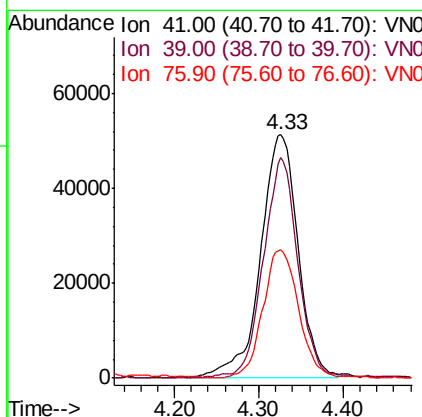
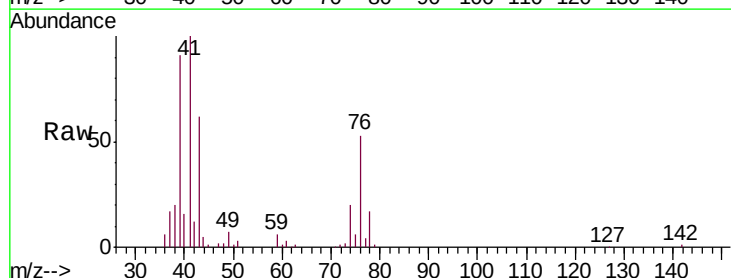
Tgt Ion: 41 Resp: 158829

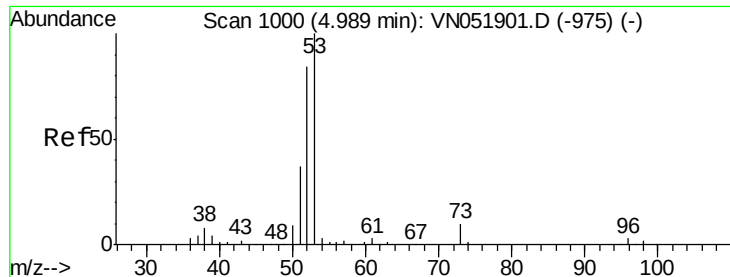
Ion Ratio Lower Upper

41 100

39 83.5 65.4 98.0

76 49.1 39.6 59.4





#15

Acrylonitrile

Concen: 101.412 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

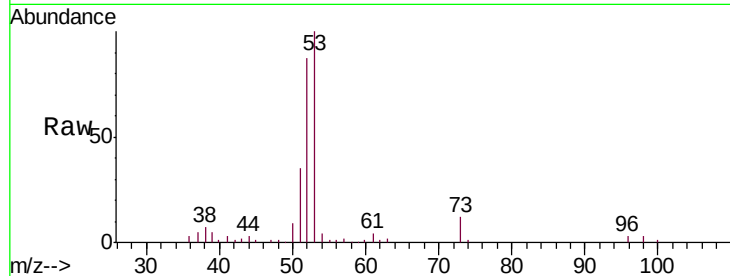
Tgt Ion: 53 Resp: 197425

Ion Ratio Lower Upper

53 100

52 81.9 65.8 98.8

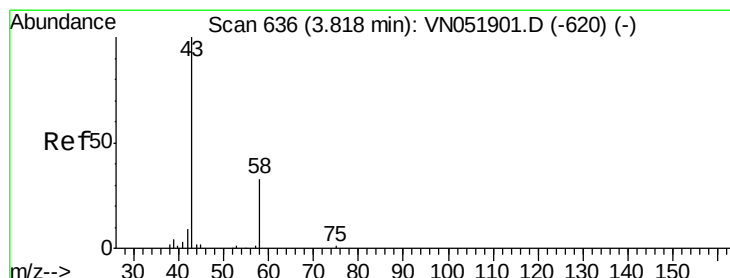
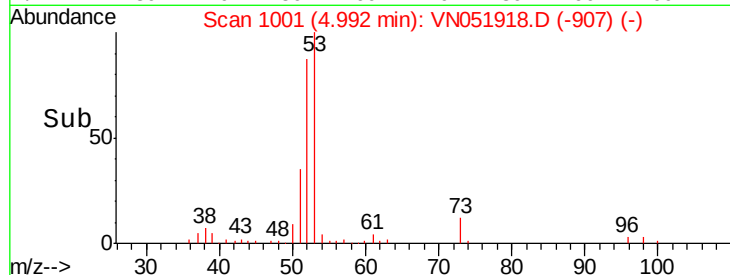
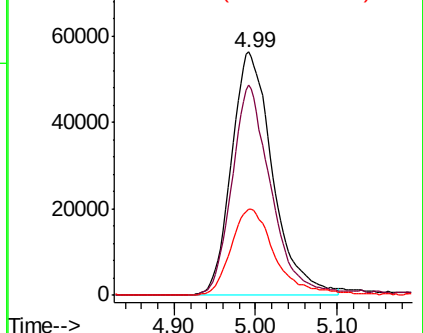
51 38.0 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 86.601 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051918.D

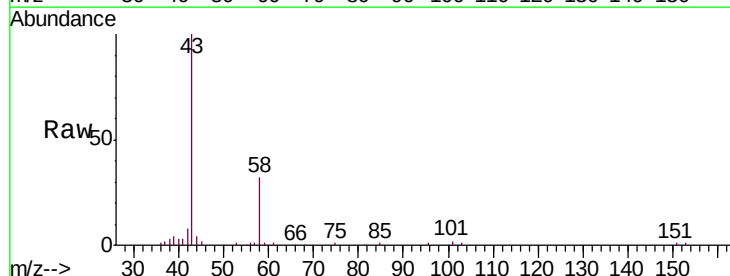
Acq: 18 Oct 2018 16:01

Tgt Ion: 43 Resp: 139920

Ion Ratio Lower Upper

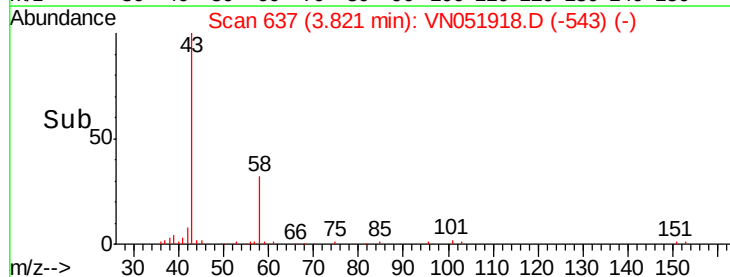
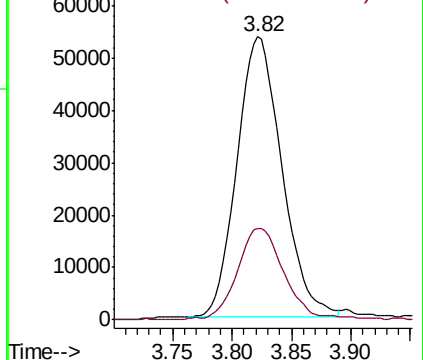
43 100

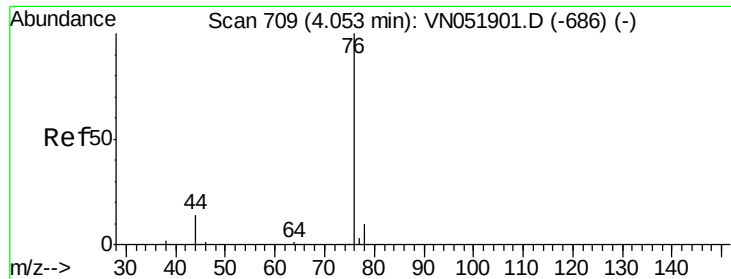
58 32.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

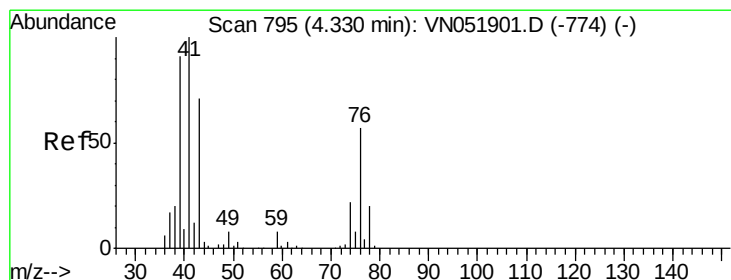
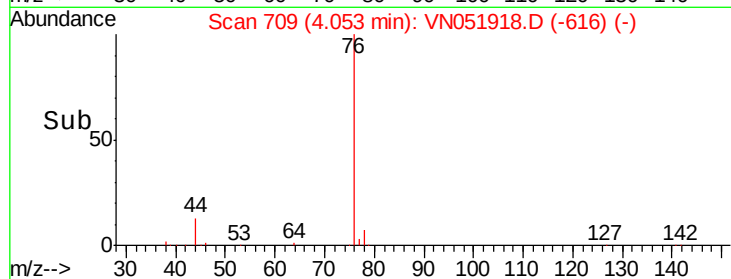
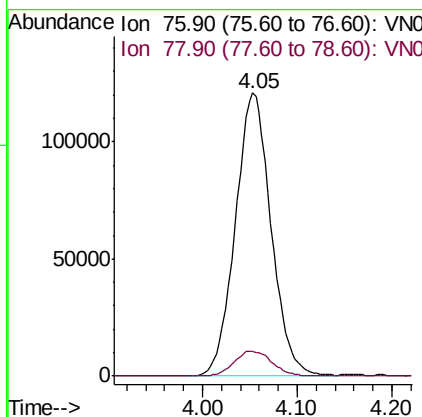
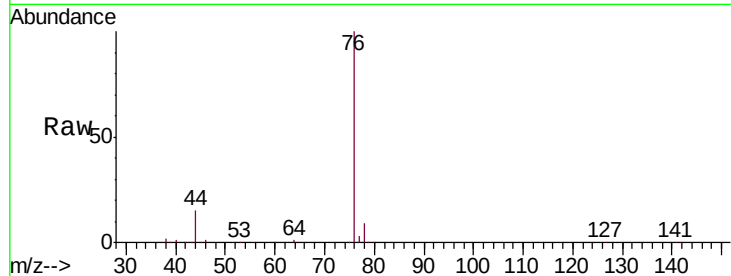




#17
Carbon Disulfide
Concen: 17.898 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

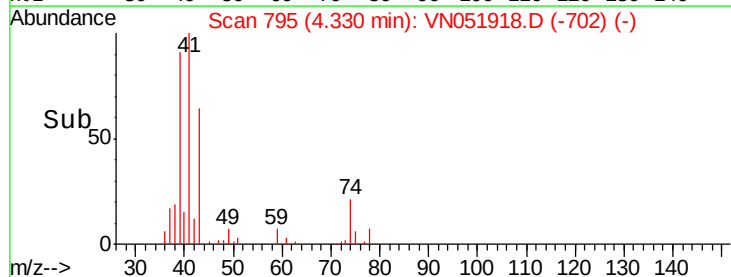
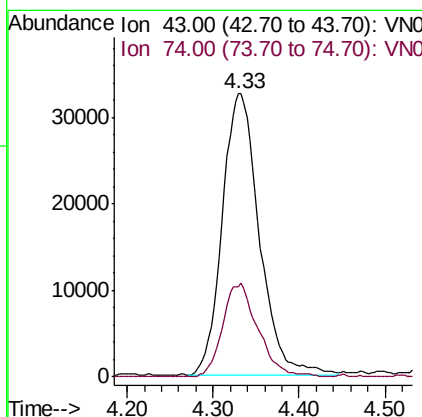
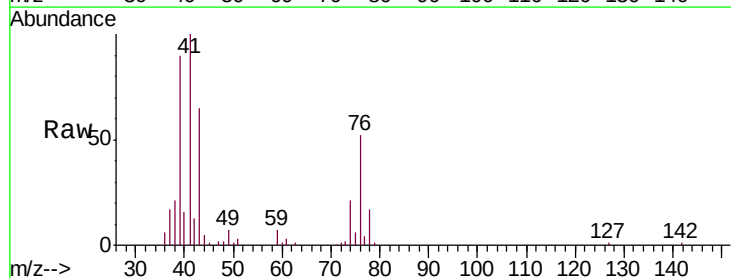
Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

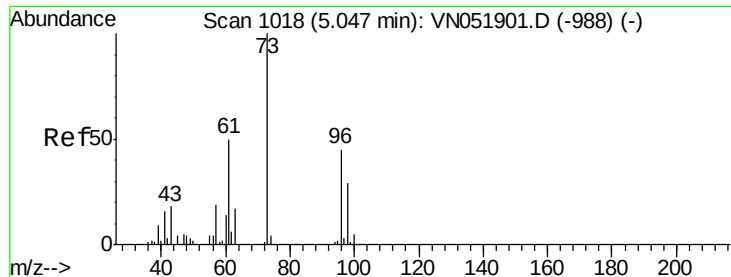
Tgt Ion: 76 Resp: 316087
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 18.603 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 43 Resp: 97783
Ion Ratio Lower Upper
43 100
74 31.5 24.9 37.3

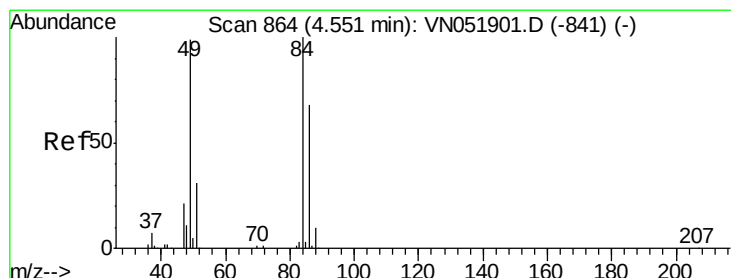
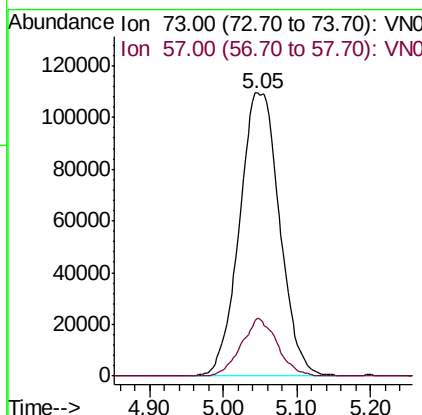
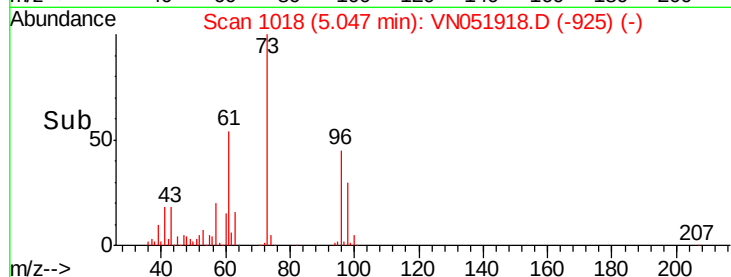
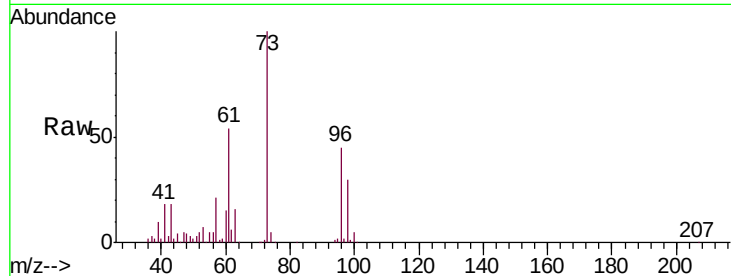




#19
Methyl tert-butyl Ether
Concen: 20.372 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

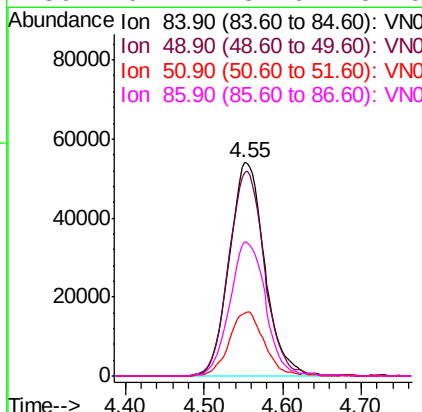
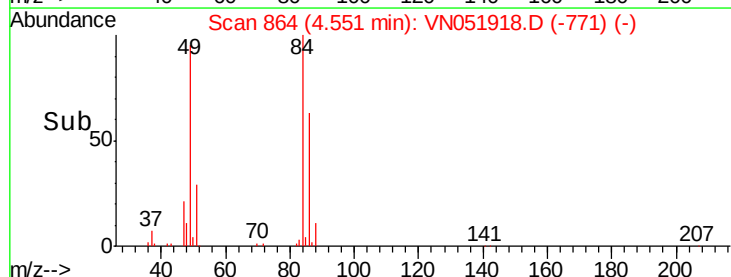
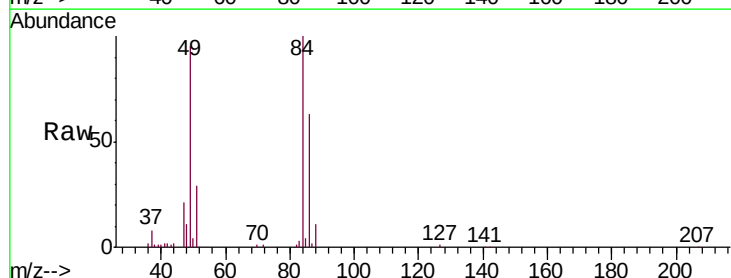
Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

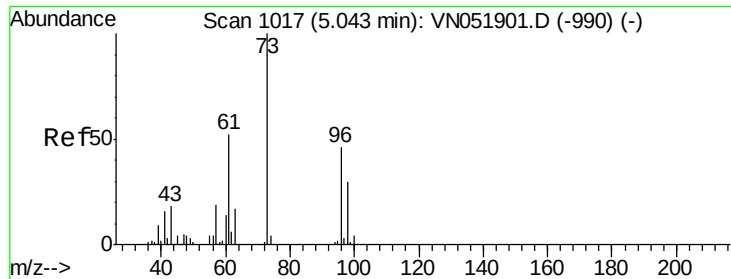
Tgt Ion: 73 Resp: 415863
Ion Ratio Lower Upper
73 100
57 20.6 15.3 22.9



#20
Methylene Chloride
Concen: 20.629 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 84 Resp: 169435
Ion Ratio Lower Upper
84 100
49 95.4 79.0 118.4
51 29.2 24.9 37.3
86 62.7 54.6 82.0

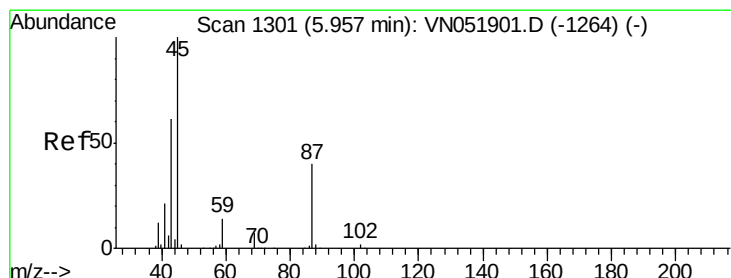
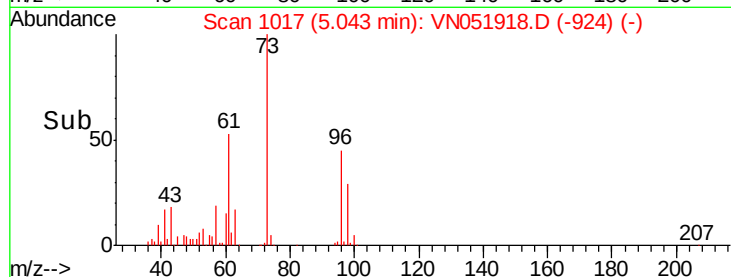
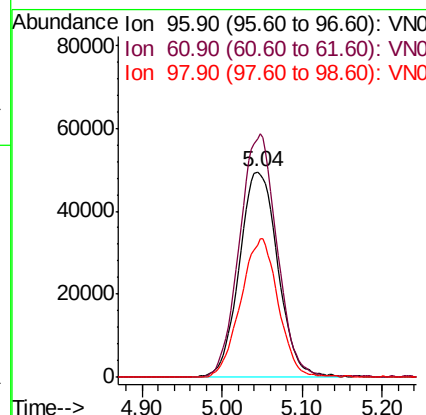
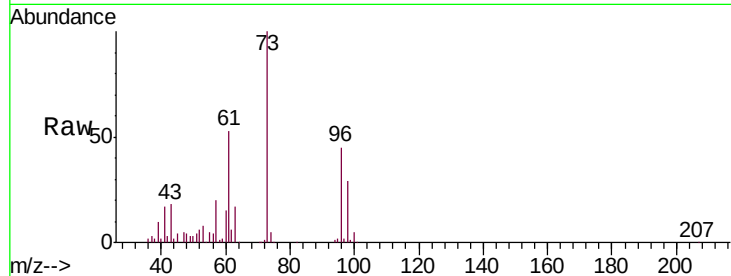




#21
trans-1,2-Dichloroethene
Concen: 19.900 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

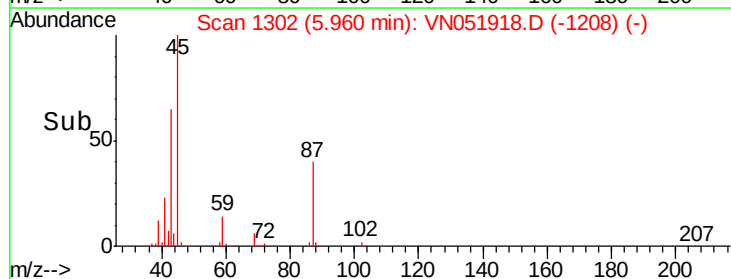
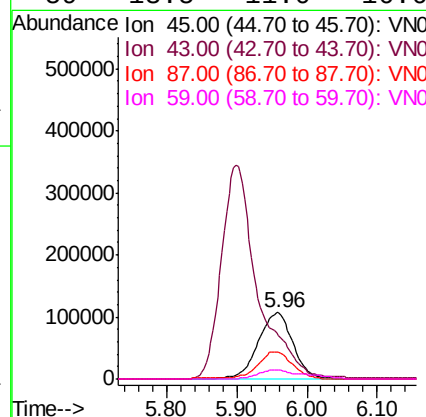
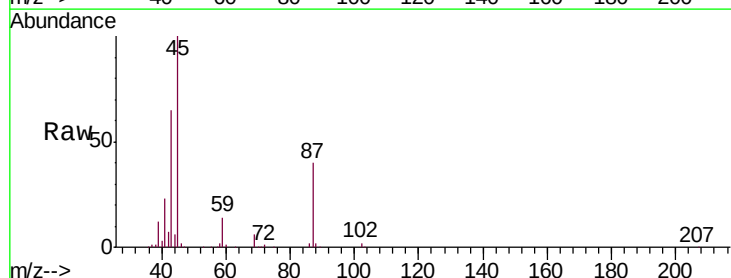
Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

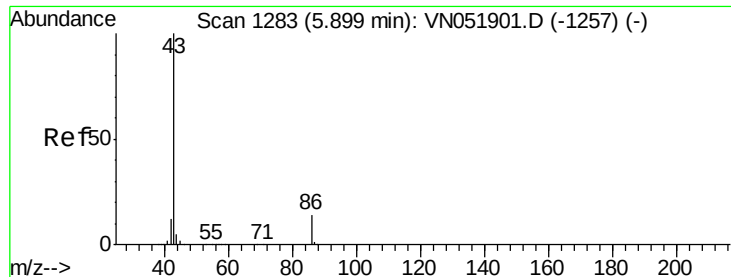
Tgt Ion: 96 Resp: 161999
Ion Ratio Lower Upper
96 100
61 116.0 89.8 134.6
98 64.5 51.7 77.5



#22
Diisopropyl ether
Concen: 20.575 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 45 Resp: 367873
Ion Ratio Lower Upper
45 100
43 63.9 48.9 73.3
87 39.4 32.6 48.8
59 13.5 11.0 16.6





#23

Vinyl Acetate

Concen: 100.491 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

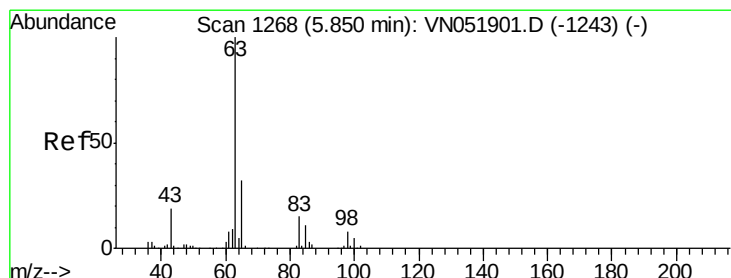
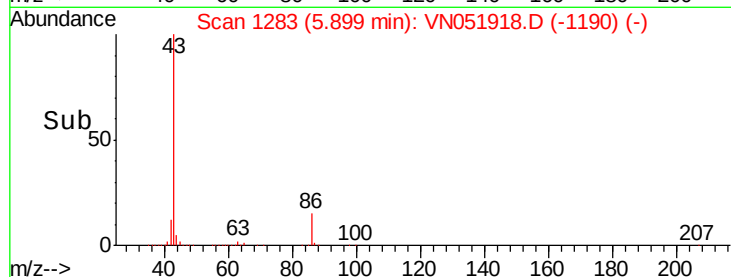
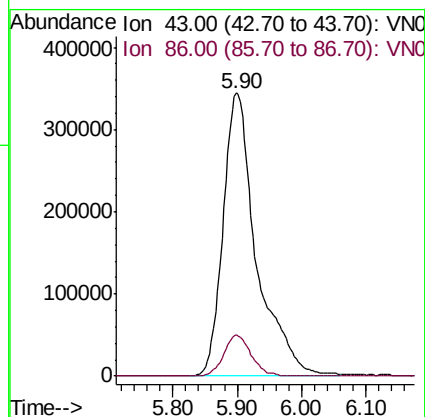
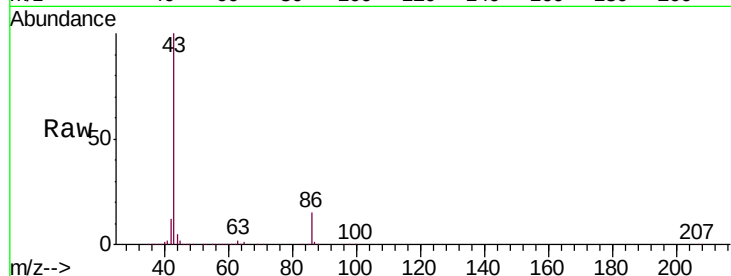
VN1018WBSD02

Tgt Ion: 43 Resp: 1236989

Ion Ratio Lower Upper

43 100

86 14.6 11.5 17.3



#24

1,1-Dichloroethane

Concen: 20.858 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

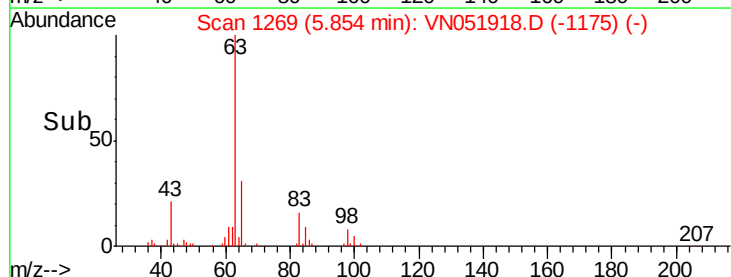
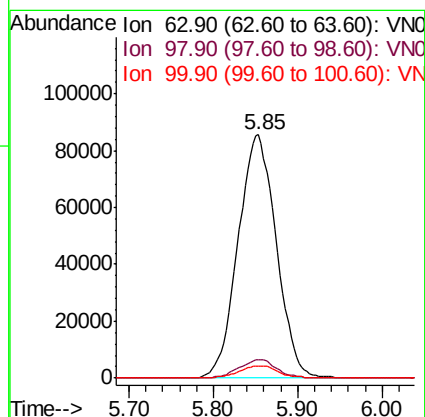
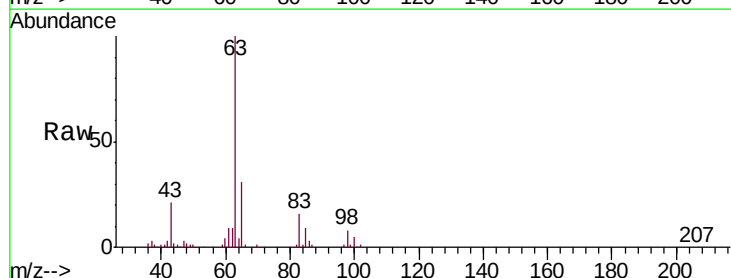
Tgt Ion: 63 Resp: 270074

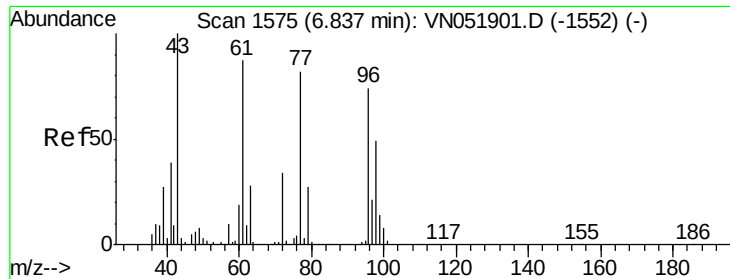
Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 95.784 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

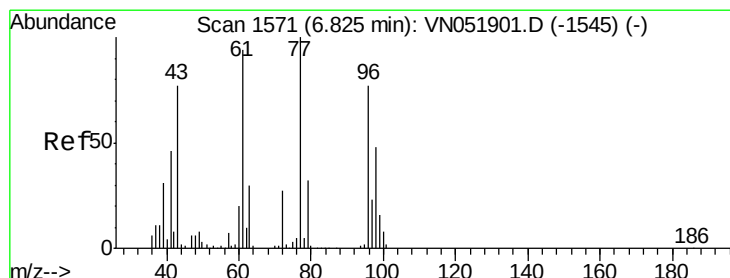
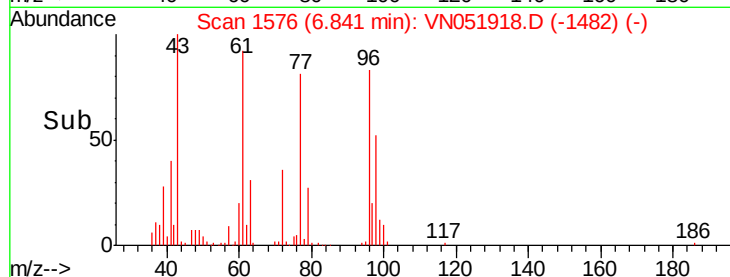
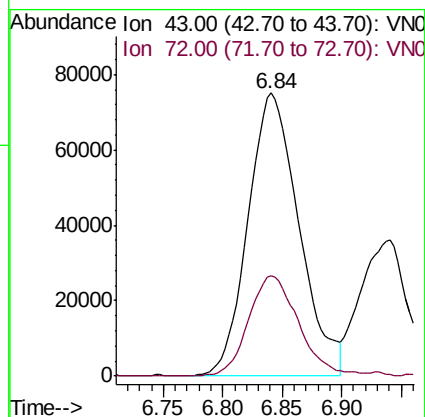
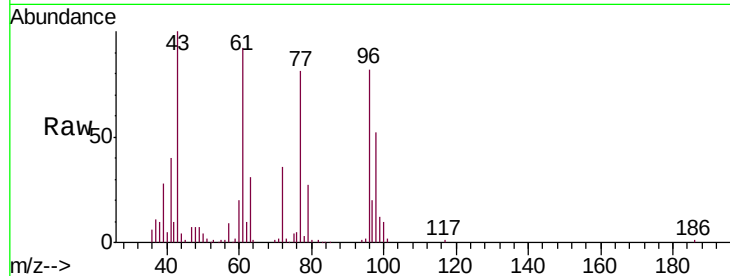
VN1018WBSD02

Tgt Ion: 43 Resp: 221177

Ion Ratio Lower Upper

43 100

72 35.7 27.0 40.6



#26

2,2-Dichloropropane

Concen: 19.041 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051918.D

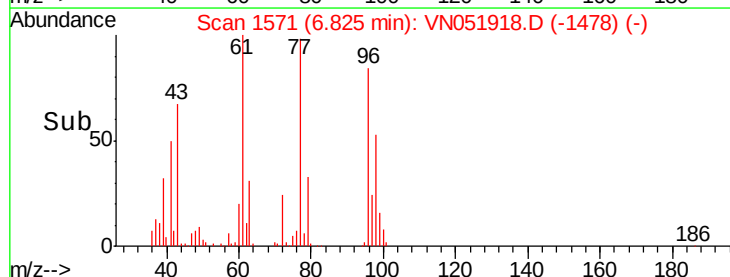
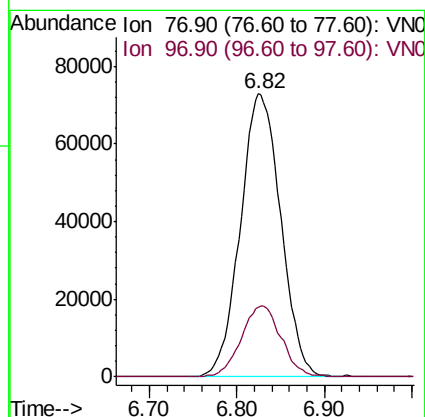
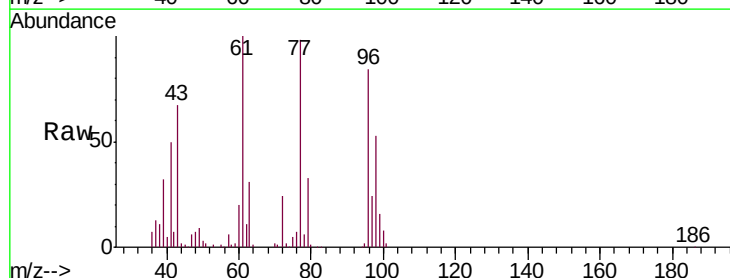
Acq: 18 Oct 2018 16:01

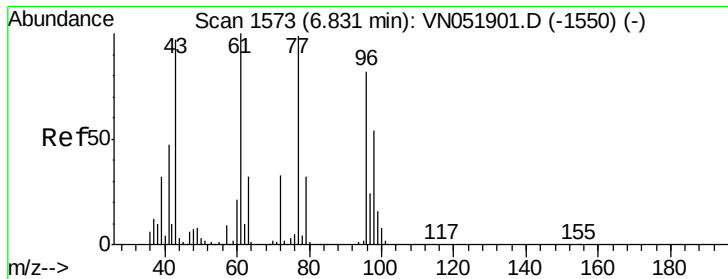
Tgt Ion: 77 Resp: 233177

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.793 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

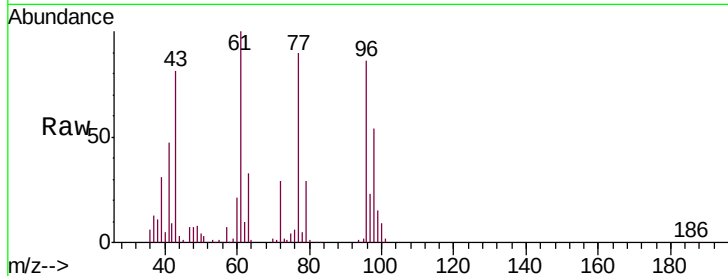
Tgt Ion: 96 Resp: 196709

Ion Ratio Lower Upper

96 100

61 117.2 0.0 240.2

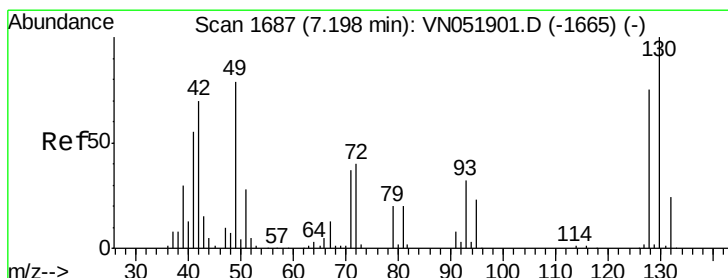
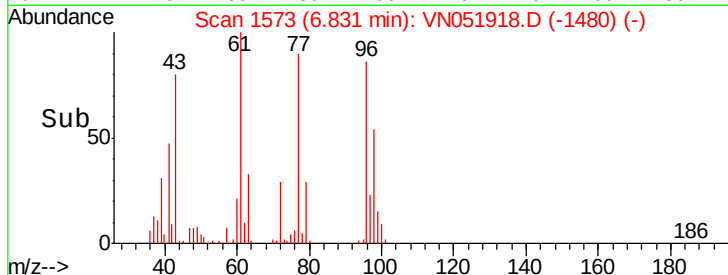
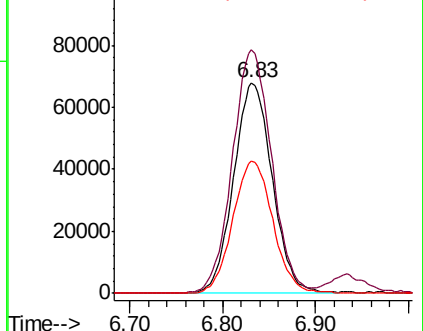
98 64.9 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN051918.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN051918.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN051918.D (-1550) (-)



#28

Bromochloromethane

Concen: 20.842 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

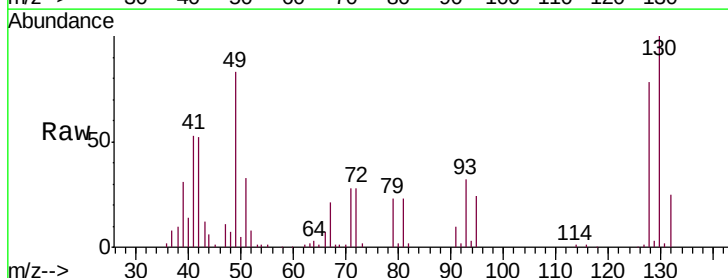
Tgt Ion: 49 Resp: 109583

Ion Ratio Lower Upper

49 100

129 3.0 0.0 6.0

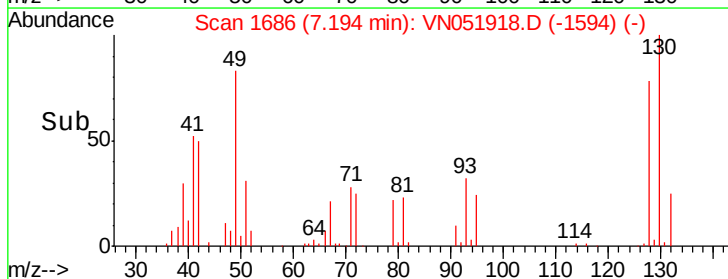
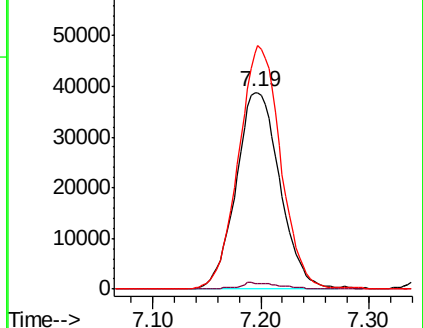
130 118.7 96.7 145.1

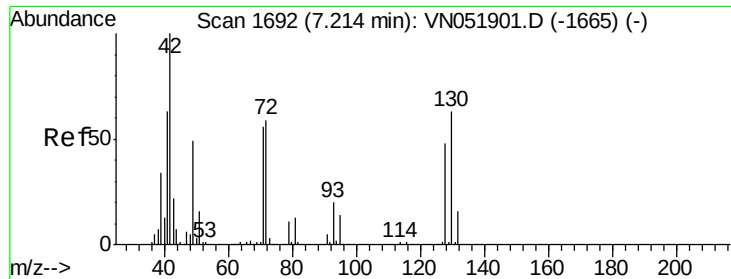


Abundance Ion 48.90 (48.60 to 49.60): VN051918.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN051918.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN051918.D (-1665) (-)

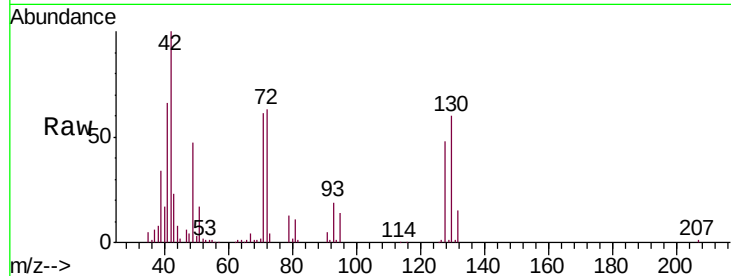




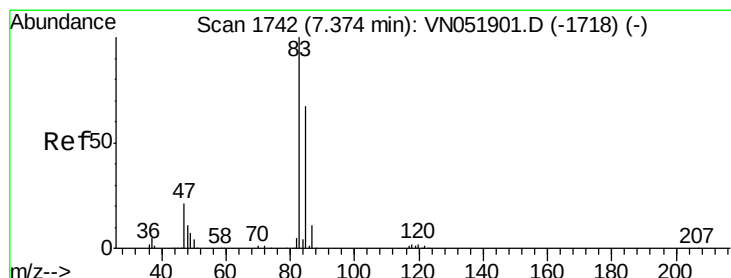
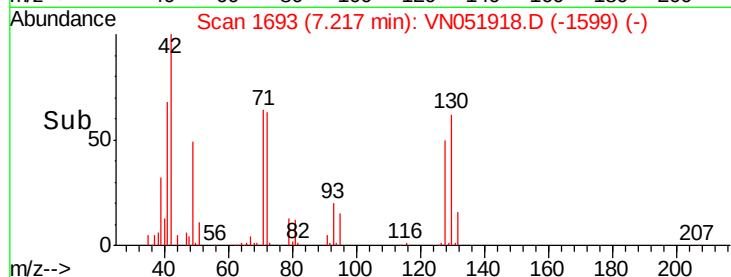
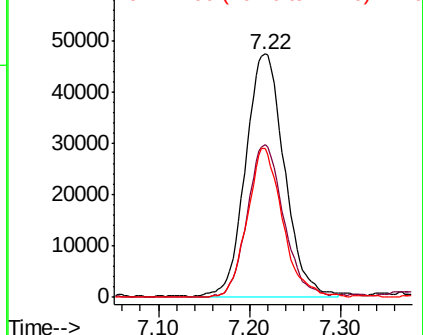
#29
Tetrahydrofuran
Concen: 98.932 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

Tgt Ion: 42 Resp: 139531
Ion Ratio Lower Upper
42 100
72 59.3 47.7 71.5
71 56.4 45.4 68.0

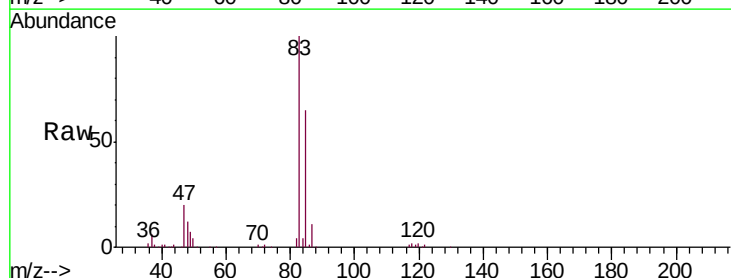


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

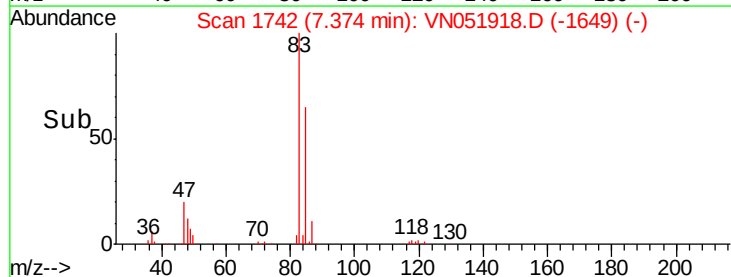
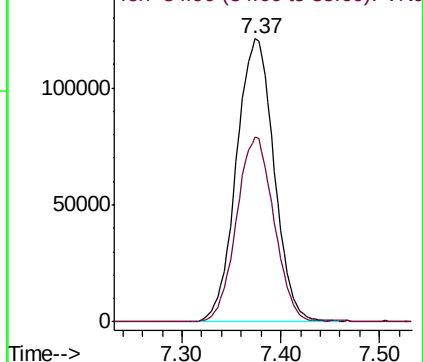


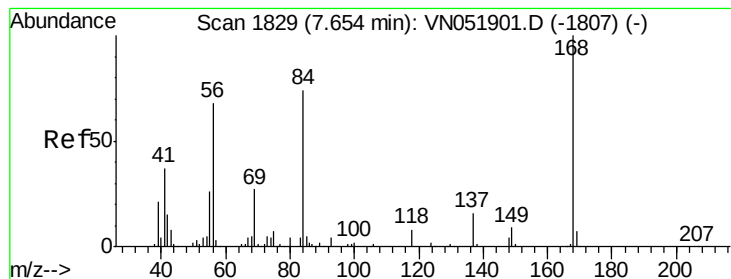
#30
Chloroform
Concen: 20.682 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 83 Resp: 320372
Ion Ratio Lower Upper
83 100
85 65.4 53.4 80.2



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





#31

Cyclohexane

Concen: 19.347 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

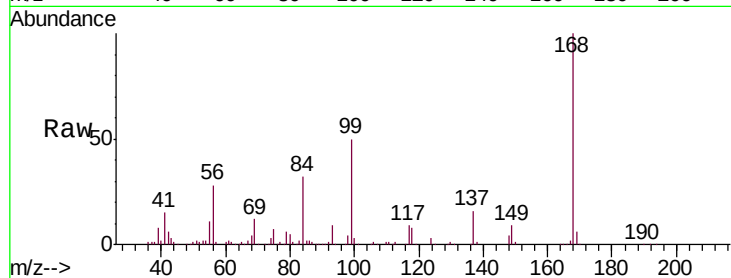
Tgt Ion: 56 Resp: 220723

Ion Ratio Lower Upper

56 100

69 42.1 31.2 46.8

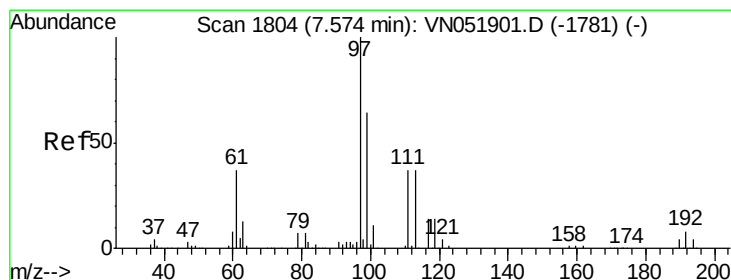
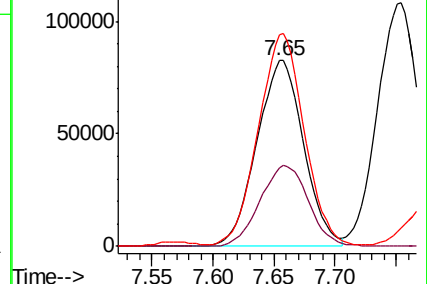
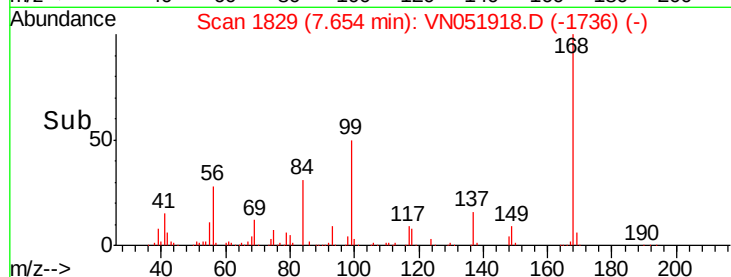
84 112.0 86.6 130.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.618 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

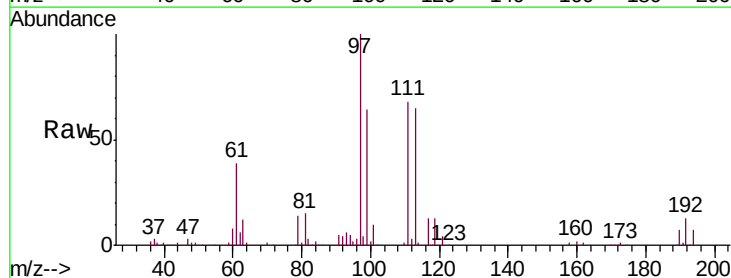
Tgt Ion: 97 Resp: 297891

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

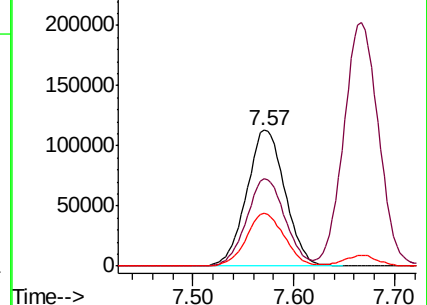
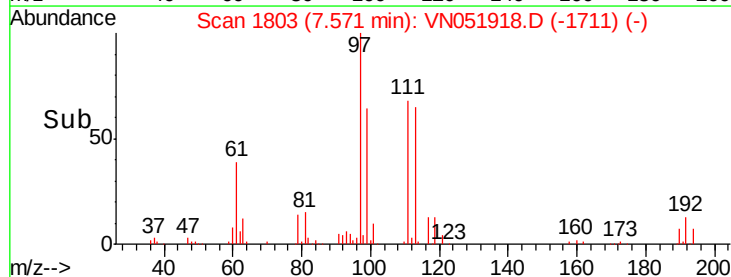
61 38.4 29.8 44.6

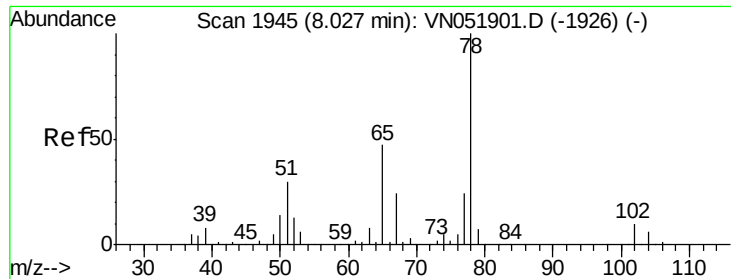


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

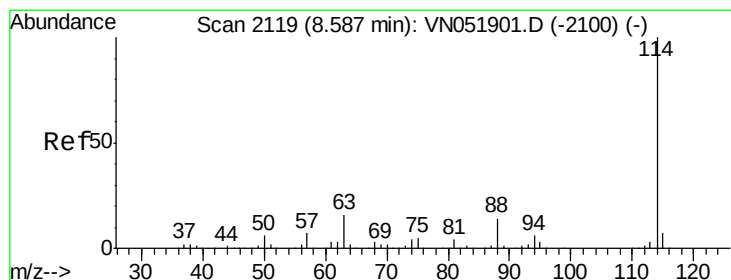
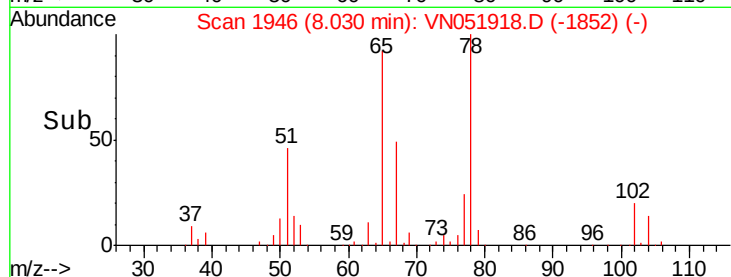
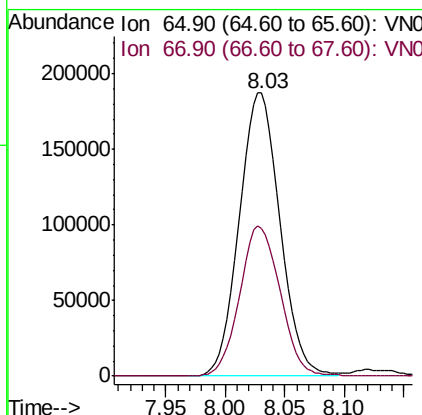
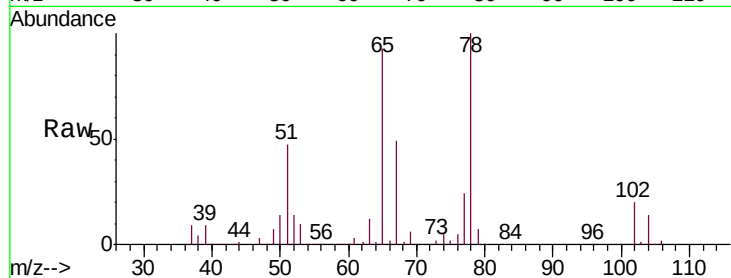




#33
 1,2-Dichloroethane-d4
 Concen: 20.618 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

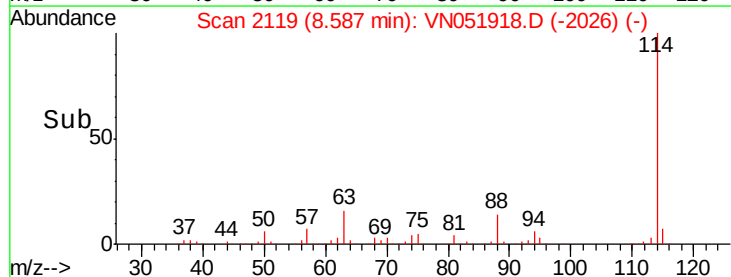
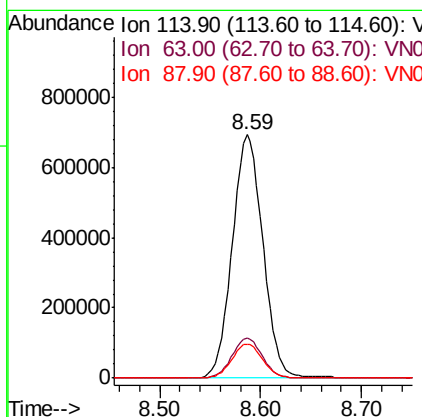
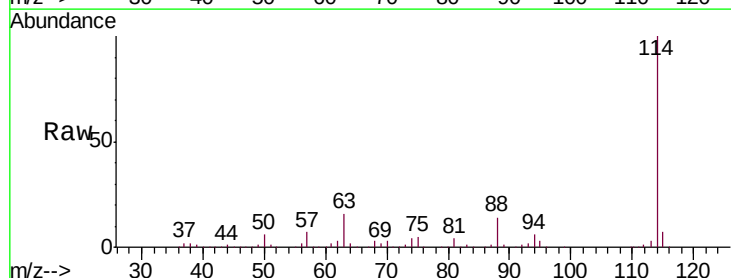
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

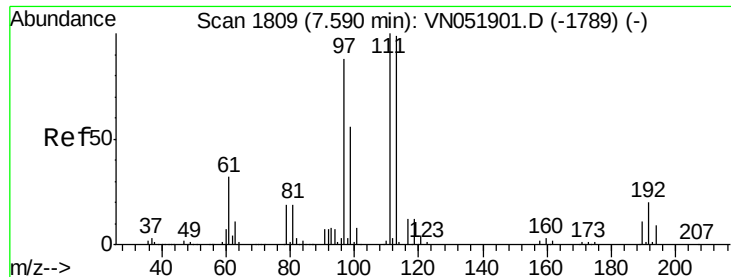
Tgt Ion: 65 Resp: 444515
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Tgt Ion: 114 Resp: 1464028
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.8
 88 14.0 0.0 28.0

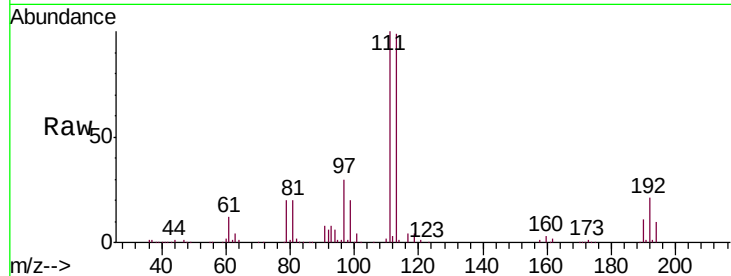




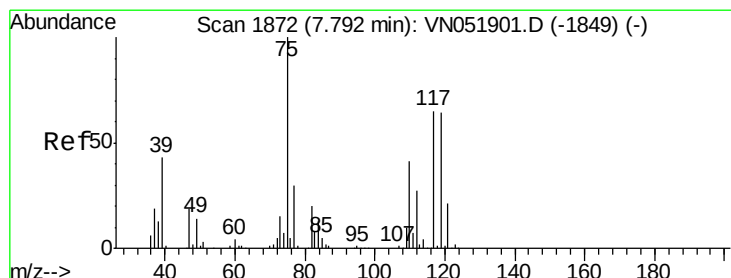
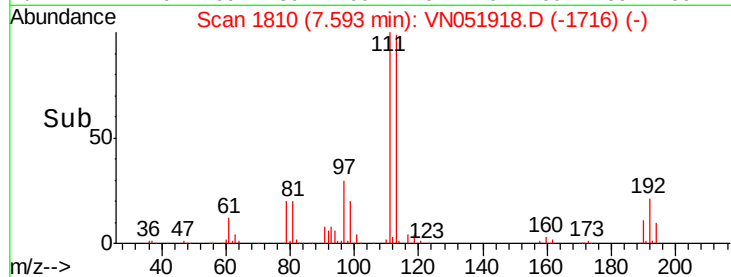
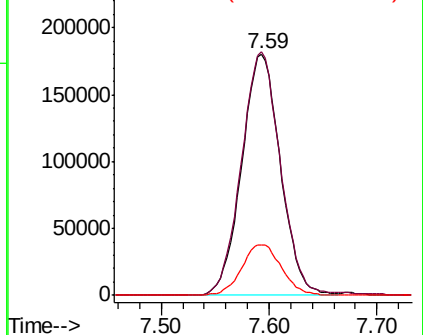
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	21.8	17.3	25.9

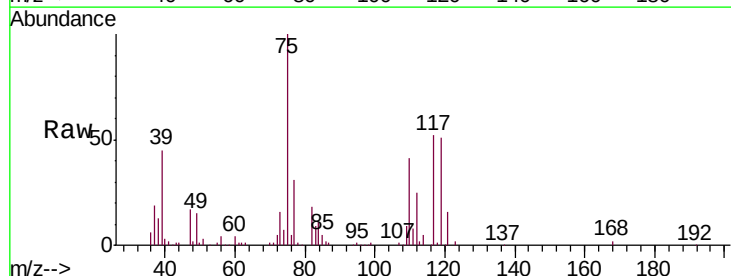


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

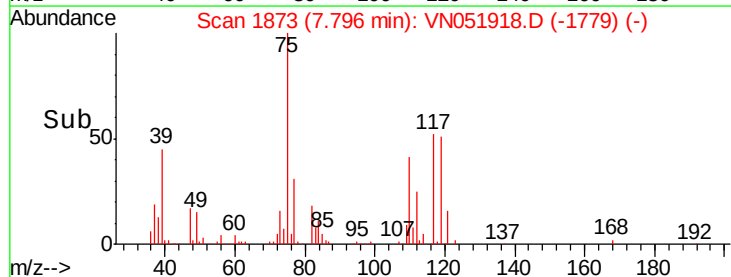
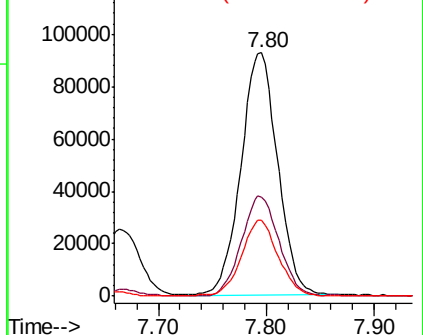


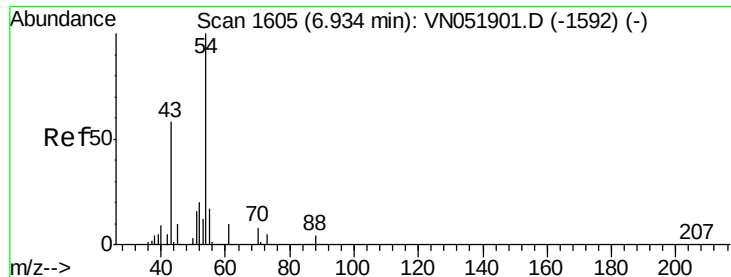
#36
 1,1-Dichloropropene
 Concen: 19.335 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.9	21.0	63.0
77	31.2	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

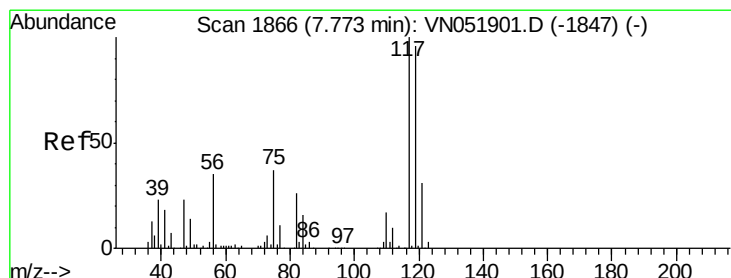
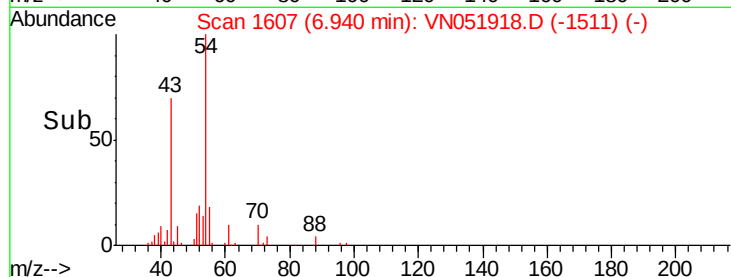
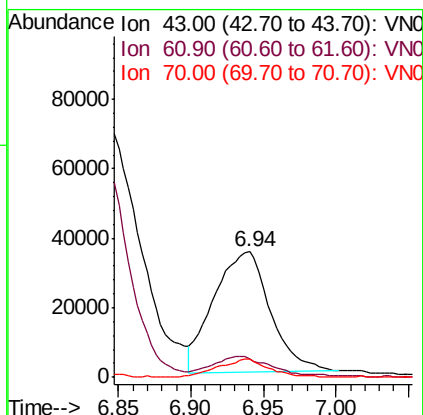
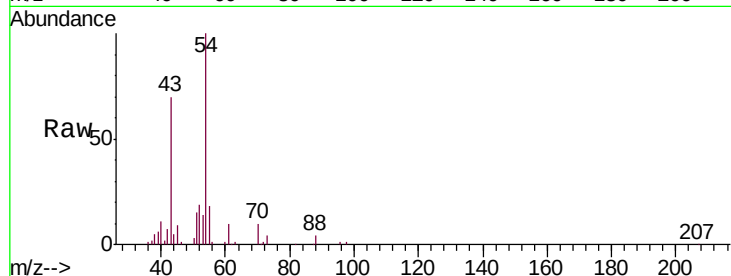




#37
Ethyl Acetate
Concen: 17.034 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

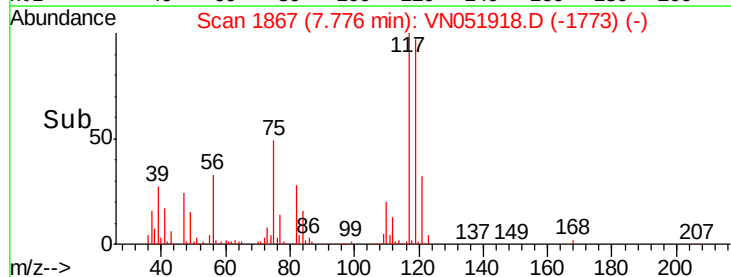
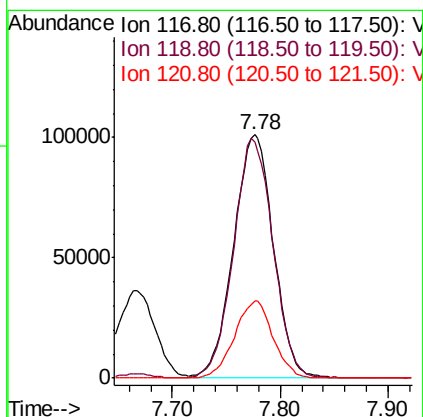
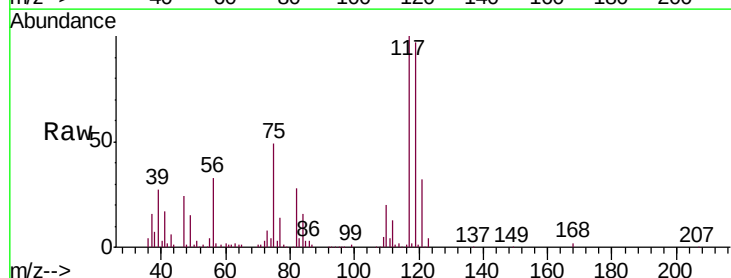
Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

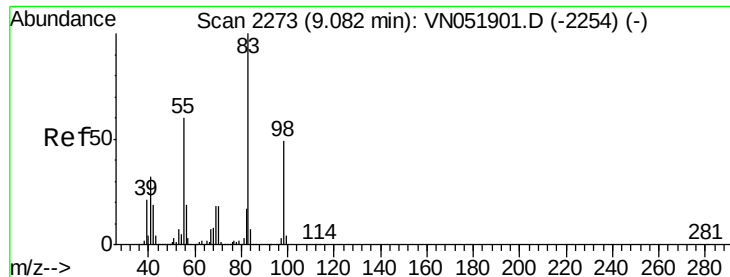
Tgt Ion: 43 Resp: 93574
Ion Ratio Lower Upper
43 100
61 17.3 13.0 19.6
70 13.6 10.4 15.6



#38
Carbon Tetrachloride
Concen: 19.342 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 117 Resp: 258830
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.6
121 31.8 25.1 37.7

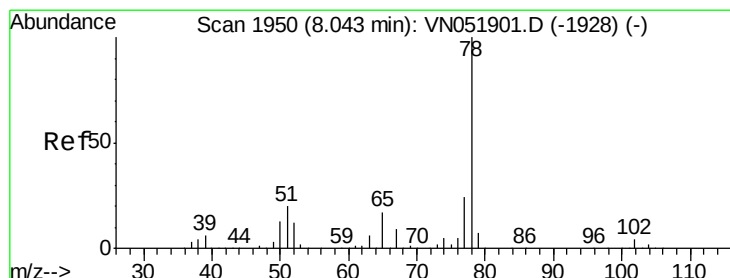
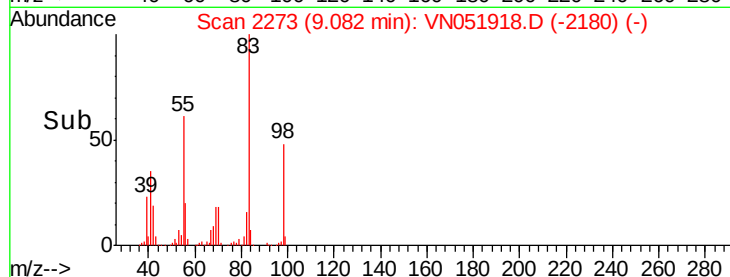
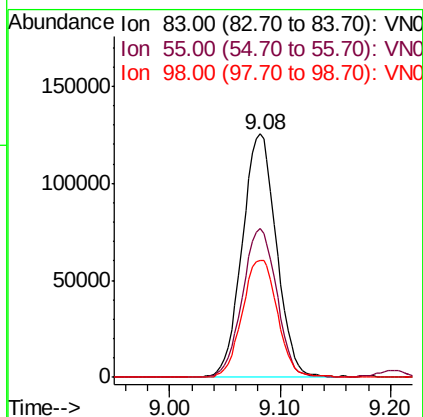
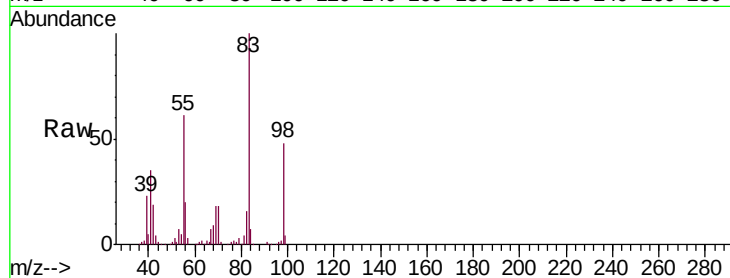




#39
Methylcyclohexane
Concen: 19.179 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

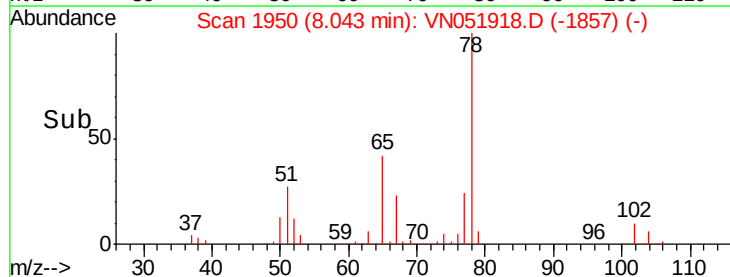
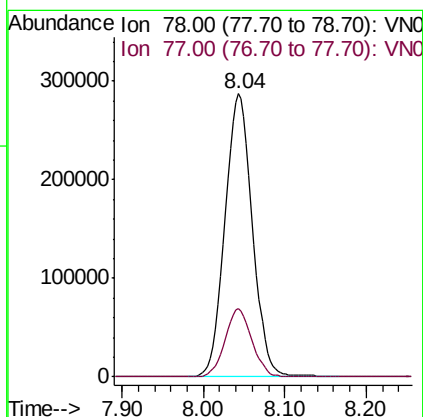
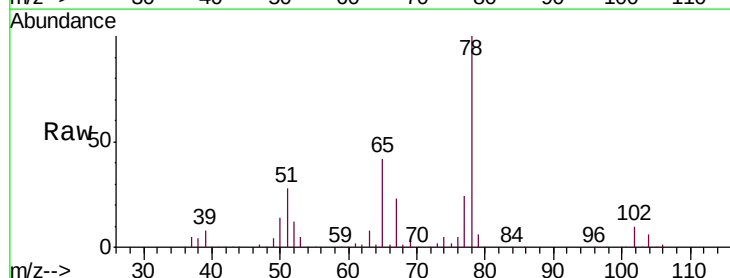
Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

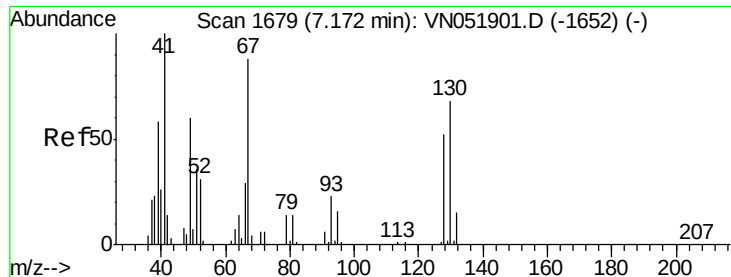
Tgt Ion: 83 Resp: 269857
Ion Ratio Lower Upper
83 100
55 61.0 47.8 71.8
98 48.1 39.0 58.4



#40
Benzene
Concen: 20.492 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 78 Resp: 680221
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3





#41

Methacrylonitrile

Concen: 18.768 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.01 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

Tgt Ion: 41 Resp: 48440

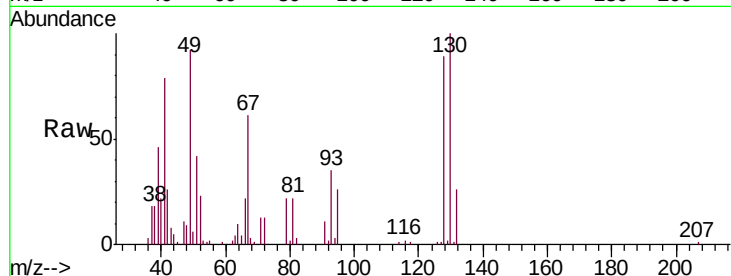
Ion Ratio Lower Upper

41 100

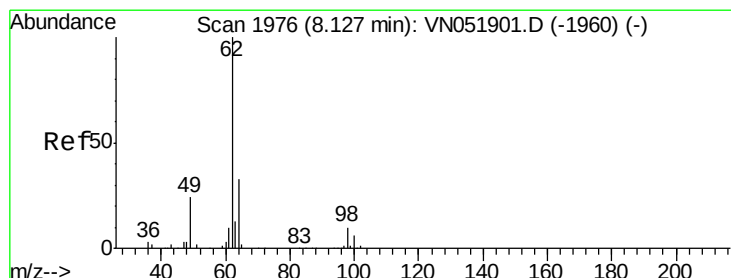
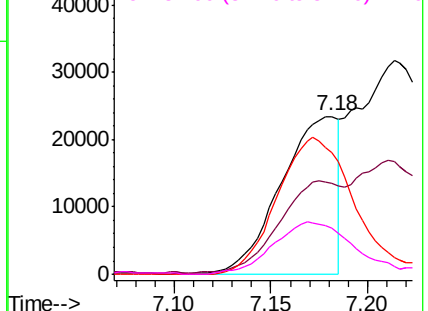
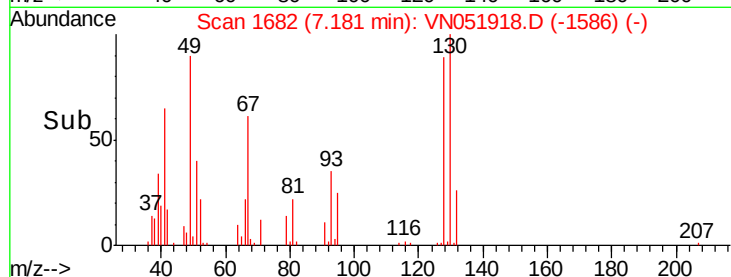
39 61.4 56.1 84.1

67 116.3 106.5 159.7

52 47.6 39.4 59.0



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



#42

1,2-Dichloroethane

Concen: 20.244 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN051918.D

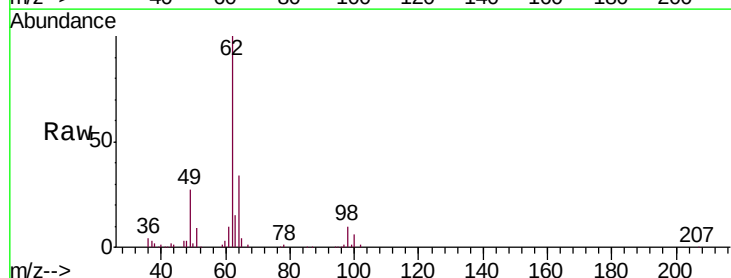
Acq: 18 Oct 2018 16:01

Tgt Ion: 62 Resp: 215284

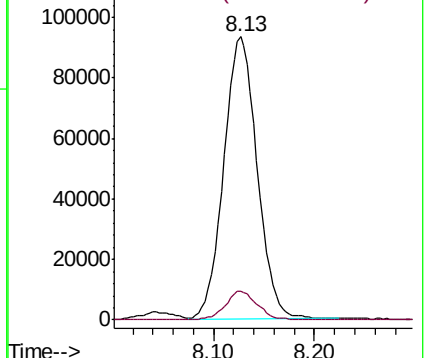
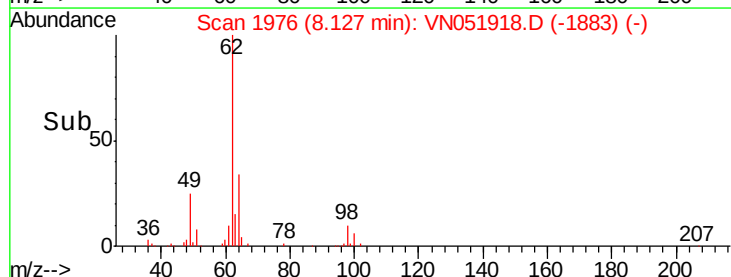
Ion Ratio Lower Upper

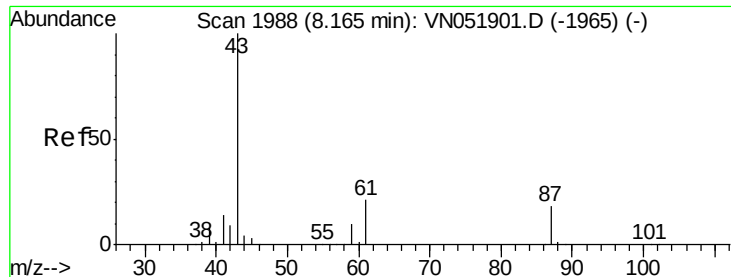
62 100

98 9.8 0.0 19.6



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

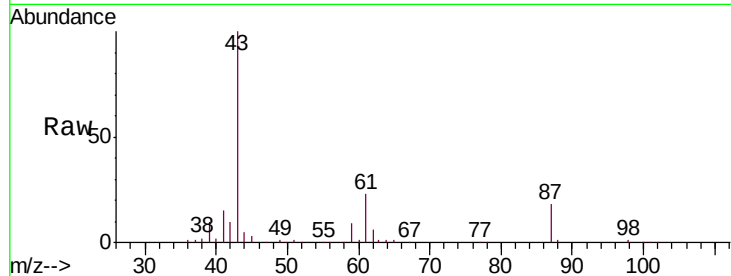




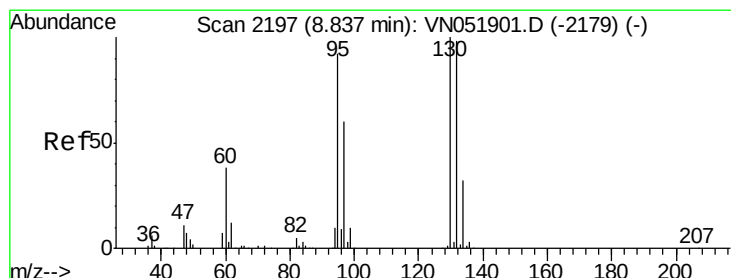
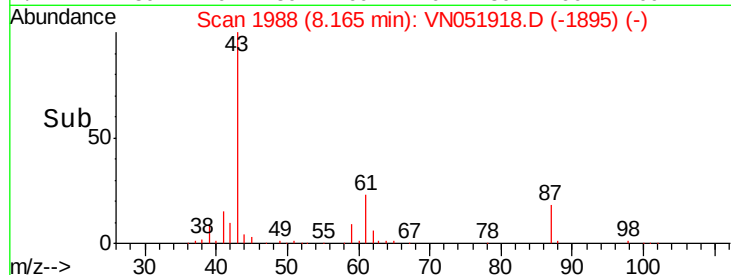
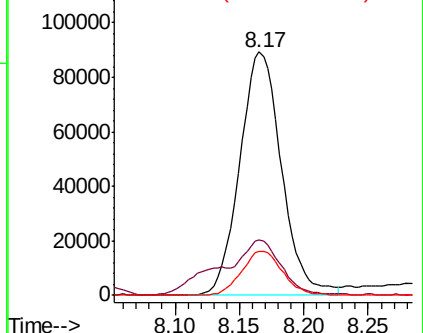
#43
Isopropyl Acetate
Concen: 18.591 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

Tgt Ion: 43 Resp: 200732
Ion Ratio Lower Upper
43 100
61 20.7 24.9 37.3#
87 17.9 14.6 22.0

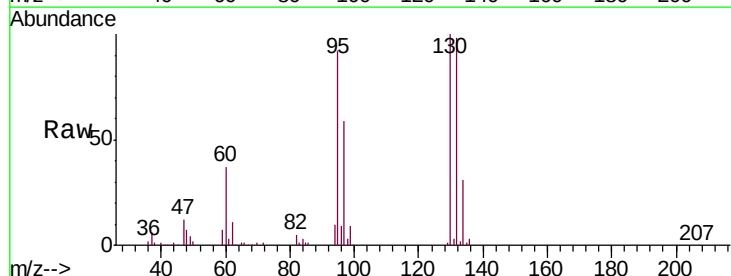


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

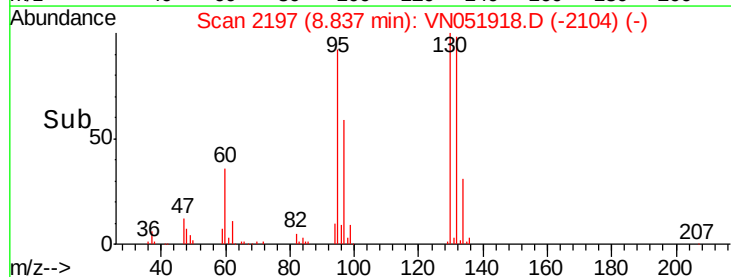
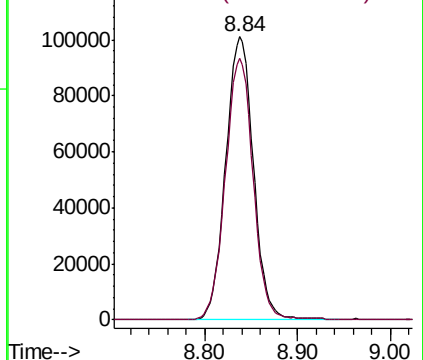


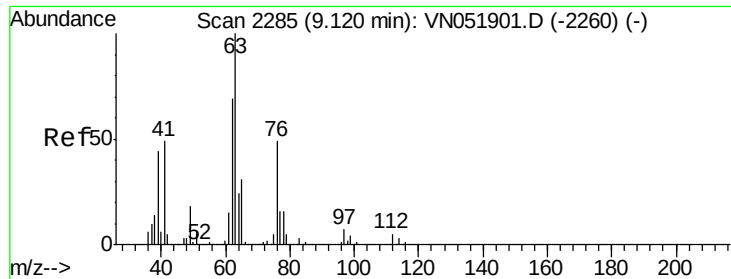
#44
Trichloroethene
Concen: 20.154 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 130 Resp: 209944
Ion Ratio Lower Upper
130 100
95 92.4 0.0 183.2



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

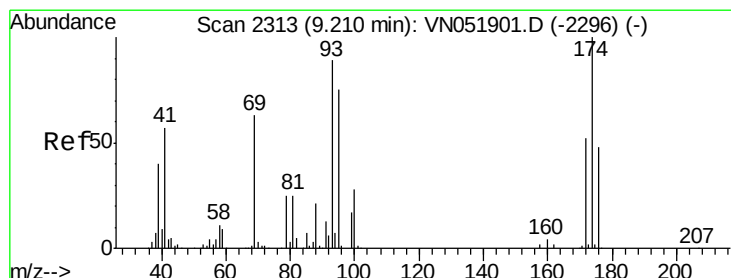
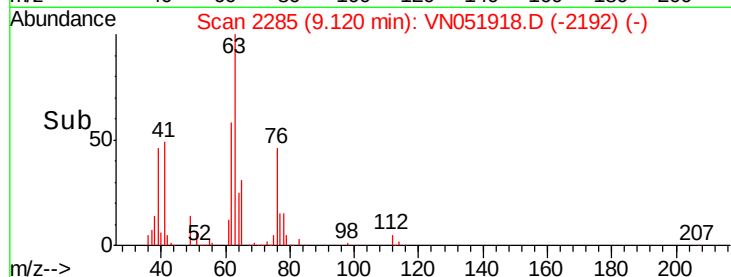
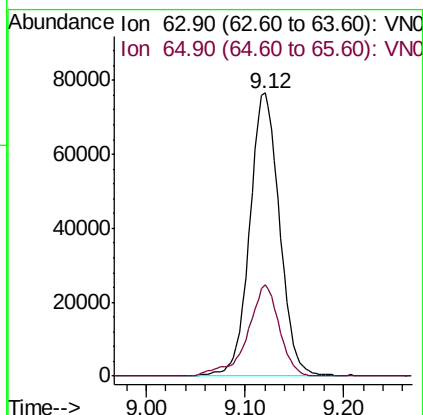
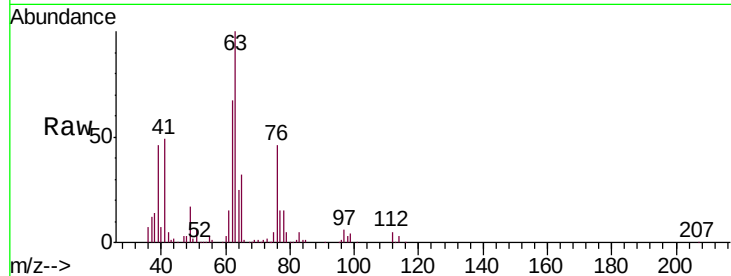




#45
 1,2-Dichloropropane
 Concen: 20.788 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

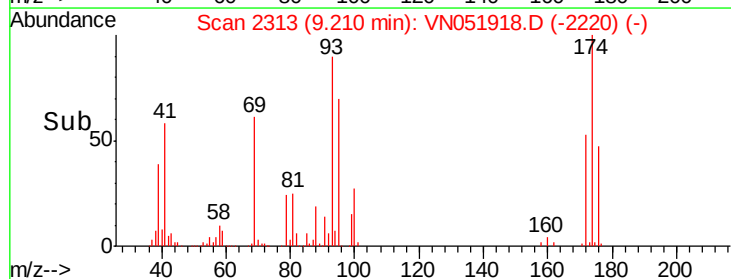
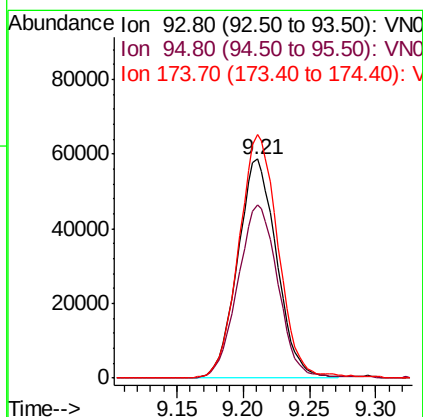
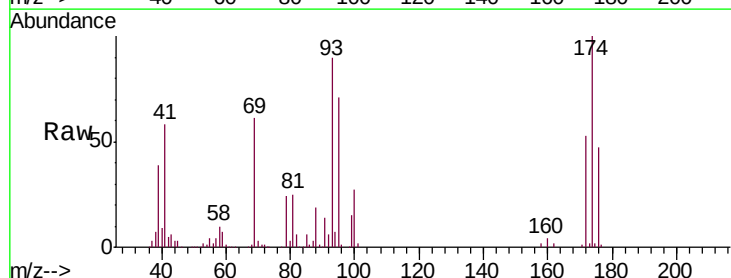
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

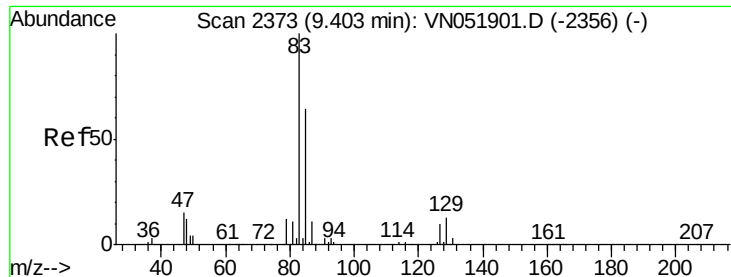
Tgt Ion: 63 Resp: 159565
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.9 37.3



#46
 Dibromomethane
 Concen: 20.537 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Tgt Ion: 93 Resp: 120156
 Ion Ratio Lower Upper
 93 100
 95 81.0 67.8 101.6
 174 112.6 91.9 137.9

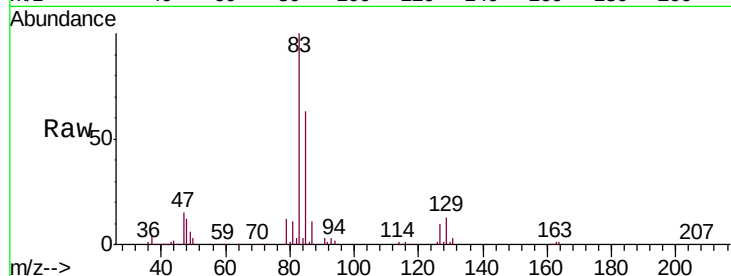




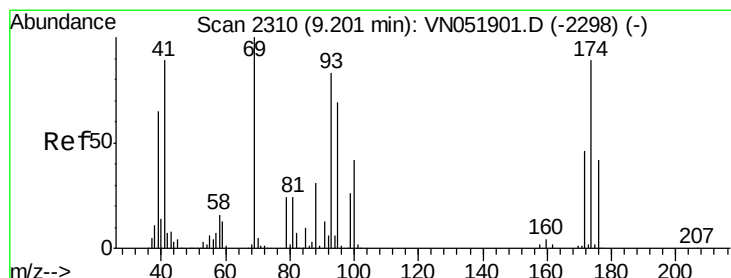
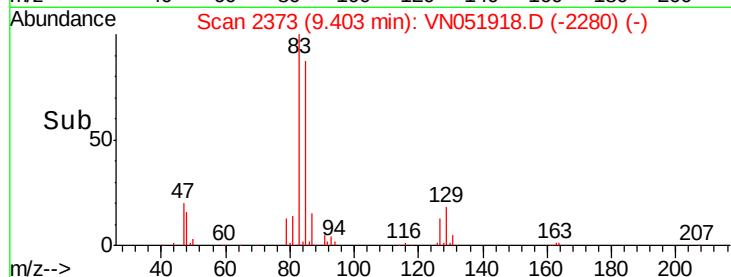
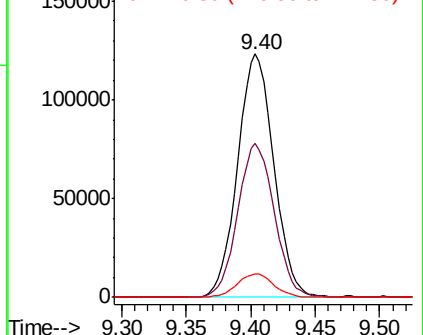
#47
Bromodichloromethane
Concen: 20.584 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

Tgt Ion: 83 Resp: 241375
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.2
127 9.5 7.9 11.9

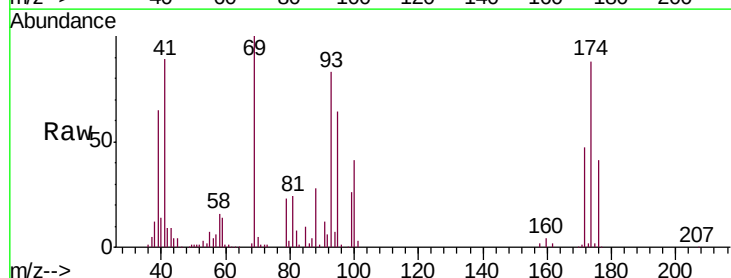


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

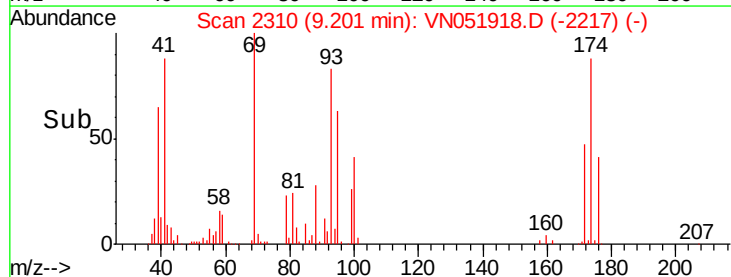
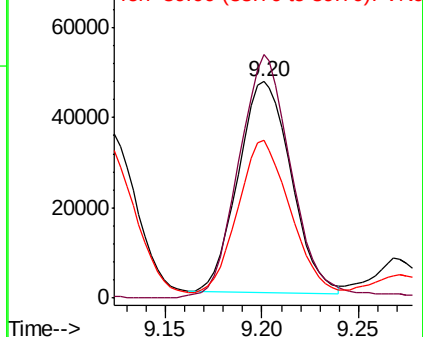


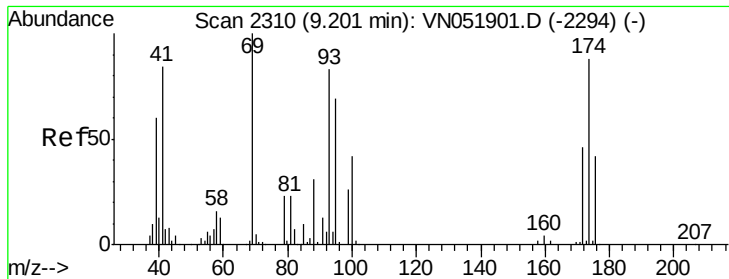
#48
Methyl methacrylate
Concen: 19.442 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 41 Resp: 89179
Ion Ratio Lower Upper
41 100
69 116.3 90.2 135.2
39 75.0 59.7 89.5



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

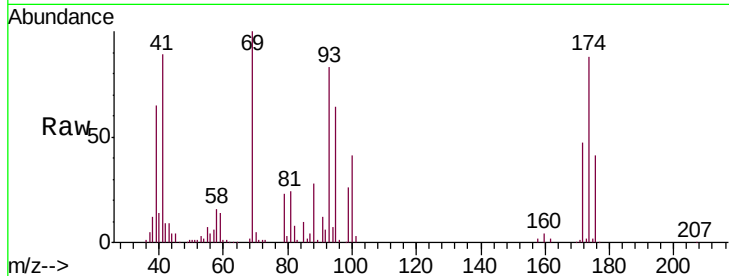




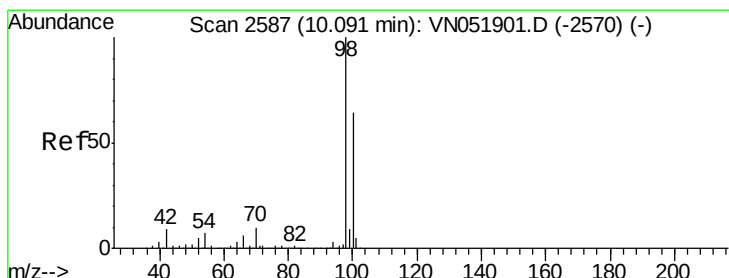
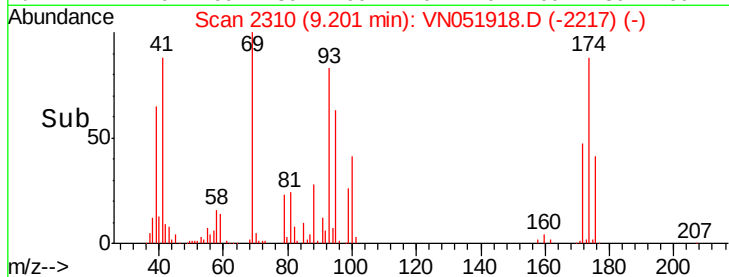
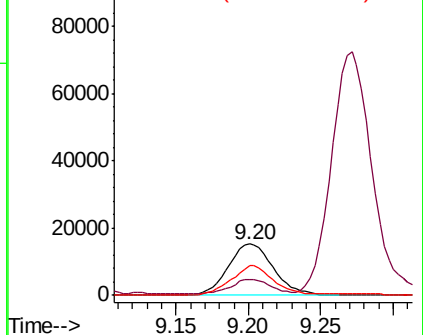
#49
1,4-Dioxane
Concen: 380.877 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

Tgt Ion: 88 Resp: 33184
Ion Ratio Lower Upper
88 100
43 25.3 19.7 29.5
58 53.5 42.6 64.0

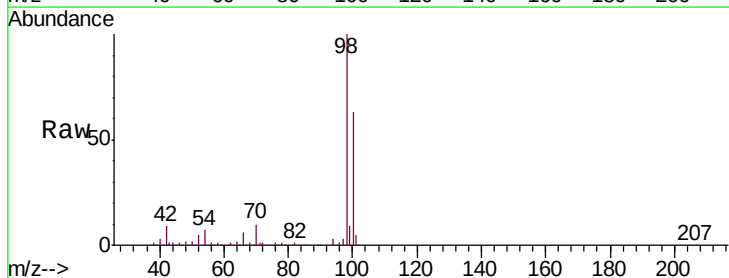


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

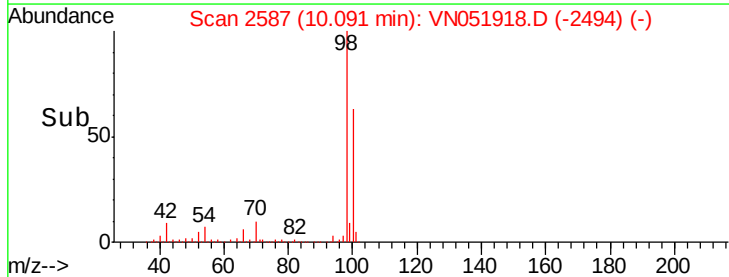
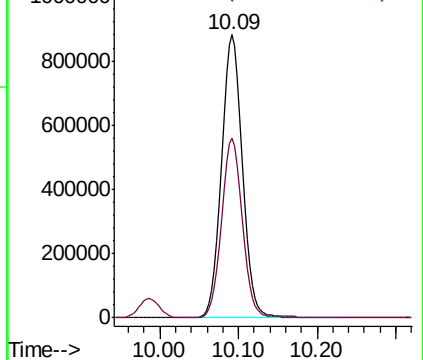


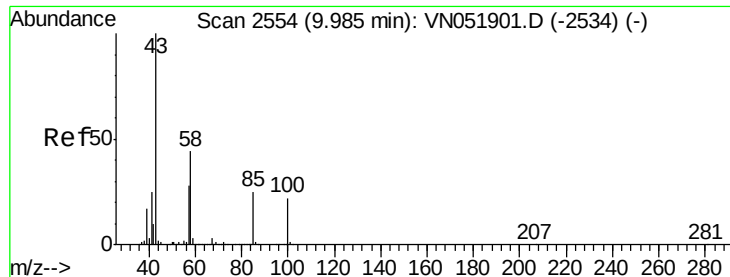
#50
Toluene-d8
Concen: 380.877 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 98 Resp: 1614624
Ion Ratio Lower Upper
98 100
100 62.6 51.0 76.4



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





#51

4-Methyl-2-Pentanone

Concen: 101.155 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

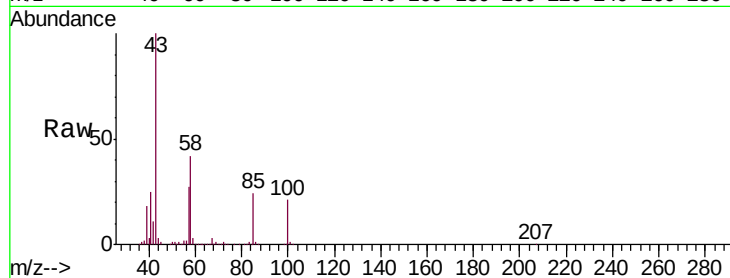
VN1018WBSD02

Tgt Ion: 43 Resp: 535080

Ion Ratio Lower Upper

43 100

58 42.4 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN051901.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN051901.D (-2534) (-)

9.99

300000

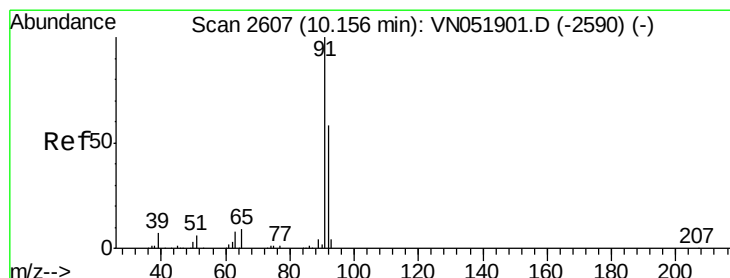
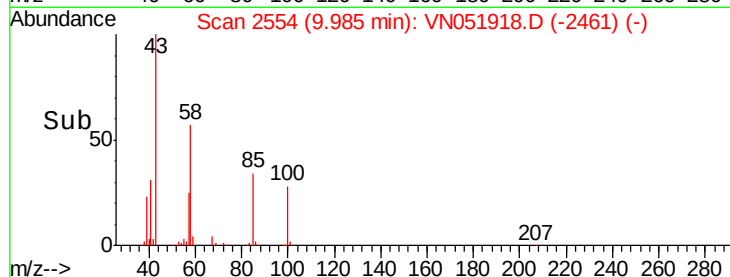
200000

100000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 20.618 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051918.D

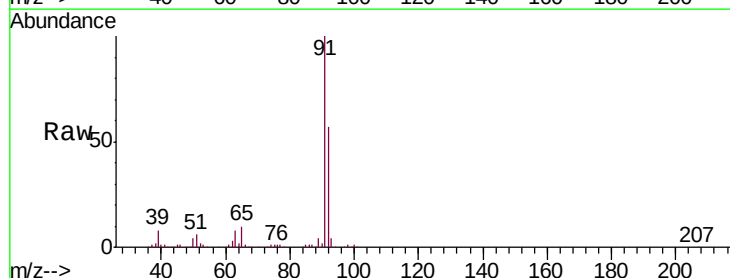
Acq: 18 Oct 2018 16:01

Tgt Ion: 92 Resp: 457839

Ion Ratio Lower Upper

92 100

91 174.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN051901.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051901.D (-2590) (-)

500000

400000

300000

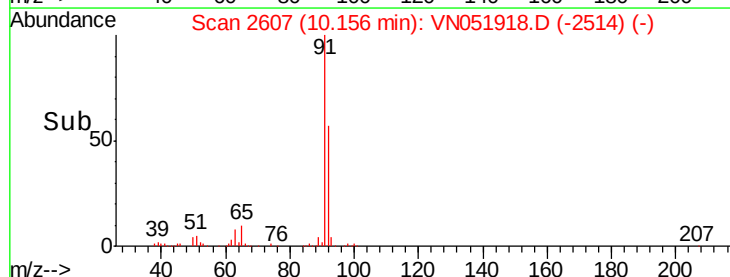
200000

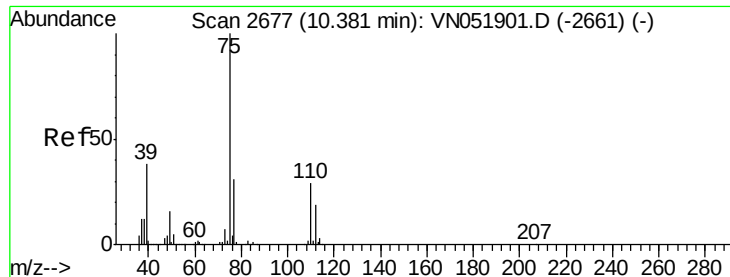
100000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.365 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

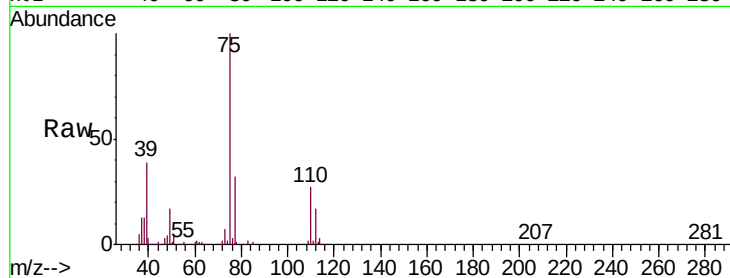
VN1018WBSD02

Tgt Ion: 75 Resp: 215189

Ion Ratio Lower Upper

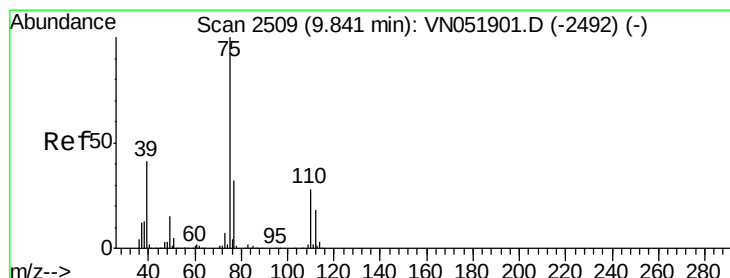
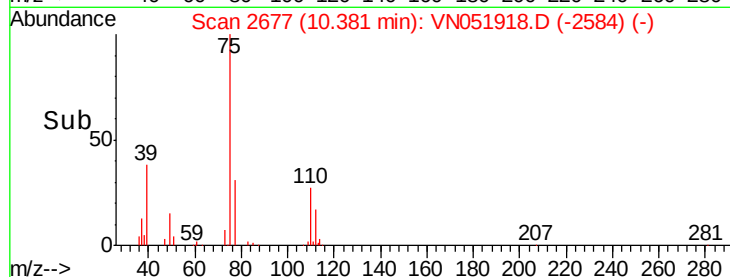
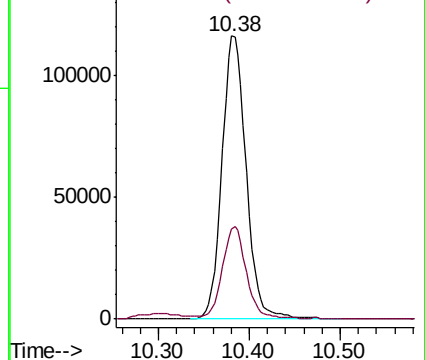
75 100

77 31.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.938 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

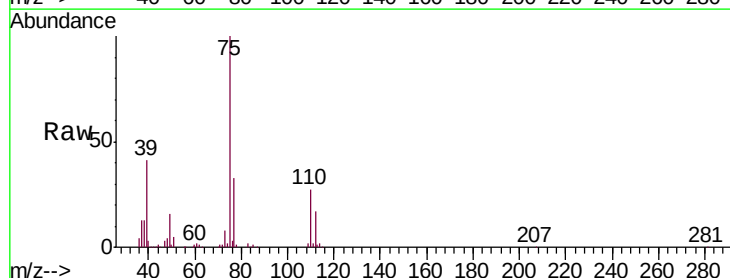
Tgt Ion: 75 Resp: 247052

Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

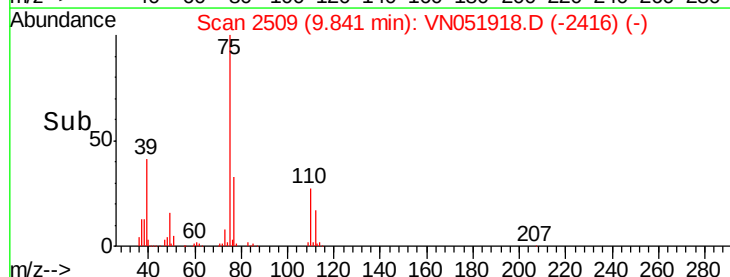
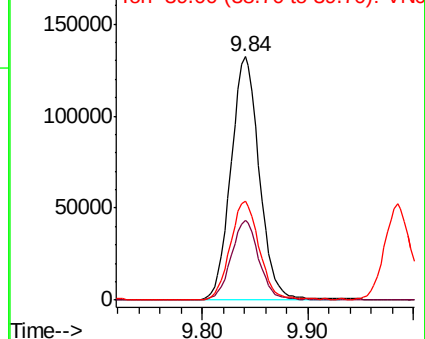
39 40.5 32.8 49.2

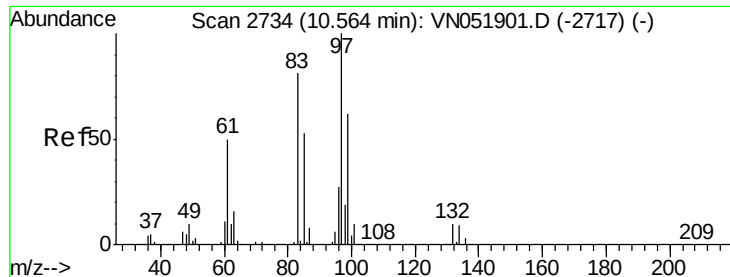


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.533 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

Tgt Ion: 97 Resp: 167063

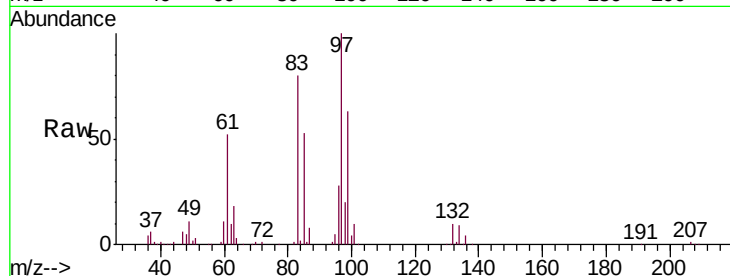
Ion Ratio Lower Upper

97 100

83 80.0 64.6 96.8

85 53.2 42.3 63.5

99 62.8 49.7 74.5

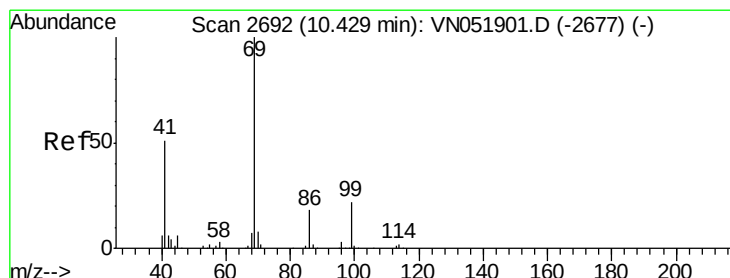
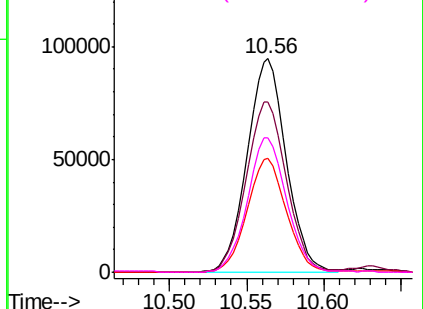
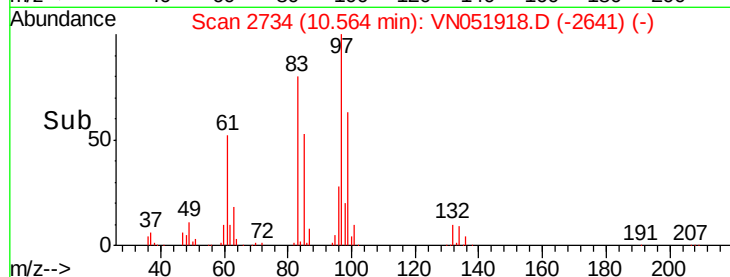


Abundance Ion 96.90 (96.60 to 97.60): VN051918.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN051918.D (-2641) (-)

Ion 84.90 (84.60 to 85.60): VN051918.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN051918.D (-2641) (-)



#56

Ethyl methacrylate

Concen: 19.728 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

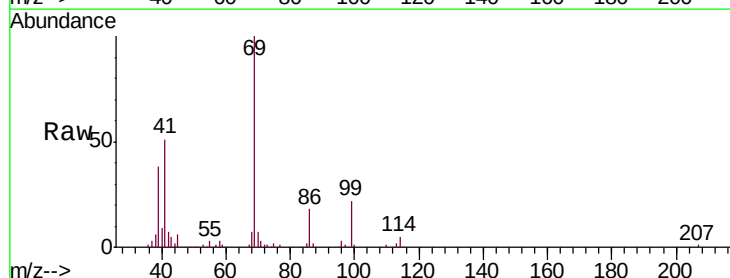
Tgt Ion: 69 Resp: 179452

Ion Ratio Lower Upper

69 100

41 50.6 40.6 61.0

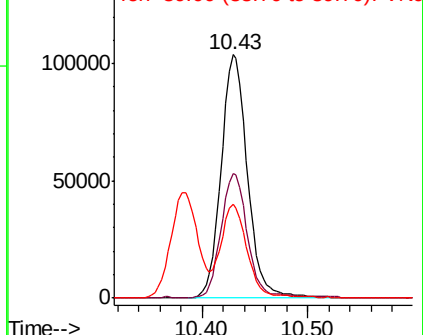
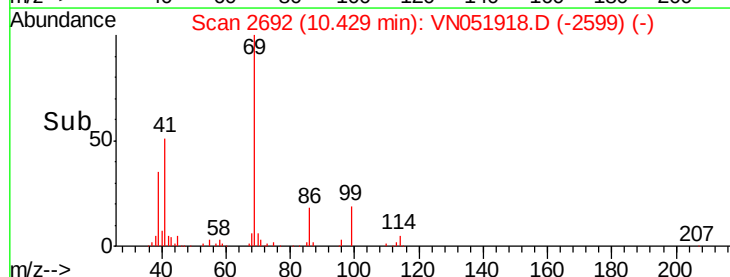
39 38.5 29.4 44.0

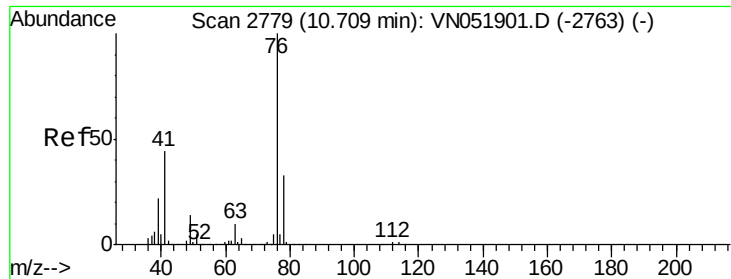


Abundance Ion 69.00 (68.70 to 69.70): VN051918.D (-2599) (-)

Ion 41.00 (40.70 to 41.70): VN051918.D (-2599) (-)

Ion 39.00 (38.70 to 39.70): VN051918.D (-2599) (-)





#57

1,3-Dichloropropane

Concen: 20.558 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

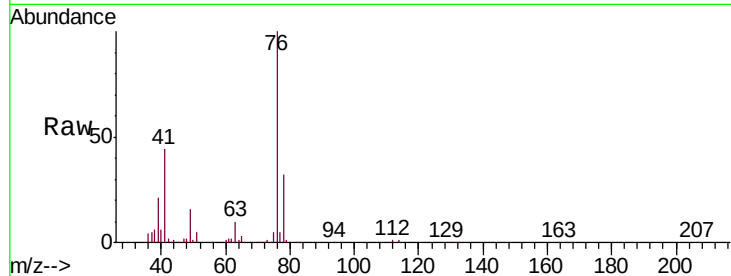
VN1018WBSD02

Tgt Ion: 76 Resp: 254686

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

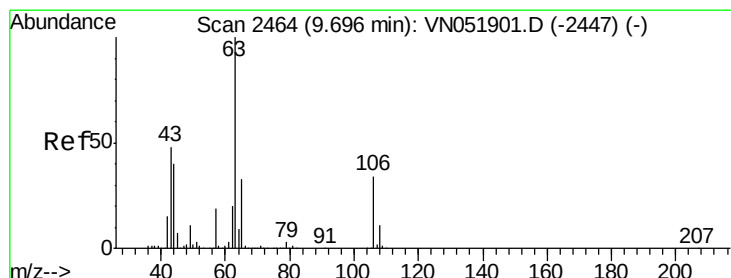
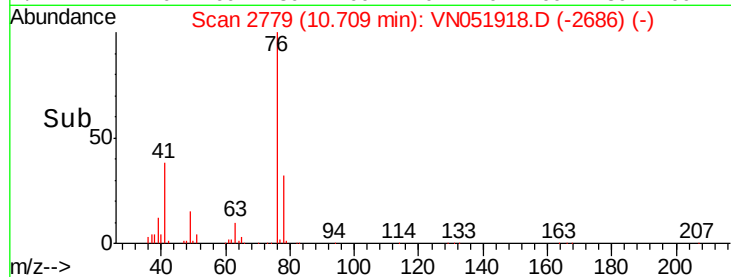
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 88.593 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051918.D

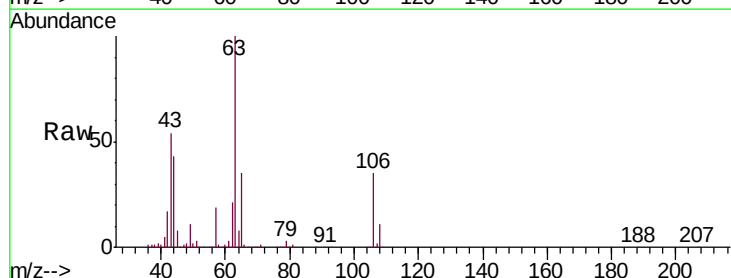
Acq: 18 Oct 2018 16:01

Tgt Ion: 63 Resp: 363451

Ion Ratio Lower Upper

63 100

106 35.5 27.5 41.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

200000

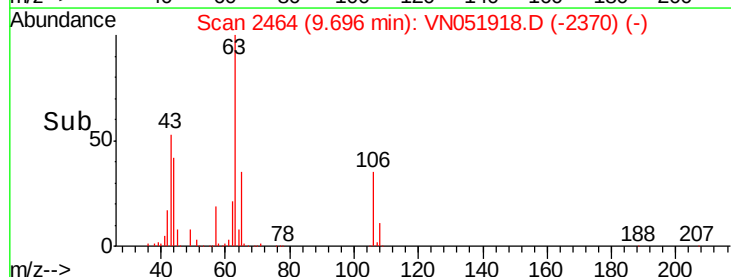
150000

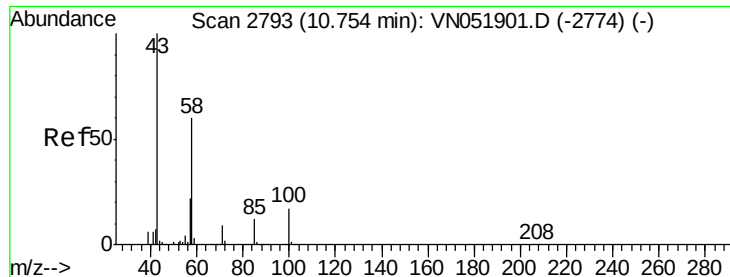
100000

50000

0

Time--> 9.60 9.70 9.80

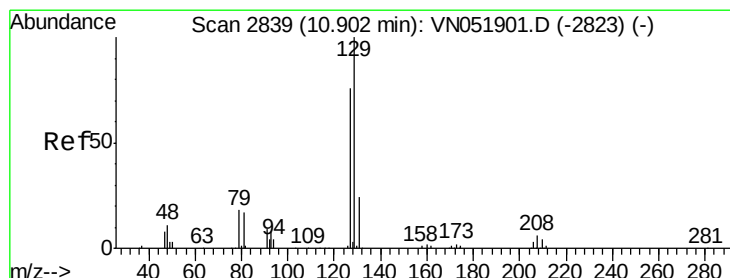
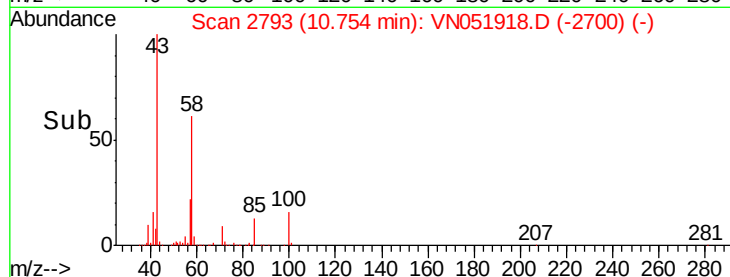
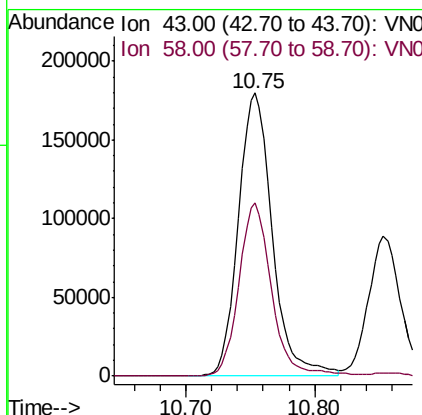
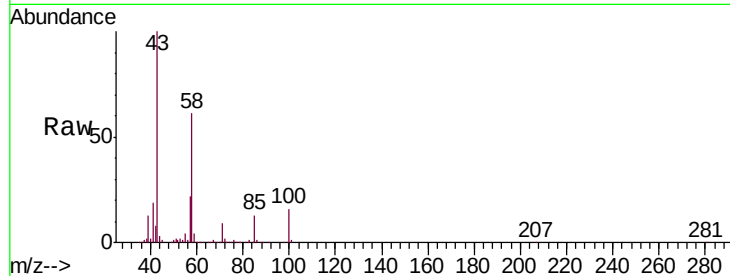




#59
2-Hexanone
Concen: 92.373 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

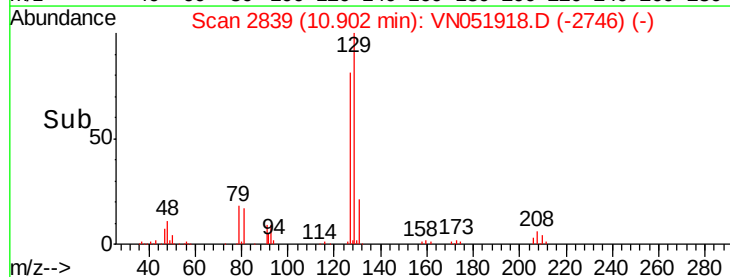
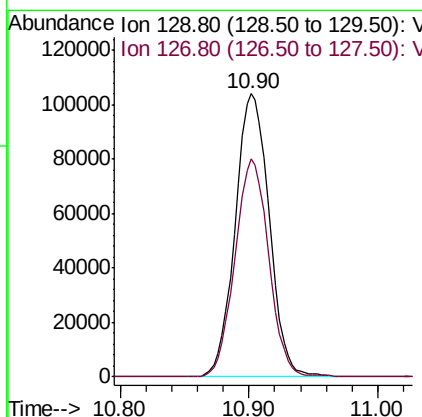
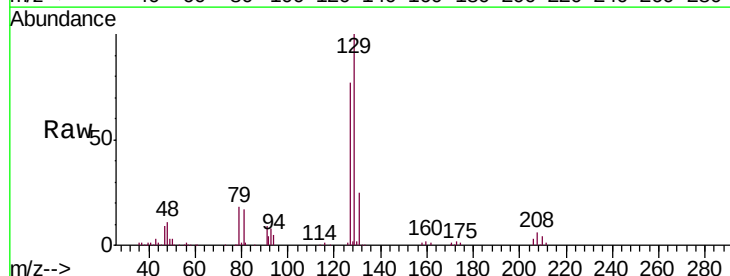
Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

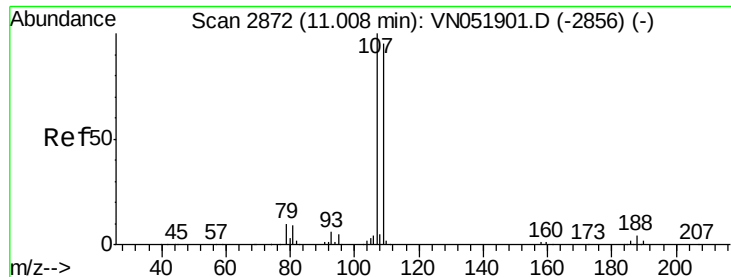
Tgt Ion: 43 Resp: 327636
Ion Ratio Lower Upper
43 100
58 59.3 29.8 89.5



#60
Dibromochloromethane
Concen: 18.863 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 129 Resp: 191194
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.8

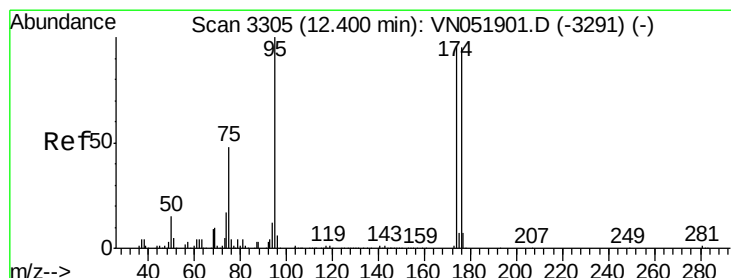
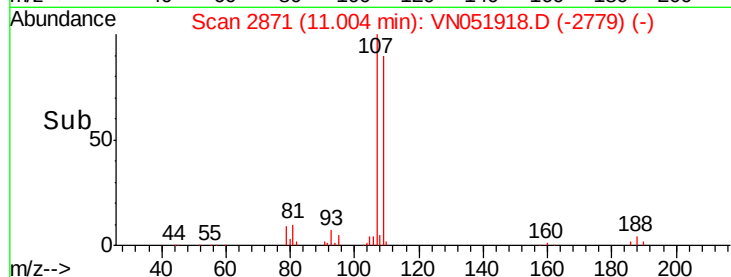
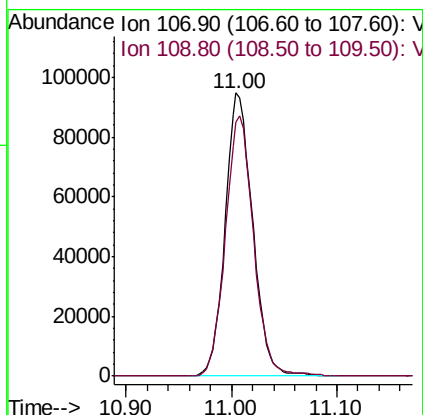
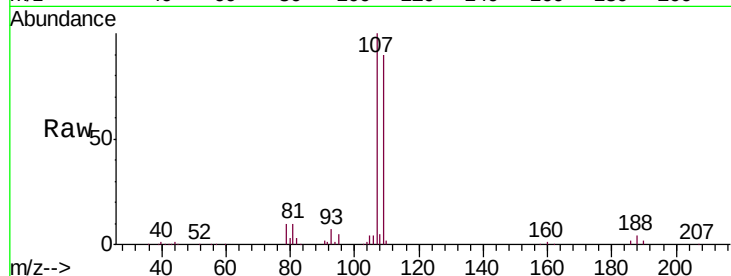




#61
 1,2-Dibromoethane
 Concen: 20.027 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

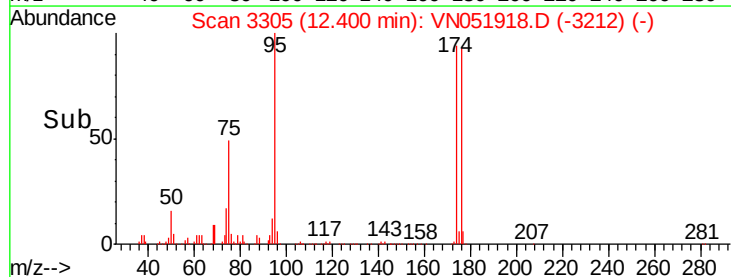
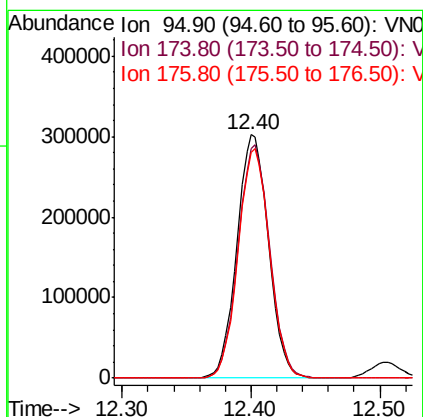
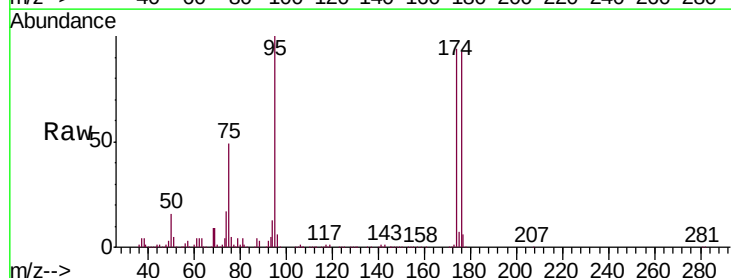
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

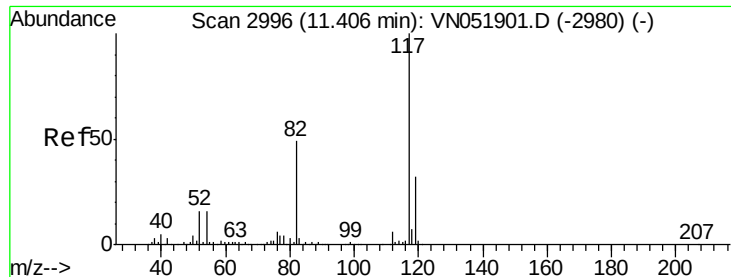
Tgt Ion: 107 Resp: 170917
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 20.027 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Tgt Ion: 95 Resp: 513001
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 195.0
 176 94.2 0.0 191.4

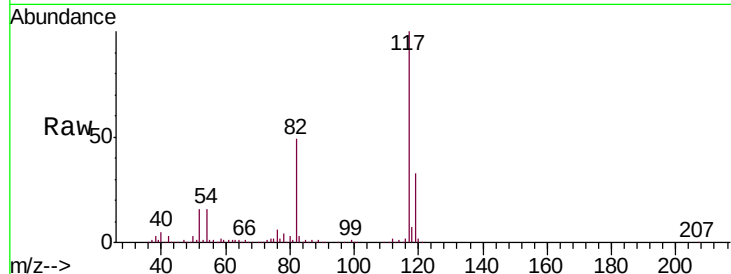




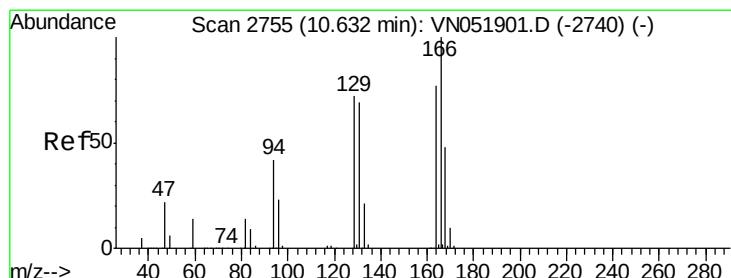
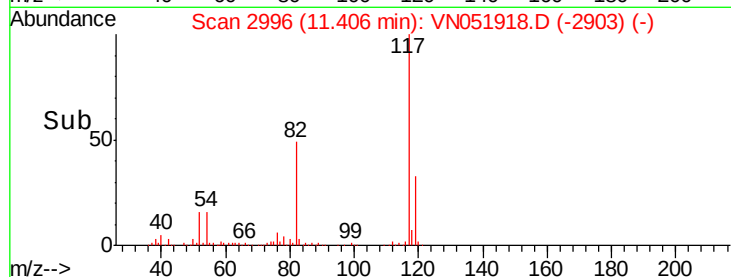
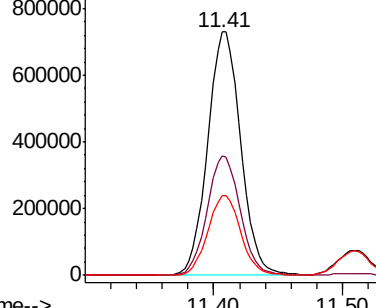
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

Tgt Ion:117 Resp: 1301713
Ion Ratio Lower Upper
117 100
82 49.1 38.9 58.3
119 32.6 25.9 38.9

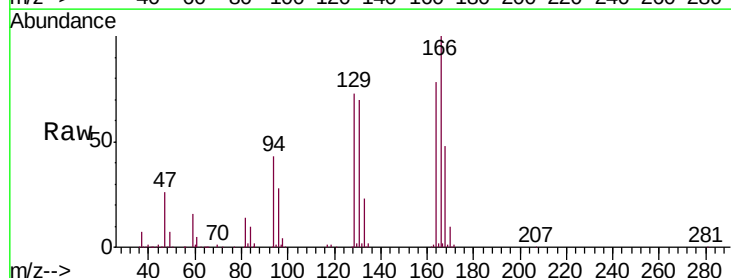


Abundance Ion 116.90 (116.60 to 117.60): V
1000000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

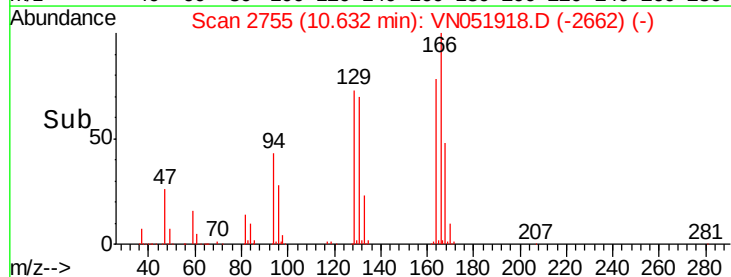
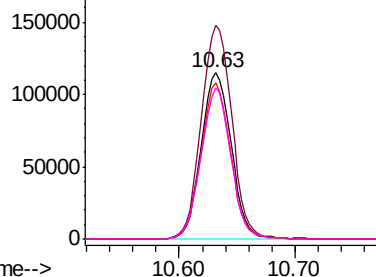


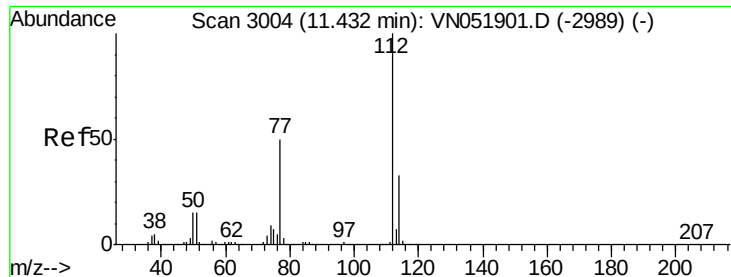
#64
Tetrachloroethene
Concen: 19.817 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion:164 Resp: 207061
Ion Ratio Lower Upper
164 100
166 128.7 103.4 155.0
129 93.8 73.9 110.9
131 90.7 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
200000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.063 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

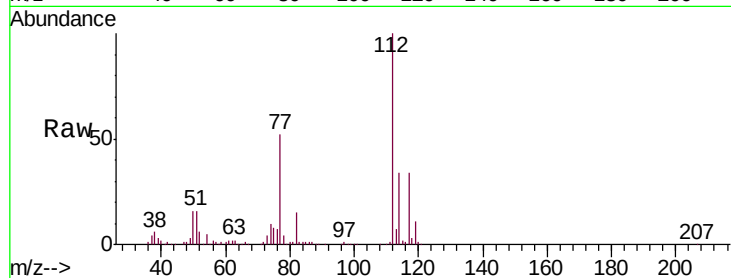
VN1018WBSD02

Tgt Ion:112 Resp: 522139

Ion Ratio Lower Upper

112 100

114 33.8 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

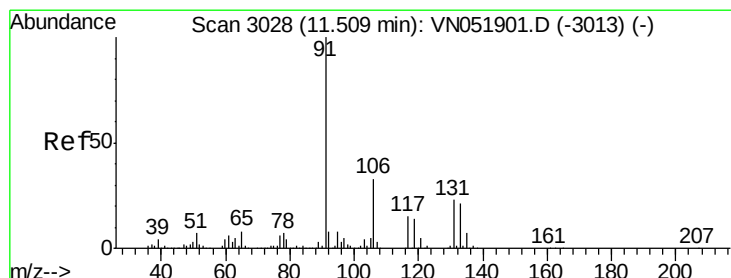
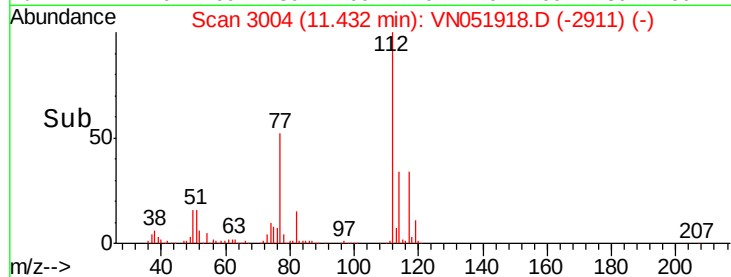
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.060 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

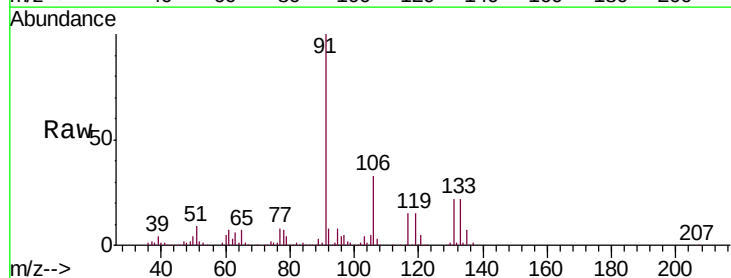
Tgt Ion:131 Resp: 194323

Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.6

119 66.3 32.1 96.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

300000

250000

200000

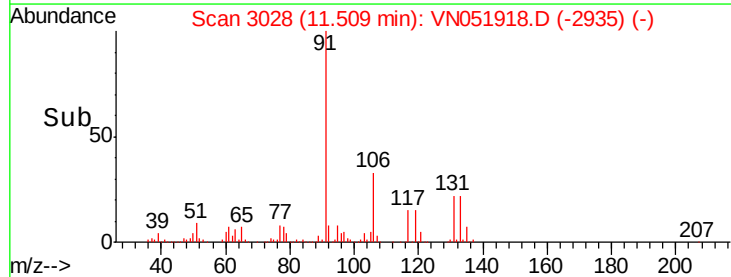
150000

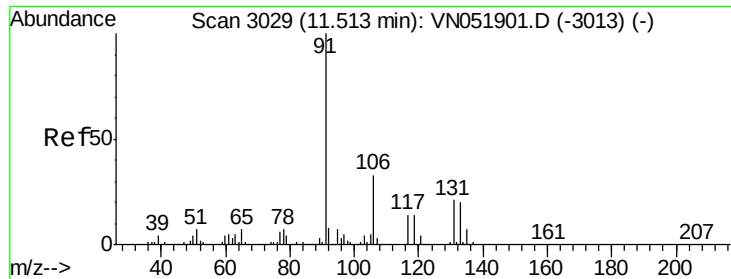
100000

50000

0

Time-->

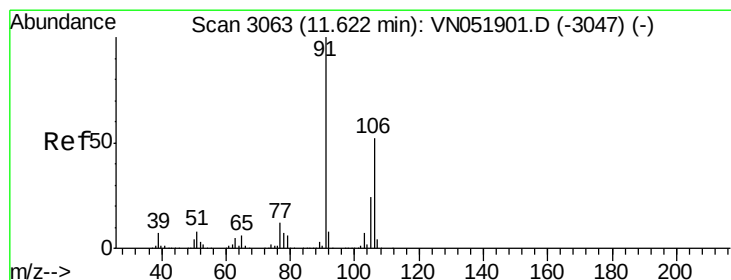
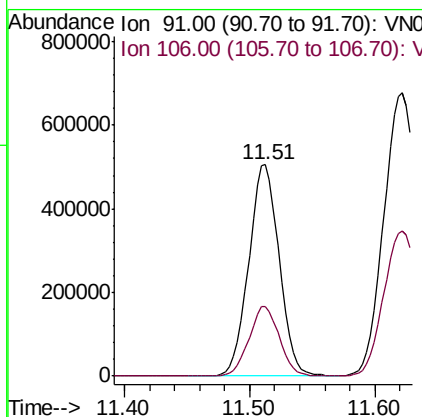
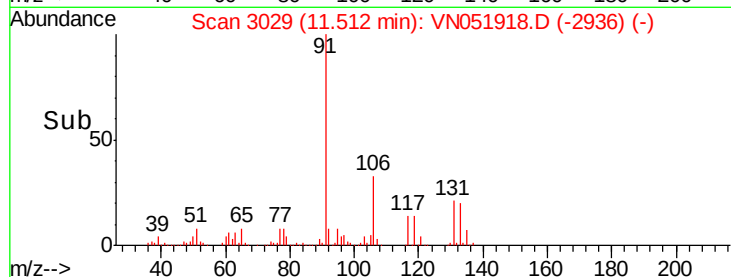
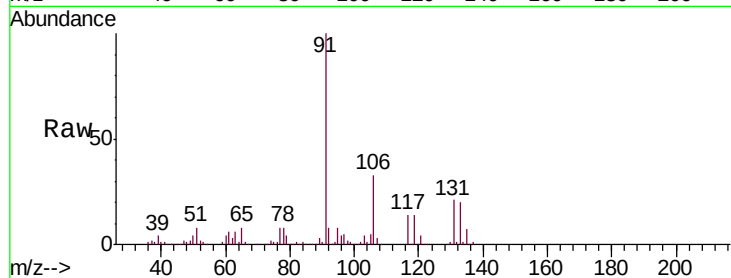




#67
Ethyl Benzene
Concen: 20.070 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

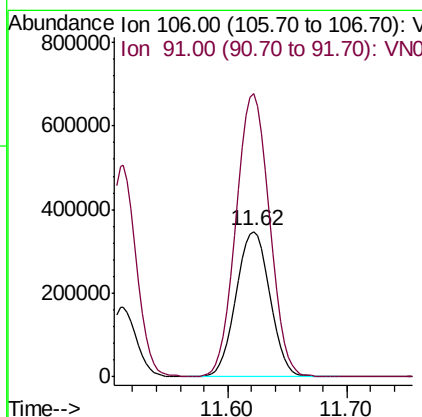
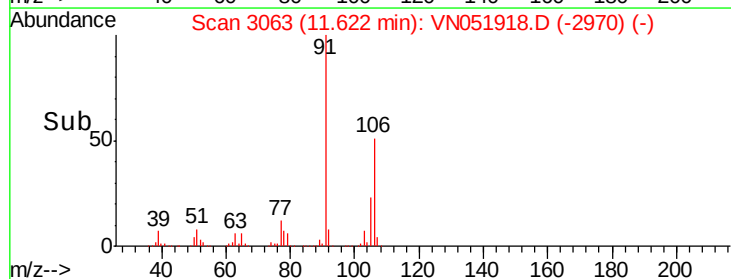
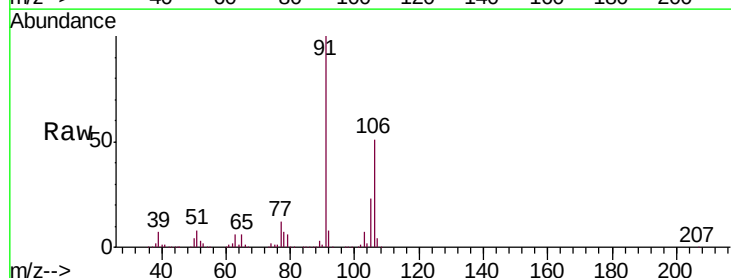
Instrument :
MSVOA_N
ClientSampled :
VN1018WBSD02

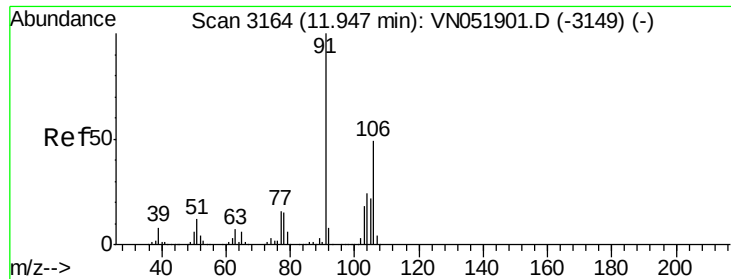
Tgt Ion: 91 Resp: 855668
Ion Ratio Lower Upper
91 100
106 33.1 26.6 39.8



#68
m/p-Xylenes
Concen: 39.991 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 106 Resp: 684604
Ion Ratio Lower Upper
106 100
91 193.0 153.6 230.4

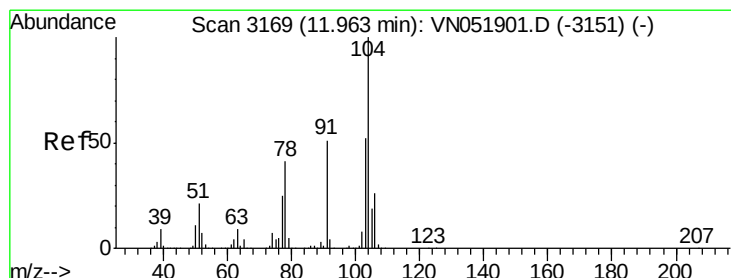
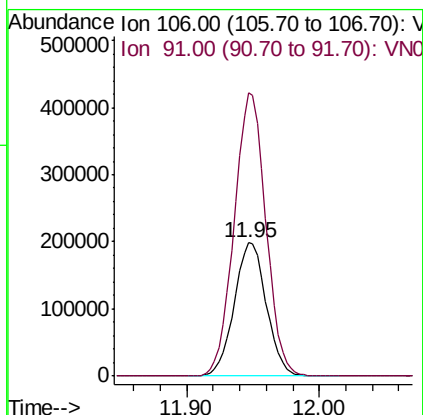
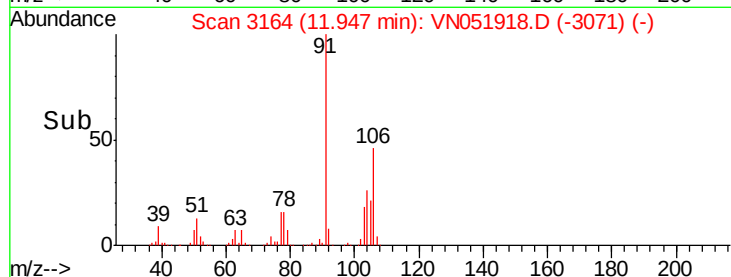
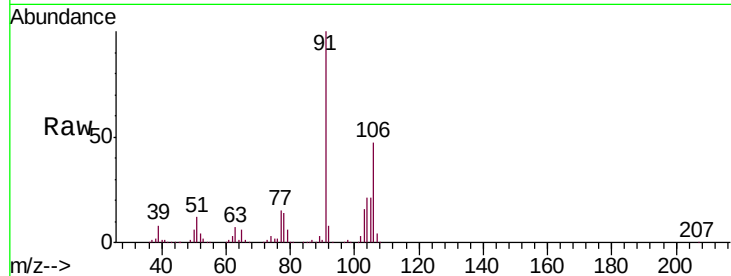




#69
o-Xylene
Concen: 20.056 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

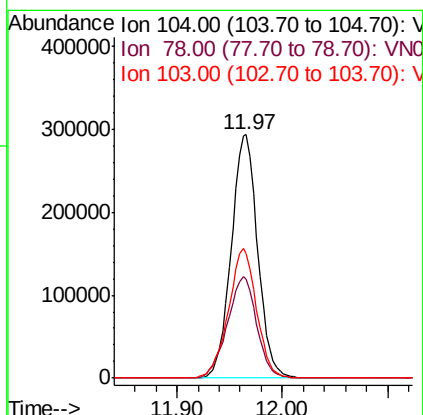
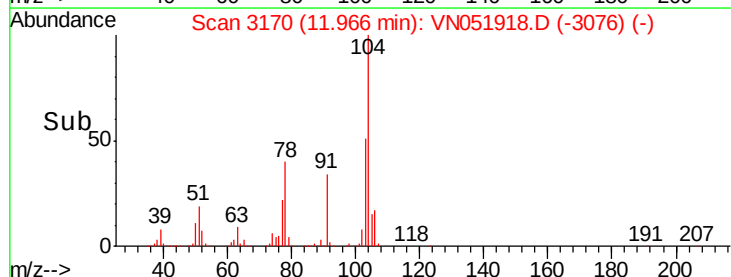
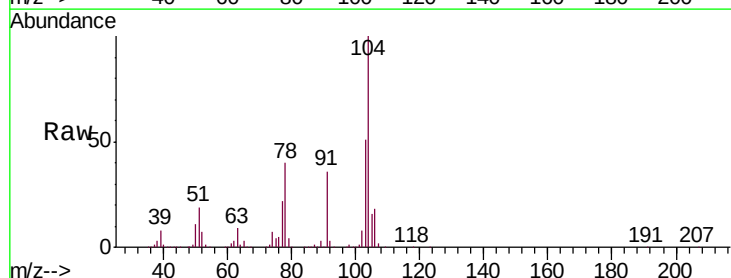
Instrument :
MSVOA_N
ClientSampleId :
VN1018WBSD02

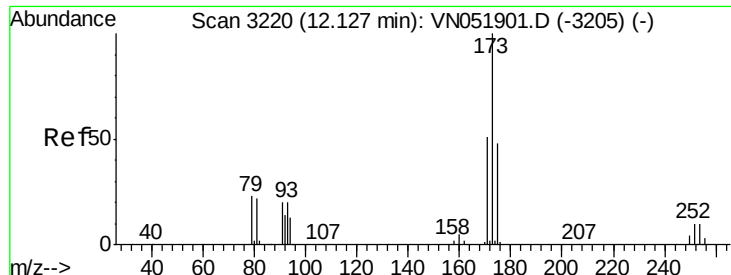
Tgt Ion:106 Resp: 334594
Ion Ratio Lower Upper
106 100
91 208.8 100.7 302.1



#70
Styrene
Concen: 19.774 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051918.D
Acq: 18 Oct 2018 16:01

Tgt Ion:104 Resp: 507459
Ion Ratio Lower Upper
104 100
78 46.2 36.6 55.0
103 56.7 44.6 67.0





#71

Bromoform

Concen: 17.947 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

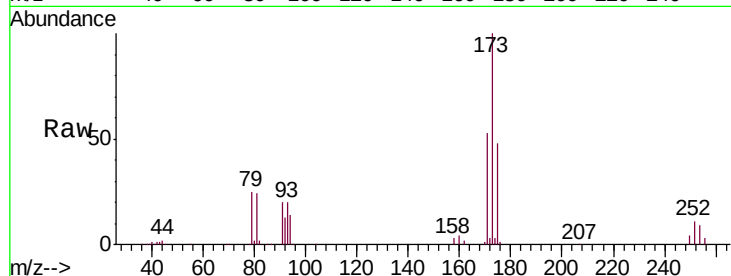
Tgt Ion:173 Resp: 114641

Ion Ratio Lower Upper

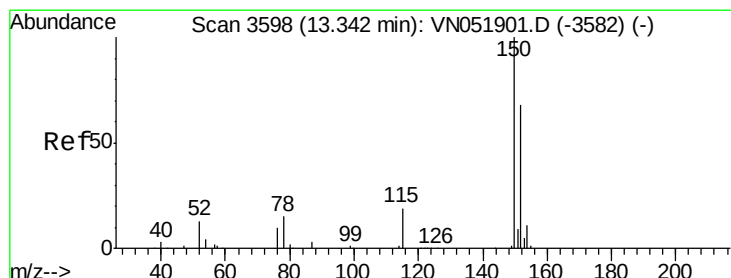
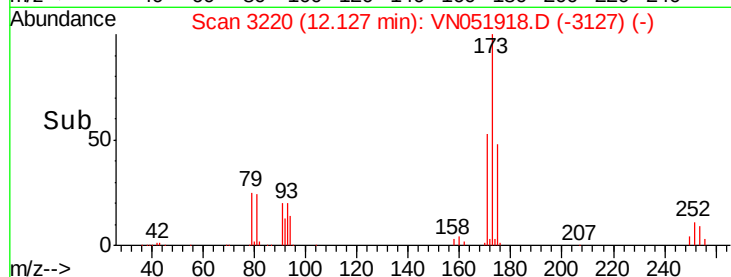
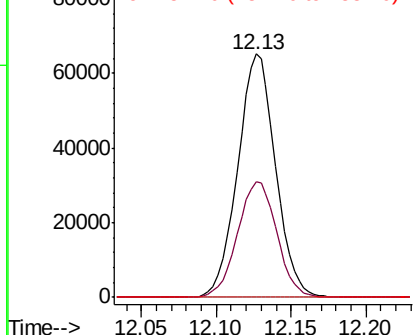
173 100

175 49.2 24.0 72.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

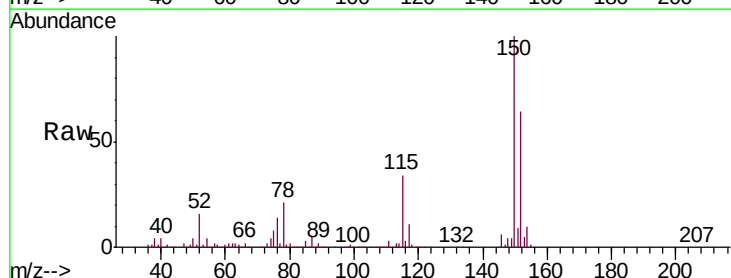
Tgt Ion:152 Resp: 567346

Ion Ratio Lower Upper

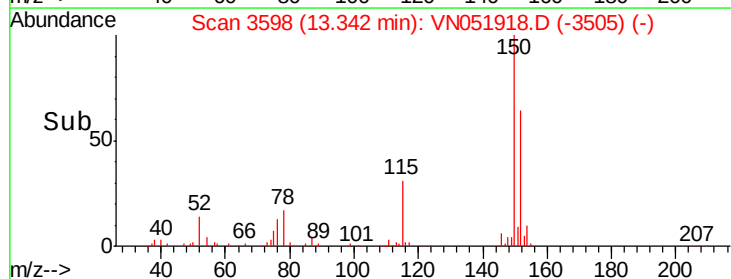
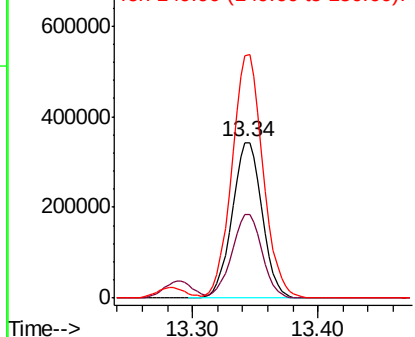
152 100

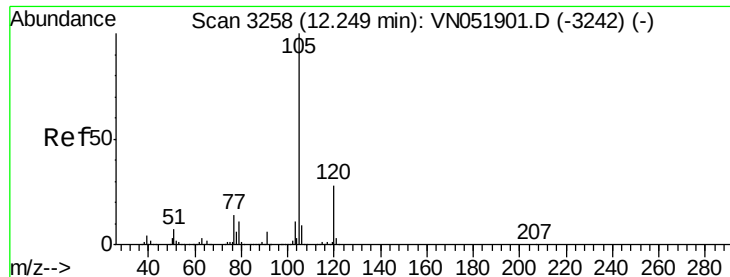
115 54.4 26.7 80.1

150 161.9 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.614 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

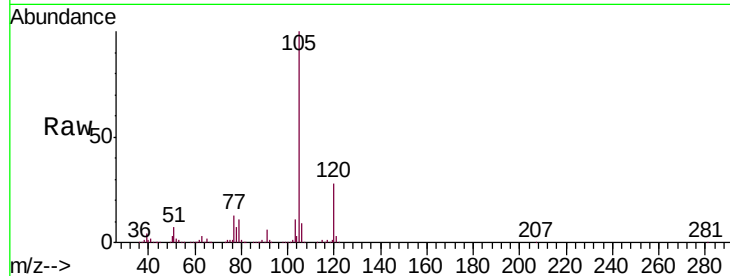
VN1018WBSD02

Tgt Ion: 105 Resp: 905389

Ion Ratio Lower Upper

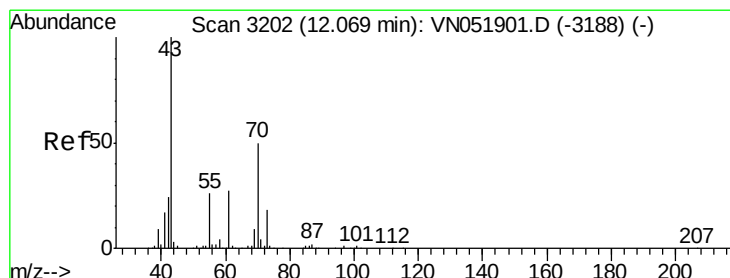
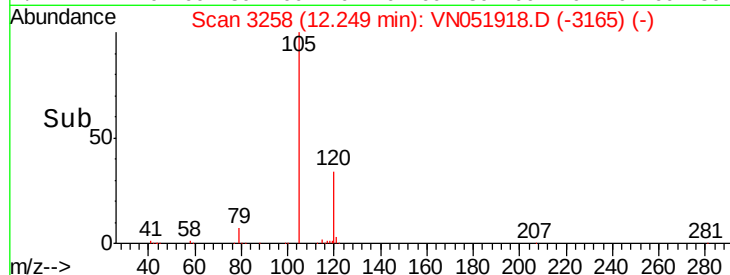
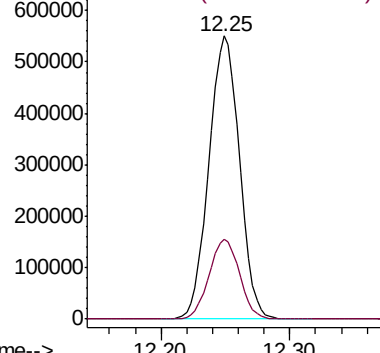
105 100

120 28.1 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.077 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Tgt Ion: 43 Resp: 144059

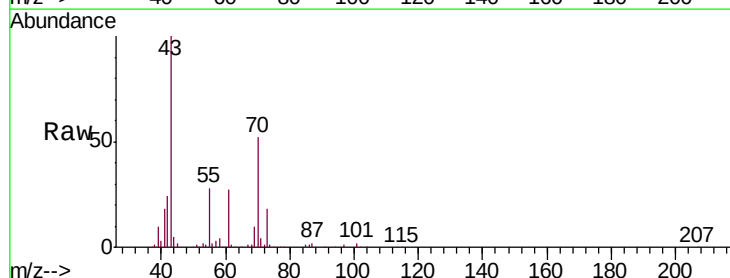
Ion Ratio Lower Upper

43 100

70 52.6 40.1 60.1

55 26.6 21.0 31.4

61 27.3 21.4 32.0

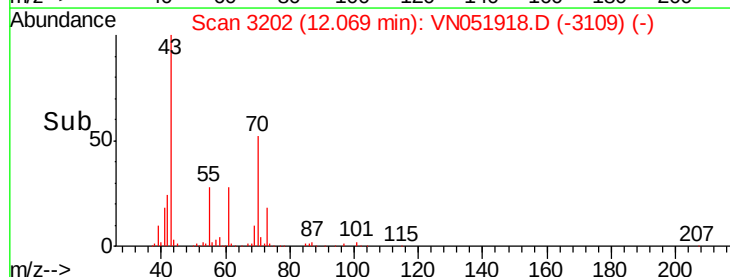
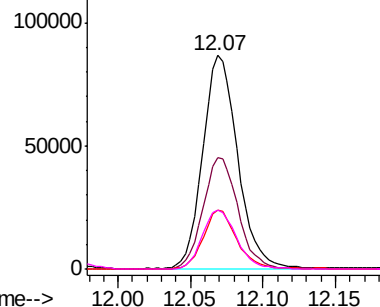


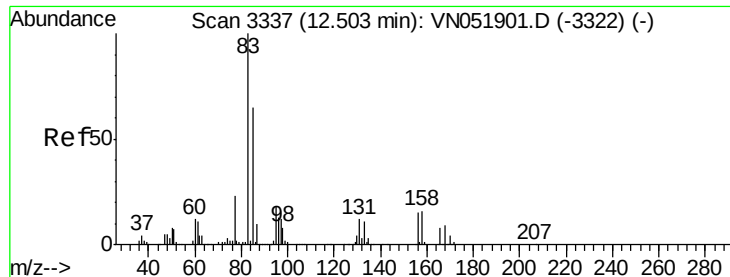
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.558 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

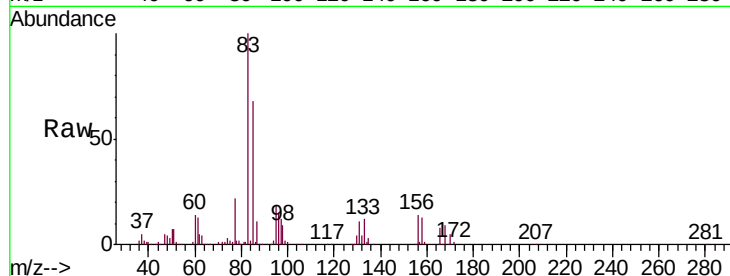
Tgt Ion: 83 Resp: 182475

Ion Ratio Lower Upper

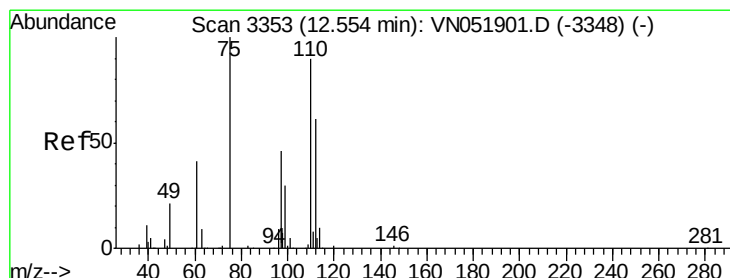
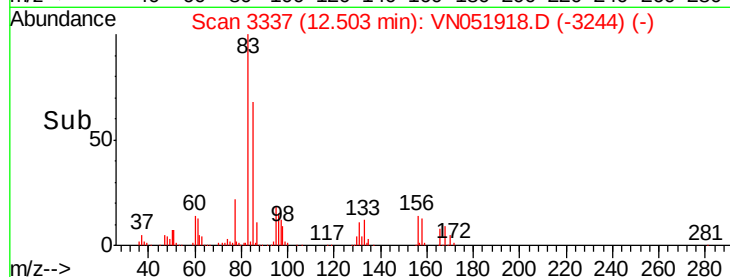
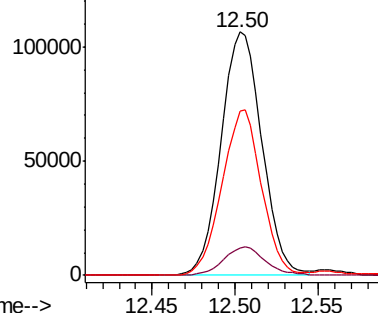
83 100

131 11.9 6.2 18.6

85 65.7 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 30.205 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051918.D

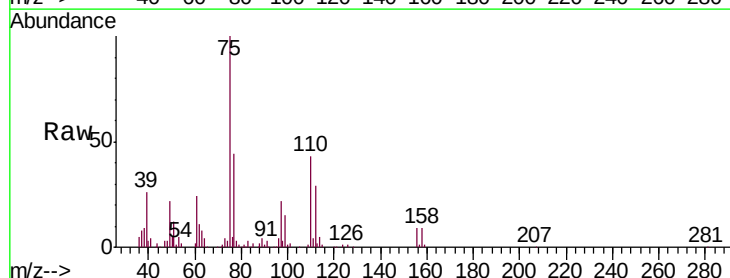
Acq: 18 Oct 2018 16:01

Tgt Ion: 75 Resp: 208289

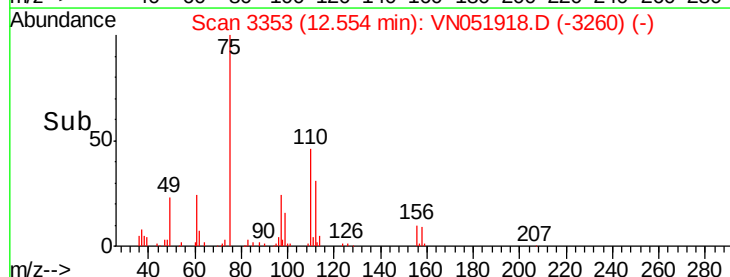
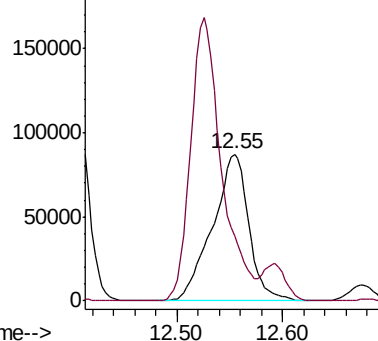
Ion Ratio Lower Upper

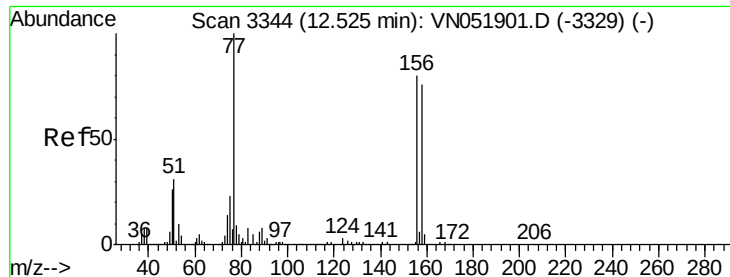
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 20.114 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

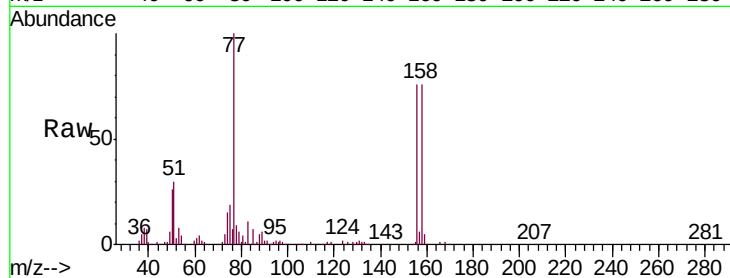
Tgt Ion:156 Resp: 224794

Ion Ratio Lower Upper

156 100

77 151.8 73.0 219.0

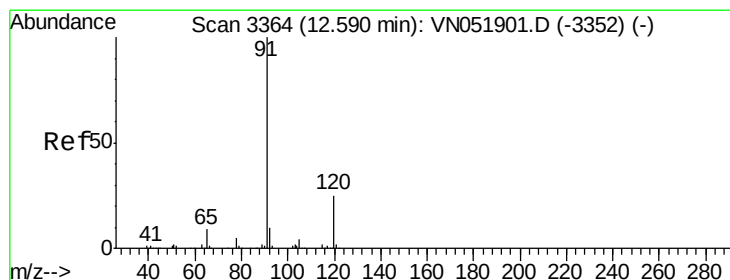
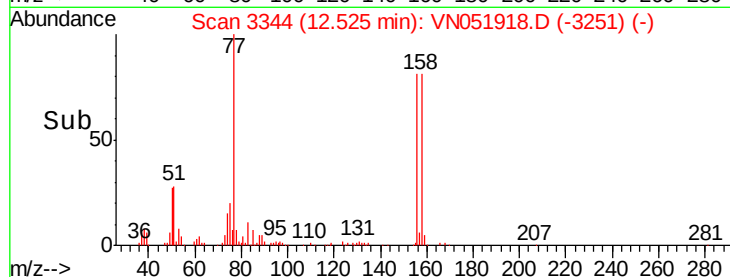
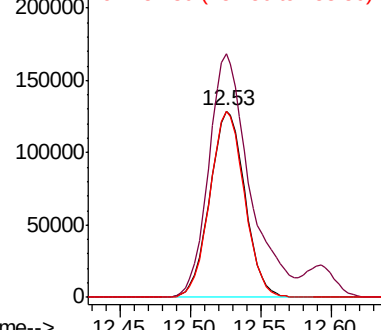
158 98.3 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.473 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051918.D

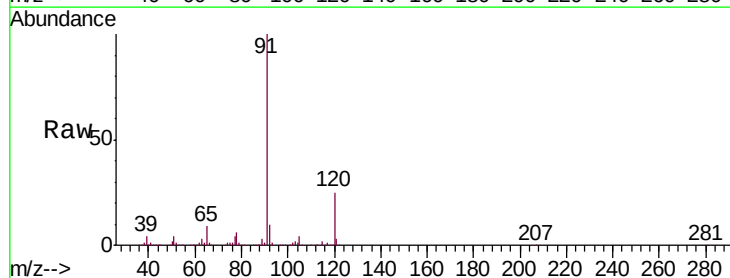
Acq: 18 Oct 2018 16:01

Tgt Ion: 91 Resp: 936037

Ion Ratio Lower Upper

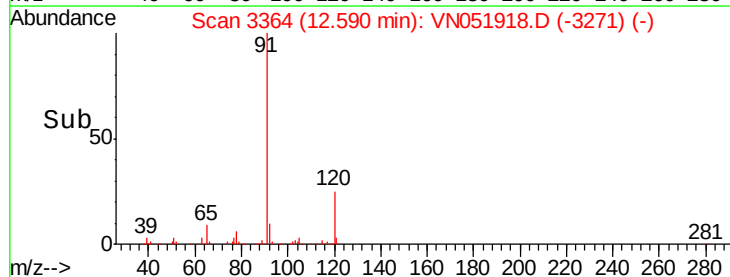
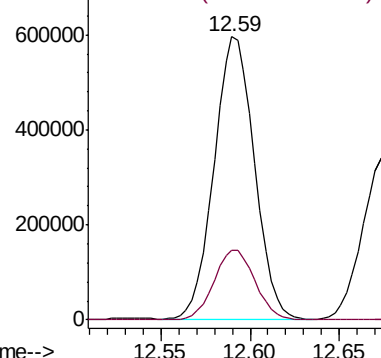
91 100

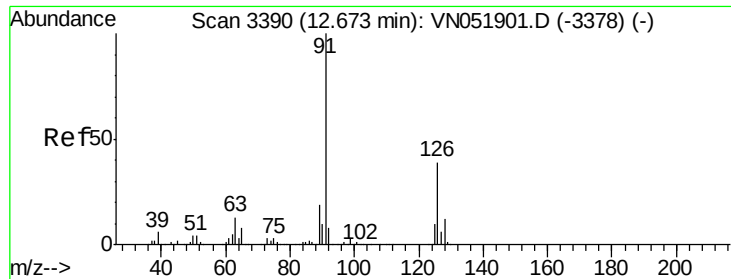
120 25.2 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.922 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

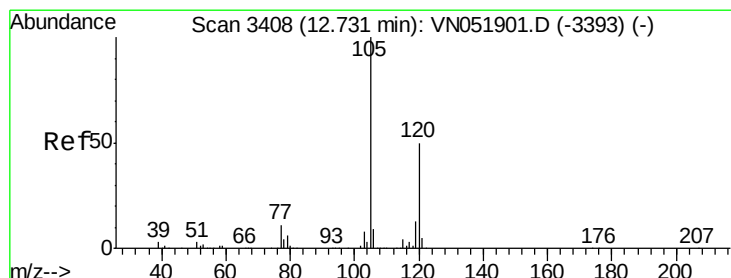
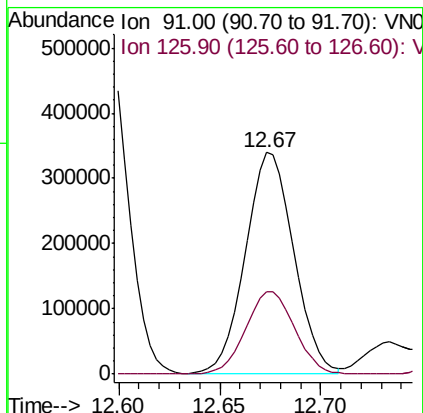
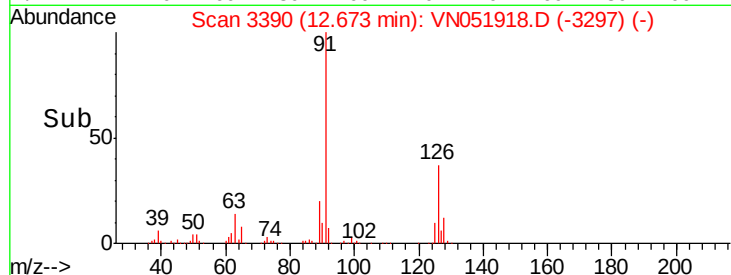
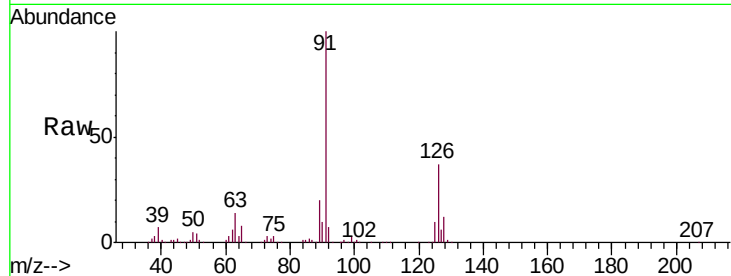
VN1018WBSD02

Tgt Ion: 91 Resp: 567544

Ion Ratio Lower Upper

91 100

126 37.9 19.6 58.7



#80

1,3,5-Trimethylbenzene

Concen: 20.682 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051918.D

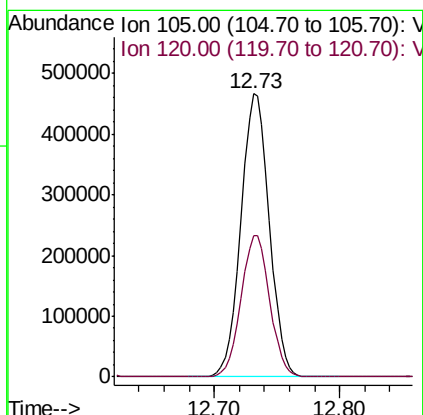
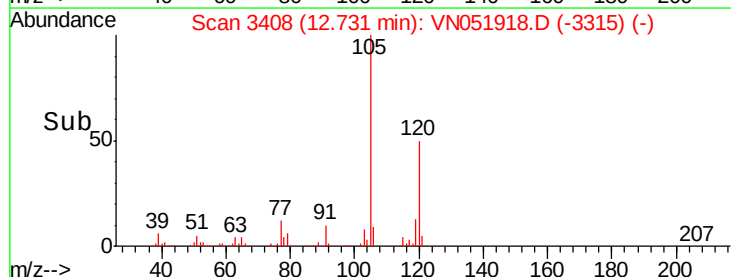
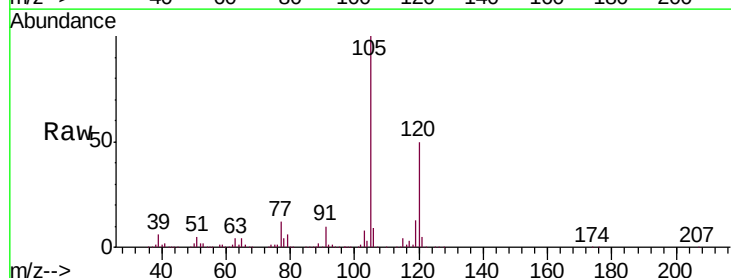
Acq: 18 Oct 2018 16:01

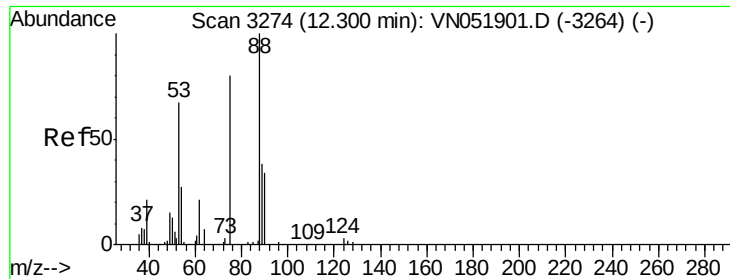
Tgt Ion: 105 Resp: 734207

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 17.175 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

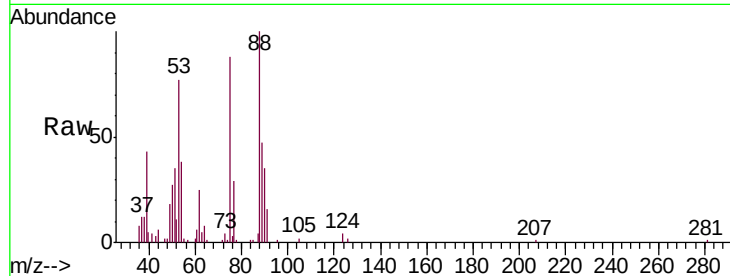
Tgt Ion: 75 Resp: 35710

Ion Ratio Lower Upper

75 100

53 94.2 68.5 102.7

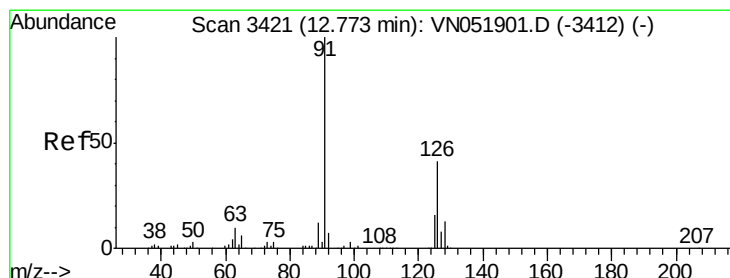
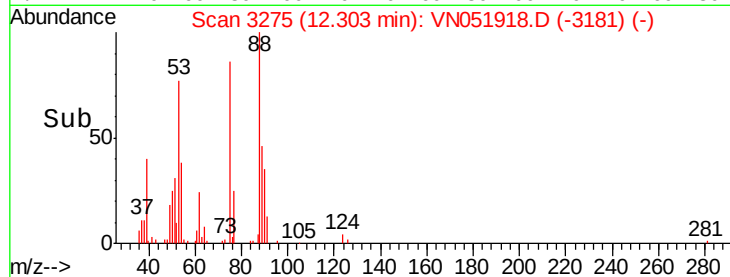
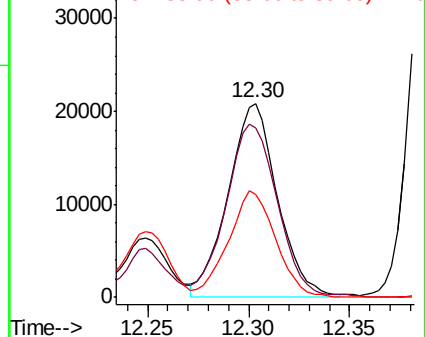
89 52.7 39.0 58.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.400 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051918.D

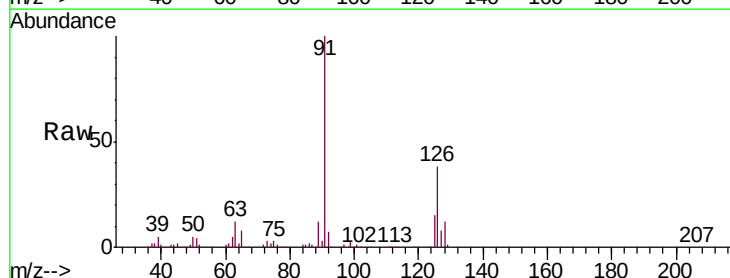
Acq: 18 Oct 2018 16:01

Tgt Ion: 91 Resp: 545038

Ion Ratio Lower Upper

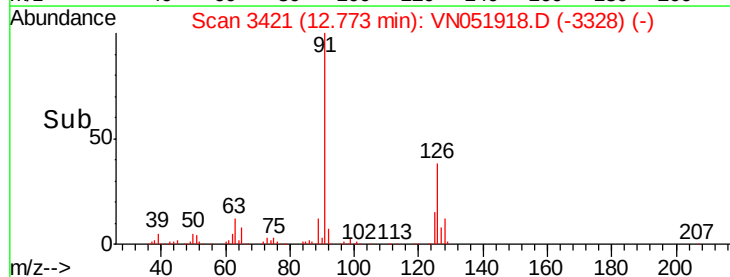
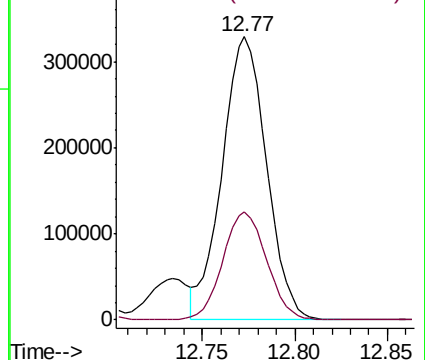
91 100

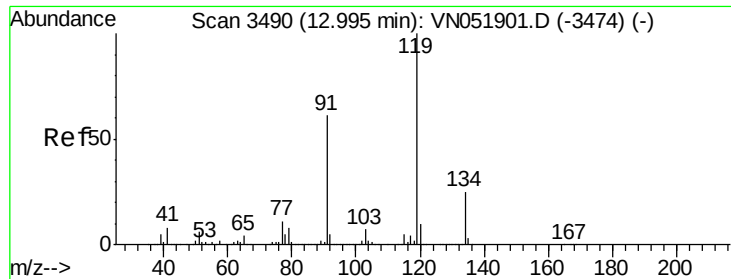
126 37.8 18.9 56.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

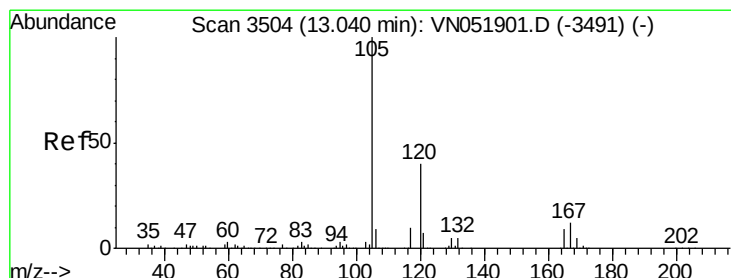
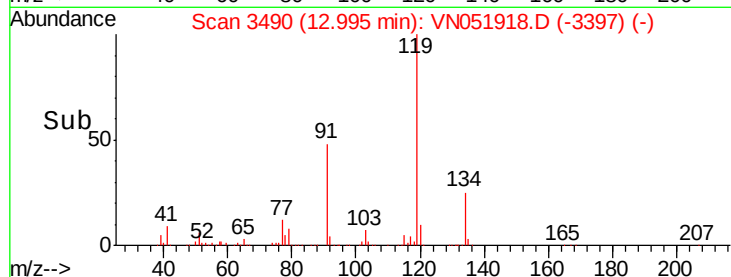
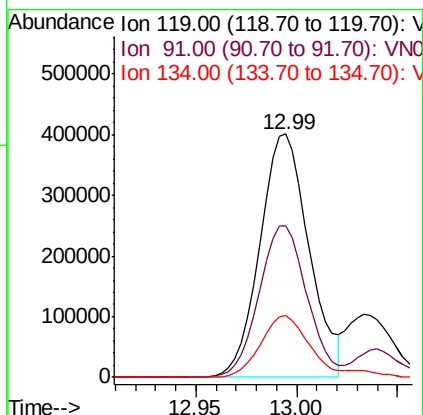
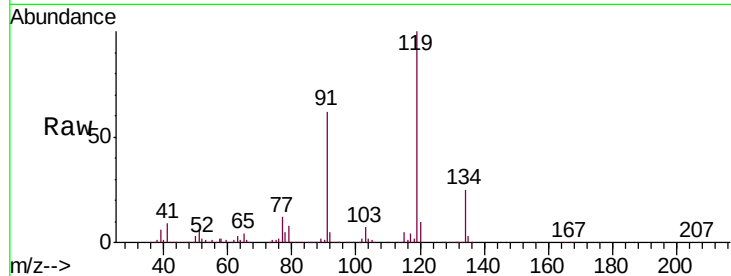




#83
 tert-Butylbenzene
 Concen: 20.393 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

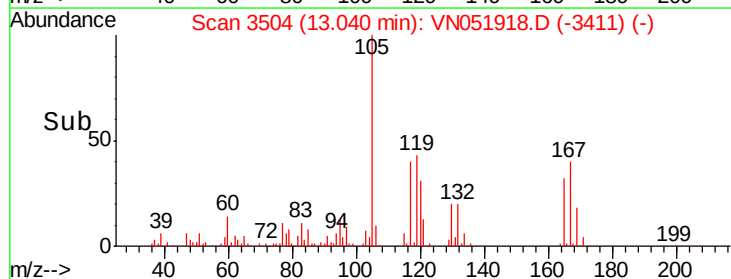
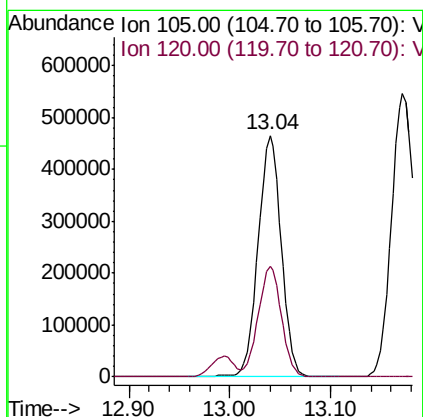
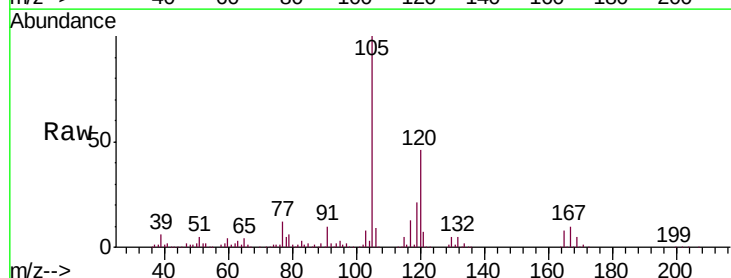
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

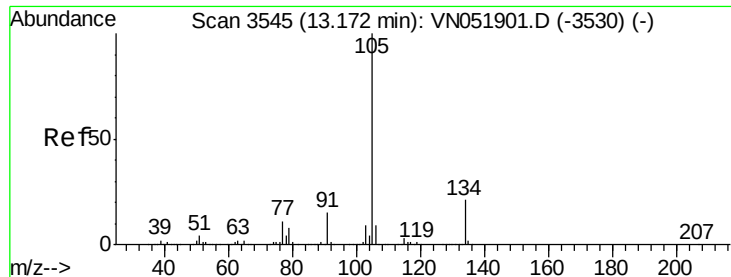
Tgt Ion:119 Resp: 680312
 Ion Ratio Lower Upper
 119 100
 91 60.6 30.3 90.9
 134 26.8 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.153 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Tgt Ion:105 Resp: 738337
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.8 71.4





#85

sec-Butylbenzene

Concen: 20.673 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

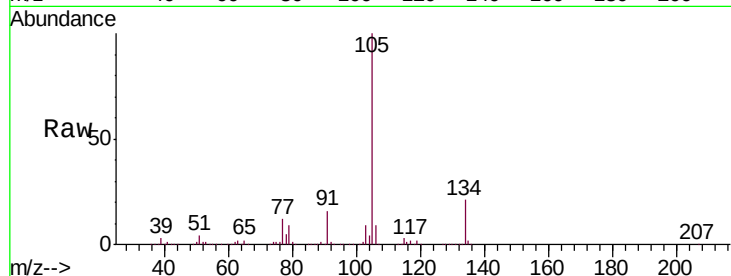
VN1018WBSD02

Tgt Ion:105 Resp: 876764

Ion Ratio Lower Upper

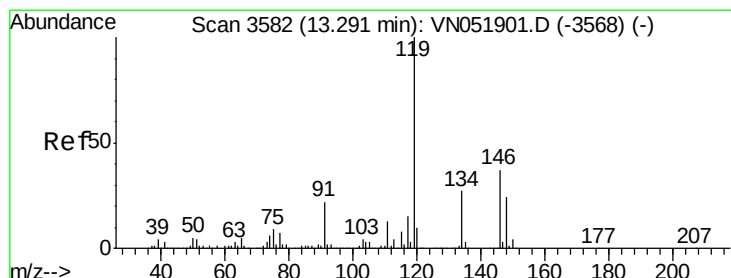
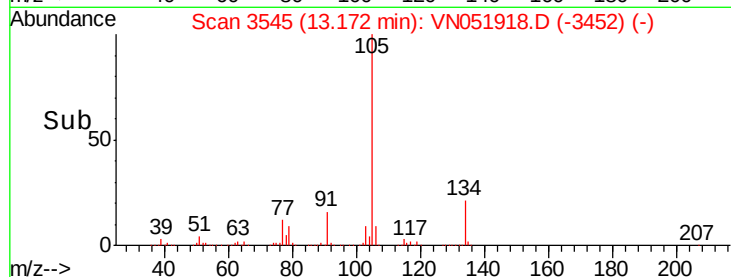
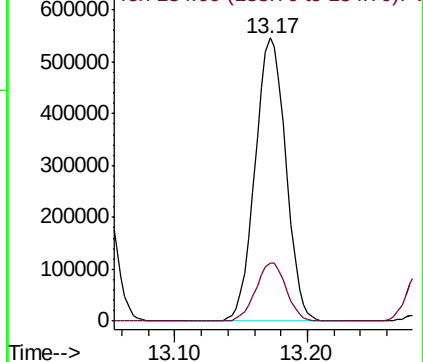
105 100

134 20.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.055 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

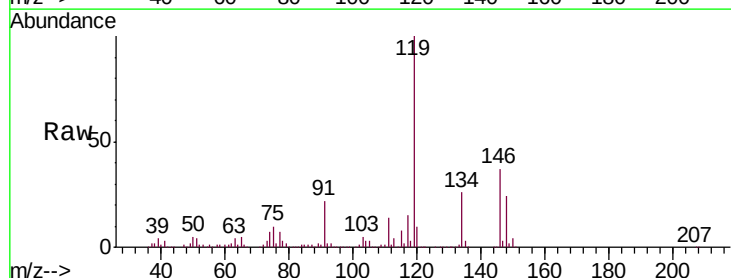
Tgt Ion:119 Resp: 773944

Ion Ratio Lower Upper

119 100

134 26.4 13.8 41.3

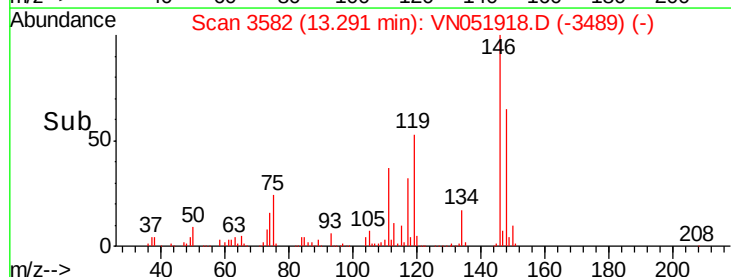
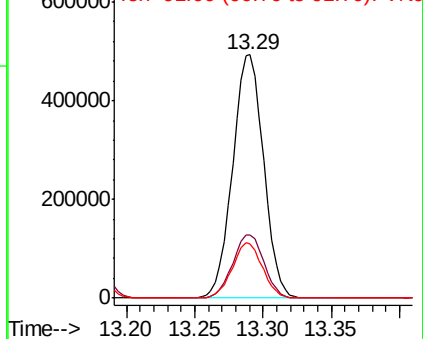
91 22.1 10.9 32.9

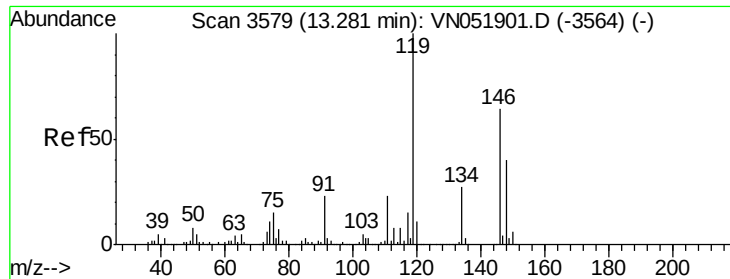


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

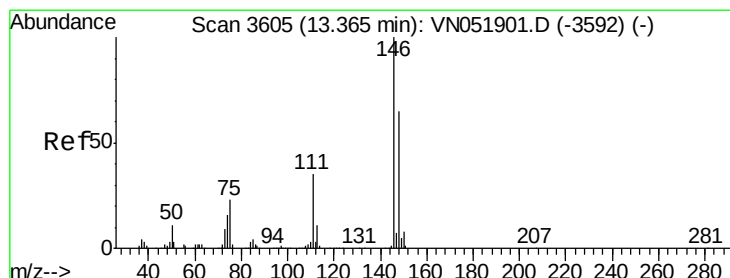
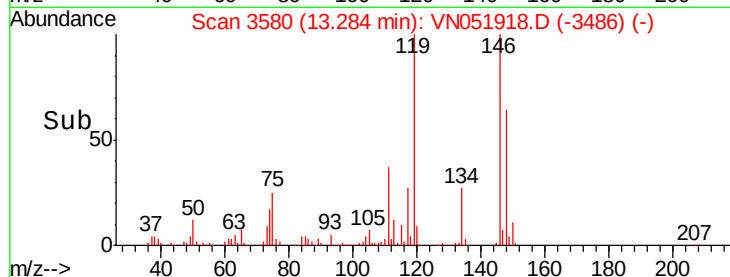
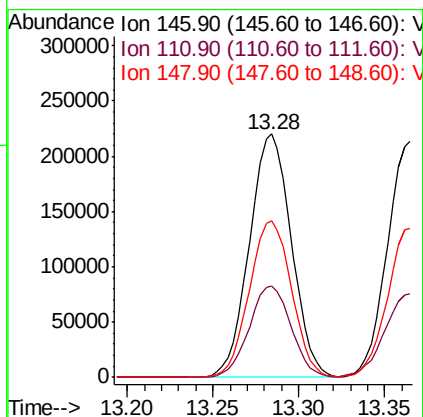
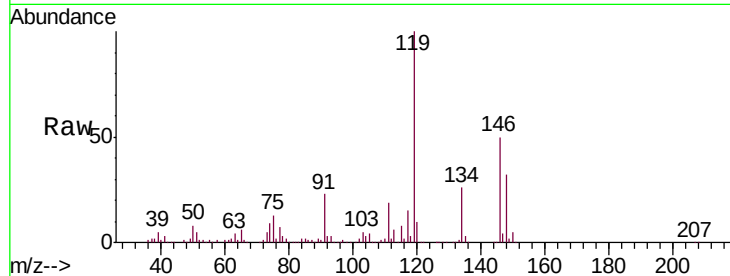




#87
 1,3-Dichlorobenzene
 Concen: 19.793 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

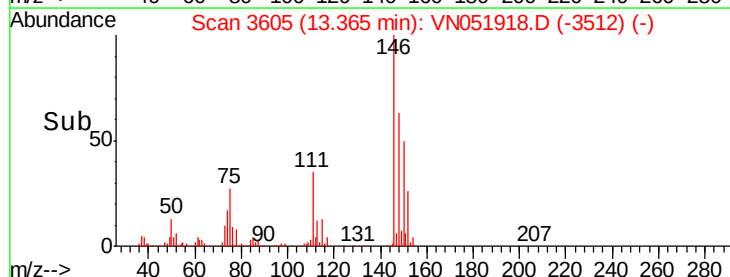
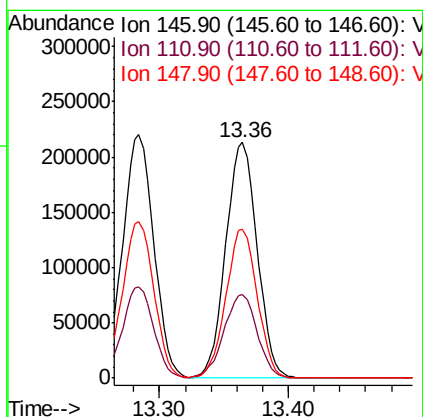
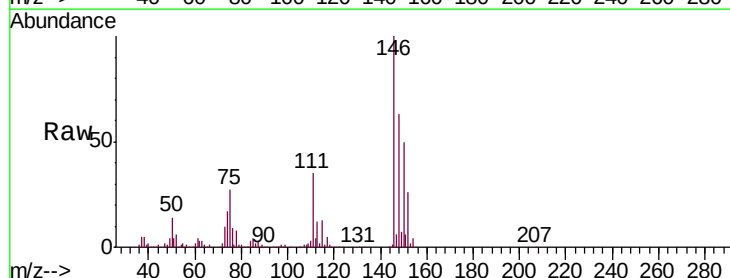
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

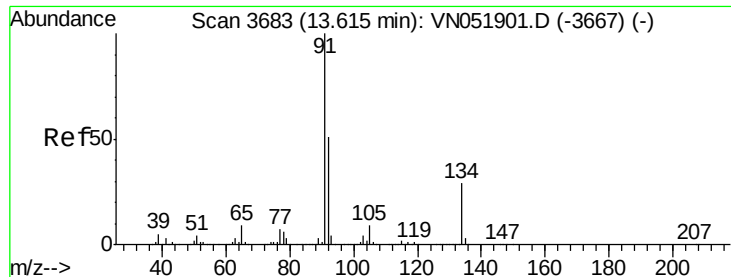
Tgt Ion:146 Resp: 372815
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.3 54.8
 148 64.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.458 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Tgt Ion:146 Resp: 360223
 Ion Ratio Lower Upper
 146 100
 111 37.6 17.9 53.7
 148 63.0 32.8 98.3





#89

n-Butylbenzene

Concen: 20.409 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

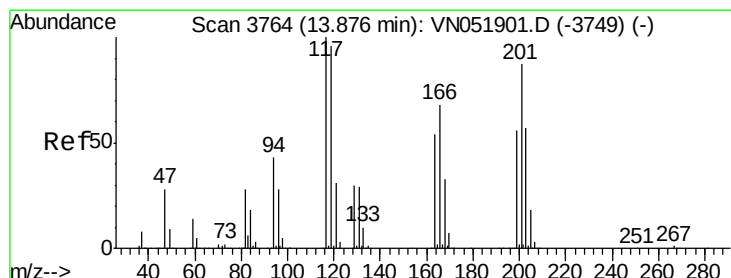
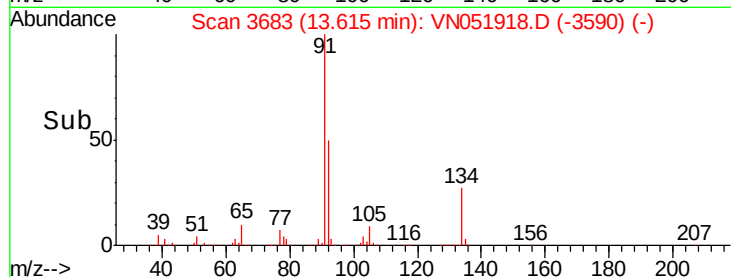
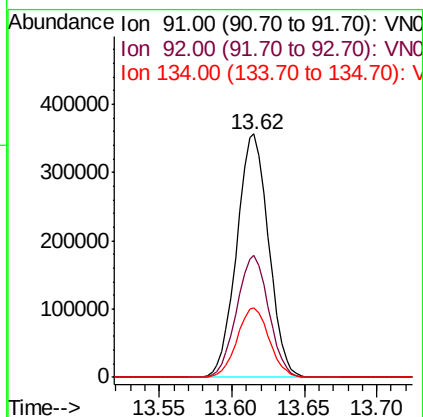
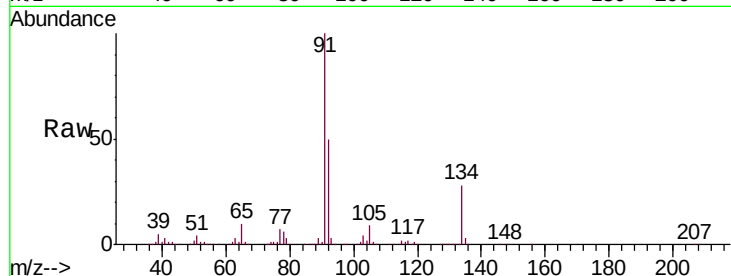
Tgt Ion: 91 Resp: 544189

Ion Ratio Lower Upper

91 100

92 50.6 25.9 77.7

134 28.8 14.6 43.8



#90

Hexachloroethane

Concen: 20.166 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN051918.D

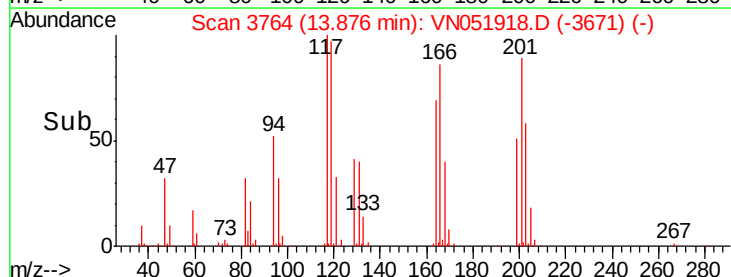
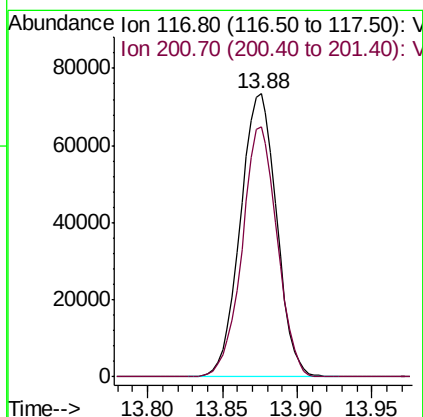
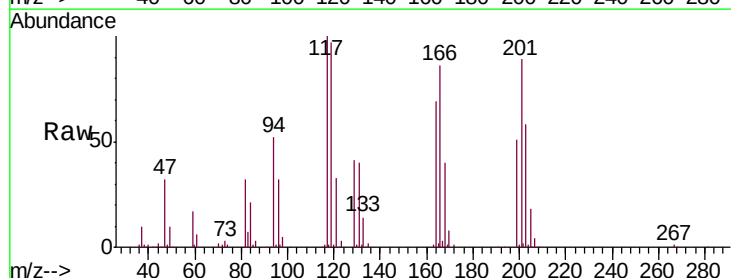
Acq: 18 Oct 2018 16:01

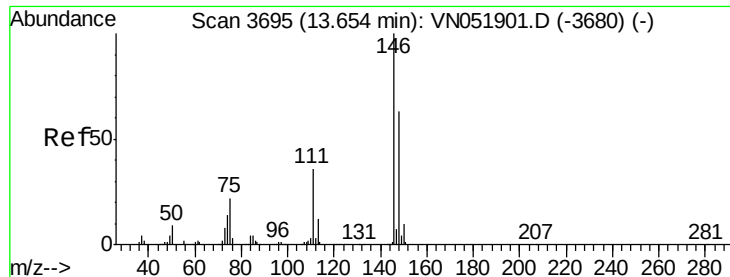
Tgt Ion: 117 Resp: 123977

Ion Ratio Lower Upper

117 100

201 85.3 43.8 131.3





#91

1,2-Dichlorobenzene

Concen: 20.514 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

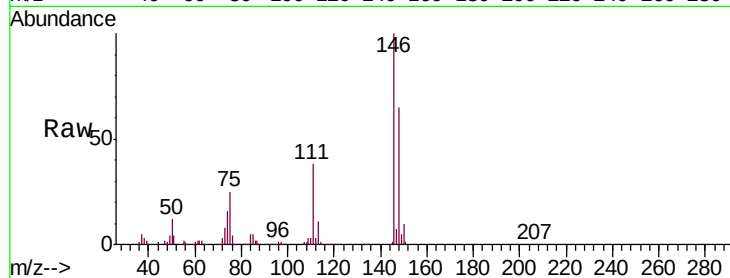
Tgt Ion:146 Resp: 374213

Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.6

148 65.1 32.0 96.2

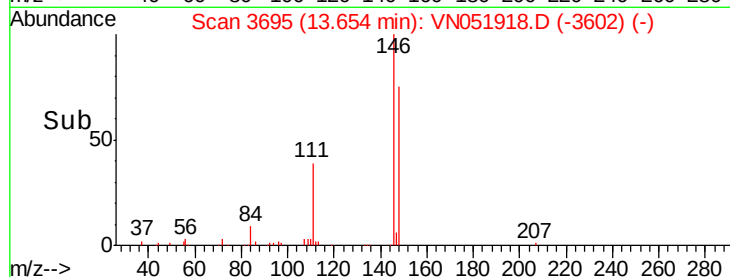


Abundance Ion 145.90 (145.60 to 146.60): V

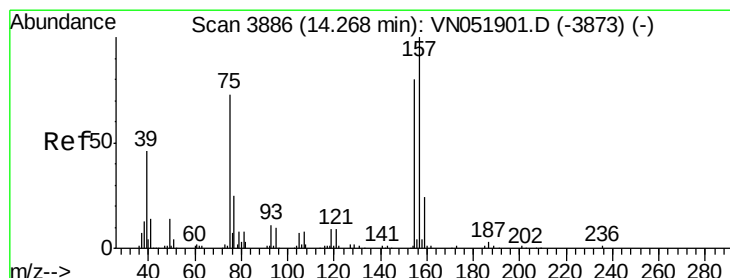
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time--> 13.55 13.60 13.65 13.70



Time--> 13.55 13.60 13.65 13.70



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.142 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

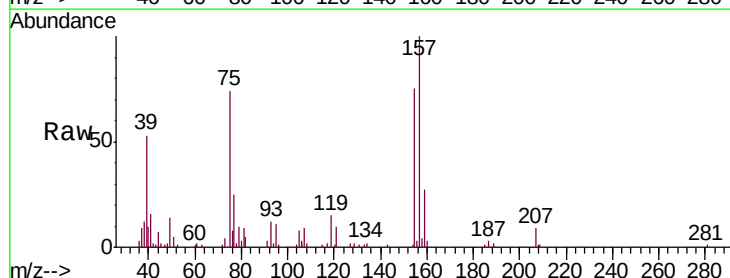
Tgt Ion: 75 Resp: 23951

Ion Ratio Lower Upper

75 100

155 106.5 53.4 160.2

157 135.0 69.3 207.9

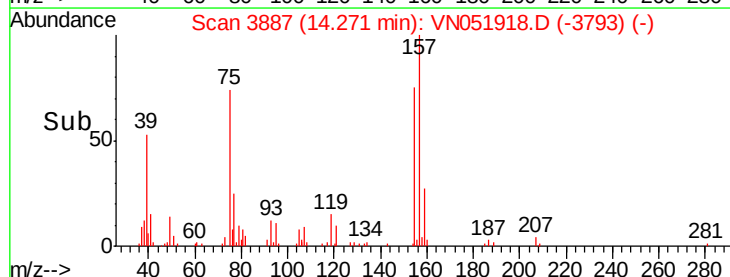


Abundance Ion 74.90 (74.60 to 75.60): V

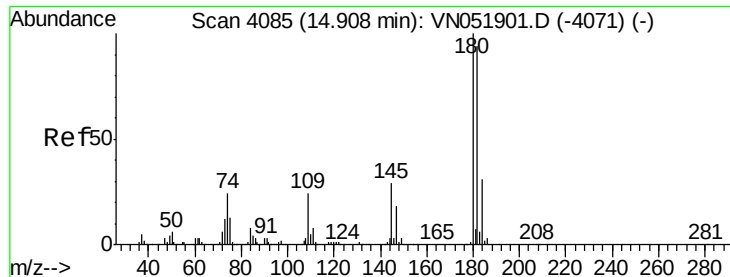
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

Time--> 14.20 14.25 14.30



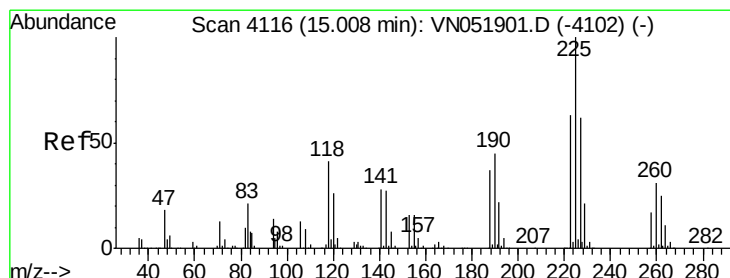
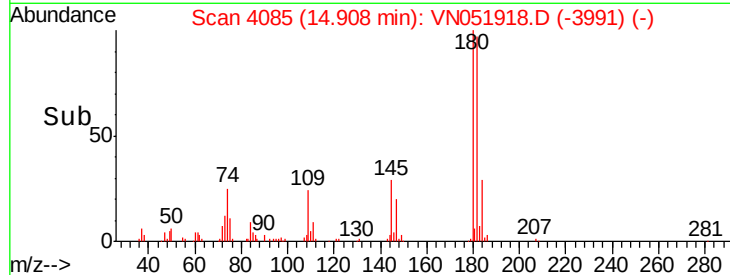
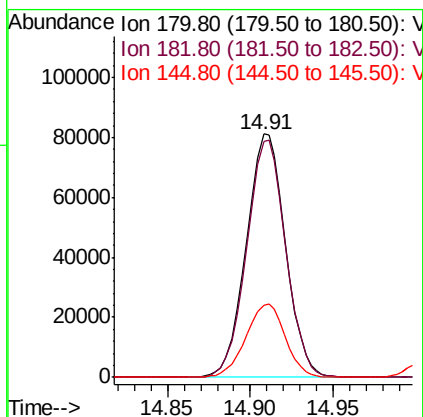
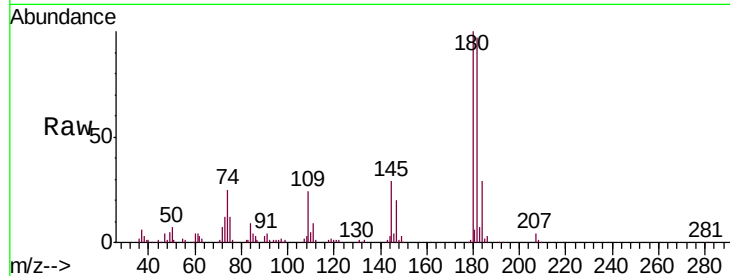
Time--> 14.20 14.25 14.30



#93
 1,2,4-Trichlorobenzene
 Concen: 17.405 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

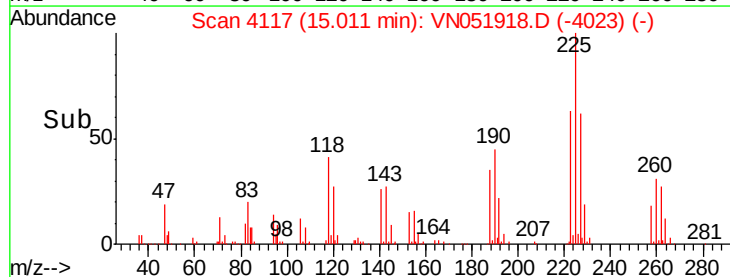
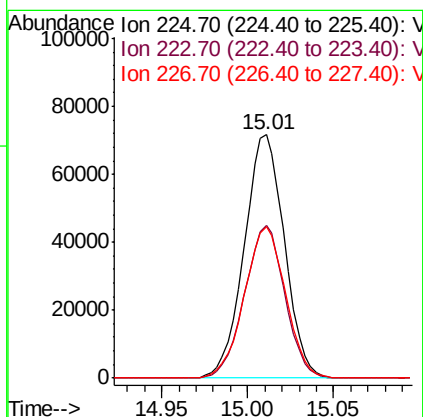
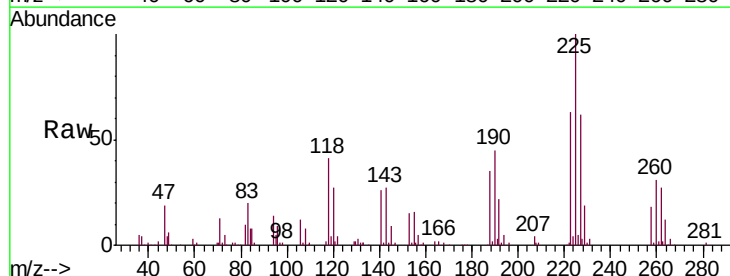
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBSD02

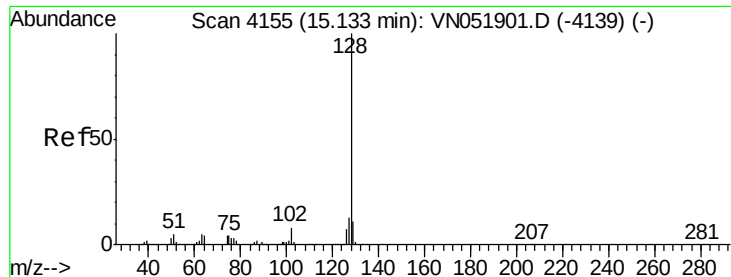
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.3	141.9
145	30.2	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 20.130 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051918.D
 Acq: 18 Oct 2018 16:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.0	96.2
227	63.7	31.9	95.9





#95

Naphthalene

Concen: 16.843 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBSD02

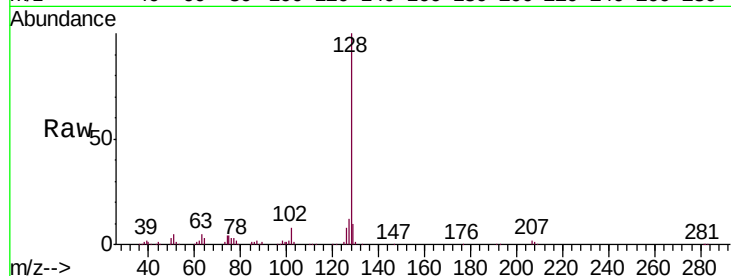
Tgt Ion:128 Resp: 258422

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

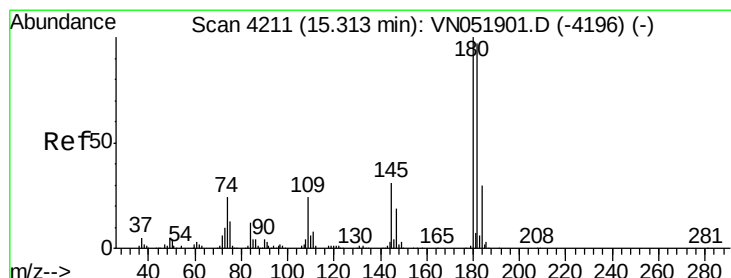
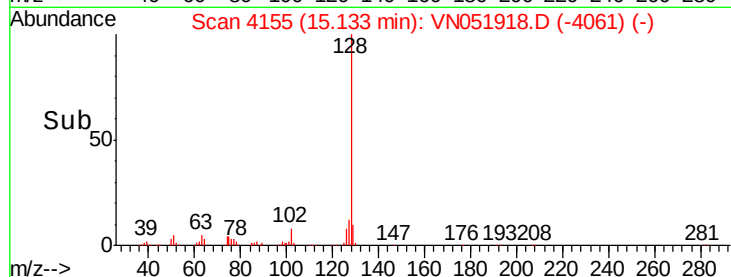
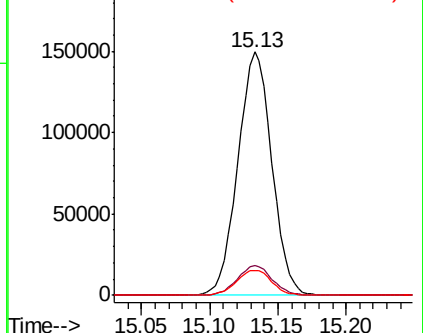
129 10.5 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.342 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051918.D

Acq: 18 Oct 2018 16:01

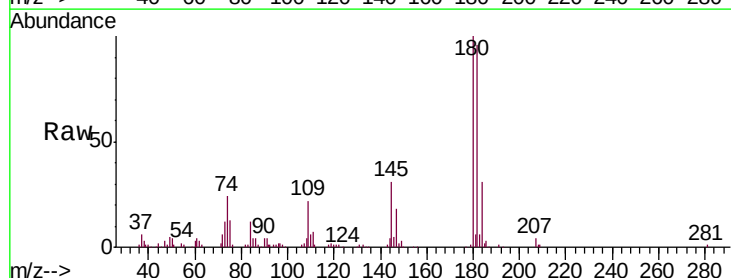
Tgt Ion:180 Resp: 144891

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.8

145 31.9 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

