

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\
 Data File : VN052918.D
 Acq On : 17 Dec 2018 11:10
 Operator : MD\SY
 Sample : VN1217WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

Quant Time: Dec 18 04:42:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1269541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1962547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1738972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	767470	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	685011	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
35) Dibromofluoromethane	7.59	113	472479	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	
50) Toluene-d8	10.09	98	2465576	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.40	95	831779	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	269553	20.626	ug/l	99
3) Chloromethane	2.06	50	320972	20.464	ug/l	99
4) Vinyl Chloride	2.19	62	327743	20.886	ug/l	100
5) Bromomethane	2.58	94	198283	20.487	ug/l	99
6) Chloroethane	2.71	64	189800	20.463	ug/l	100
7) Trichlorofluoromethane	3.03	101	404992	20.817	ug/l	98
8) Diethyl Ether	3.41	74	150987	21.276	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	253273	21.006	ug/l	100
10) Methyl Iodide	3.96	142	345369	20.453	ug/l	100
11) Tert butyl alcohol	4.77	59	73852	97.914	ug/l #	74
12) 1,1-Dichloroethene	3.74	96	242652	20.789	ug/l	96
13) Acrolein	3.61	56	21322	30.025	ug/l	93
14) Allyl chloride	4.33	41	420152	22.038	ug/l	95
15) Acrylonitrile	4.99	53	429250	101.443	ug/l	99
16) Acetone	3.82	43	229607	75.734	ug/l	97
17) Carbon Disulfide	4.06	76	749759	20.910	ug/l	99
18) Methyl Acetate	4.32	43	224206	20.151	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	660284	20.838	ug/l	98
20) Methylene Chloride	4.56	84	279181	20.462	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	258276	20.424	ug/l	99
22) Diisopropyl ether	5.95	45	863778	21.238	ug/l	100
23) Vinyl Acetate	5.90	43	2416668	99.857	ug/l	100
24) 1,1-Dichloroethane	5.85	63	495652	21.133	ug/l	99
25) 2-Butanone	6.83	43	424416	90.221	ug/l	100
26) 2,2-Dichloropropane	6.83	77	371892	21.531	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	296857	20.684	ug/l	99
28) Bromochloromethane	7.20	49	228580	21.703	ug/l	99
29) Tetrahydrofuran	7.21	42	324248	100.965	ug/l	99
30) Chloroform	7.37	83	481804	21.066	ug/l	100
31) Cyclohexane	7.66	56	478309	20.568	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	399981	20.902	ug/l	98
36) 1,1-Dichloropropene	7.79	75	371772	20.571	ug/l	99
37) Ethyl Acetate	6.93	43	215932	19.889	ug/l	99
38) Carbon Tetrachloride	7.78	117	357497	21.491	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	450554	20.315	ug/l	99
40) Benzene	8.04	78	1130201	20.836	ug/l	100
41) Methacrylonitrile	7.17	41	118701	19.733	ug/l	99
42) 1,2-Dichloroethane	8.12	62	337035	20.639	ug/l	100
43) Isopropyl Acetate	8.16	43	404291	18.163	ug/l	99
44) Trichloroethene	8.84	130	326601	22.292	ug/l	98
45) 1,2-Dichloropropane	9.12	63	297284	20.925	ug/l	98
46) Dibromomethane	9.21	93	169376	20.557	ug/l	99
47) Bromodichloromethane	9.40	83	369446	21.623	ug/l	99
48) Methyl methacrylate	9.20	41	200384	20.528	ug/l	99
49) 1,4-Dioxane	9.20	88	44611	402.613	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1041271	102.017	ug/l	100
52) Toluene	10.16	92	692819	21.089	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	372385	21.658	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	438735	21.414	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	241266	20.573	ug/l	98
56) Ethyl methacrylate	10.43	69	310825	20.653	ug/l	100
57) 1,3-Dichloropropane	10.71	76	419543	20.862	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	927432	110.439	ug/l	100
59) 2-Hexanone	10.75	43	671966	96.064	ug/l	100
60) Dibromochloromethane	10.90	129	277380	21.885	ug/l	99
61) 1,2-Dibromoethane	11.01	107	243325	20.991	ug/l	99
64) Tetrachloroethene	10.63	164	395525	26.464	ug/l	99
65) Chlorobenzene	11.43	112	753938	20.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	272872	21.747	ug/l	99
67) Ethyl Benzene	11.51	91	1331072	21.484	ug/l	99
68) m/p-Xylenes	11.62	106	997140	42.862	ug/l	99
69) o-Xylene	11.95	106	479780	21.120	ug/l	98
70) Styrene	11.96	104	787671	21.569	ug/l	99
71) Bromoform	12.13	173	188392	22.101	ug/l #	98
73) Isopropylbenzene	12.25	105	1280621	22.349	ug/l	100
74) N-amyl acetate	12.07	43	339918	21.607	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	225650	17.571	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	357951	31.612	ug/l #	100
77) Bromobenzene	12.53	156	321835	22.082	ug/l	98
78) n-propylbenzene	12.59	91	1441014	22.050	ug/l	99
79) 2-Chlorotoluene	12.67	91	846147	21.901	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1001118	21.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	80283	22.777	ug/l #	81
82) 4-Chlorotoluene	12.77	91	852145	21.572	ug/l	100
83) tert-Butylbenzene	12.99	119	891727	21.853	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1012197	21.615	ug/l	100
85) sec-Butylbenzene	13.17	105	1205400	21.813	ug/l	100
86) p-Isopropyltoluene	13.29	119	1024667	21.402	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	538981	20.810	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	531920	20.738	ug/l	99
89) n-Butylbenzene	13.62	91	841568	20.880	ug/l	100
90) Hexachloroethane	13.88	117	160402	20.008	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	502294	20.161	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38632	19.956	ug/l	97

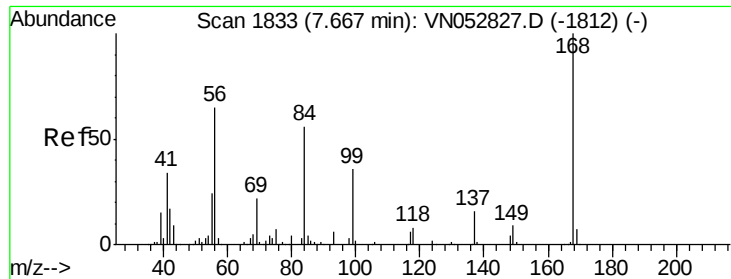
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121718\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	252562	18.649	ug/l	99
94) Hexachlorobutadiene	15.01	225	146073	18.634	ug/l	99
95) Naphthalene	15.13	128	532261	18.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	227044	18.271	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

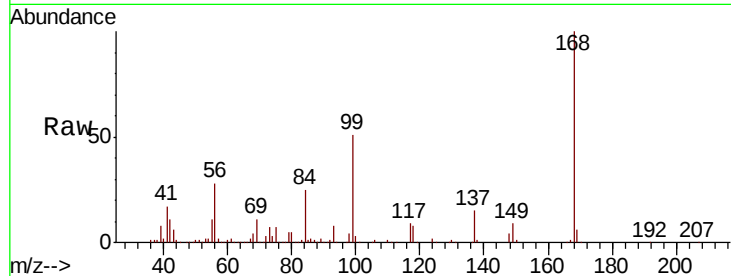
VN1217WBS01

Tot Ion:168 Resp: 1269541

Ion Ratio Lower Upper

168 100

99 50.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

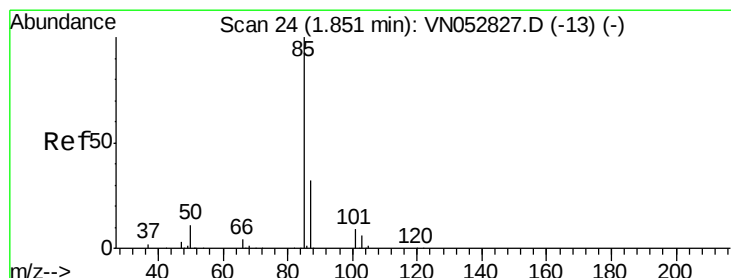
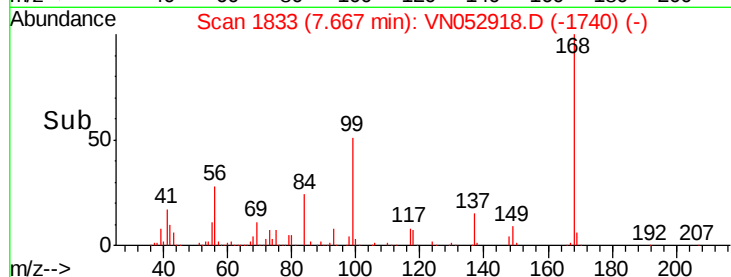
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.626 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052918.D

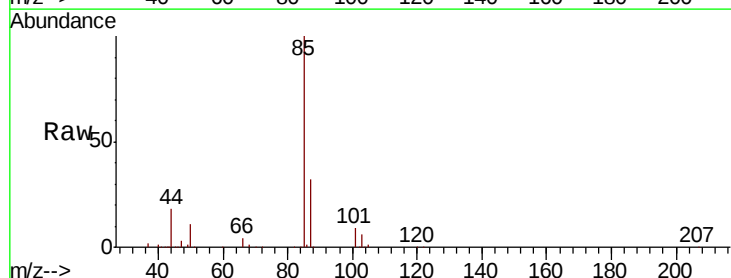
Acq: 17 Dec 2018 11:10

Tgt Ion: 85 Resp: 269553

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

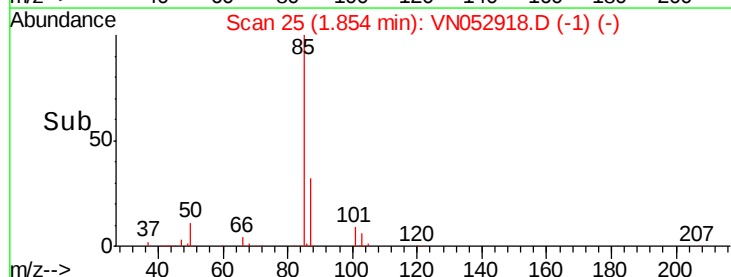
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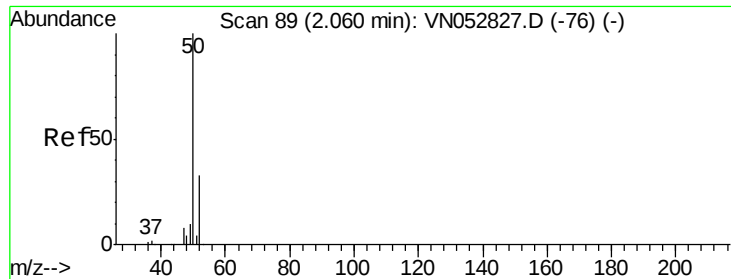
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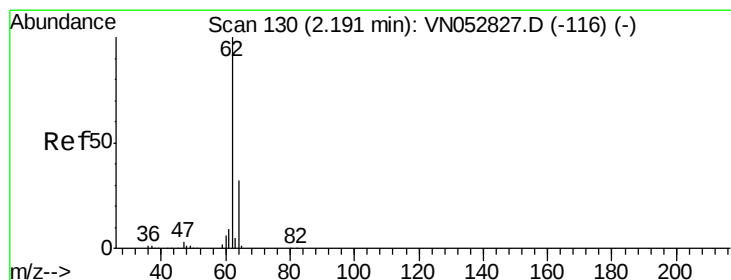
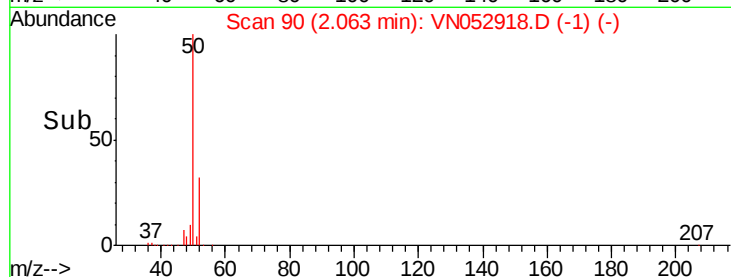
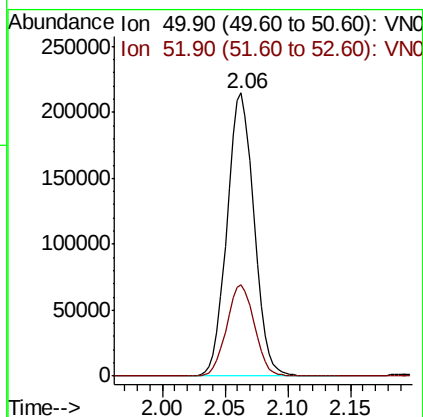
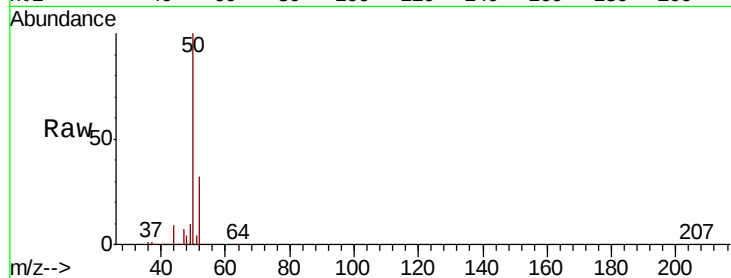




#3
Chloromethane
Concen: 20.464 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

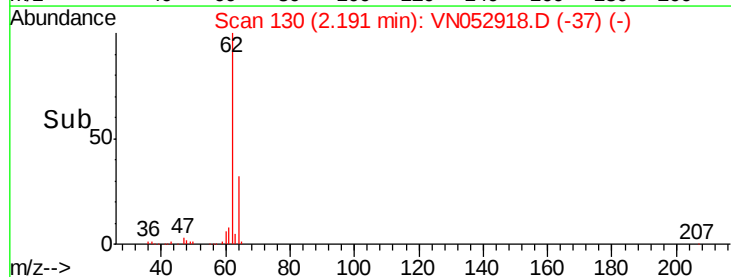
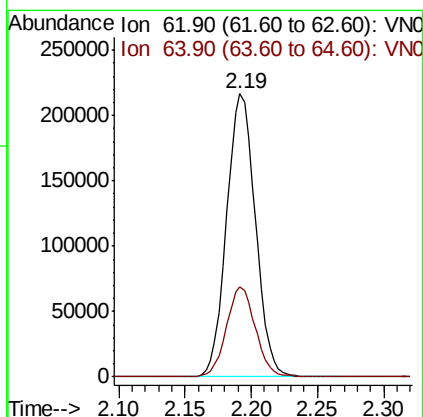
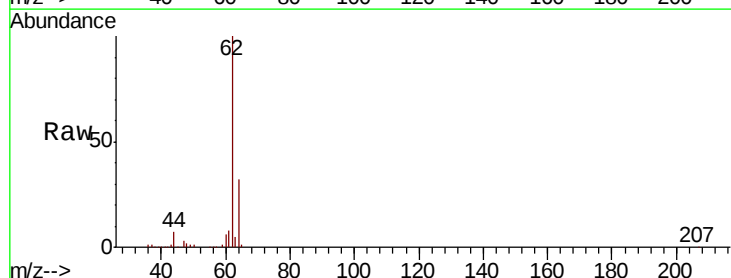
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

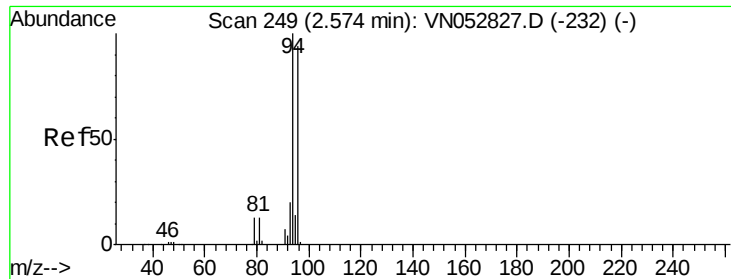
Tot Ion: 50 Resp: 320972
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.4



#4
Vinyl Chloride
Concen: 20.886 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 62 Resp: 327743
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5

Bromomethane

Concen: 20.487 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

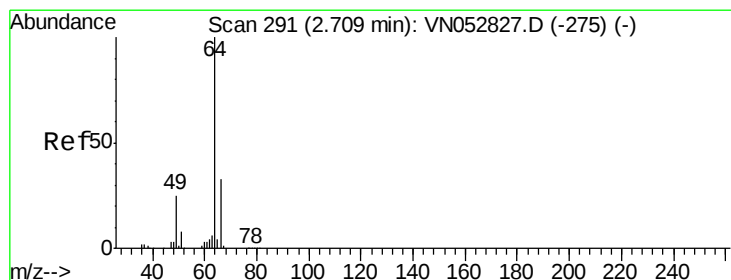
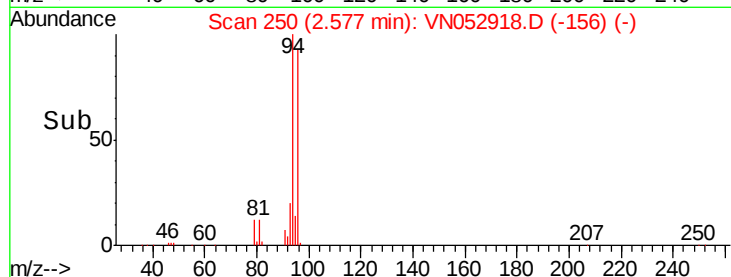
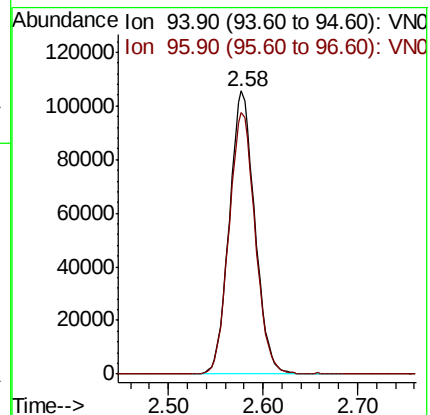
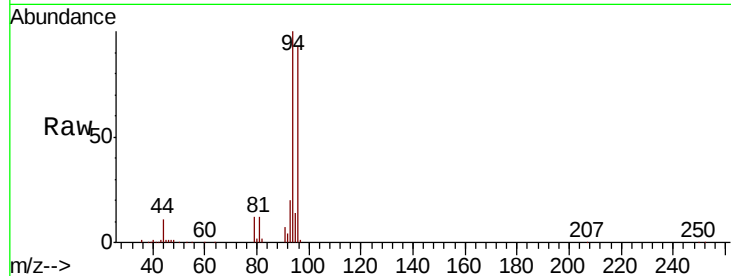
VN1217WBS01

Tot Ion: 94 Resp: 198283

Ion Ratio Lower Upper

94 100

96 92.5 75.0 112.4



#6

Chloroethane

Concen: 20.463 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052918.D

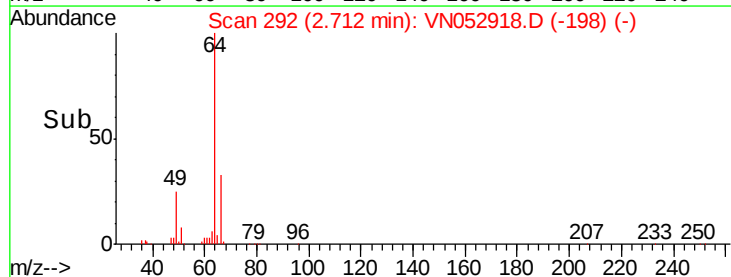
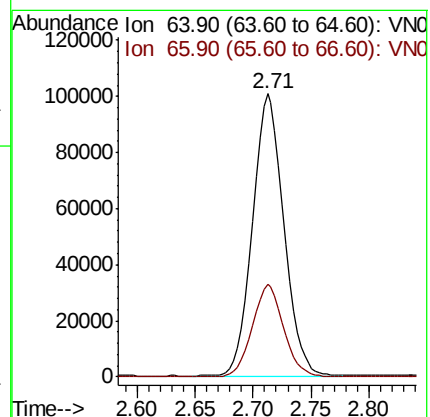
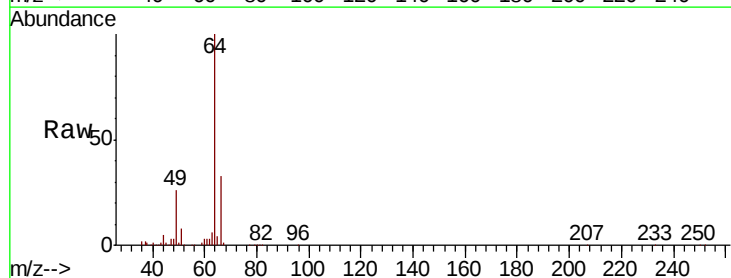
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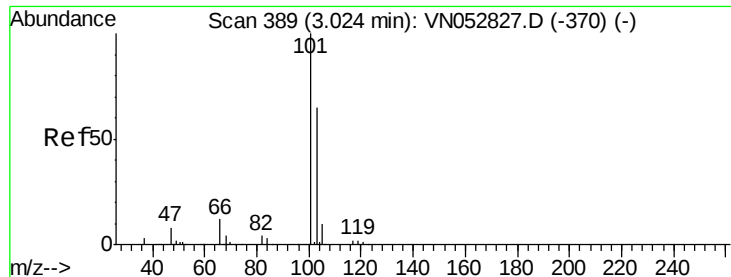
Tgt Ion: 64 Resp: 189800

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.2



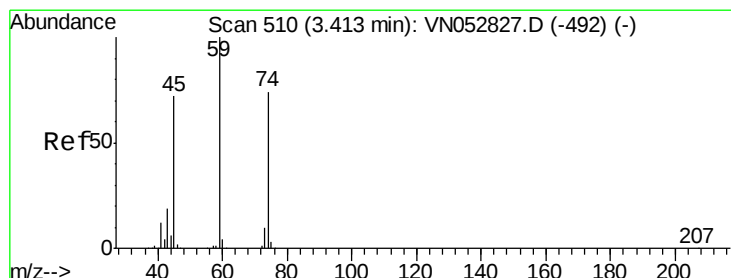
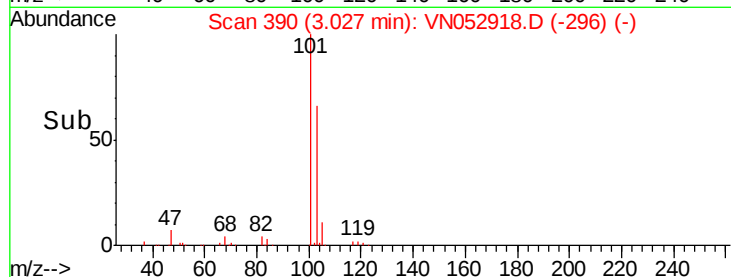
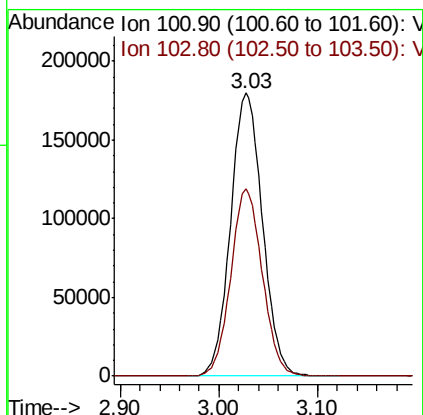
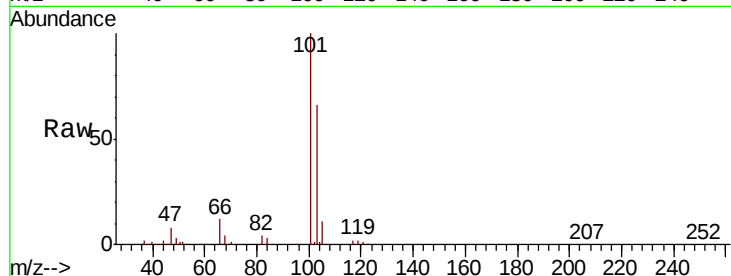


#7

Trichlorofluoromethane
 Concen: 20.817 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

Instrument :
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 VN1217WBS01

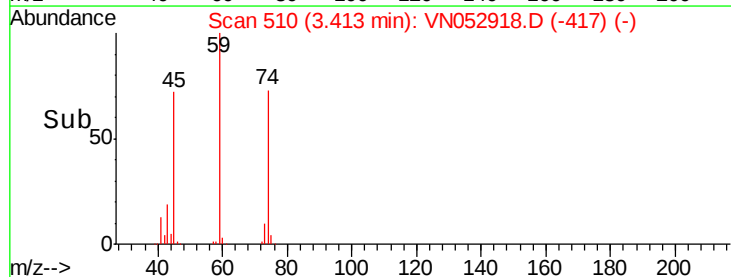
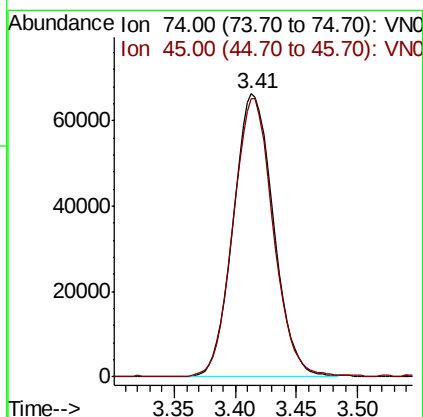
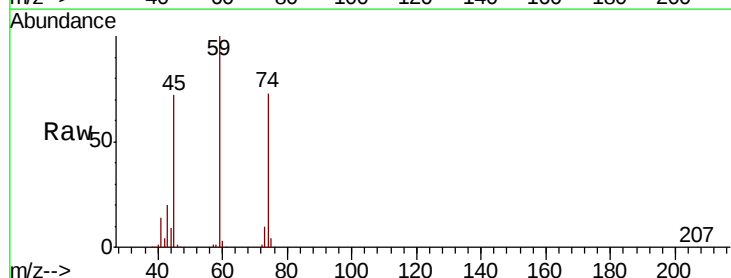
Tot Ion:101 Resp: 404992
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.6

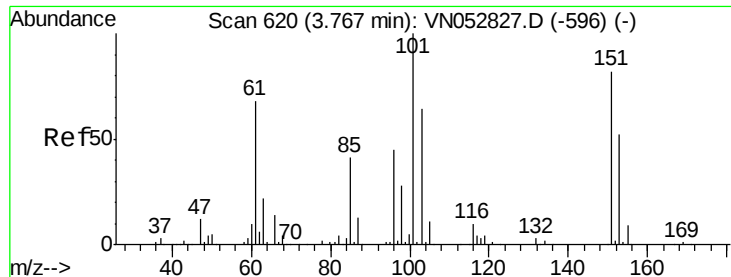


#8

Diethyl Ether
 Concen: 21.276 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

Tgt Ion: 74 Resp: 150987
 Ion Ratio Lower Upper
 74 100
 45 98.5 49.4 148.0

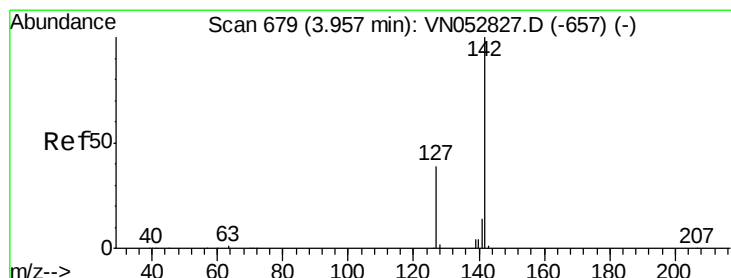
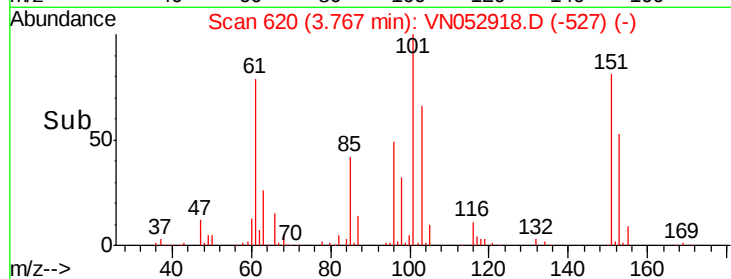
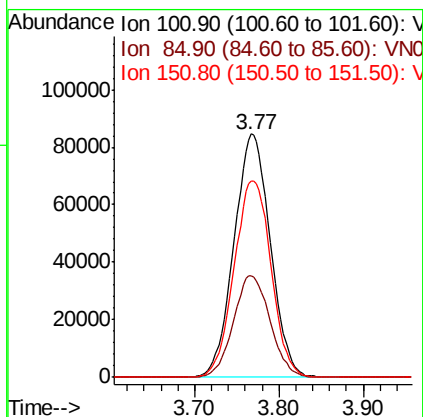
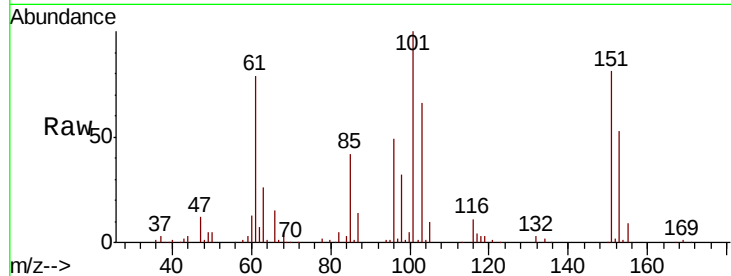




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.006 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

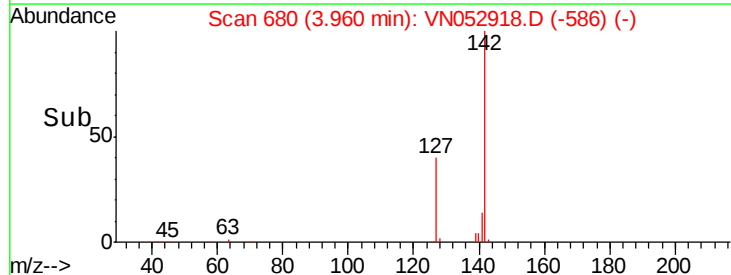
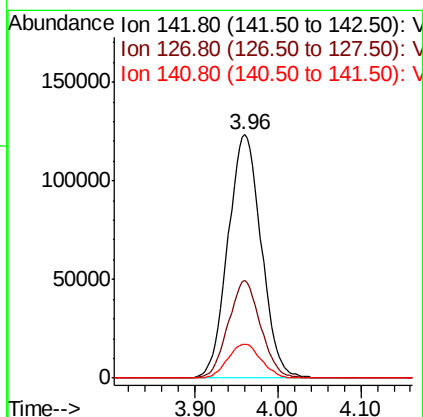
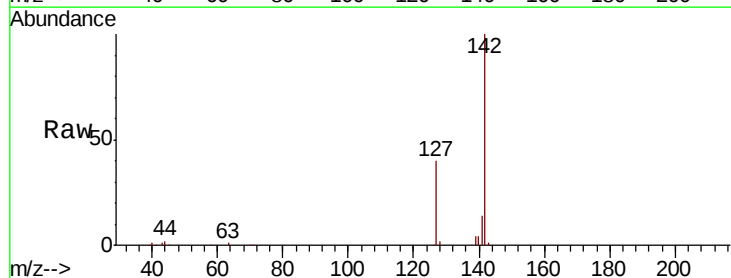
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

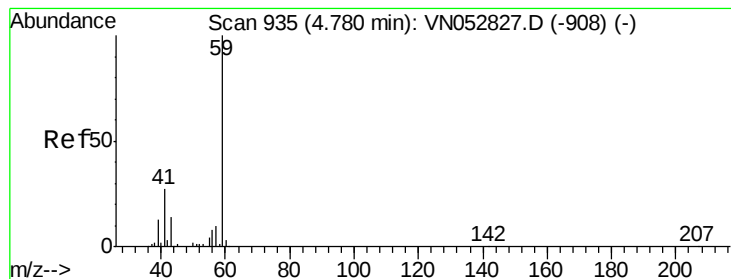
Tot Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.6	50.4
151	82.2	65.5	98.3



#10
 Methyl Iodide
 Concen: 20.453 ug/l
 RT: 3.96 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.0	31.0	46.6
141	14.0	11.2	16.8



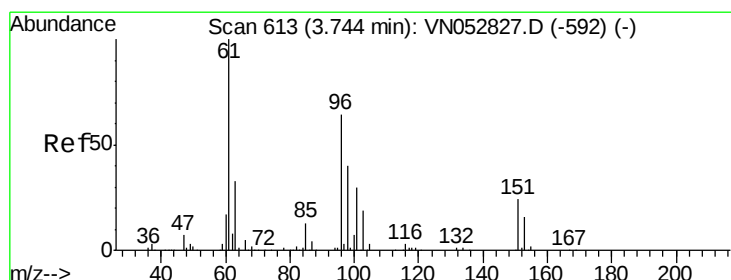
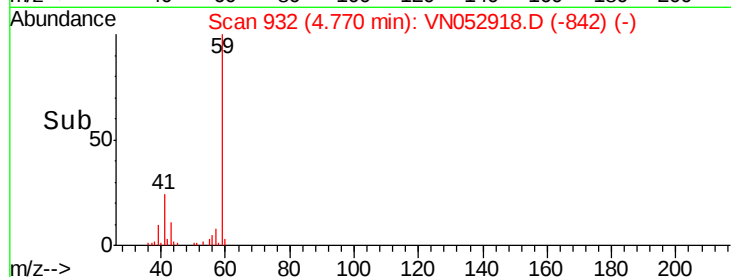
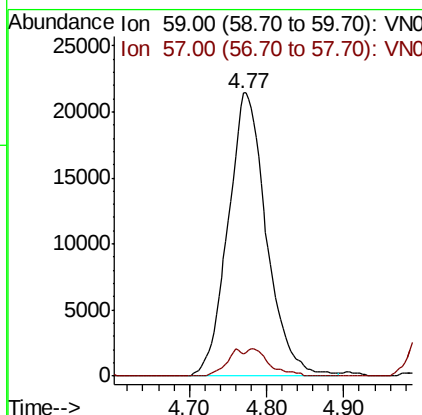
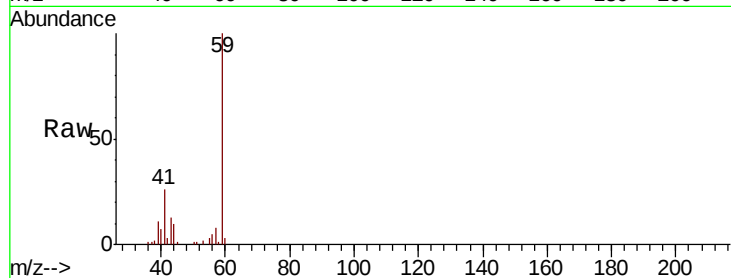


#11

Tert butyl alcohol
 Concen: 97.914 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

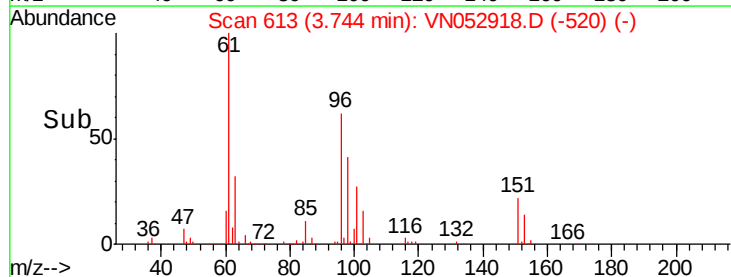
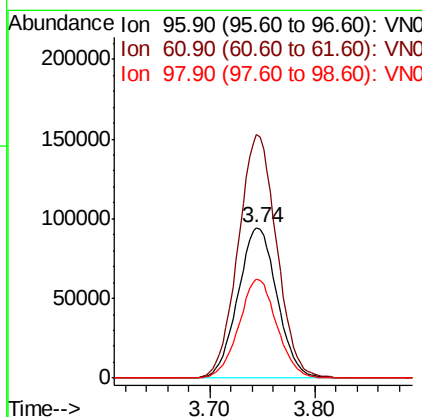
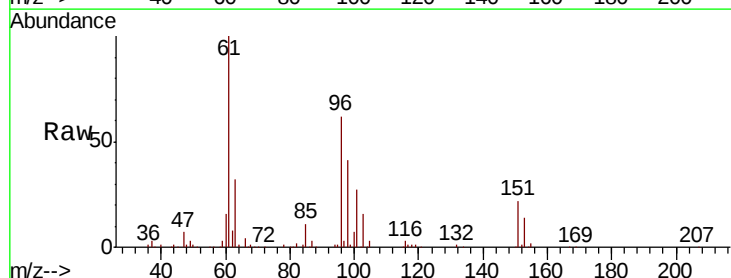
Tot Ion: 59 Resp: 73852
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

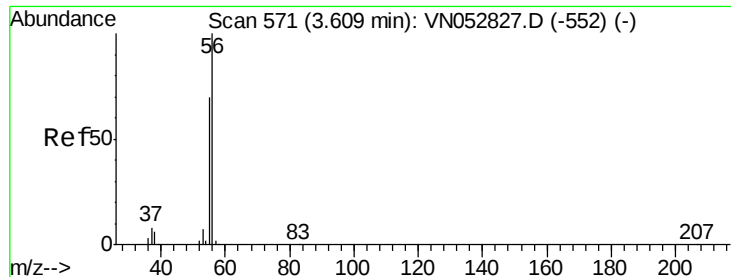


#12

1,1-Dichloroethene
 Concen: 20.789 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

Tgt Ion: 96 Resp: 242652
 Ion Ratio Lower Upper
 96 100
 61 161.9 125.6 188.4
 98 65.6 50.6 75.8





#13

Acrolein

Concen: 30.025 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

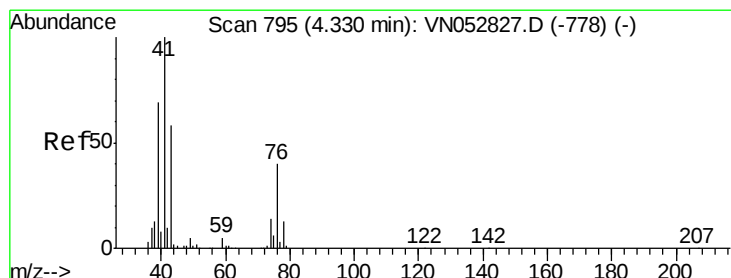
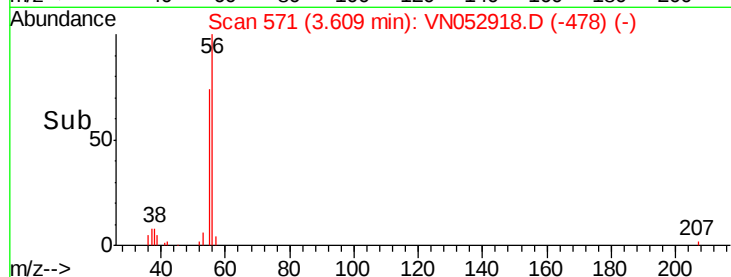
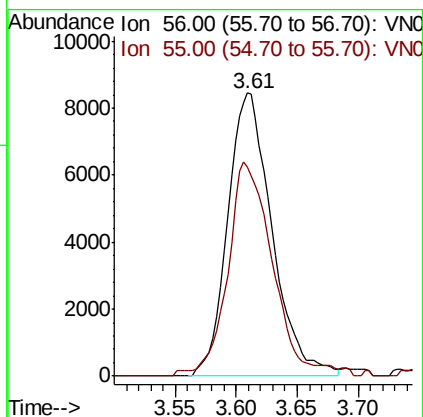
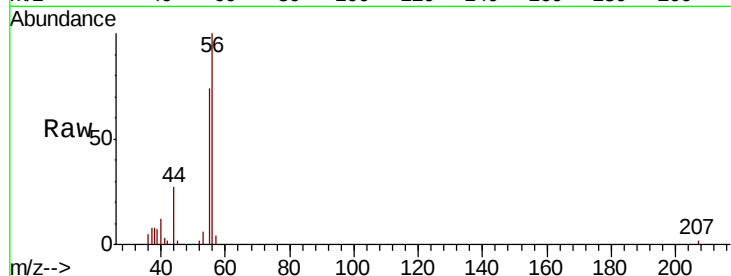
VN1217WBS01

Tot Ion: 56 Resp: 21322

Ion Ratio Lower Upper

56 100

55 76.3 56.6 85.0



#14

Allyl chloride

Concen: 22.038 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

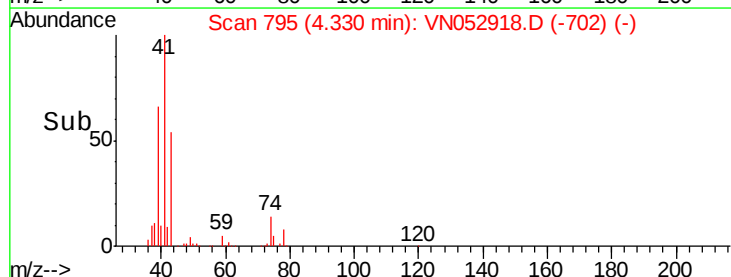
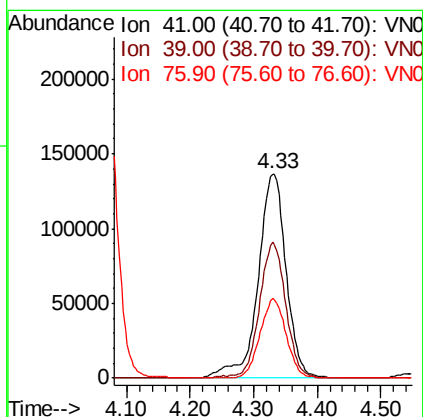
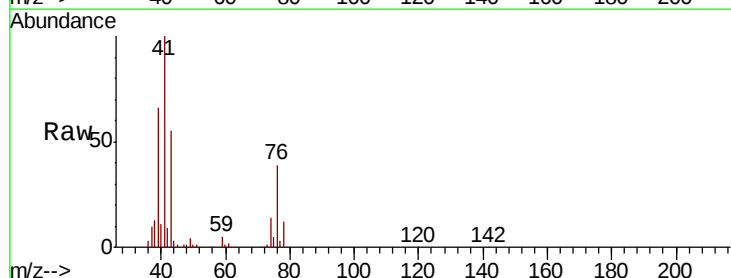
Tgt Ion: 41 Resp: 420152

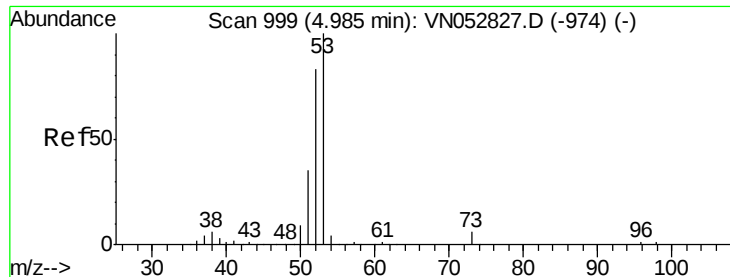
Ion Ratio Lower Upper

41 100

39 62.8 54.1 81.1

76 36.0 30.3 45.5





#15

Acrylonitrile

Concen: 101.443 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

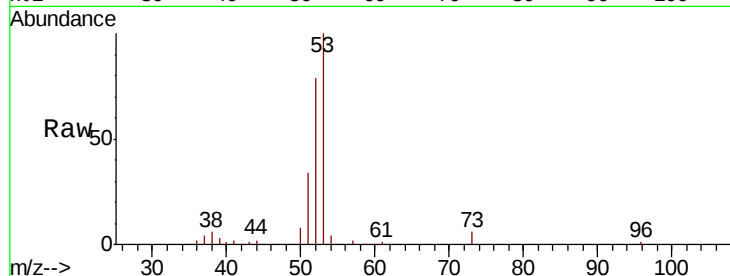
Tot Ion: 53 Resp: 429250

Ion Ratio Lower Upper

53 100

52 81.4 65.1 97.7

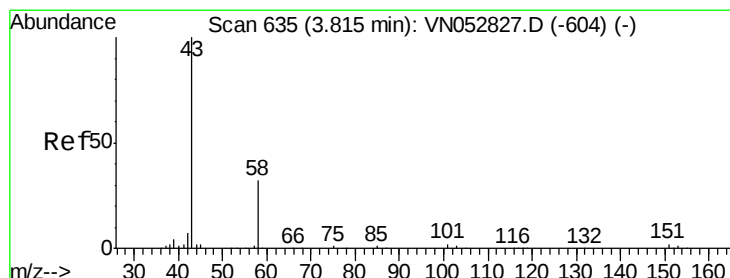
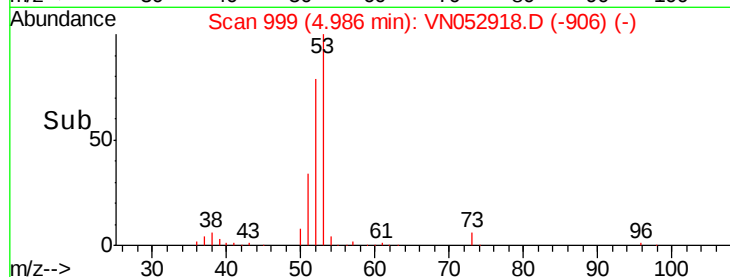
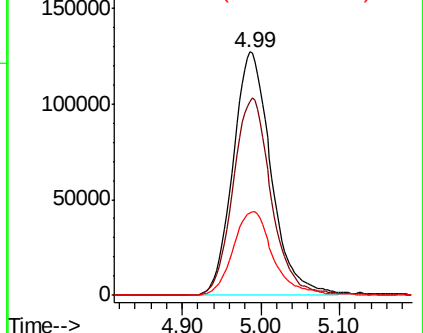
51 36.1 28.1 42.1



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: 75.734 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052918.D

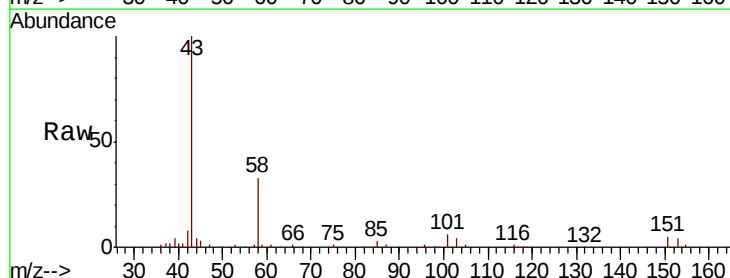
Acq: 17 Dec 2018 11:10

Tgt Ion: 43 Resp: 229607

Ion Ratio Lower Upper

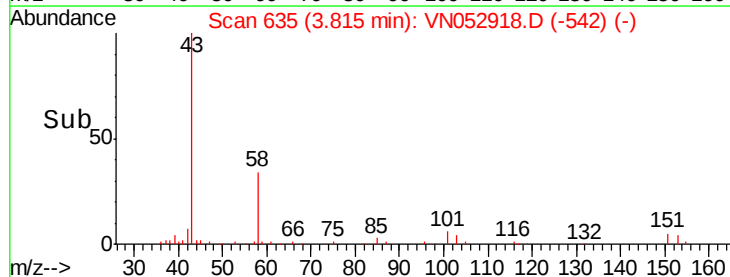
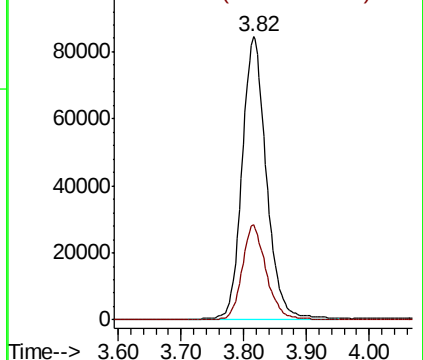
43 100

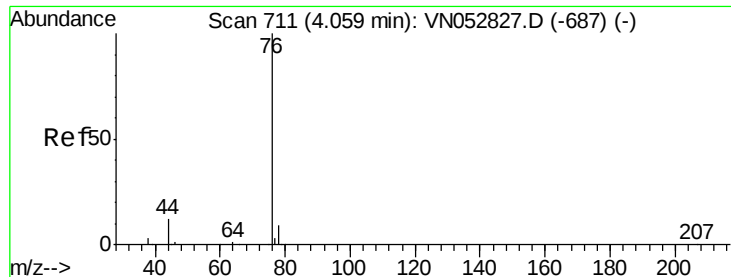
58 33.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

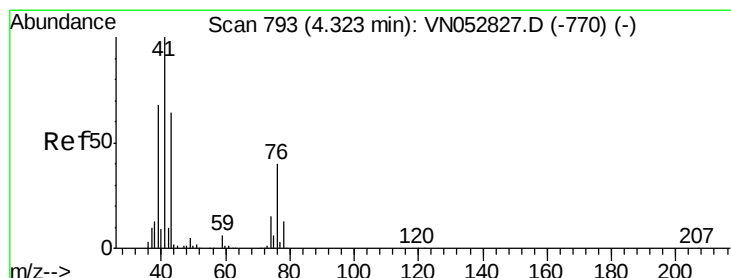
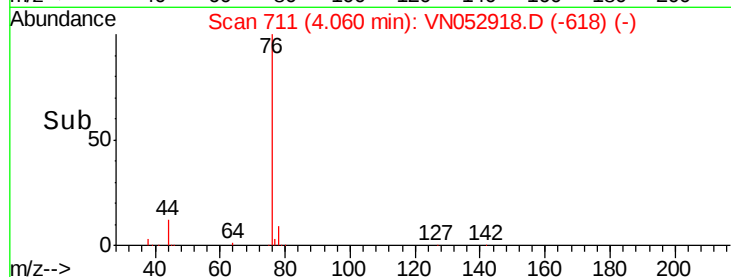
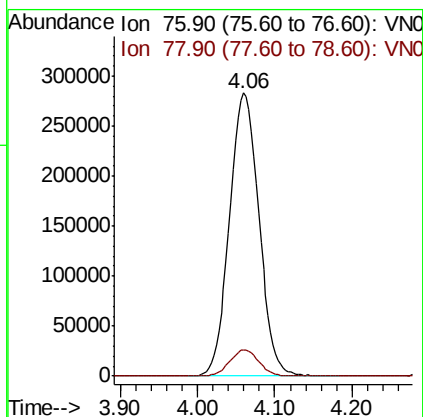
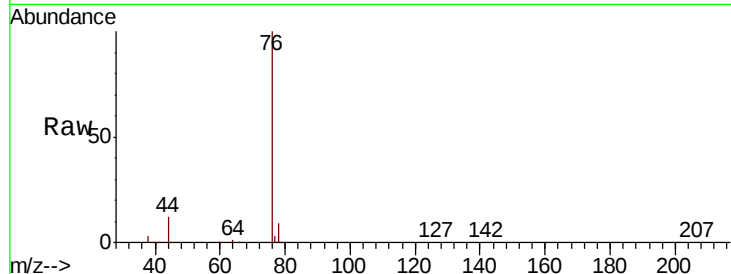




#17
Carbon Disulfide
Concen: 20.910 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

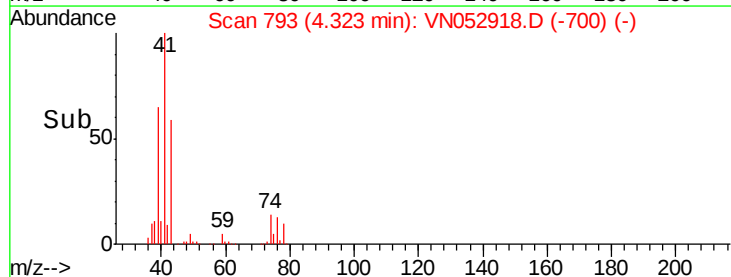
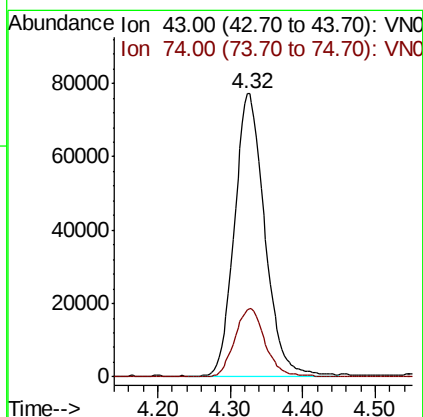
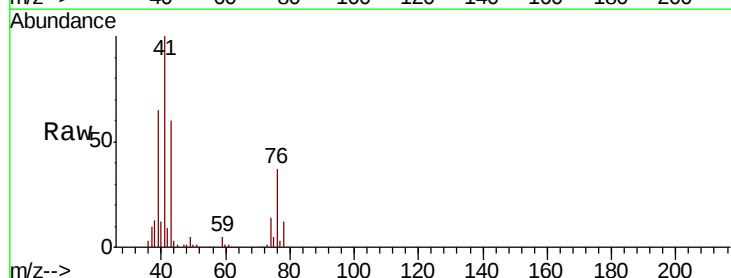
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

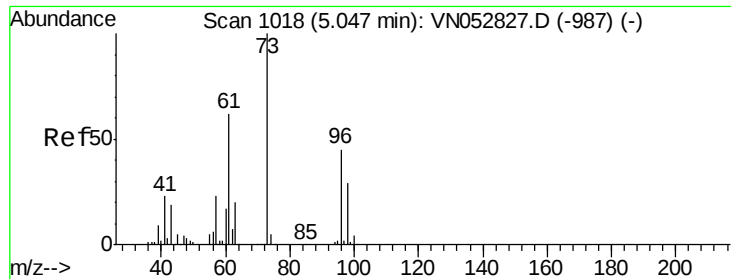
Tot Ion: 76 Resp: 749759
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 20.151 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 43 Resp: 224206
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8

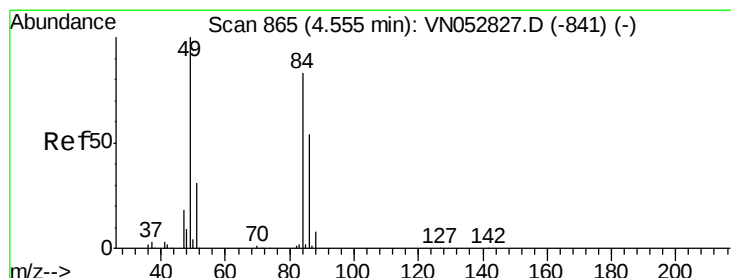
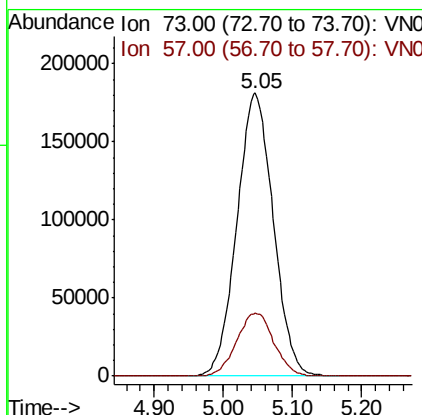
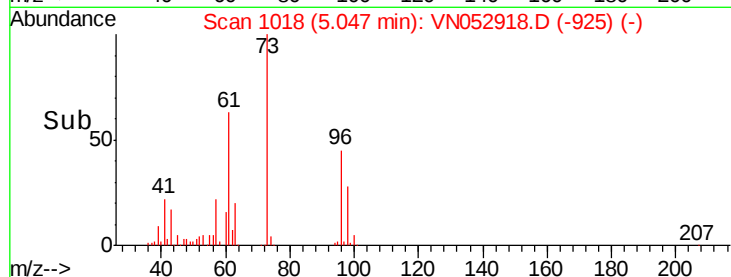
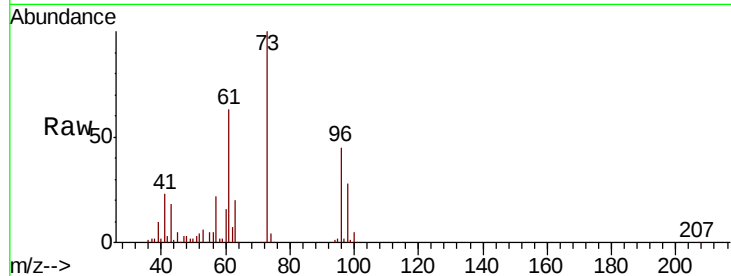




#19
Methvl tert-butvl Ether
Concen: 20.838 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

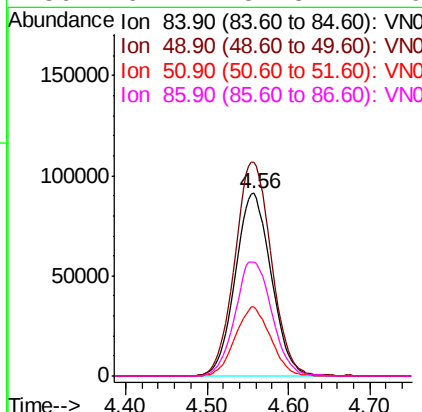
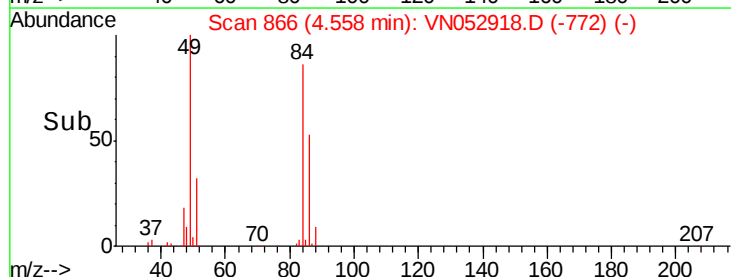
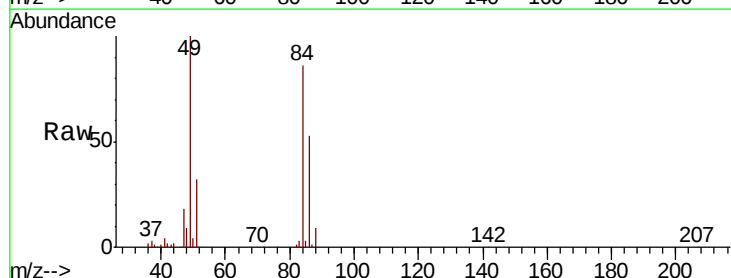
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

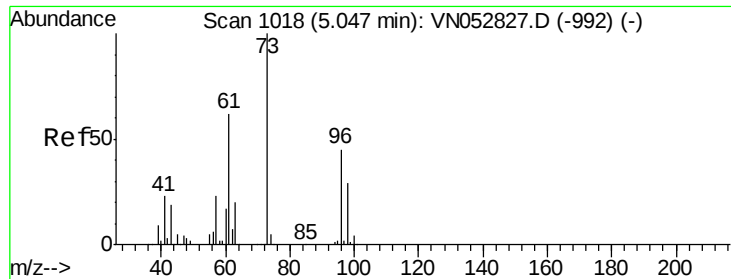
Tot Ion: 73 Resp: 660284
Ion Ratio Lower Upper
73 100
57 22.2 18.4 27.6



#20
Methylene Chloride
Concen: 20.462 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 84 Resp: 279181
Ion Ratio Lower Upper
84 100
49 116.7 96.8 145.2
51 37.6 29.9 44.9
86 62.4 51.8 77.6

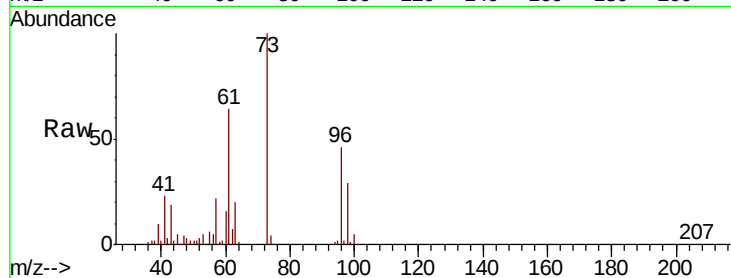




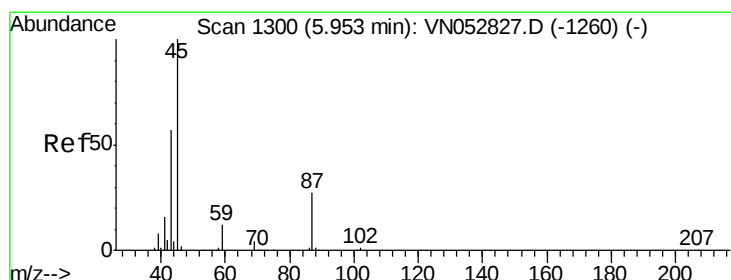
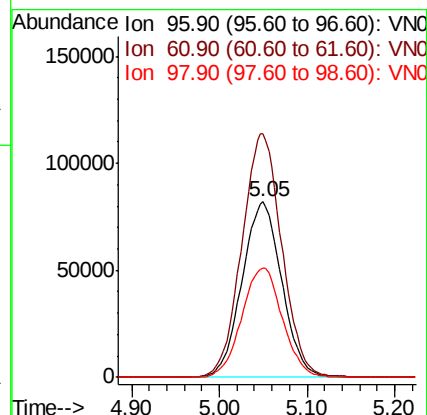
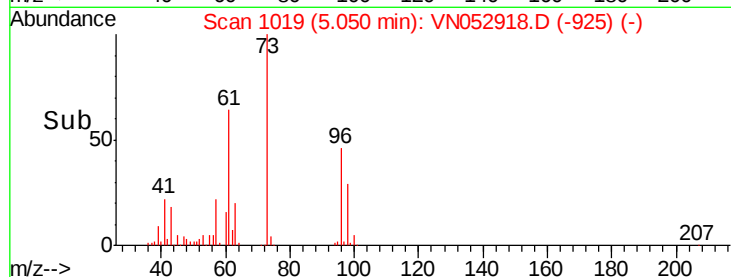
#21
trans-1,2-Dichloroethene
Concen: 20.424 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Instrument :
MSVOA_N
ClientSampled :
VN1217WBS01

Tot Ion: 96 Resp: 258276
Ion Ratio Lower Upper
96 100
61 138.7 110.8 166.2
98 62.4 51.4 77.2

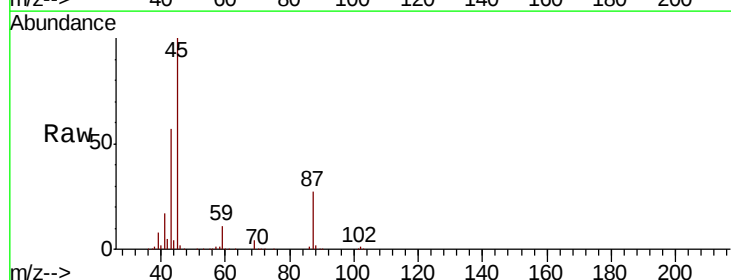


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

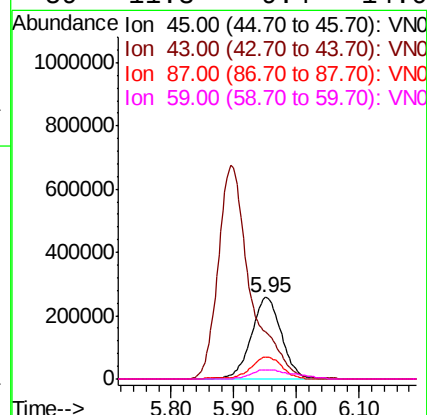
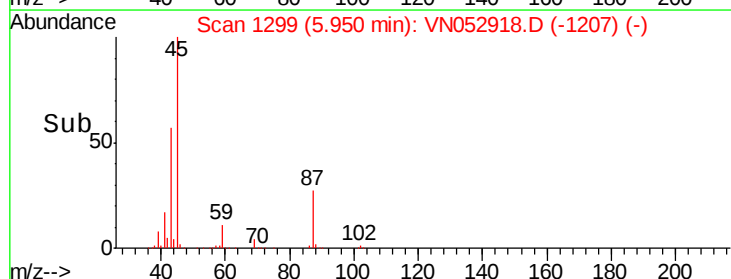


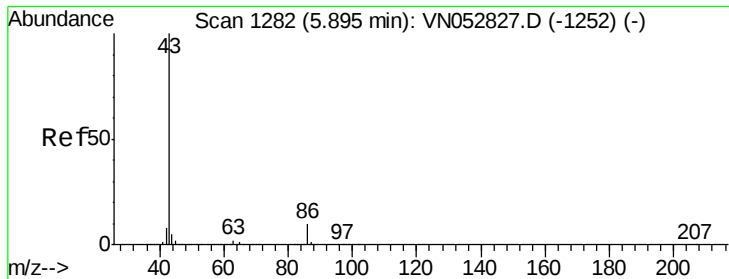
#22
Diisopropyl ether
Concen: 21.238 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 45 Resp: 863778
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 27.4 22.0 33.0
59 11.3 9.4 14.0



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





#23

Vinyl Acetate

Concen: 99.857 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

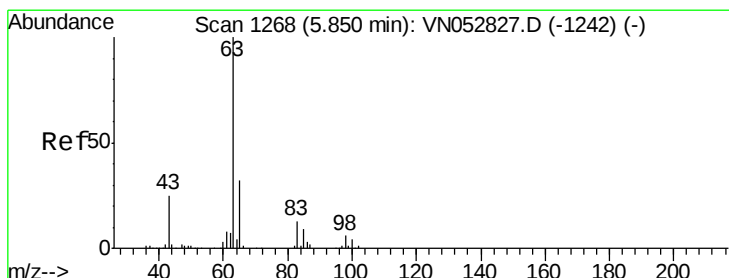
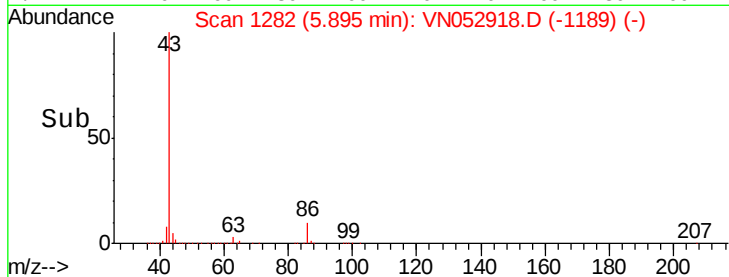
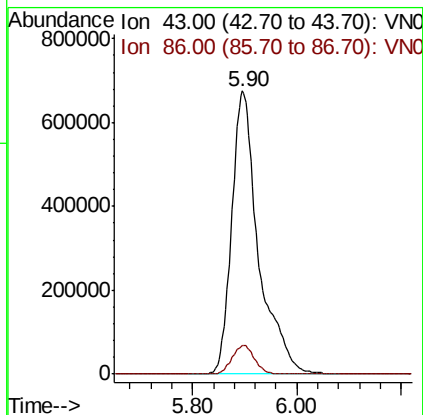
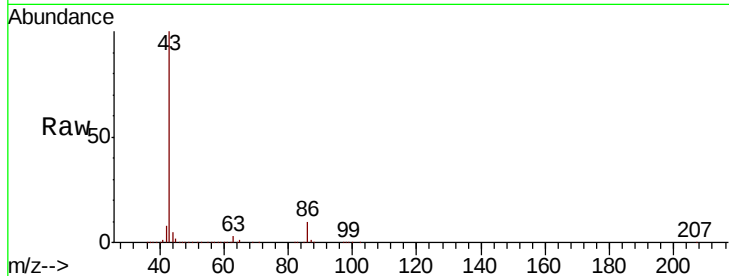
VN1217WBS01

Tot Ion: 43 Resp: 2416668

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 21.133 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

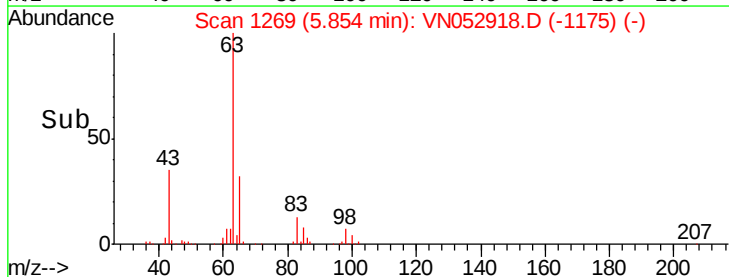
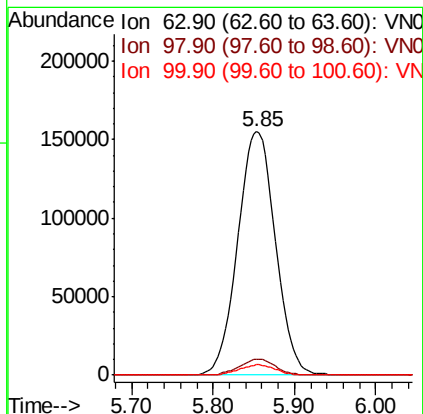
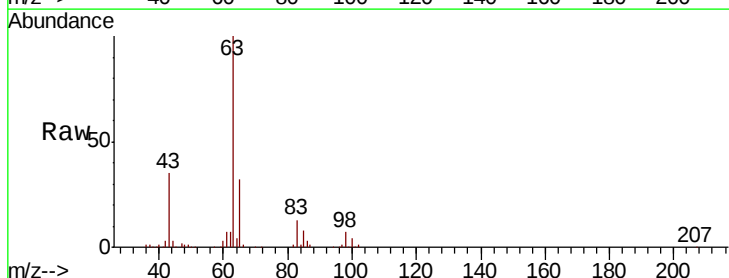
Tgt Ion: 63 Resp: 495652

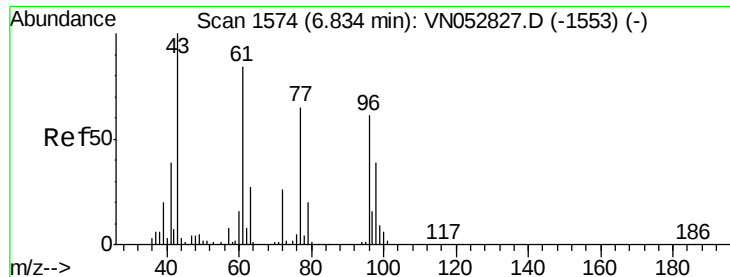
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.1 2.0 5.8

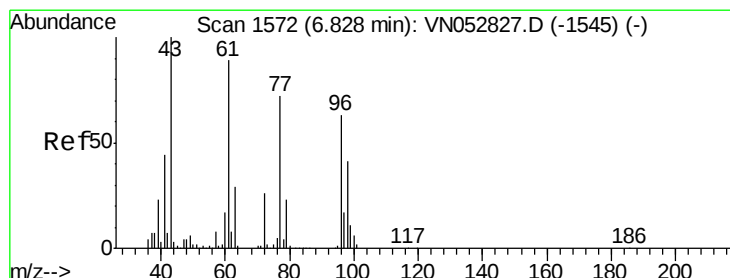
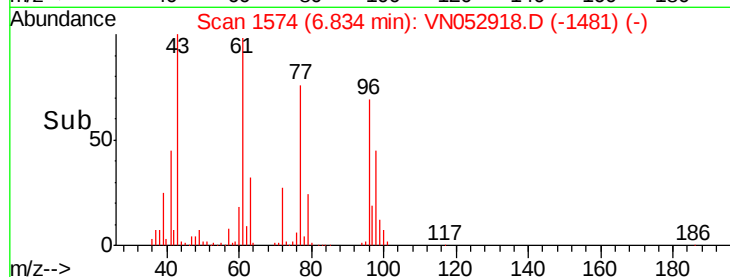
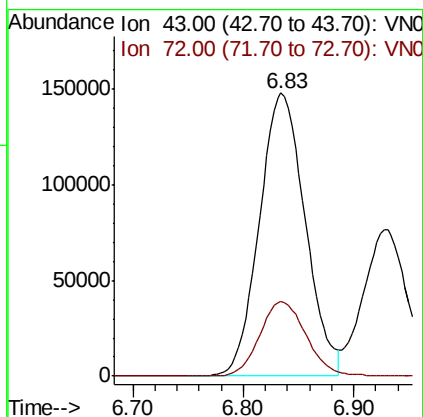
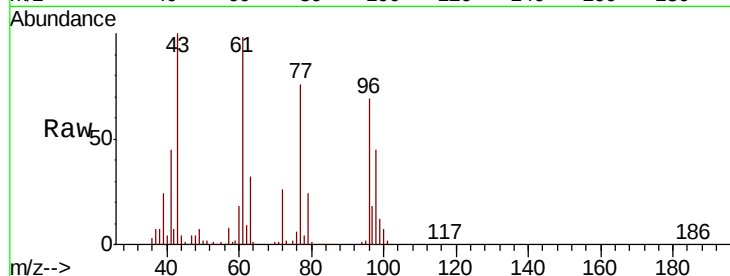




#25
2-Butanone
Concen: 90.221 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

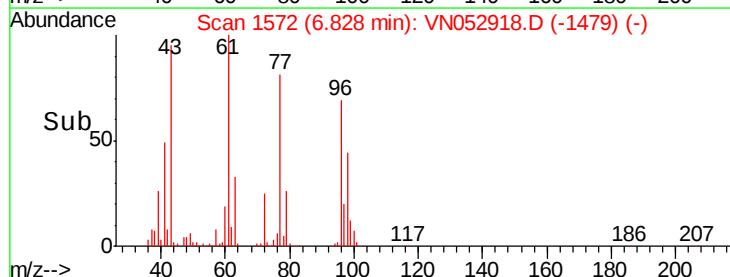
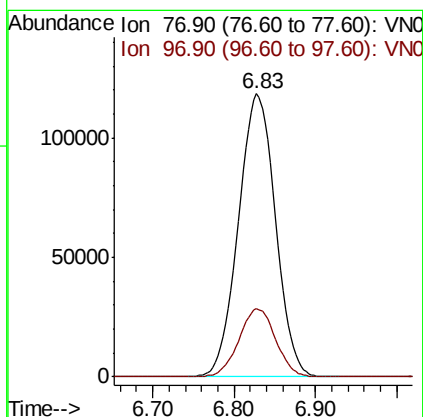
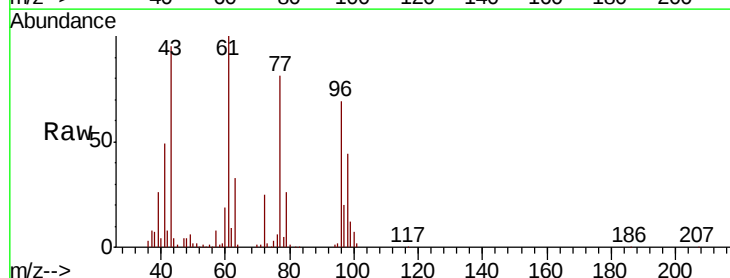
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

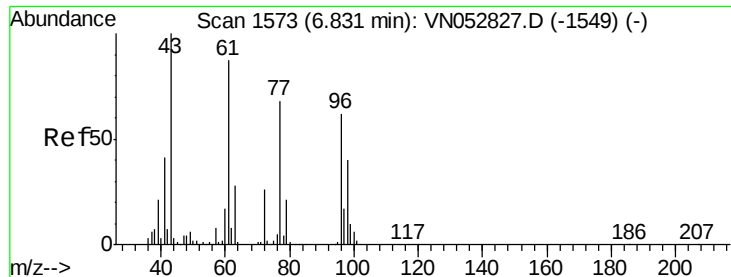
Tot Ion: 43 Resp: 424416
Ion Ratio Lower Upper
43 100
72 26.5 21.0 31.6



#26
2,2-Dichloropropane
Concen: 21.531 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 77 Resp: 371892
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.684 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

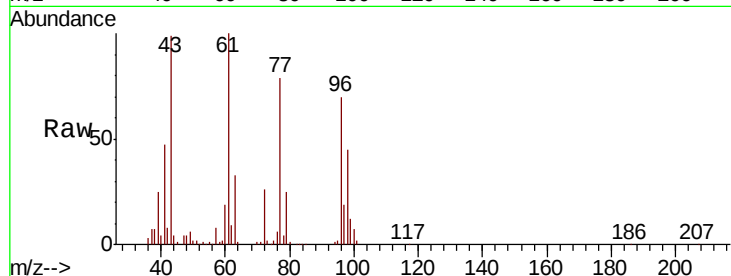
Tot Ion: 96 Resp: 296857

Ion Ratio Lower Upper

96 100

61 144.3 0.0 284.2

98 64.9 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN052918.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052918.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052918.D (-1480) (-)

200000

150000

100000

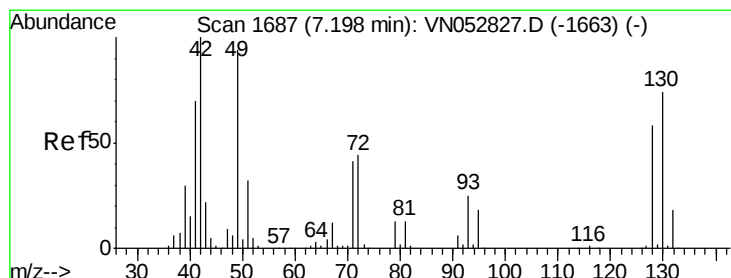
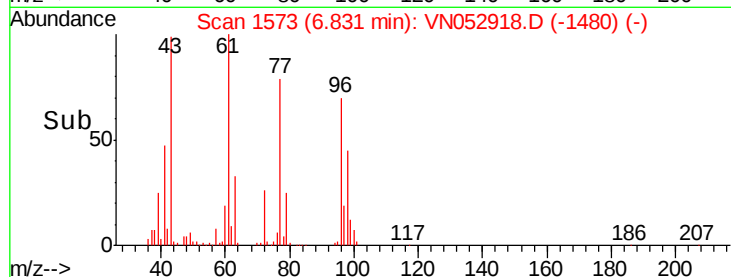
50000

0

6.70 6.80 6.90

6.83

Time-->



#28

Bromochloromethane

Concen: 21.703 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

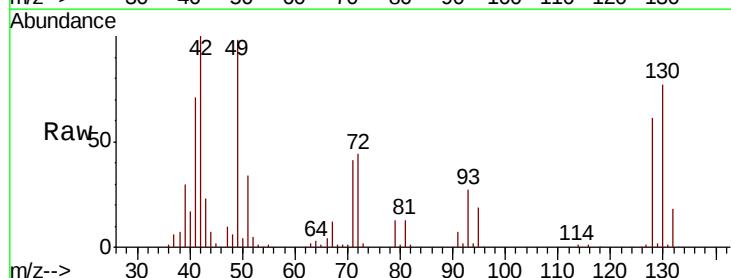
Tgt Ion: 49 Resp: 228580

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 78.4 63.3 94.9



Abundance Ion 48.90 (48.60 to 49.60): VN052918.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN052918.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN052918.D (-1594) (-)

100000

80000

60000

40000

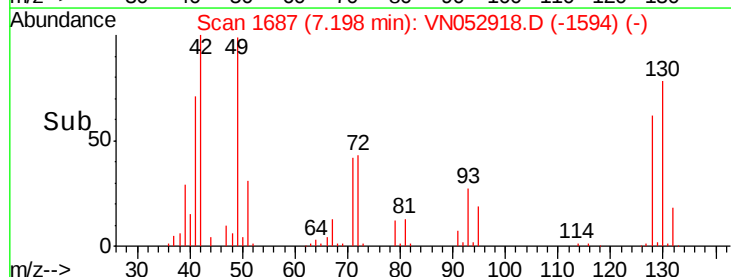
20000

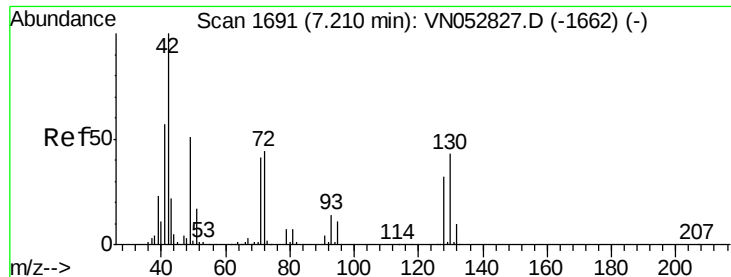
0

7.10 7.20 7.30

7.20

Time-->

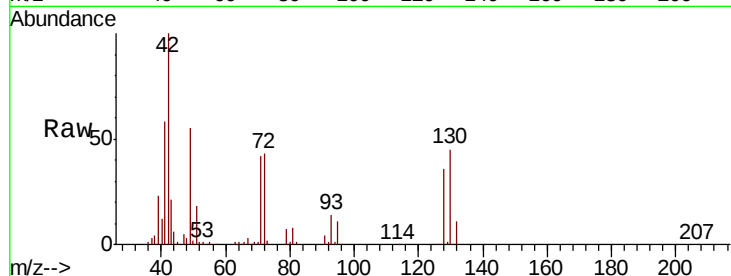




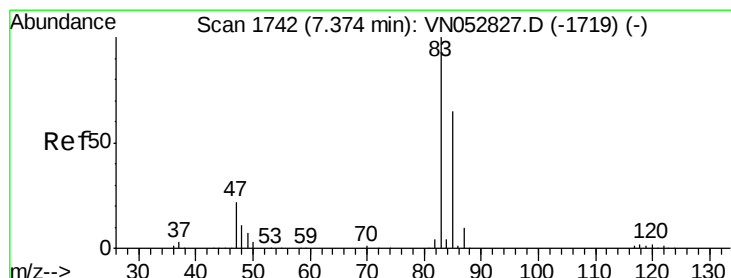
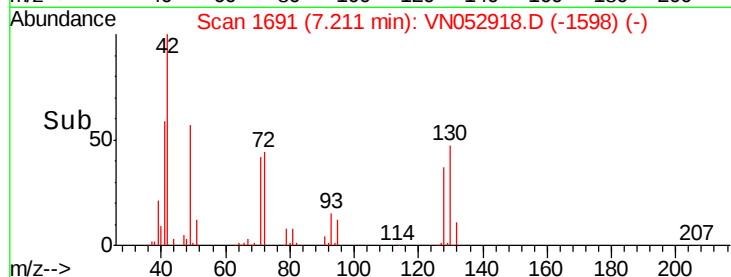
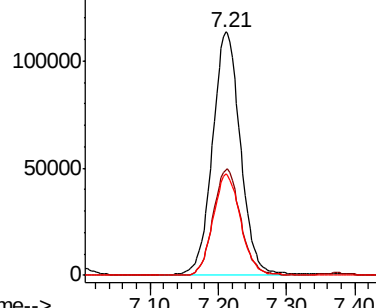
#29
Tetrahydrofuran
Concen: 100.965 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Instrument :
MSVOA_N
ClientSampled :
VN1217WBS01

Tot Ion: 42 Resp: 324248
Ion Ratio Lower Upper
42 100
72 42.7 34.7 52.1
71 40.9 32.3 48.5

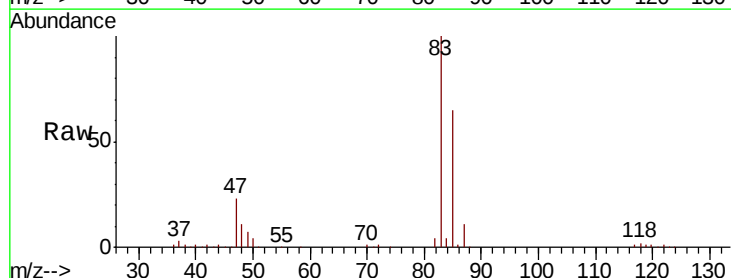


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

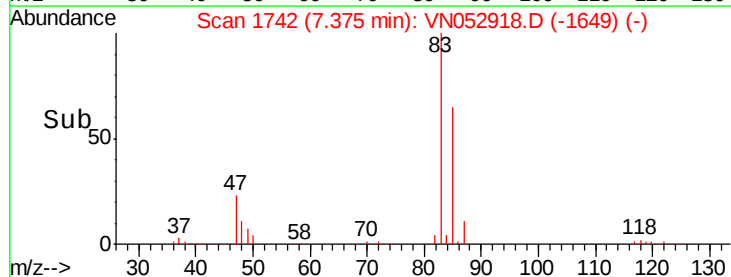
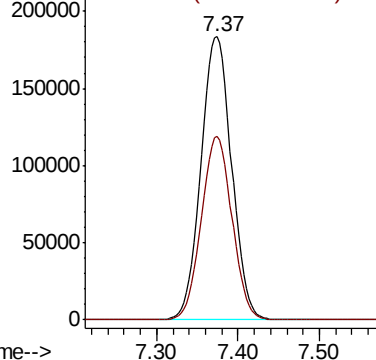


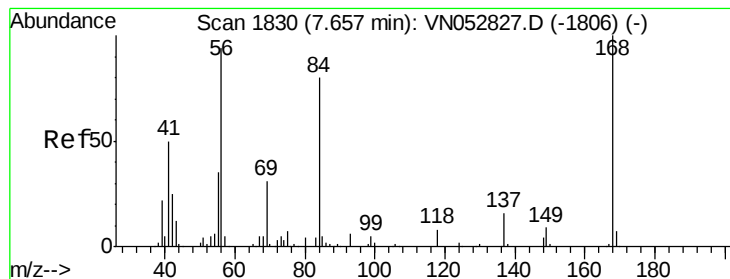
#30
Chloroform
Concen: 21.066 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 83 Resp: 481804
Ion Ratio Lower Upper
83 100
85 64.9 52.1 78.1



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





#31

Cyclohexane

Concen: 20.568 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampled :

VN1217WBS01

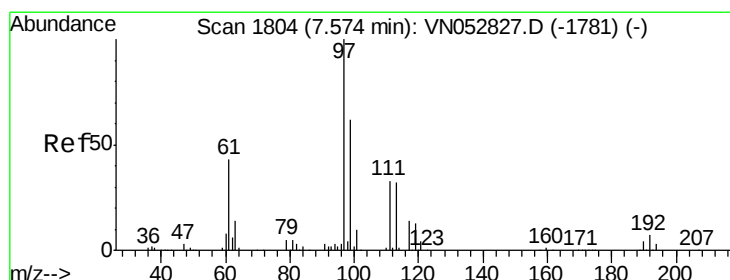
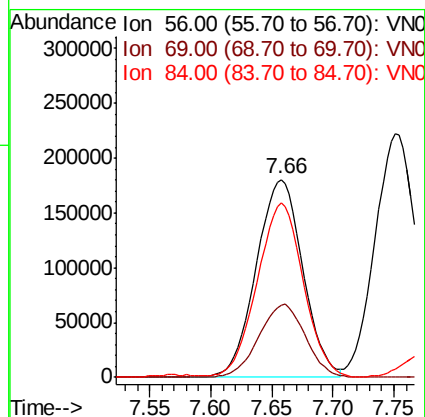
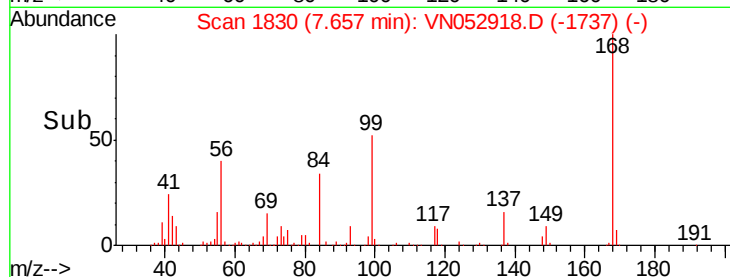
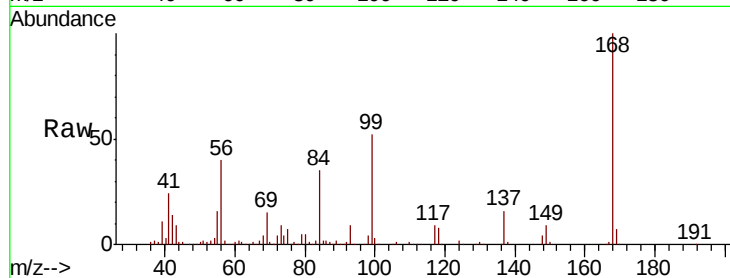
Tot Ion: 56 Resp: 478309

Ion Ratio Lower Upper

56 100

69 36.4 26.6 39.8

84 86.9 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 20.902 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

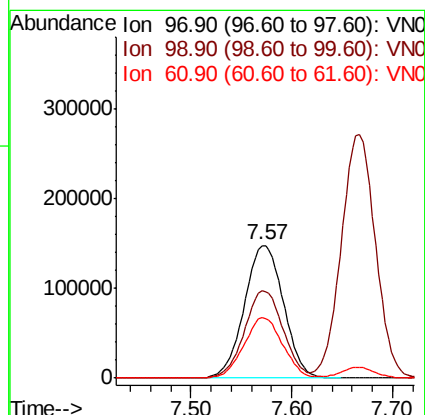
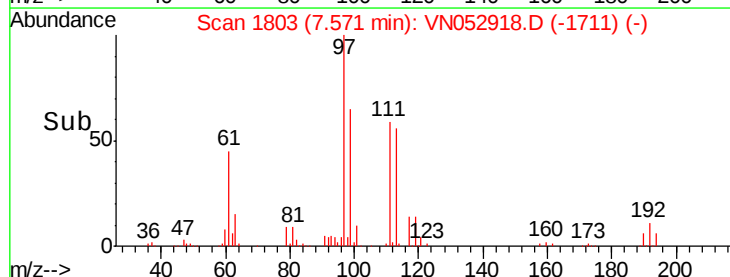
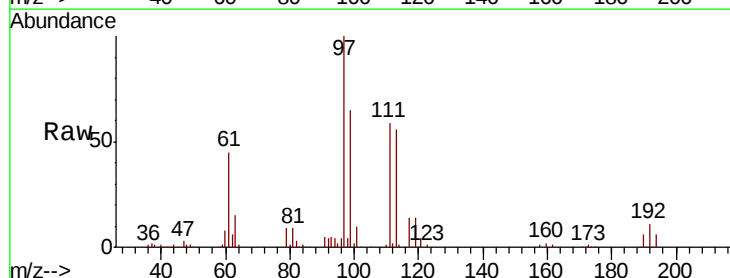
Tgt Ion: 97 Resp: 399981

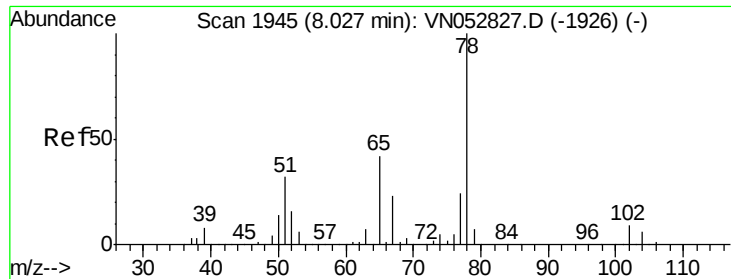
Ion Ratio Lower Upper

97 100

99 64.9 51.1 76.7

61 45.1 35.0 52.6

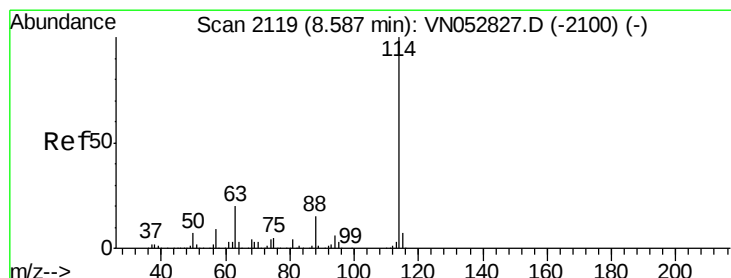
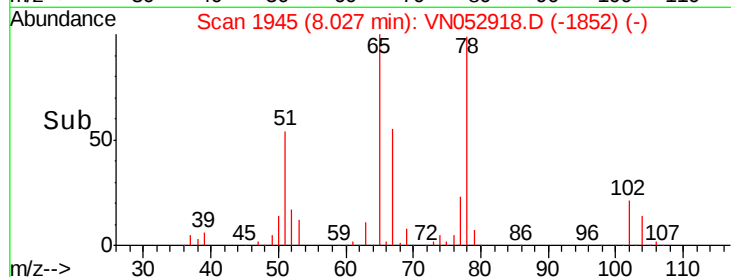
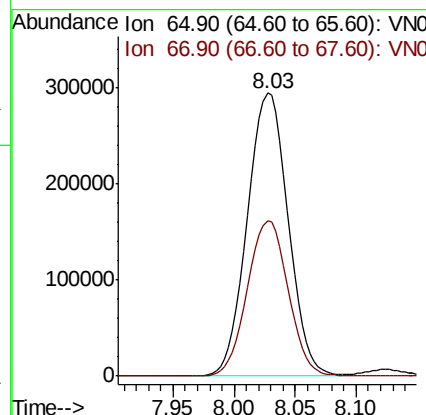
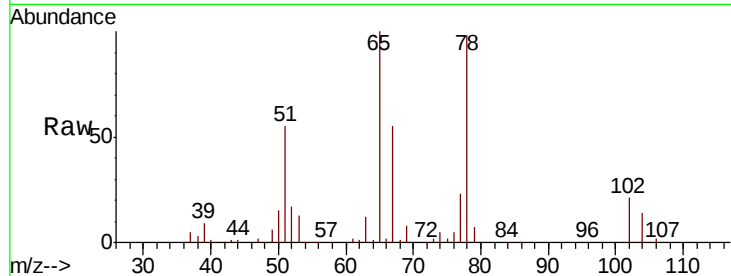




#33
 1,2-Dichloroethane-d4
 Concen: 20.902 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

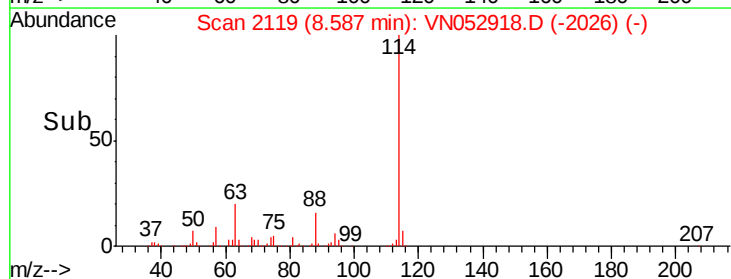
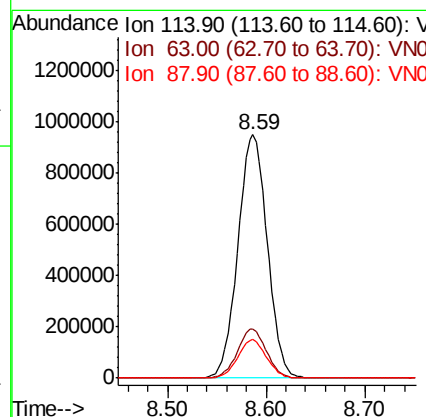
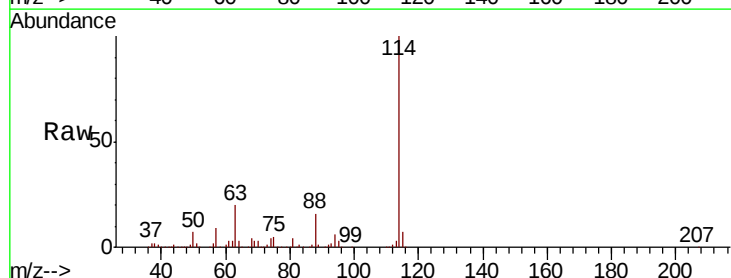
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

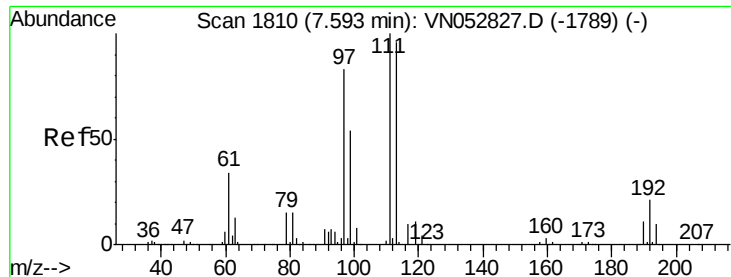
Tot Ion: 65 Resp: 685011
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

Tgt Ion: 114 Resp: 1962547
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.8 0.0 31.0

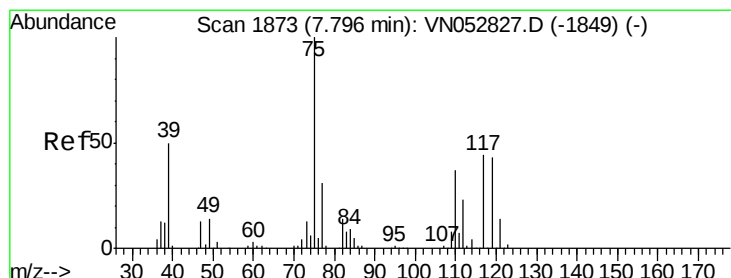
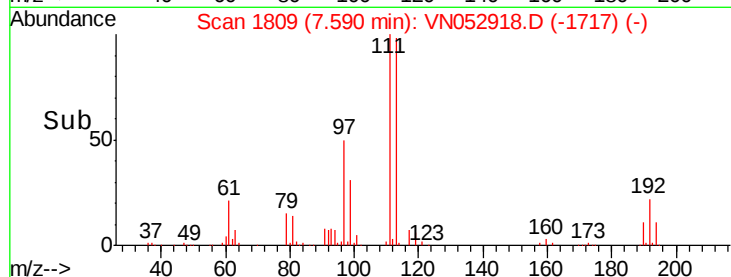
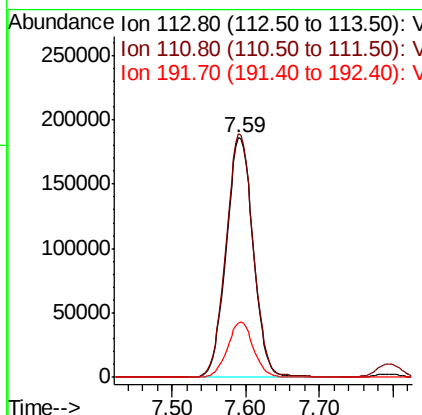
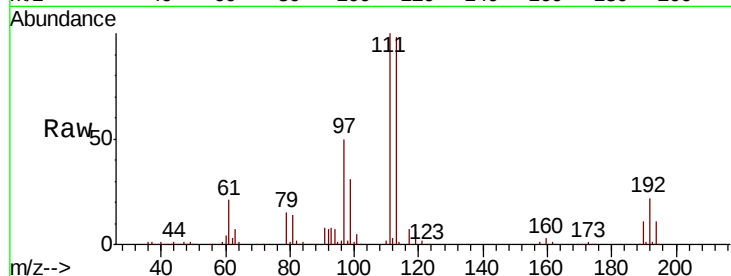




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

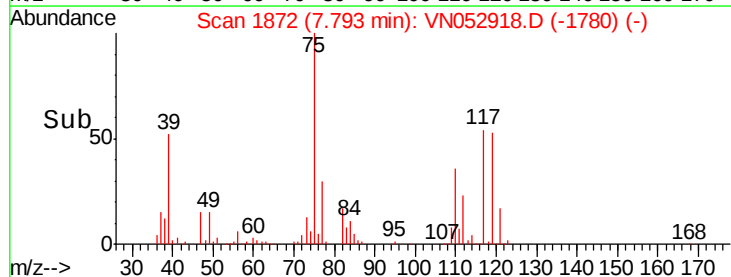
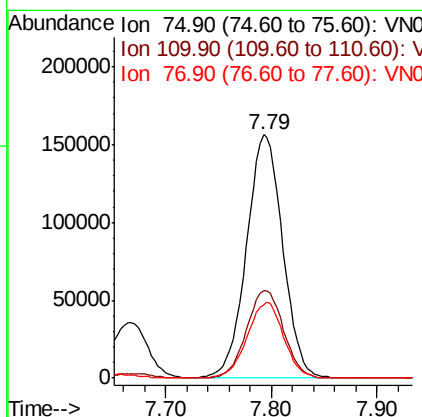
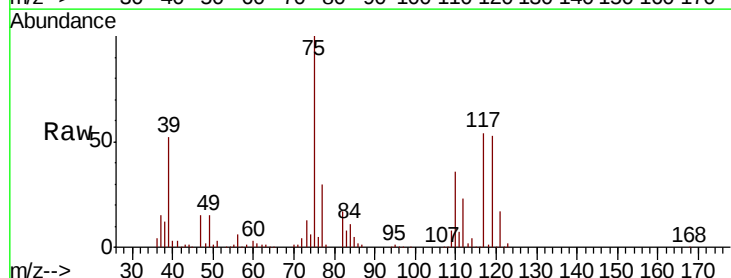
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

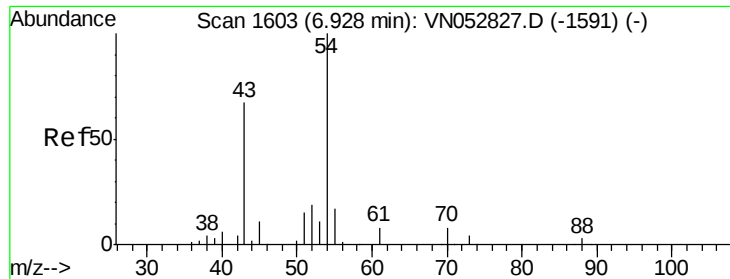
Tot Ion:113 Resp: 472479
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 22.1 17.5 26.3



#36
1,1-Dichloropropene
Concen: 20.571 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 75 Resp: 371772
Ion Ratio Lower Upper
75 100
110 37.0 18.2 54.6
77 31.6 24.9 37.3

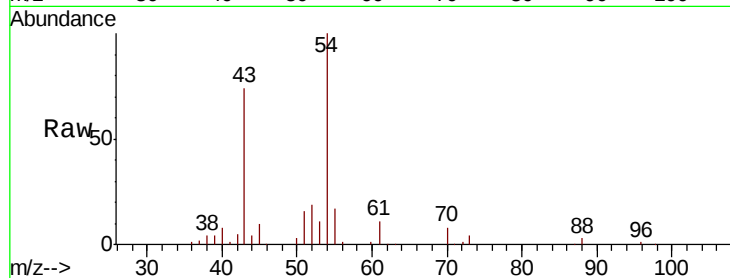




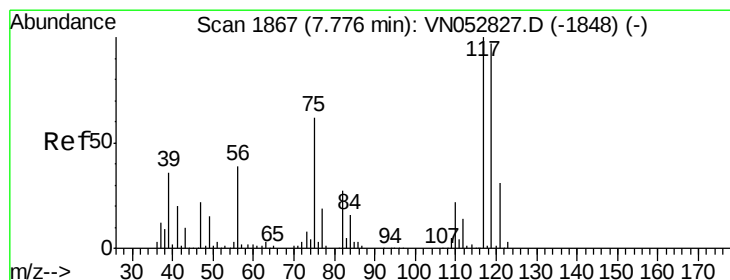
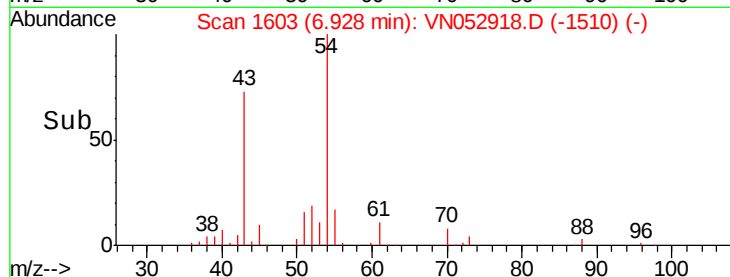
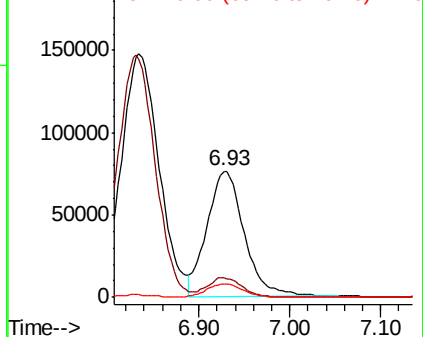
#37
Ethyl Acetate
Concen: 19.889 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Tot Ion: 43 Resp: 215932
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 10.8 8.4 12.6

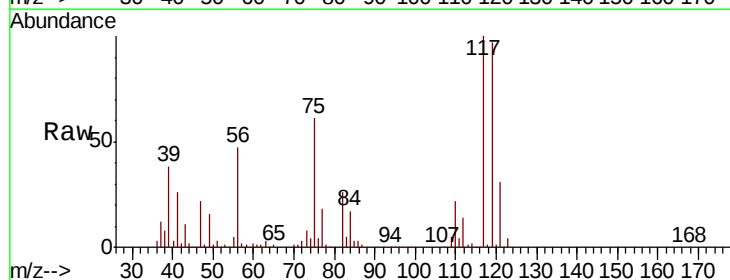


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

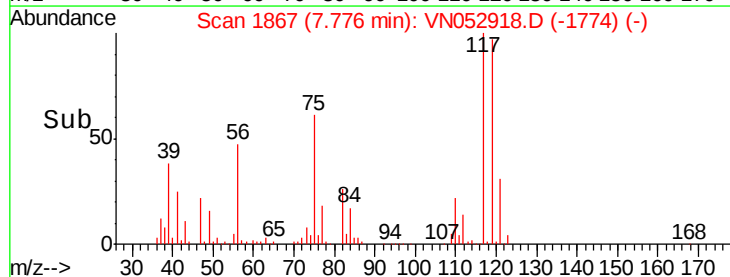
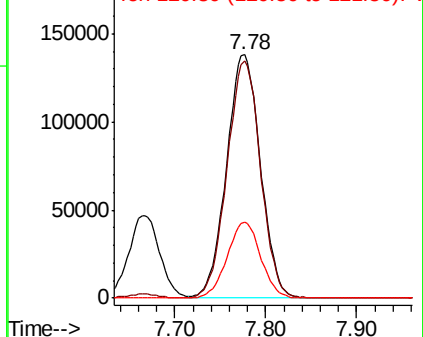


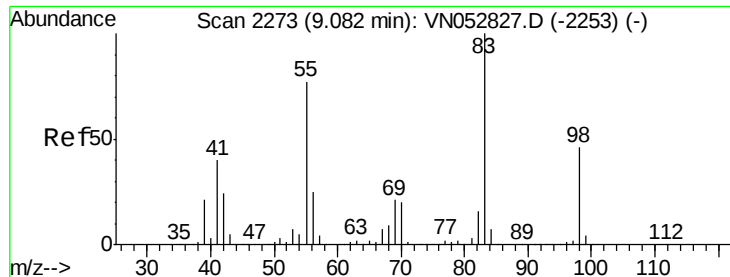
#38
Carbon Tetrachloride
Concen: 21.491 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 117 Resp: 357497
Ion Ratio Lower Upper
117 100
119 97.2 77.1 115.7
121 31.3 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

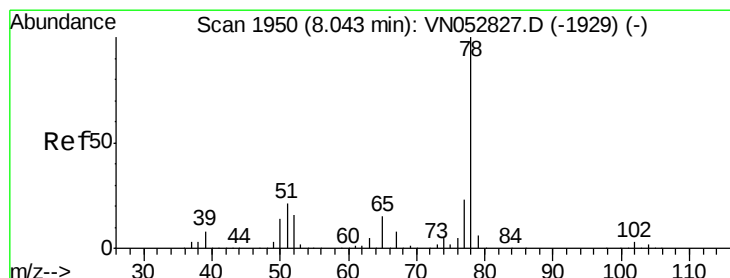
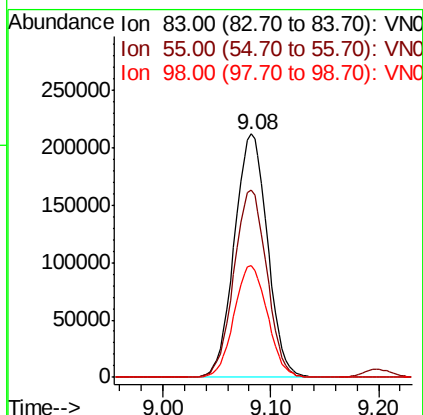
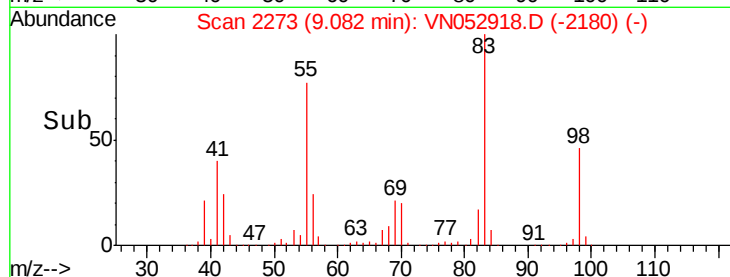
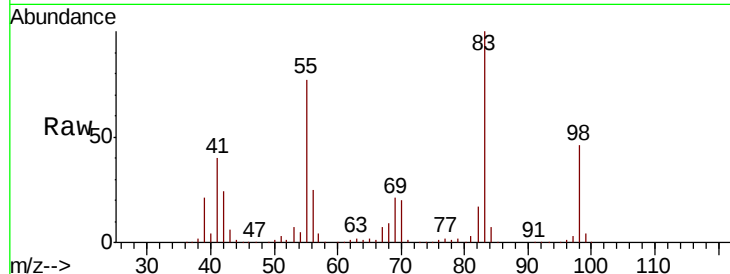




#39
Methvlcvclohexane
Concen: 20.315 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

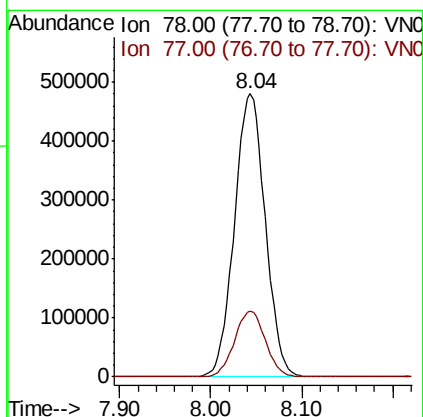
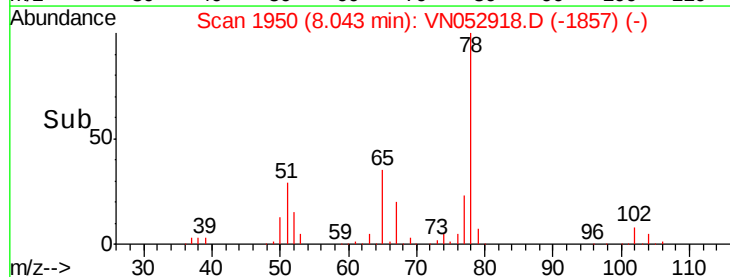
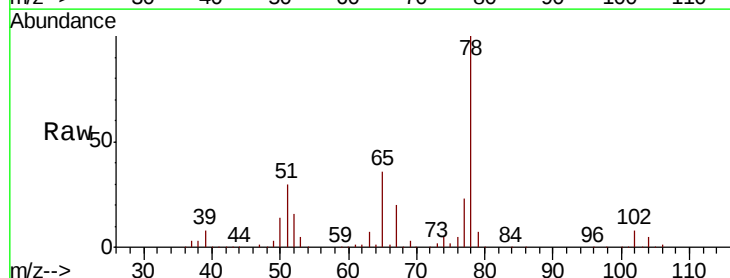
Instrument :
MSVOA_N
ClientSampled :
VN1217WBS01

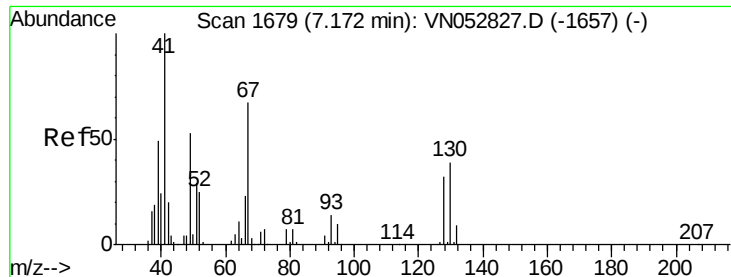
Tot Ion: 83 Resp: 450554
Ion Ratio Lower Upper
83 100
55 77.2 61.3 91.9
98 45.9 37.0 55.4



#40
Benzene
Concen: 20.836 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 78 Resp: 1130201
Ion Ratio Lower Upper
78 100
77 23.3 18.5 27.7

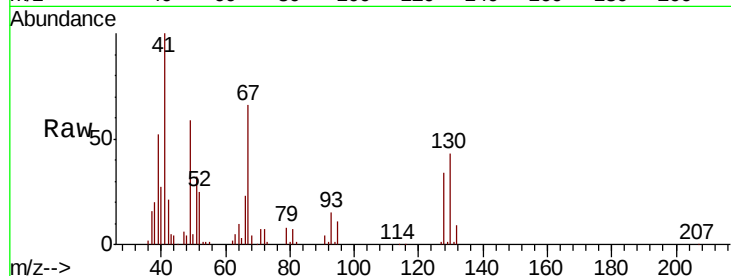




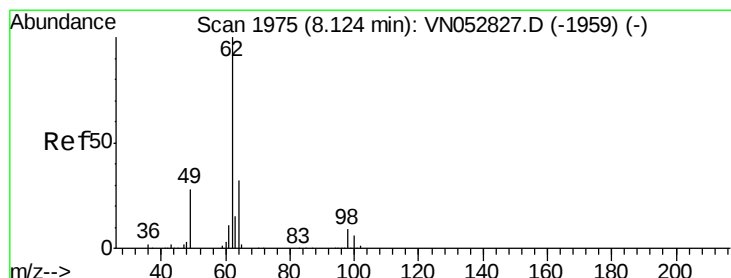
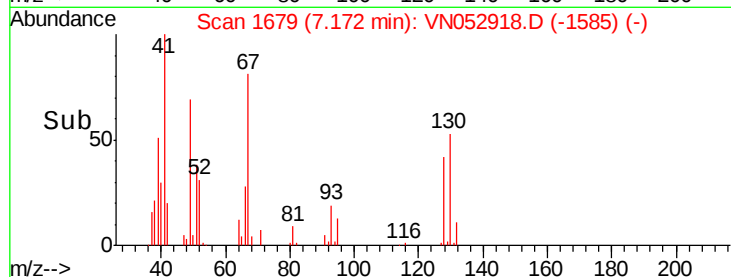
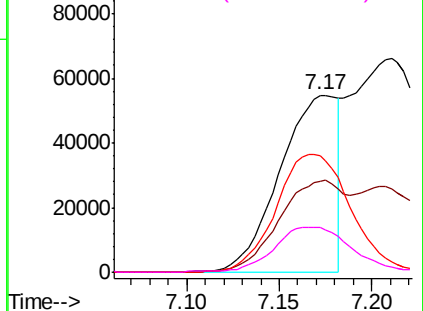
#41
Methacrylonitrile
Concen: 19.733 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Tot Ion:	41	Resp:	118701
Ion	Ratio	Lower	Upper
41	100		
39	59.7	48.0	72.0
67	87.0	70.3	105.5
52	34.7	26.9	40.3

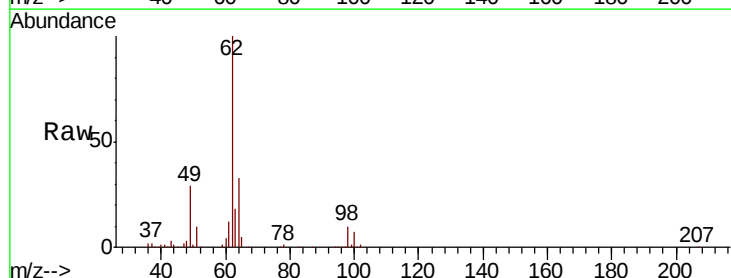


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

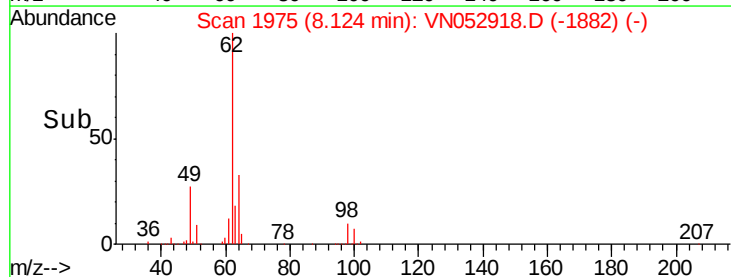
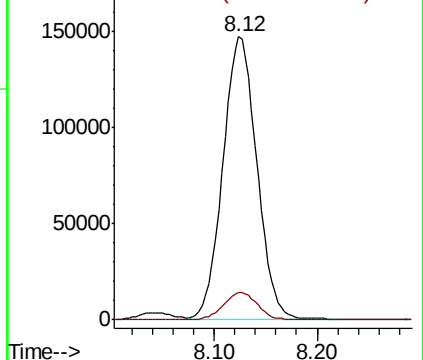


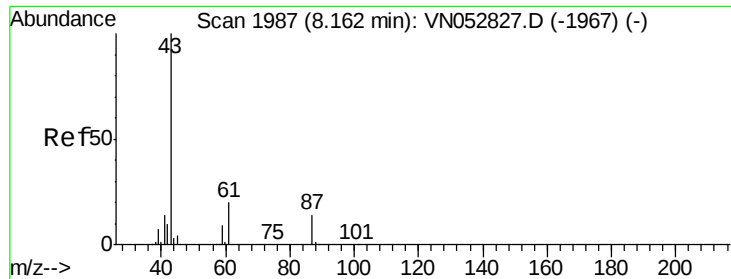
#42
1,2-Dichloroethane
Concen: 20.639 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion:	62	Resp:	337035
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 18.163 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

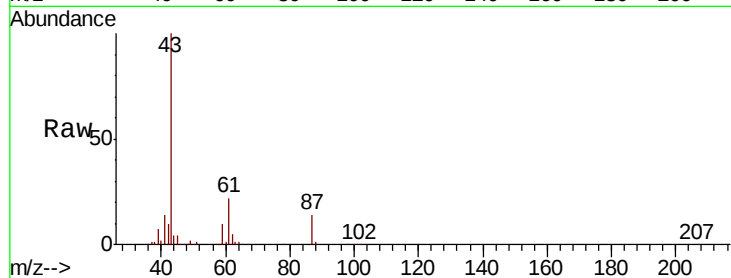
Tot Ion: 43 Resp: 404291

Ion Ratio Lower Upper

43 100

61 29.3 22.9 34.3

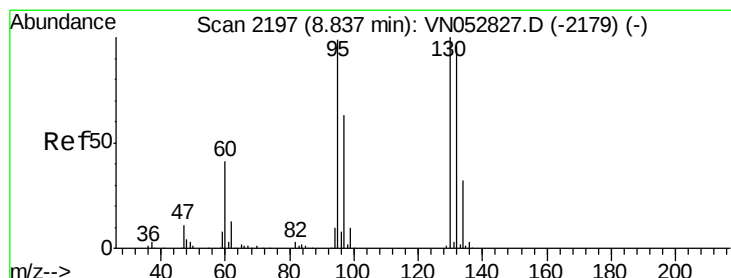
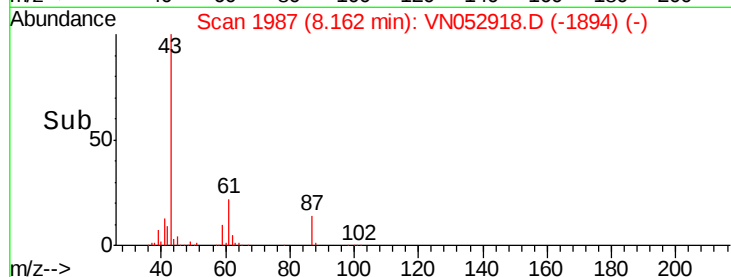
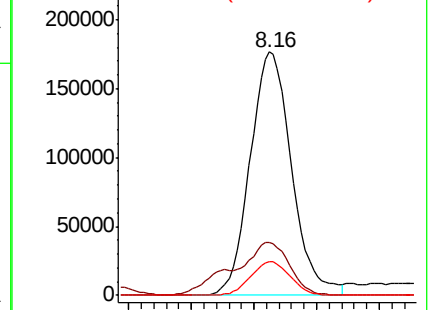
87 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)



#44

Trichloroethene

Concen: 22.292 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052918.D

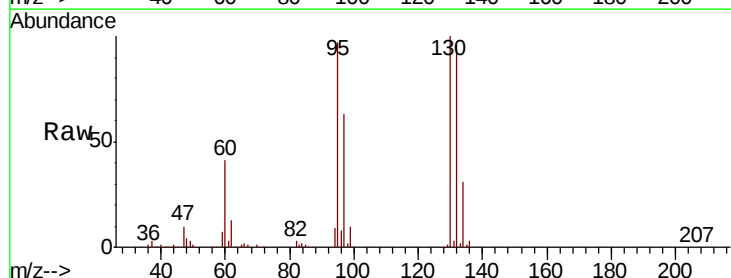
Acq: 17 Dec 2018 11:10

Tgt Ion:130 Resp: 326601

Ion Ratio Lower Upper

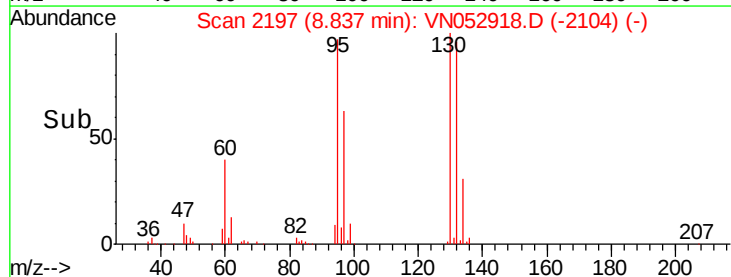
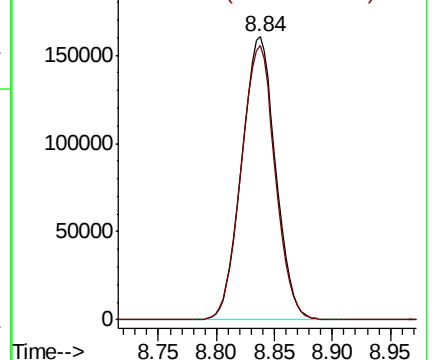
130 100

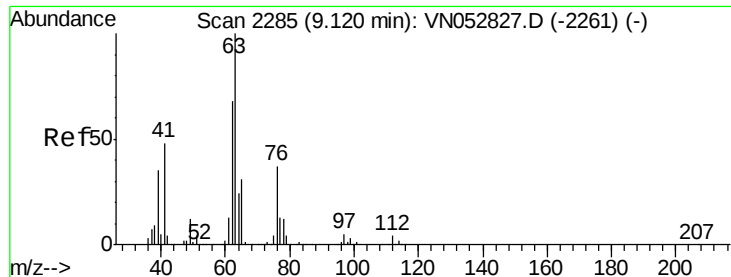
95 96.8 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052827.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052827.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 20.925 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

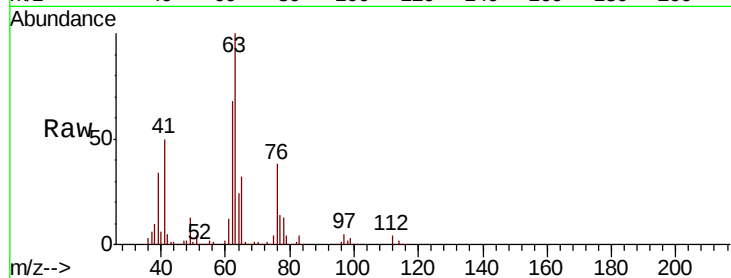
VN1217WBS01

Tot Ion: 63 Resp: 297284

Ion Ratio Lower Upper

63 100

65 31.7 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

150000

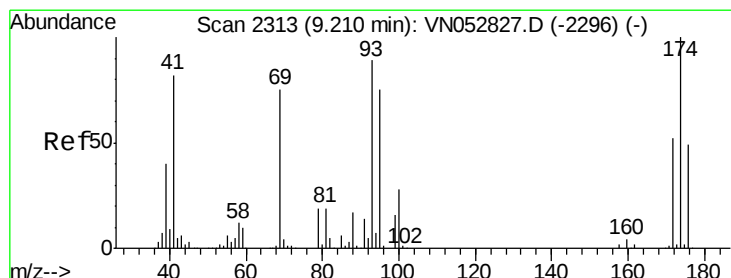
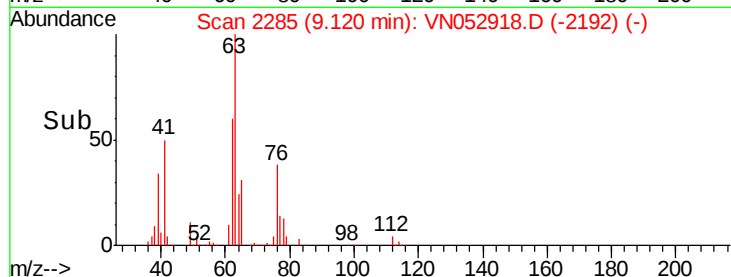
100000

50000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 20.557 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

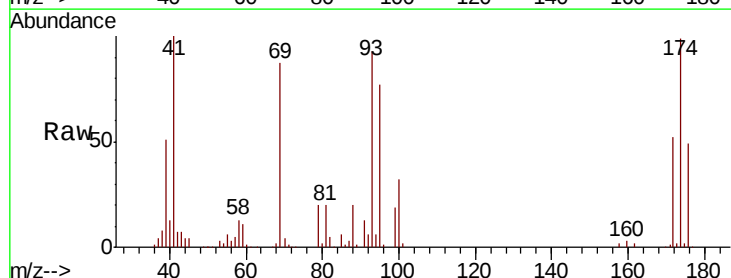
Tgt Ion: 93 Resp: 169376

Ion Ratio Lower Upper

93 100

95 84.0 67.8 101.6

174 110.7 89.0 133.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

60000

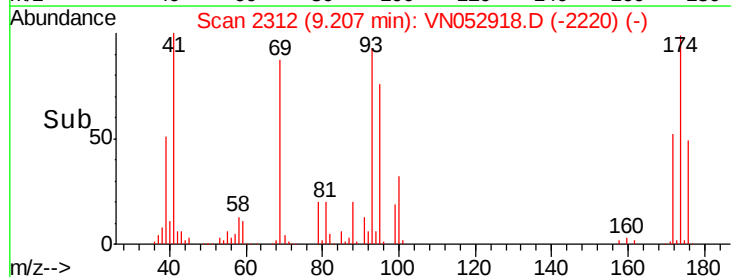
40000

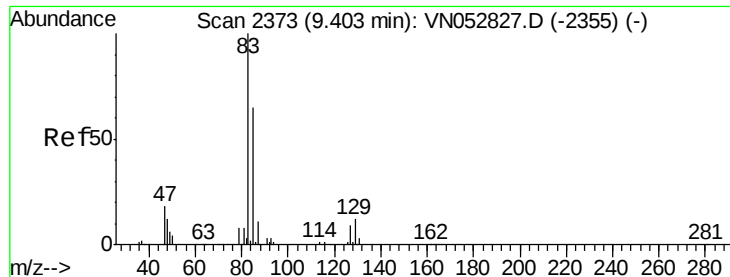
20000

0

9.10 9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 21.623 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

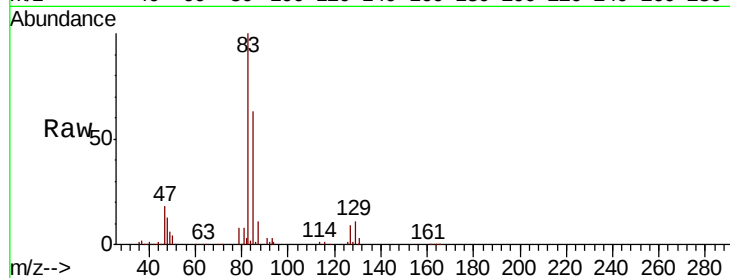
Tot Ion: 83 Resp: 369446

Ion Ratio Lower Upper

83 100

85 63.2 51.6 77.4

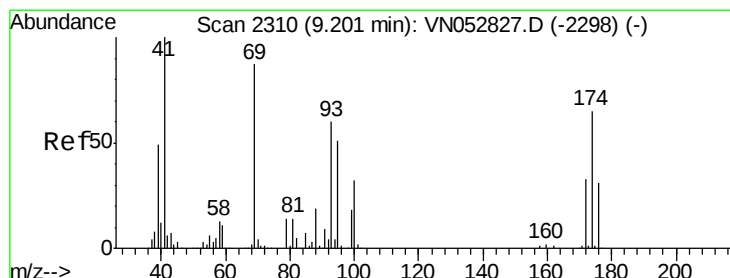
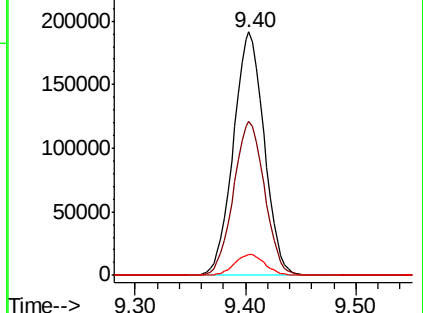
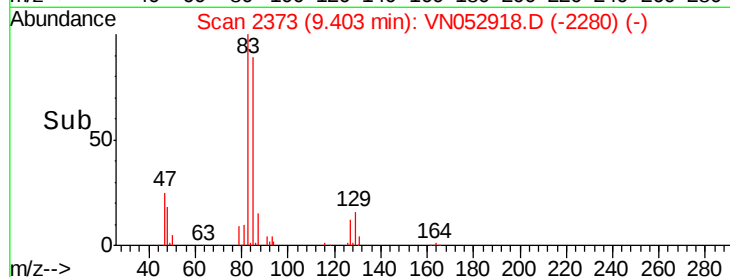
127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN052918.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052918.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052918.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.528 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

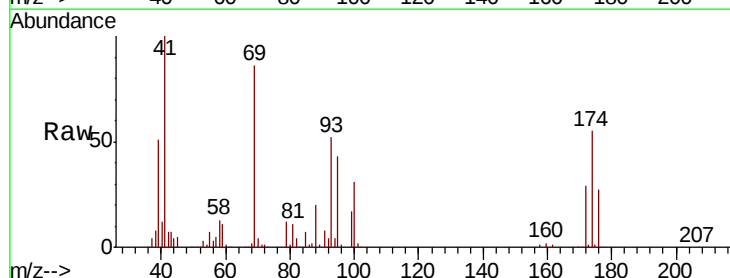
Tgt Ion: 41 Resp: 200384

Ion Ratio Lower Upper

41 100

69 90.4 72.2 108.2

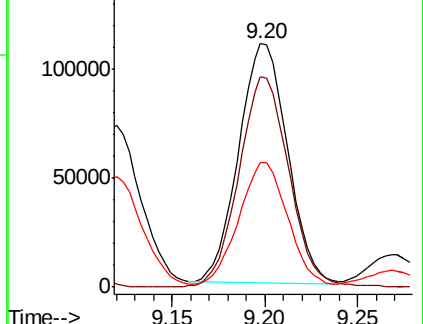
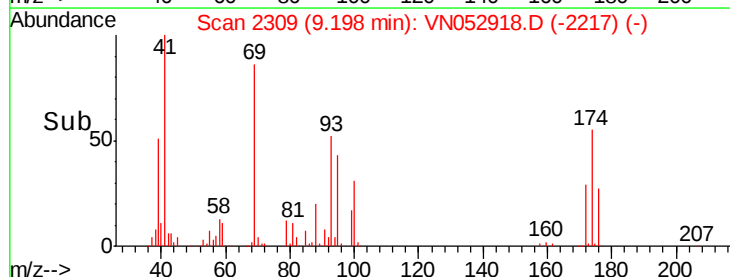
39 53.2 41.9 62.9

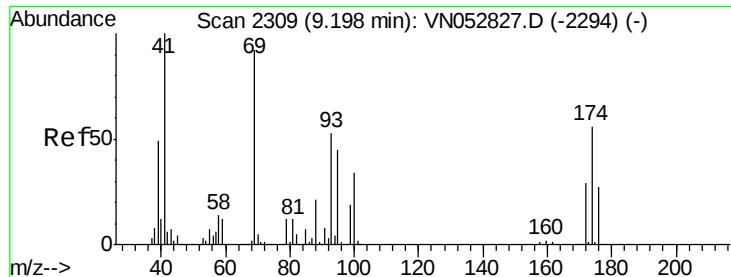


Abundance Ion 41.00 (40.70 to 41.70): VN052918.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN052918.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN052918.D (-2217) (-)

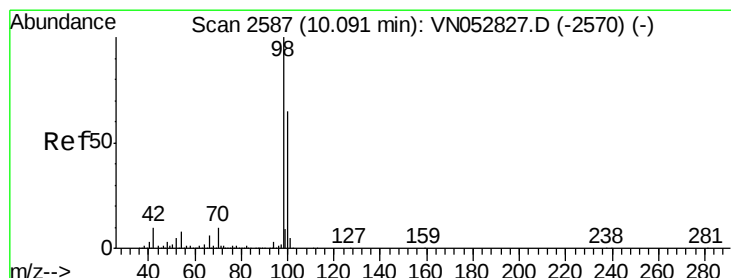
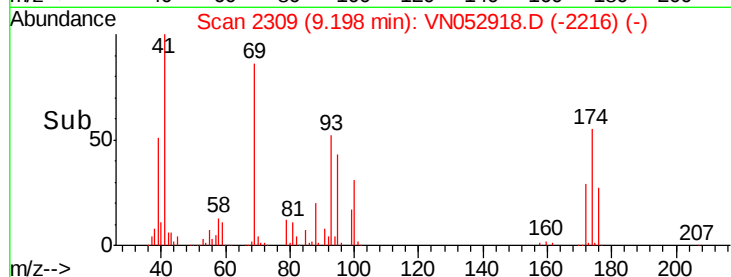
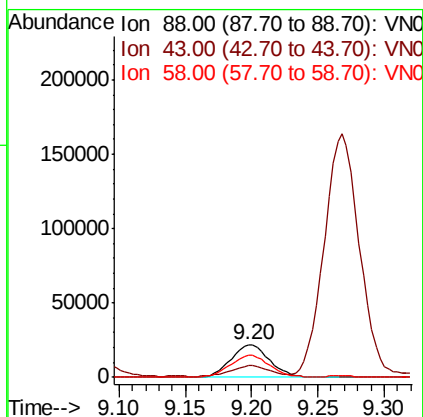
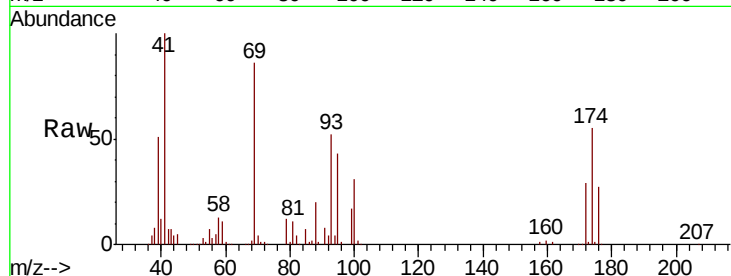




#49
1,4-Dioxane
Concen: 402.613 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

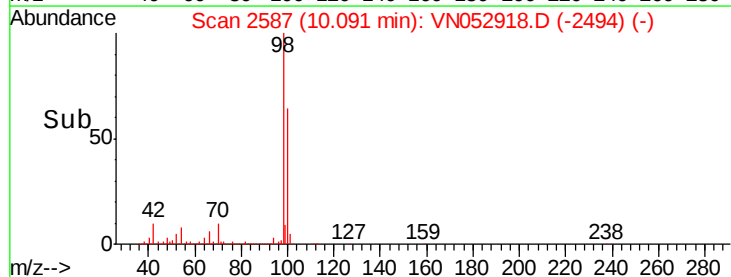
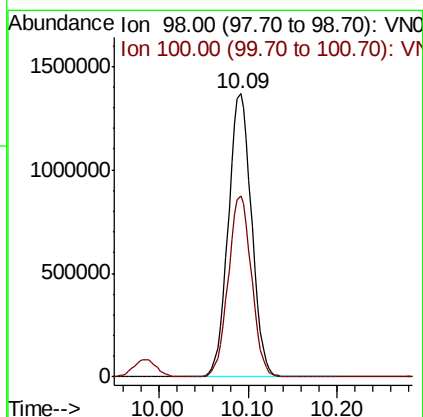
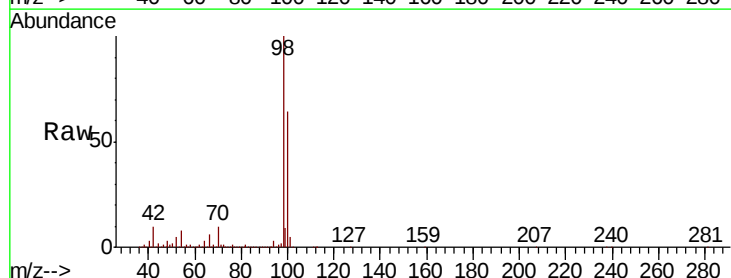
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

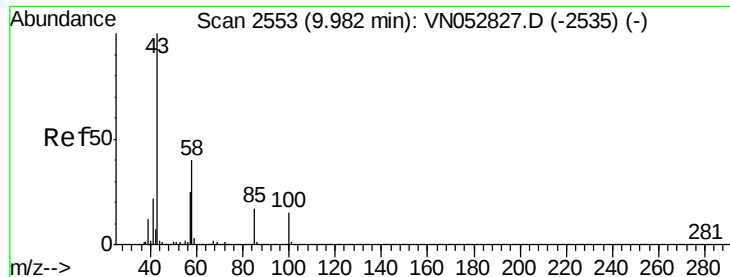
Tot Ion: 88 Resp: 44611
Ion Ratio Lower Upper
88 100
43 32.9 26.6 40.0
58 69.1 58.4 87.6



#50
Toluene-d8
Concen: 402.613 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 98 Resp: 2465576
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

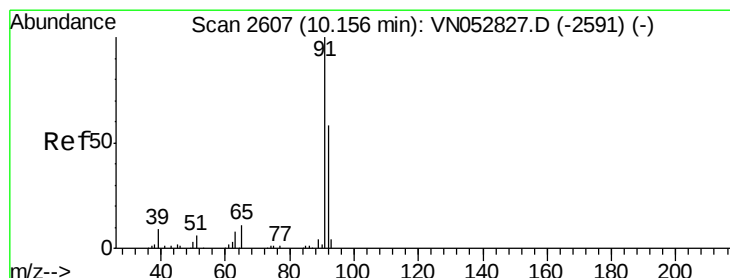
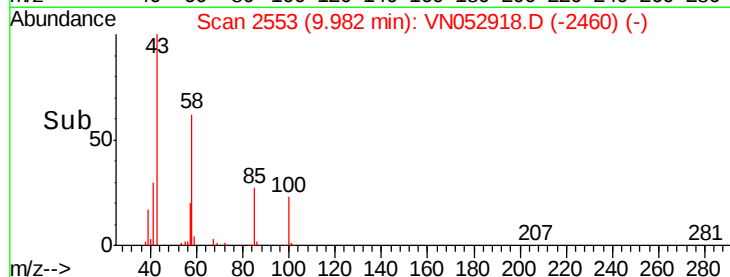
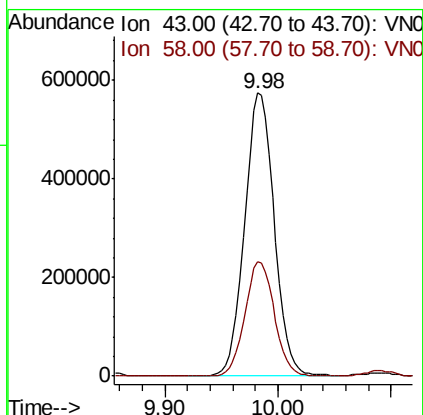
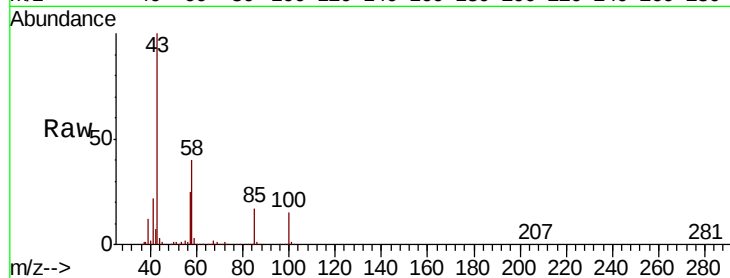




#51
 4-Methyl-2-Pentanone
 Concen: 102.017 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

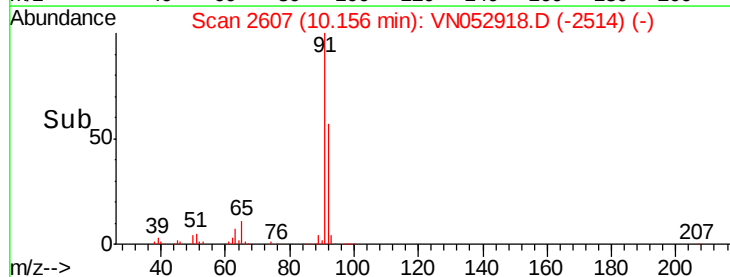
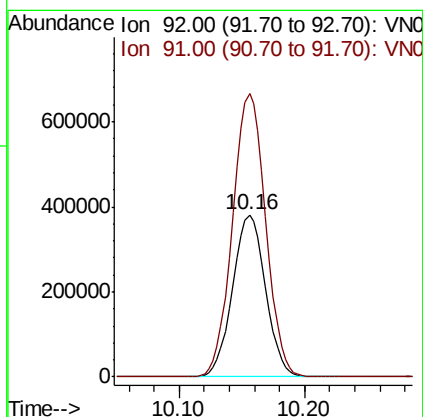
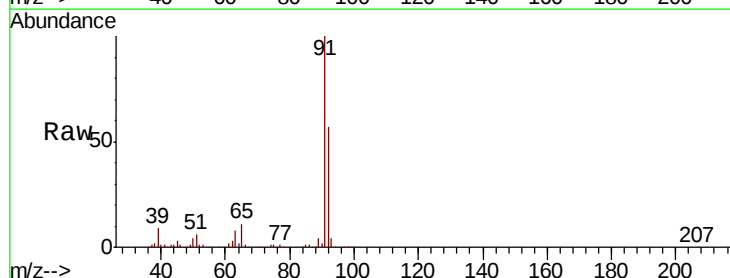
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

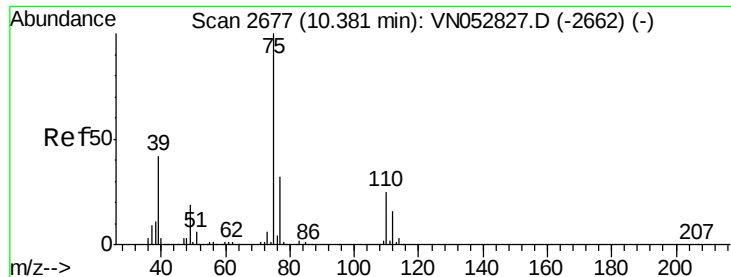
Tot Ion: 43 Resp: 1041271
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.2 48.4



#52
 Toluene
 Concen: 21.089 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

Tgt Ion: 92 Resp: 692819
 Ion Ratio Lower Upper
 92 100
 91 176.4 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 21.658 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

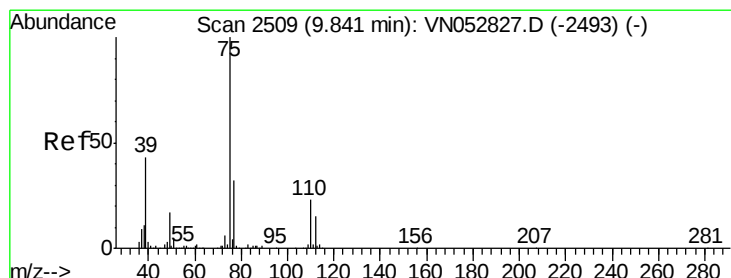
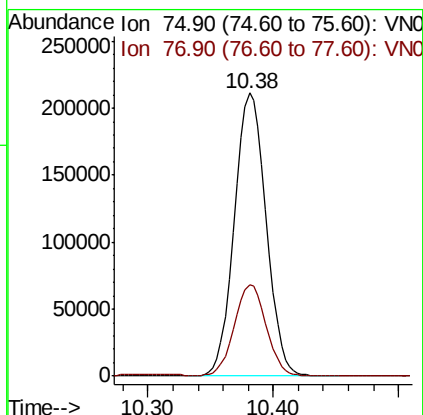
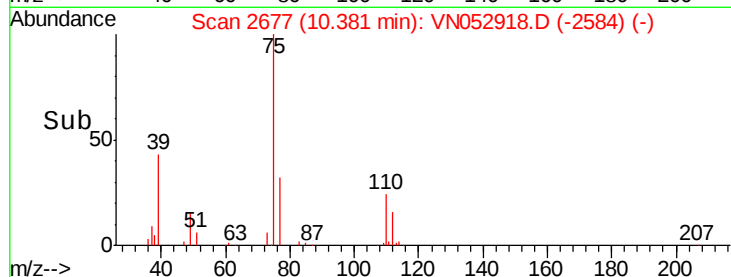
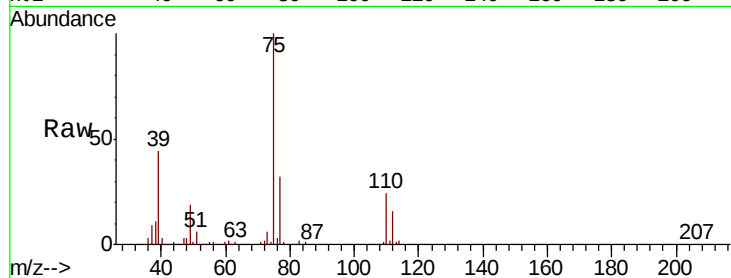
VN1217WBS01

Tot Ion: 75 Resp: 372385

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 21.414 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

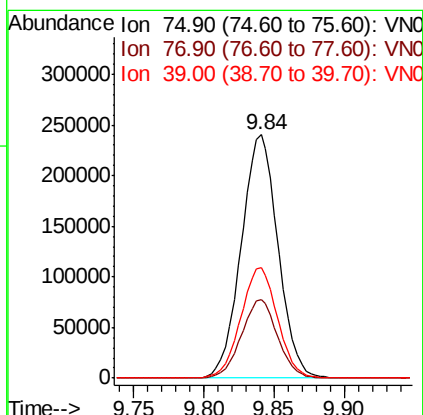
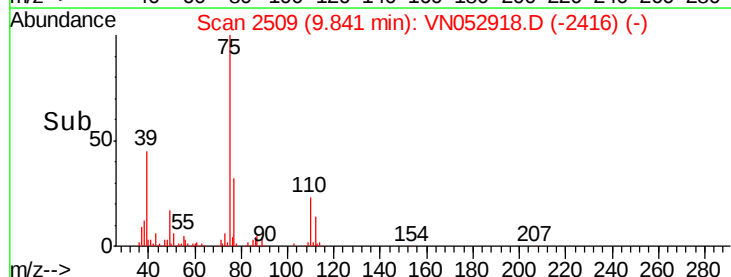
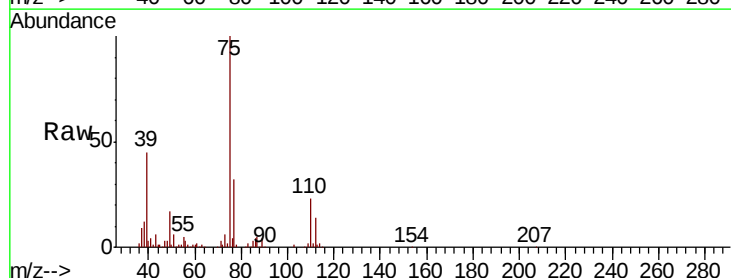
Tgt Ion: 75 Resp: 438735

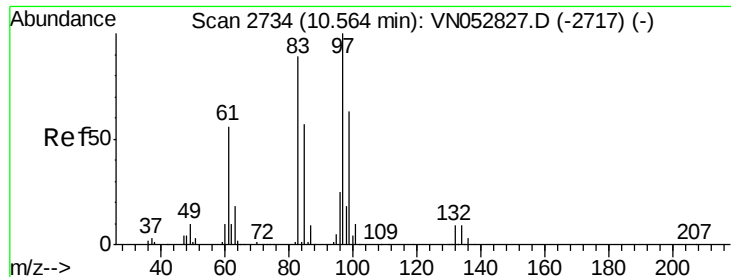
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

39 45.3 34.8 52.2





#55

1,1,2-Trichloroethane

Concen: 20.573 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

Tot Ion: 97 Resp: 241266

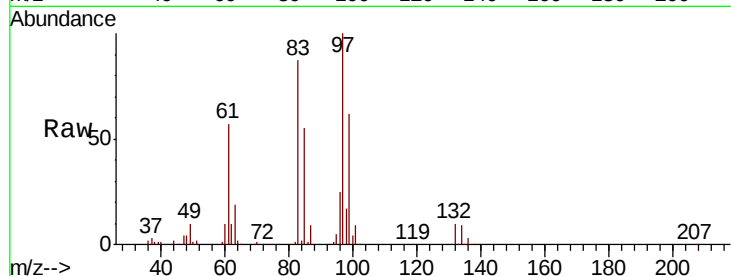
Ion Ratio Lower Upper

97 100

83 87.3 70.9 106.3

85 55.3 45.4 68.2

99 61.6 50.4 75.6



Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

100000

50000

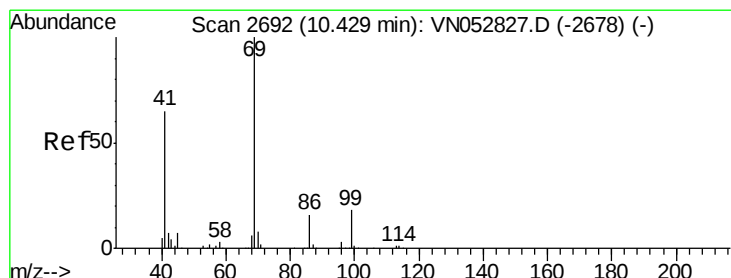
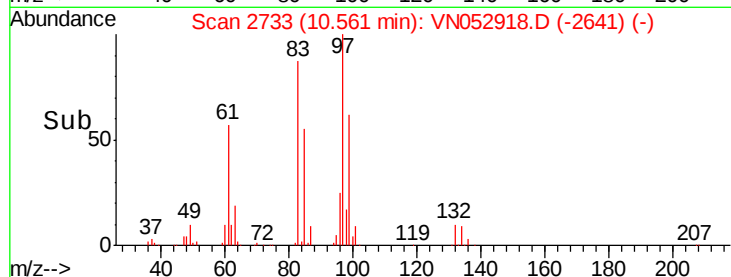
0

10.56

10.55

10.60

Time-->



#56

Ethyl methacrylate

Concen: 20.653 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

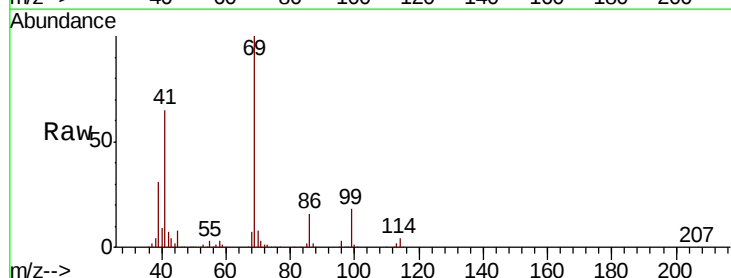
Tgt Ion: 69 Resp: 310825

Ion Ratio Lower Upper

69 100

41 64.6 51.7 77.5

39 30.7 24.6 37.0



Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

250000

200000

150000

100000

50000

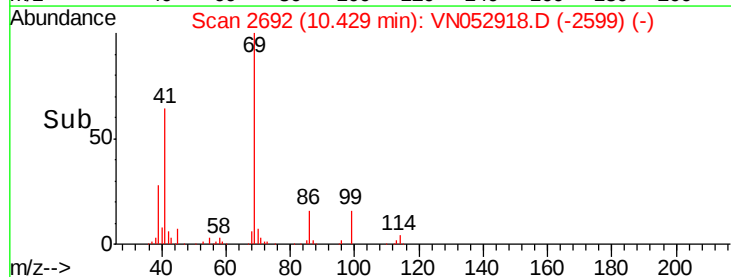
0

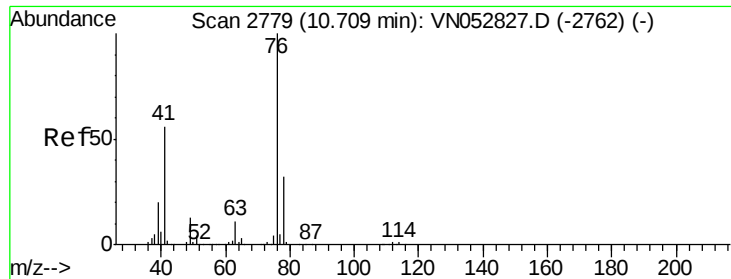
10.43

10.40

10.50

Time-->

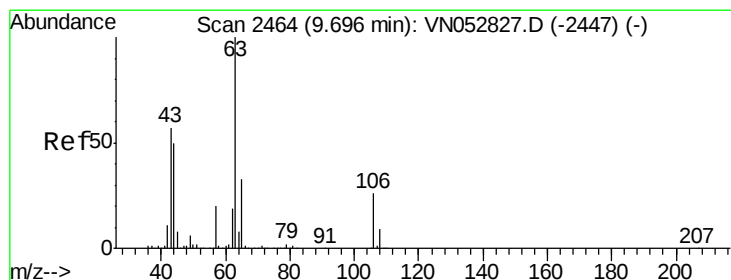
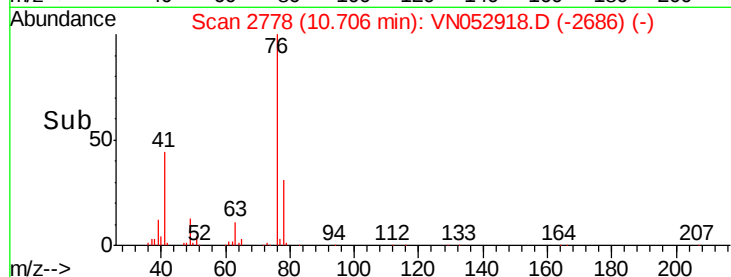
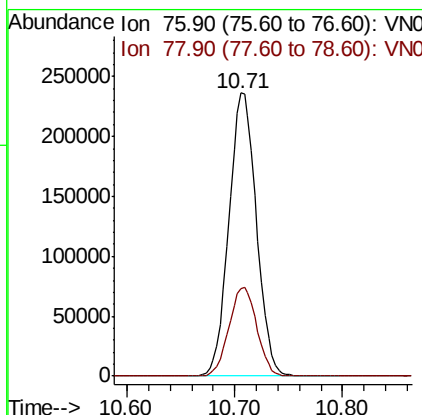
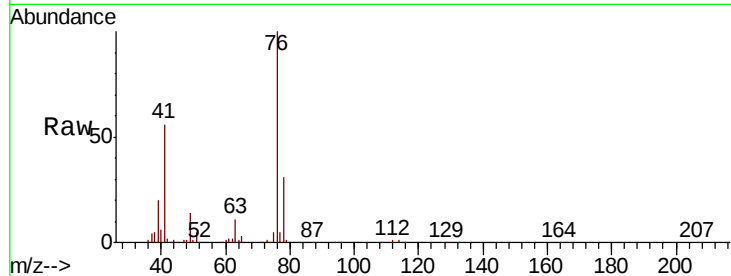




#57
 1,3-Dichloropropane
 Concen: 20.862 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

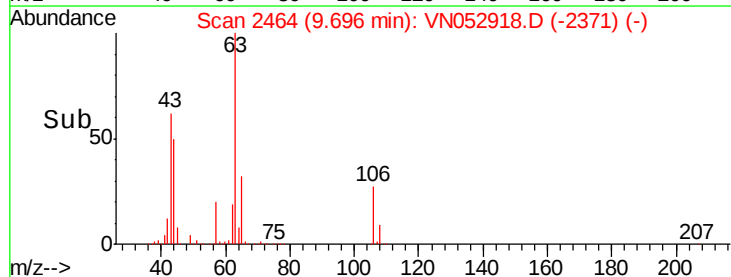
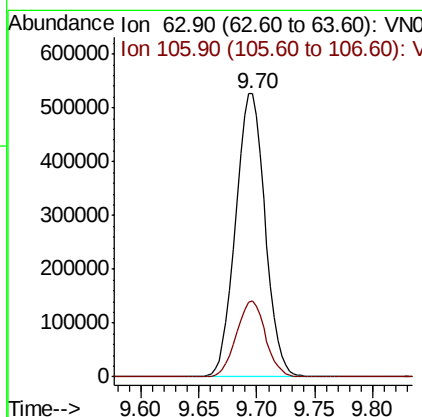
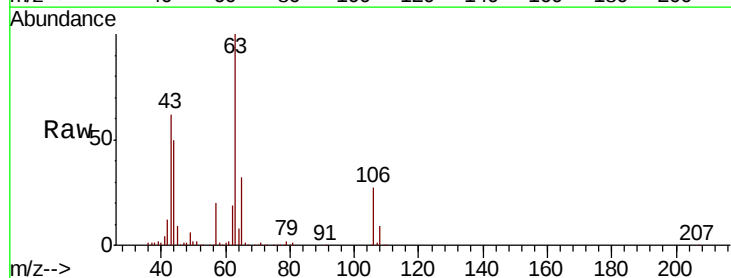
Instrument :
 MSVOA_N
 ClientSampled :
 VN1217WBS01

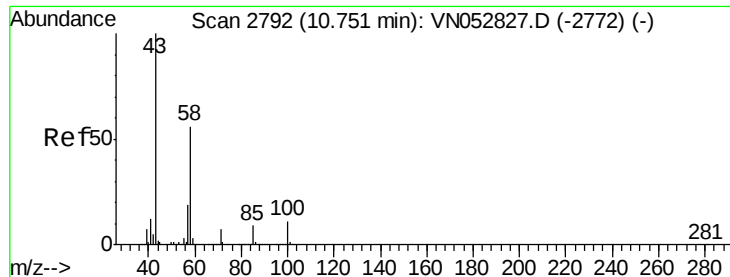
Tot Ion: 76 Resp: 419543
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.439 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

Tgt Ion: 63 Resp: 927432
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.6

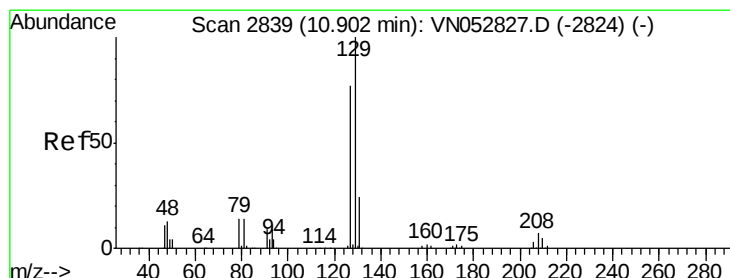
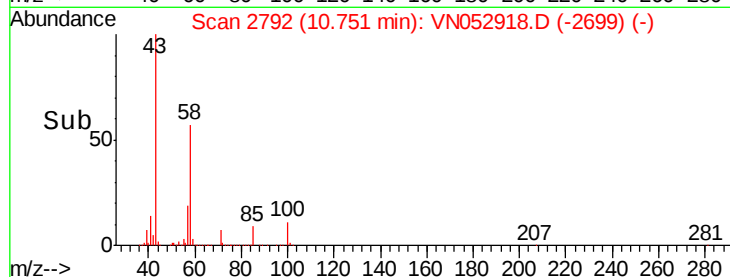
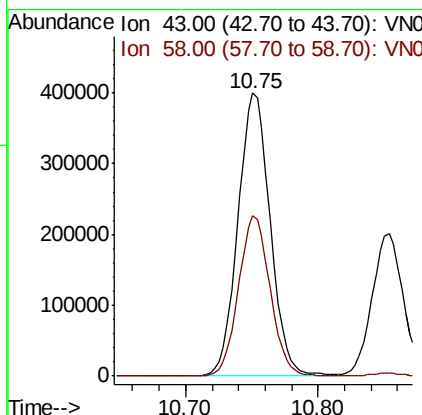
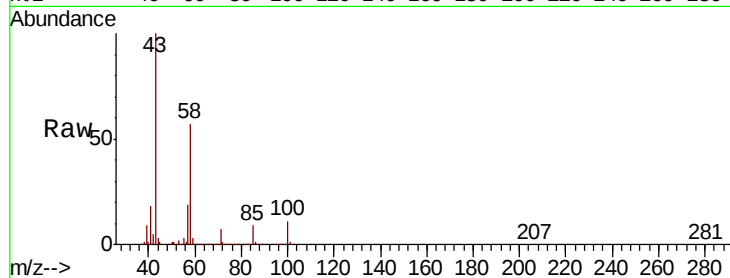




#59
2-Hexanone
Concen: 96.064 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

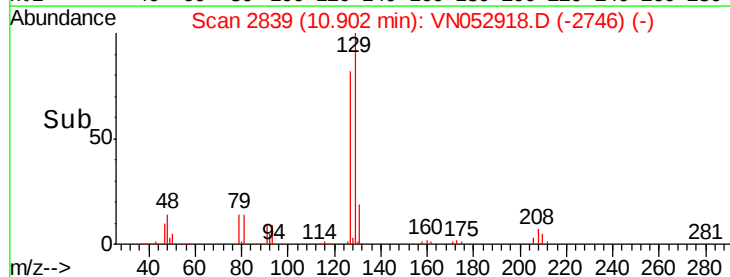
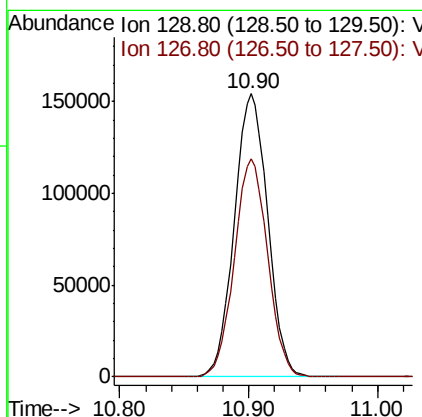
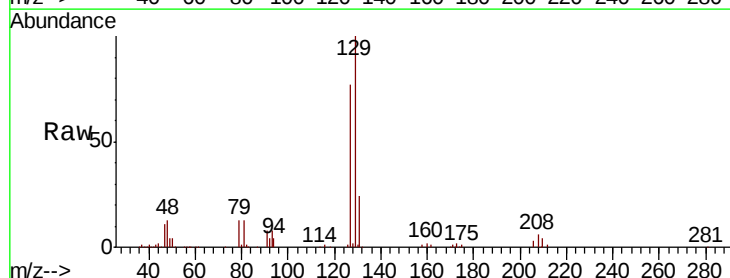
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

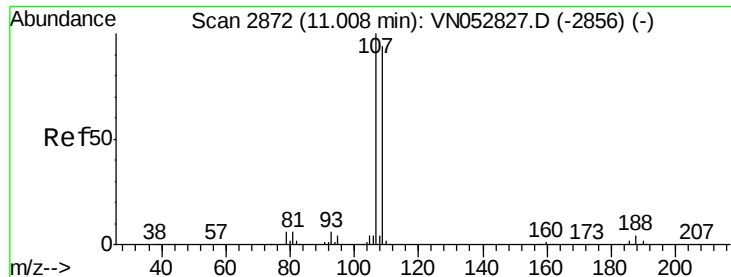
Tot Ion: 43 Resp: 671966
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 21.885 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 129 Resp: 277380
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

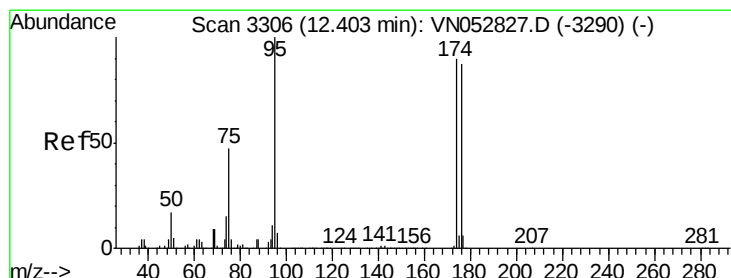
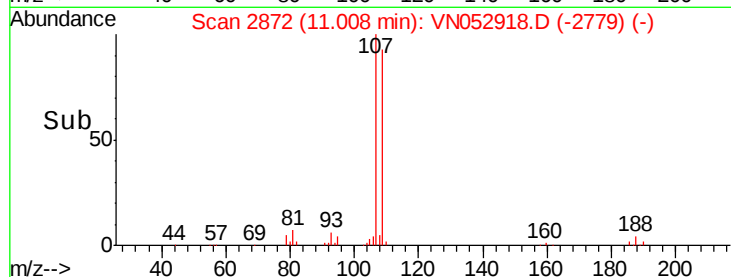
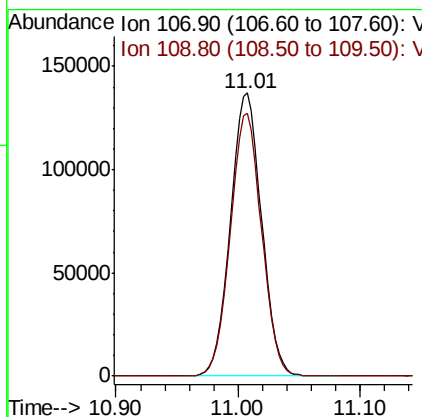
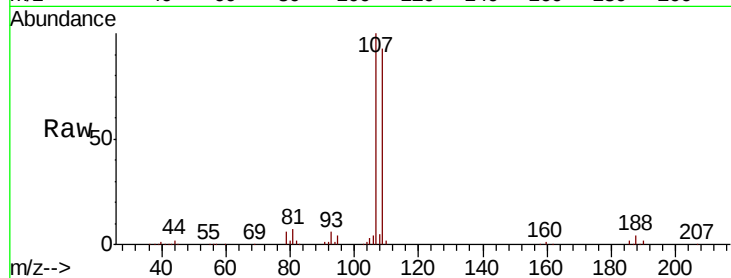




#61
 1,2-Dibromoethane
 Concen: 20.991 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

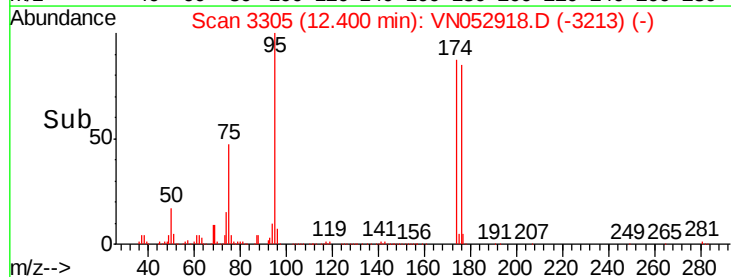
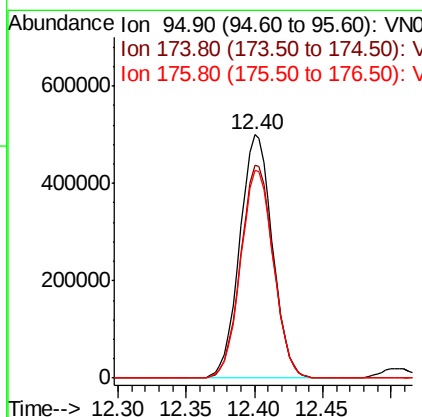
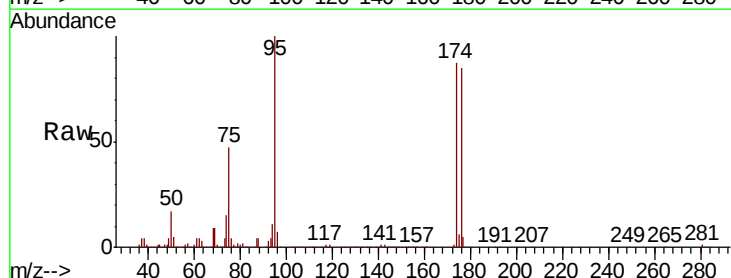
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

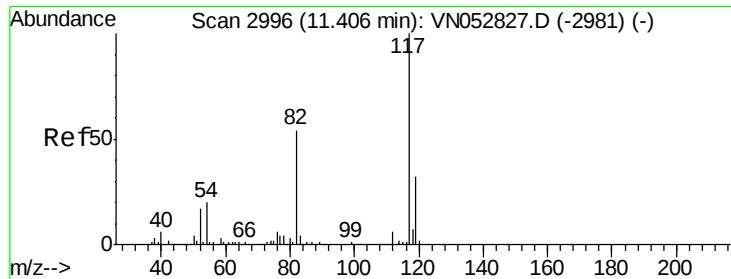
Tot Ion:107 Resp: 243325
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 20.991 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052918.D
 Acq: 17 Dec 2018 11:10

Tgt Ion: 95 Resp: 831779
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 178.8
 176 85.9 0.0 173.8

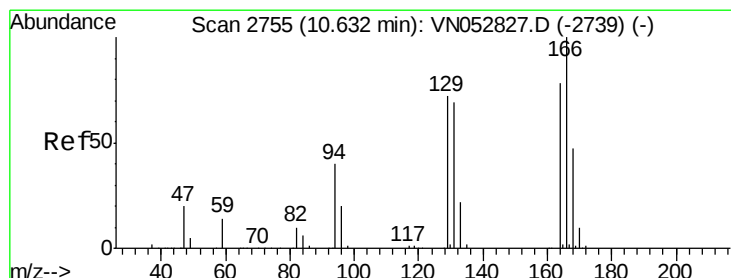
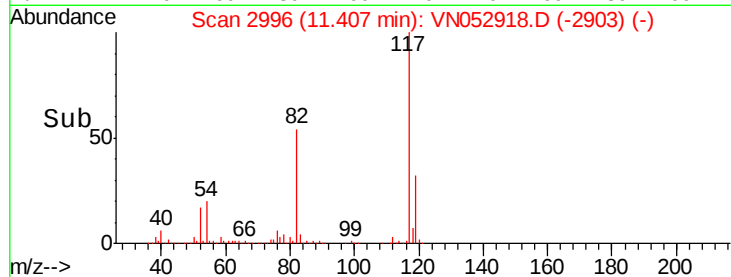
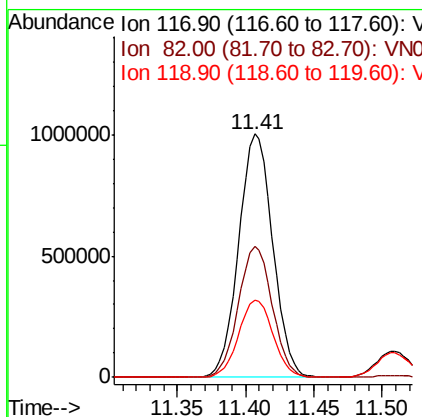
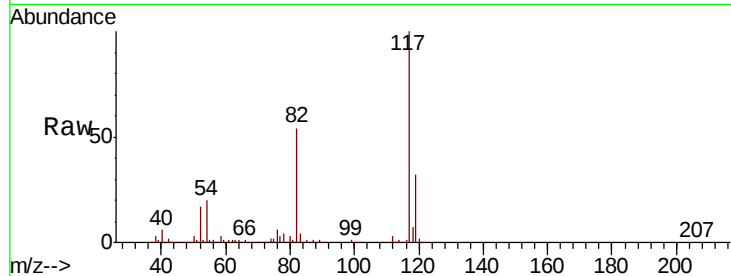




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

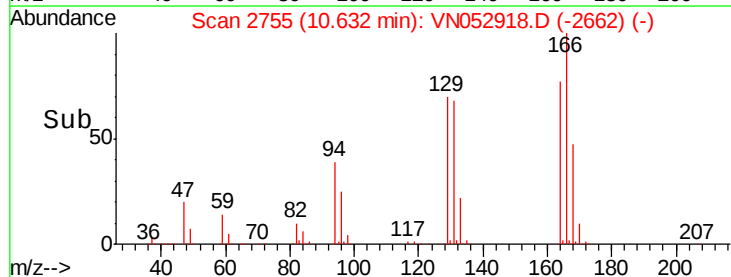
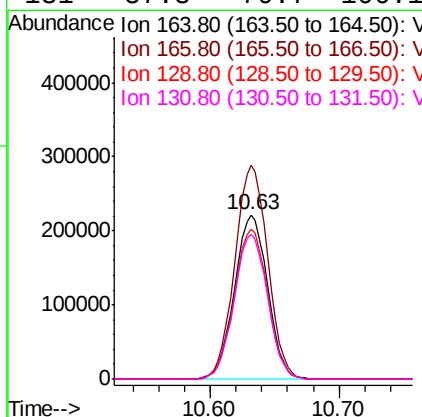
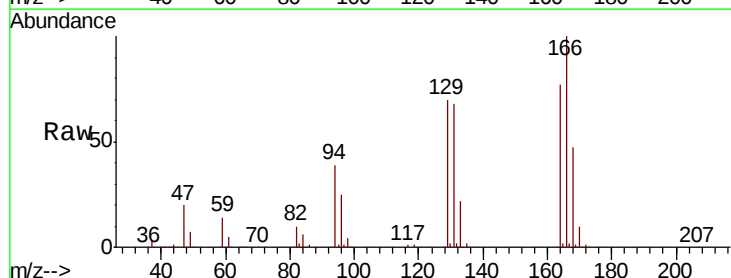
Instrument :
MSVOA_N
ClientSampled :
VN1217WBS01

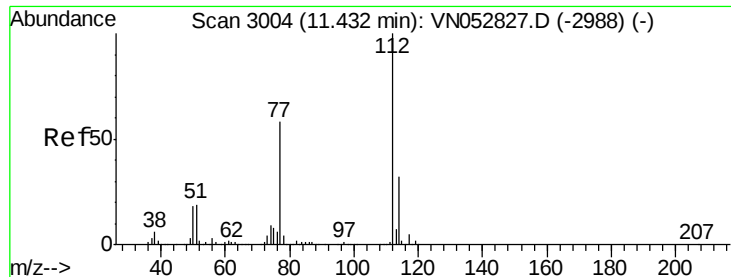
Tot Ion:117 Resp: 1738972
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 26.464 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion:164 Resp: 395525
Ion Ratio Lower Upper
164 100
166 130.0 102.9 154.3
129 91.5 73.7 110.5
131 87.8 70.7 106.1





#65

Chlorobenzene

Concen: 20.898 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

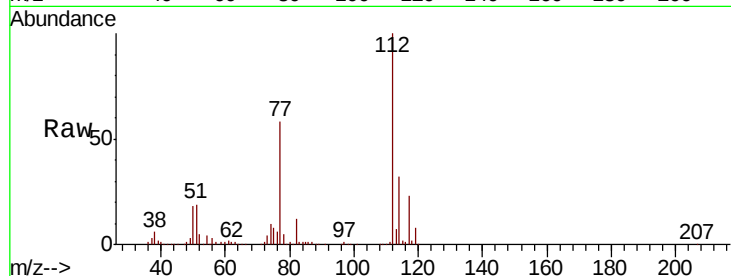
VN1217WBS01

Tot Ion:112 Resp: 753938

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

400000

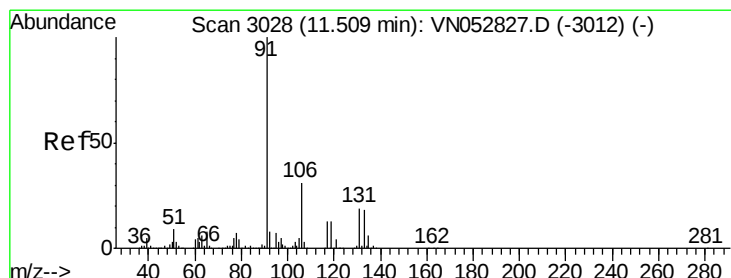
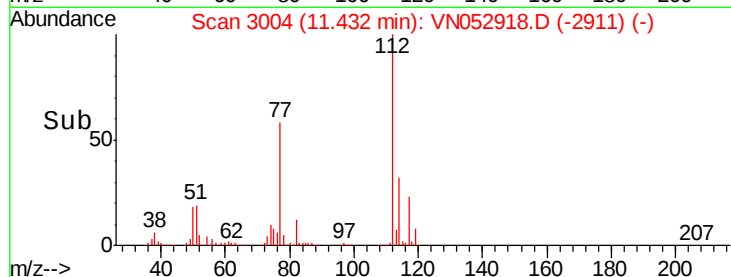
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.747 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

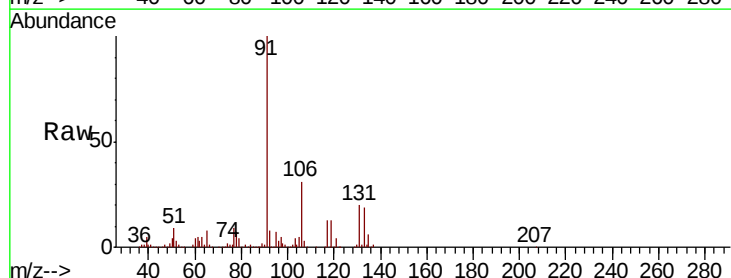
Tgt Ion:131 Resp: 272872

Ion Ratio Lower Upper

131 100

133 94.9 47.6 142.9

119 65.6 33.3 99.8



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

400000

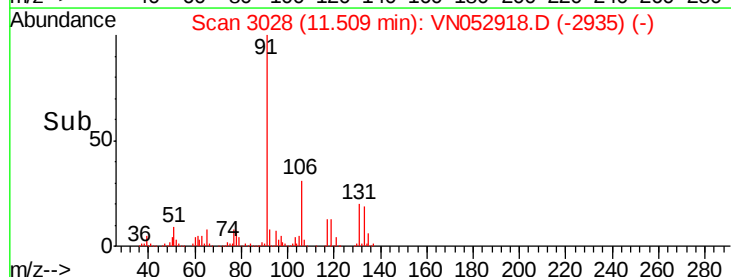
300000

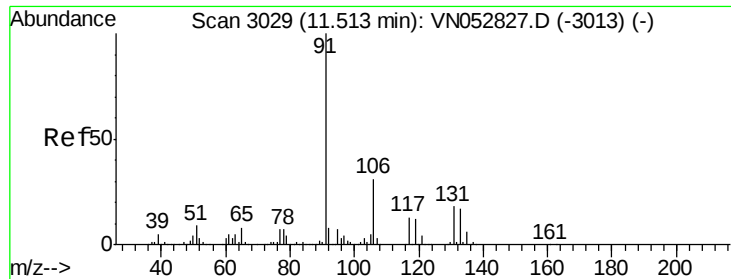
200000

100000

0

Time-->

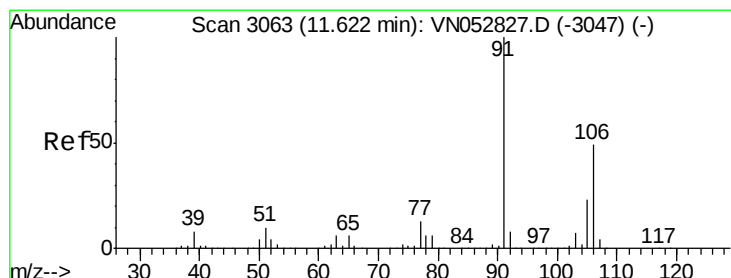
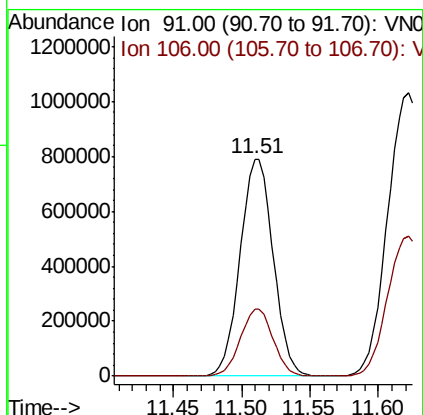
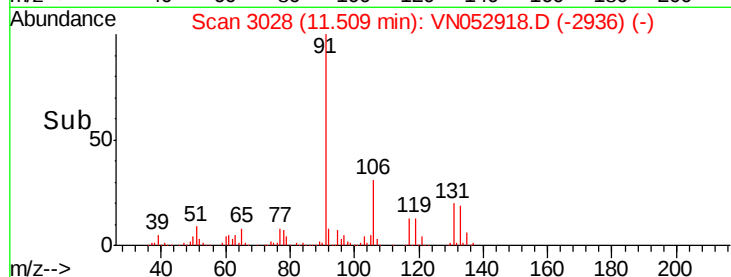
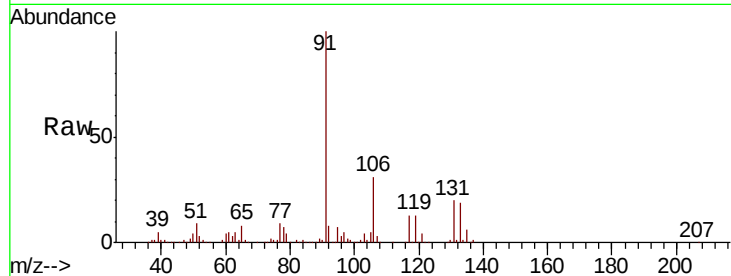




#67
Ethyl Benzene
Concen: 21.484 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

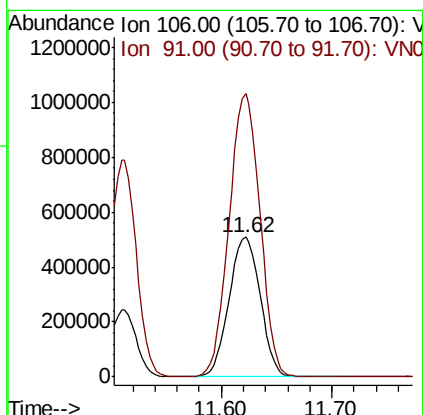
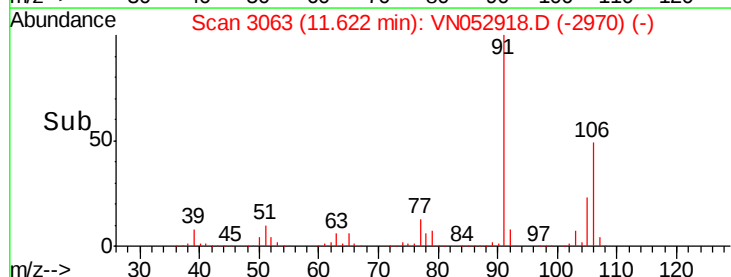
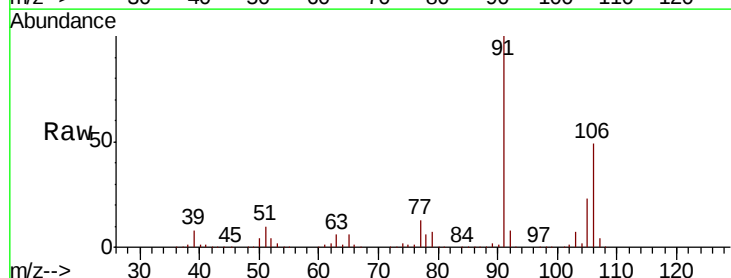
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

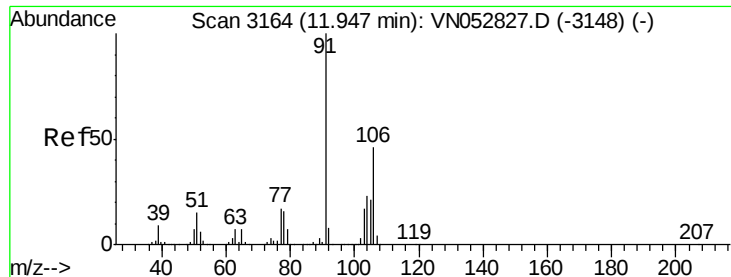
Tot Ion: 91 Resp: 1331072
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 42.862 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 106 Resp: 997140
Ion Ratio Lower Upper
106 100
91 200.9 162.2 243.4

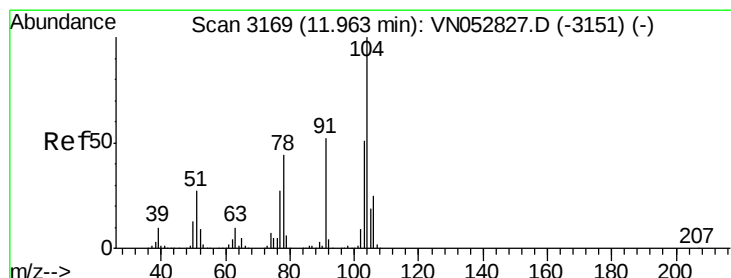
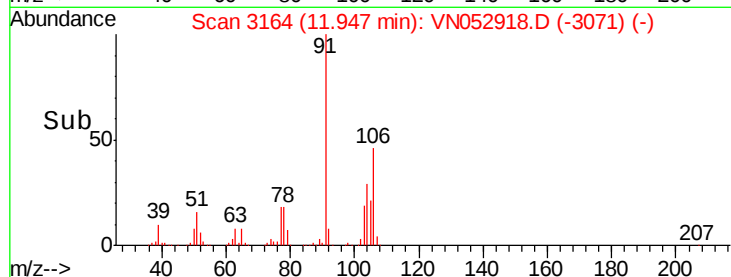
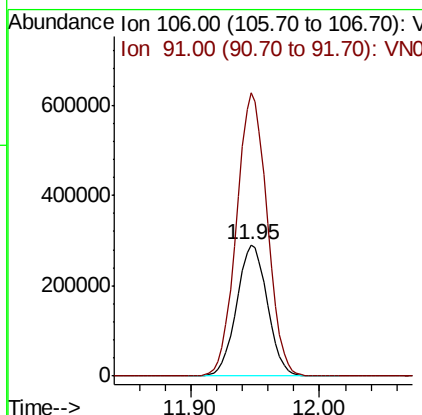
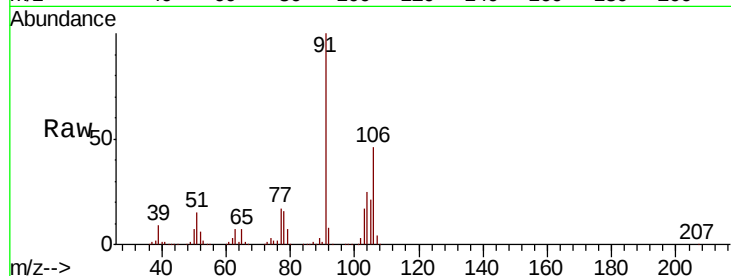




#69
o-Xylene
Concen: 21.120 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

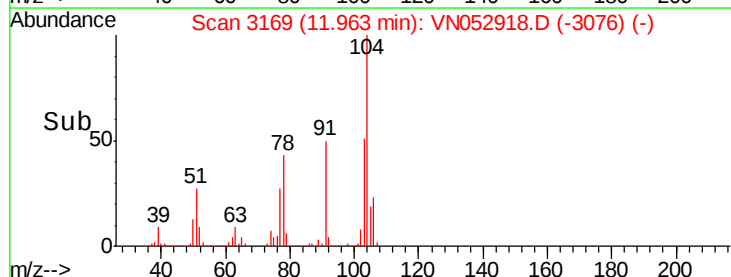
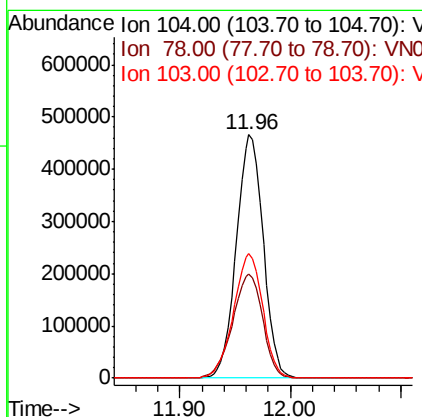
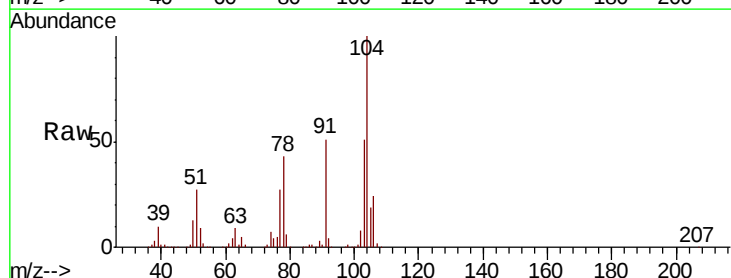
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

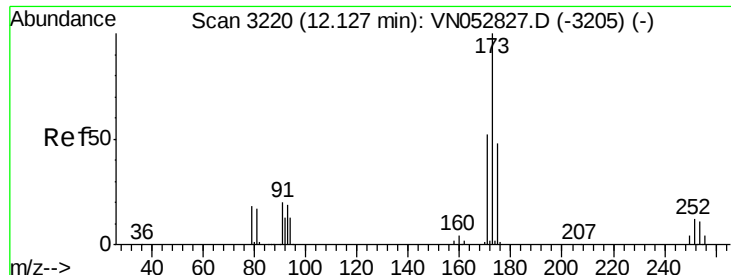
Tot Ion:106 Resp: 479780
Ion Ratio Lower Upper
106 100
91 215.8 106.6 319.8



#70
Styrene
Concen: 21.569 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion:104 Resp: 787671
Ion Ratio Lower Upper
104 100
78 47.8 38.9 58.3
103 55.3 44.3 66.5

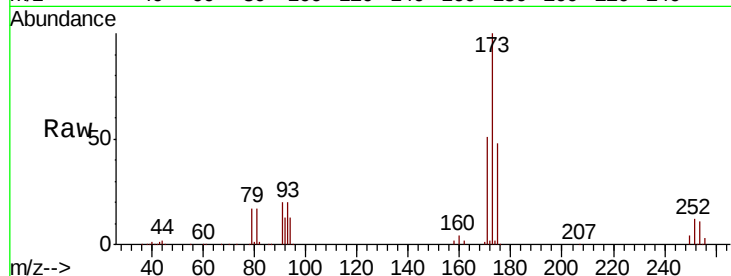




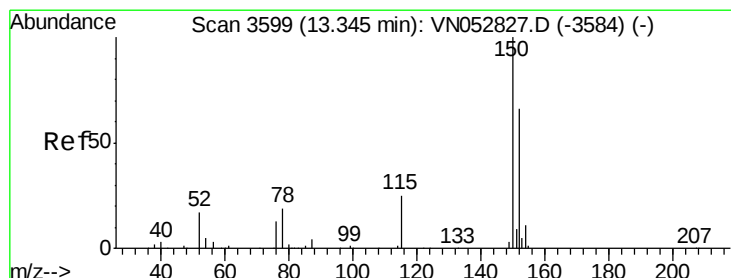
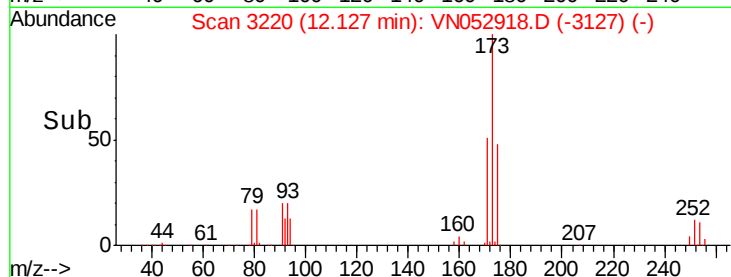
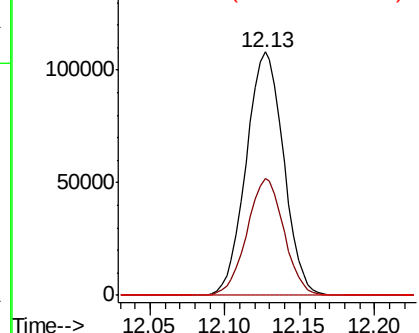
#71
Bromoform
Concen: 22.101 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Instrument :
MSVOA_N
ClientSampled :
VN1217WBS01

Tot Ion:173 Resp: 188392
Ion Ratio Lower Upper
173 100
175 47.2 24.3 72.9
254 0.1 0.1 0.1#

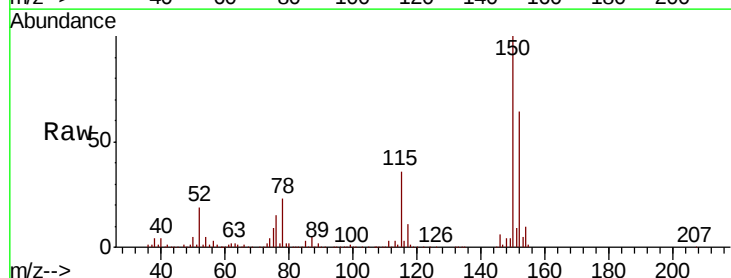


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

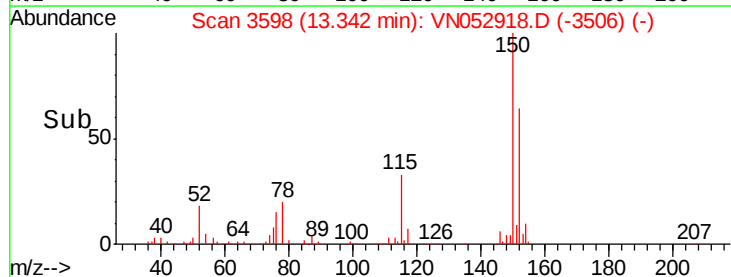
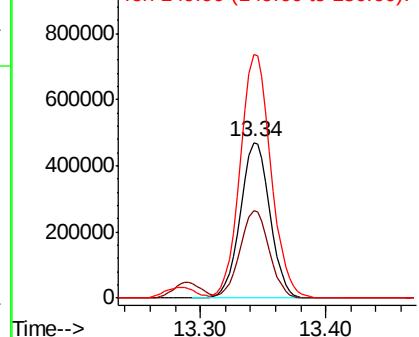


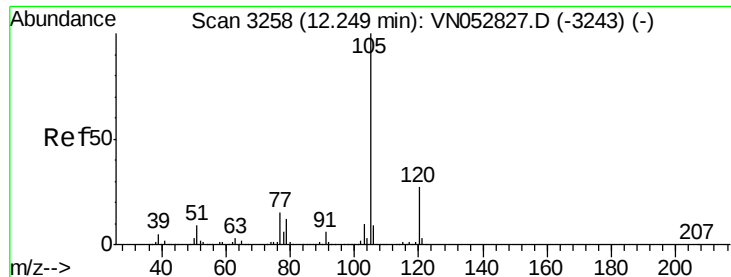
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion:152 Resp: 767470
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 163.6 0.0 347.8



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: 22.349 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

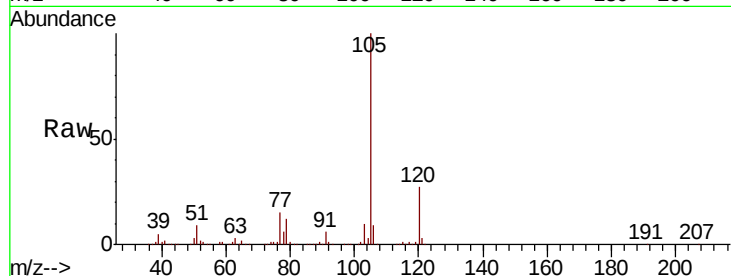
VN1217WBS01

Tot Ion:105 Resp: 1280621

Ion Ratio Lower Upper

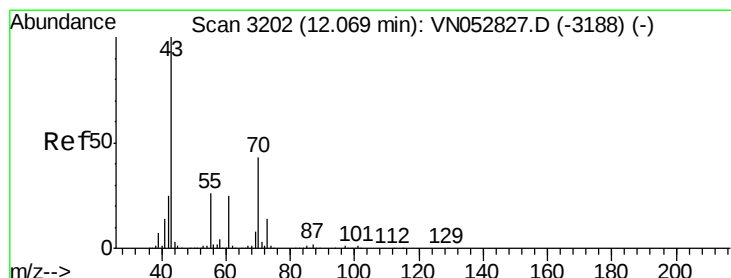
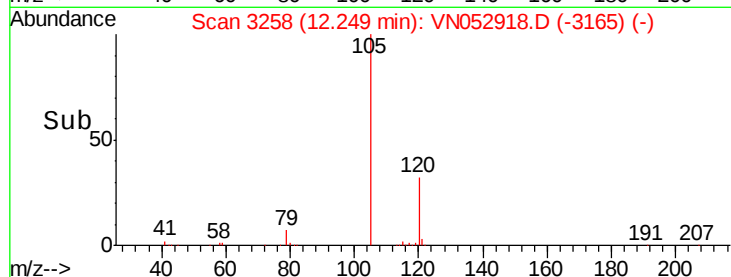
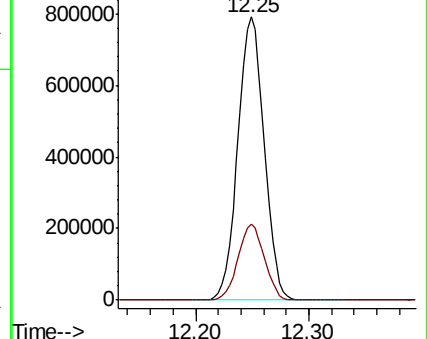
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.607 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Tgt Ion: 43 Resp: 339918

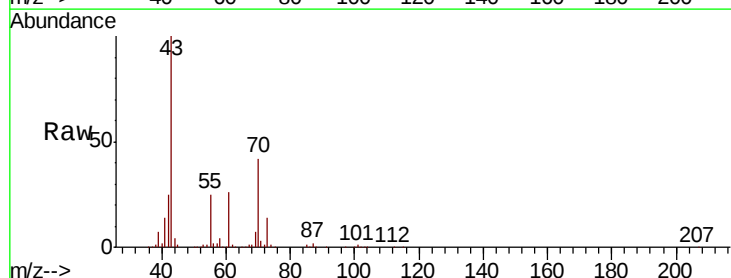
Ion Ratio Lower Upper

43 100

70 42.7 34.2 51.4

55 25.4 20.3 30.5

61 25.3 20.0 30.0

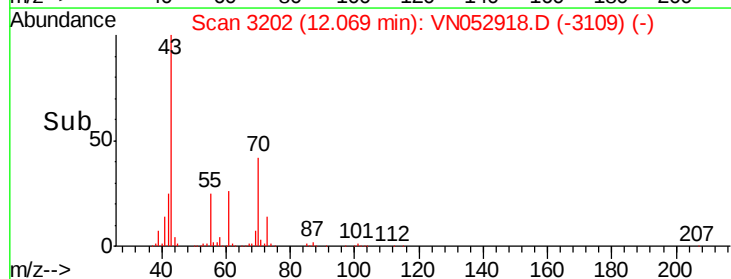
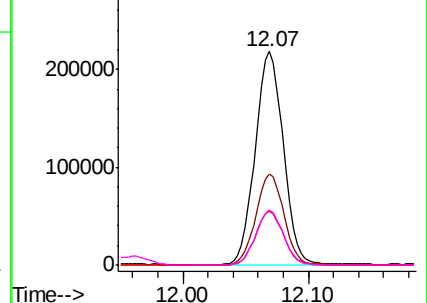


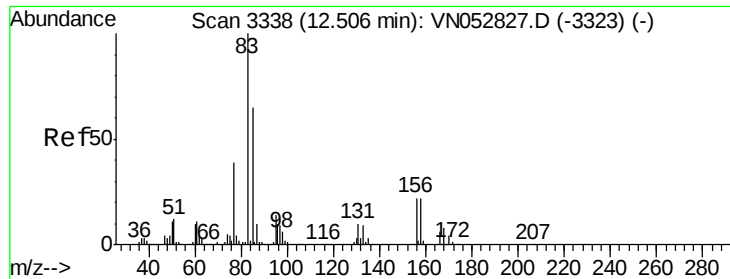
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.571 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

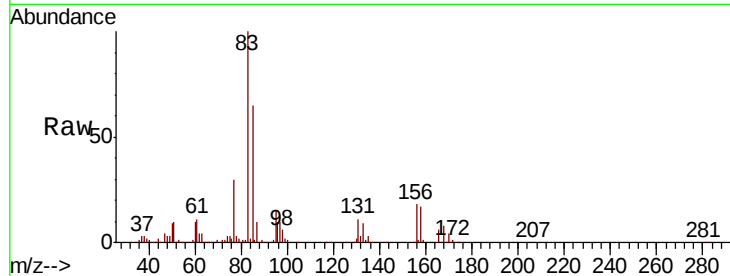
Tot Ion: 83 Resp: 225650

Ion Ratio Lower Upper

83 100

131 11.2 5.2 15.6

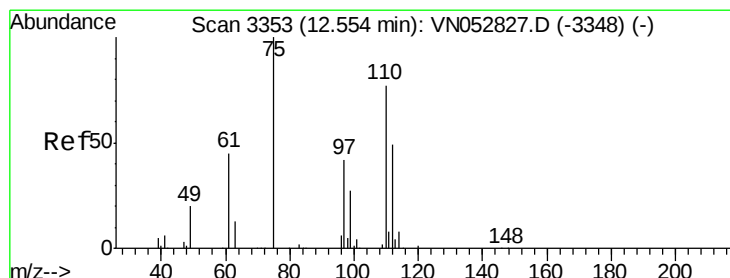
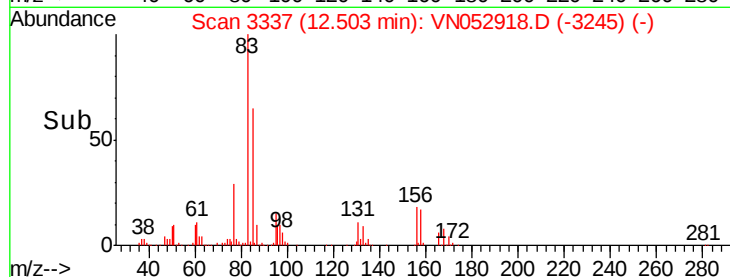
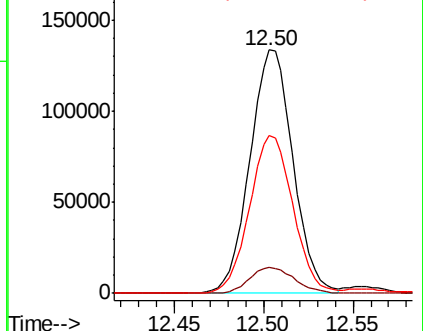
85 65.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN052827.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN052827.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN052827.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 31.612 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052918.D

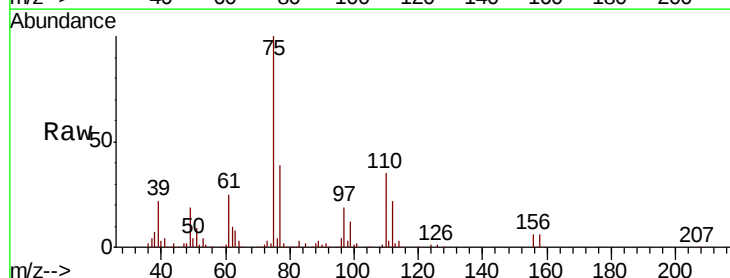
Acq: 17 Dec 2018 11:10

Tgt Ion: 75 Resp: 357951

Ion Ratio Lower Upper

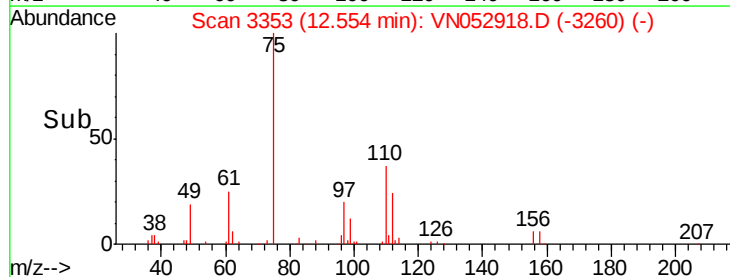
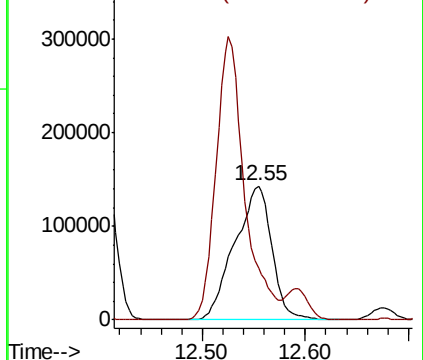
75 100

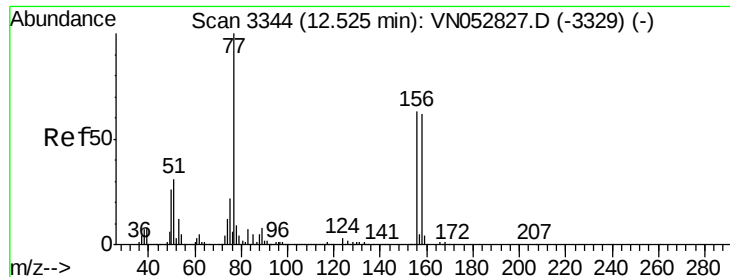
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052827.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN052827.D (-3348) (-)





#77

Bromobenzene

Concen: 22.082 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

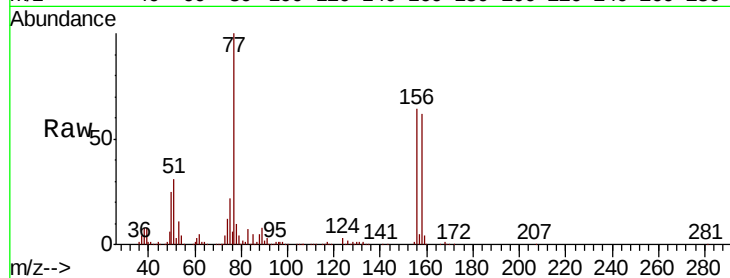
Tot Ion:156 Resp: 321835

Ion Ratio Lower Upper

156 100

77 179.9 91.3 273.8

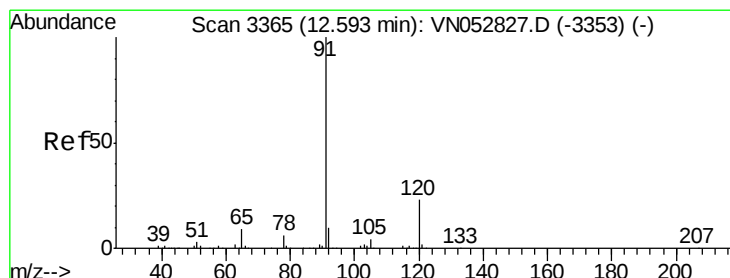
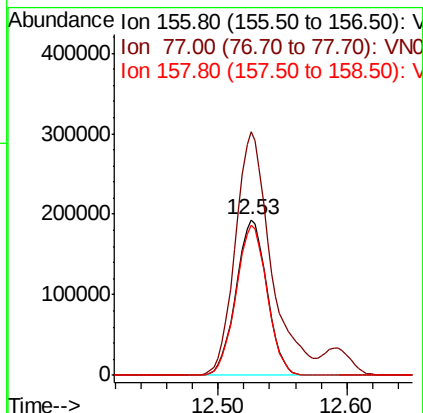
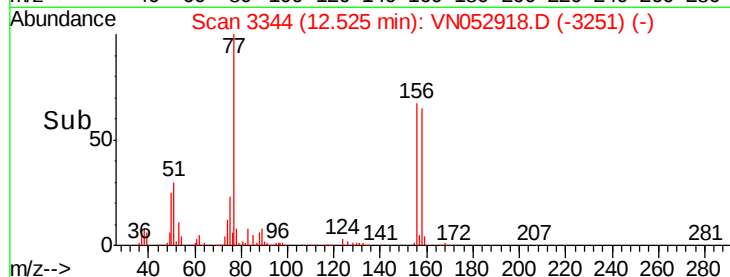
158 96.9 49.0 147.2



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: 22.050 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052918.D

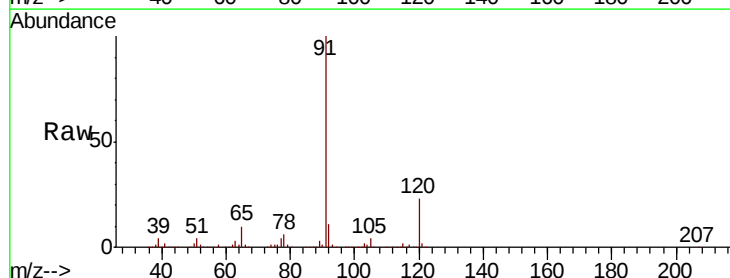
Acq: 17 Dec 2018 11:10

Tgt Ion: 91 Resp: 1441014

Ion Ratio Lower Upper

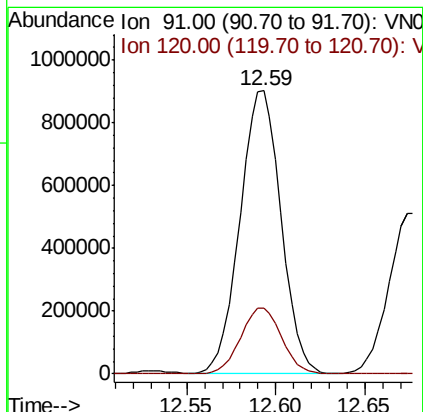
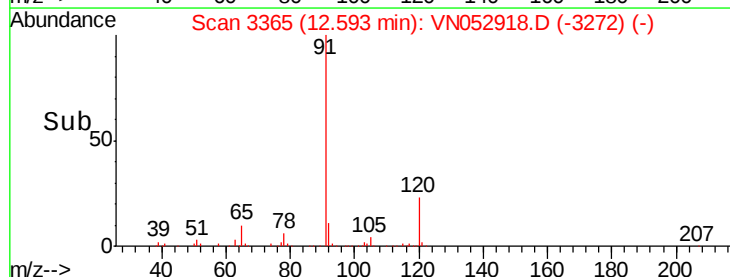
91 100

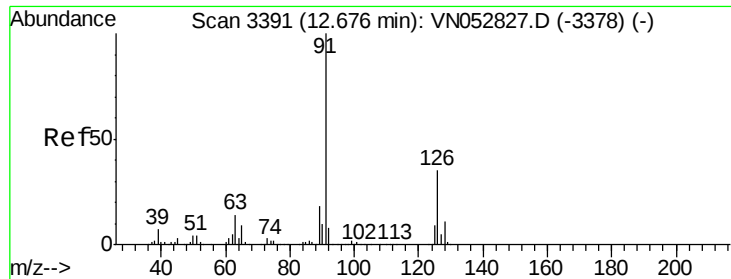
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.901 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

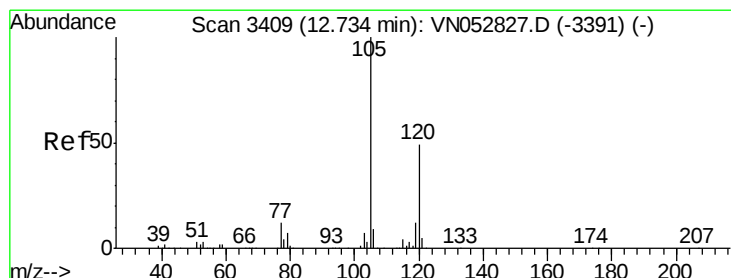
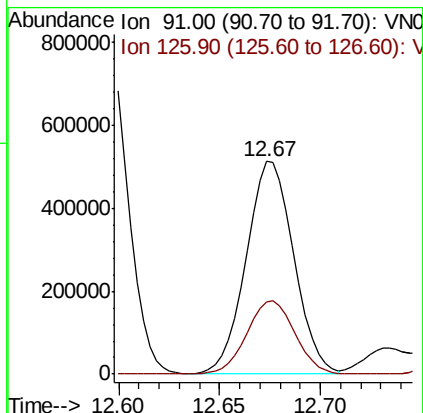
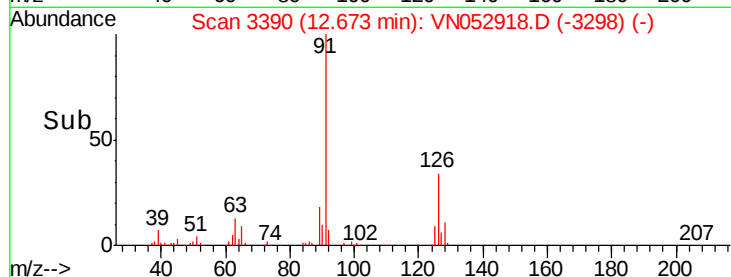
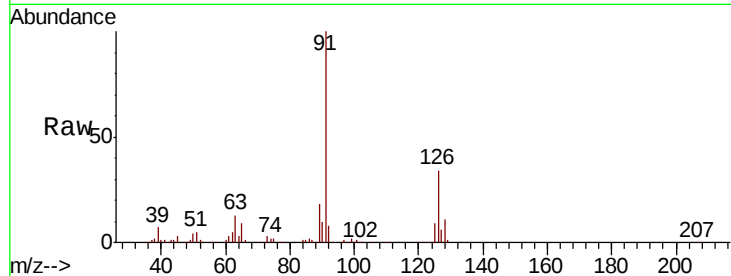
VN1217WBS01

Tot Ion: 91 Resp: 846147

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 21.642 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052918.D

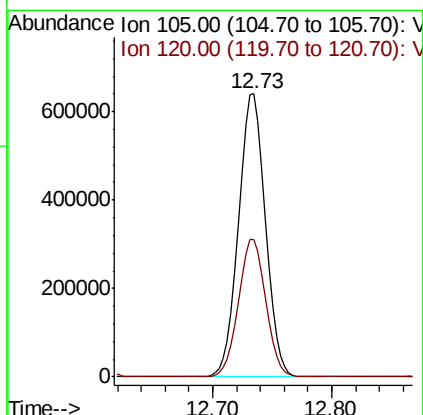
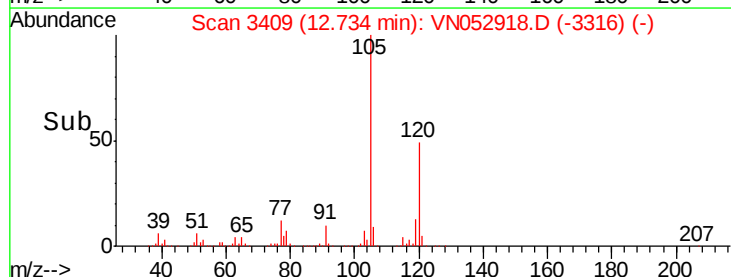
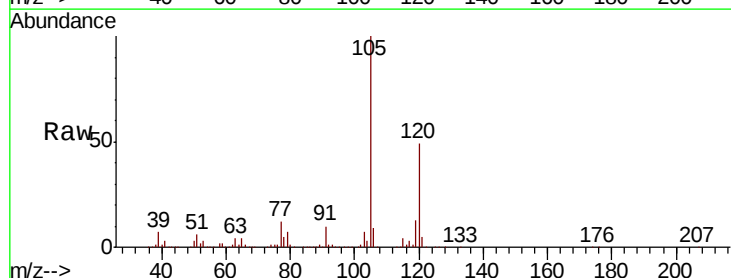
Acq: 17 Dec 2018 11:10

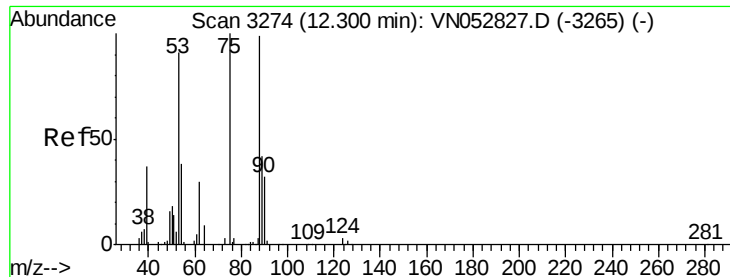
Tgt Ion:105 Resp: 1001118

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 22.777 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

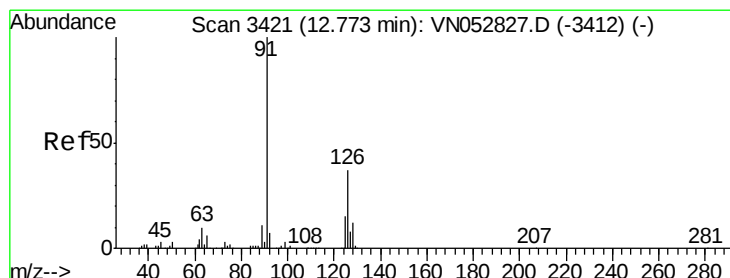
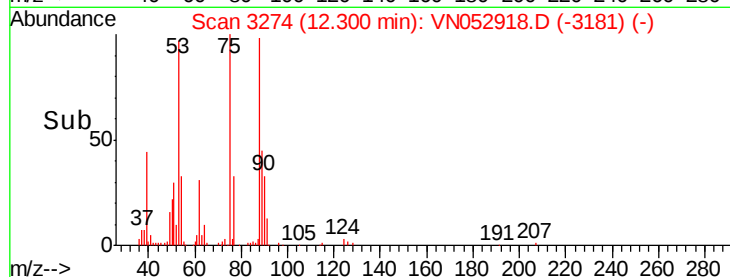
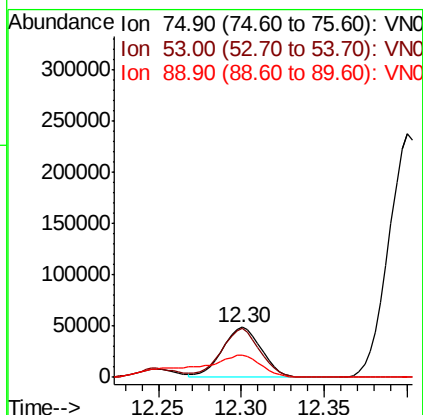
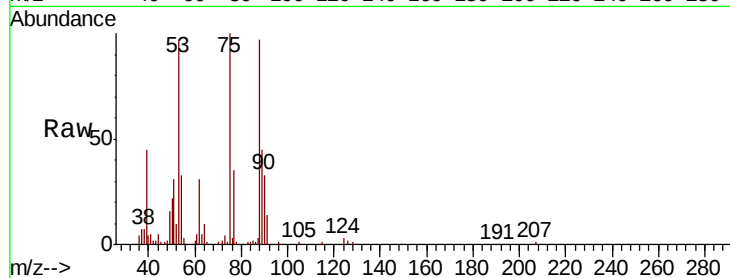
Tot Ion: 75 Resp: 80283

Ion Ratio Lower Upper

75 100

53 97.2 74.7 112.1

89 78.2 36.1 54.1#



#82

4-Chlorotoluene

Concen: 21.572 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052918.D

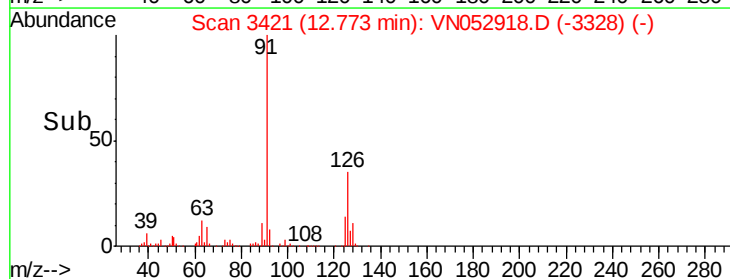
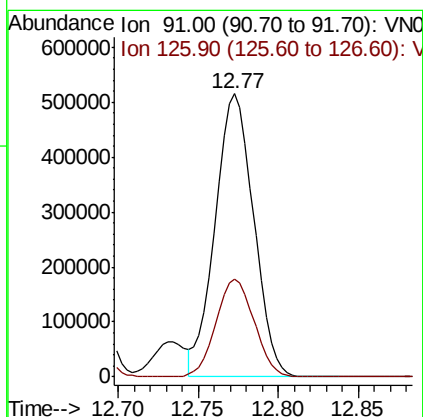
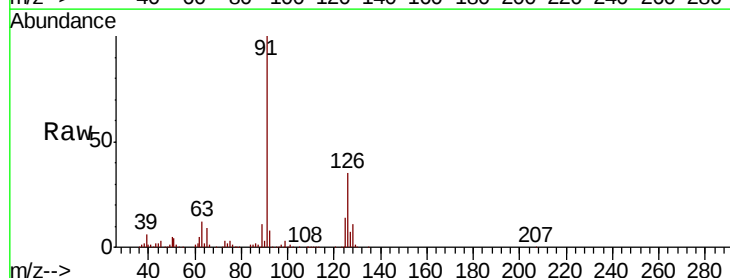
Acq: 17 Dec 2018 11:10

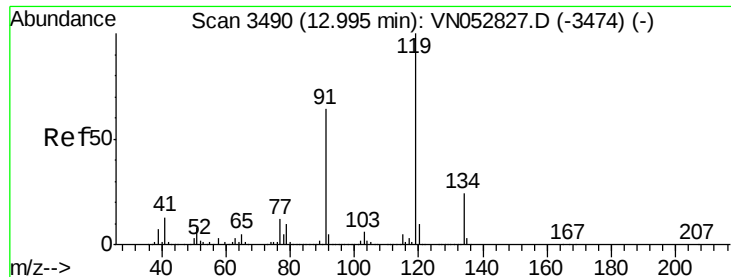
Tgt Ion: 91 Resp: 852145

Ion Ratio Lower Upper

91 100

126 34.3 17.3 51.7

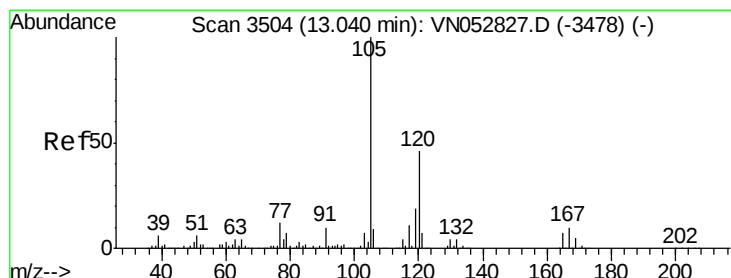
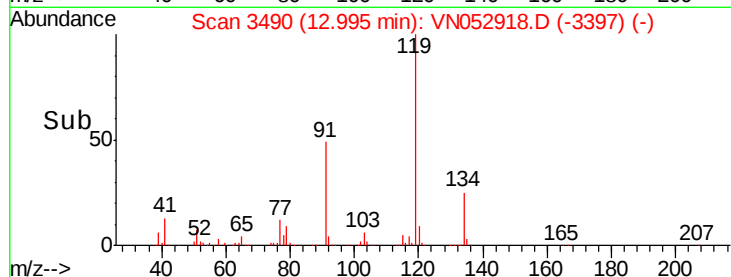
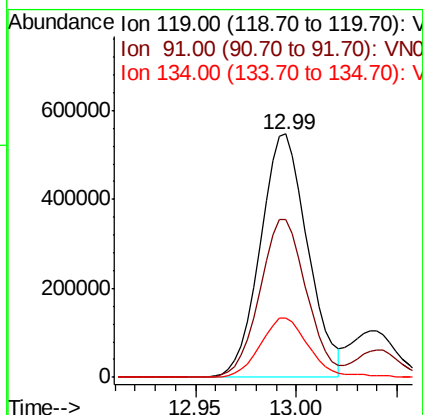
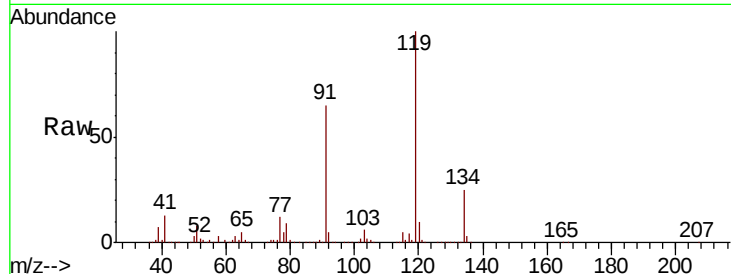




#83
tert-Butylbenzene
Concen: 21.853 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

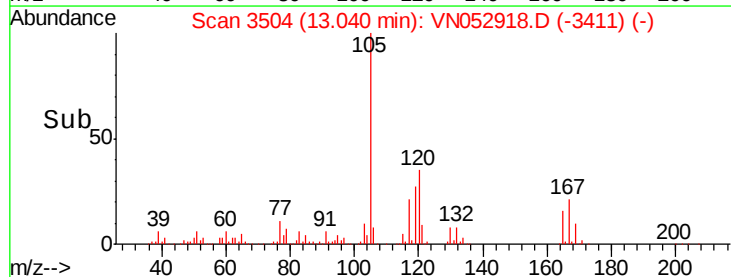
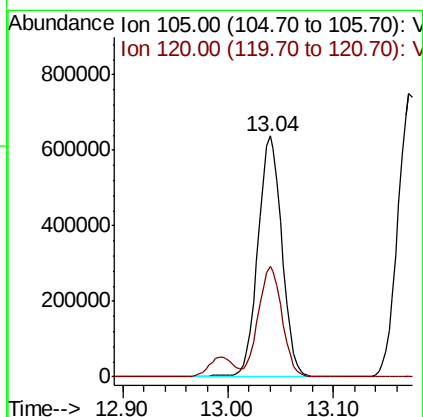
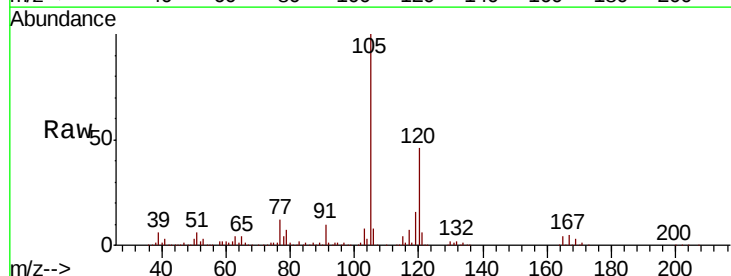
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

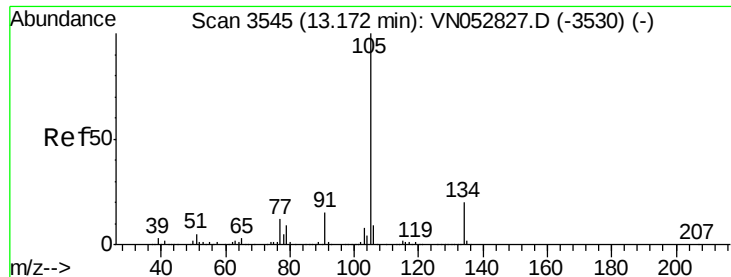
Tot Ion:119 Resp: 891727
Ion Ratio Lower Upper
119 100
91 64.0 31.9 95.5
134 25.3 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 21.615 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion:105 Resp: 1012197
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.813 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

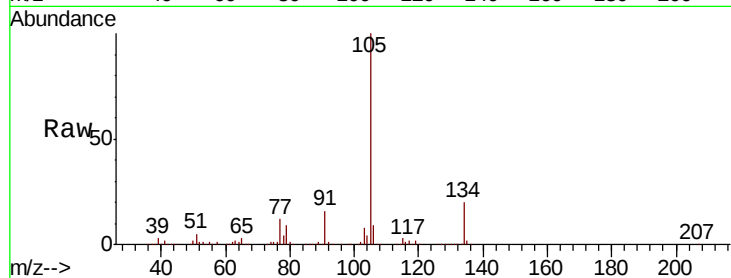
VN1217WBS01

Tot Ion:105 Resp: 1205400

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

800000

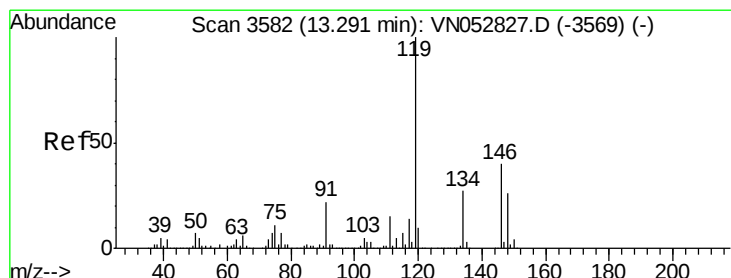
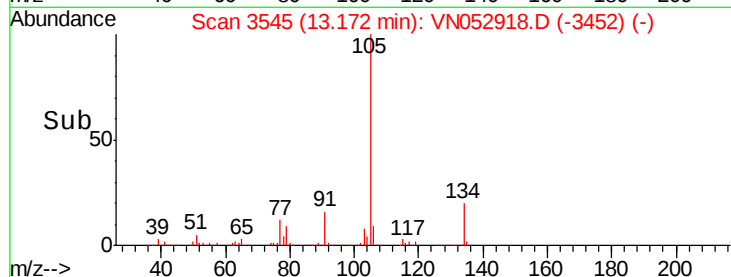
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.402 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

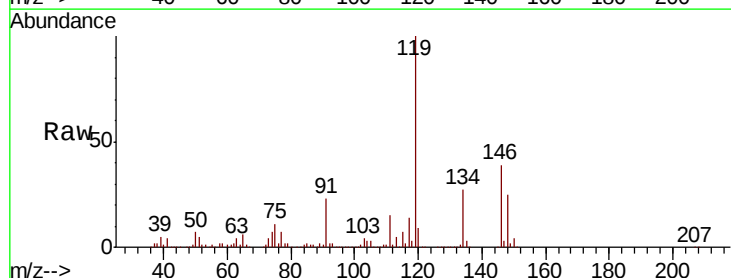
Tgt Ion:119 Resp: 1024667

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.5 11.1 33.3



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

13.29

800000

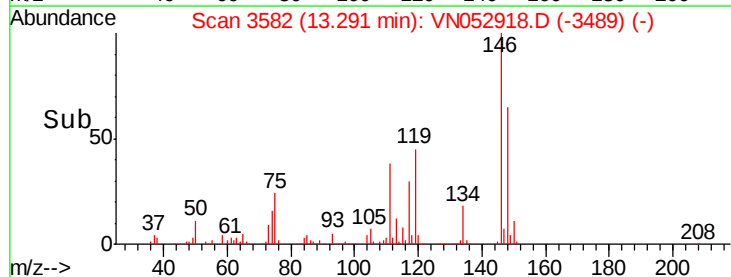
600000

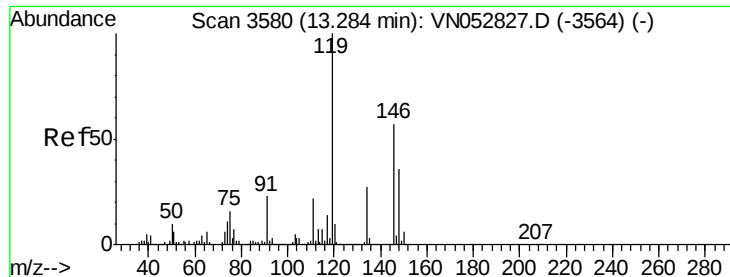
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.810 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

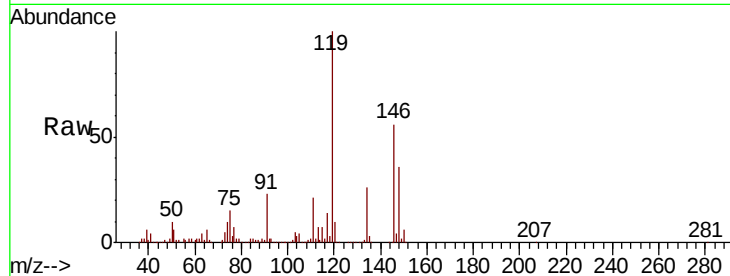
Tot Ion:146 Resp: 538981

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

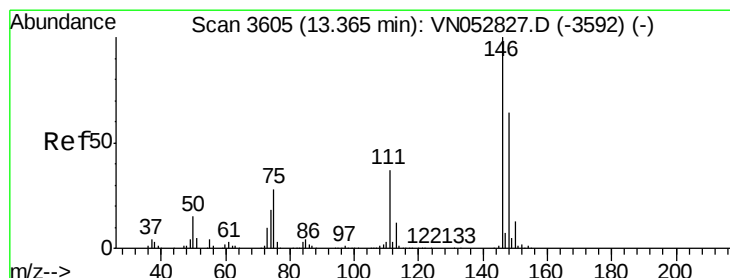
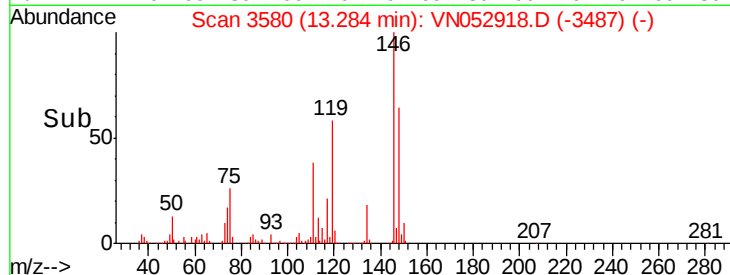
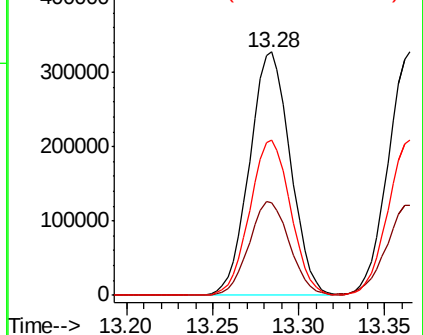
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.738 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

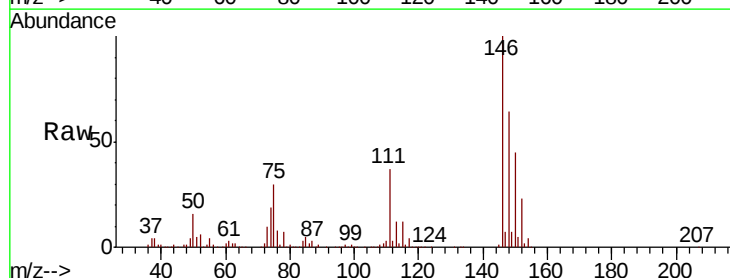
Tgt Ion:146 Resp: 531920

Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

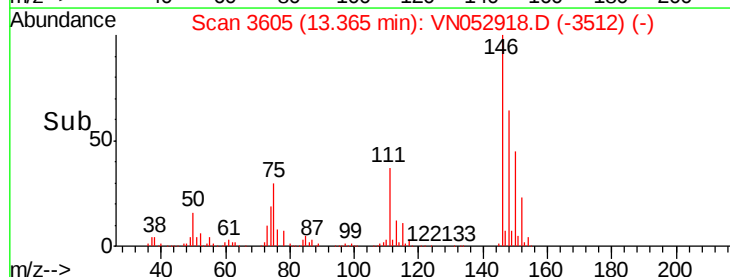
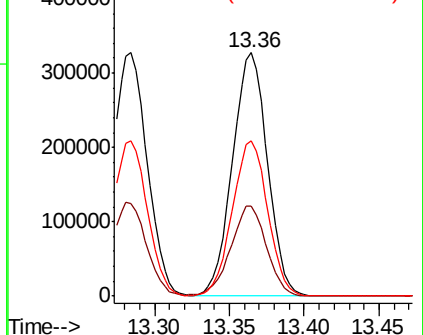
148 64.6 32.1 96.5

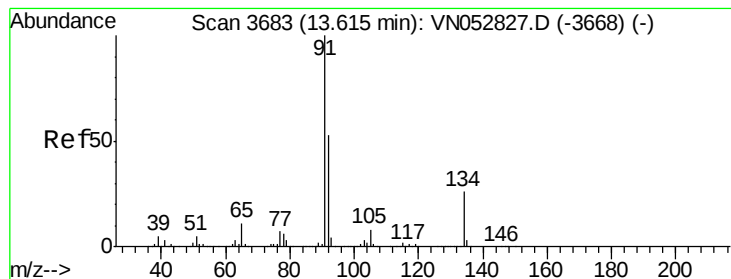


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

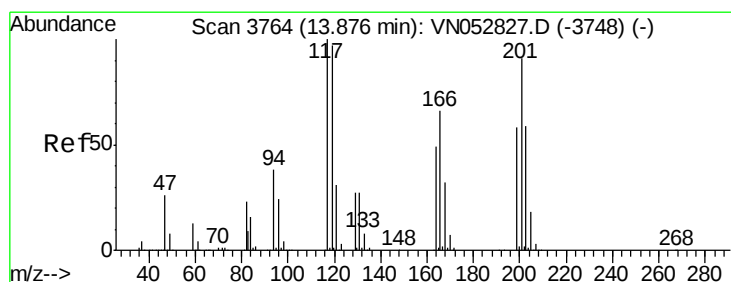
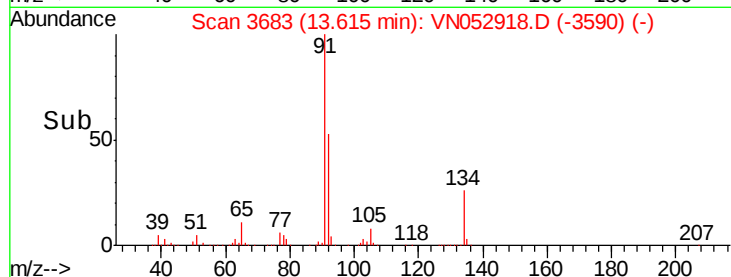
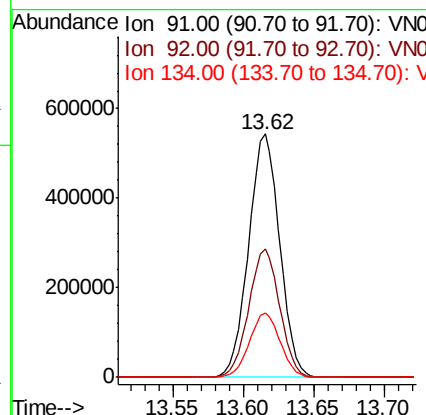
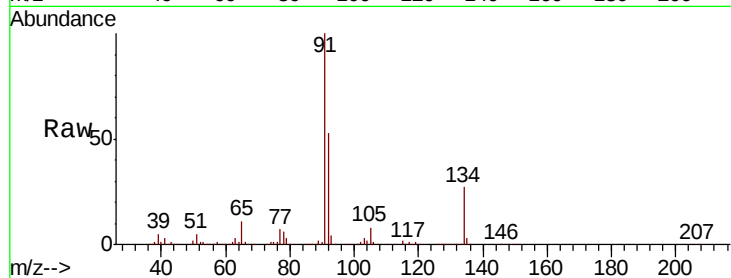




#89
n-Butylbenzene
Concen: 20.880 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

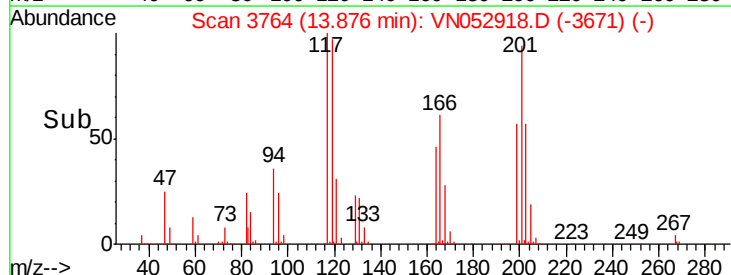
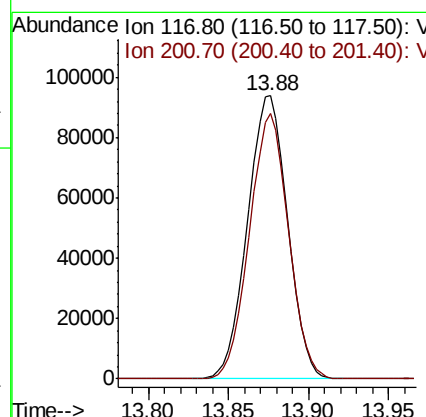
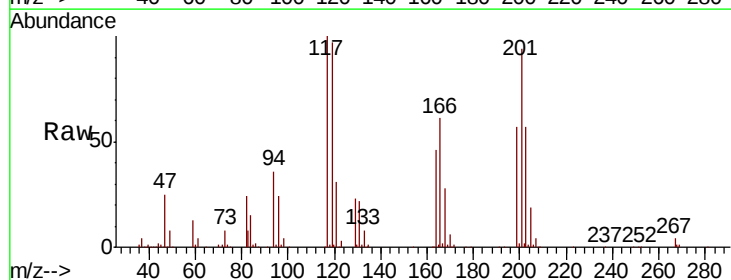
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

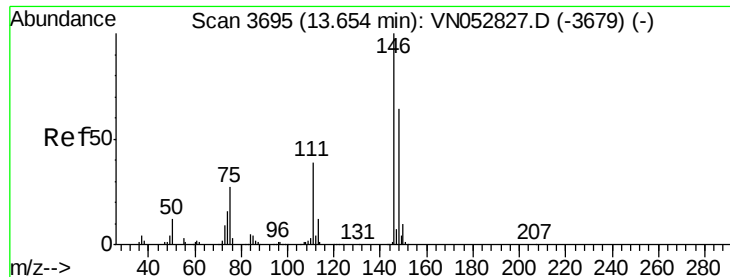
Tot Ion: 91 Resp: 841568
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 26.2 13.3 39.8



#90
Hexachloroethane
Concen: 20.008 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052918.D
Acq: 17 Dec 2018 11:10

Tgt Ion: 117 Resp: 160402
Ion Ratio Lower Upper
117 100
201 91.3 45.7 137.1





#91

1,2-Dichlorobenzene

Concen: 20.161 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

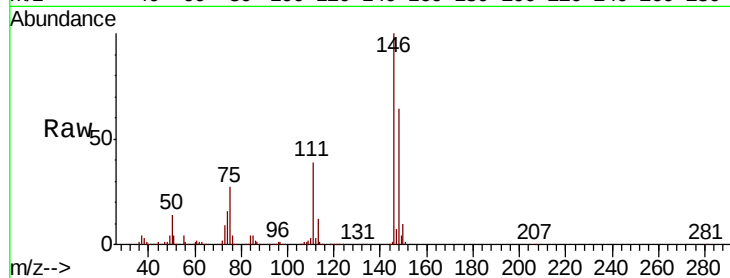
Tot Ion:146 Resp: 502294

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

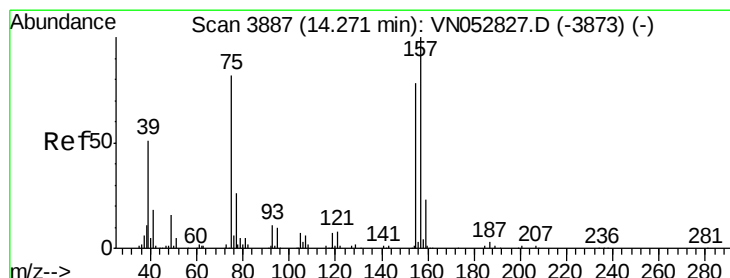
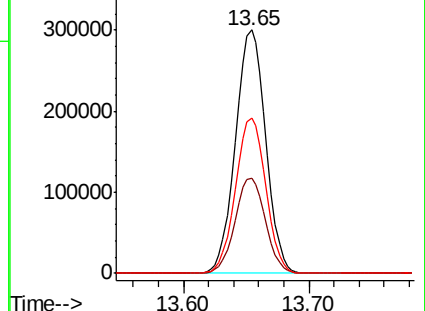
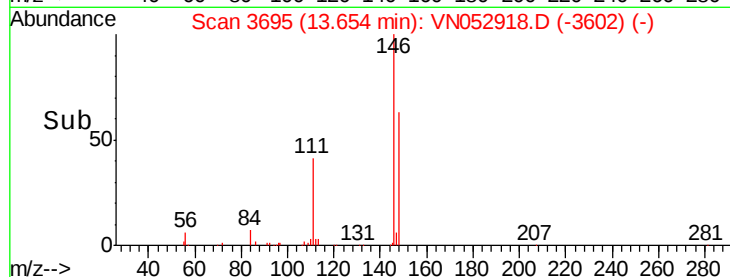
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.956 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

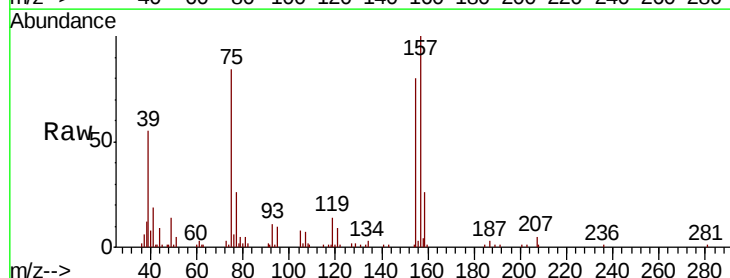
Tgt Ion: 75 Resp: 38632

Ion Ratio Lower Upper

75 100

155 93.7 48.2 144.6

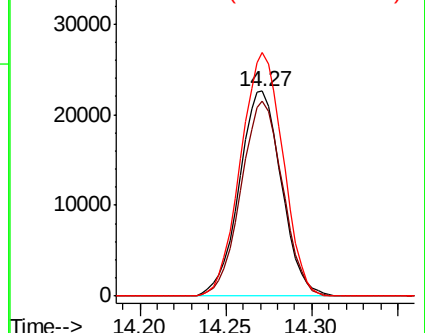
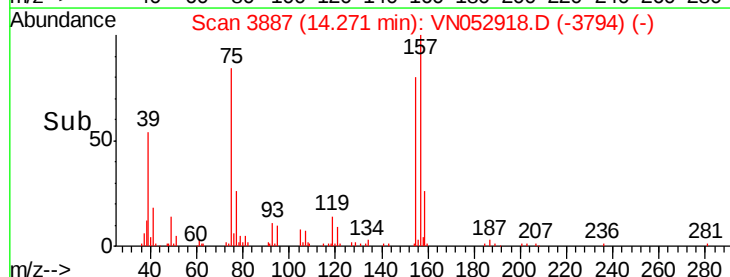
157 118.9 61.2 183.5

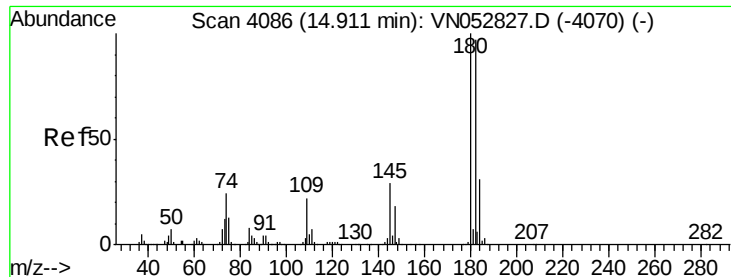


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.649 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

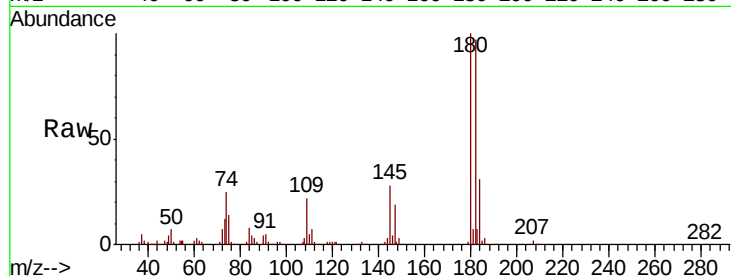
Tot Ion:180 Resp: 252562

Ion Ratio Lower Upper

180 100

182 96.2 47.8 143.3

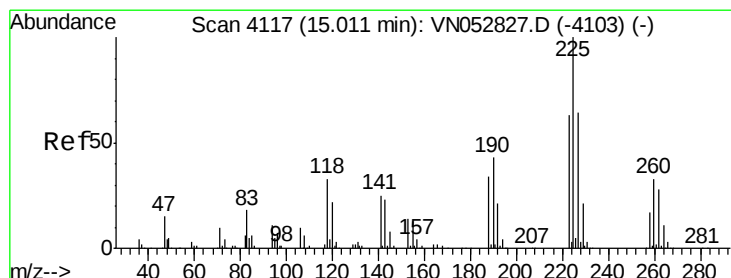
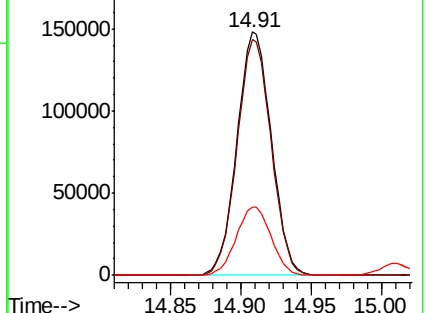
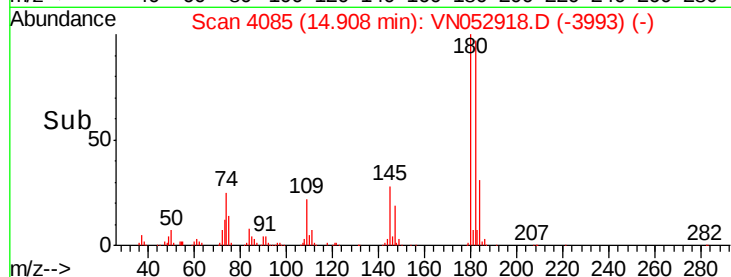
145 28.5 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.634 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

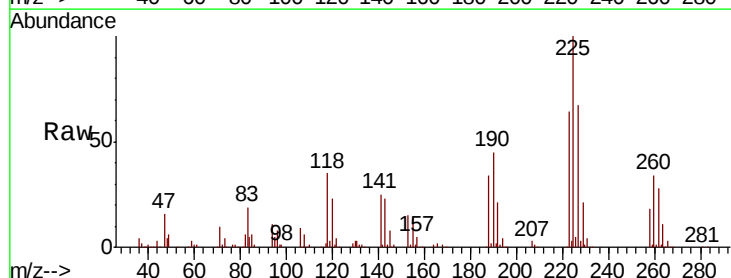
Tgt Ion:225 Resp: 146073

Ion Ratio Lower Upper

225 100

223 62.5 31.5 94.5

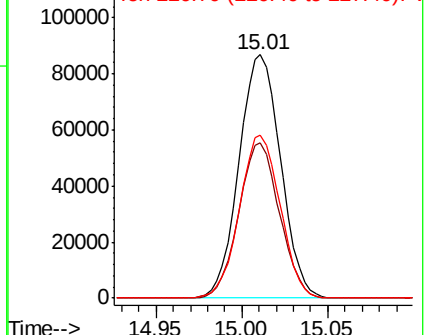
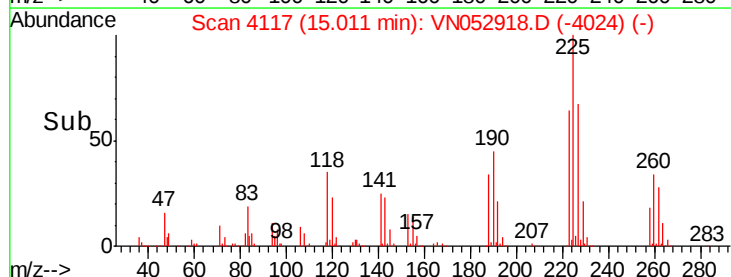
227 65.5 31.9 95.7

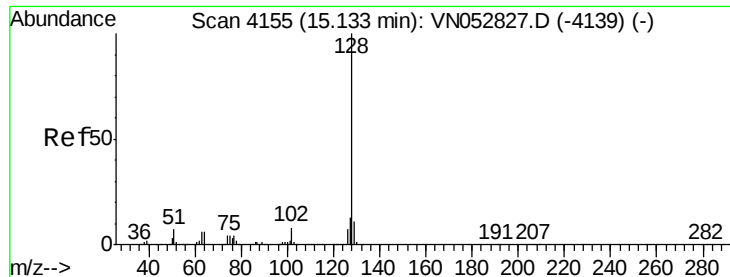


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.976 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

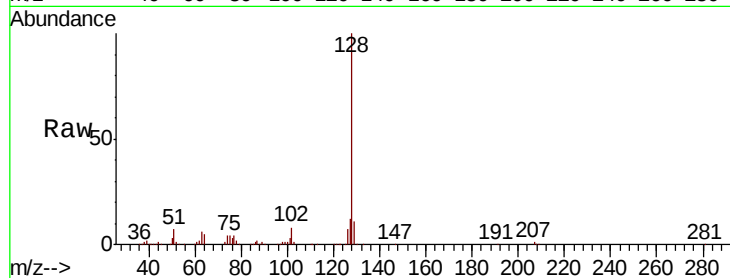
Tot Ion:128 Resp: 532261

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

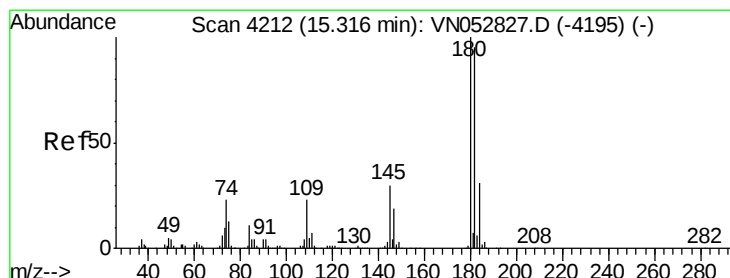
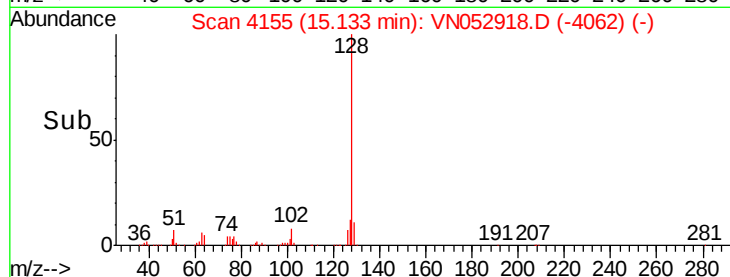
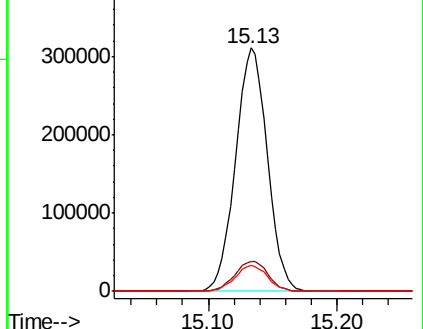
129 10.9 8.6 13.0



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: 18.271 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052918.D

Acq: 17 Dec 2018 11:10

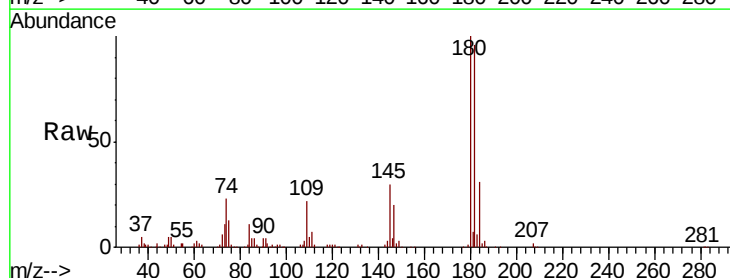
Tgt Ion:180 Resp: 227044

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 30.1 15.0 45.0



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

