

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103018\
 Data File : VN052060.D
 Acq On : 30 Oct 2018 11:38
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 31 02:27:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:21:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	303328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	565107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	538482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227520	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	658420	137.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	275.80%	
35) Dibromofluoromethane	7.59	113	531180	156.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.64%	
50) Toluene-d8	10.09	98	2096958	152.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.42%	
62) 4-Bromofluorobenzene	12.40	95	782407	153.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	618661	176.808	ug/l	98
3) Chloromethane	2.06	50	676393	154.035	ug/l	100
4) Vinyl Chloride	2.19	62	691004	142.272	ug/l	97
5) Bromomethane	2.55	94	481421	122.869	ug/l	95
6) Chloroethane	2.70	64	422269	134.095	ug/l	98
7) Trichlorofluoromethane	3.02	101	835674	152.554	ug/l	100
8) Diethyl Ether	3.41	74	314570	154.318	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	499326	159.916	ug/l	98
10) Methyl Iodide	3.96	142	699335	156.136	ug/l	99
11) Tert butyl alcohol	4.78	59	177606	819.986	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	484270	163.080	ug/l	98
13) Acrolein	3.61	56	196391	845.333	ug/l	95
14) Allyl chloride	4.33	41	895936	147.928	ug/l	95
15) Acrylonitrile	4.99	53	1007453	779.970	ug/l	100
16) Acetone	3.81	43	717268	673.839	ug/l	100
17) Carbon Disulfide	4.06	76	1573390	162.780	ug/l	98
18) Methyl Acetate	4.32	43	445989	134.857	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	1549929	156.090	ug/l	98
20) Methylene Chloride	4.55	84	591009	161.421	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	556398	165.121	ug/l	99
22) Diisopropyl ether	5.95	45	1916703	141.785	ug/l	97
23) Vinyl Acetate	5.90	43	7084651	792.313	ug/l	97
24) 1,1-Dichloroethane	5.85	63	1092890	146.828	ug/l	99
25) 2-Butanone	6.83	43	1161002	772.358	ug/l	99
26) 2,2-Dichloropropane	6.83	77	908444	149.512	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	635961	152.272	ug/l	98
28) Bromochloromethane	7.20	49	508198	124.689	ug/l	93
29) Tetrahydrofuran	7.21	42	788103	734.848	ug/l	98
30) Chloroform	7.37	83	1113053	146.517	ug/l	98
31) Cyclohexane	7.66	56	1011498	85.637	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	960797	166.411	ug/l	97
36) 1,1-Dichloropropene	7.79	75	848255	151.164	ug/l	98
37) Ethyl Acetate	6.93	43	540618	161.601	ug/l	99
38) Carbon Tetrachloride	7.78	117	813212	174.527	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1028439	153.550	ug/l	98
40) Benzene	8.04	78	2458988	154.935	ug/l	99
41) Methacrylonitrile	7.17	41	292683	227.953	ug/l #	88
42) 1,2-Dichloroethane	8.12	62	841965	133.644	ug/l	99
43) Isopropyl Acetate	8.17	43	1033414	159.570	ug/l #	88
44) Trichloroethene	8.84	130	586600	167.881	ug/l	96
45) 1,2-Dichloropropane	9.12	63	659348	137.281	ug/l	99
46) Dibromomethane	9.21	93	410524	167.504	ug/l	97
47) Bromodichloromethane	9.40	83	867736	169.596	ug/l	96
48) Methyl methacrylate	9.20	41	504197	154.030	ug/l	99
49) 1,4-Dioxane	9.20	88	91537	5633.264	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	2731072	777.903	ug/l	100
52) Toluene	10.16	92	1528413	160.385	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	942075	171.965	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1035577	174.348	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	549293	161.121	ug/l	97
56) Ethyl methacrylate	10.43	69	798520	160.085	ug/l	97
57) 1,3-Dichloropropane	10.71	76	970274	154.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2051755	802.892	ug/l	98
59) 2-Hexanone	10.75	43	1877597	744.659	ug/l	98
60) Dibromochloromethane	10.90	129	604965	186.642	ug/l	98
61) 1,2-Dibromoethane	11.01	107	569217	168.222	ug/l	99
64) Tetrachloroethene	10.63	164	482293	155.825	ug/l	97
65) Chlorobenzene	11.43	112	1664997	150.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	556682	165.280	ug/l	100
67) Ethyl Benzene	11.51	91	2990626	154.623	ug/l	100
68) m/p-Xylenes	11.62	106	2222098	331.014	ug/l	98
69) o-Xylene	11.95	106	1083039	165.394	ug/l	99
70) Styrene	11.96	104	1796492	166.393	ug/l	100
71) Bromoform	12.13	173	355651	198.399	ug/l #	99
73) Isopropylbenzene	12.25	105	2937446	163.853	ug/l	100
74) N-amyl acetate	12.07	43	982523	144.216	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	660633	146.197	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	919982	238.811	ug/l #	100
77) Bromobenzene	12.53	156	615900	158.464	ug/l	95
78) n-propylbenzene	12.59	91	3499749	155.315	ug/l	99
79) 2-Chlorotoluene	12.67	91	2023325	159.895	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2380052	159.764	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	221183	187.355	ug/l	94
82) 4-Chlorotoluene	12.77	91	2132711	166.556	ug/l	100
83) tert-Butylbenzene	12.99	119	1992672	157.186	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2399764	164.777	ug/l	100
85) sec-Butylbenzene	13.17	105	2873648	160.252	ug/l	99
86) p-Isopropyltoluene	13.29	119	2400669	165.058	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1114015	156.797	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1125725	155.673	ug/l	99
89) n-Butylbenzene	13.61	91	2271988	161.683	ug/l	98
90) Hexachloroethane	13.87	117	441261	174.041	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1050555	161.311	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	103220	249.845	ug/l	98

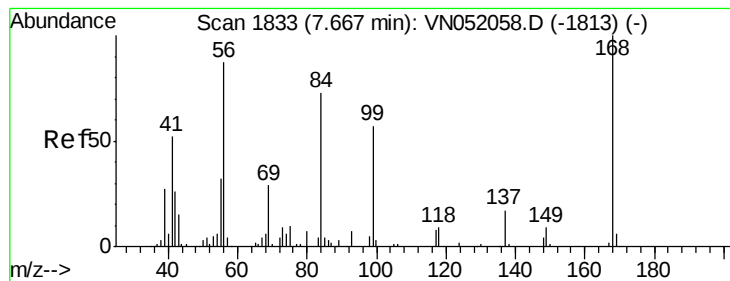
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	451345	191.957	ug/l	97
94) Hexachlorobutadiene	15.01	225	208838	151.654	ug/l	97
95) Naphthalene	15.13	128	1134223	181.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	380134	178.039	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: VN052060.D

Acq: 30 Oct 2018 11:38

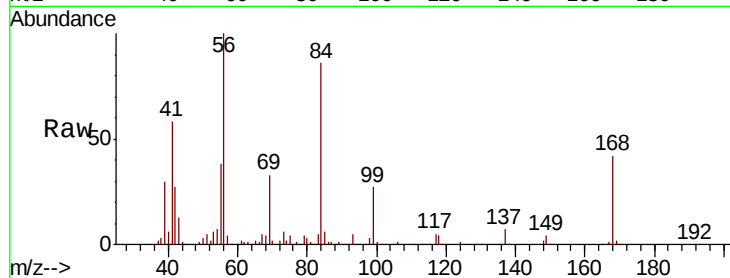
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 303328

Ion Ratio Lower Upper

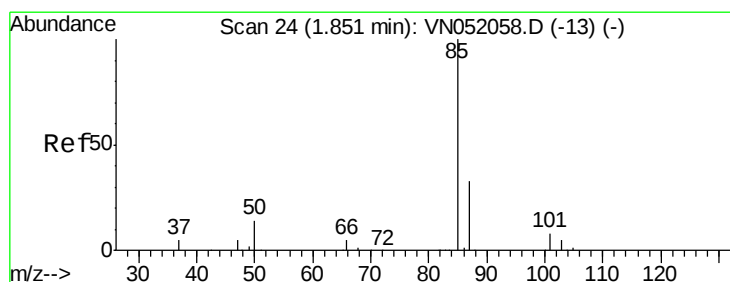
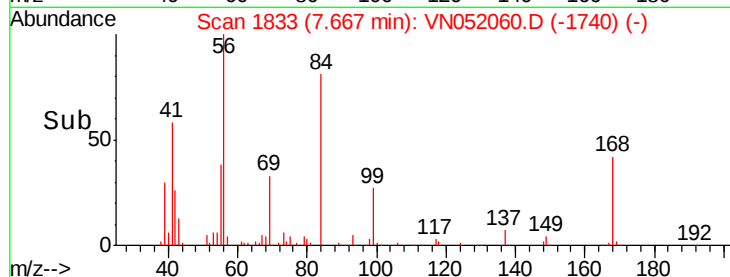
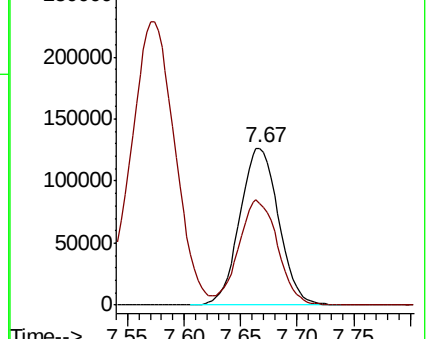
168 100

99 64.8 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC



#2

Dichlorodifluoromethane

Concen: 176.808 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052060.D

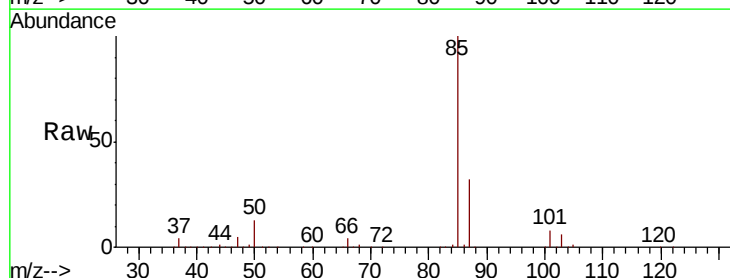
Acq: 30 Oct 2018 11:38

Tgt Ion: 85 Resp: 618661

Ion Ratio Lower Upper

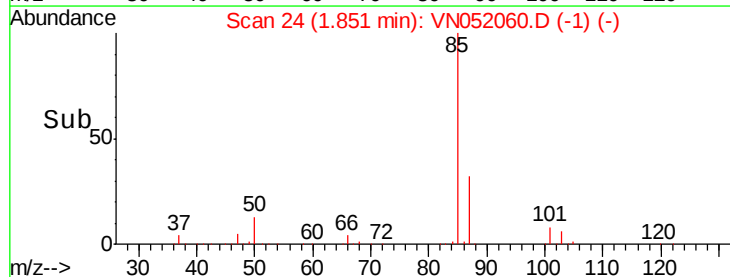
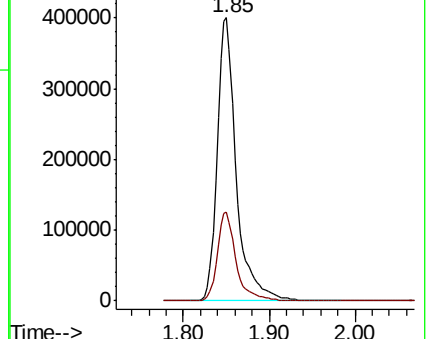
85 100

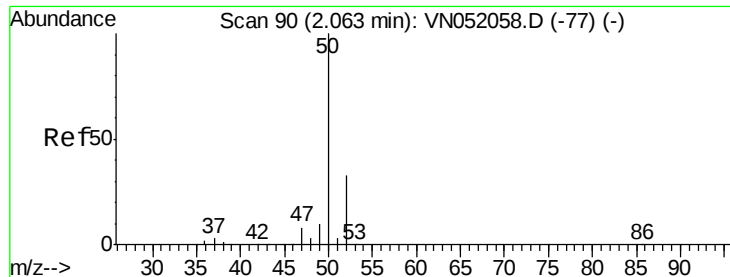
87 31.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNC

Ion 86.90 (86.60 to 87.60): VNC





#3

Chloromethane

Concen: 154.035 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

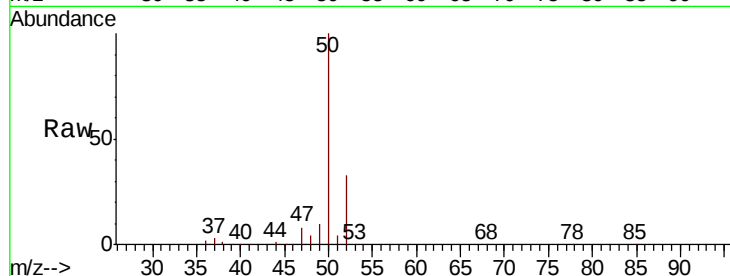
ClientSampleId :

Tgt Ion: 50 Resp: 676393

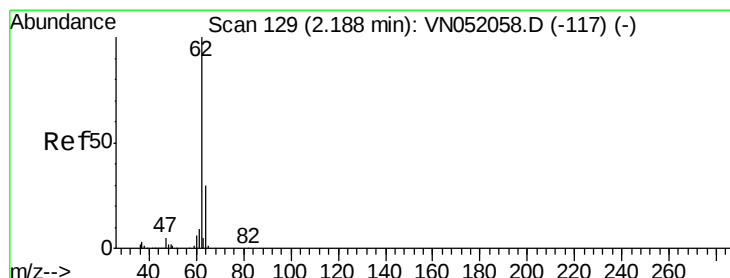
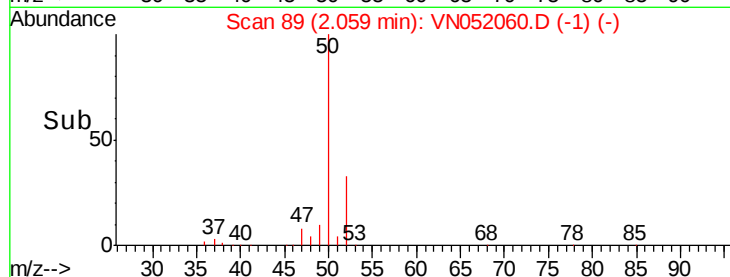
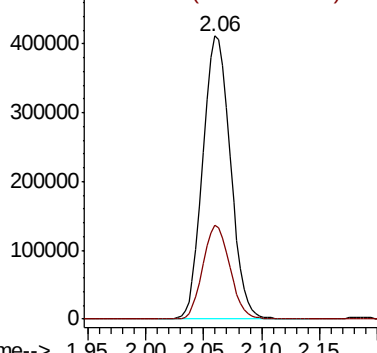
Ion Ratio Lower Upper

50 100

52 33.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 142.272 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052060.D

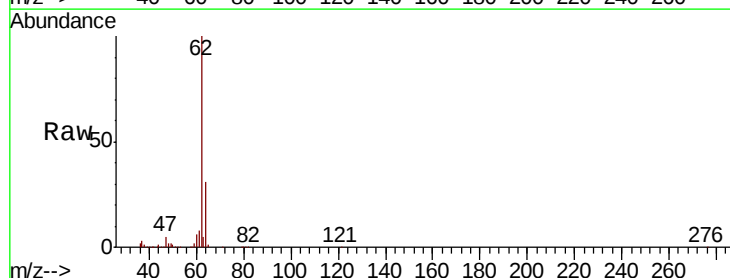
Acq: 30 Oct 2018 11:38

Tgt Ion: 62 Resp: 691004

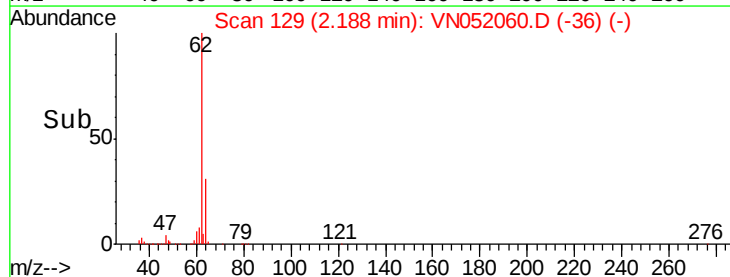
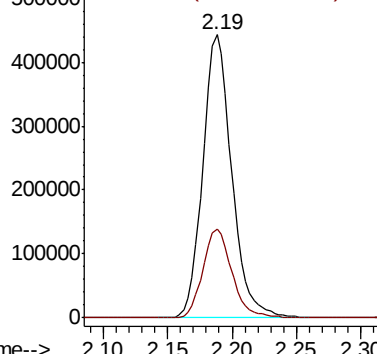
Ion Ratio Lower Upper

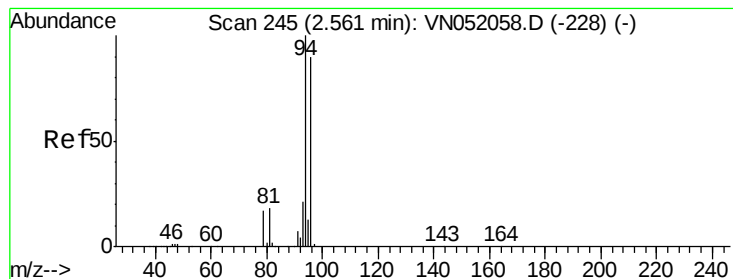
62 100

64 31.5 23.7 35.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 122.869 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

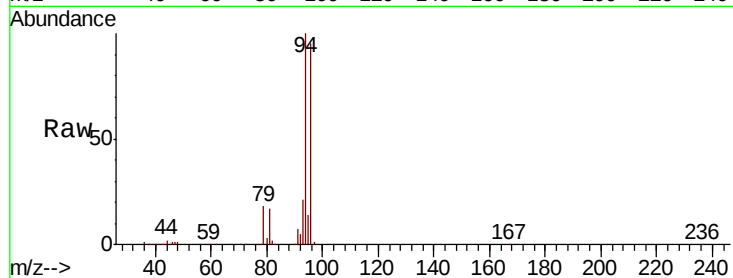
ClientSampled :

Tgt Ion: 94 Resp: 481421

Ion Ratio Lower Upper

94 100

96 94.8 71.8 107.6



Abundance Ion 93.90 (93.60 to 94.60): VN052058.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN052058.D (-228) (-)

2.55

200000

150000

100000

50000

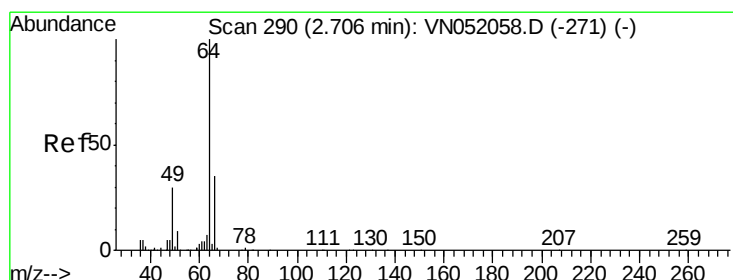
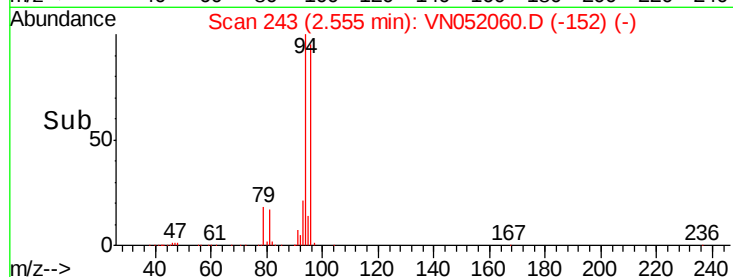
0

2.50

2.60

2.70

Time-->



#6

Chloroethane

Concen: 134.095 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN052060.D

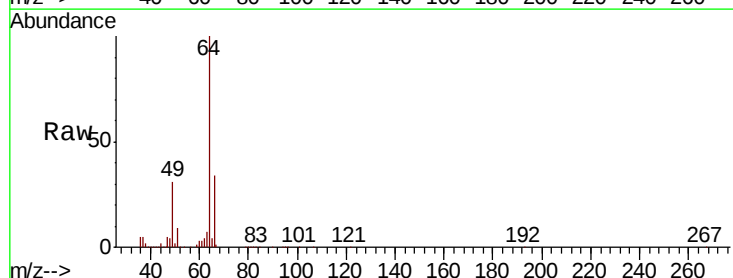
Acq: 30 Oct 2018 11:38

Tgt Ion: 64 Resp: 422269

Ion Ratio Lower Upper

64 100

66 33.6 27.9 41.9



Abundance Ion 63.90 (63.60 to 64.60): VN052058.D (-271) (-)

Ion 65.90 (65.60 to 66.60): VN052058.D (-271) (-)

2.70

200000

150000

100000

50000

0

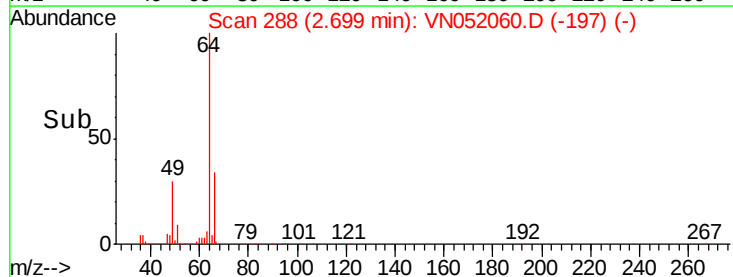
2.60

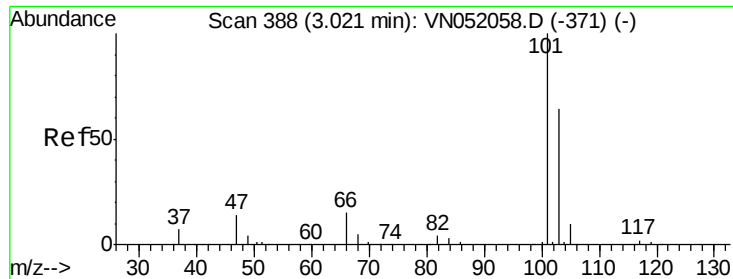
2.70

2.80

2.90

Time-->



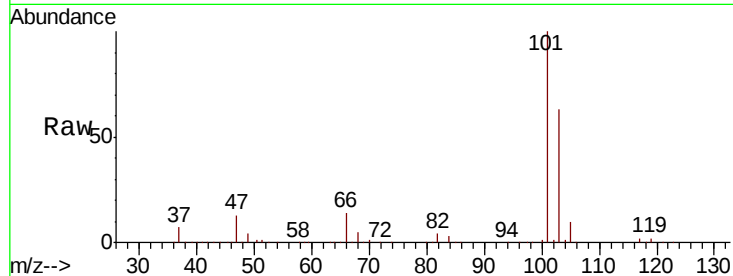


#7

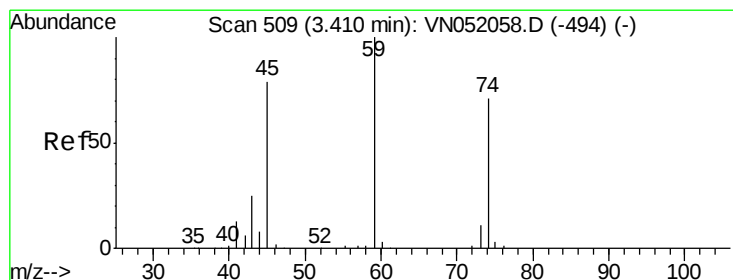
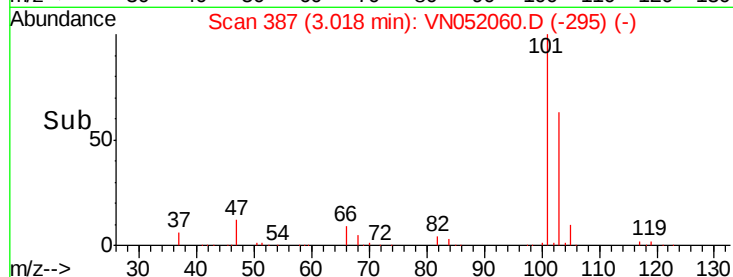
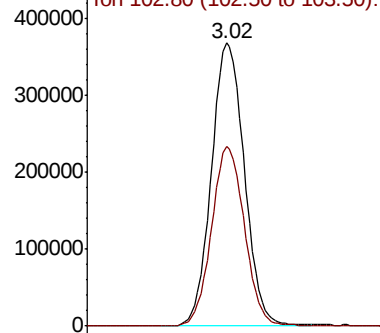
Trichlorofluoromethane
Concen: 152.554 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 835674
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4



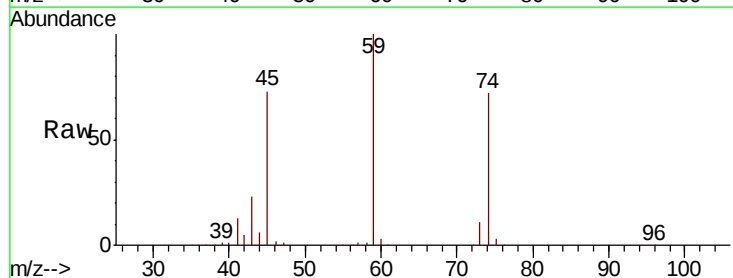
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



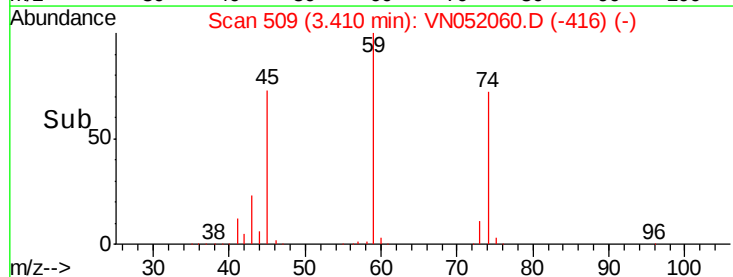
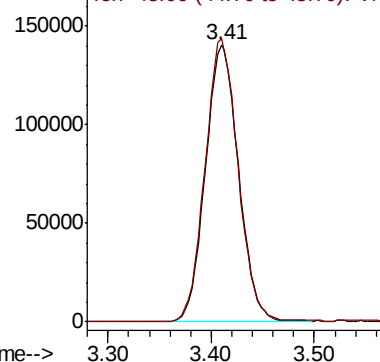
#8

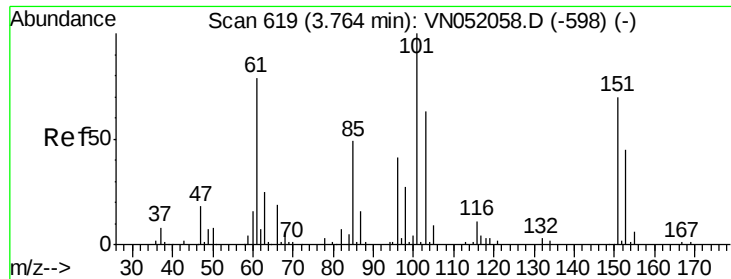
Diethyl Ether
Concen: 154.318 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion: 74 Resp: 314570
Ion Ratio Lower Upper
74 100
45 101.6 55.6 166.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 159.916 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

ClientSampled :

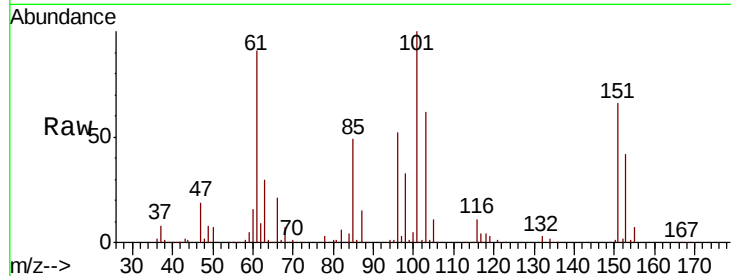
Tgt Ion:101 Resp: 499326

Ion Ratio Lower Upper

101 100

85 47.3 38.6 58.0

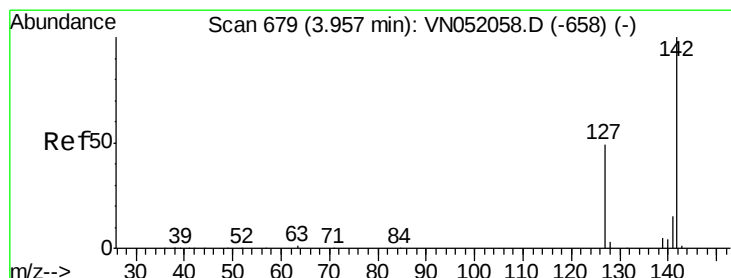
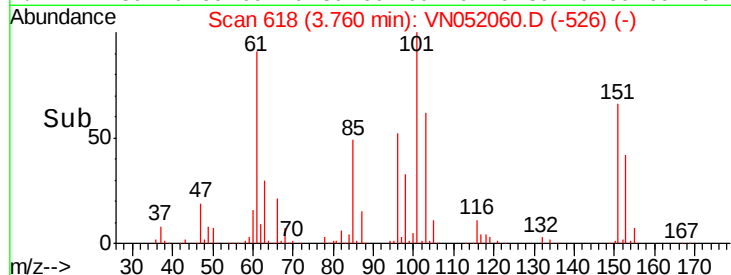
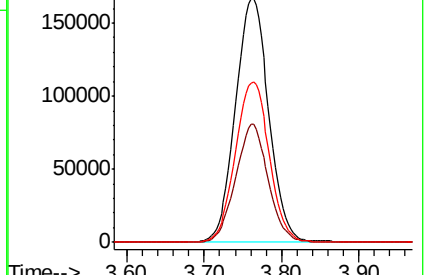
151 67.0 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 156.136 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

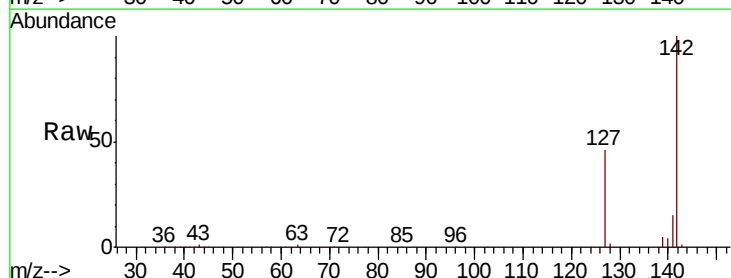
Tgt Ion:142 Resp: 699335

Ion Ratio Lower Upper

142 100

127 46.1 37.3 55.9

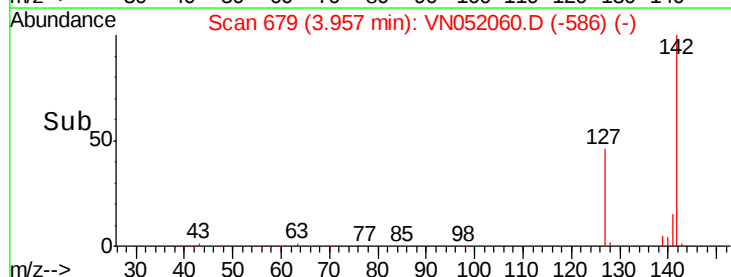
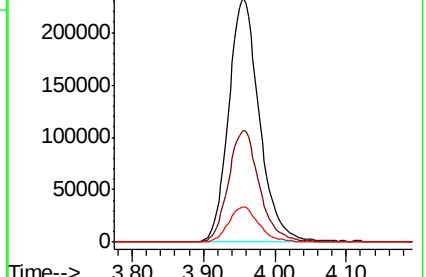
141 14.3 11.4 17.2

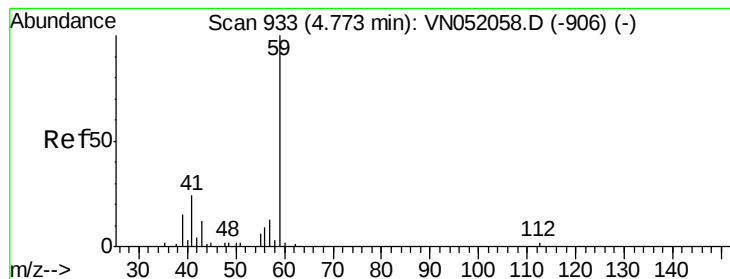


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



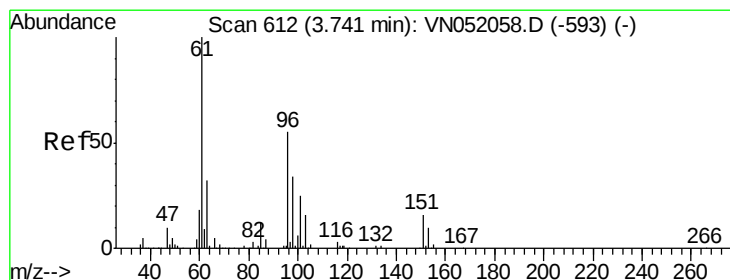
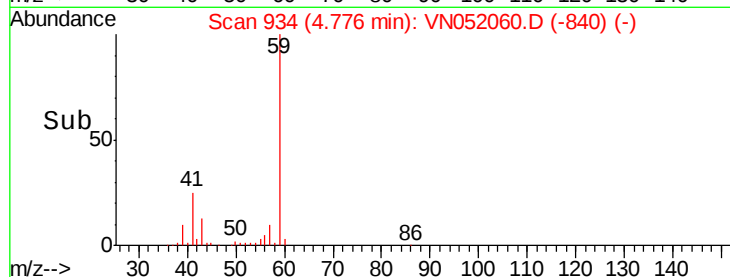
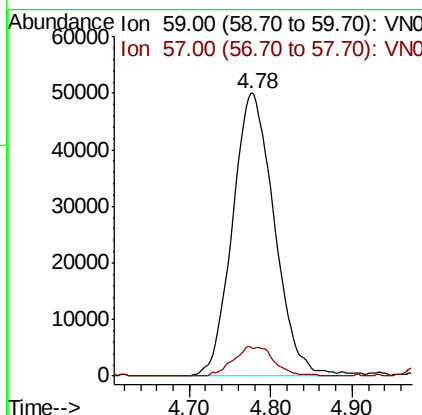
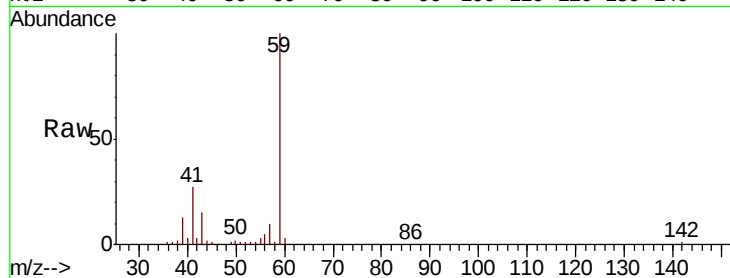


#11

Tert butyl alcohol
 Concen: 819.986 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Instrument :
 MSVOA_N
 ClientSampled :

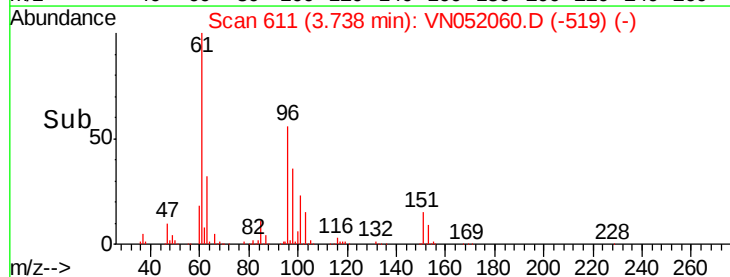
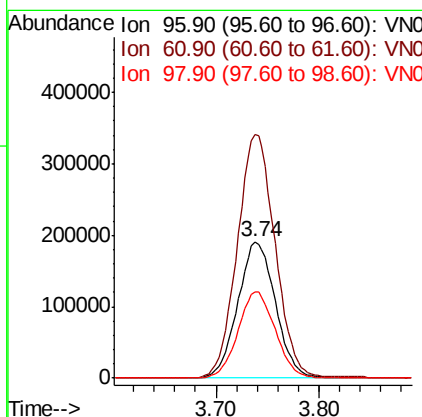
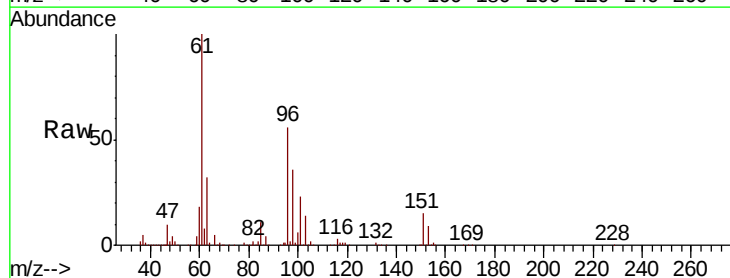
Tgt Ion: 59 Resp: 177606
 Ion Ratio Lower Upper
 59 100
 57 5.4 7.0 10.6#

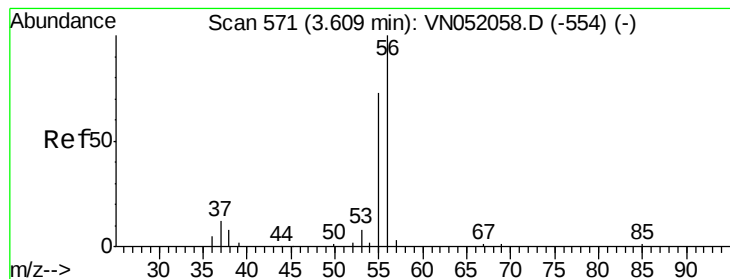


#12

1,1-Dichloroethene
 Concen: 163.080 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion: 96 Resp: 484270
 Ion Ratio Lower Upper
 96 100
 61 178.5 145.7 218.5
 98 63.7 49.8 74.8





#13

Acrolein

Concen: 845.333 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

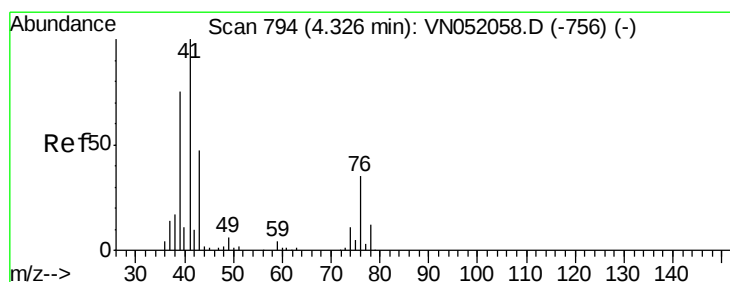
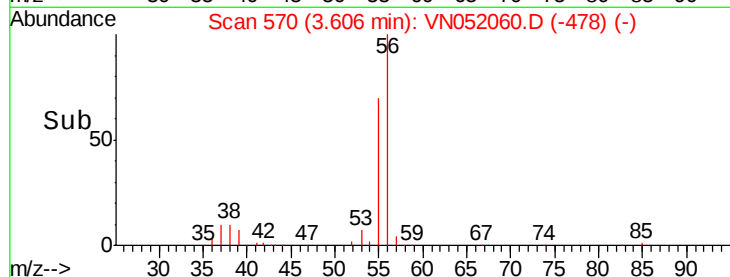
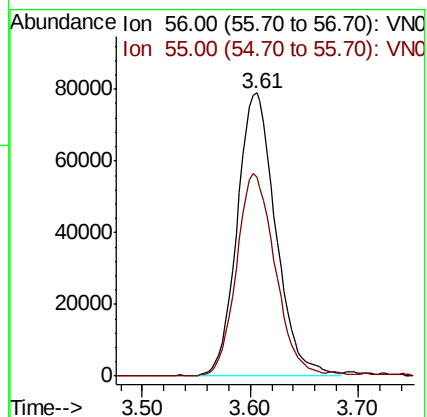
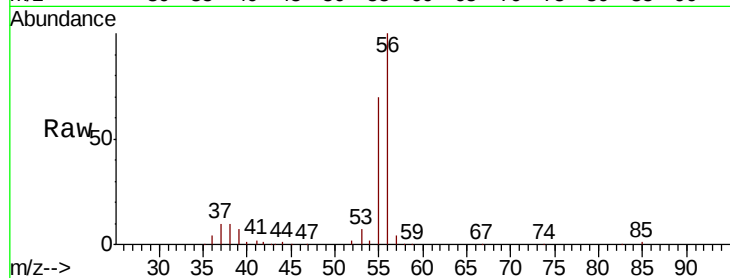
ClientSampleId :

Tgt Ion: 56 Resp: 196391

Ion Ratio Lower Upper

56 100

55 70.8 59.9 89.9



#14

Allyl chloride

Concen: 147.928 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

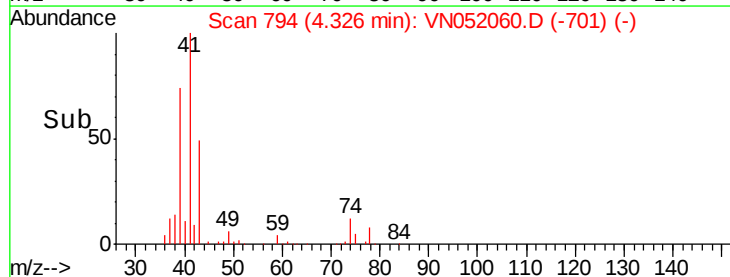
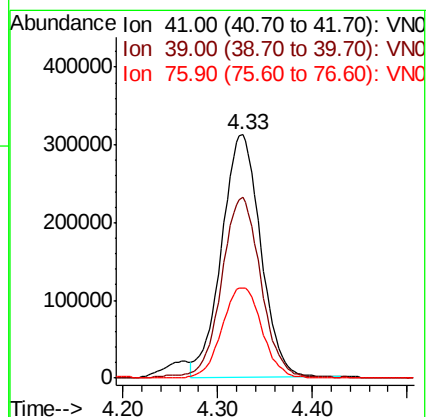
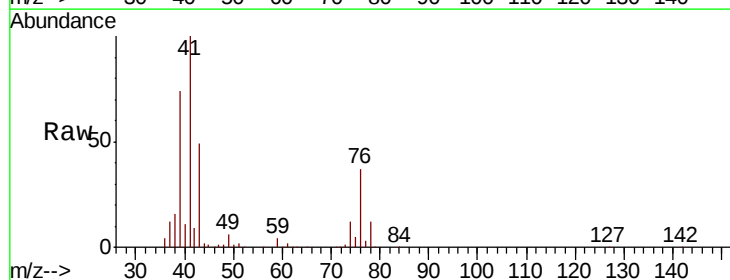
Tgt Ion: 41 Resp: 895936

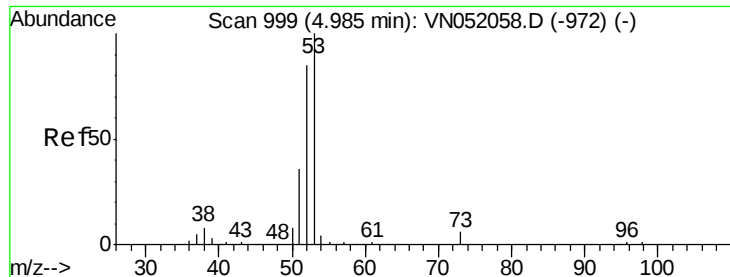
Ion Ratio Lower Upper

41 100

39 75.1 58.1 87.1

76 37.7 26.0 39.0





#15

Acrylonitrile

Concen: 779.970 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

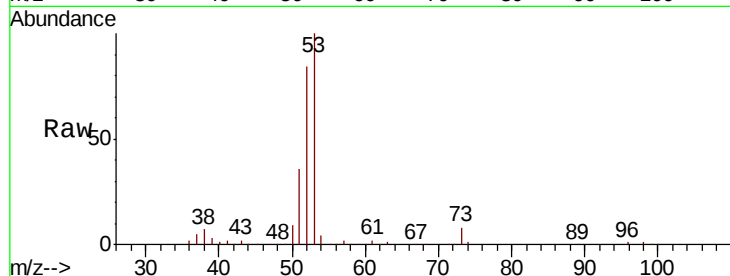
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 53 Resp: 1007453

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.6	100.0
51	36.6	29.0	43.6

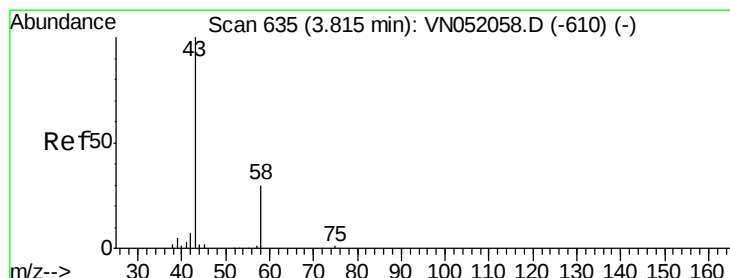
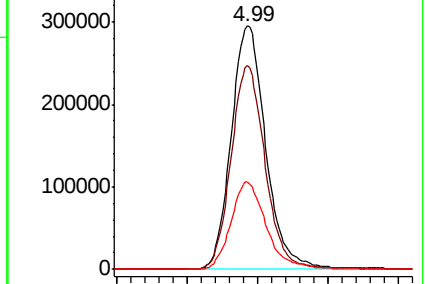
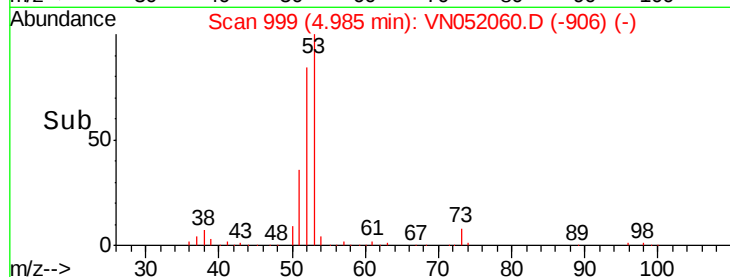


Abundance

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: 673.839 ug/l

RT: 3.81 min Scan# 634

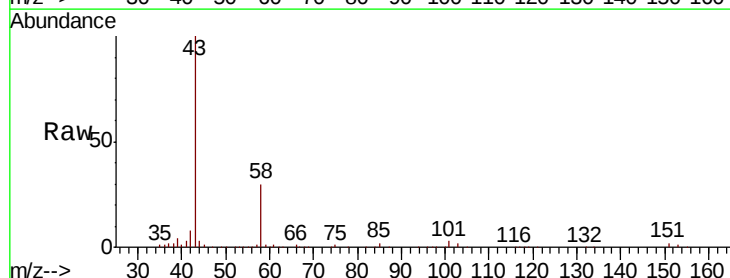
Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Tgt Ion: 43 Resp: 717268

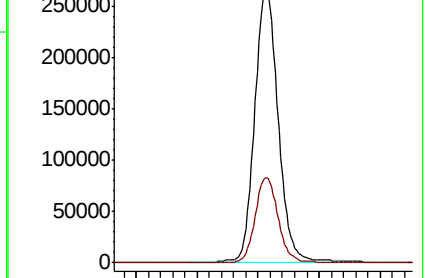
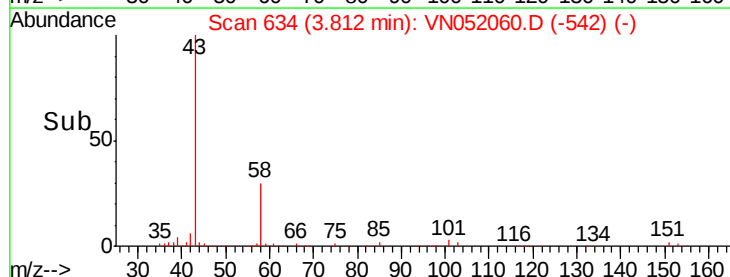
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.2	36.2

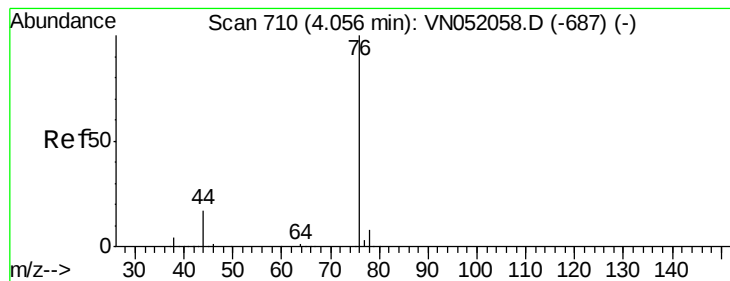


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 162.780 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

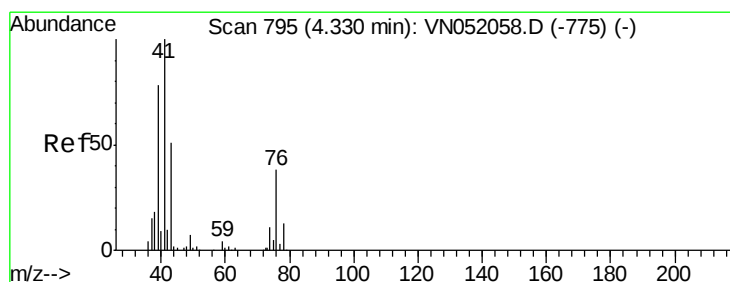
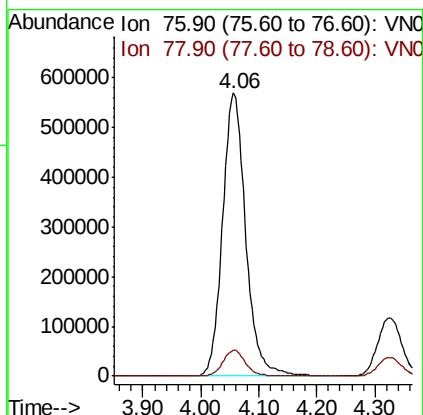
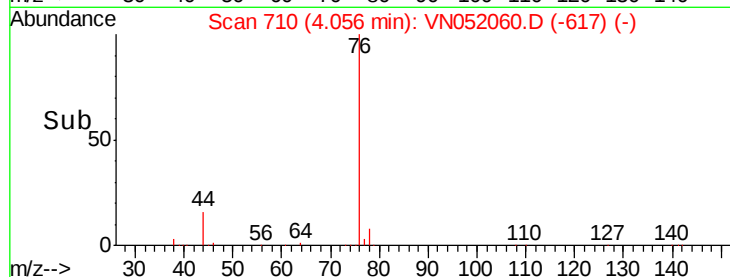
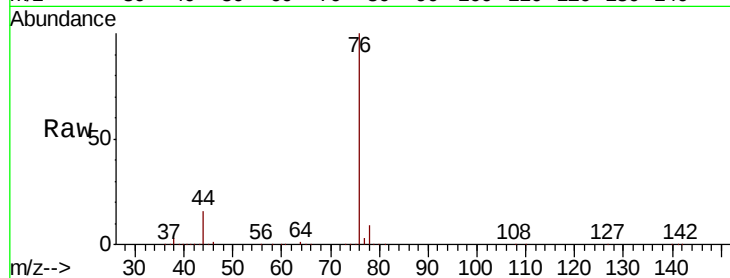
ClientSampleId :

Tgt Ion: 76 Resp: 1573390

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#18

Methyl Acetate

Concen: 134.857 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN052060.D

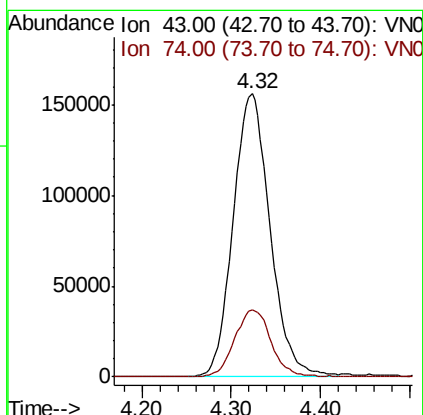
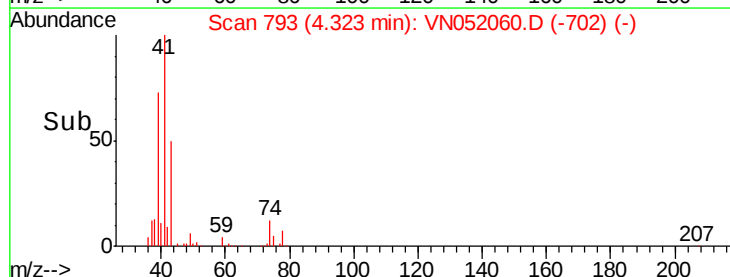
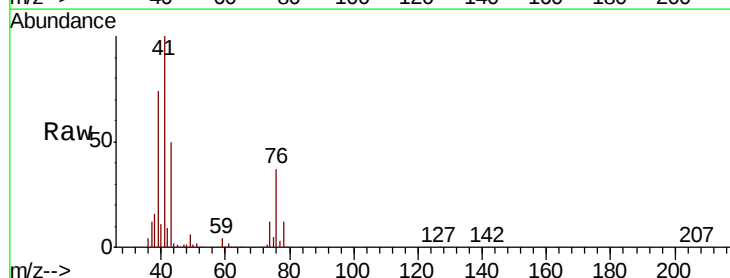
Acq: 30 Oct 2018 11:38

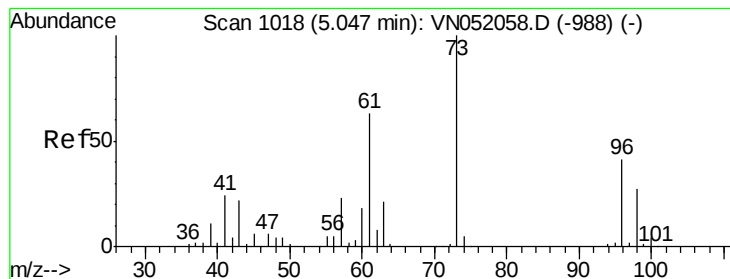
Tgt Ion: 43 Resp: 445989

Ion Ratio Lower Upper

43 100

74 23.5 17.9 26.9



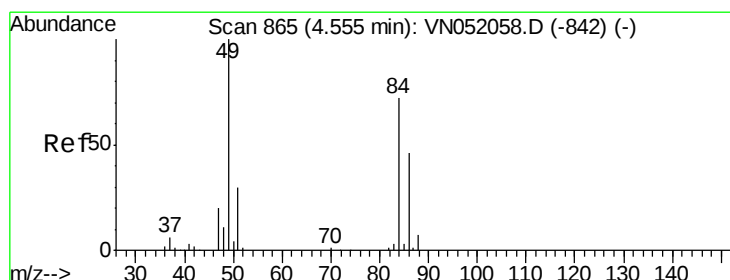
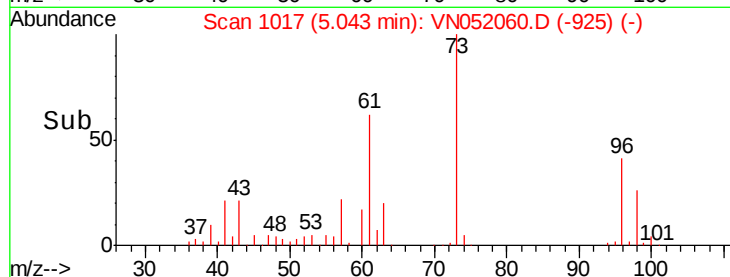
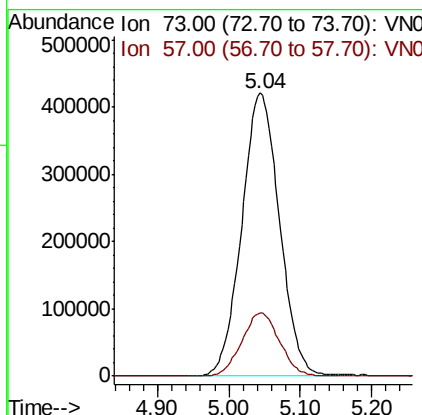
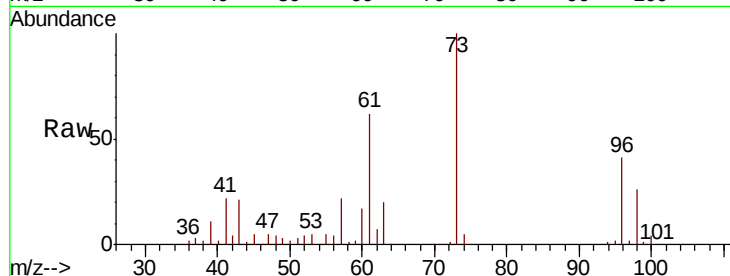


#19

Methyl tert-butyl Ether
 Concen: 156.090 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Instrument :
 MSVOA_N
 ClientSampled :

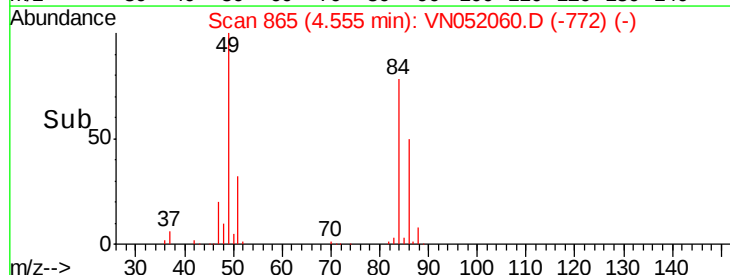
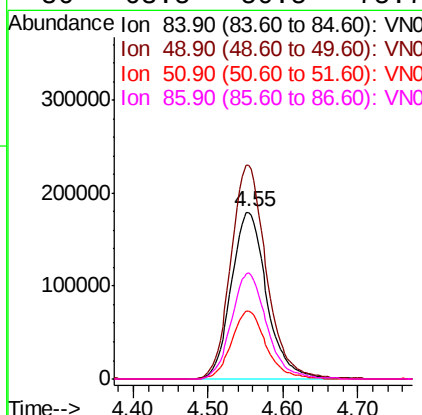
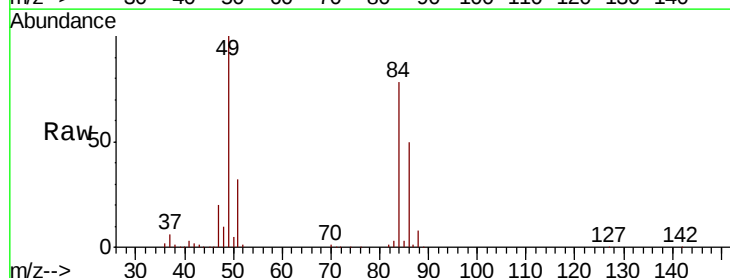
Tgt Ion: 73 Resp: 1549929
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.7 28.1

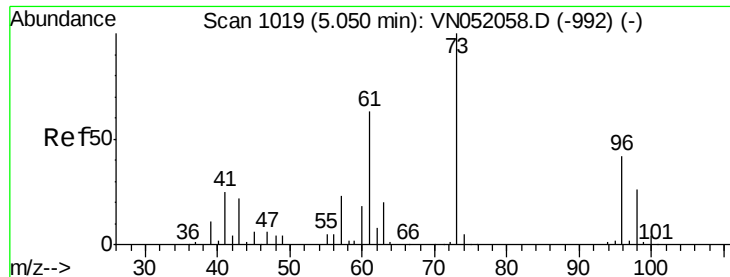


#20

Methylene Chloride
 Concen: 161.421 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion: 84 Resp: 591009
 Ion Ratio Lower Upper
 84 100
 49 127.9 110.6 165.8
 51 40.7 33.7 50.5
 86 63.5 50.5 75.7

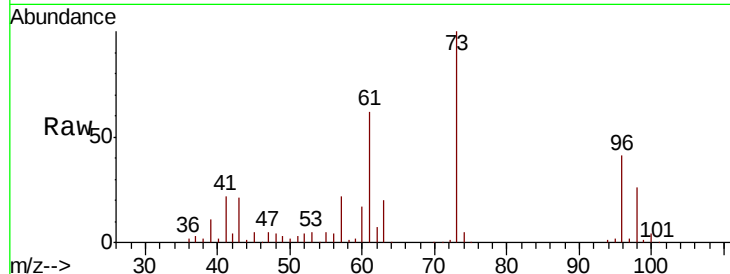




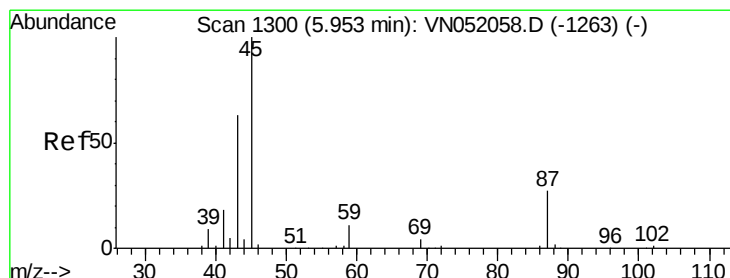
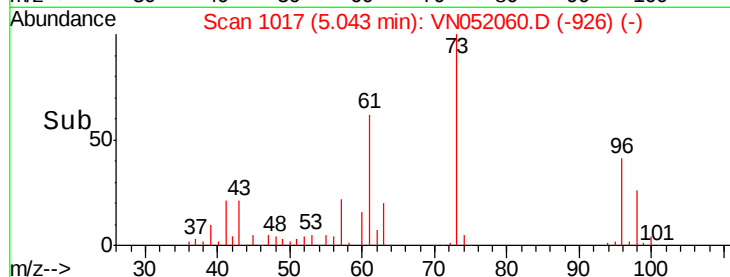
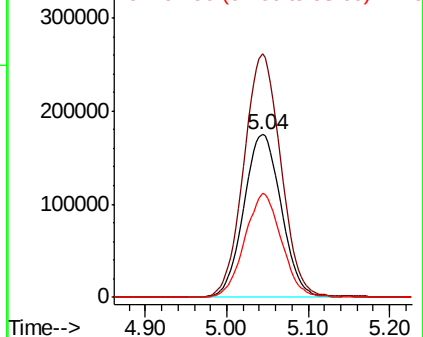
#21
trans-1,2-Dichloroethene
Concen: 165.121 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 556398
Ion Ratio Lower Upper
96 100
61 149.7 118.6 178.0
98 63.7 49.7 74.5

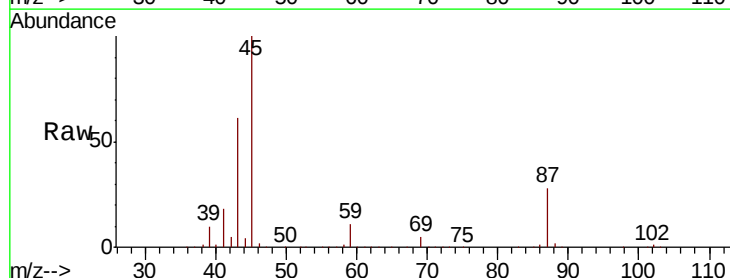


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

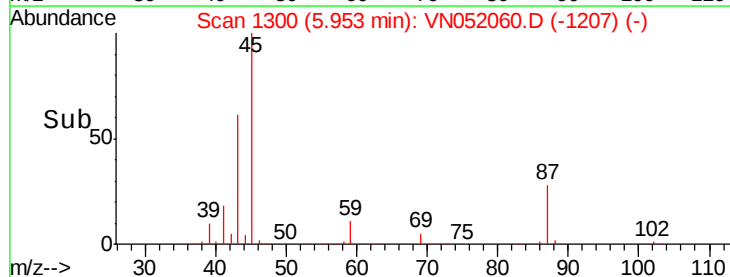
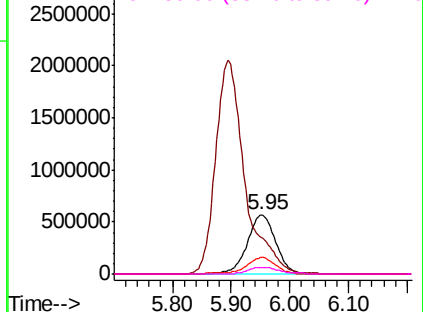


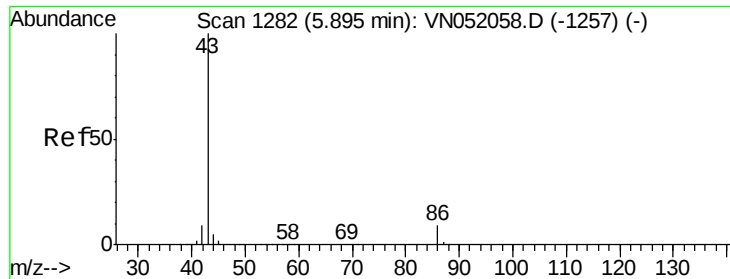
#22
Diisopropyl ether
Concen: 141.785 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion: 45 Resp: 1916703
Ion Ratio Lower Upper
45 100
43 59.8 50.5 75.7
87 27.5 21.5 32.3
59 11.4 8.6 13.0



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: 792.313 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

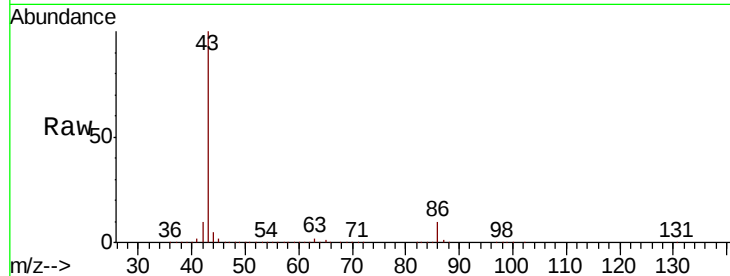
ClientSampleId :

Tgt Ion: 43 Resp: 7084651

Ion Ratio Lower Upper

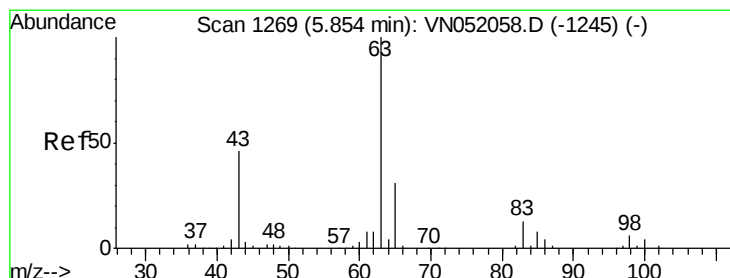
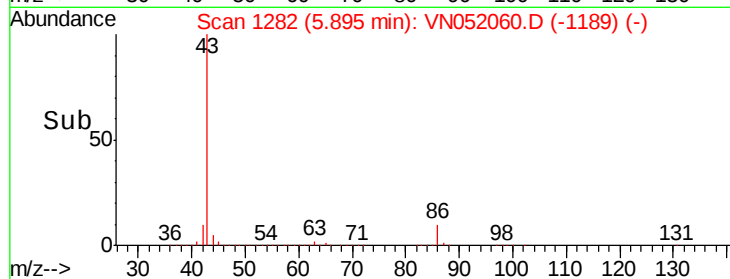
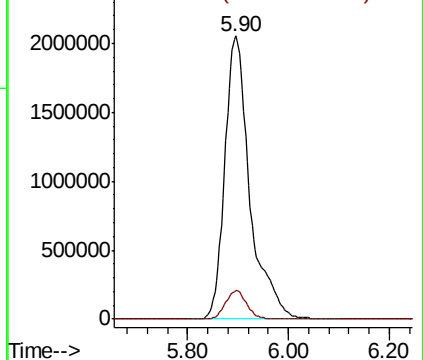
43 100

86 10.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 146.828 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

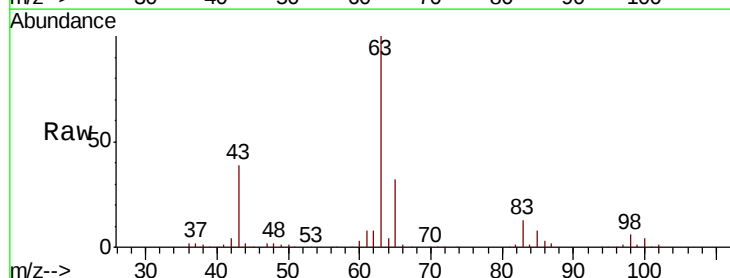
Tgt Ion: 63 Resp: 1092890

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

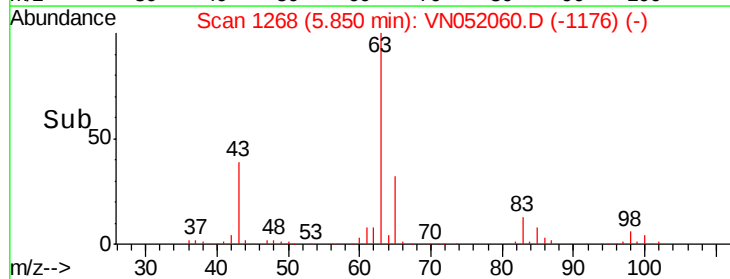
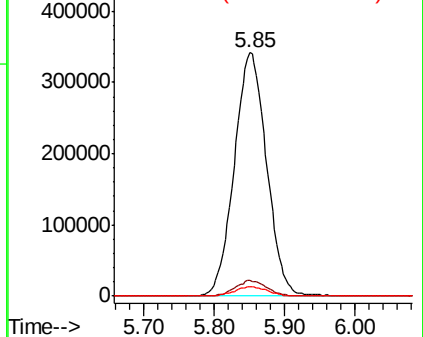
100 3.8 2.0 6.0

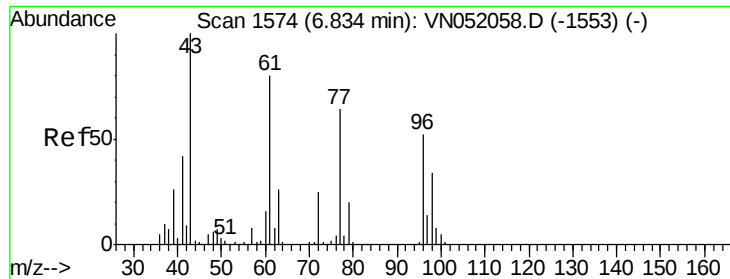


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 772.358 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

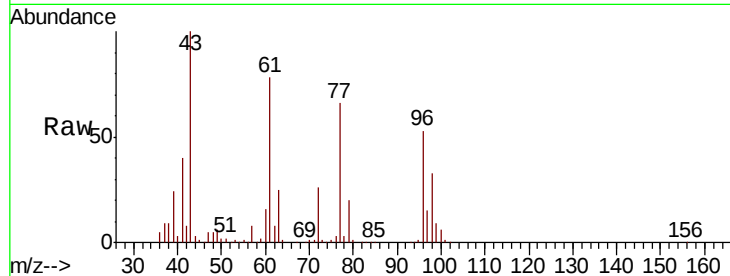
ClientSampled :

Tgt Ion: 43 Resp: 1161002

Ion Ratio Lower Upper

43 100

72 25.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.83

400000

300000

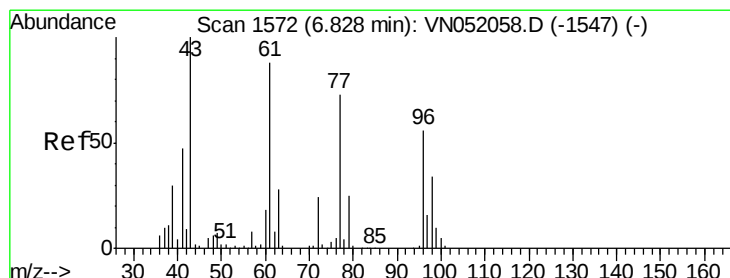
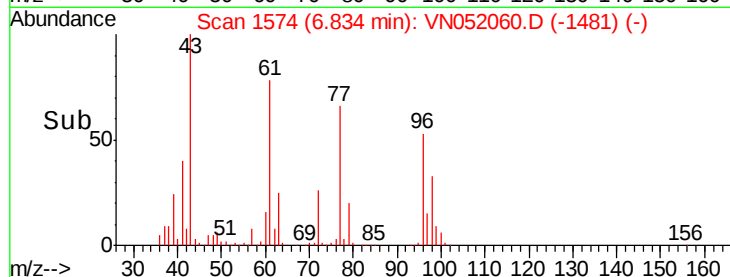
200000

100000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 149.512 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN052060.D

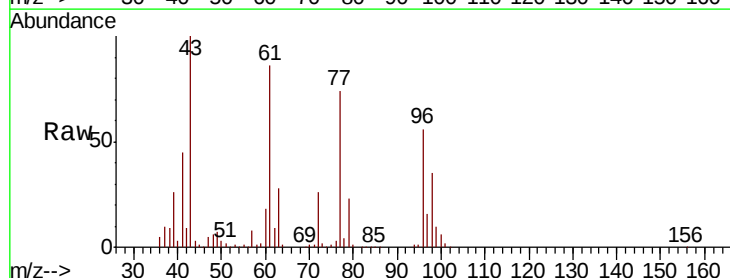
Acq: 30 Oct 2018 11:38

Tgt Ion: 77 Resp: 908444

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

300000

250000

200000

150000

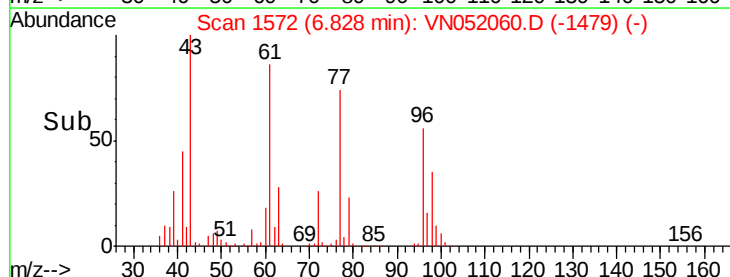
100000

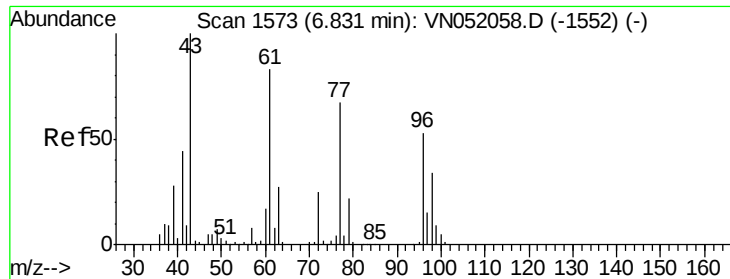
50000

0

6.70 6.80 6.90 7.00

Time-->





#27

cis-1,2-Dichloroethene

Concen: 152.272 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

ClientSampled :

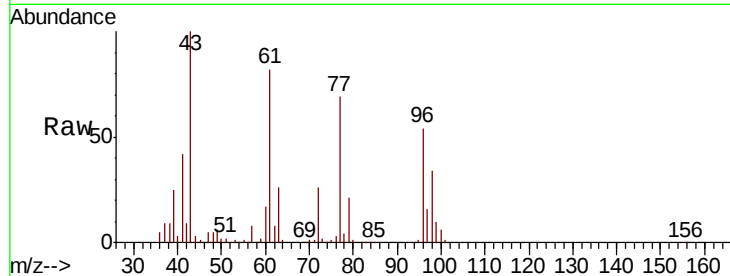
Tgt Ion: 96 Resp: 635961

Ion Ratio Lower Upper

96 100

61 153.5 0.0 312.8

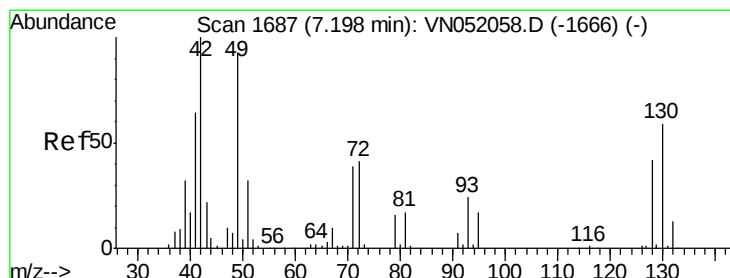
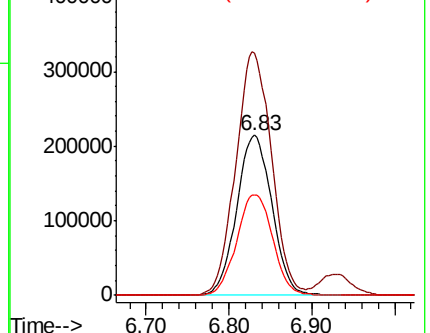
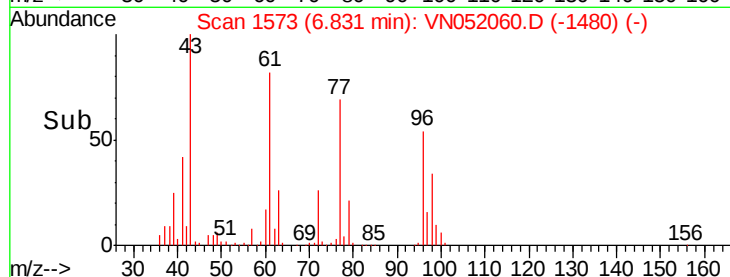
98 64.1 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN052060.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052060.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052060.D (-1480) (-)



#28

Bromochloromethane

Concen: 124.689 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

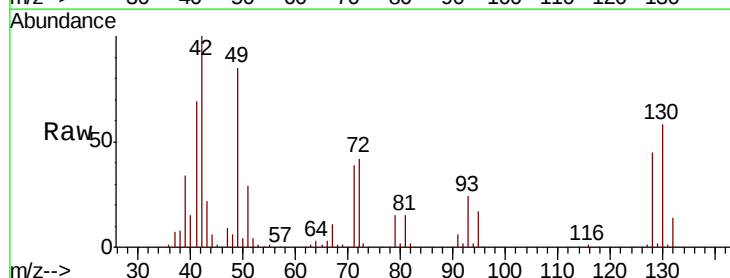
Tgt Ion: 49 Resp: 508198

Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.4

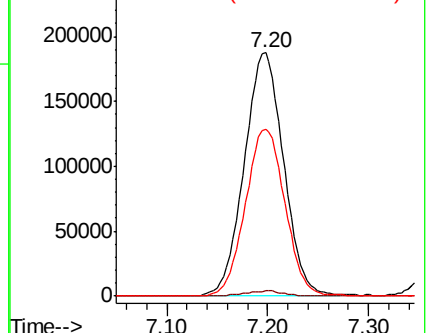
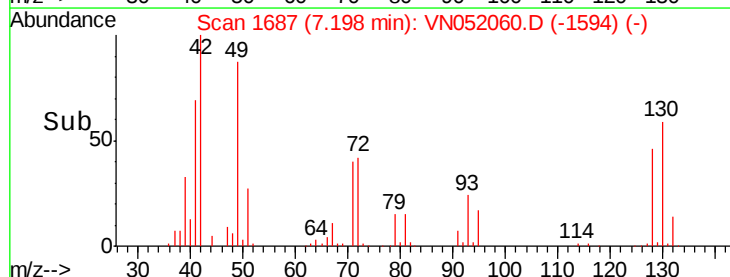
130 69.0 50.8 76.2

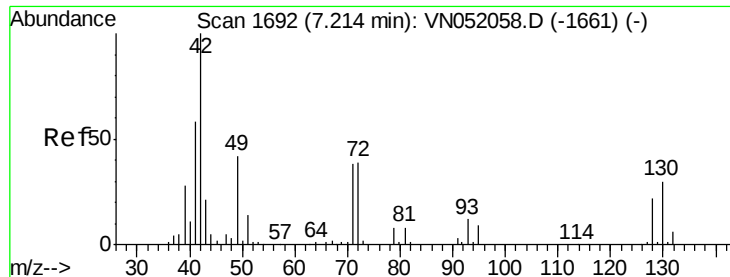


Abundance Ion 48.90 (48.60 to 49.60): VN052060.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN052060.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN052060.D (-1594) (-)

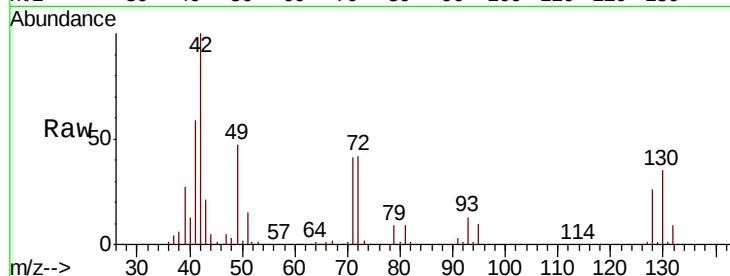




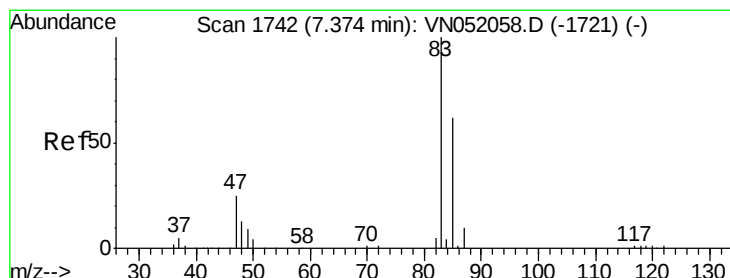
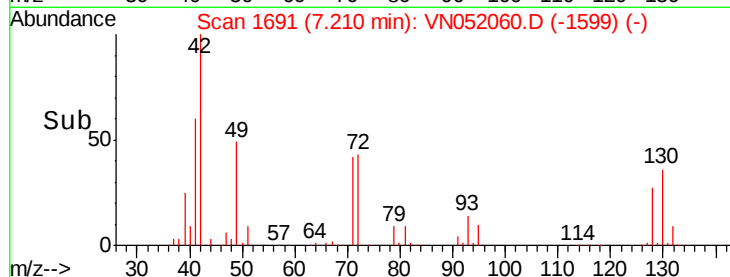
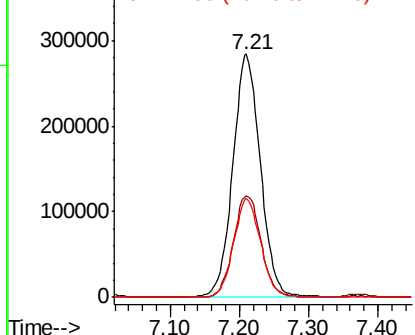
#29
Tetrahydrofuran
Concen: 734.848 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 788103
Ion Ratio Lower Upper
42 100
72 42.0 32.5 48.7
71 39.9 30.6 46.0

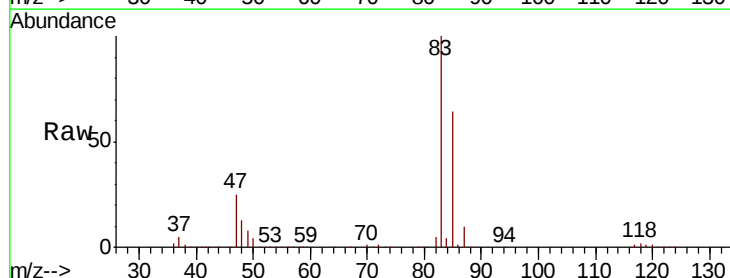


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

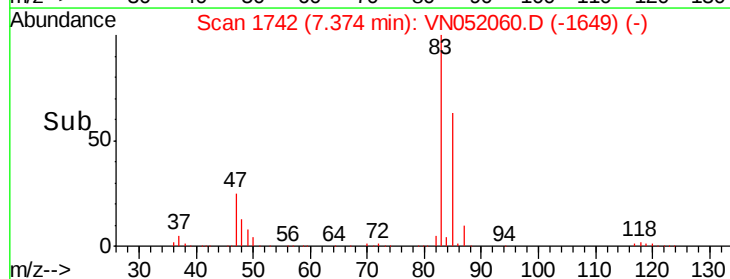
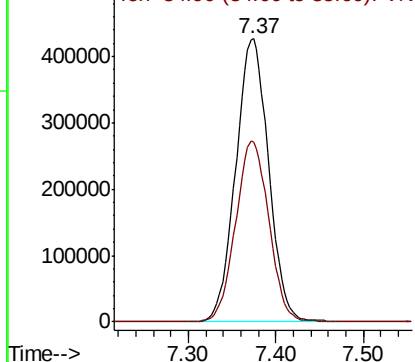


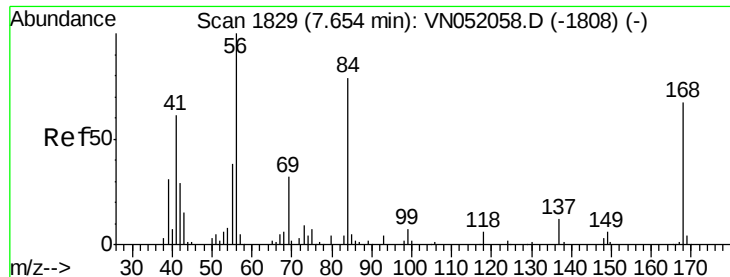
#30
Chloroform
Concen: 146.517 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion: 83 Resp: 1113053
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4



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

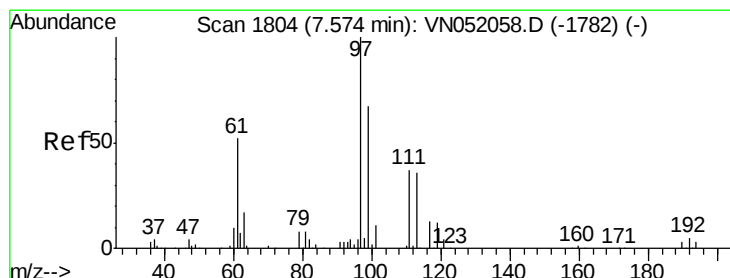
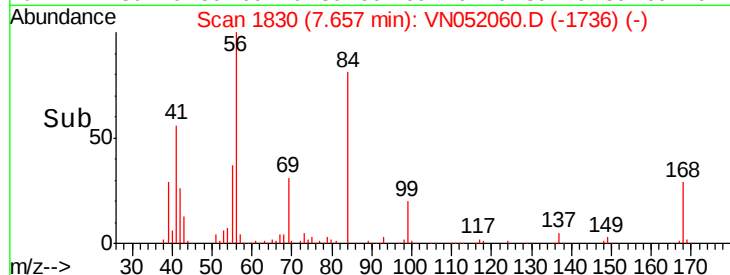
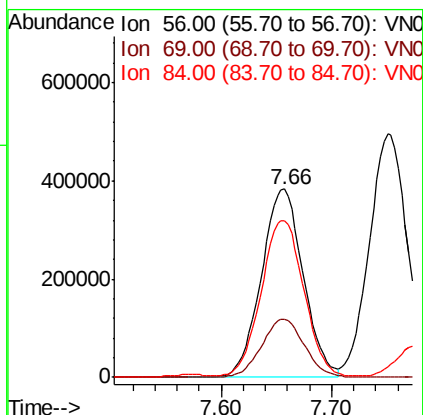
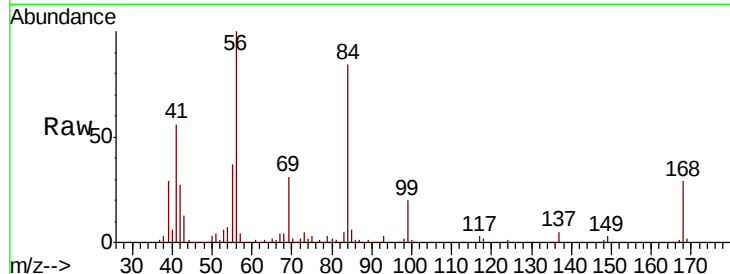




#31
Cyclohexane
Concen: 85.637 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

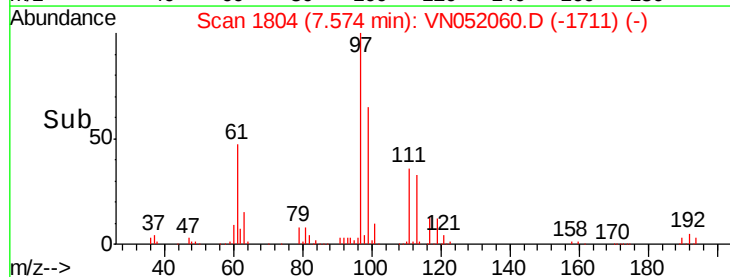
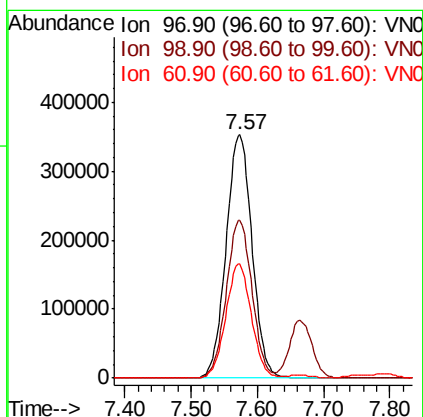
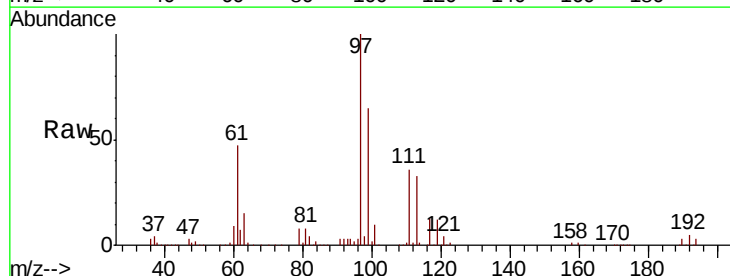
Instrument :
MSVOA_N
ClientSampleId :

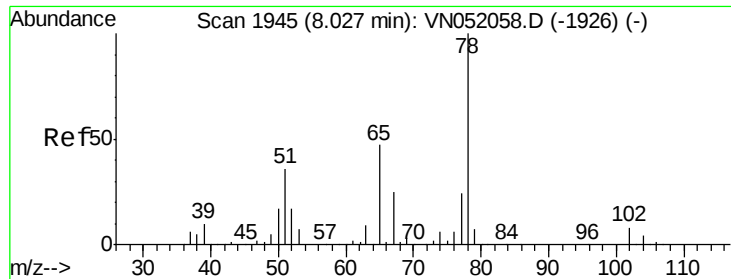
Tgt Ion: 56 Resp: 1011498
Ion Ratio Lower Upper
56 100
69 30.6 25.8 38.6
84 81.8 63.5 95.3



#32
1,1,1-Trichloroethane
Concen: 166.411 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion: 97 Resp: 960797
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 46.1 40.3 60.5

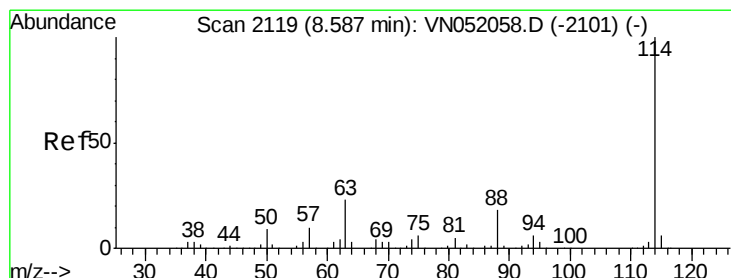
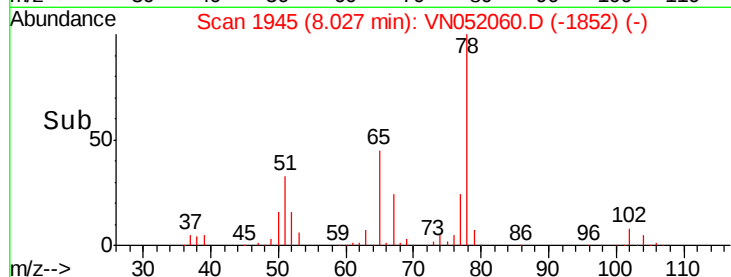
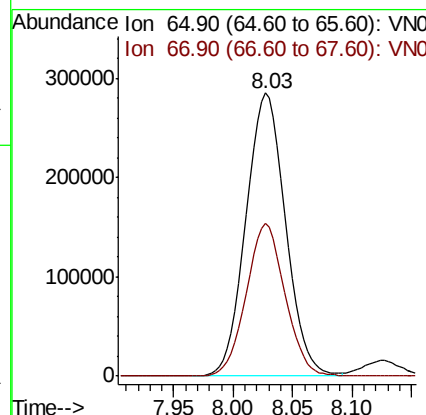
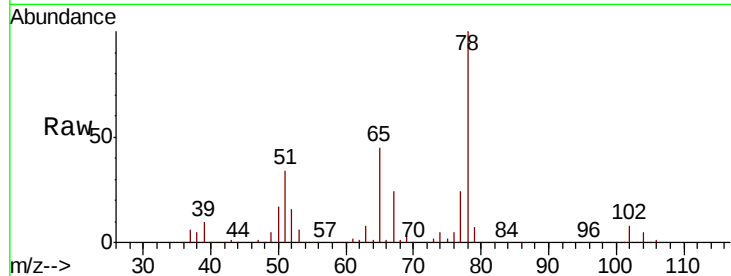




#33
 1,2-Dichloroethane-d4
 Concen: 166.411 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

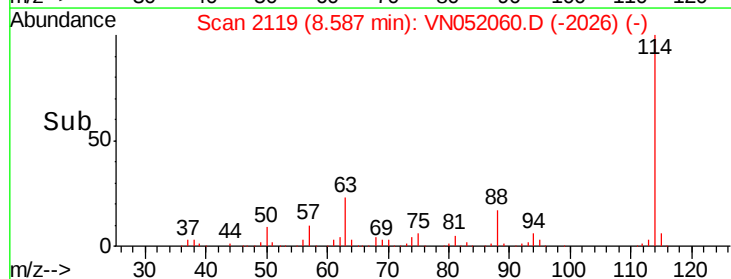
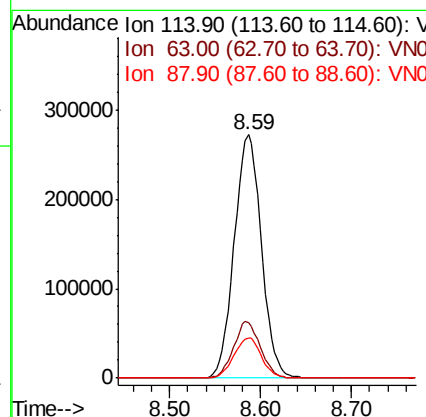
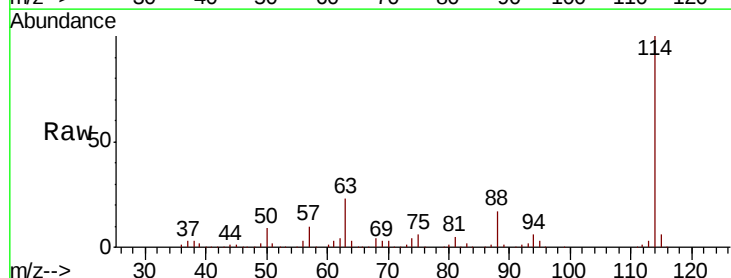
Instrument :
 MSVOA_N
 ClientSampleId :

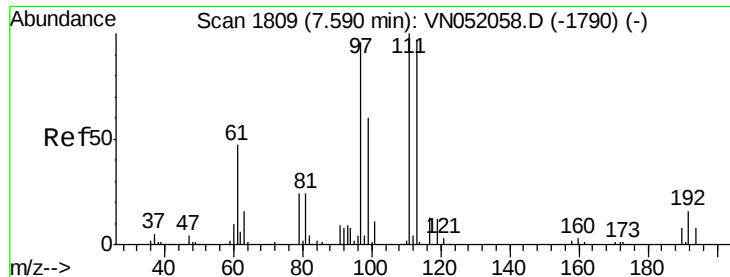
Tgt Ion: 65 Resp: 658420
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion: 114 Resp: 565107
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.0
 88 16.6 0.0 35.4

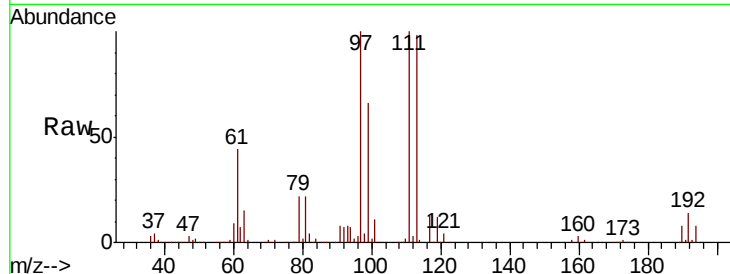




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Instrument :
 MSVOA_N
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	15.6	12.7	19.1

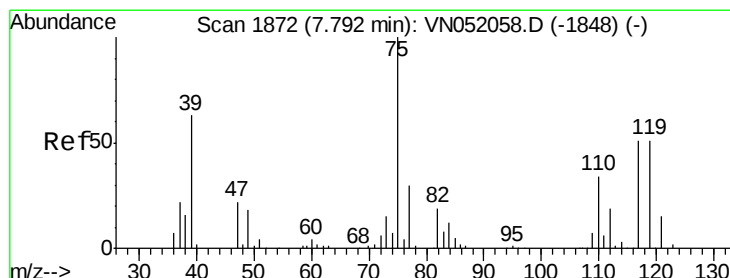
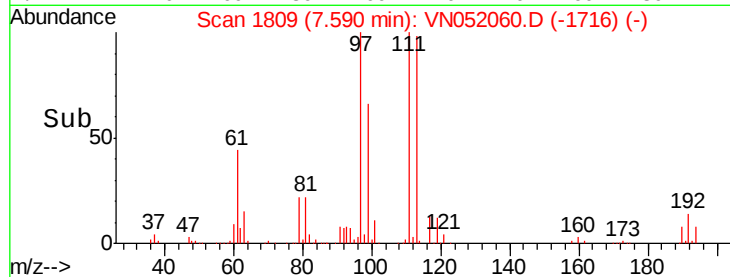
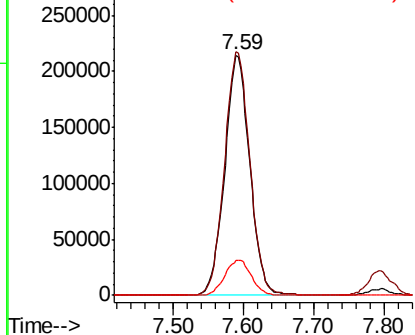


Abundance

Ion 112.80 (112.50 to 113.50): V

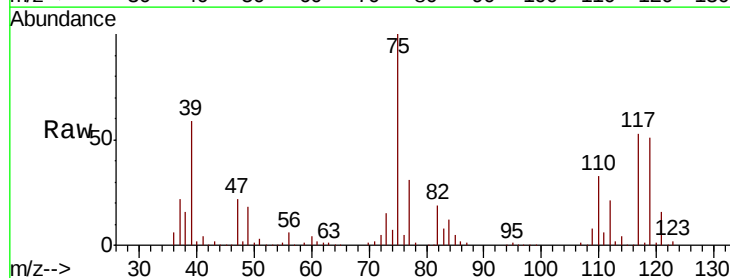
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 151.164 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.0	48.0
77	31.1	24.5	36.7

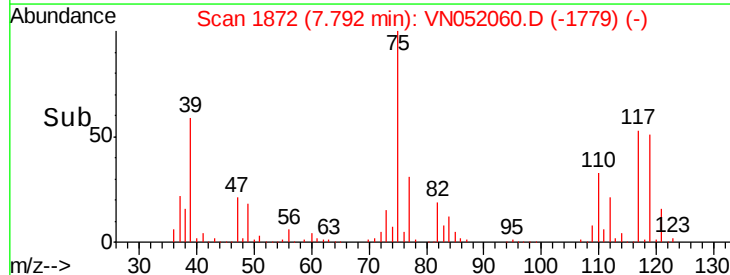
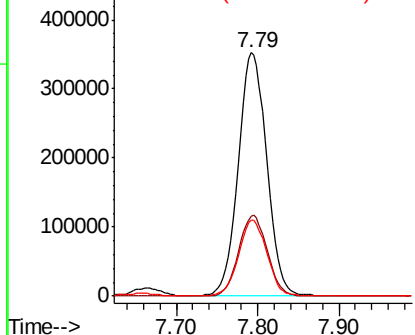


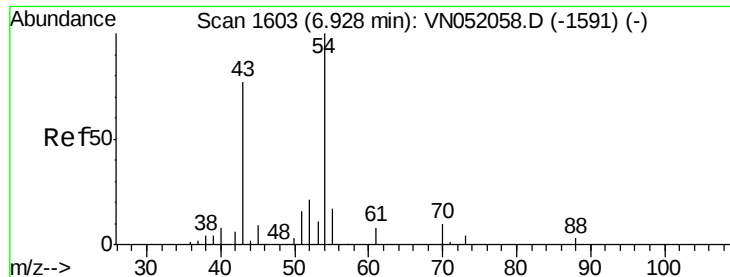
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

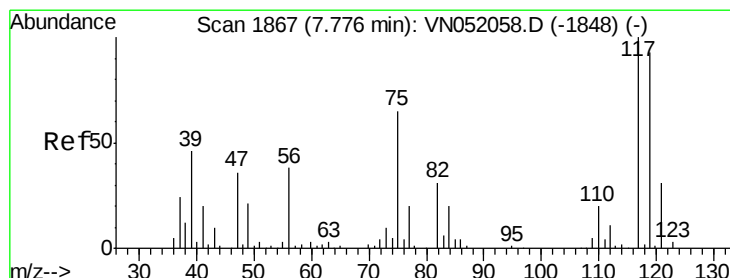
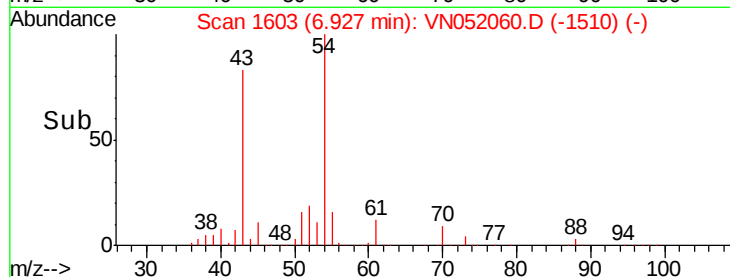
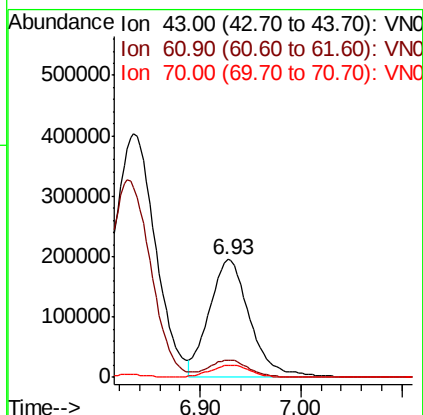
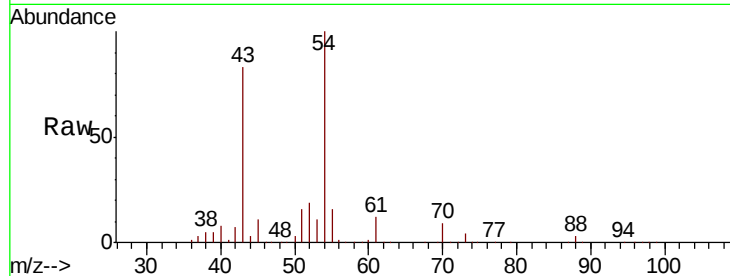




#37
 Ethyl Acetate
 Concen: 161.601 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

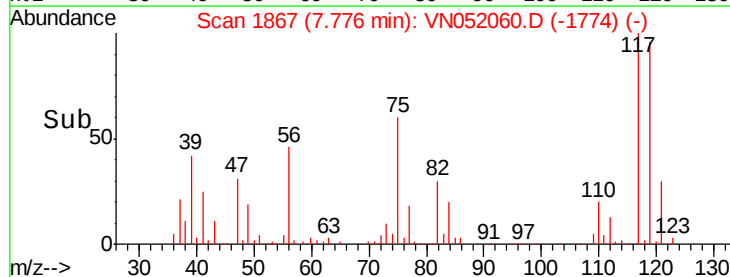
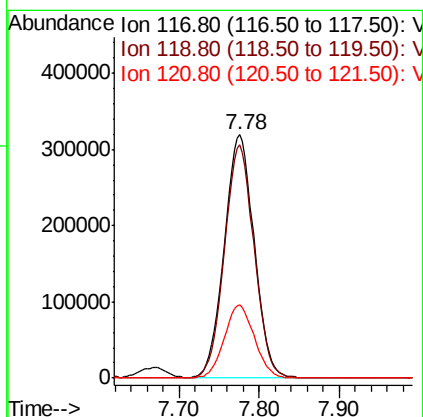
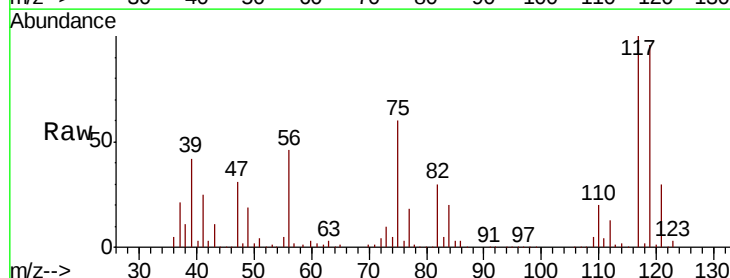
Instrument :
 MSVOA_N
 ClientSampled :

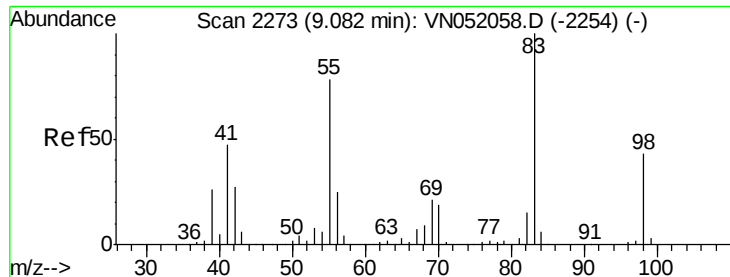
Tgt Ion: 43 Resp: 540618
 Ion Ratio Lower Upper
 43 100
 61 14.3 10.9 16.3
 70 10.2 8.6 12.8



#38
 Carbon Tetrachloride
 Concen: 174.527 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion: 117 Resp: 813212
 Ion Ratio Lower Upper
 117 100
 119 95.6 74.8 112.2
 121 29.9 25.1 37.7

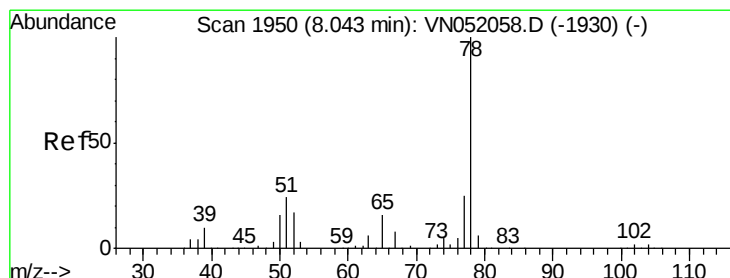
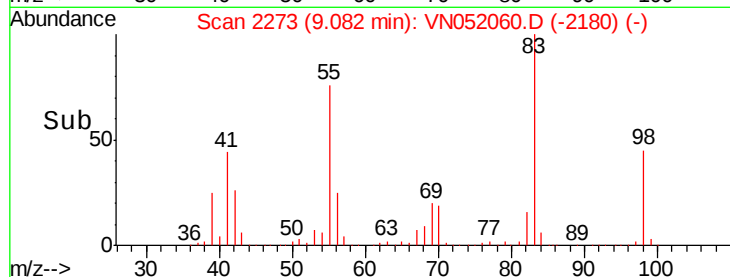
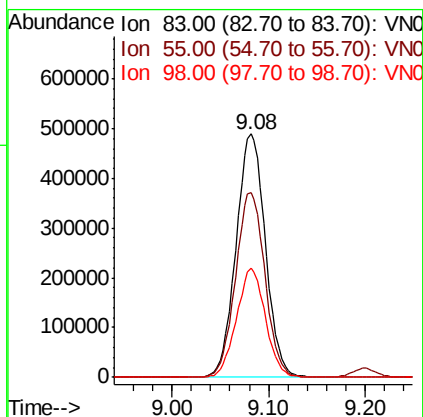
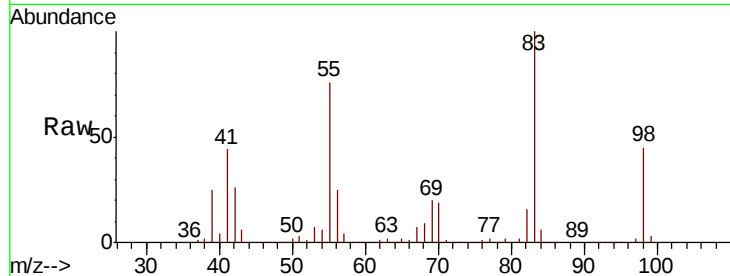




#39
Methylcyclohexane
Concen: 153.550 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

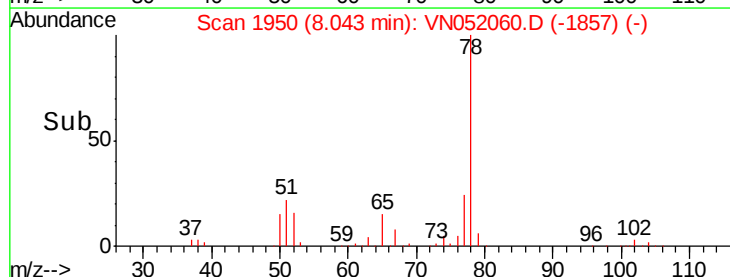
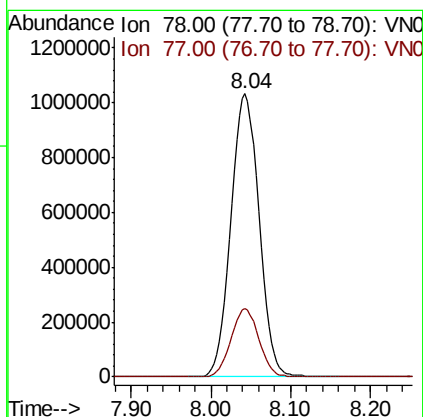
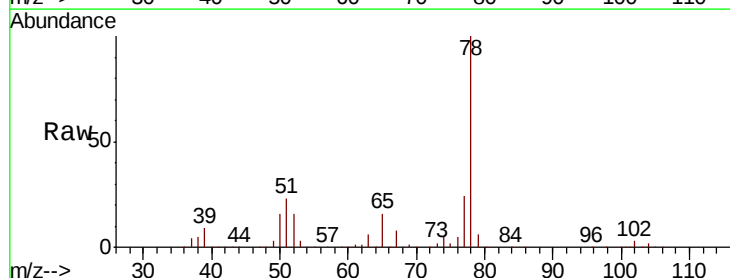
Instrument :
MSVOA_N
ClientSampled :

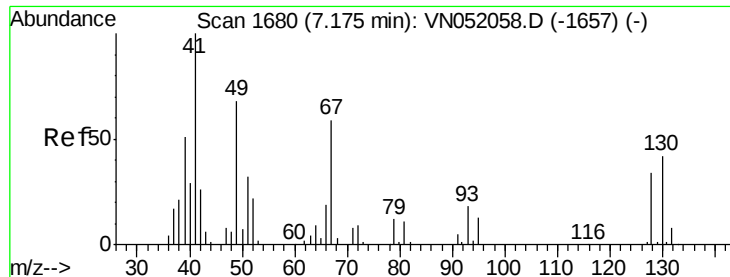
Tgt Ion: 83 Resp: 1028439
Ion Ratio Lower Upper
83 100
55 75.8 62.0 93.0
98 44.8 34.7 52.1



#40
Benzene
Concen: 154.935 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion: 78 Resp: 2458988
Ion Ratio Lower Upper
78 100
77 24.1 19.8 29.6

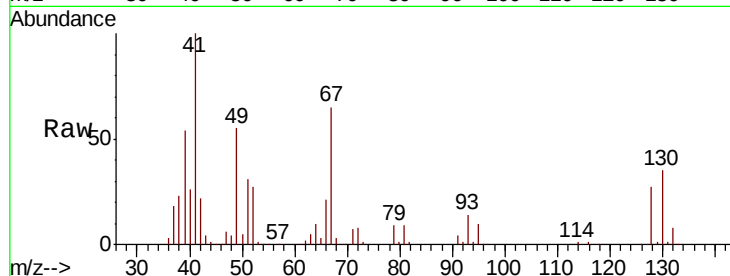




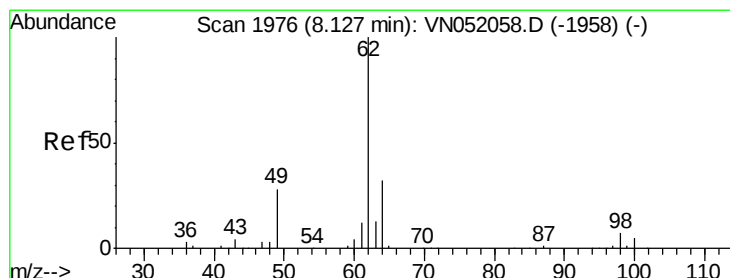
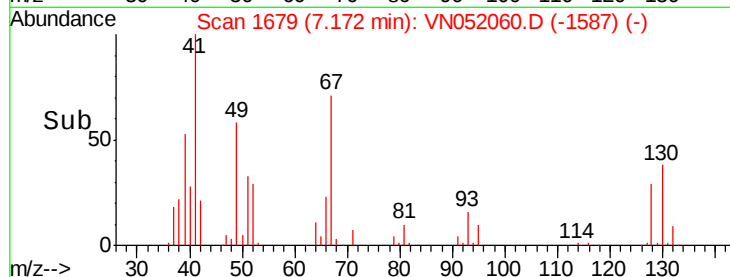
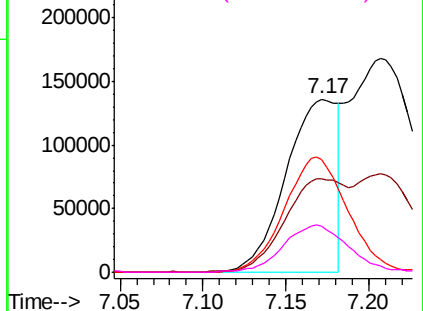
#41
Methacrylonitrile
Concen: 227.953 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 41 Resp: 292683
Ion Ratio Lower Upper
41 100
39 63.7 33.2 49.8#
67 82.4 63.5 95.3
52 34.3 25.6 38.4

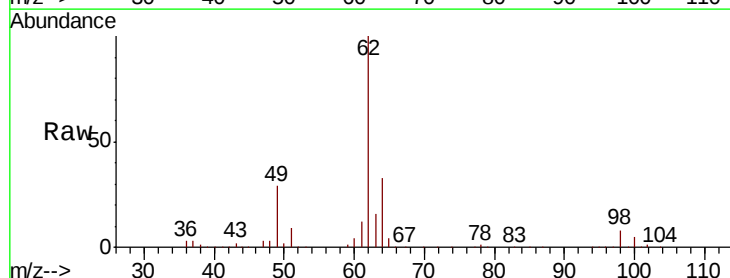


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

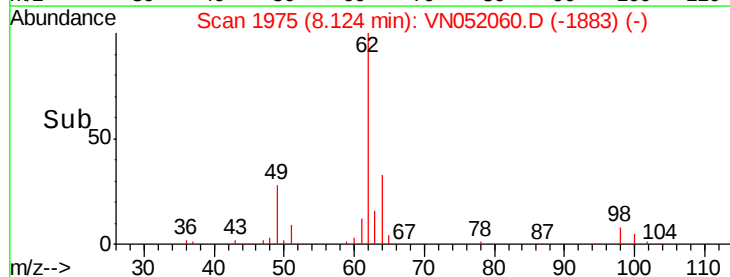
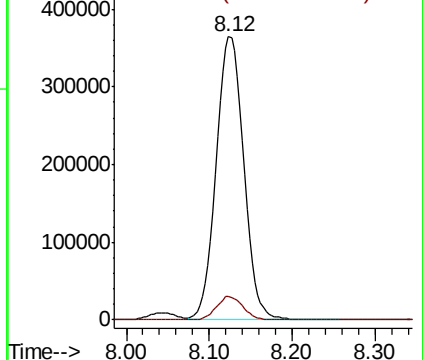


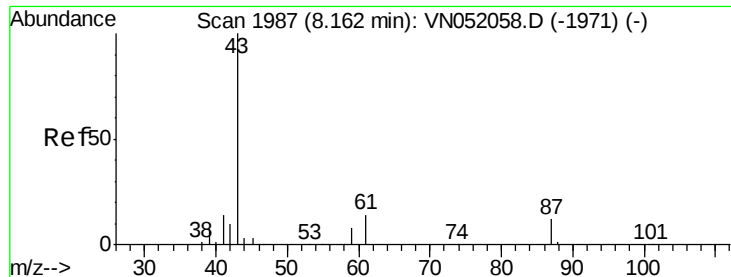
#42
1,2-Dichloroethane
Concen: 133.644 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion: 62 Resp: 841965
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 159.570 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

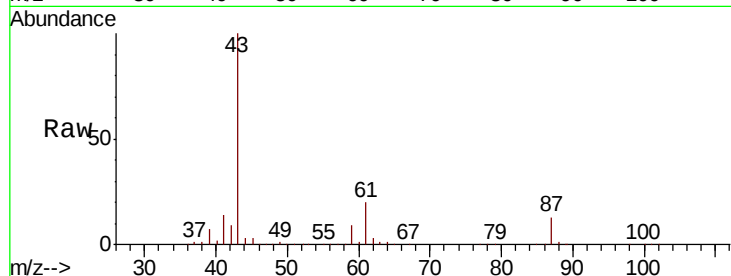
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 1033414

Ion	Ratio	Lower	Upper
43	100		
61	27.9	15.4	23.0#
87	12.8	9.8	14.8

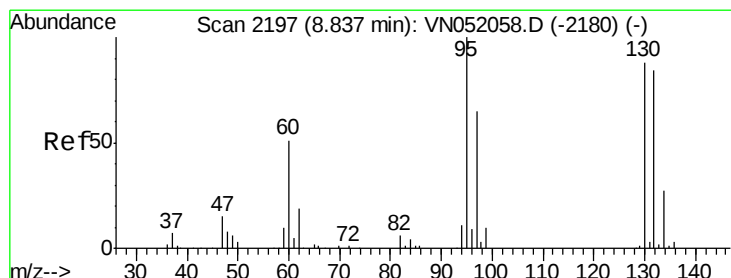
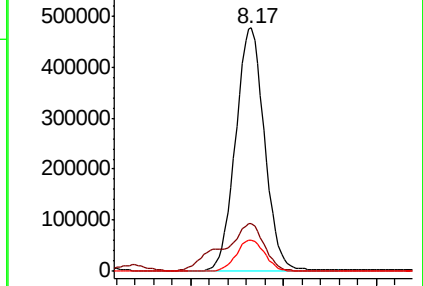
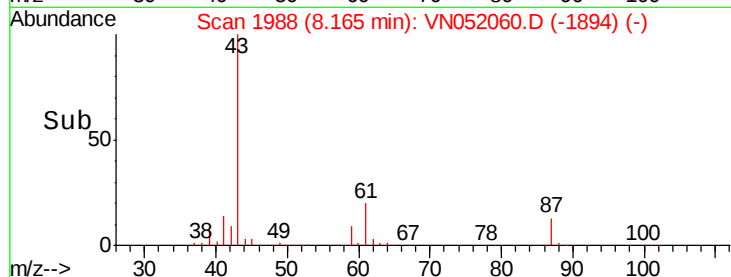


Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052058.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052058.D (-1971) (-)

Time-->



#44

Trichloroethene

Concen: 167.881 ug/l

RT: 8.84 min Scan# 2197

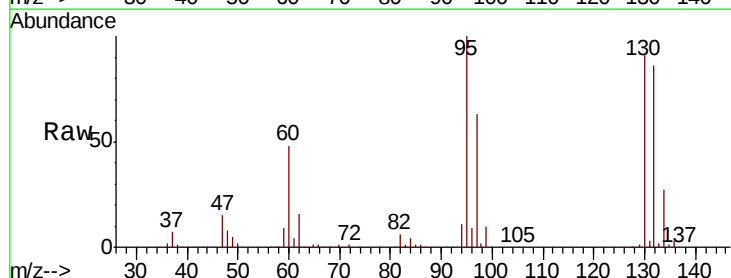
Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Tgt Ion: 130 Resp: 586600

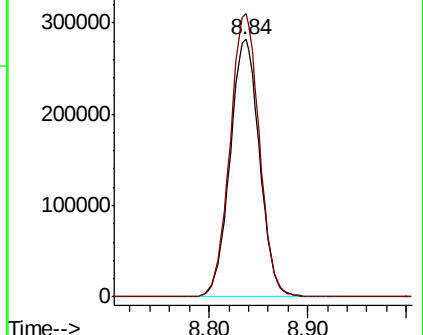
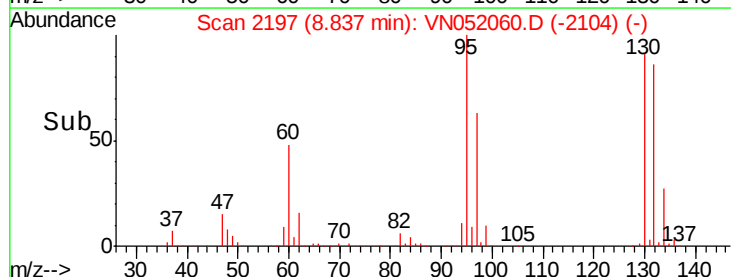
Ion	Ratio	Lower	Upper
130	100		
95	110.0	0.0	228.4

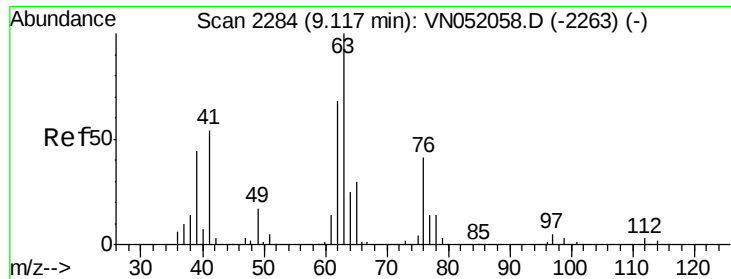


Abundance Ion 129.80 (129.50 to 130.50): VN052058.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN052058.D (-2180) (-)

Time-->

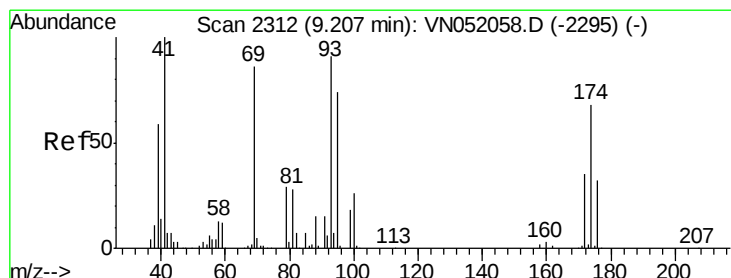
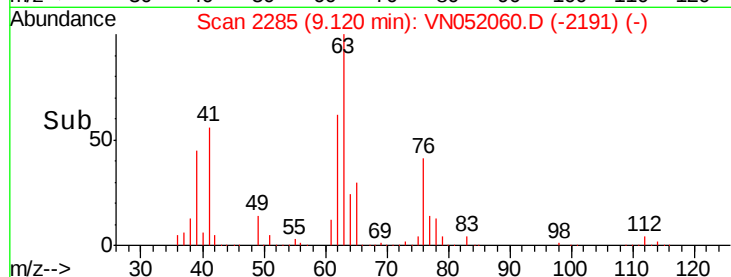
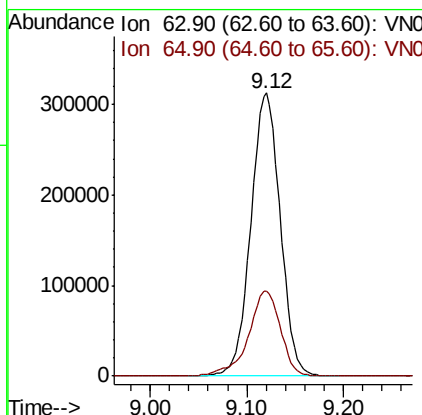
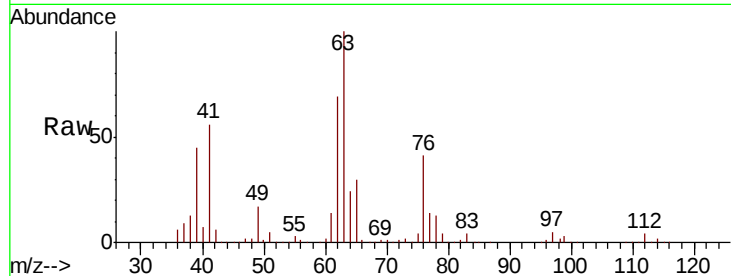




#45
 1,2-Dichloropropane
 Concen: 137.281 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

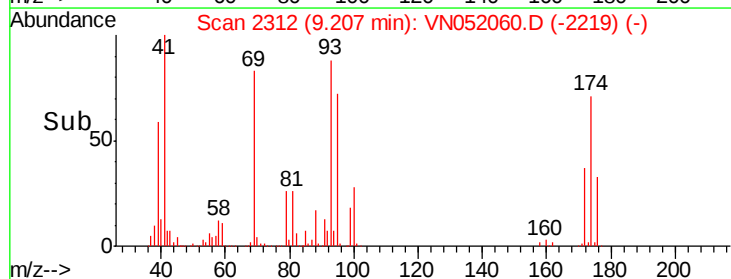
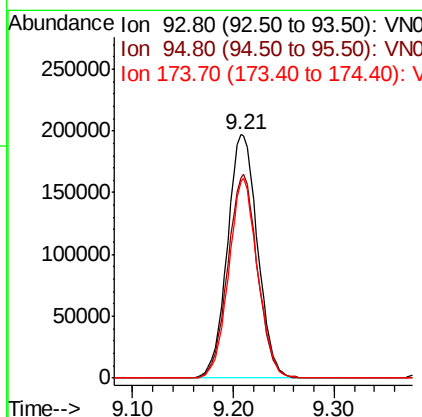
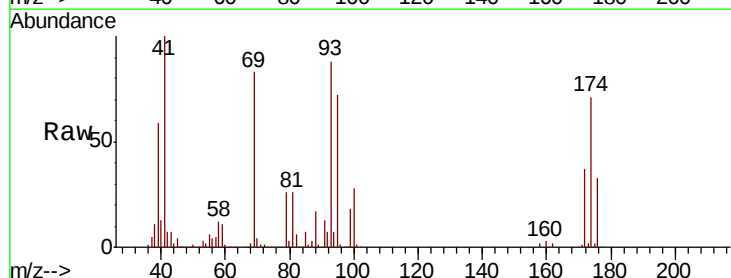
Instrument :
 MSVOA_N
 ClientSampleId :

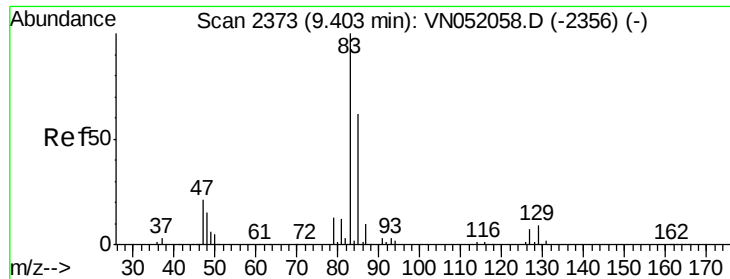
Tgt Ion: 63 Resp: 659348
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.5 36.7



#46
 Dibromomethane
 Concen: 167.504 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion: 93 Resp: 410524
 Ion Ratio Lower Upper
 93 100
 95 82.0 67.2 100.8
 174 78.4 59.7 89.5





#47

Bromodichloromethane

Concen: 169.596 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

ClientSampleId :

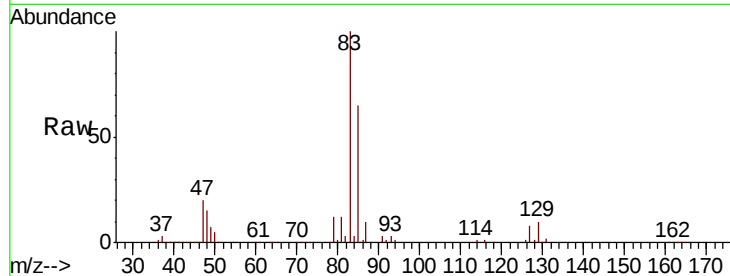
Tgt Ion: 83 Resp: 867736

Ion Ratio Lower Upper

83 100

85 64.8 49.4 74.2

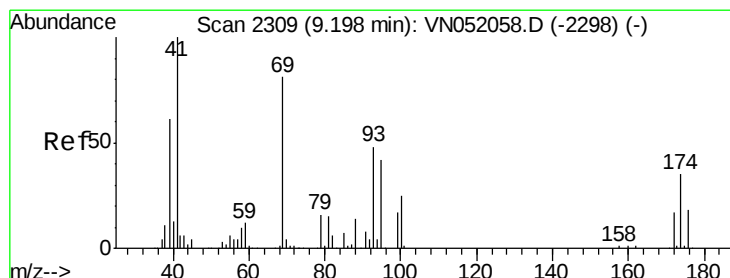
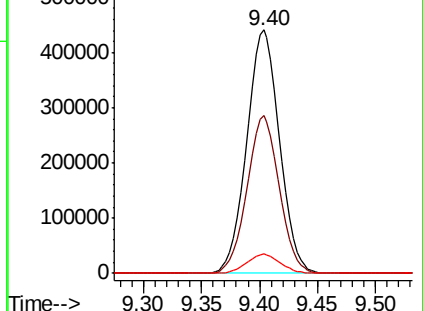
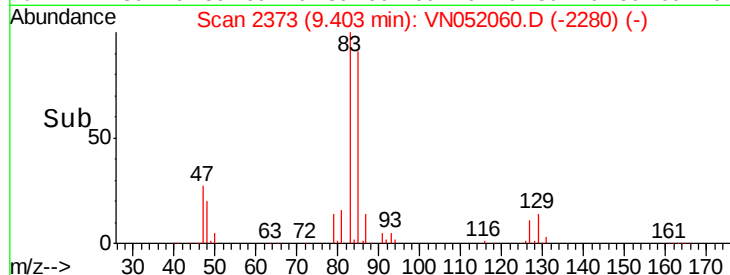
127 7.8 5.8 8.8



Abundance Ion 82.90 (82.60 to 83.60): VN052060.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052060.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052060.D (-2280) (-)



#48

Methyl methacrylate

Concen: 154.030 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

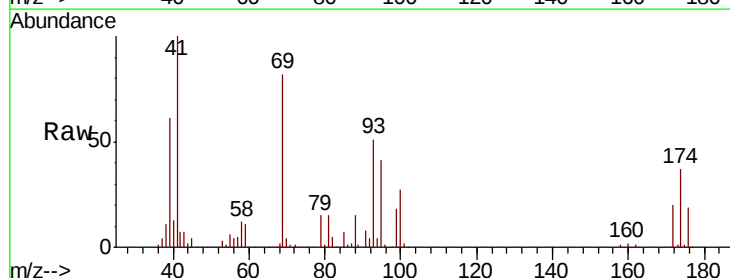
Tgt Ion: 41 Resp: 504197

Ion Ratio Lower Upper

41 100

69 85.6 67.1 100.7

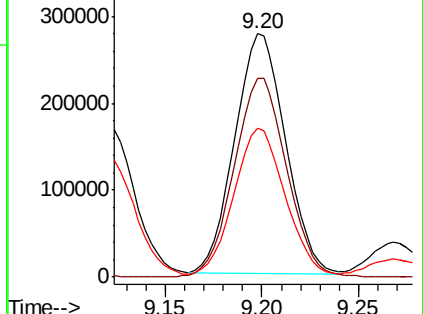
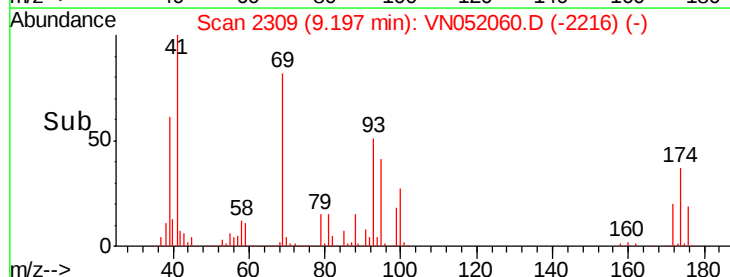
39 63.1 50.5 75.7

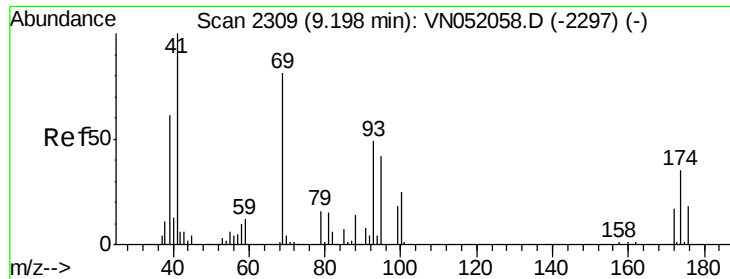


Abundance Ion 41.00 (40.70 to 41.70): VN052060.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052060.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052060.D (-2216) (-)

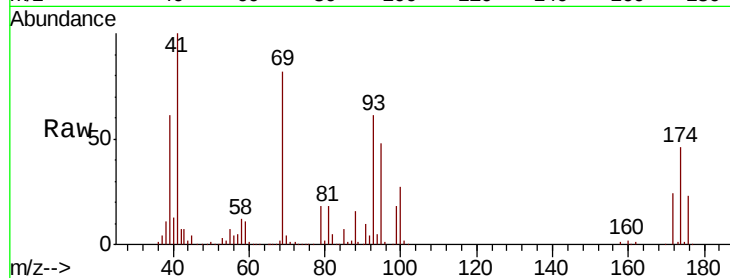




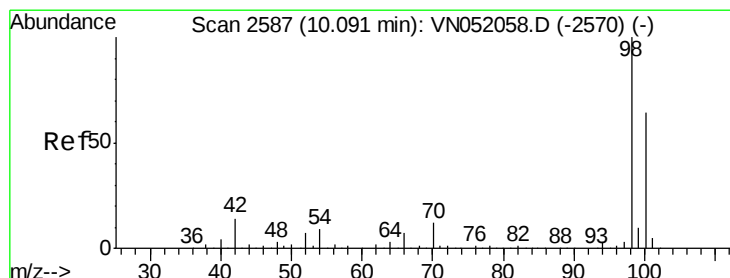
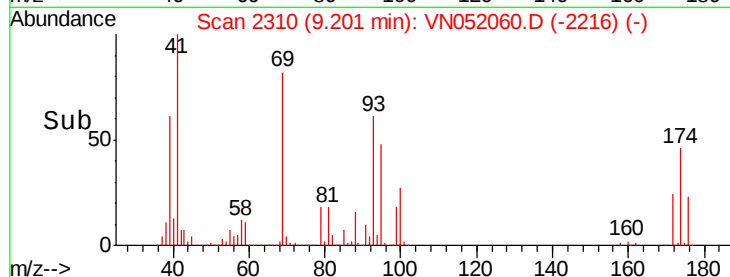
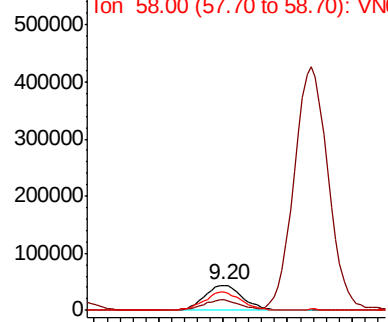
#49
 1,4-Dioxane
 Concen: 5633.264 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Instrument :
 MSVOA_N
 ClientSampled :

Tgt Ion: 88 Resp: 91537
 Ion Ratio Lower Upper
 88 100
 43 38.9 34.1 51.1
 58 71.4 62.8 94.2

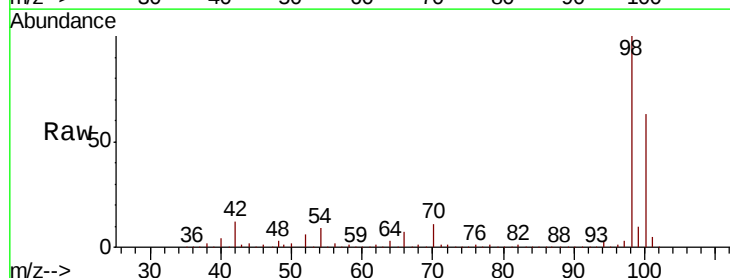


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

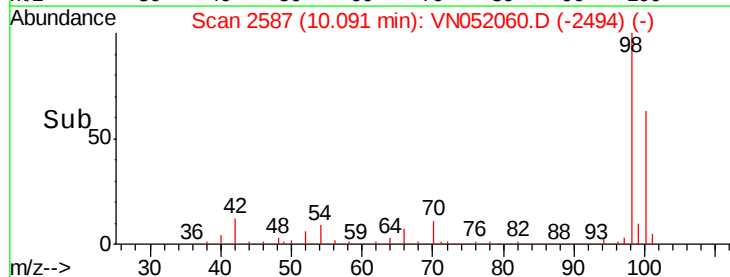
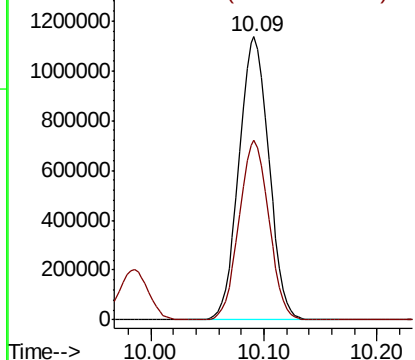


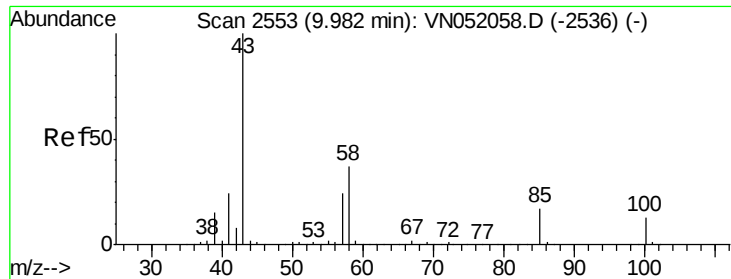
#50
 Toluene-d8
 Concen: 5633.264 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion: 98 Resp: 2096958
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 777.903 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

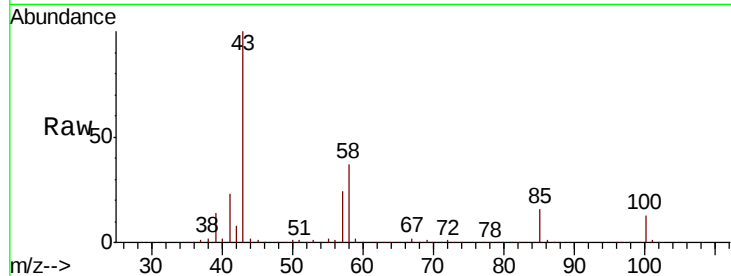
ClientSampled :

Tgt Ion: 43 Resp: 2731072

Ion Ratio Lower Upper

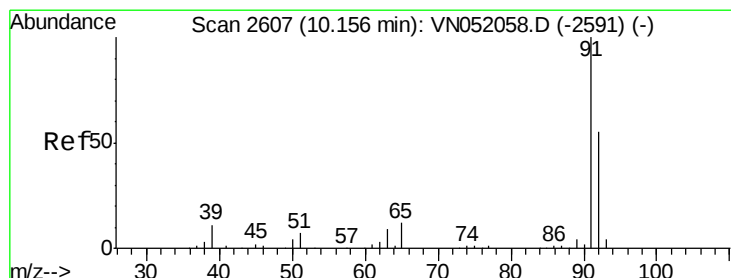
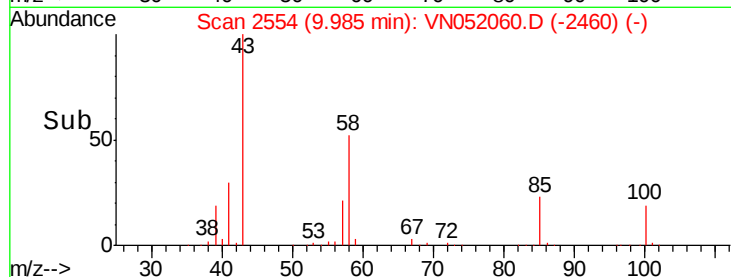
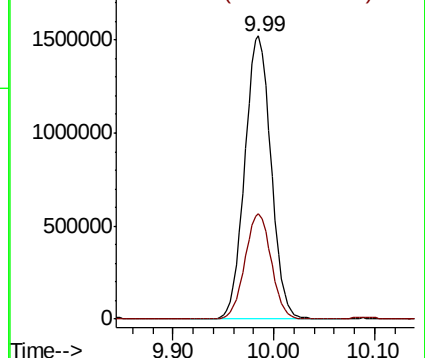
43 100

58 37.3 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 160.385 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052060.D

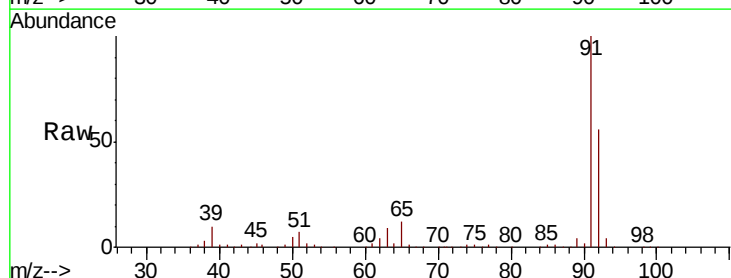
Acq: 30 Oct 2018 11:38

Tgt Ion: 92 Resp: 1528413

Ion Ratio Lower Upper

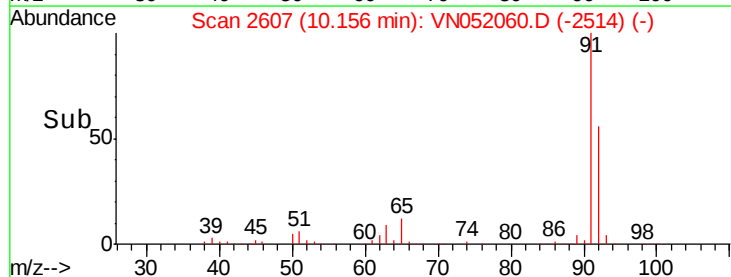
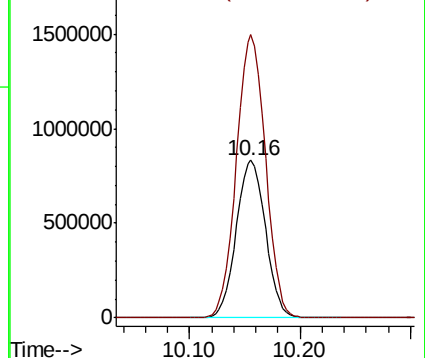
92 100

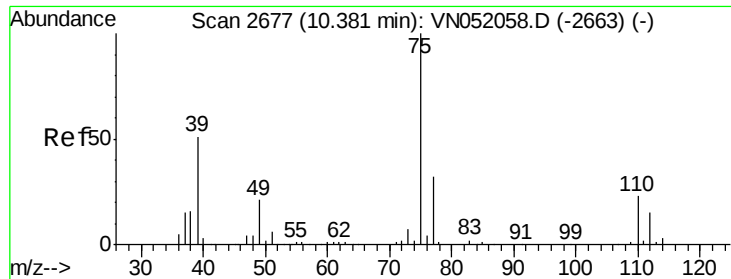
91 178.7 143.9 215.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 171.965 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

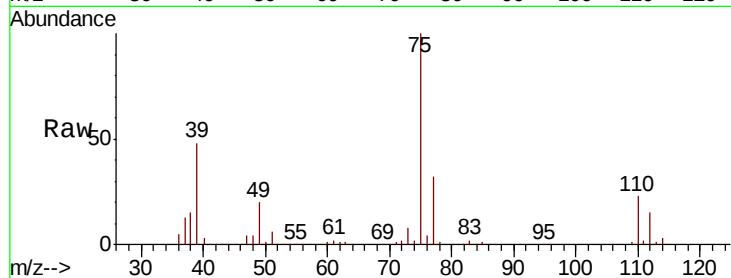
ClientSampleId :

Tgt Ion: 75 Resp: 942075

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

600000

500000

400000

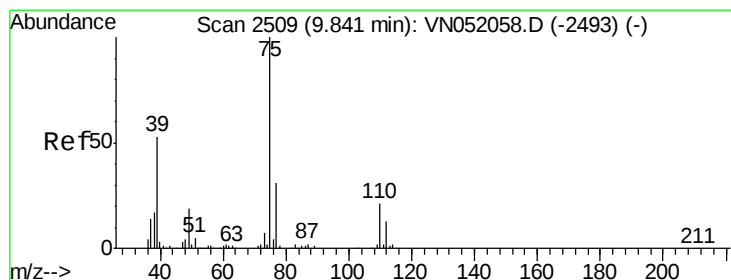
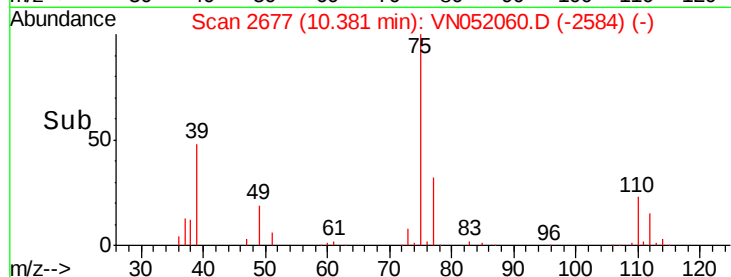
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 174.348 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

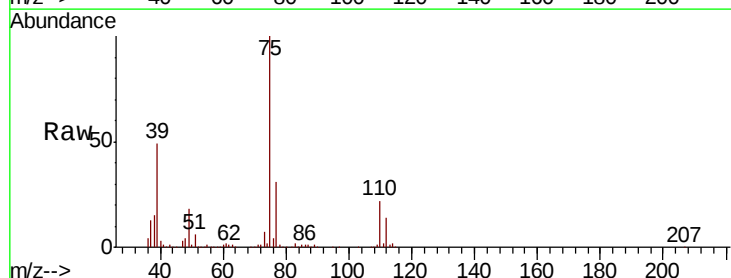
Tgt Ion: 75 Resp: 1035577

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 49.4 42.3 63.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

800000

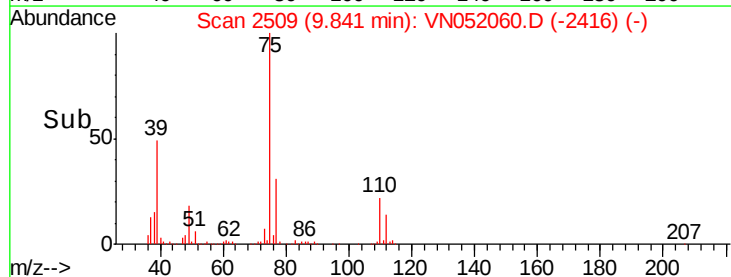
600000

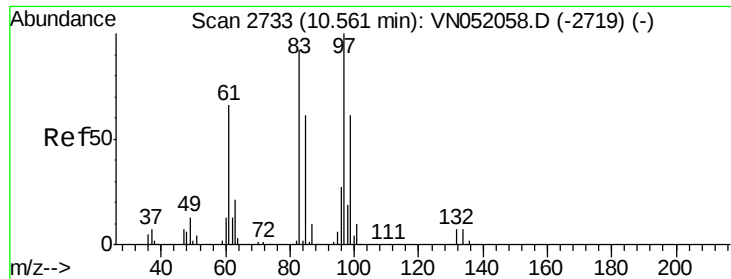
400000

200000

0

Time-->

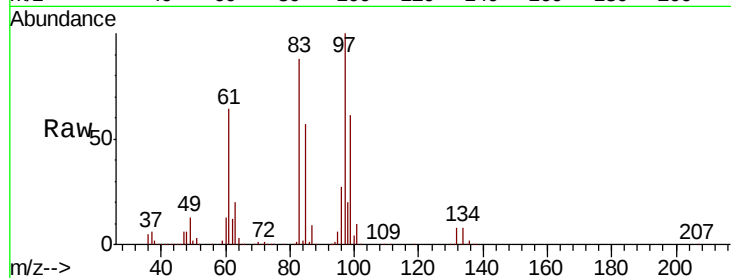




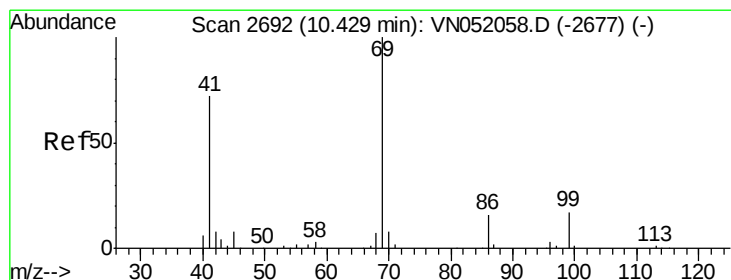
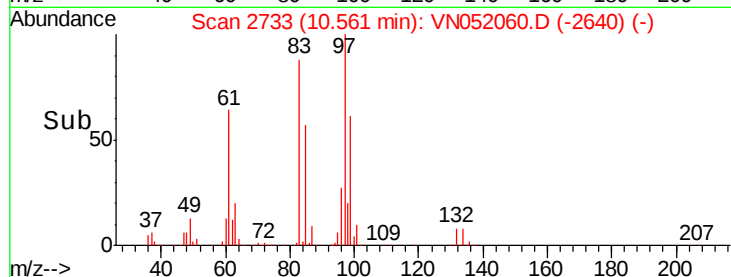
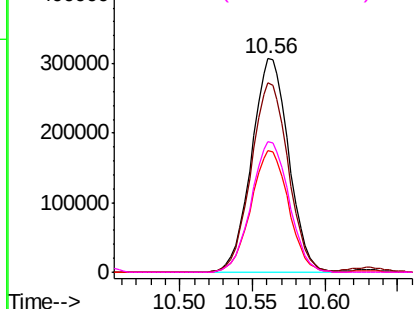
#55
 1,1,2-Trichloroethane
 Concen: 161.121 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 97 Resp: 549293
 Ion Ratio Lower Upper
 97 100
 83 88.4 73.8 110.8
 85 56.9 48.4 72.6
 99 61.2 48.6 72.8

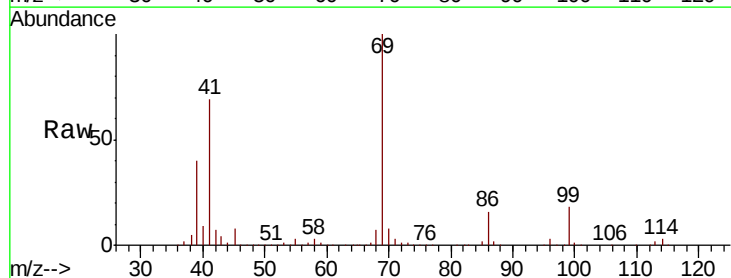


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

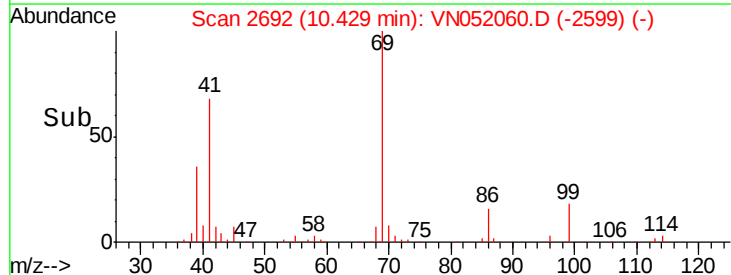
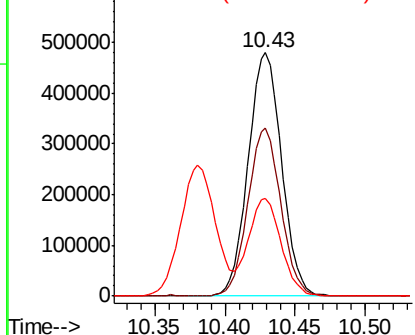


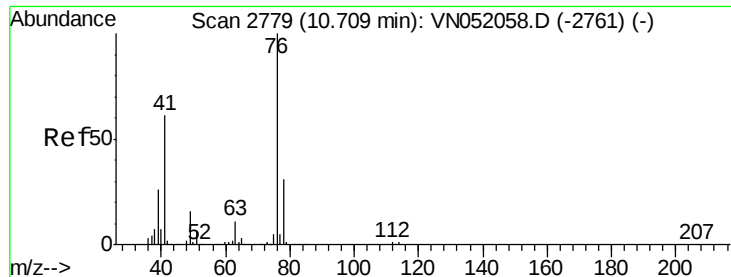
#56
 Ethyl methacrylate
 Concen: 160.085 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion: 69 Resp: 798520
 Ion Ratio Lower Upper
 69 100
 41 67.7 55.5 83.3
 39 39.2 33.0 49.4



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

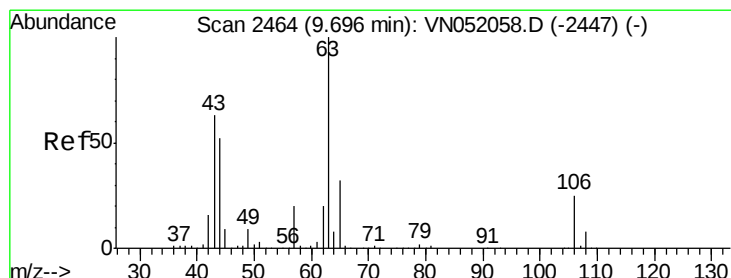
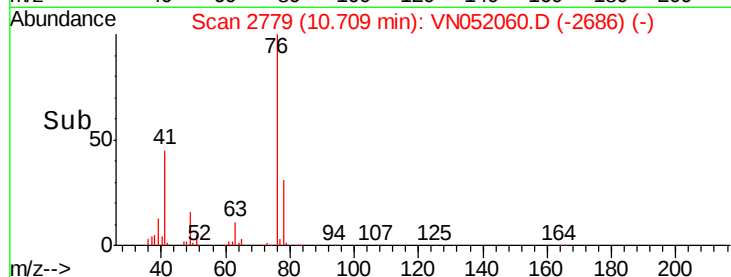
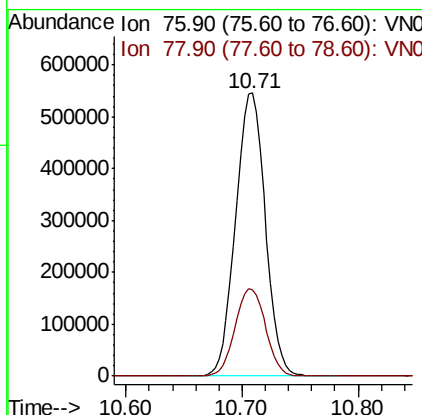
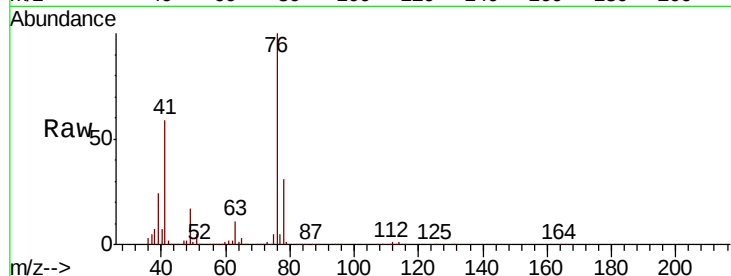




#57
 1,3-Dichloropropane
 Concen: 154.699 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

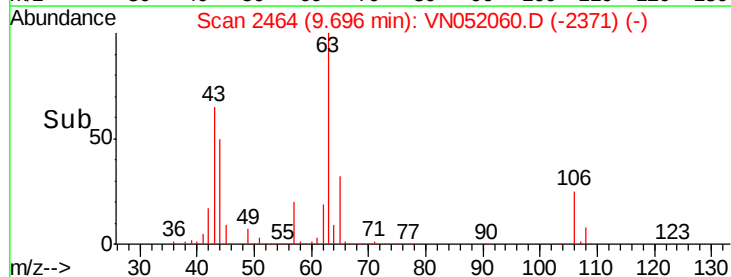
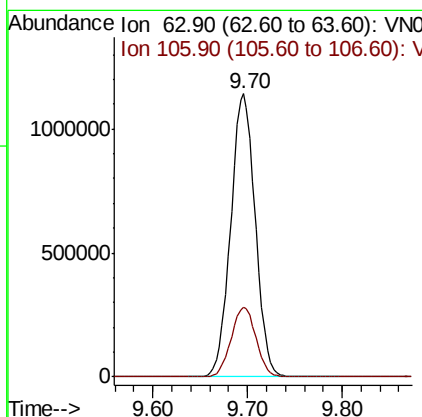
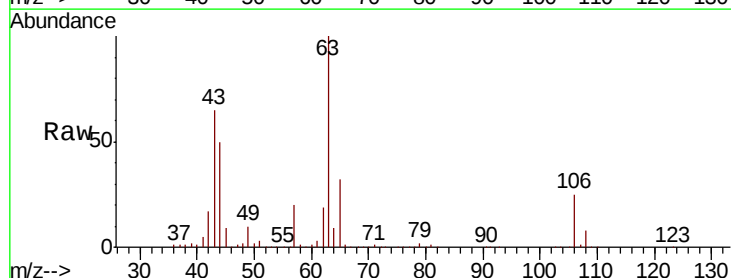
Instrument :
 MSVOA_N
 ClientSampled :

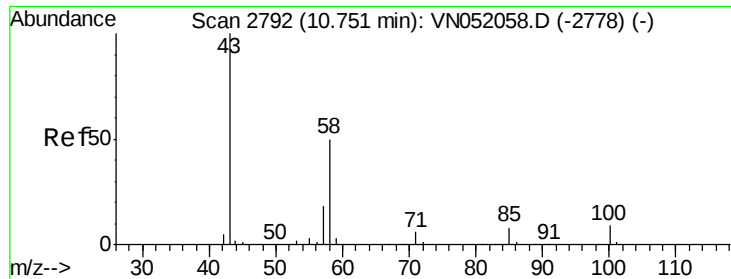
Tgt Ion: 76 Resp: 970274
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 802.892 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion: 63 Resp: 2051755
 Ion Ratio Lower Upper
 63 100
 106 25.1 19.4 29.2

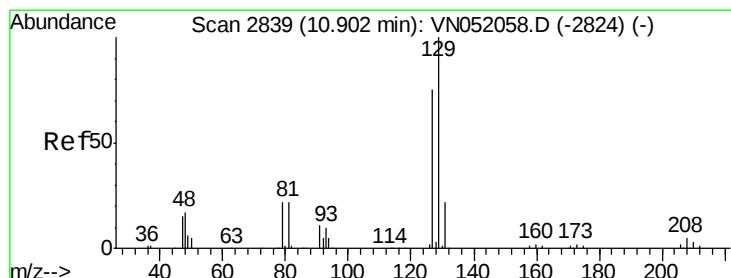
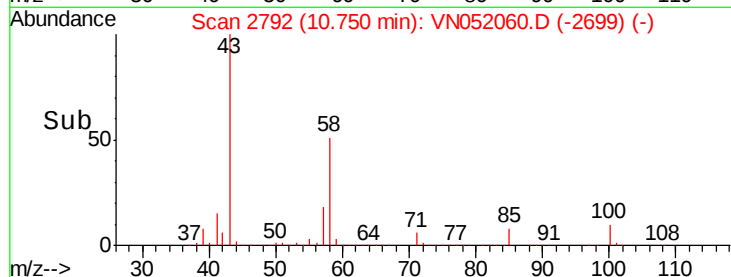
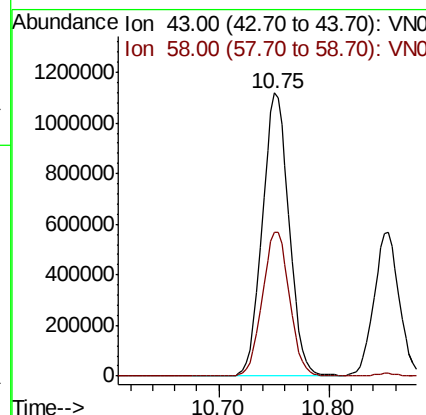
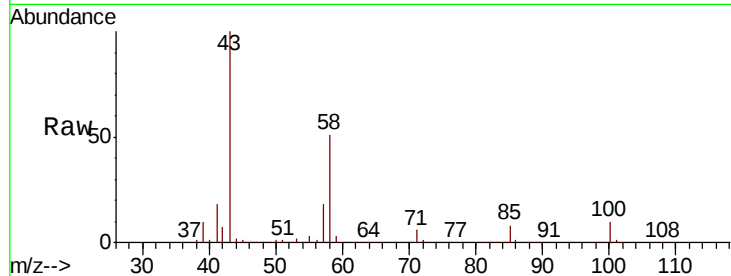




#59
2-Hexanone
Concen: 744.659 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

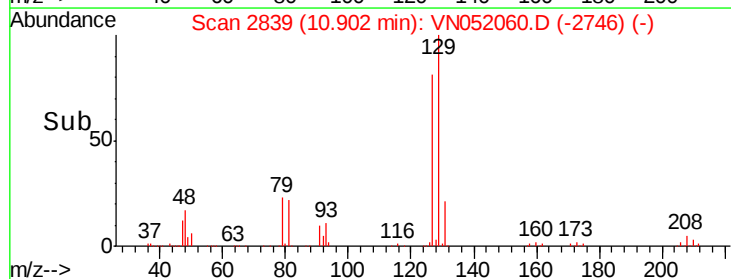
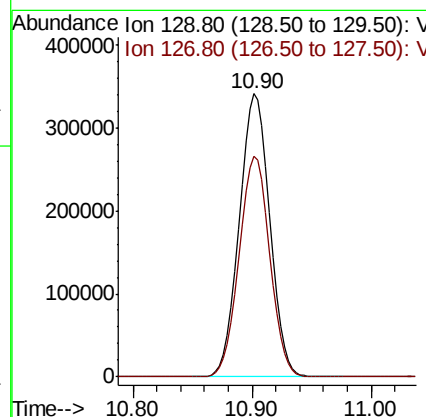
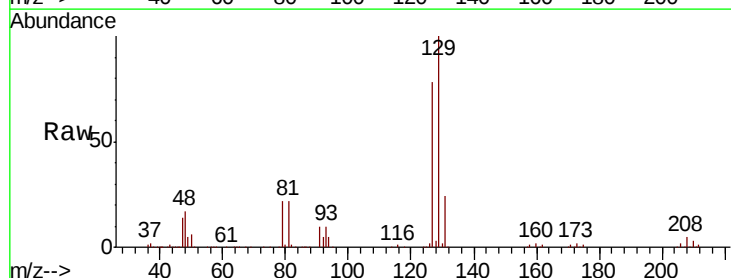
Instrument :
MSVOA_N
ClientSampled :

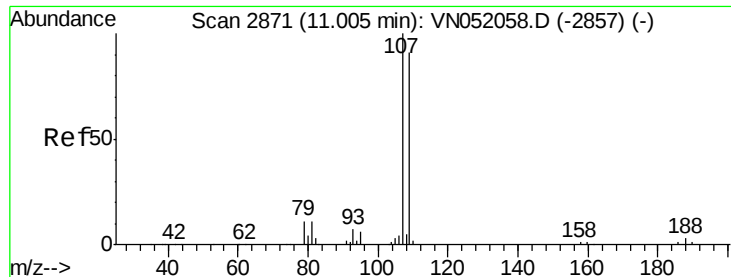
Tgt Ion: 43 Resp: 1877597
Ion Ratio Lower Upper
43 100
58 51.9 25.2 75.6



#60
Dibromochloromethane
Concen: 186.642 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion: 129 Resp: 604965
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 168.222 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

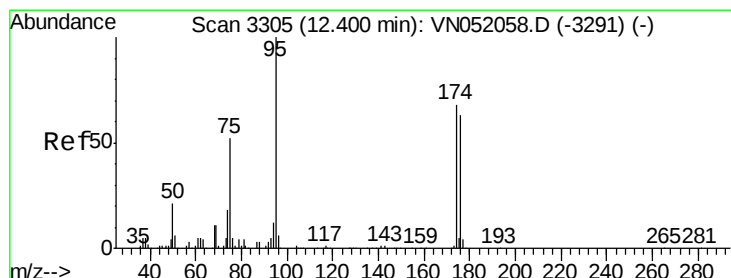
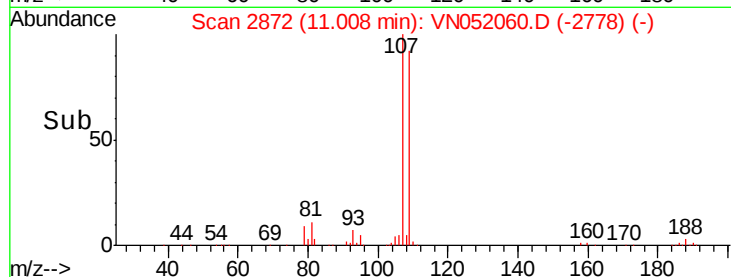
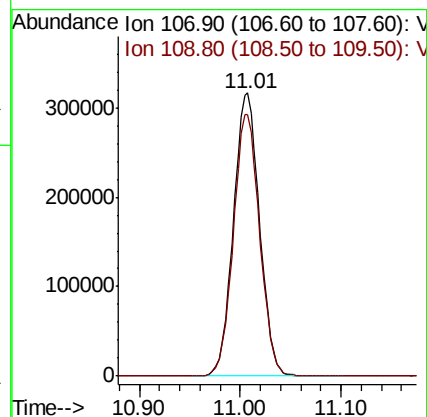
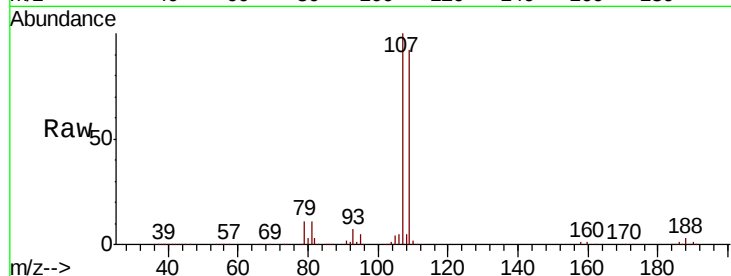
ClientSampleId :

Tgt Ion: 107 Resp: 569217

Ion Ratio Lower Upper

107 100

109 93.2 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 168.222 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

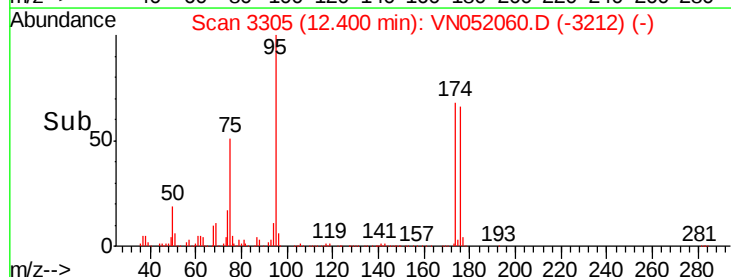
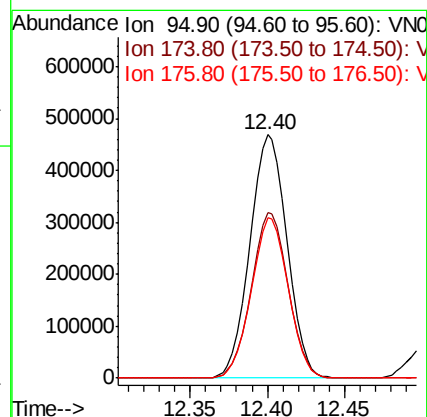
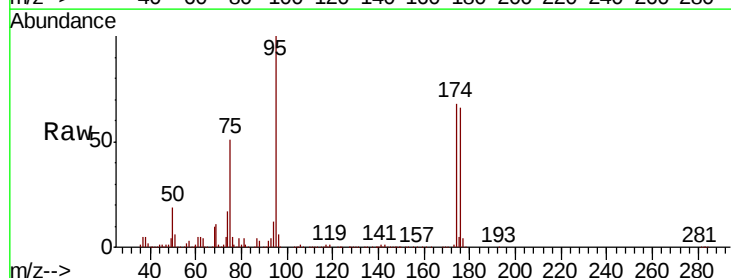
Tgt Ion: 95 Resp: 782407

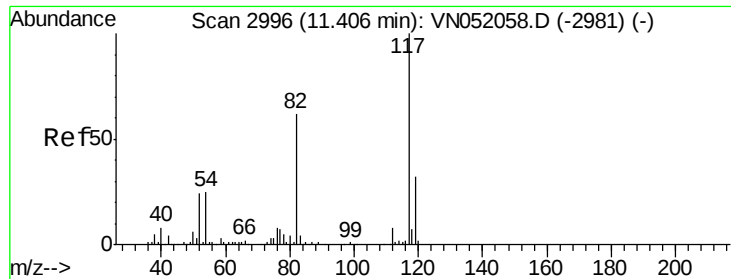
Ion Ratio Lower Upper

95 100

174 67.6 0.0 131.8

176 65.5 0.0 126.0

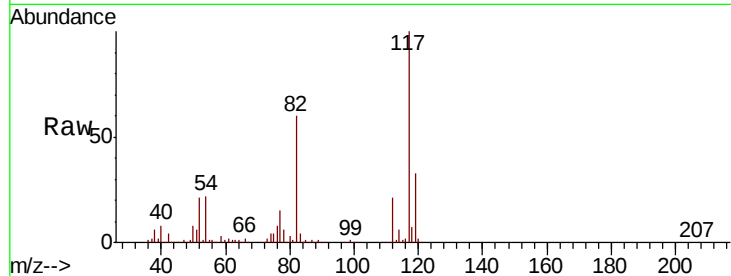




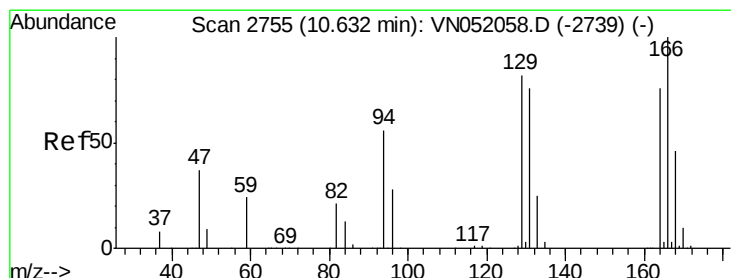
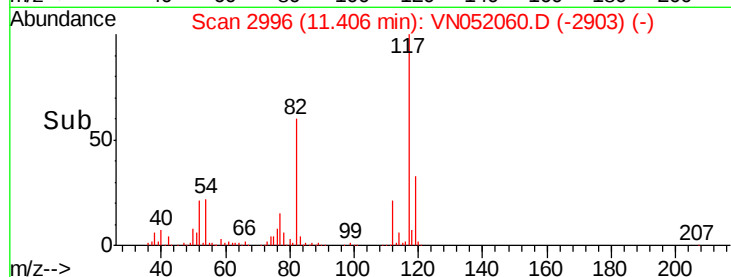
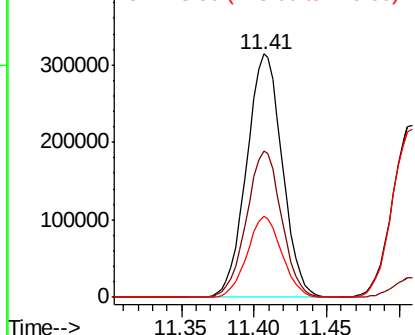
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 538482
Ion Ratio Lower Upper
117 100
82 60.1 49.9 74.9
119 33.0 25.7 38.5

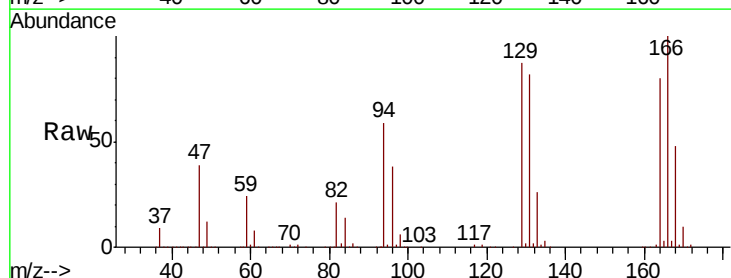


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

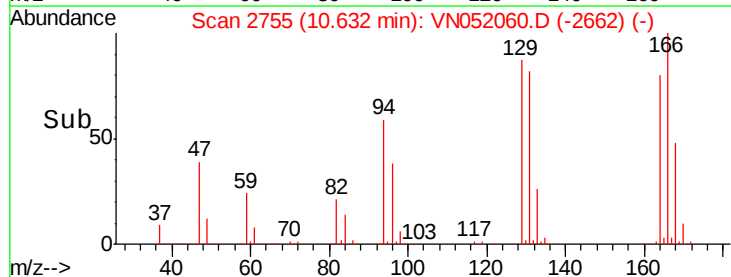
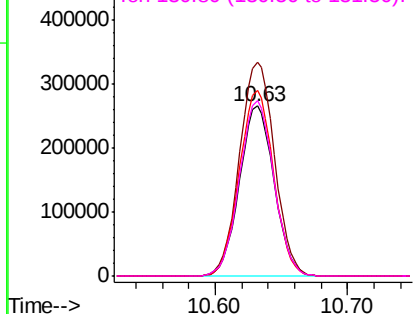


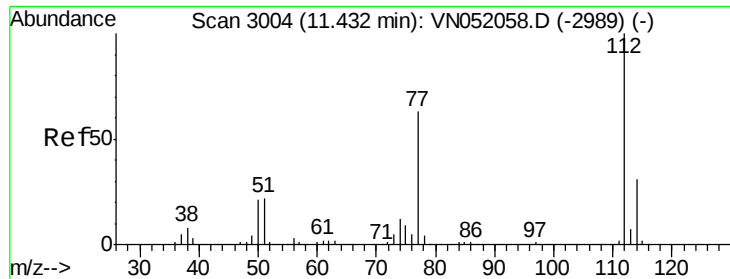
#64
Tetrachloroethene
Concen: 155.825 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion:164 Resp: 482293
Ion Ratio Lower Upper
164 100
166 125.5 105.4 158.0
129 109.0 86.1 129.1
131 102.9 80.3 120.5



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

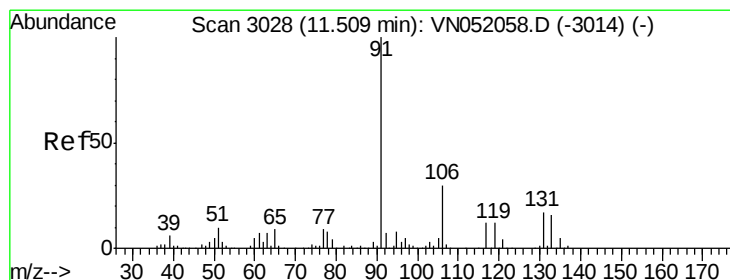
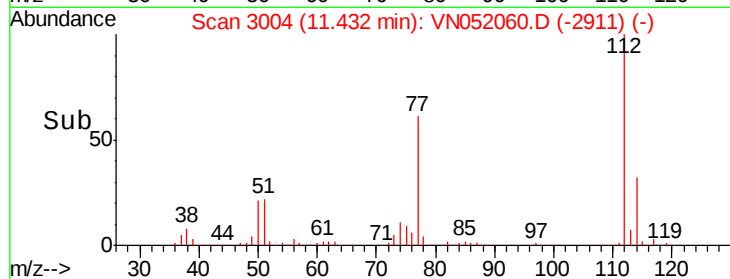
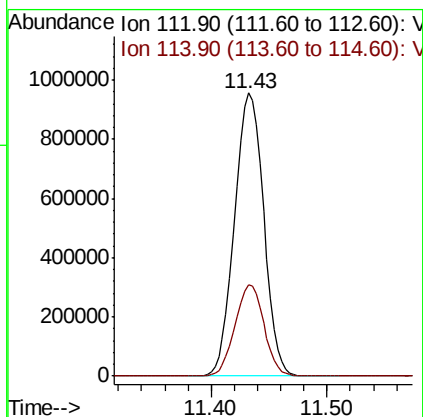
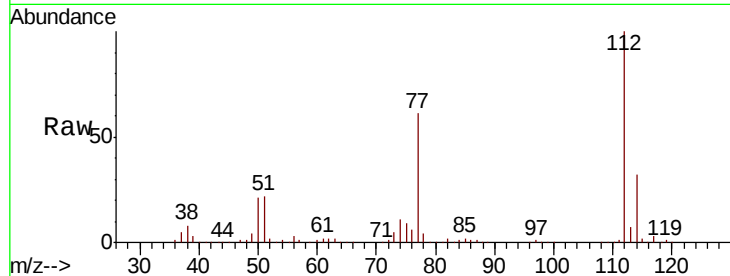




#65
Chlorobenzene
Concen: 150.793 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

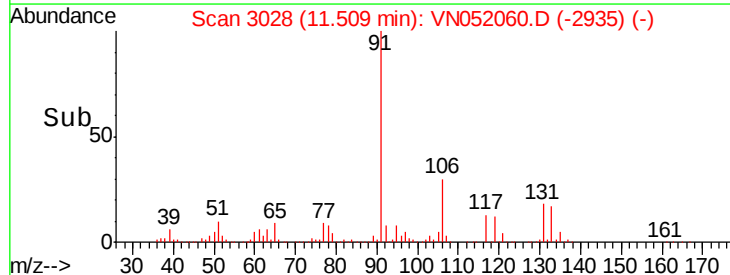
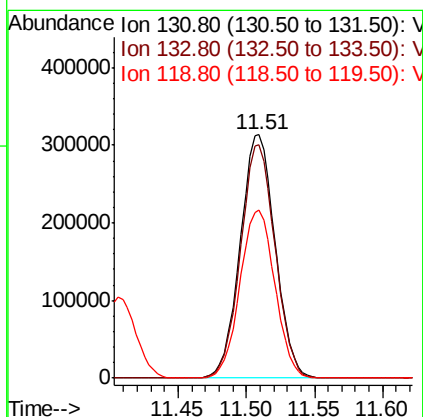
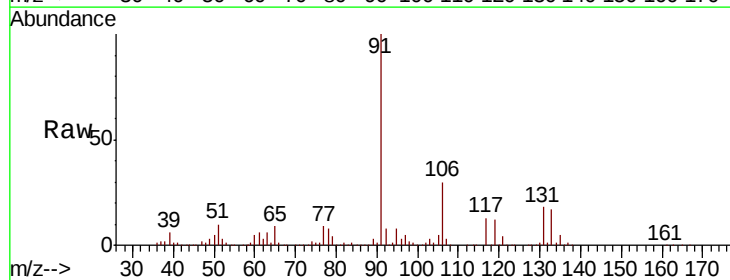
Instrument :
MSVOA_N
ClientSampled :

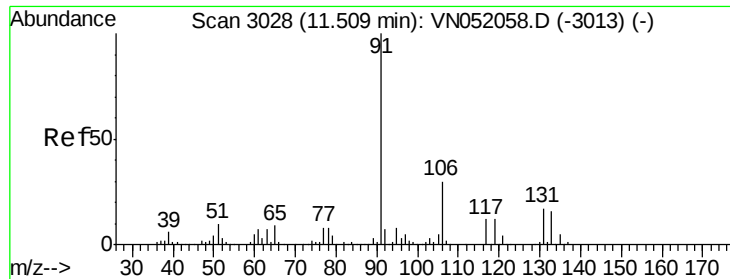
Tgt Ion:112 Resp: 1664997
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 165.280 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion:131 Resp: 556682
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 69.2 34.4 103.2

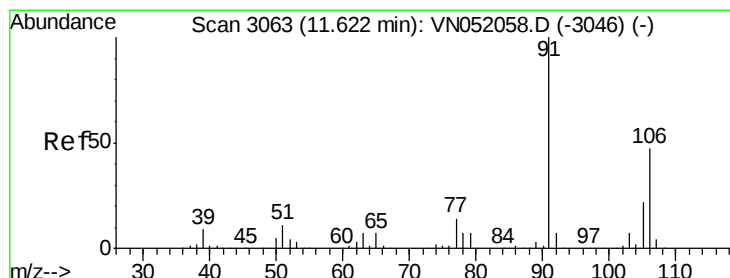
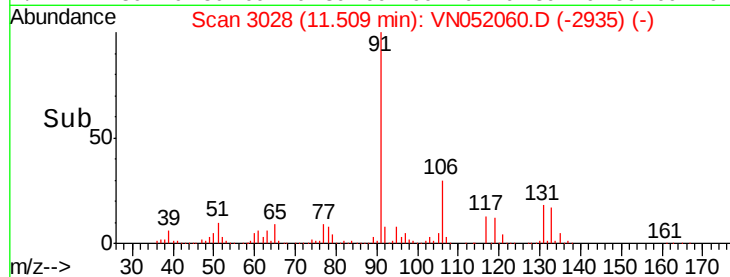
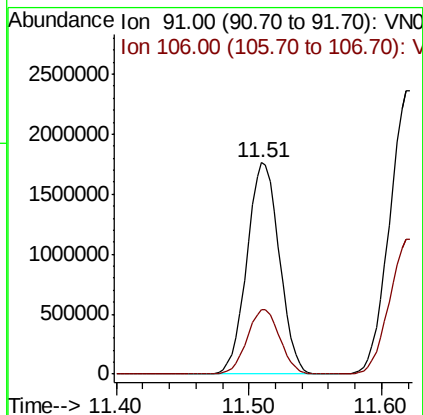
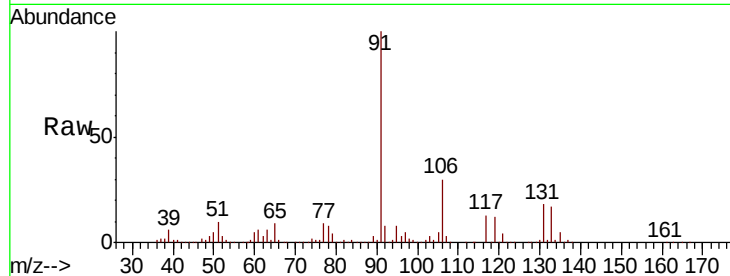




#67
Ethyl Benzene
Concen: 154.623 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

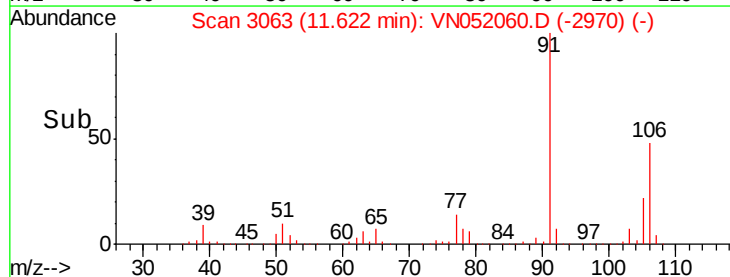
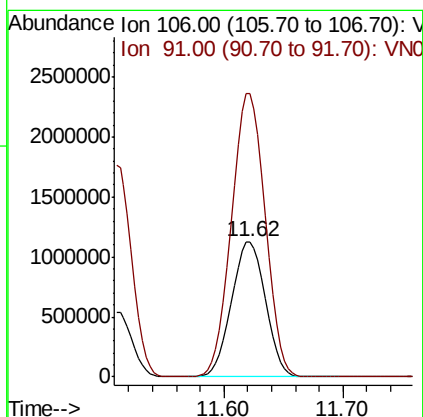
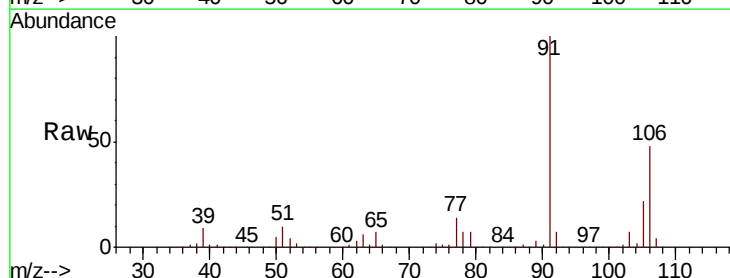
Instrument :
MSVOA_N
ClientSampled :

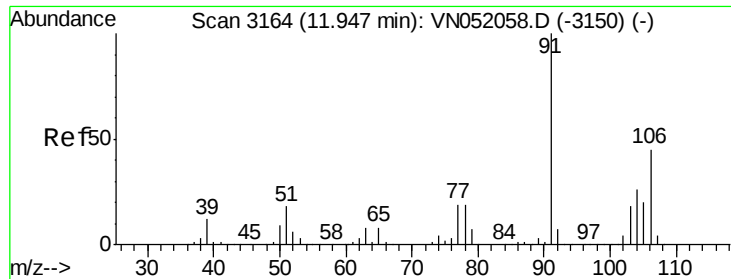
Tgt Ion: 91 Resp: 2990626
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 331.014 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion: 106 Resp: 2222098
Ion Ratio Lower Upper
106 100
91 208.4 168.7 253.1

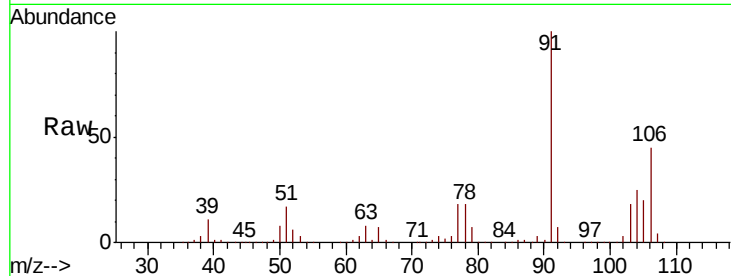




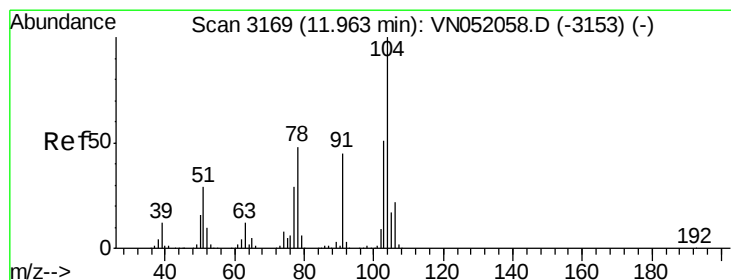
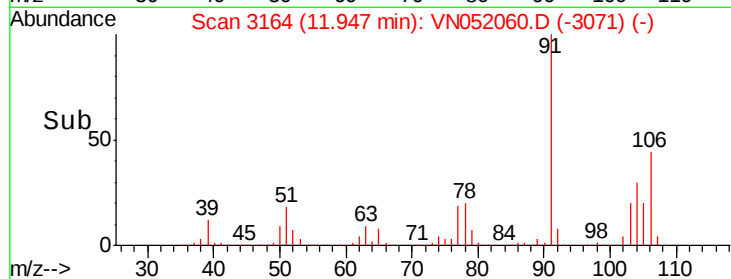
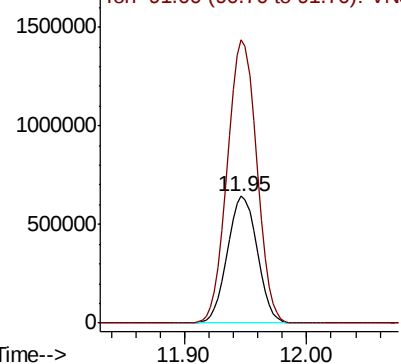
#69
o-Xylene
Concen: 165.394 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 1083039
Ion Ratio Lower Upper
106 100
91 220.2 109.6 328.6

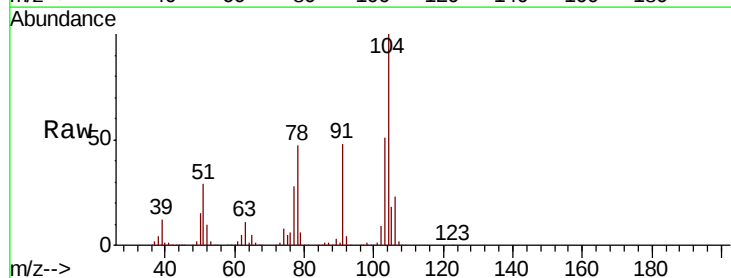


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

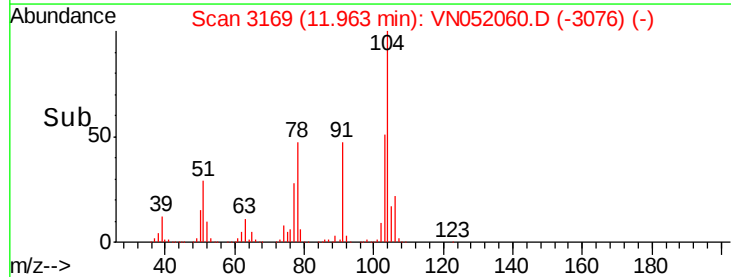
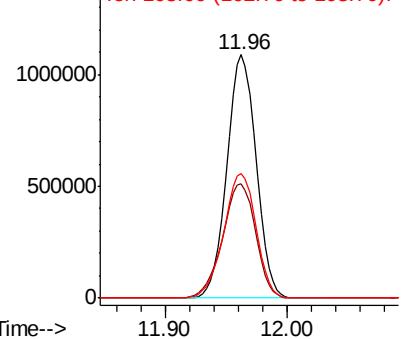


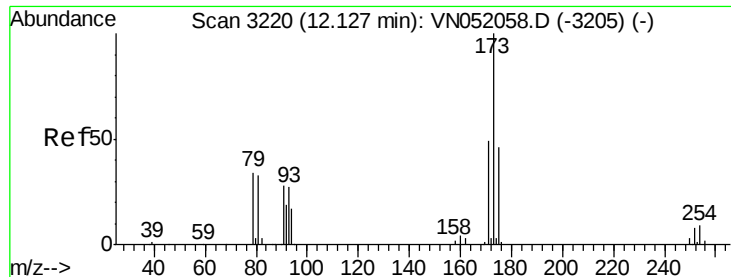
#70
Styrene
Concen: 166.393 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion:104 Resp: 1796492
Ion Ratio Lower Upper
104 100
78 53.3 43.0 64.6
103 56.4 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

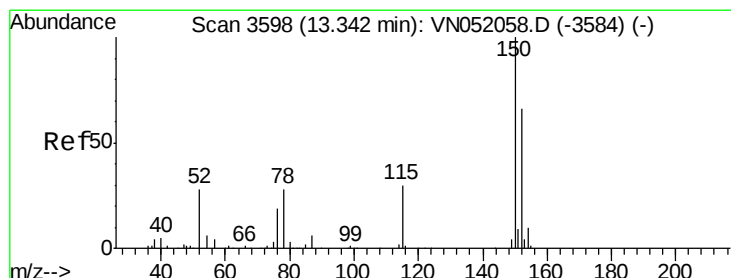
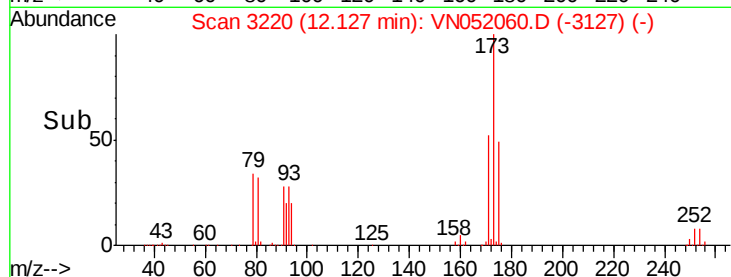
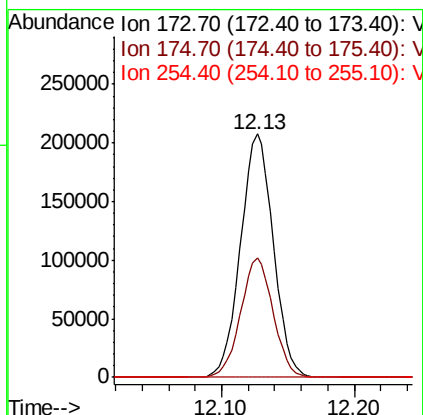
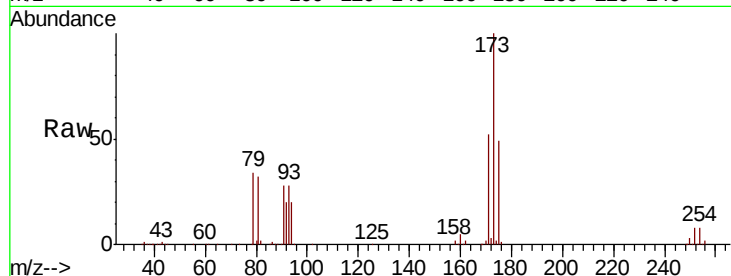




#71
Bromoform
Concen: 198.399 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

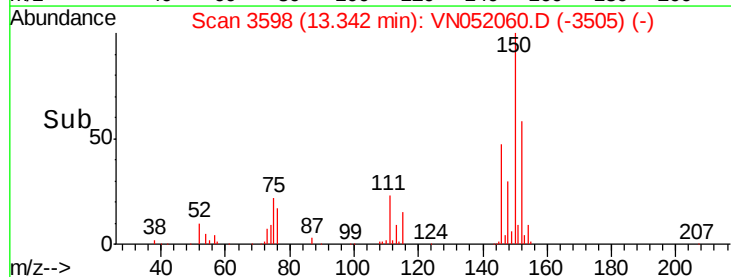
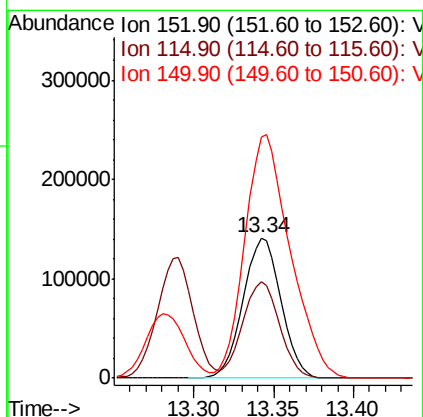
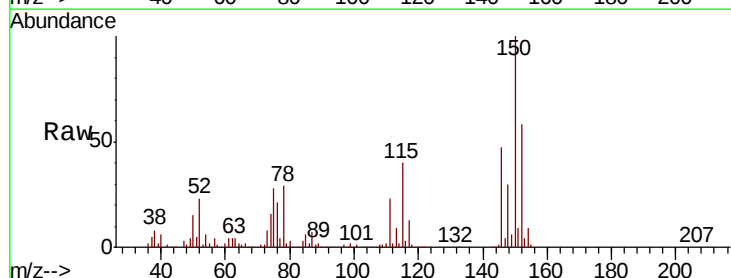
Instrument :
MSVOA_N
ClientSampled :

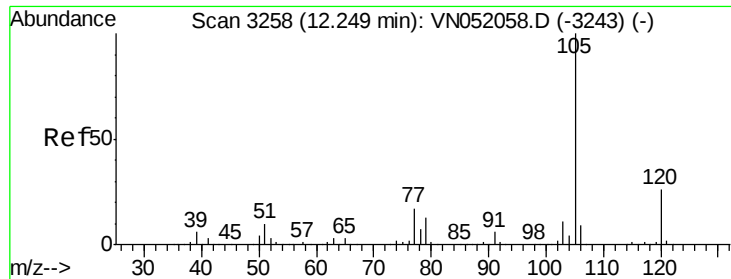
Tgt Ion:173 Resp: 355651
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052060.D
Acq: 30 Oct 2018 11:38

Tgt Ion:152 Resp: 227520
Ion Ratio Lower Upper
152 100
115 66.8 31.6 95.0
150 209.5 0.0 345.0





#73

Isopropylbenzene

Concen: 163.853 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

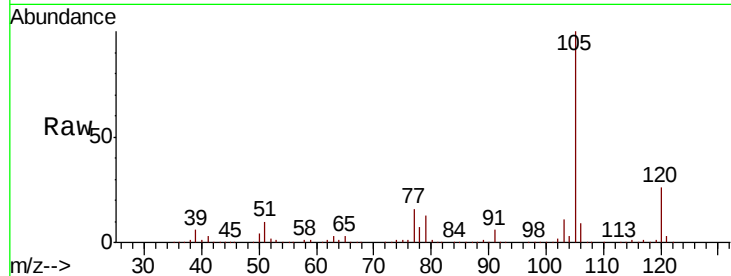
ClientSampleId :

Tgt Ion:105 Resp: 2937446

Ion Ratio Lower Upper

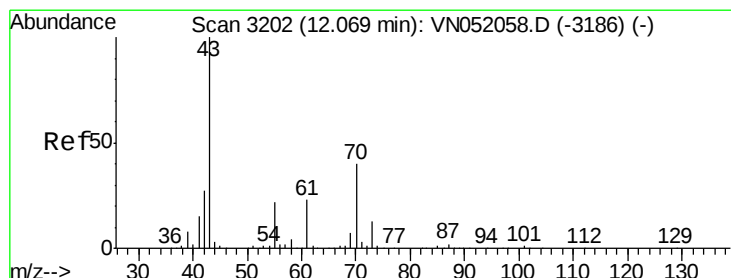
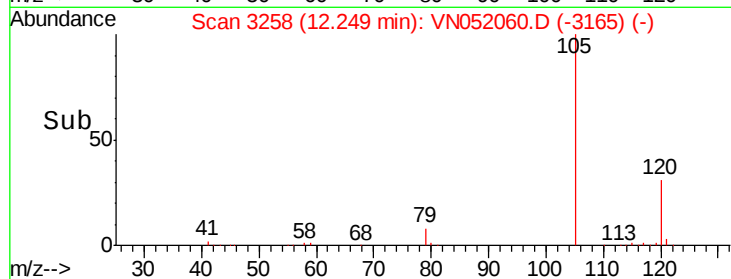
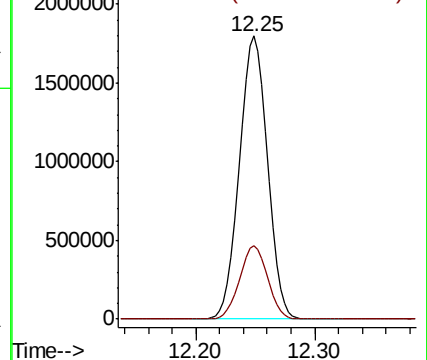
105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 144.216 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Tgt Ion: 43 Resp: 982523

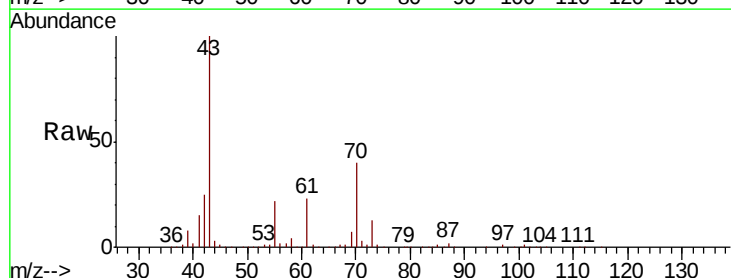
Ion Ratio Lower Upper

43 100

70 40.0 31.9 47.9

55 22.0 18.4 27.6

61 22.8 18.2 27.4

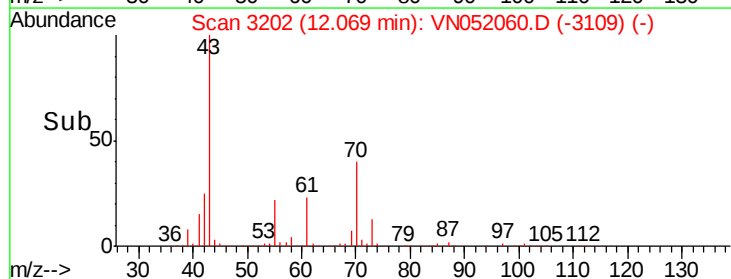
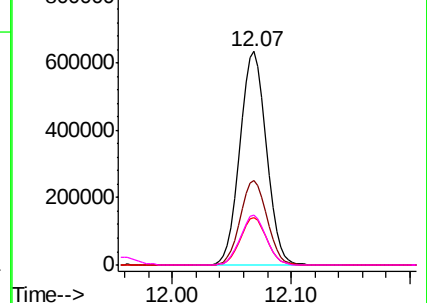


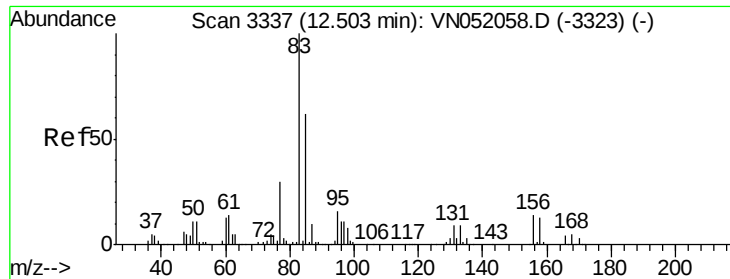
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 146.197 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

ClientSampled :

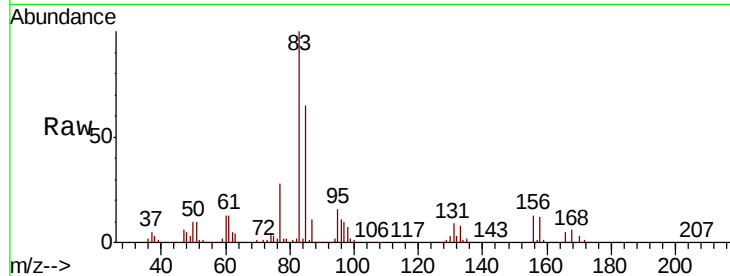
Tgt Ion: 83 Resp: 660633

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.4

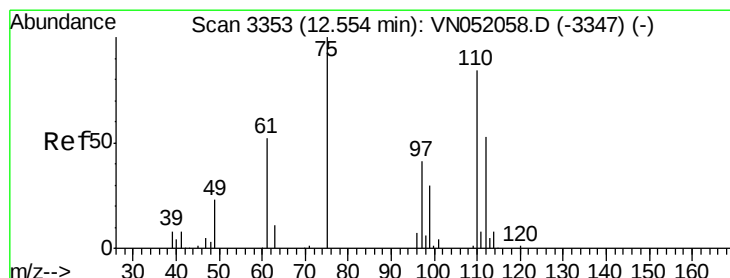
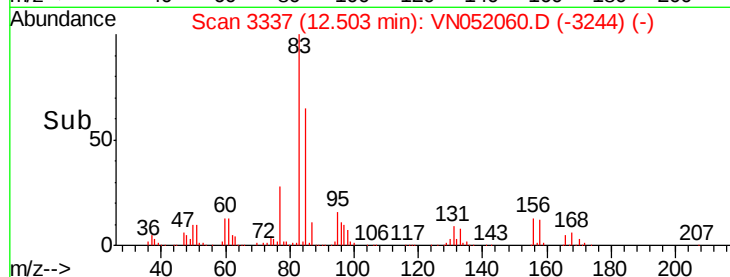
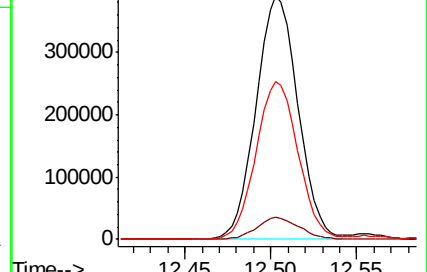
85 65.1 31.3 93.9



Abundance Ion 82.90 (82.60 to 83.60): VN052058.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN052058.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN052058.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 238.811 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052060.D

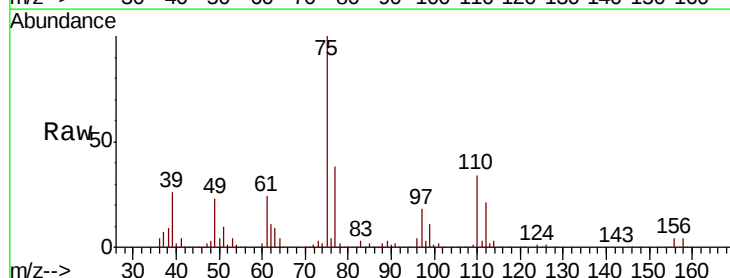
Acq: 30 Oct 2018 11:38

Tgt Ion: 75 Resp: 919982

Ion Ratio Lower Upper

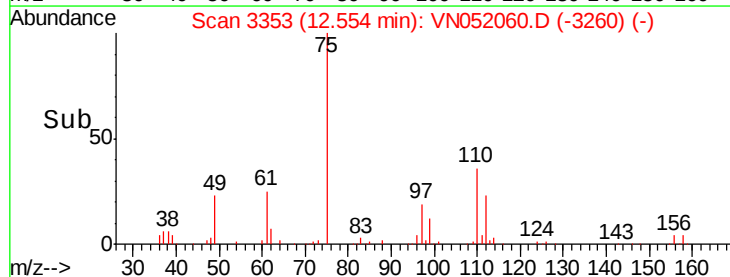
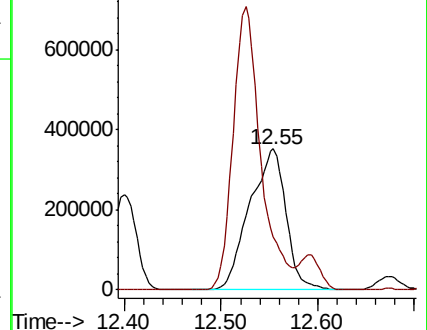
75 100

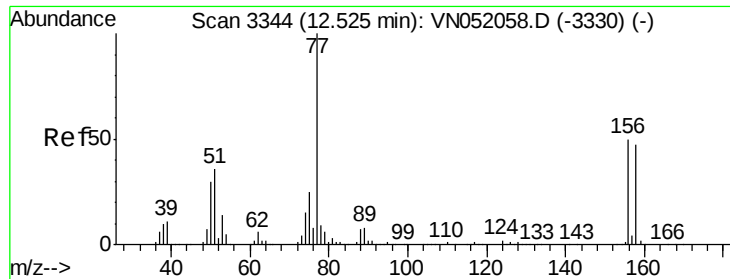
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052058.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN052058.D (-3347) (-)





#77

Bromobenzene

Concen: 158.464 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

ClientSampled :

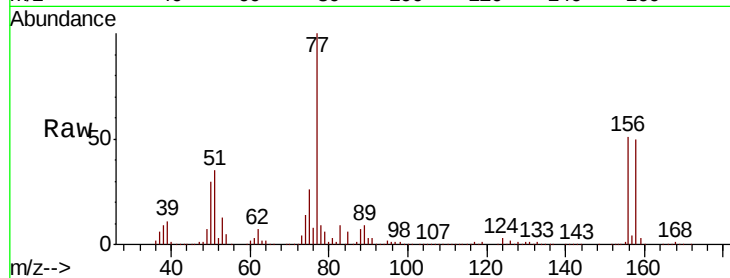
Tgt Ion:156 Resp: 615900

Ion Ratio Lower Upper

156 100

77 228.6 119.6 358.6

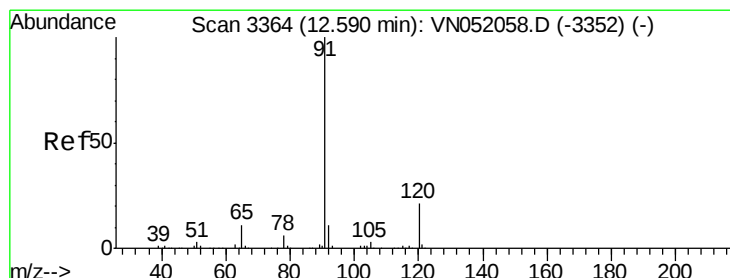
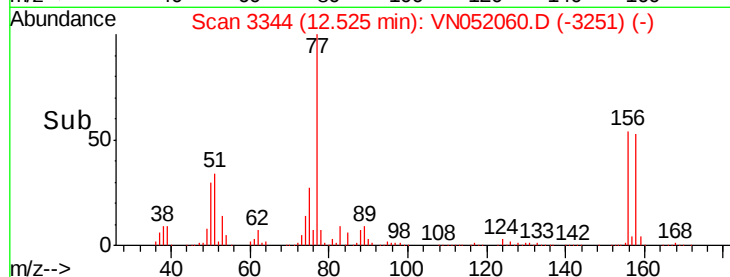
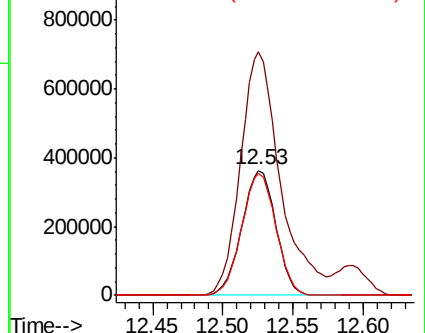
158 98.2 47.8 143.4



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: 155.315 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052060.D

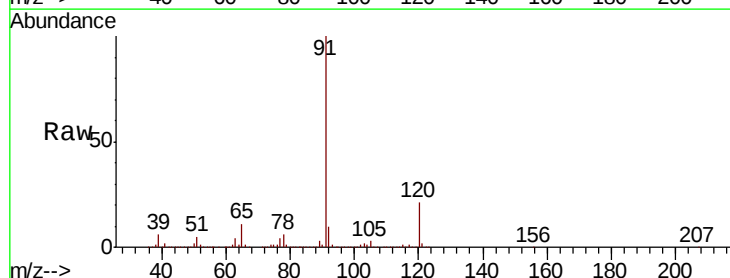
Acq: 30 Oct 2018 11:38

Tgt Ion: 91 Resp: 3499749

Ion Ratio Lower Upper

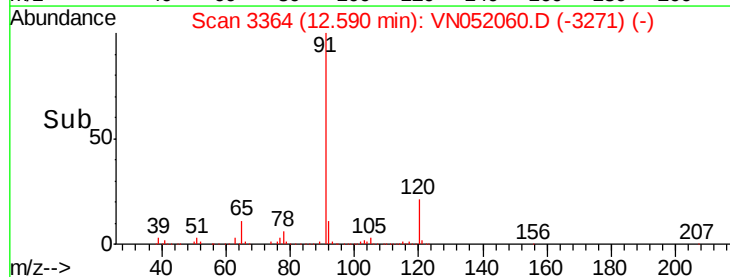
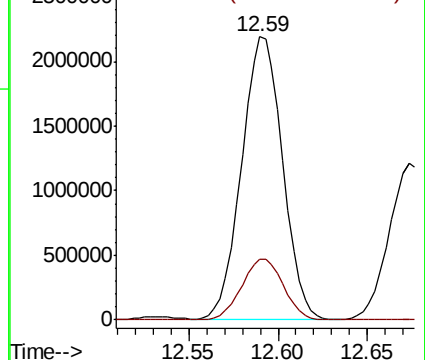
91 100

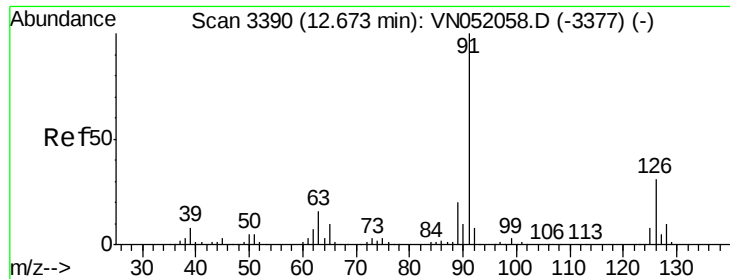
120 21.9 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 159.895 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

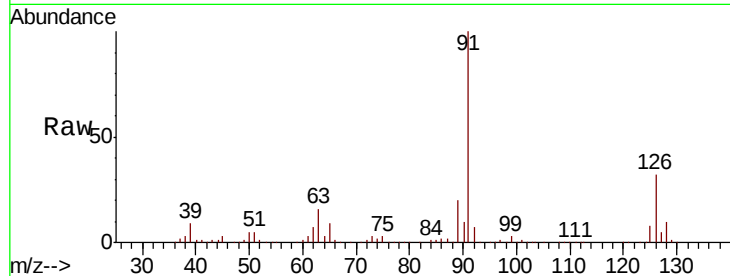
ClientSampleId :

Tgt Ion: 91 Resp: 2023325

Ion Ratio Lower Upper

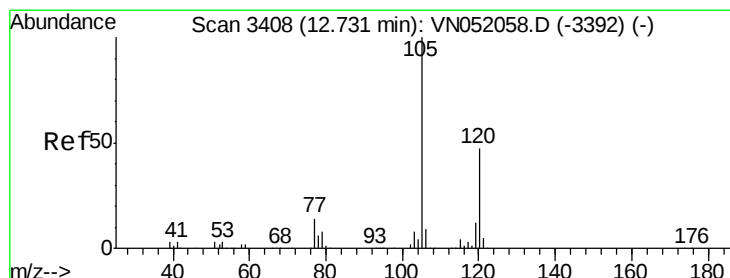
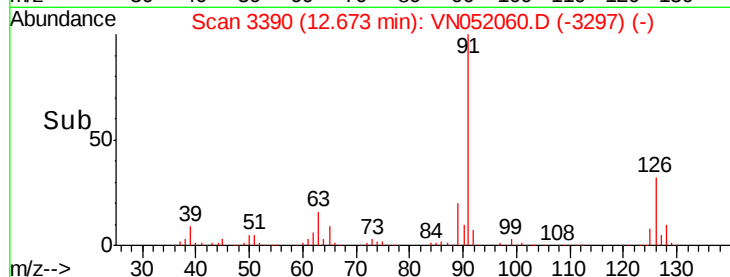
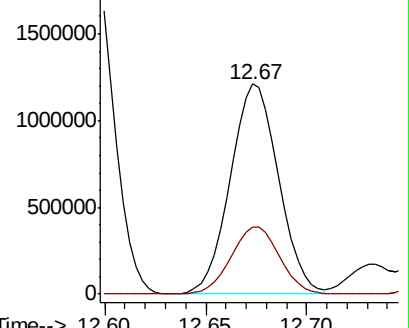
91 100

126 32.5 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN052058.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN052058.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 159.764 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052060.D

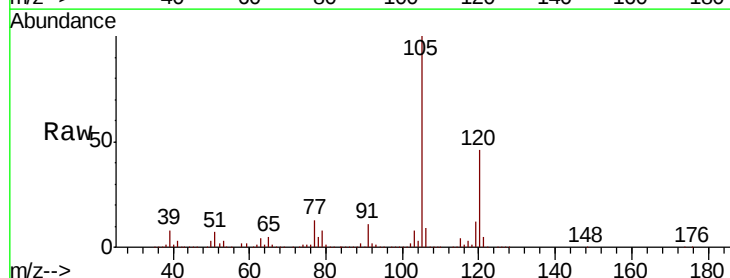
Acq: 30 Oct 2018 11:38

Tgt Ion: 105 Resp: 2380052

Ion Ratio Lower Upper

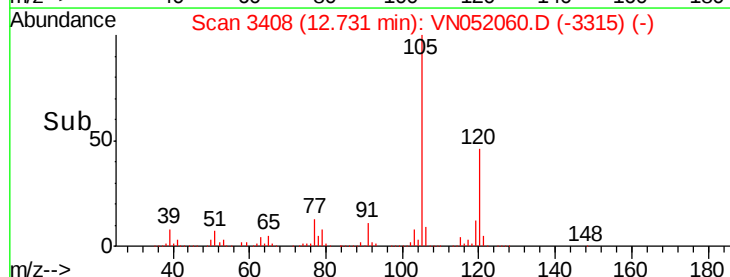
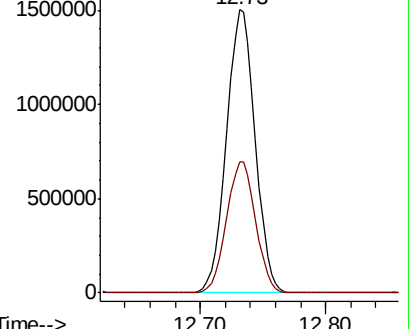
105 100

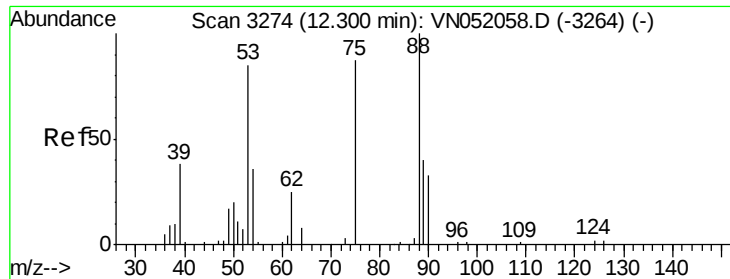
120 47.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN052058.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052058.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 187.355 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

ClientSampleId :

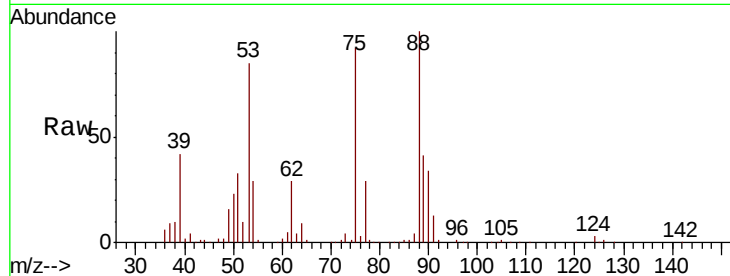
Tgt Ion: 75 Resp: 221183

Ion Ratio Lower Upper

75 100

53 93.8 81.8 122.6

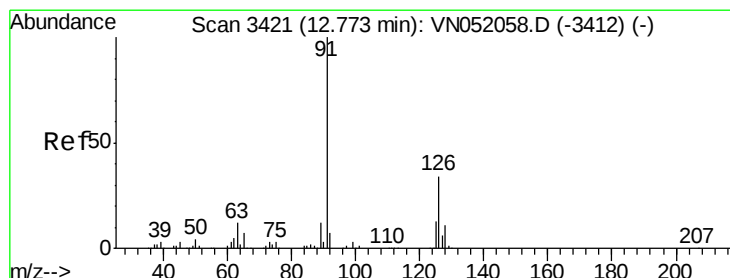
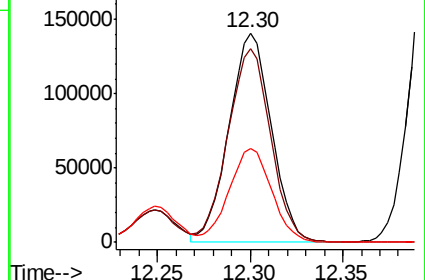
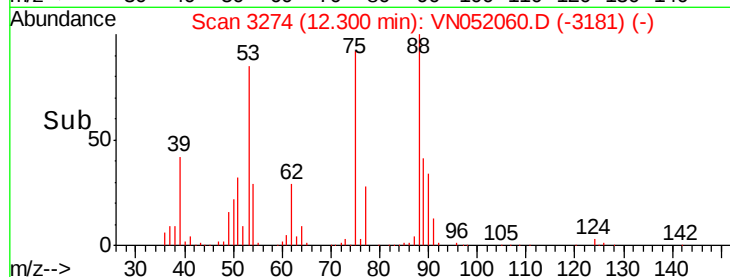
89 45.8 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VN052060.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052060.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052060.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 166.556 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052060.D

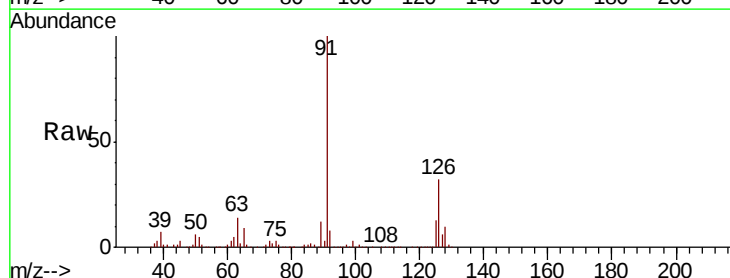
Acq: 30 Oct 2018 11:38

Tgt Ion: 91 Resp: 2132711

Ion Ratio Lower Upper

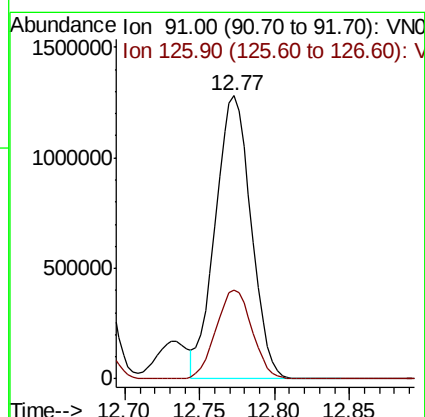
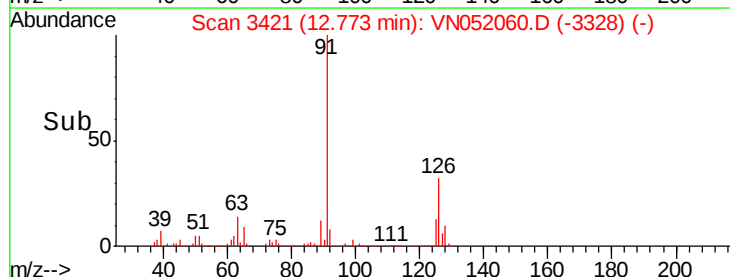
91 100

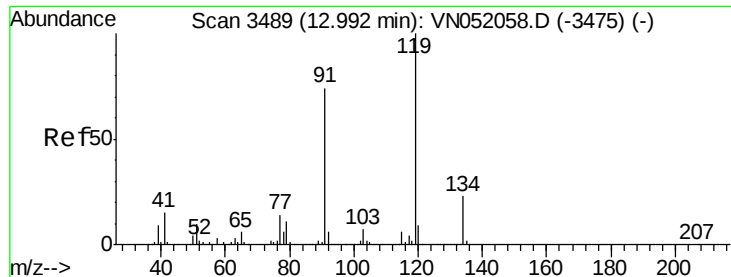
126 31.6 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN052060.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN052060.D (-3328) (-)

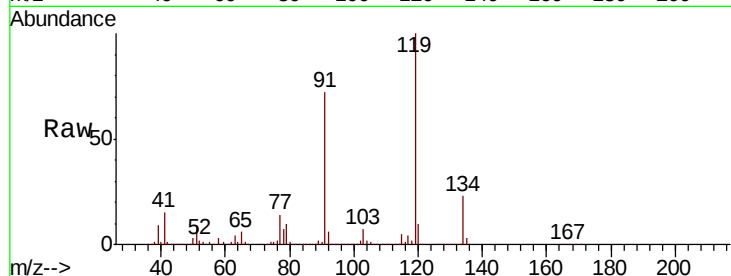




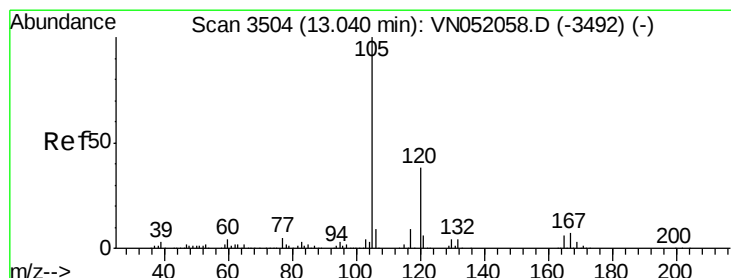
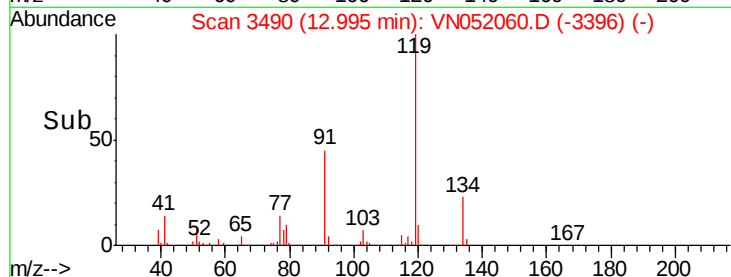
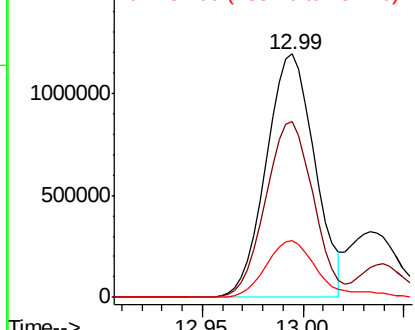
#83
 tert-Butylbenzene
 Concen: 157.186 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Instrument :
 MSVOA_N
 ClientSampled :

Tgt Ion:119 Resp: 1992672
 Ion Ratio Lower Upper
 119 100
 91 71.2 36.6 109.9
 134 25.2 12.5 37.5

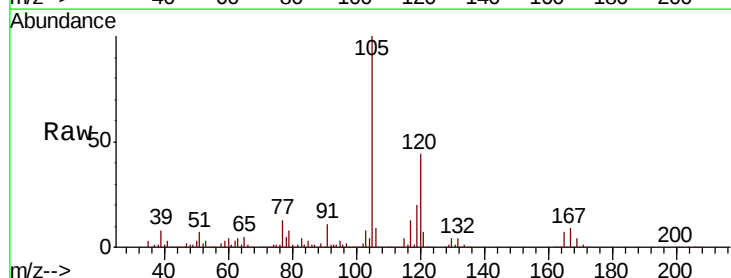


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

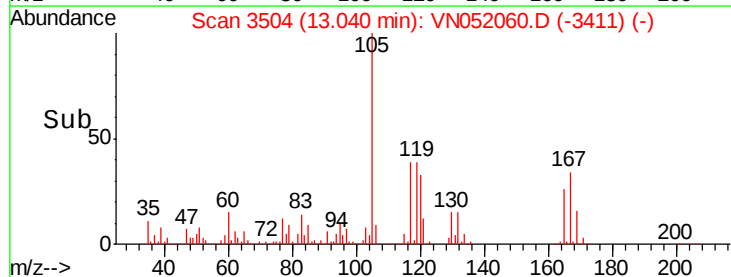
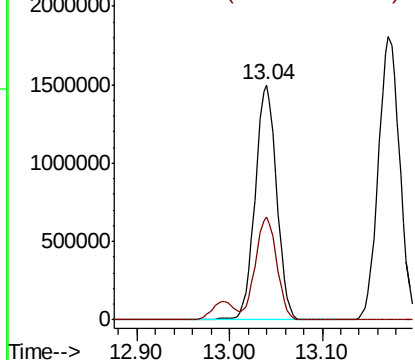


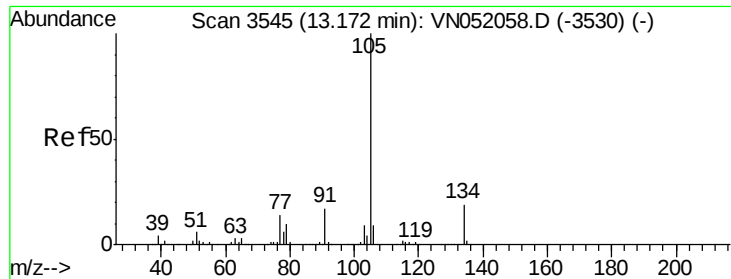
#84
 1,2,4-Trimethylbenzene
 Concen: 164.777 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion:105 Resp: 2399764
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.5



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





#85

sec-Butylbenzene

Concen: 160.252 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

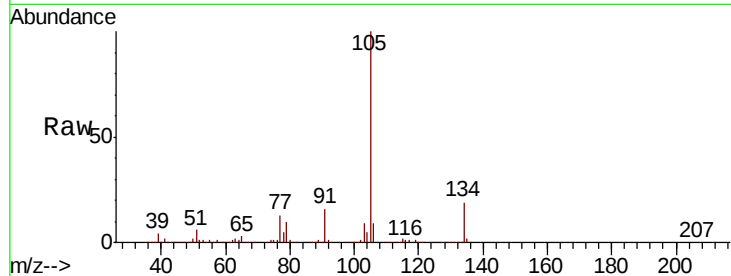
ClientSampled :

Tgt Ion:105 Resp: 2873648

Ion Ratio Lower Upper

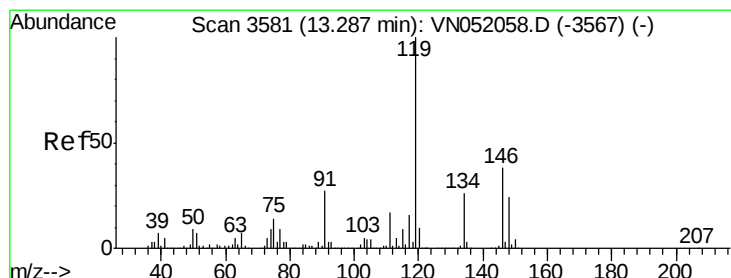
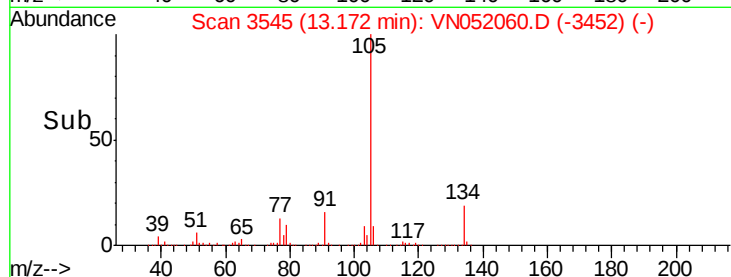
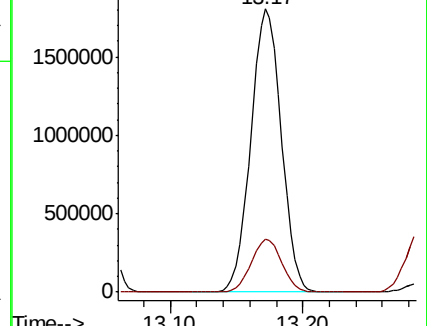
105 100

134 18.7 9.1 27.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 165.058 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

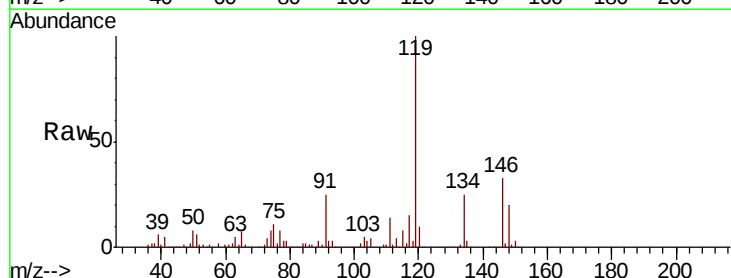
Tgt Ion:119 Resp: 2400669

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

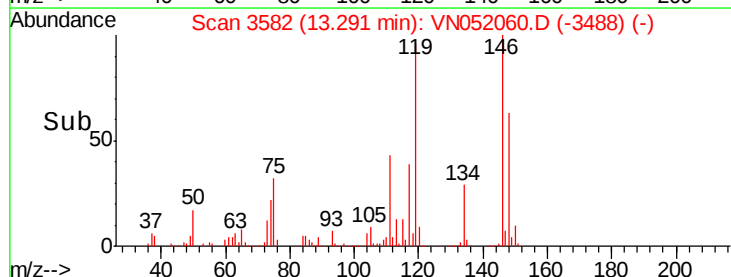
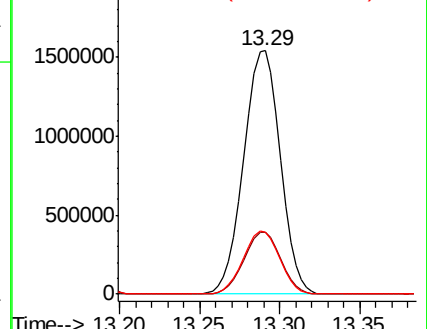
91 25.8 13.4 40.2

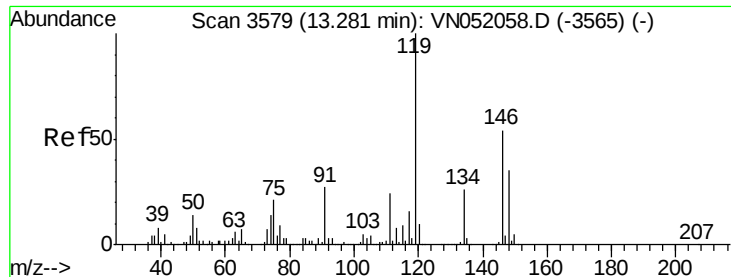


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 156.797 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

ClientSampled :

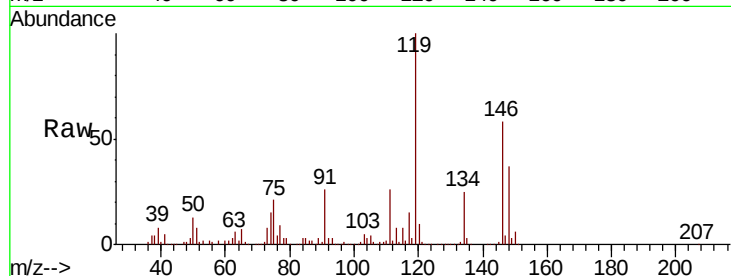
Tgt Ion:146 Resp: 1114015

Ion Ratio Lower Upper

146 100

111 44.7 22.9 68.8

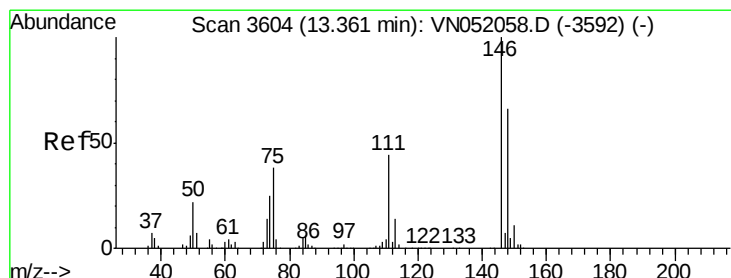
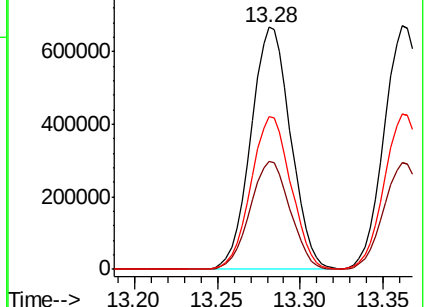
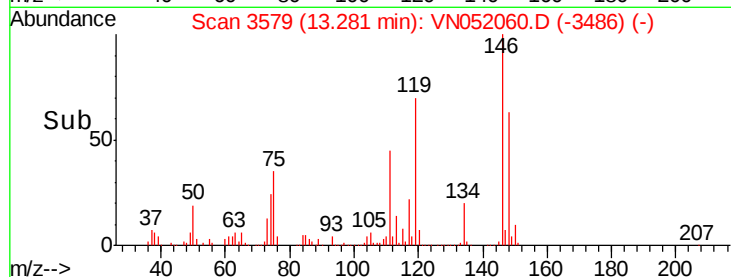
148 63.4 31.8 95.4



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: 155.673 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

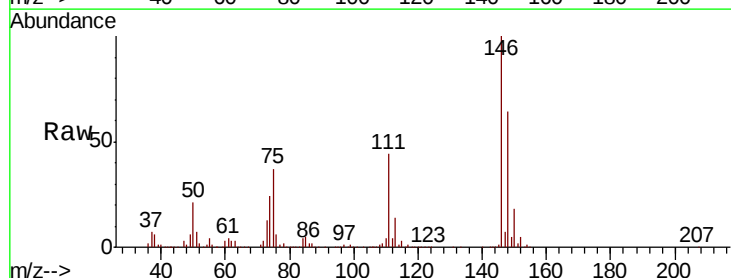
Tgt Ion:146 Resp: 1125725

Ion Ratio Lower Upper

146 100

111 43.6 21.9 65.8

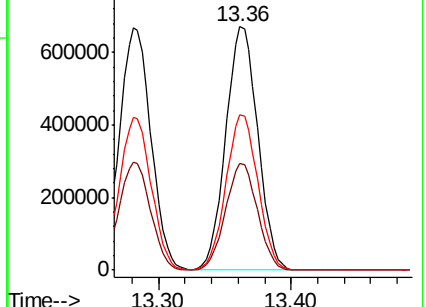
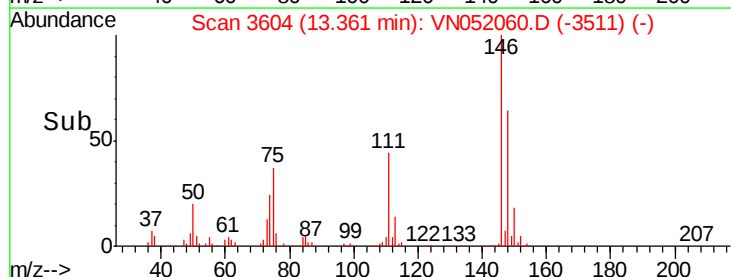
148 63.6 32.6 98.0

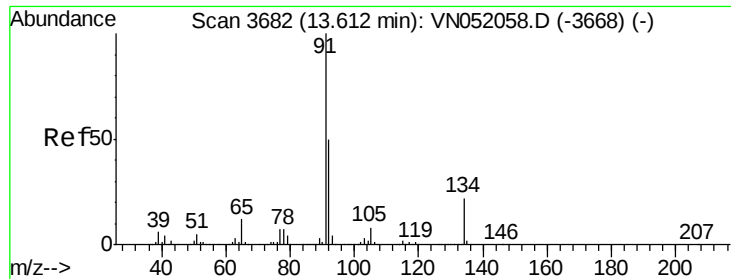


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 161.683 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Instrument :

MSVOA_N

ClientSampleId :

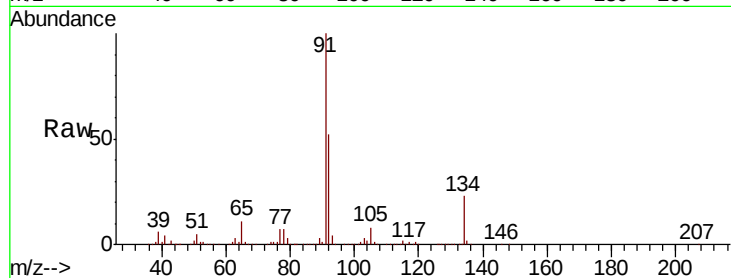
Tgt Ion: 91 Resp: 2271988

Ion Ratio Lower Upper

91 100

92 51.9 25.3 75.8

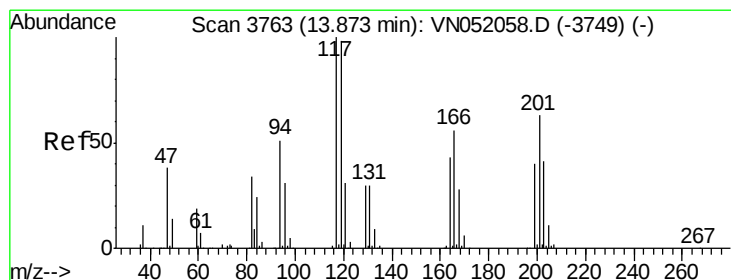
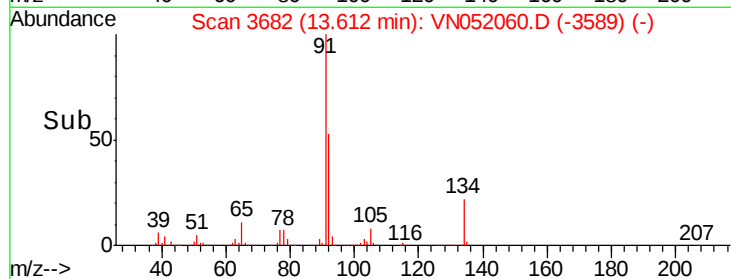
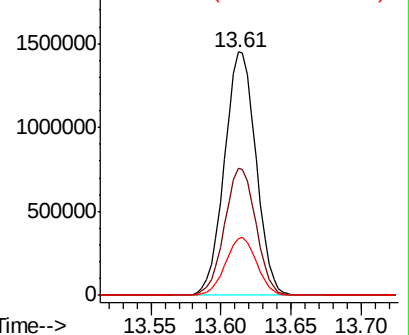
134 23.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN052058.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052058.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052058.D (-3668) (-)



#90

Hexachloroethane

Concen: 174.041 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN052060.D

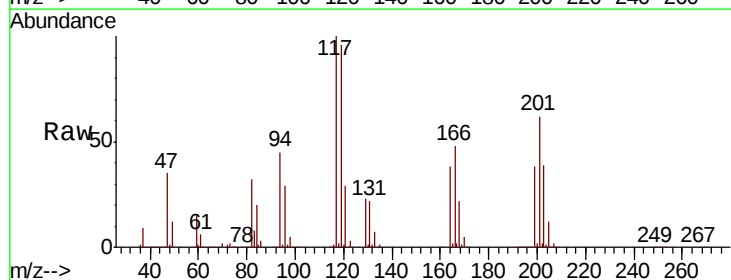
Acq: 30 Oct 2018 11:38

Tgt Ion: 117 Resp: 441261

Ion Ratio Lower Upper

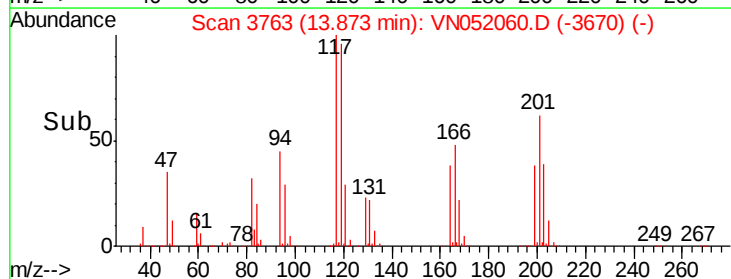
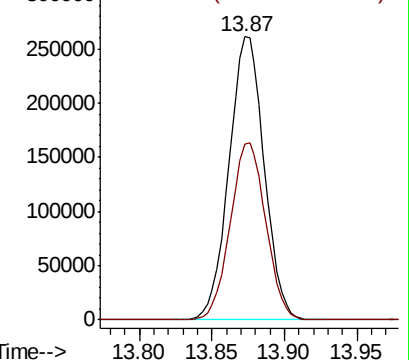
117 100

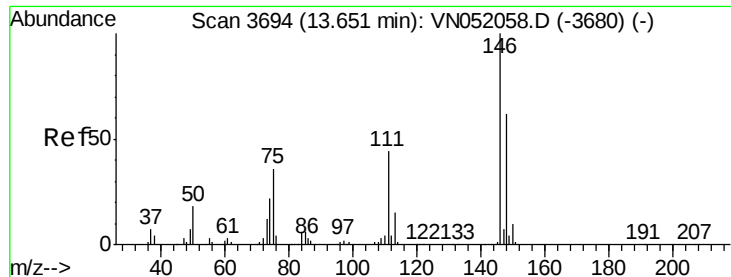
201 63.0 31.1 93.5



Abundance Ion 116.80 (116.50 to 117.50): VN052058.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052058.D (-3749) (-)

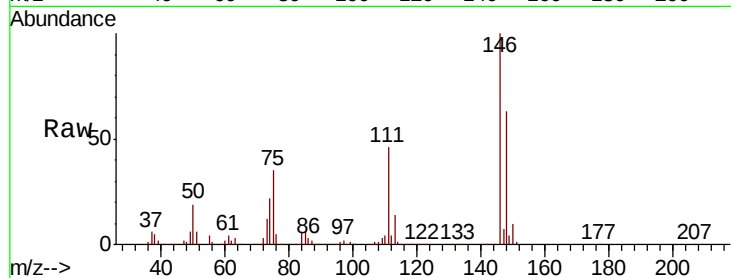




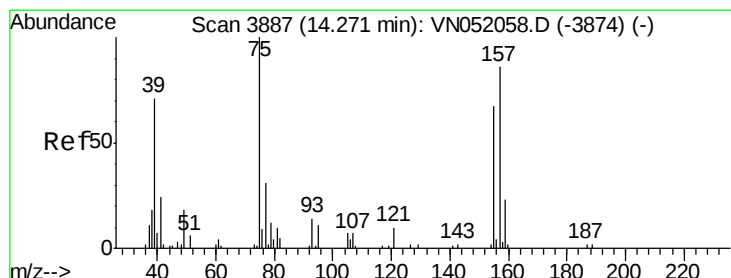
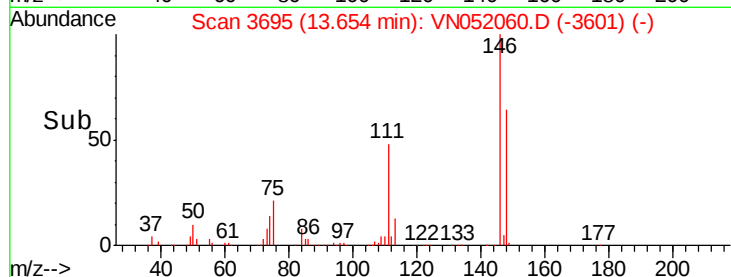
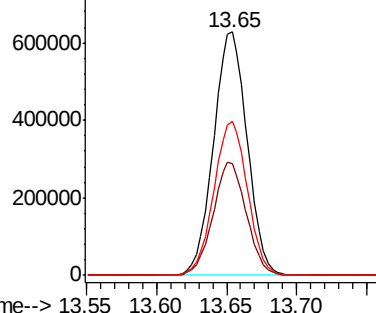
#91
 1,2-Dichlorobenzene
 Concen: 161.311 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Instrument :
 MSVOA_N
 ClientSampled :

Tgt Ion:146 Resp: 1050555
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.5 67.5
 148 63.2 30.9 92.8

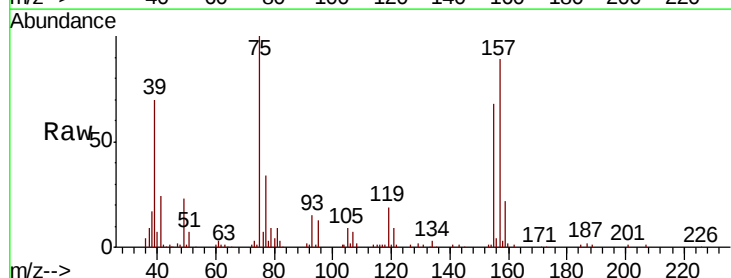


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

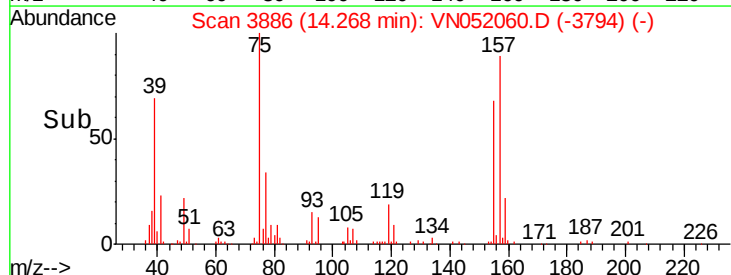
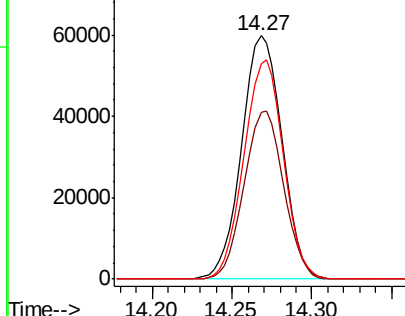


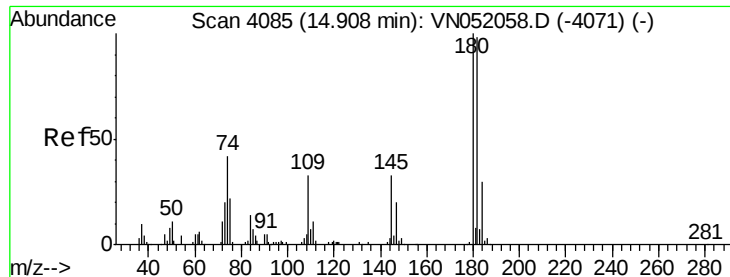
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 249.845 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion: 75 Resp: 103220
 Ion Ratio Lower Upper
 75 100
 155 67.6 34.0 102.0
 157 87.7 42.1 126.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

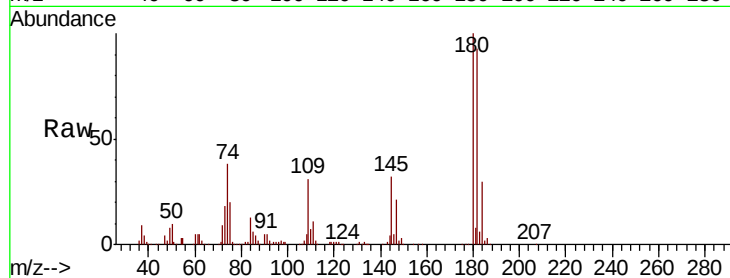




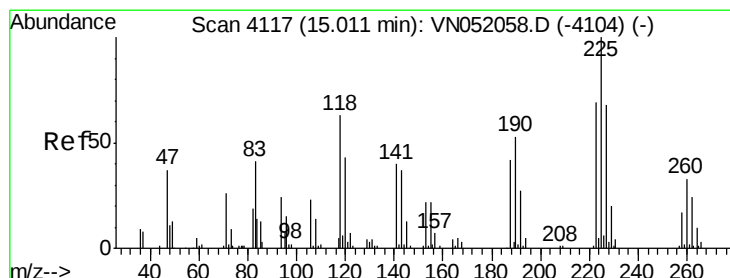
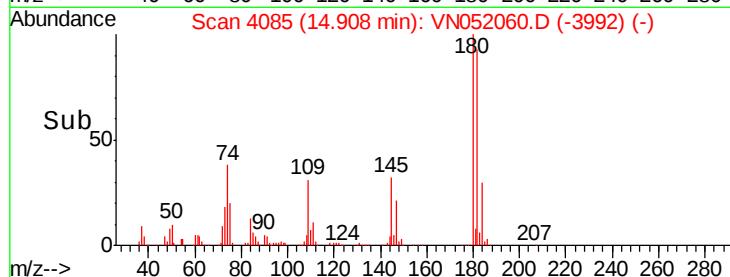
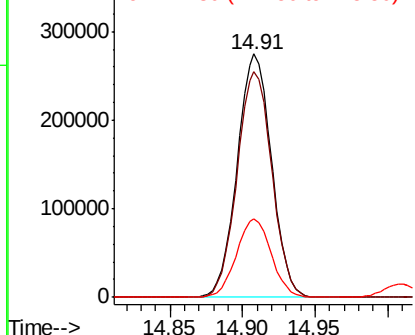
#93
 1,2,4-Trichlorobenzene
 Concen: 191.957 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	49.1	147.4
145	32.7	16.4	49.2

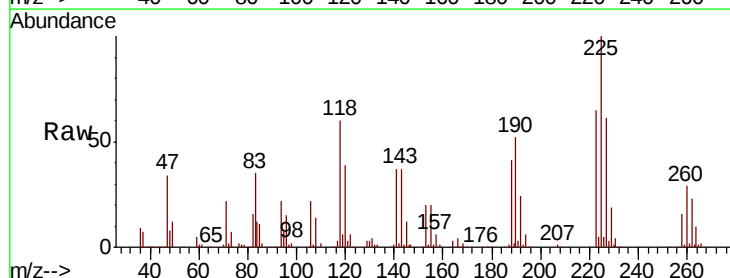


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

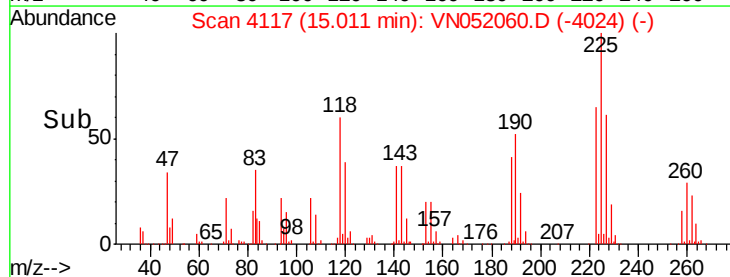
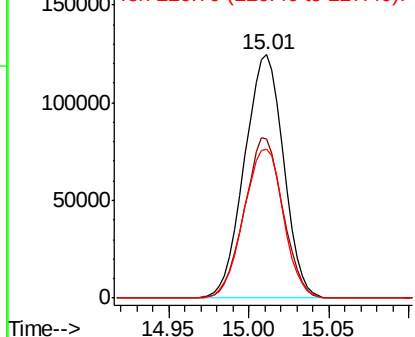


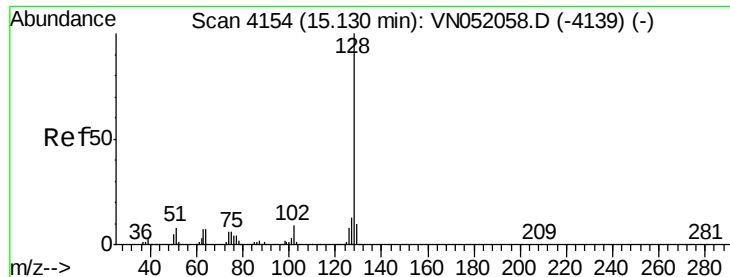
#94
 Hexachlorobutadiene
 Concen: 151.654 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052060.D
 Acq: 30 Oct 2018 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	33.1	99.3
227	62.1	32.6	97.8



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: 181.975 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

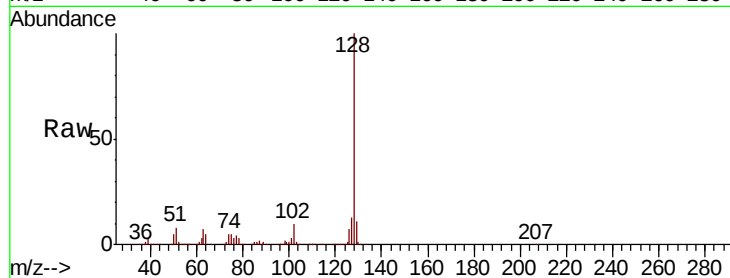
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128 Resp: 1134223

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.9	8.6	12.8



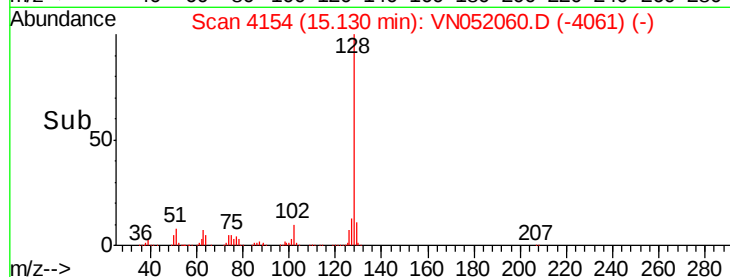
Abundance

Ion 128.00 (127.70 to 128.70): V

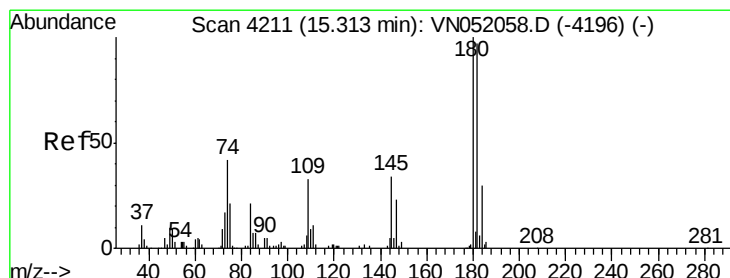
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 178.039 ug/l

RT: 15.31 min Scan# 4211

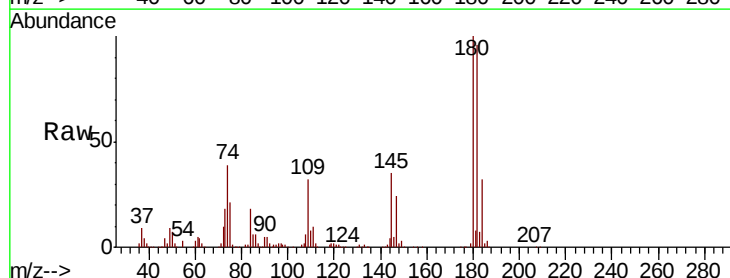
Delta R.T. -0.00 min

Lab File: VN052060.D

Acq: 30 Oct 2018 11:38

Tgt Ion:180 Resp: 380134

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.2	141.6
145	34.3	16.6	49.7



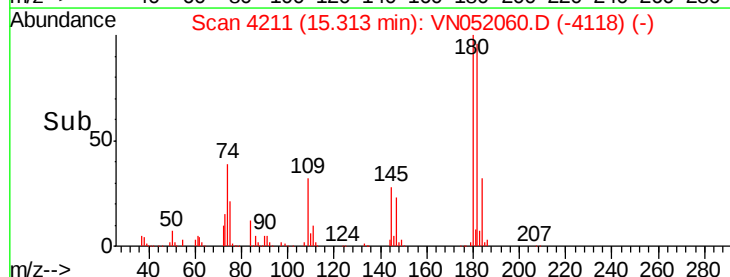
Abundance

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

15.31



Time-->