

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053608.D
 Acq On : 4 Feb 2019 20:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 05 01:30:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	758903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1180161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1035478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	487684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	381429	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.59	113	363571	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	10.09	98	1343800	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.40	95	456809	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	403687	47.203	ug/l	100
3) Chloromethane	2.06	50	454341	50.428	ug/l	99
4) Vinyl Chloride	2.19	62	437279	49.997	ug/l	100
5) Bromomethane	2.57	94	275234	48.130	ug/l	99
6) Chloroethane	2.71	64	251335	50.287	ug/l	99
7) Trichlorofluoromethane	3.02	101	569888	48.050	ug/l	100
8) Diethyl Ether	3.41	74	216254	49.926	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	347264	47.343	ug/l	98
10) Methyl Iodide	3.96	142	560242	48.662	ug/l	100
11) Tert butyl alcohol	4.77	59	115357	256.024	ug/l	99
12) 1,1-Dichloroethene	3.74	96	348776	49.629	ug/l	97
13) Acrolein	3.61	56	116828	476.233	ug/l	100
14) Allyl chloride	4.33	41	520412	46.509	ug/l	94
15) Acrylonitrile	4.99	53	645602	265.416	ug/l	99
16) Acetone	3.82	43	410807	210.366	ug/l	99
17) Carbon Disulfide	4.06	76	997646	45.591	ug/l	100
18) Methyl Acetate	4.33	43	293529	50.754	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	931456	52.284	ug/l	99
20) Methylene Chloride	4.55	84	389541	47.546	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	366744	48.371	ug/l	97
22) Diisopropyl ether	5.95	45	1094051	52.768	ug/l	97
23) Vinyl Acetate	5.90	43	3803280	265.168	ug/l	99
24) 1,1-Dichloroethane	5.85	63	676731	48.936	ug/l	98
25) 2-Butanone	6.84	43	691180	248.166	ug/l	99
26) 2,2-Dichloropropane	6.83	77	468514	44.382	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	428161	50.786	ug/l	96
28) Bromochloromethane	7.20	49	302907	50.475	ug/l	97
29) Tetrahydrofuran	7.21	42	476311	266.329	ug/l	99
30) Chloroform	7.37	83	666816	48.643	ug/l	100
31) Cyclohexane	7.66	56	613285	47.625	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	566561	49.662	ug/l	98
36) 1,1-Dichloropropene	7.80	75	513867	48.303	ug/l	99
37) Ethyl Acetate	6.93	43	319545	53.781	ug/l	100
38) Carbon Tetrachloride	7.78	117	496139	46.294	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	579553	45.918	ug/l	99
40) Benzene	8.04	78	1573549	47.965	ug/l	99
41) Methacrylonitrile	7.17	41	165669	49.889	ug/l	90
42) 1,2-Dichloroethane	8.12	62	466297	47.870	ug/l	100
43) Isopropyl Acetate	8.16	43	569113	49.598	ug/l	98
44) Trichloroethene	8.84	130	431625	46.214	ug/l	97
45) 1,2-Dichloropropane	9.12	63	410085	48.872	ug/l	98
46) Dibromomethane	9.21	93	240640	47.574	ug/l	98
47) Bromodichloromethane	9.40	83	509890	48.483	ug/l	100
48) Methyl methacrylate	9.20	41	268021	48.933	ug/l	94
49) 1,4-Dioxane	9.20	88	73374	927.459	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1503690	266.678	ug/l	100
52) Toluene	10.16	92	948011	48.690	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	517161	49.108	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	607675	48.695	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	350620	49.975	ug/l	99
56) Ethyl methacrylate	10.43	69	436298	52.567	ug/l	99
57) 1,3-Dichloropropane	10.71	76	585940	48.866	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1206220	234.839	ug/l	99
59) 2-Hexanone	10.75	43	951759	248.639	ug/l	98
60) Dibromochloromethane	10.90	129	386470	48.848	ug/l	99
61) 1,2-Dibromoethane	11.01	107	332959	47.948	ug/l	99
64) Tetrachloroethene	10.63	164	402651	45.362	ug/l	99
65) Chlorobenzene	11.44	112	1035734	47.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	373324	48.601	ug/l	99
67) Ethyl Benzene	11.51	91	1750321	48.444	ug/l	100
68) m/p-Xylenes	11.62	106	1352005	98.045	ug/l	98
69) o-Xylene	11.95	106	660578	49.585	ug/l	99
70) Styrene	11.97	104	1073031	49.694	ug/l	100
71) Bromoform	12.13	173	267669	50.828	ug/l #	99
73) Isopropylbenzene	12.25	105	1697710	49.520	ug/l	100
74) N-amyl acetate	12.07	43	441120	53.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	405038	49.365	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	494482	78.940	ug/l #	100
77) Bromobenzene	12.53	156	450950	48.806	ug/l	99
78) n-propylbenzene	12.59	91	1951205	49.233	ug/l	100
79) 2-Chlorotoluene	12.68	91	1157251	49.218	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1440769	50.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	108792	48.837	ug/l	100
82) 4-Chlorotoluene	12.77	91	1182042	48.991	ug/l	100
83) tert-Butylbenzene	12.99	119	1256048	49.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1473364	50.868	ug/l	99
85) sec-Butylbenzene	13.17	105	1686046	49.311	ug/l	100
86) p-Isopropyltoluene	13.29	119	1488054	49.761	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	789494	47.532	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	787934	47.957	ug/l	99
89) n-Butylbenzene	13.62	91	1249447	48.271	ug/l	100
90) Hexachloroethane	13.87	117	243384	49.342	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	764032	48.049	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58078	49.667	ug/l	98

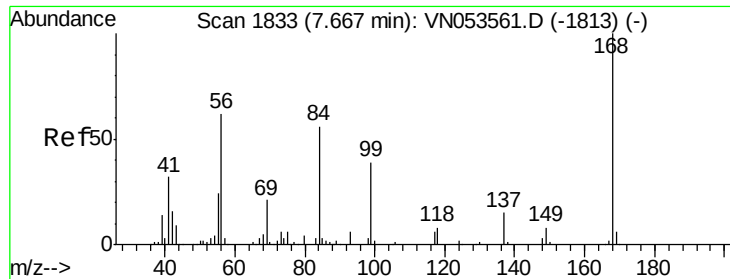
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	446085	48.914	ug/l	99
94) Hexachlorobutadiene	15.01	225	234755	41.334	ug/l	99
95) Naphthalene	15.13	128	1012643	47.363	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	414855	49.025	ug/l	100

(#) = 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: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

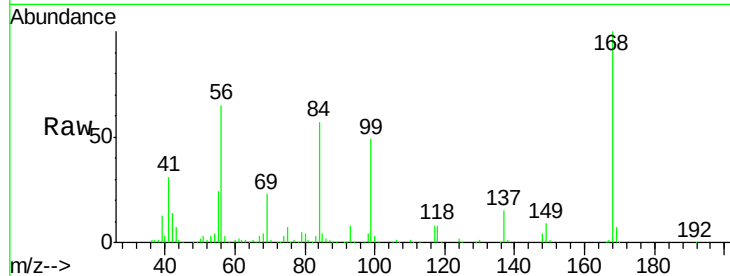
VSTDCCC050EC

Tot Ion:168 Resp: 758903

Ion Ratio Lower Upper

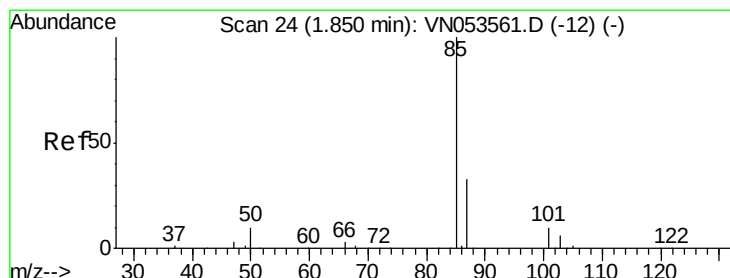
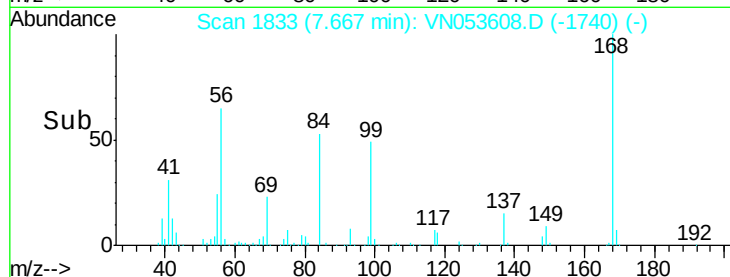
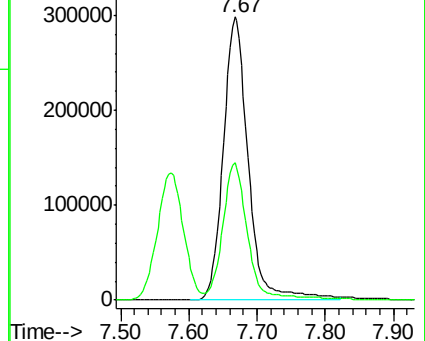
168 100

99 48.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.203 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053608.D

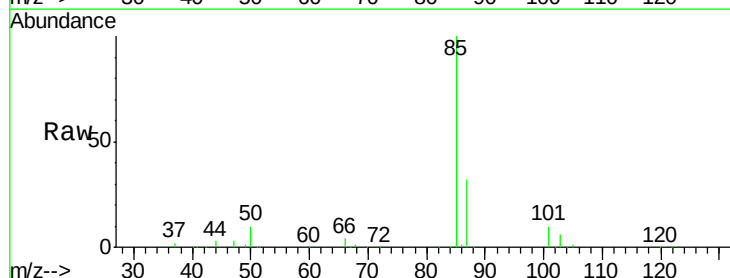
Acq: 4 Feb 2019 20:24

Tgt Ion: 85 Resp: 403687

Ion Ratio Lower Upper

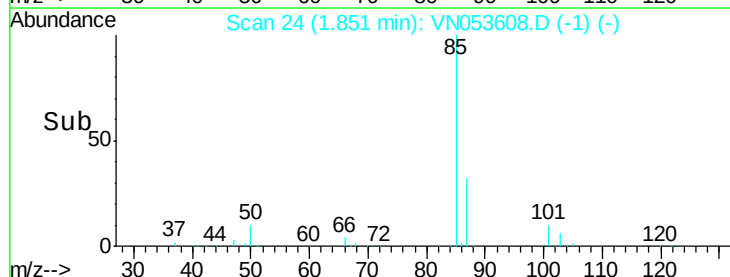
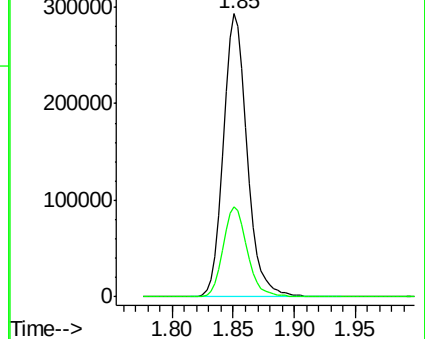
85 100

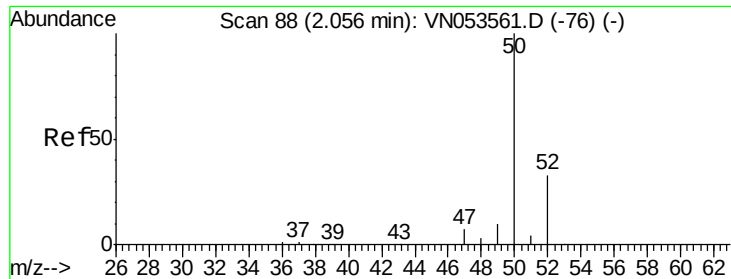
87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 50.428 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.01 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

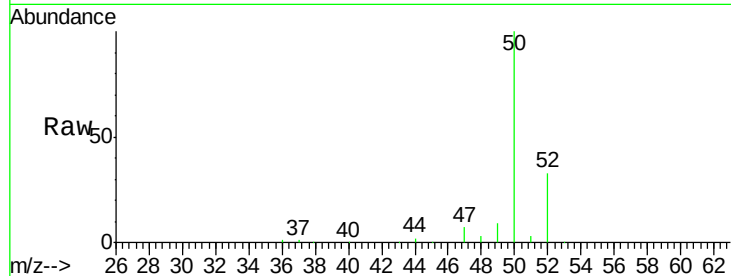
VSTDCCC050EC

Tot Ion: 50 Resp: 454341

Ion Ratio Lower Upper

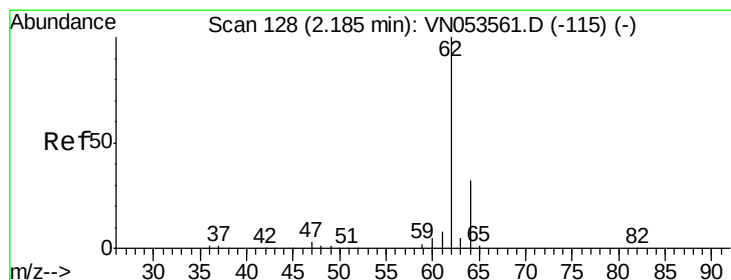
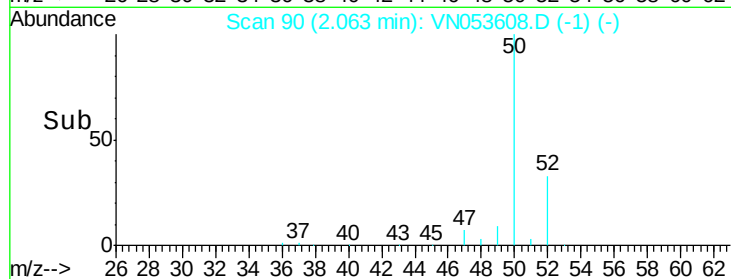
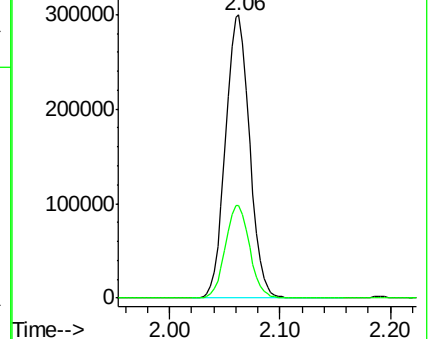
50 100

52 32.7 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 49.997 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053608.D

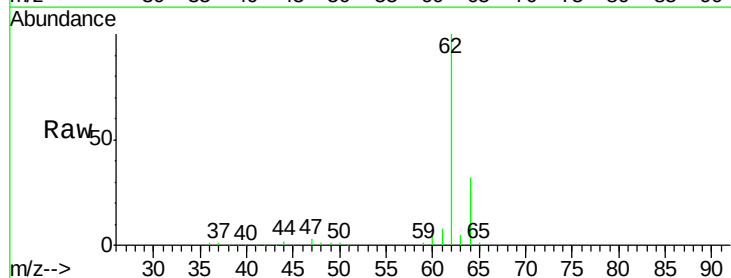
Acq: 4 Feb 2019 20:24

Tgt Ion: 62 Resp: 437279

Ion Ratio Lower Upper

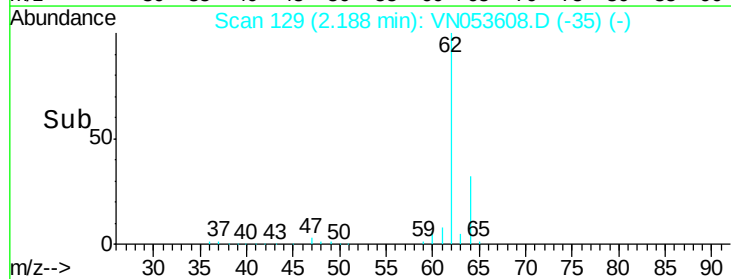
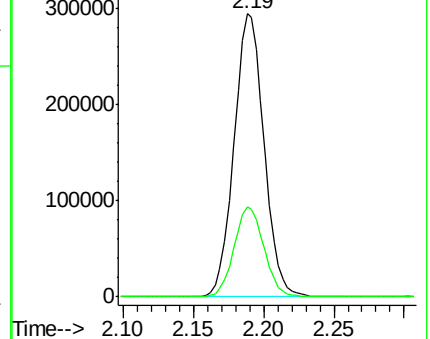
62 100

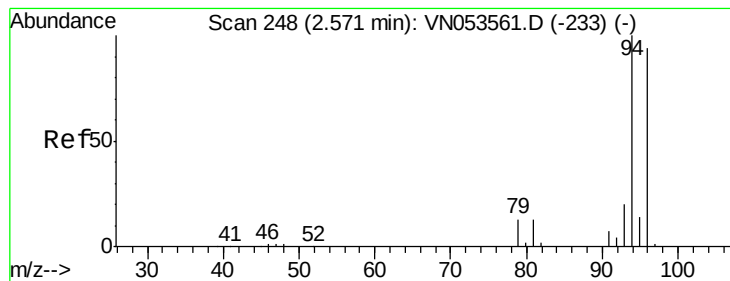
64 31.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 48.130 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

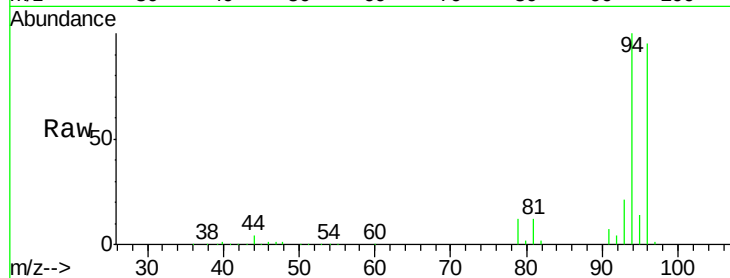
VSTDCCC050EC

Tot Ion: 94 Resp: 275234

Ion Ratio Lower Upper

94 100

96 95.1 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN053608.D (-155) (-)

Ion 95.90 (95.60 to 96.60): VN053608.D (-155) (-)

2.57

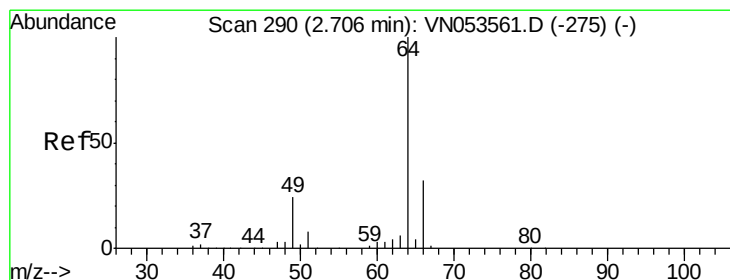
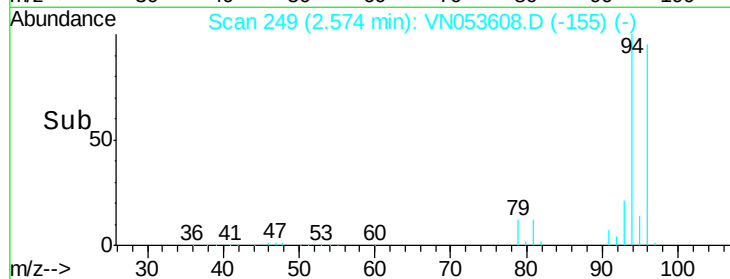
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 50.287 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053608.D

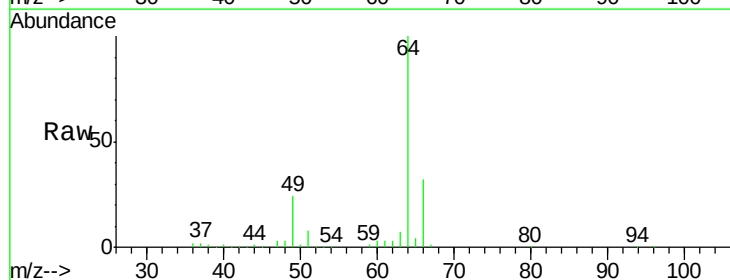
Acq: 4 Feb 2019 20:24

Tgt Ion: 64 Resp: 251335

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN053608.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN053608.D (-197) (-)

2.71

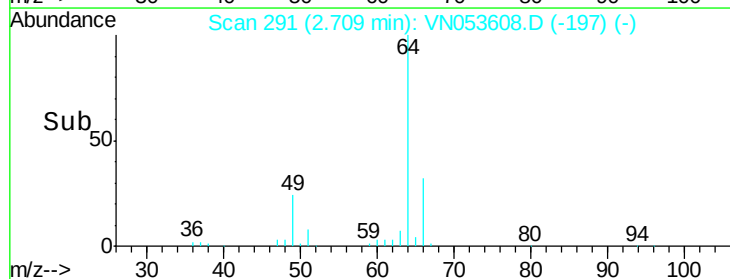
150000

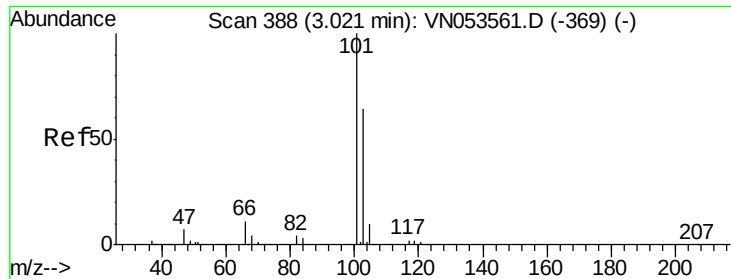
100000

50000

0

Time-->



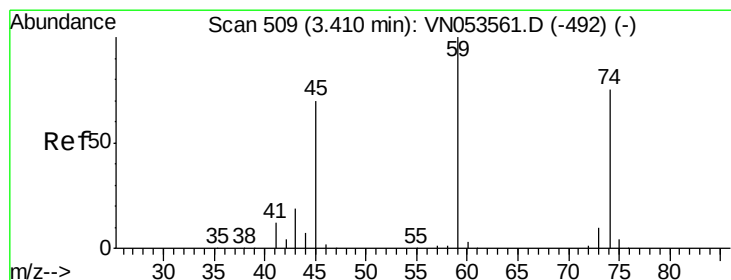
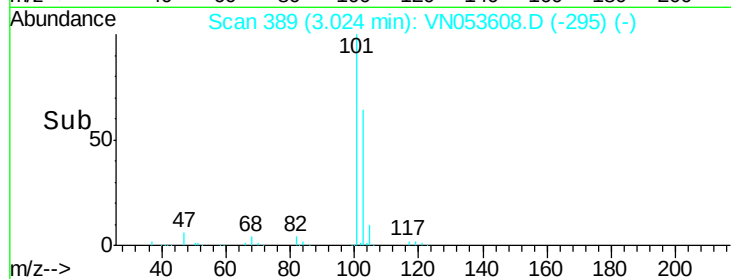
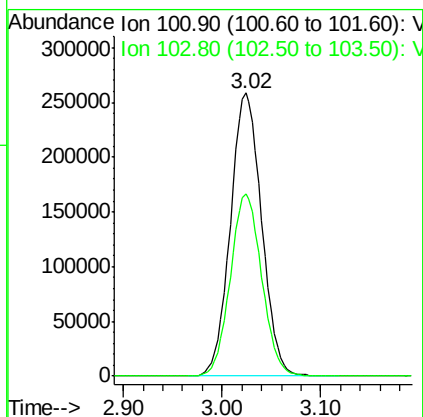
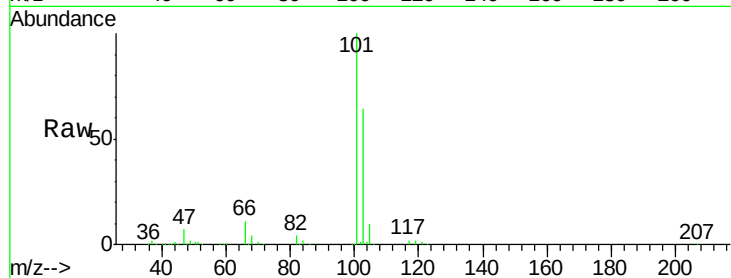


#7

Trichlorofluoromethane
 Concen: 48.050 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

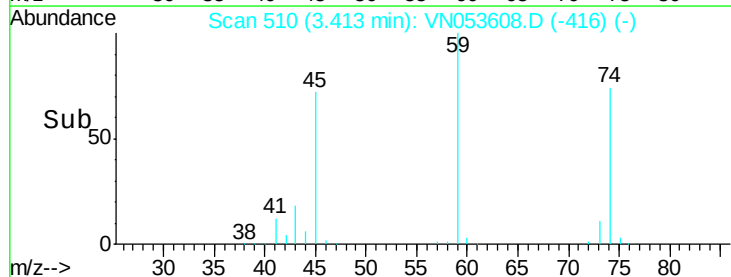
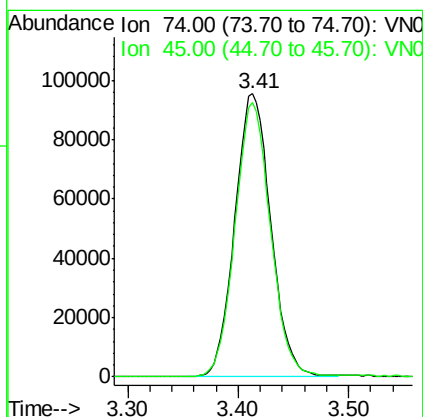
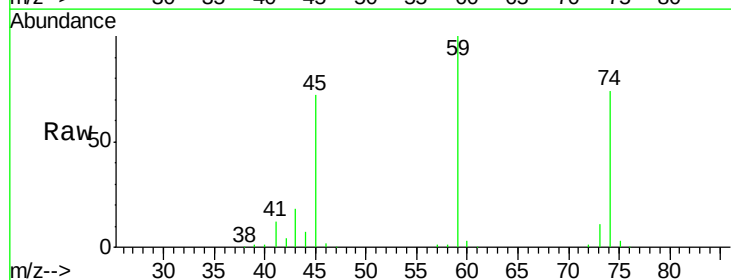
Tot Ion:101 Resp: 569888
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.6 77.4

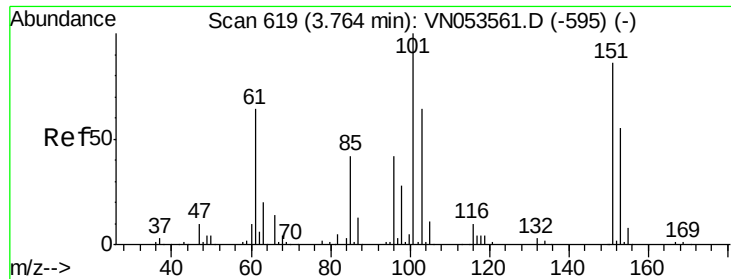


#8

Diethyl Ether
 Concen: 49.926 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion: 74 Resp: 216254
 Ion Ratio Lower Upper
 74 100
 45 95.0 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.343 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

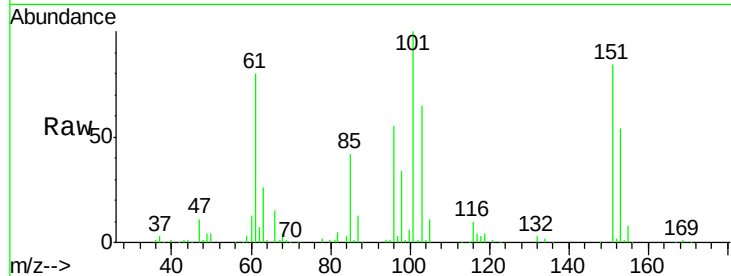
Tot Ion:101 Resp: 347264

Ion Ratio Lower Upper

101 100

85 41.6 32.8 49.2

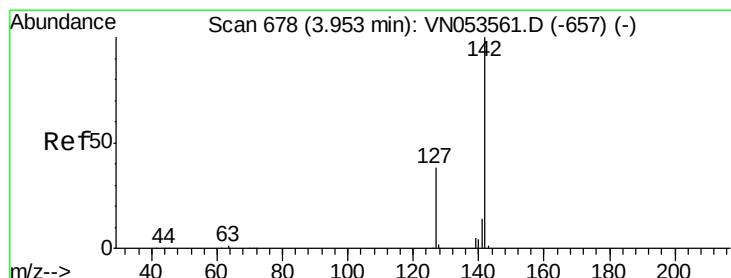
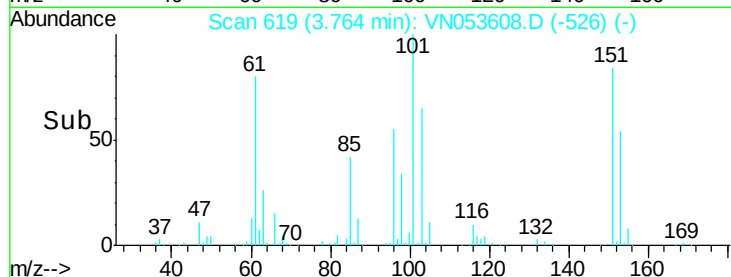
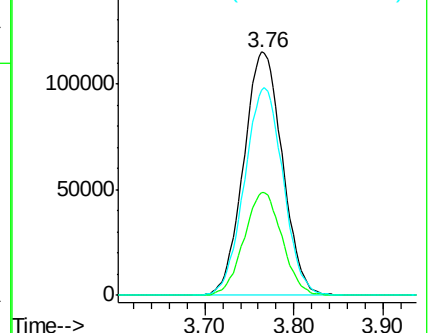
151 85.3 66.9 100.3



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: 48.662 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

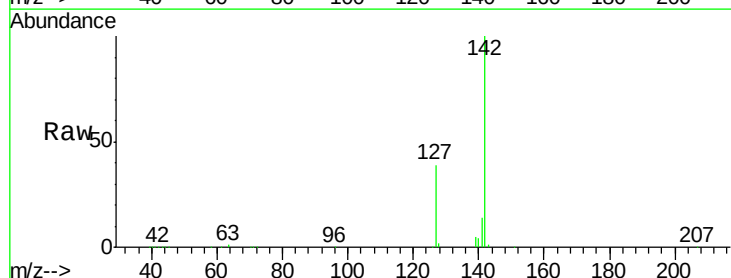
Tgt Ion:142 Resp: 560242

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

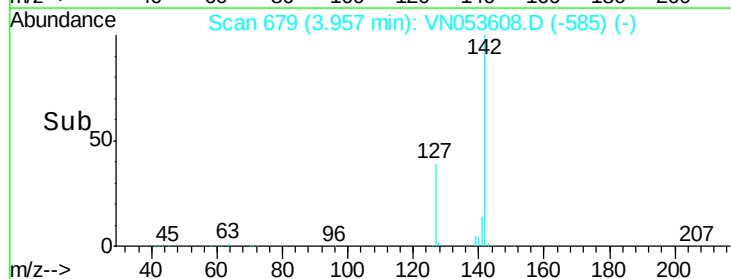
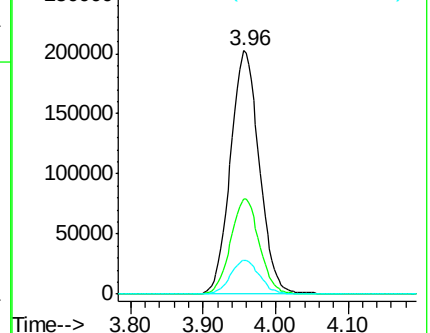
141 14.0 11.1 16.7

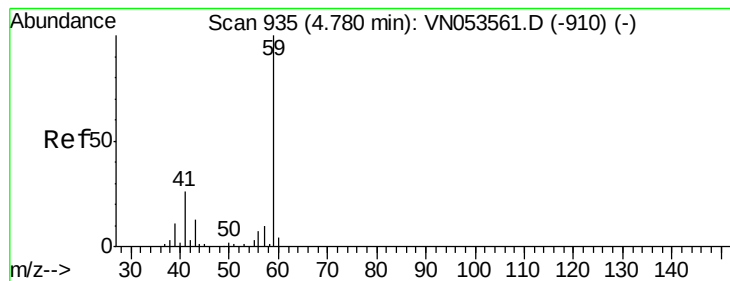


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



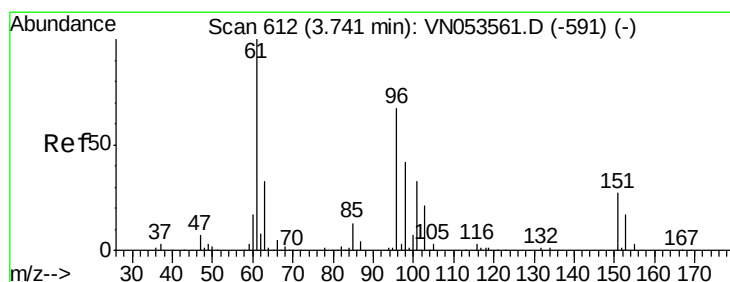
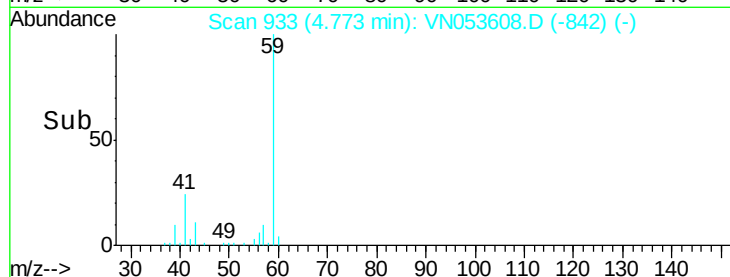
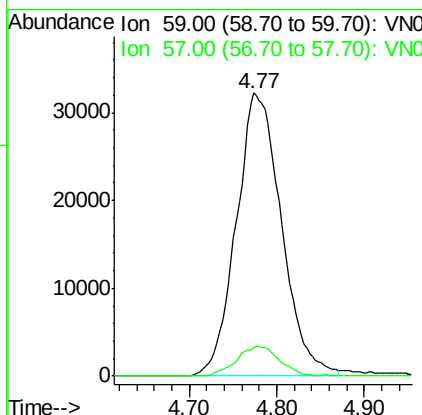
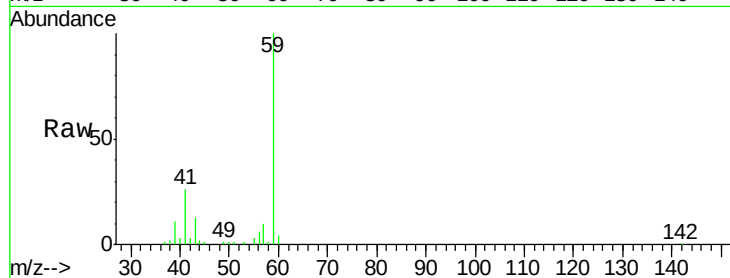


#11

Tert butyl alcohol
 Concen: 256.024 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

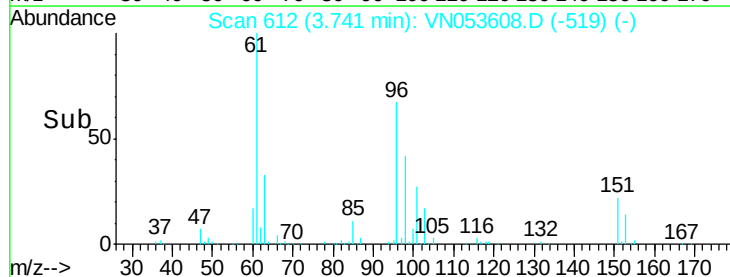
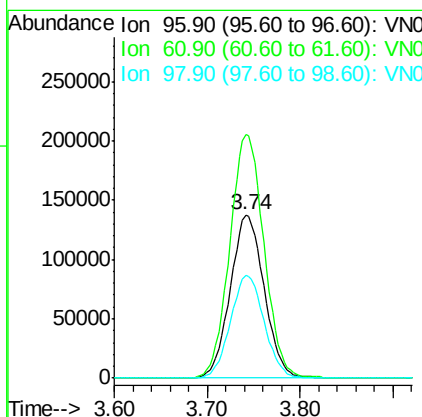
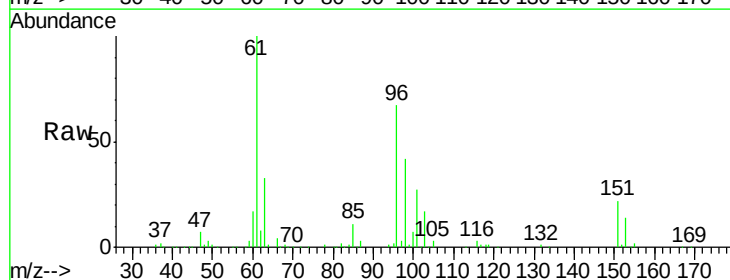
Tot Ion: 59 Resp: 115357
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

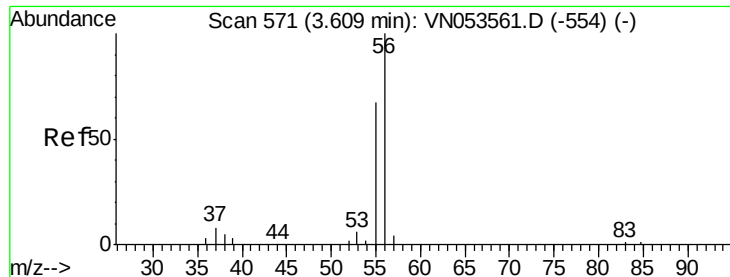


#12

1,1-Dichloroethene
 Concen: 49.629 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion: 96 Resp: 348776
 Ion Ratio Lower Upper
 96 100
 61 149.1 122.9 184.3
 98 62.6 49.4 74.0

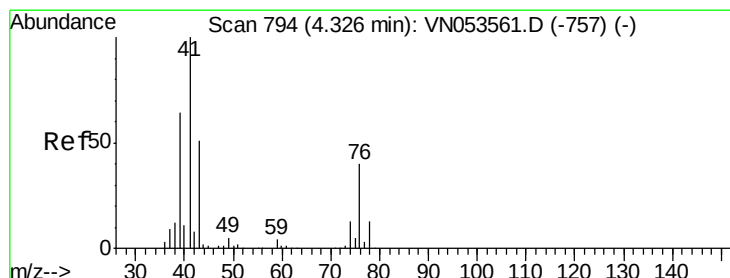
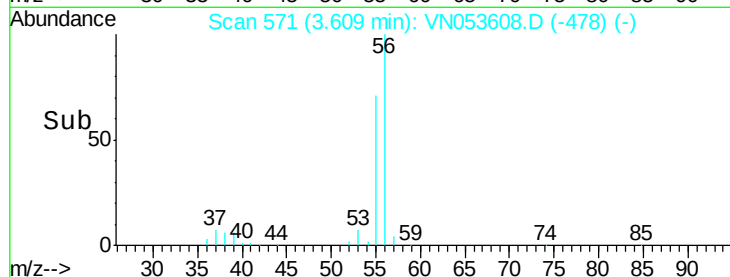
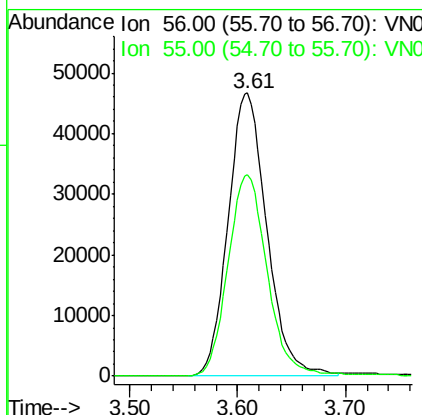
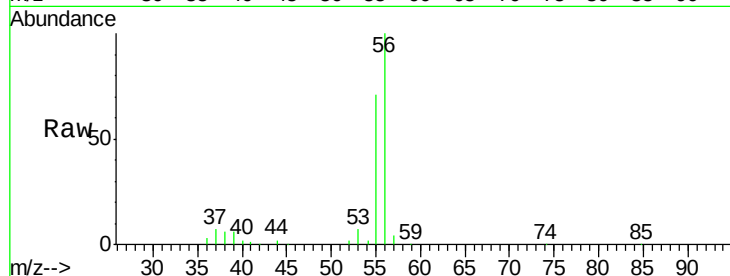




#13
 Acrolein
 Concen: 476.233 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

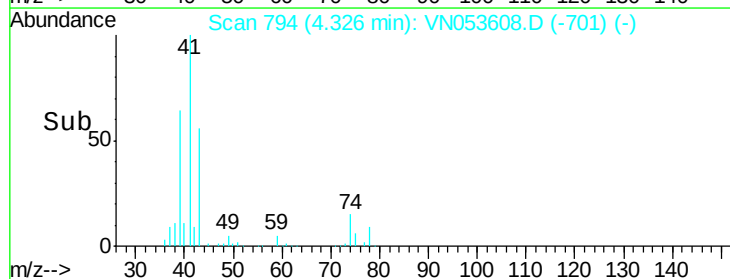
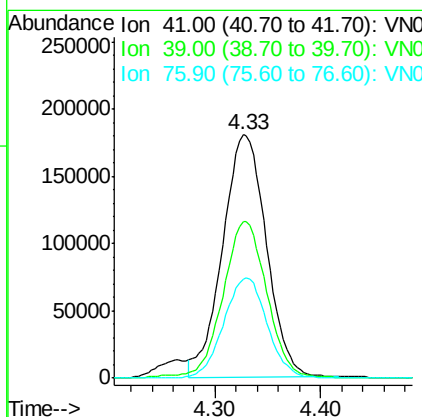
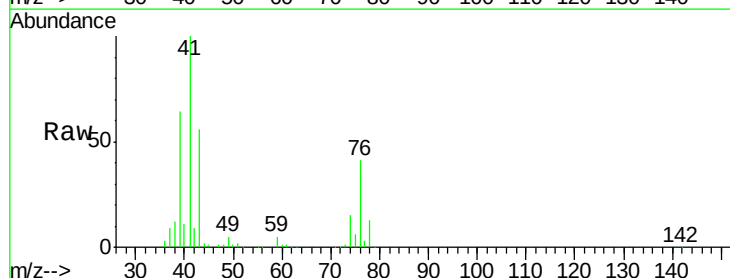
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

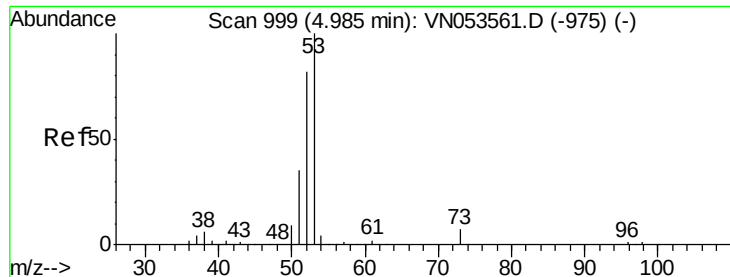
Tot Ion: 56 Resp: 116828
 Ion Ratio Lower Upper
 56 100
 55 71.6 57.4 86.0



#14
 Allyl chloride
 Concen: 46.509 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion: 41 Resp: 520412
 Ion Ratio Lower Upper
 41 100
 39 65.2 48.9 73.3
 76 40.3 29.4 44.2





#15

Acrylonitrile

Concen: 265.416 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

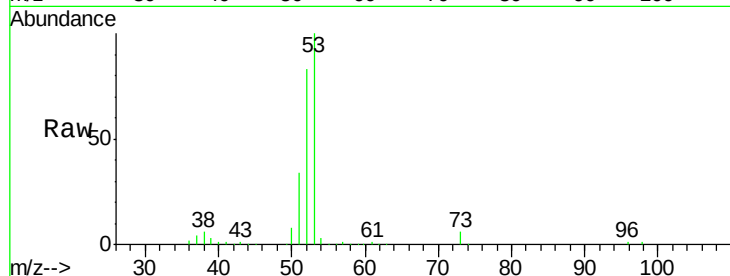
Tot Ion: 53 Resp: 645602

Ion Ratio Lower Upper

53 100

52 81.9 66.0 99.0

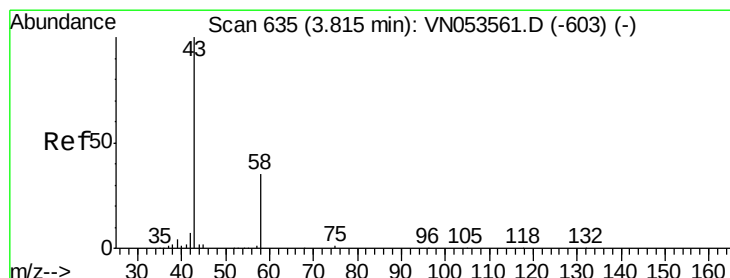
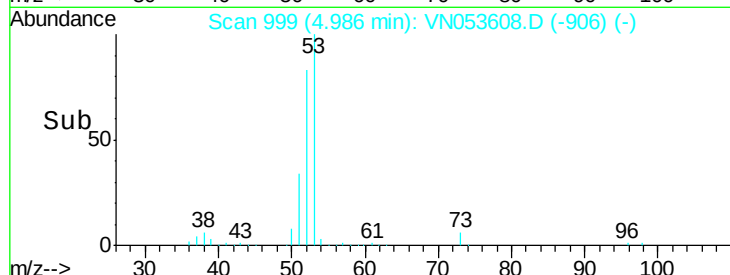
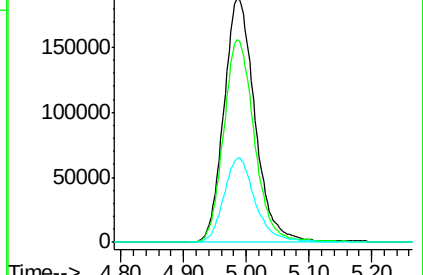
51 34.8 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN053561.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN053561.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN053561.D (-975) (-)



#16

Acetone

Concen: 210.366 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053608.D

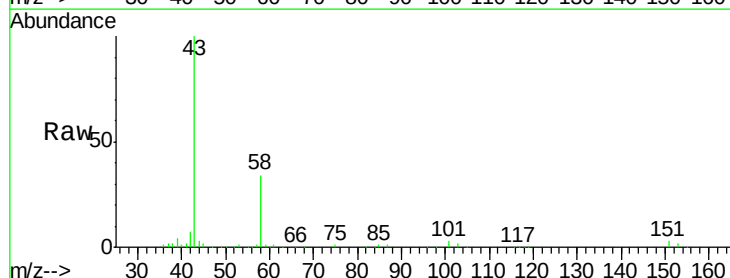
Acq: 4 Feb 2019 20:24

Tgt Ion: 43 Resp: 410807

Ion Ratio Lower Upper

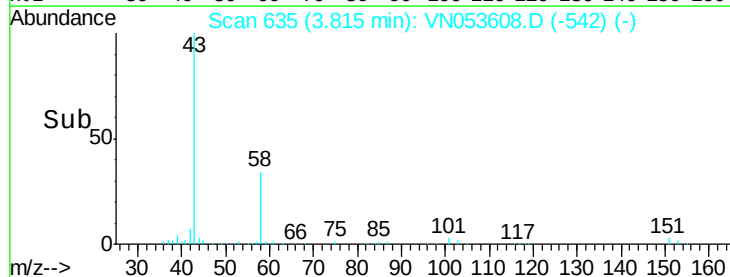
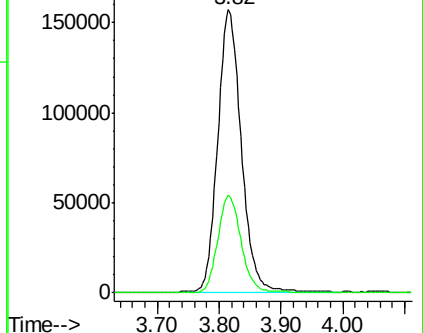
43 100

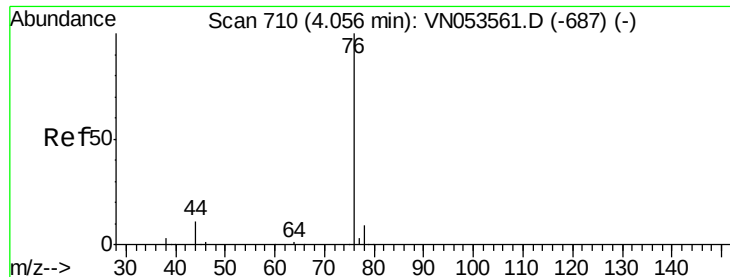
58 34.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-603) (-)





#17

Carbon Disulfide

Concen: 45.591 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

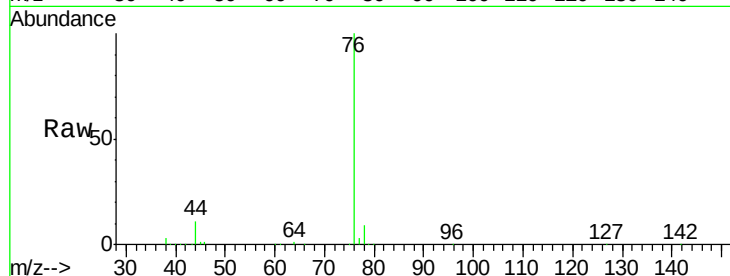
VSTDCCC050EC

Tot Ion: 76 Resp: 997646

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

400000

300000

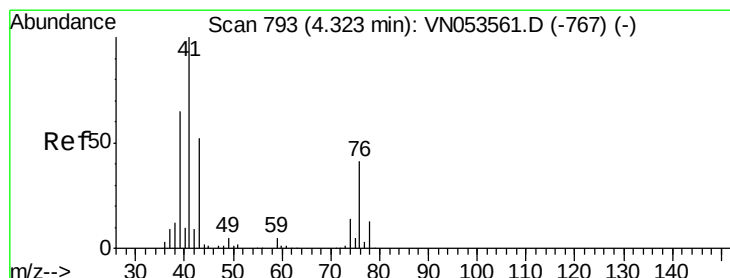
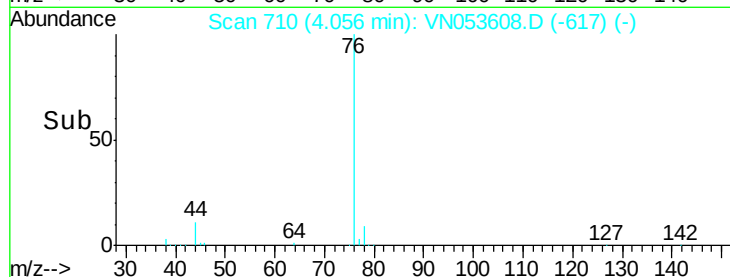
200000

100000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 50.754 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053608.D

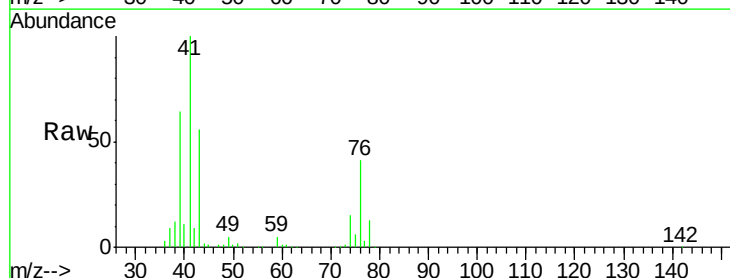
Acq: 4 Feb 2019 20:24

Tgt Ion: 43 Resp: 293529

Ion Ratio Lower Upper

43 100

74 25.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

120000

100000

80000

60000

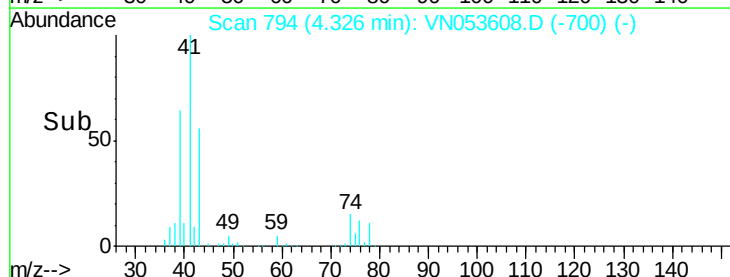
40000

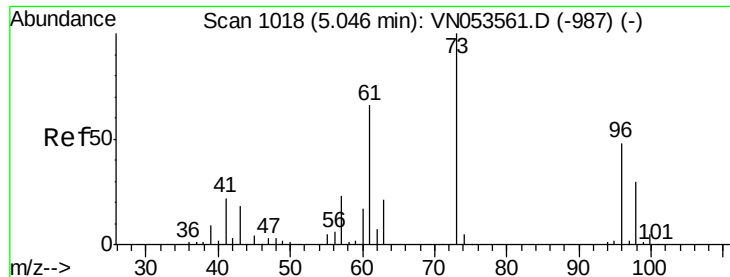
20000

0

Time-->

4.20 4.30 4.40





#19

Methyl tert-butyl Ether

Concen: 52.284 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

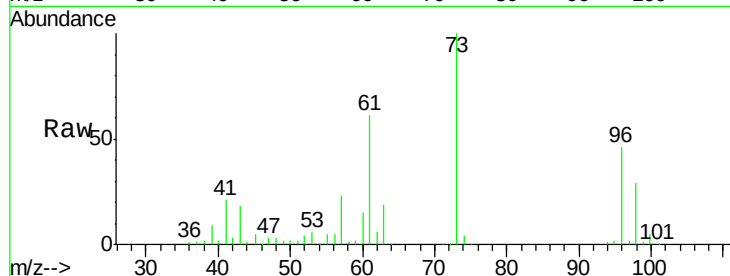
VSTDCCC050EC

Tot Ion: 73 Resp: 931456

Ion Ratio Lower Upper

73 100

57 22.5 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VN053608.D (-925) (-)

Ion 57.00 (56.70 to 57.70): VN053608.D (-925) (-)

5.05

250000

200000

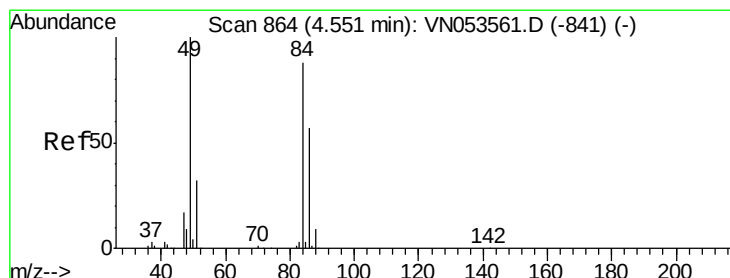
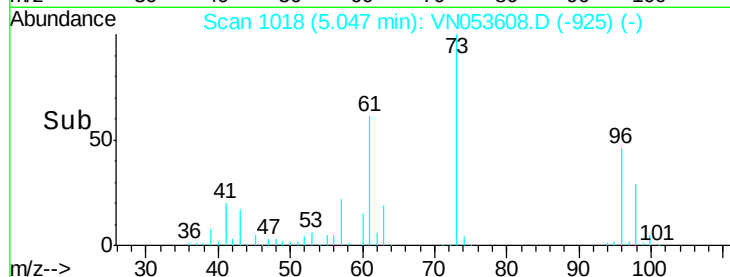
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 47.546 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Tgt Ion: 84 Resp: 389541

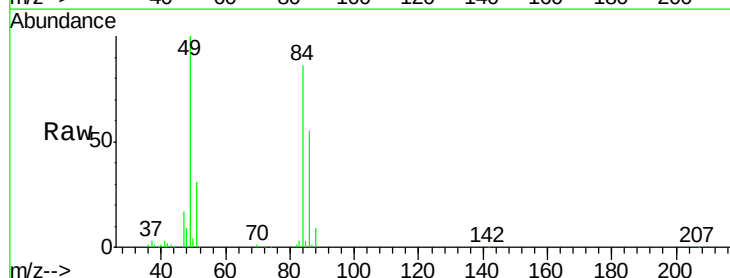
Ion Ratio Lower Upper

84 100

49 116.9 94.3 141.5

51 36.4 29.4 44.2

86 64.9 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VN053608.D (-771) (-)

Ion 48.90 (48.60 to 49.60): VN053608.D (-771) (-)

Ion 50.90 (50.60 to 51.60): VN053608.D (-771) (-)

Ion 85.90 (85.60 to 86.60): VN053608.D (-771) (-)

4.55

200000

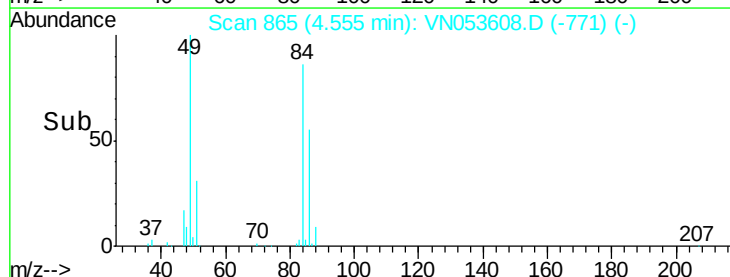
150000

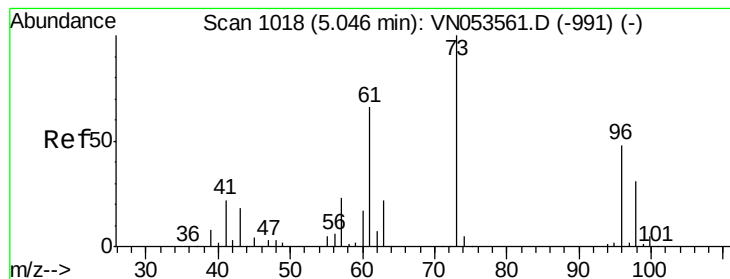
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 48.371 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

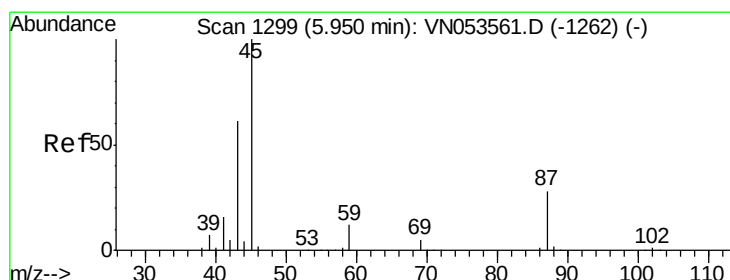
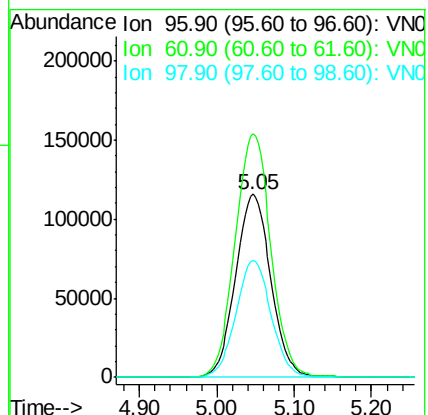
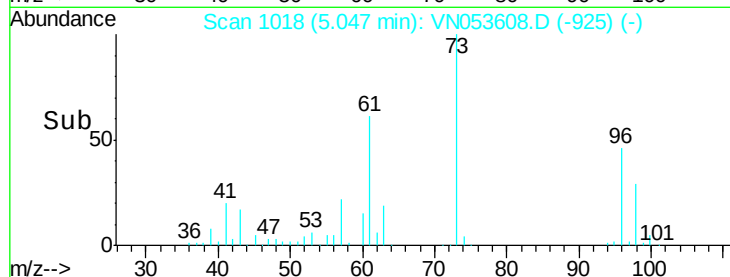
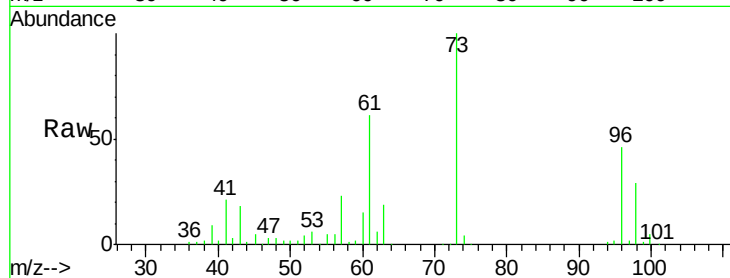
Tot Ion: 96 Resp: 366744

Ion Ratio Lower Upper

96 100

61 132.9 110.1 165.1

98 64.0 50.0 75.0



#22

Diisopropyl ether

Concen: 52.768 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Tgt Ion: 45 Resp: 1094051

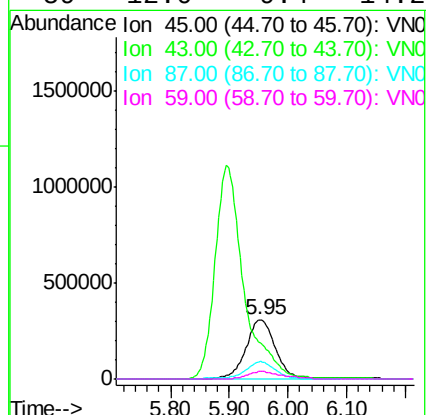
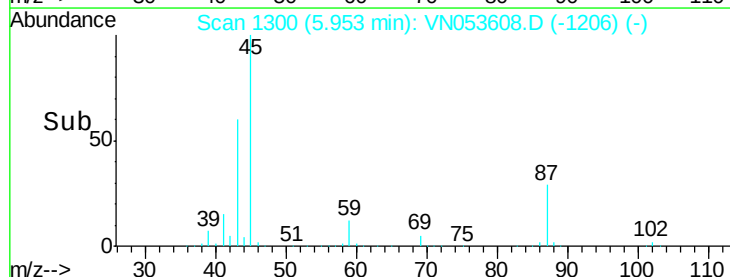
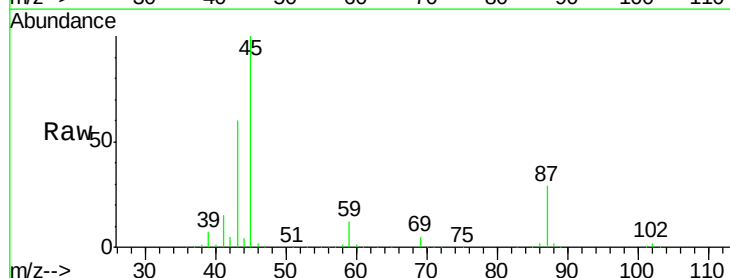
Ion Ratio Lower Upper

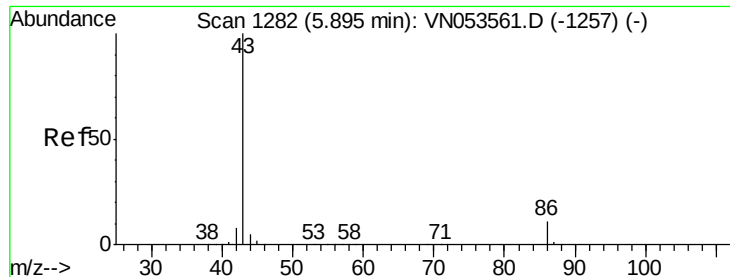
45 100

43 59.2 44.2 66.4

87 28.8 22.7 34.1

59 12.0 9.4 14.2





#23

Vinyl Acetate

Concen: 265.168 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

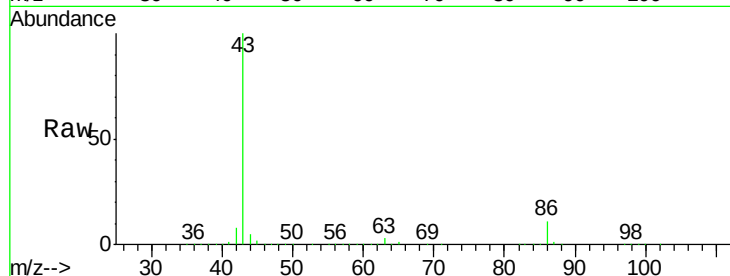
VSTDCCC050EC

Tot Ion: 43 Resp: 3803280

Ion Ratio Lower Upper

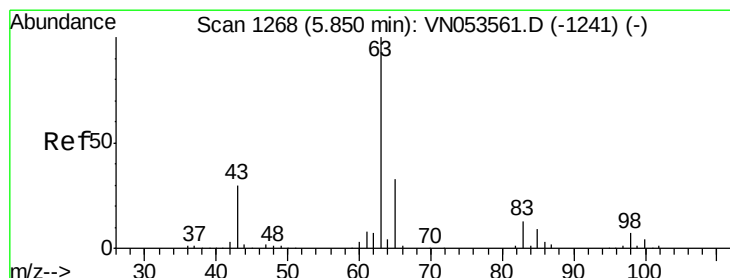
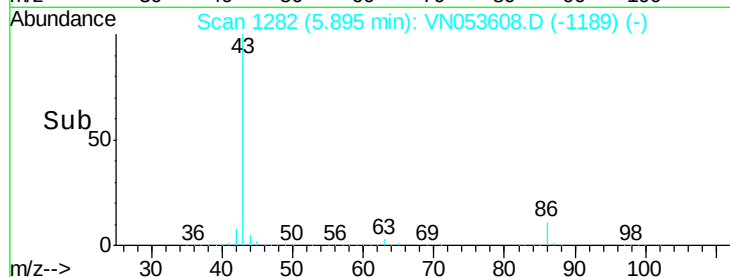
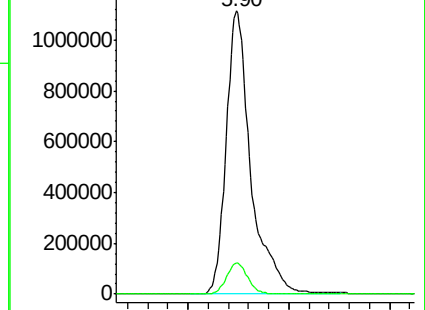
43 100

86 11.0 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN053608.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN053608.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 48.936 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

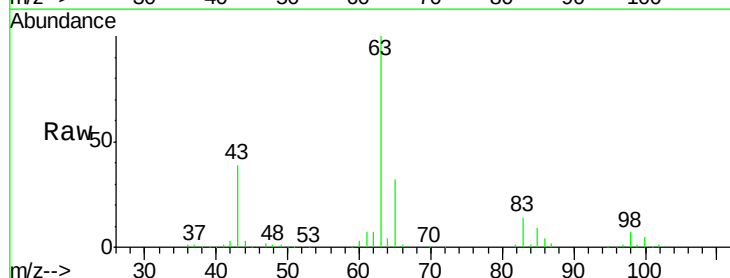
Tgt Ion: 63 Resp: 676731

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

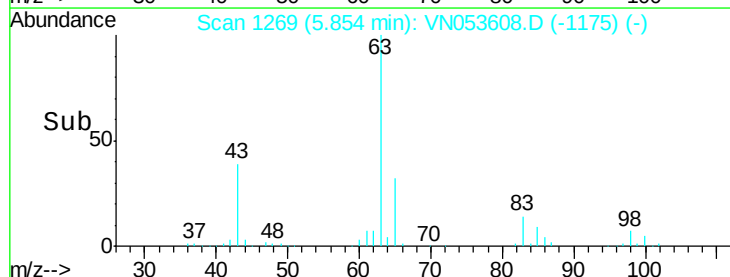
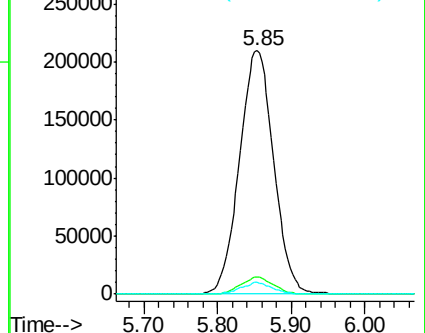
100 4.8 2.1 6.5

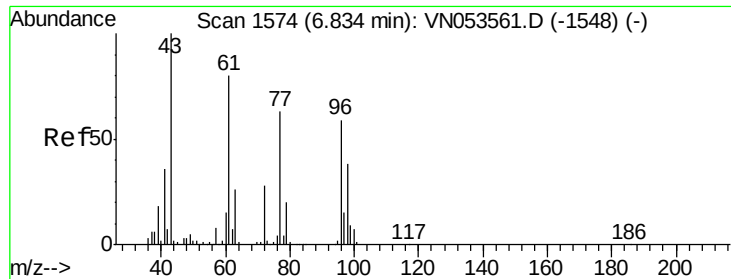


Abundance Ion 62.90 (62.60 to 63.60): VN053608.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN053608.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN053608.D (-1175) (-)





#25

2-Butanone

Concen: 248.166 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

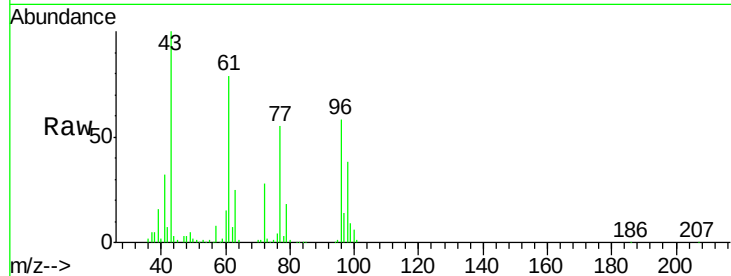
VSTDCCC050EC

Tot Ion: 43 Resp: 691180

Ion Ratio Lower Upper

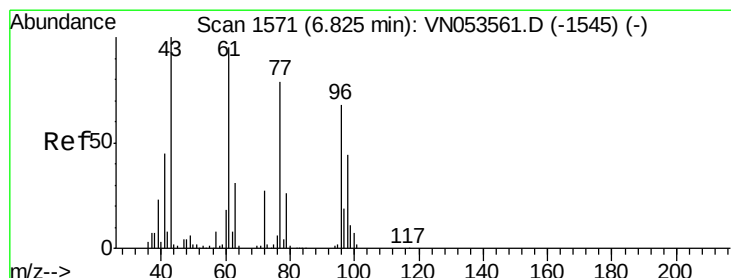
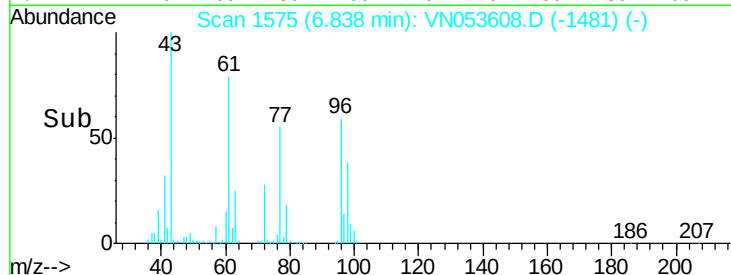
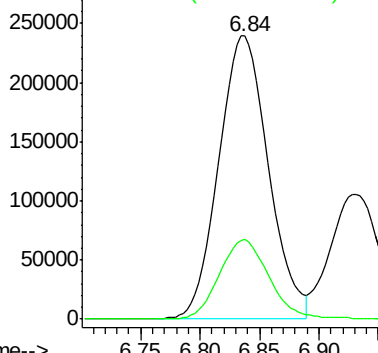
43 100

72 28.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 44.382 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053608.D

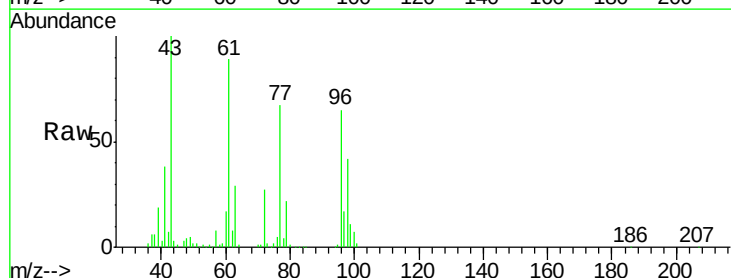
Acq: 4 Feb 2019 20:24

Tgt Ion: 77 Resp: 468514

Ion Ratio Lower Upper

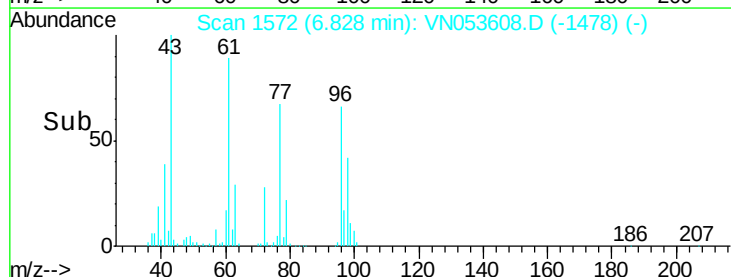
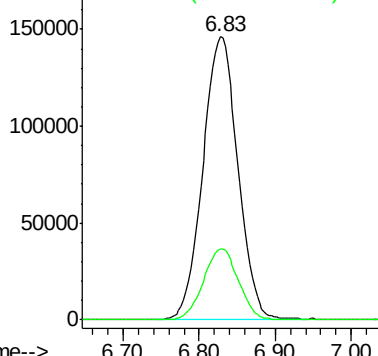
77 100

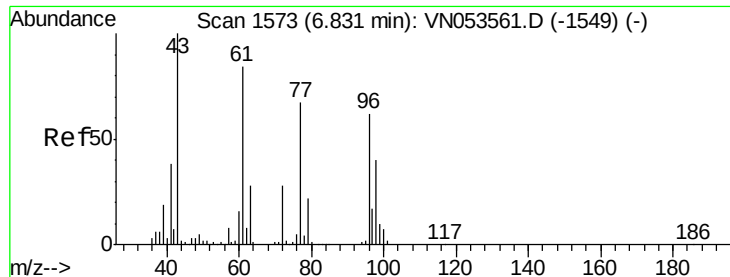
97 24.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 50.786 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

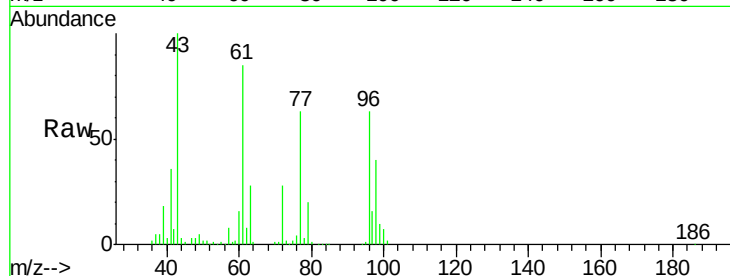
Tot Ion: 96 Resp: 428161

Ion Ratio Lower Upper

96 100

61 136.0 0.0 283.8

98 63.7 0.0 129.2

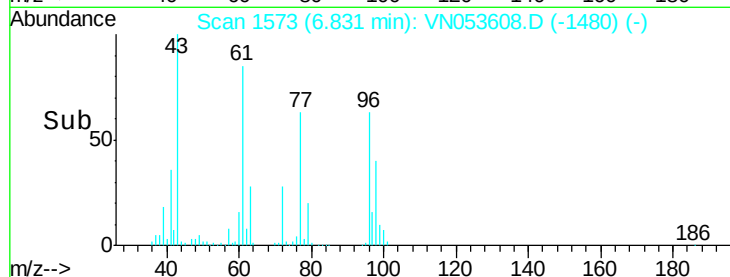


Abundance Ion 95.90 (95.60 to 96.60): VN053561.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN053561.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN053561.D (-1549) (-)

Time-->

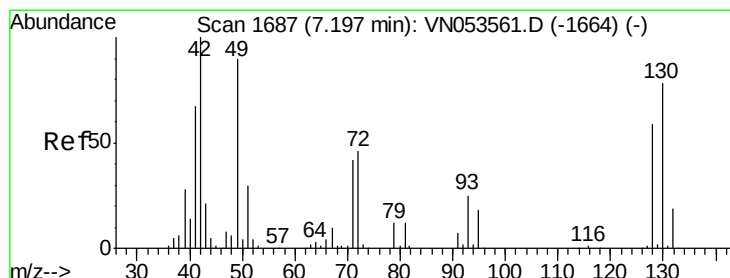


Abundance Ion 95.90 (95.60 to 96.60): VN053608.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN053608.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN053608.D (-1480) (-)

Time-->



#28

Bromochloromethane

Concen: 50.475 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

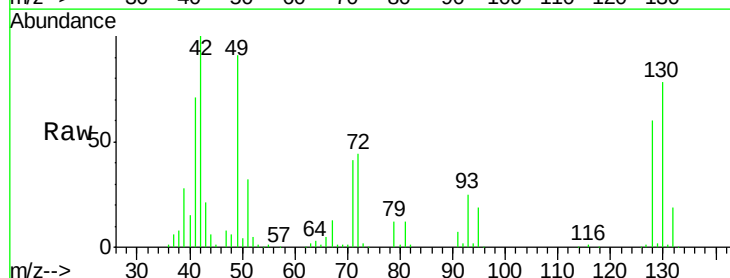
Tgt Ion: 49 Resp: 302907

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 85.4 66.3 99.5

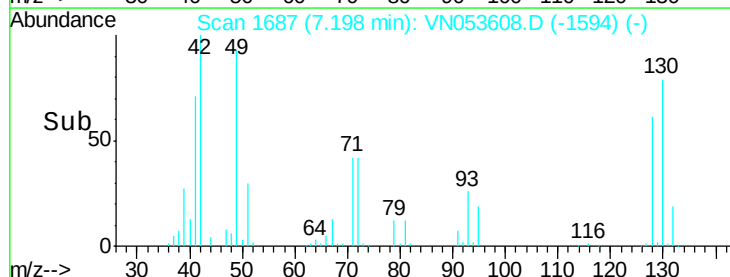


Abundance Ion 48.90 (48.60 to 49.60): VN053561.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053561.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053561.D (-1664) (-)

Time-->

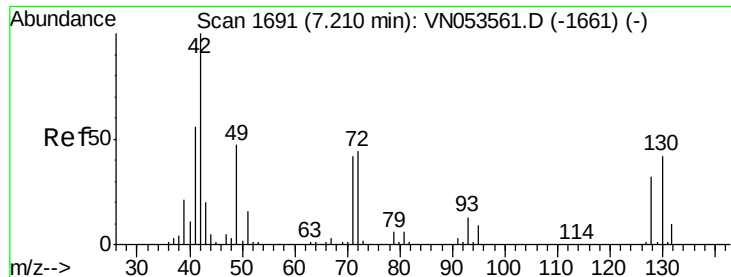


Abundance Ion 48.90 (48.60 to 49.60): VN053608.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN053608.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN053608.D (-1594) (-)

Time-->



#29

Tetrahydrofuran

Concen: 266.329 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

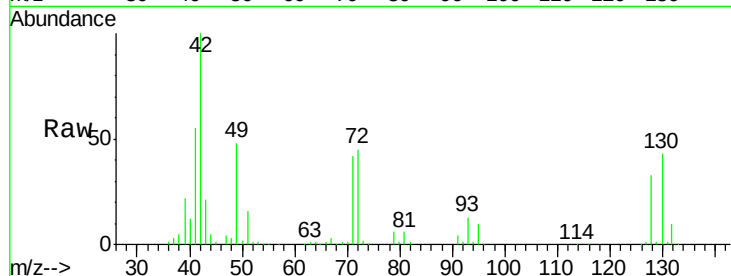
Tot Ion: 42 Resp: 476311

Ion Ratio Lower Upper

42 100

72 44.8 35.2 52.8

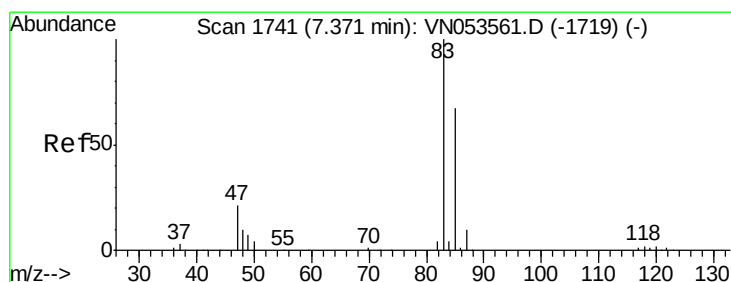
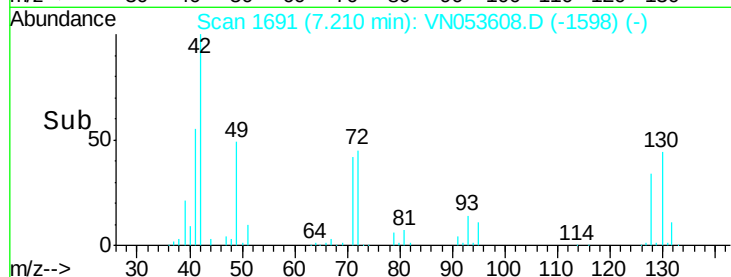
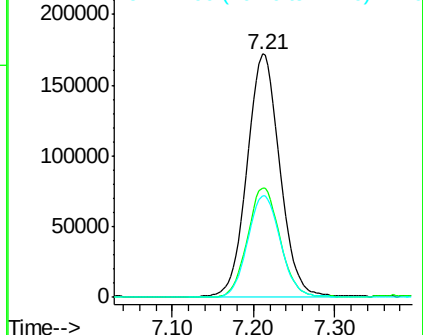
71 42.0 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VN053608.D (-1598) (-)

Ion 72.00 (71.70 to 72.70): VN053608.D (-1598) (-)

Ion 71.00 (70.70 to 71.70): VN053608.D (-1598) (-)



#30

Chloroform

Concen: 48.643 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN053608.D

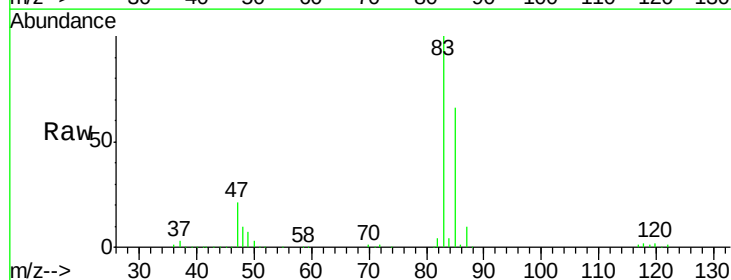
Acq: 4 Feb 2019 20:24

Tgt Ion: 83 Resp: 666816

Ion Ratio Lower Upper

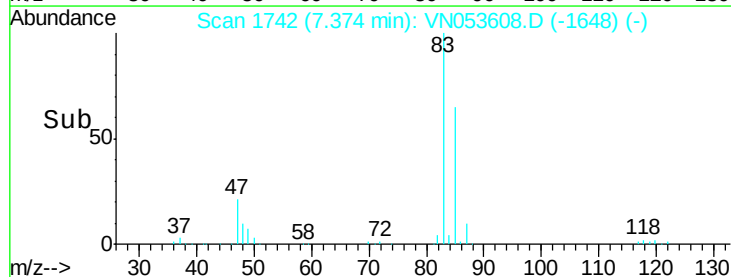
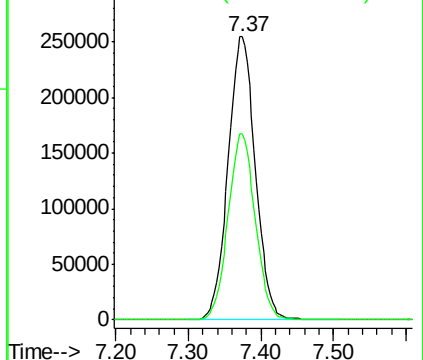
83 100

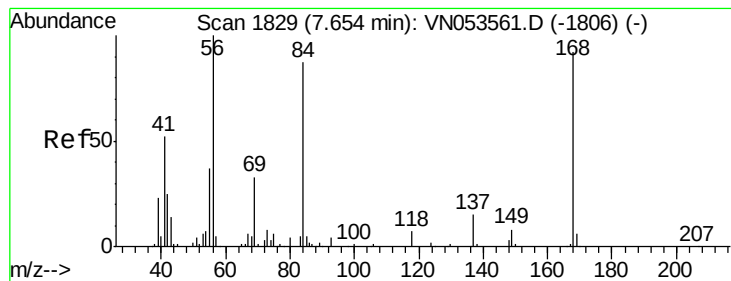
85 65.6 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN053608.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN053608.D (-1648) (-)





#31

Cyclohexane

Concen: 47.625 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

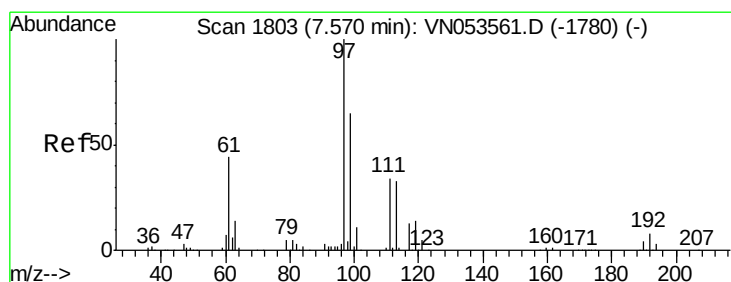
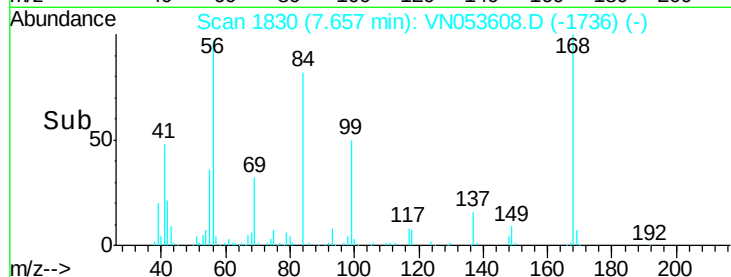
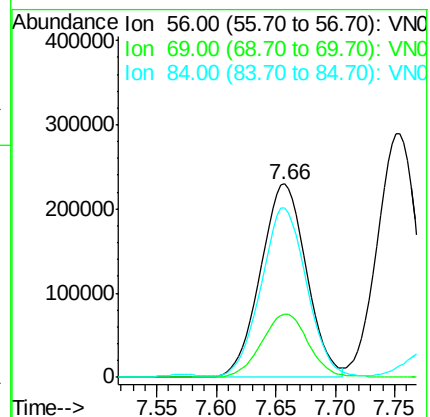
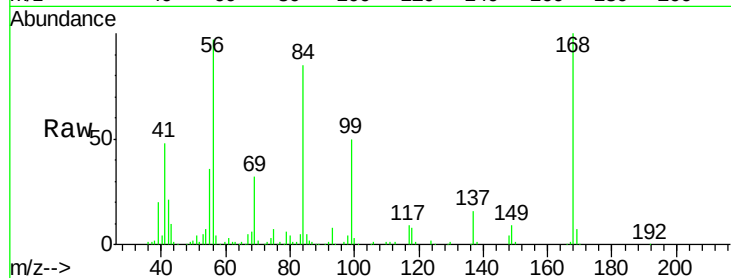
Tot Ion: 56 Resp: 613285

Ion Ratio Lower Upper

56 100

69 32.7 26.4 39.6

84 86.1 67.9 101.9



#32

1,1,1-Trichloroethane

Concen: 49.662 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

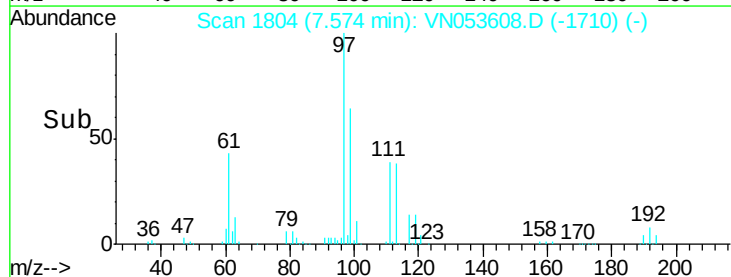
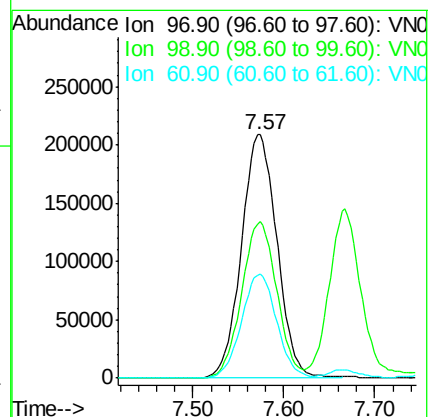
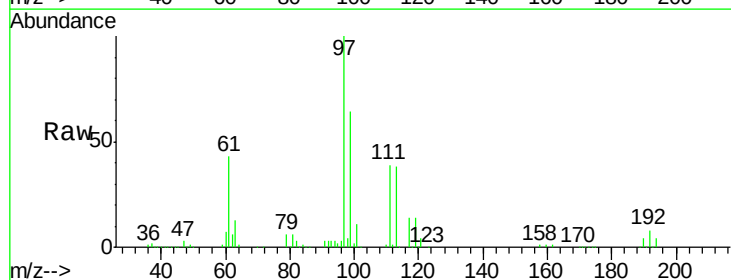
Tgt Ion: 97 Resp: 566561

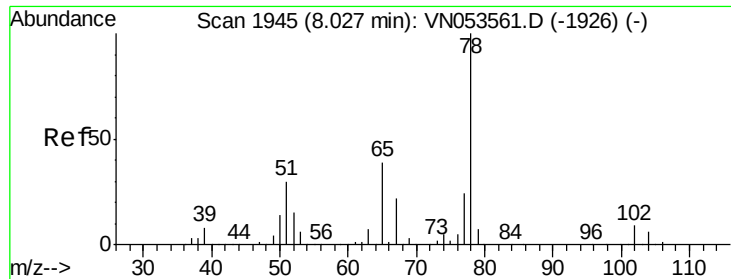
Ion Ratio Lower Upper

97 100

99 63.4 52.0 78.0

61 42.3 34.4 51.6

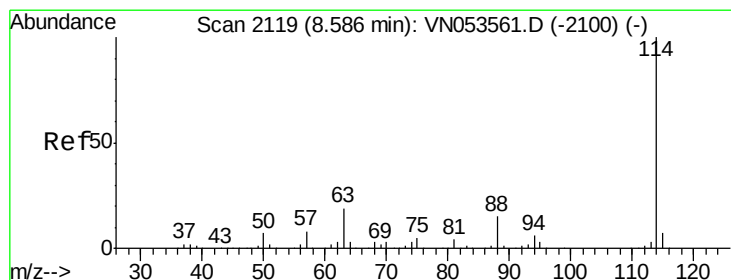
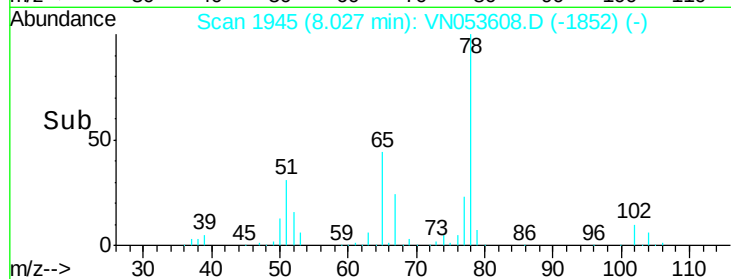
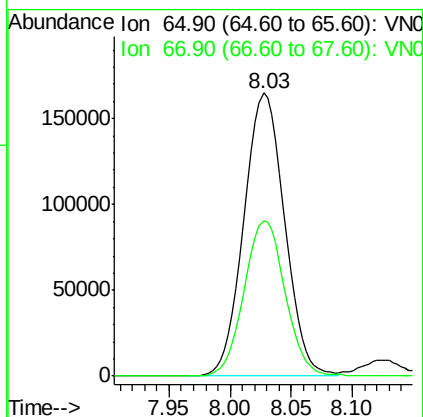
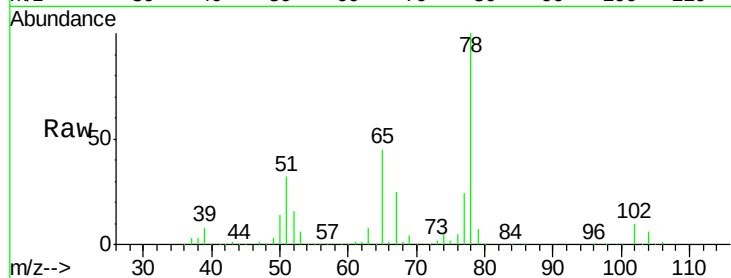




#33
 1,2-Dichloroethane-d4
 Concen: 49.662 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

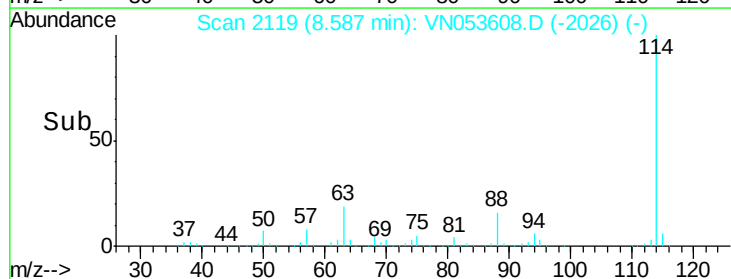
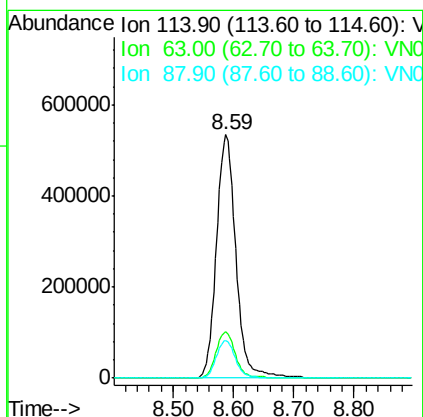
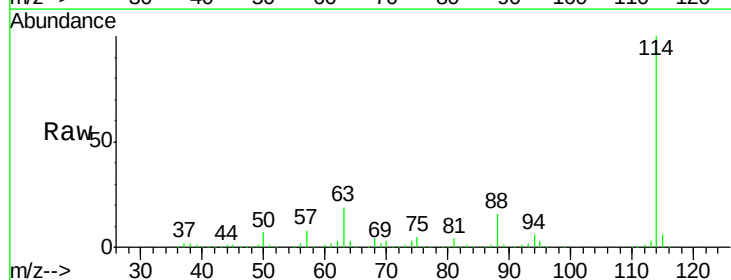
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

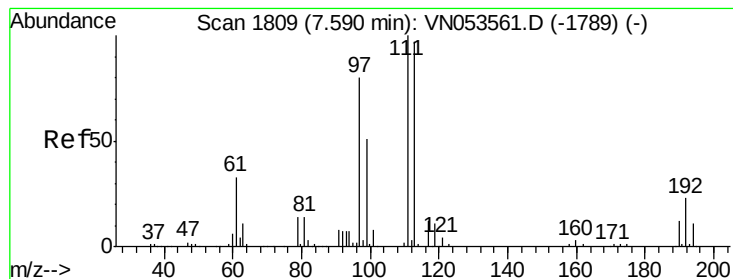
Tot Ion: 65 Resp: 381429
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion: 114 Resp: 1180161
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

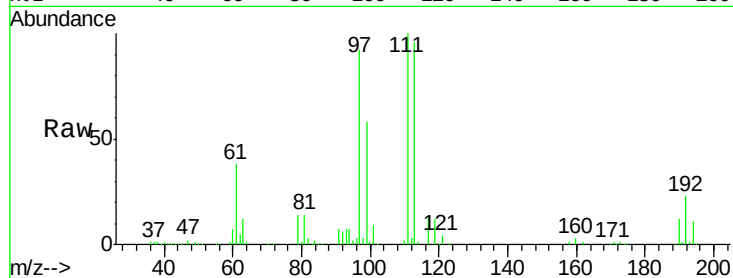
Tot Ion:113 Resp: 363571

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

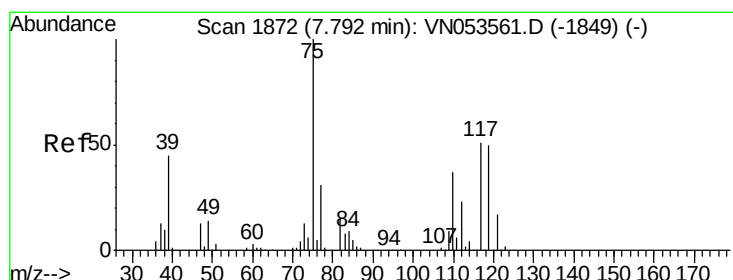
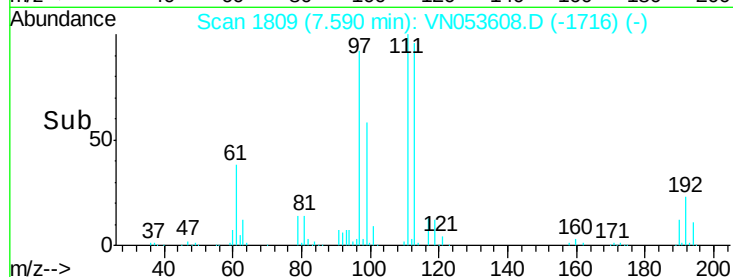
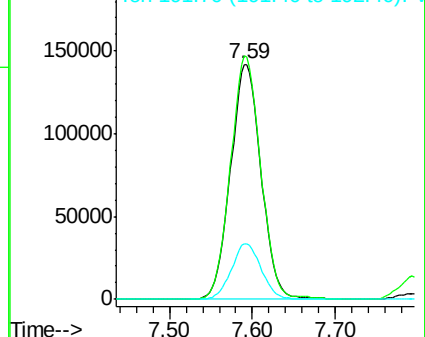
192 23.2 18.2 27.2



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: 48.303 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

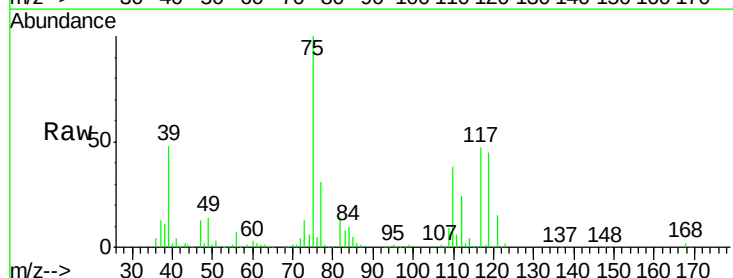
Tgt Ion: 75 Resp: 513867

Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.3

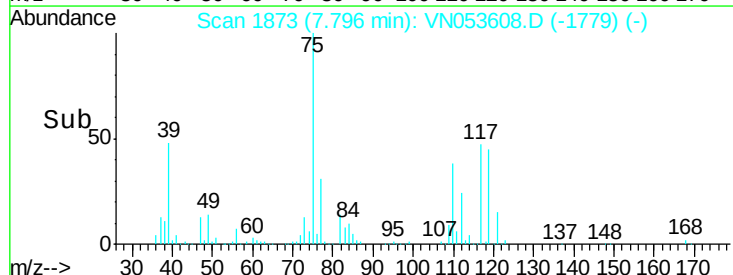
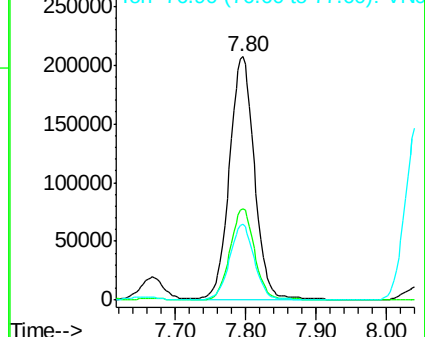
77 31.2 25.1 37.7

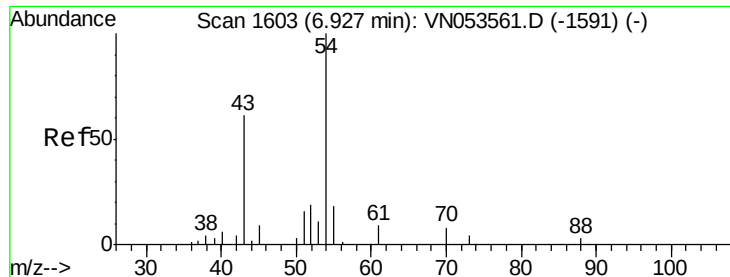


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

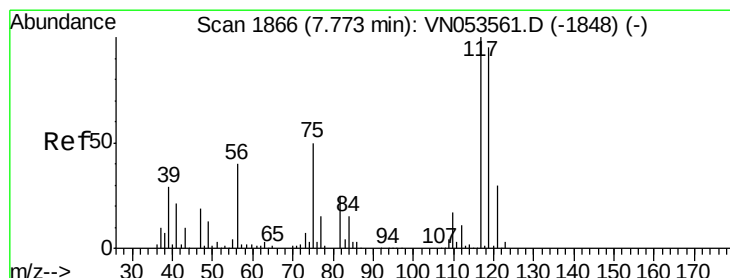
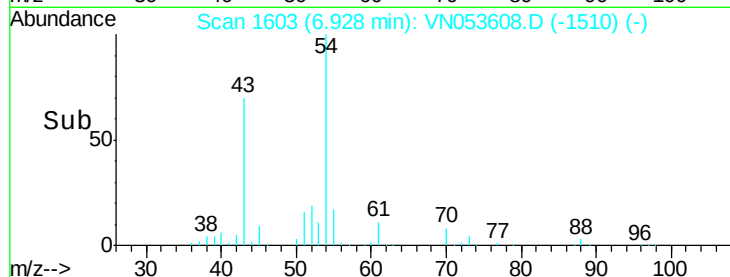
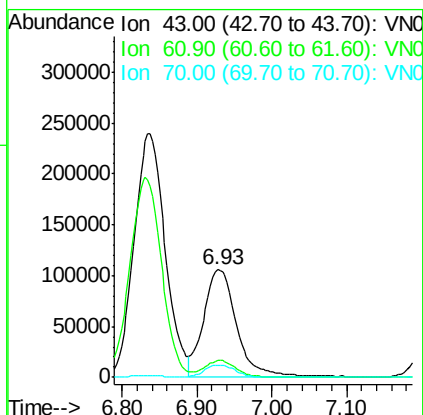
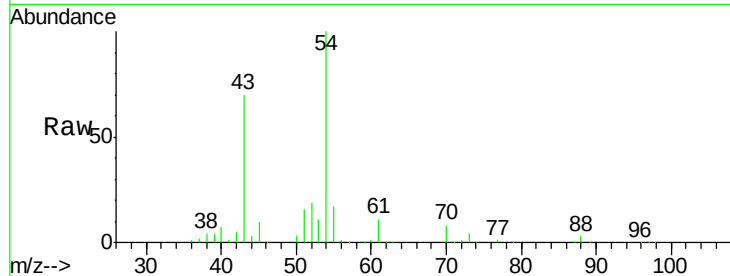




#37
Ethyl Acetate
Concen: 53.781 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

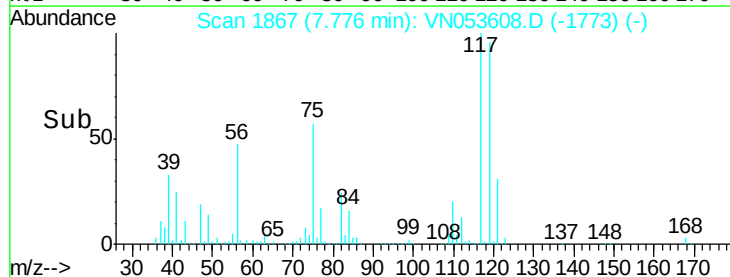
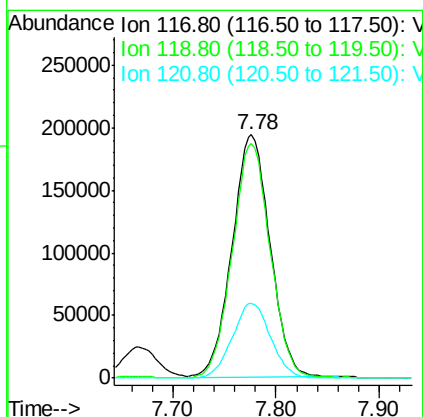
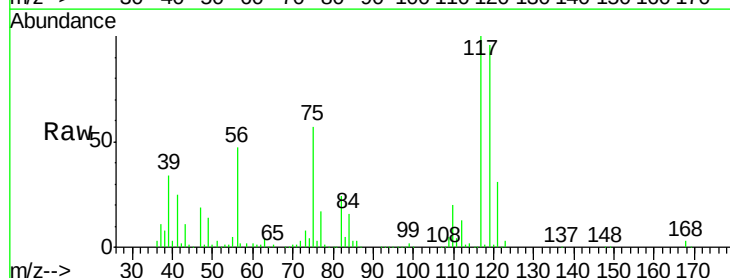
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

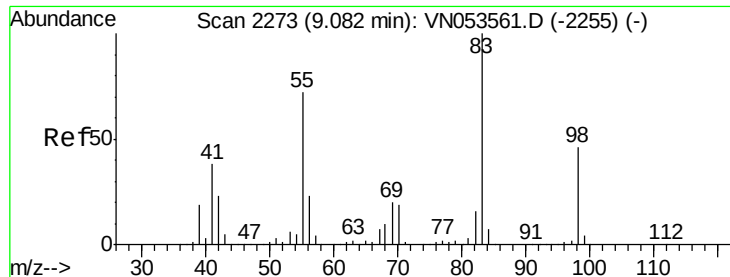
Tot Ion: 43 Resp: 319545
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.6
70 10.8 8.6 12.8



#38
Carbon Tetrachloride
Concen: 46.294 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Tgt Ion: 117 Resp: 496139
Ion Ratio Lower Upper
117 100
119 96.7 77.2 115.8
121 31.0 24.6 37.0

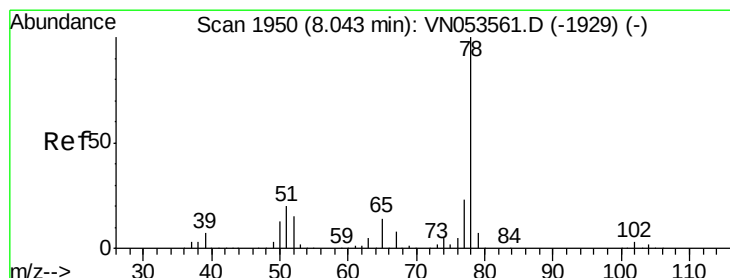
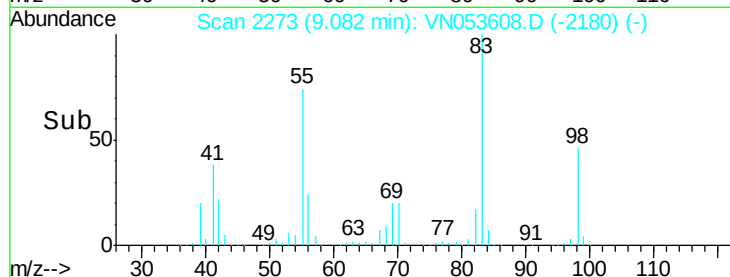
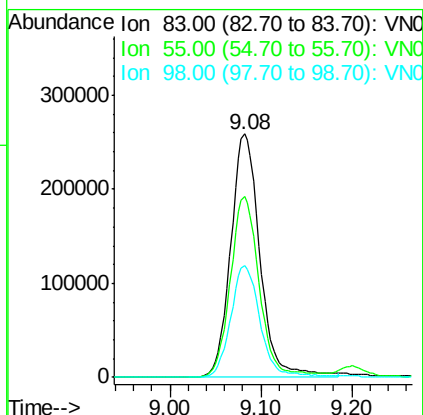
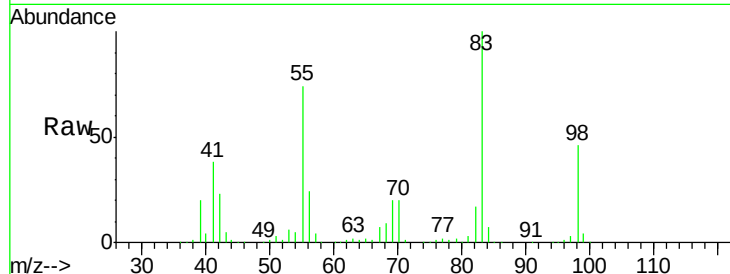




#39
Methylvlcyclohexane
Concen: 45.918 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

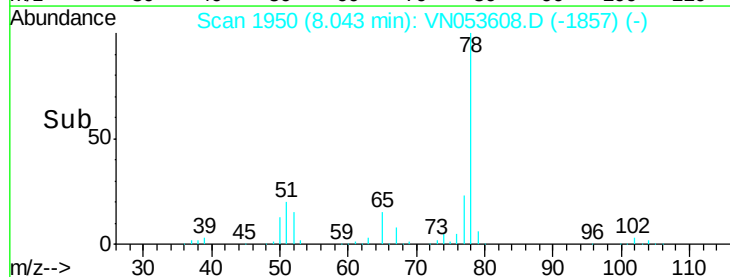
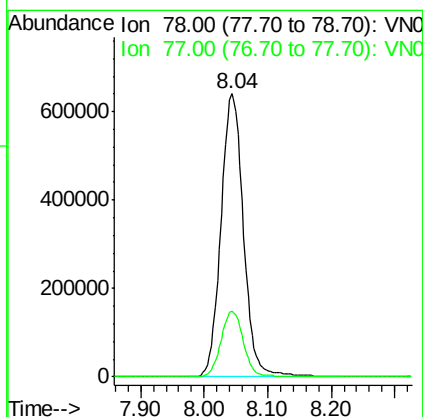
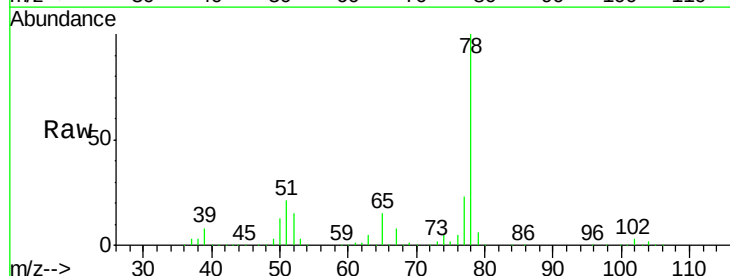
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

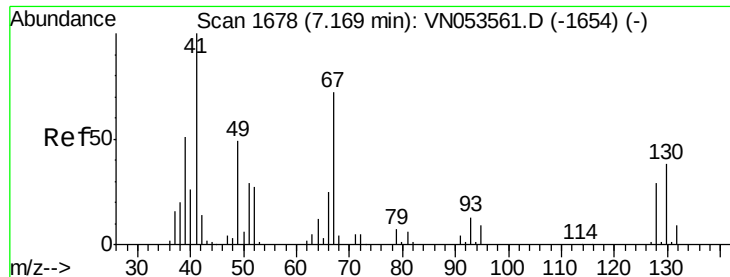
Tot Ion: 83 Resp: 579553
Ion Ratio Lower Upper
83 100
55 74.1 60.1 90.1
98 45.7 36.6 55.0



#40
Benzene
Concen: 47.965 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Tgt Ion: 78 Resp: 1573549
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

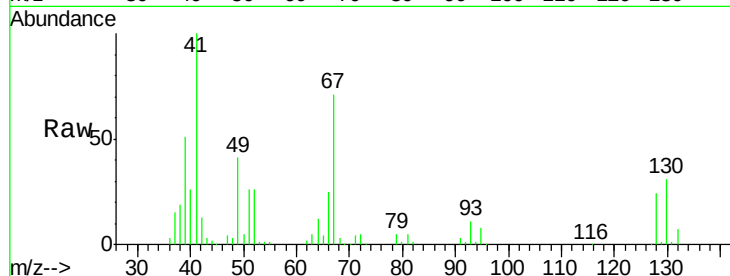




#41
Methacrylonitrile
Concen: 49.889 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	165669
Ion	Ratio	Lower	Upper
41	100		
39	62.9	46.8	70.2
67	91.2	63.0	94.6
52	34.2	23.8	35.8



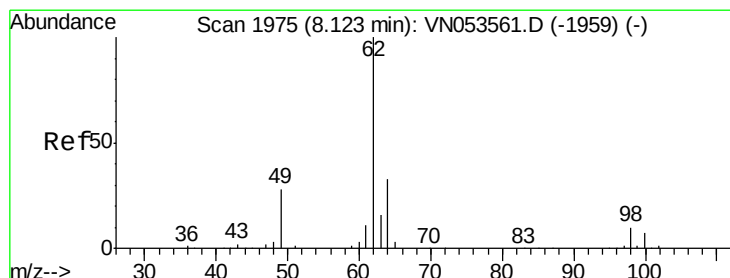
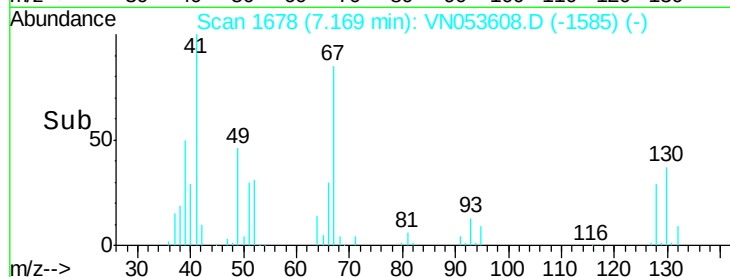
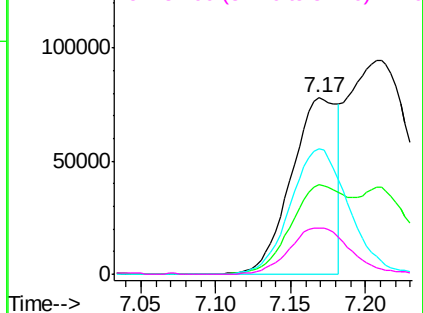
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

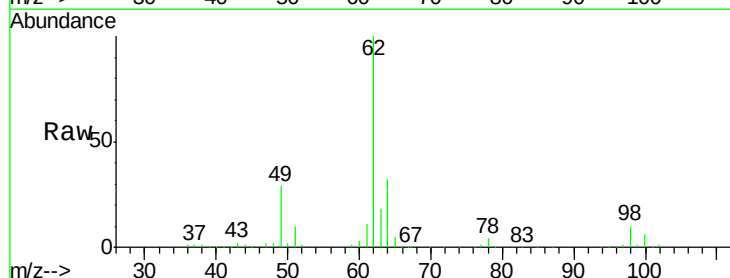
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 47.870 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

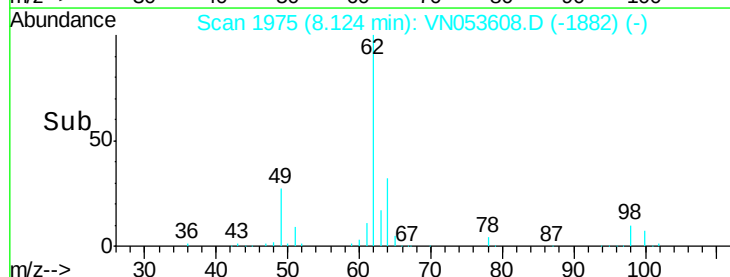
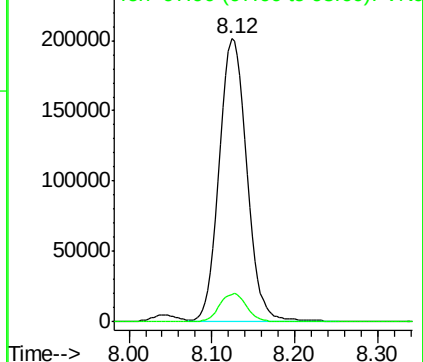
Tgt Ion:	62	Resp:	466297
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6

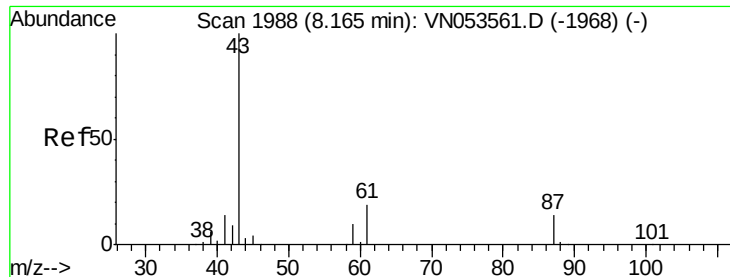


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 49.598 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

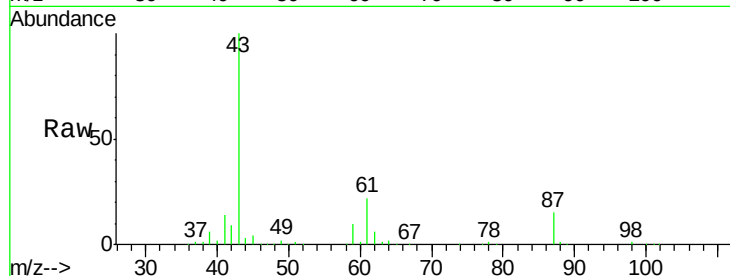
Tot Ion: 43 Resp: 569113

Ion Ratio Lower Upper

43 100

61 28.8 23.9 35.9

87 14.1 11.0 16.6

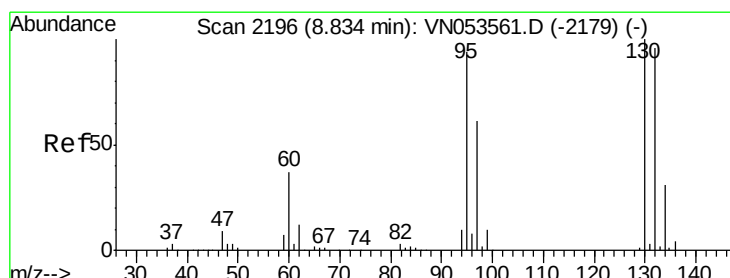
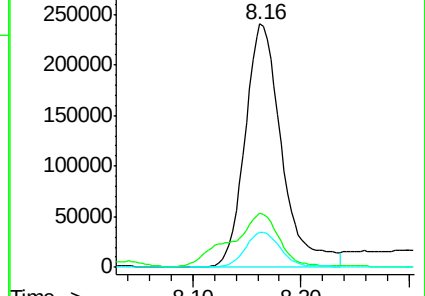
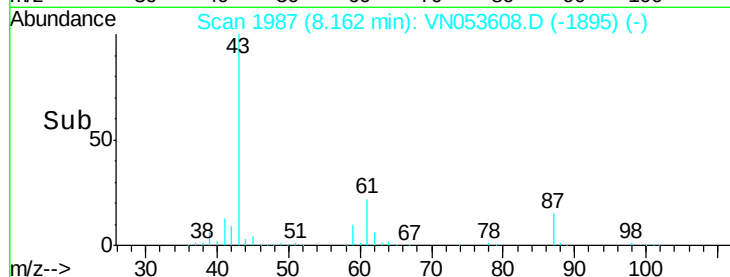


Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053561.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053561.D (-1968) (-)

Time-->



#44

Trichloroethene

Concen: 46.214 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053608.D

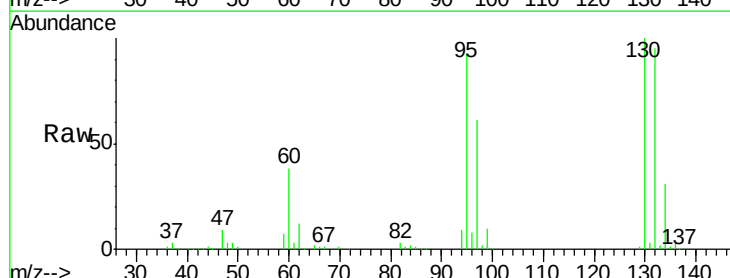
Acq: 4 Feb 2019 20:24

Tgt Ion:130 Resp: 431625

Ion Ratio Lower Upper

130 100

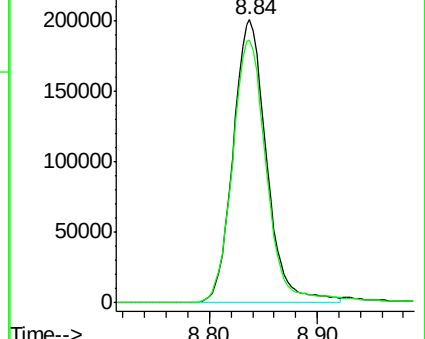
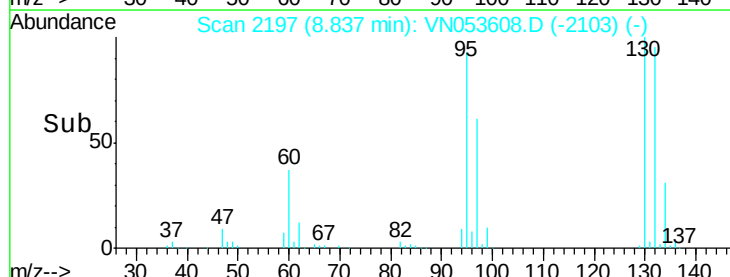
95 93.1 0.0 191.4

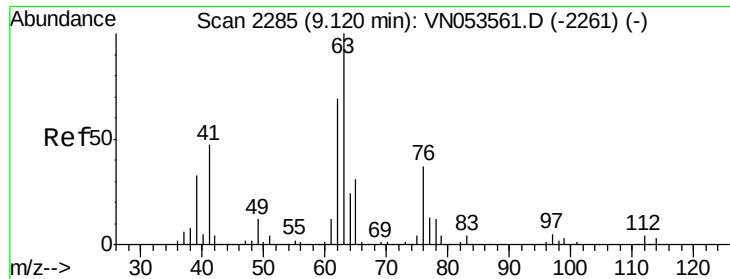


Abundance Ion 129.80 (129.50 to 130.50): VN053561.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053561.D (-2179) (-)

Time-->

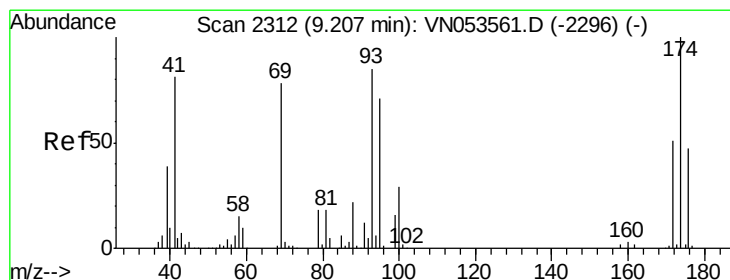
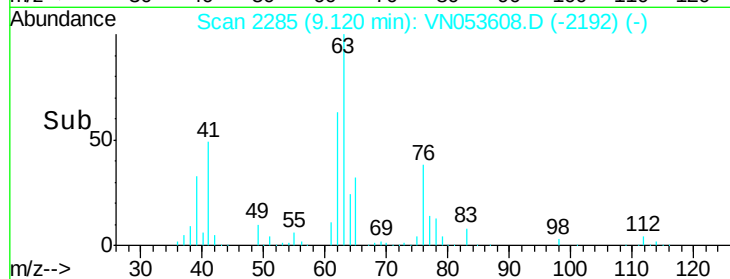
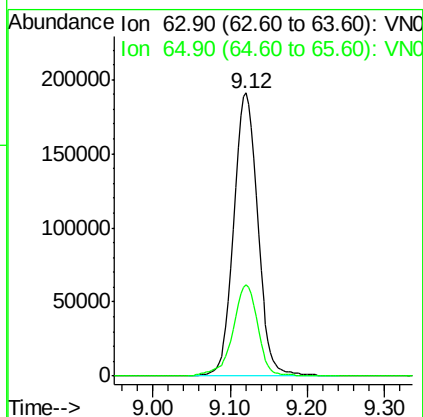
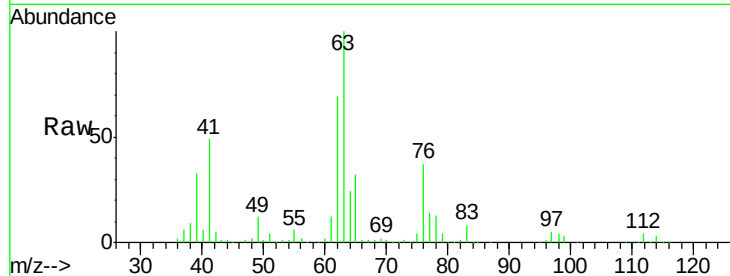




#45
 1,2-Dichloropropane
 Concen: 48.872 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

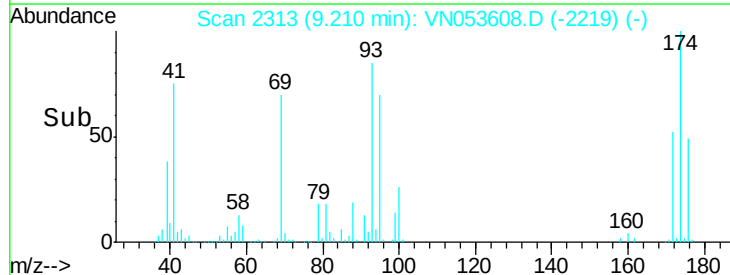
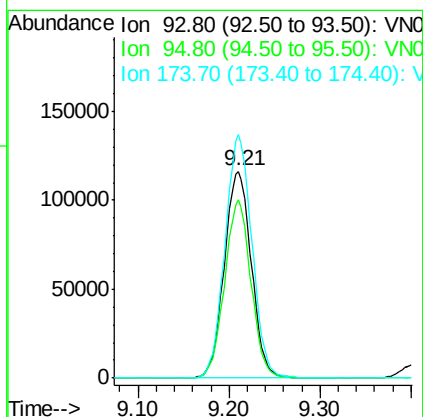
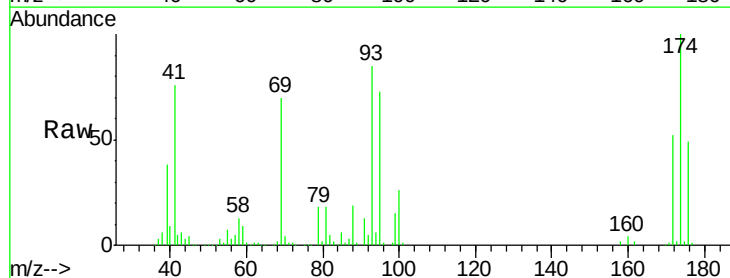
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

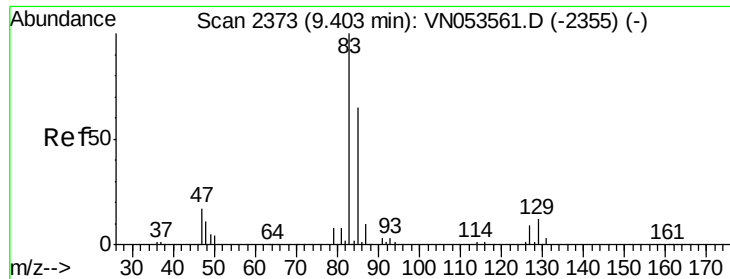
Tot Ion: 63 Resp: 410085
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.4



#46
 Dibromomethane
 Concen: 47.574 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion: 93 Resp: 240640
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.3 100.9
 174 117.1 91.0 136.4

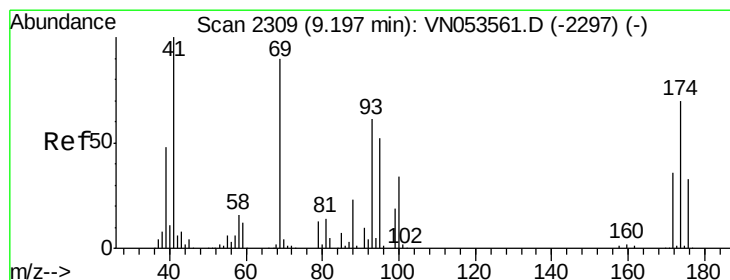
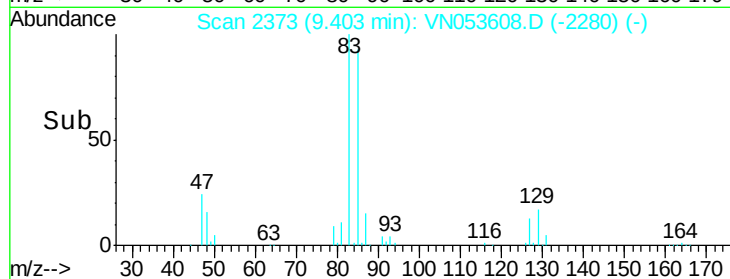
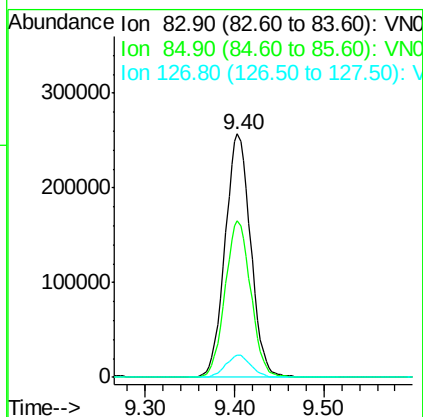
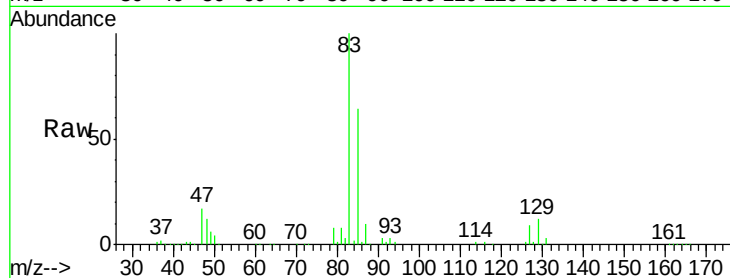




#47
Bromodichloromethane
Concen: 48.483 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

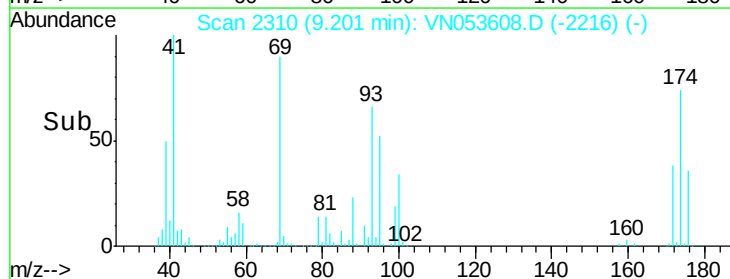
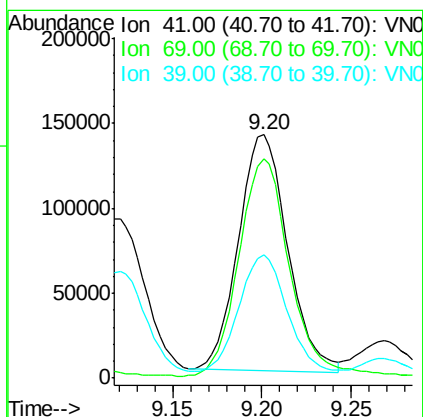
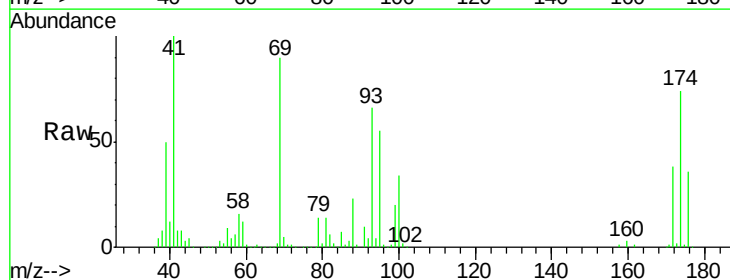
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

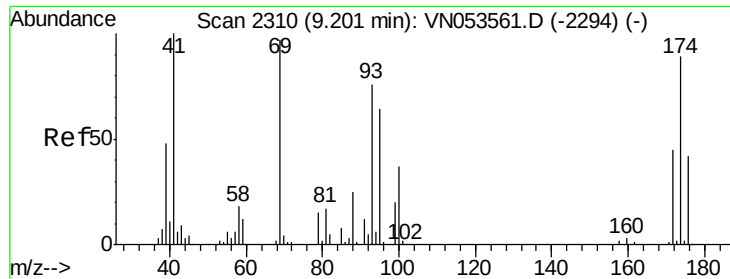
Tot Ion: 83 Resp: 509890
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.6
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 48.933 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Tgt Ion: 41 Resp: 268021
Ion Ratio Lower Upper
41 100
69 97.8 73.8 110.6
39 54.0 40.0 60.0





#49

1,4-Dioxane

Concen: 927.459 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

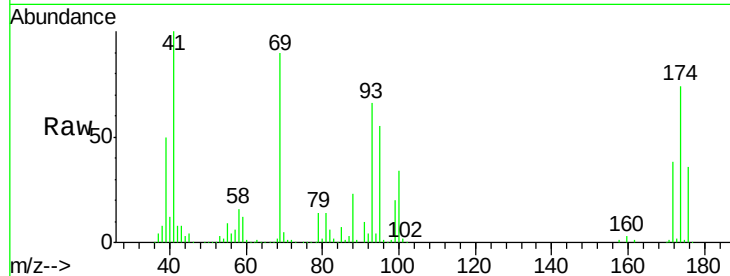
Tot Ion: 88 Resp: 73374

Ion Ratio Lower Upper

88 100

43 29.7 27.8 41.6

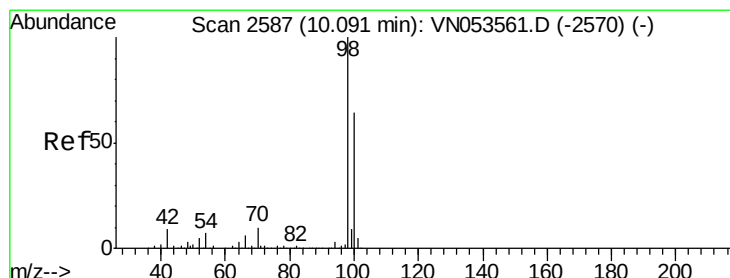
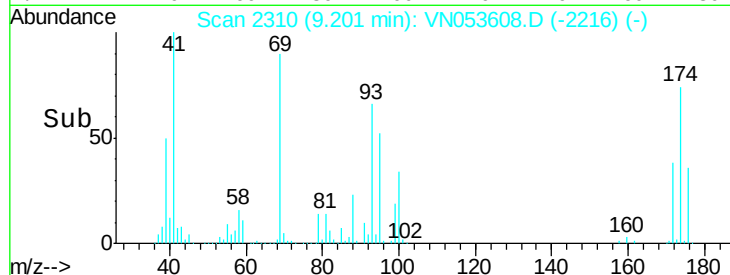
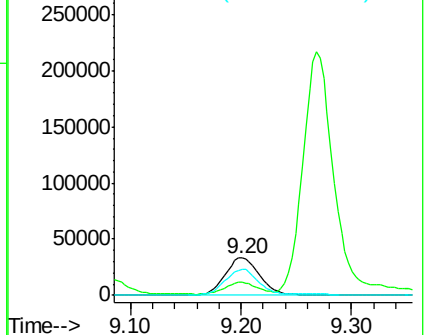
58 67.7 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VN053608.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN053608.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN053608.D (-2216) (-)



#50

Toluene-d8

Concen: 927.459 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053608.D

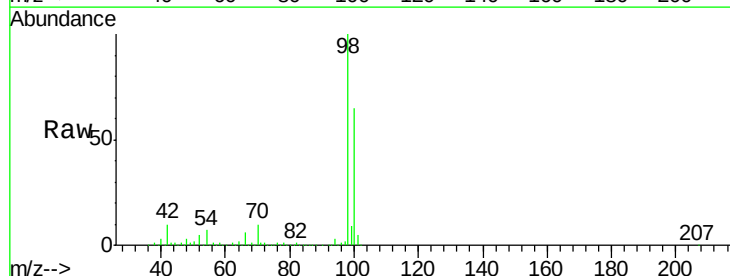
Acq: 4 Feb 2019 20:24

Tgt Ion: 98 Resp: 1343800

Ion Ratio Lower Upper

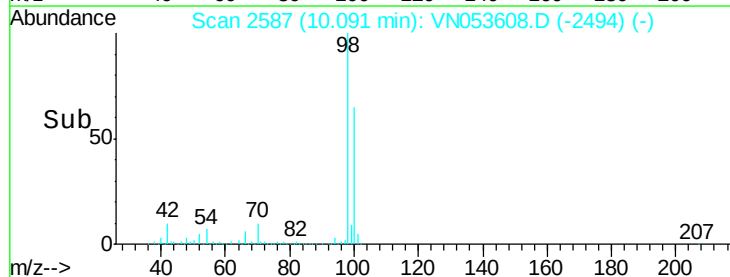
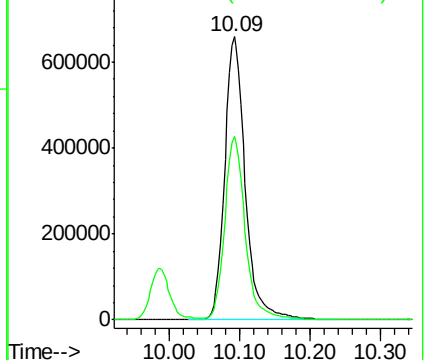
98 100

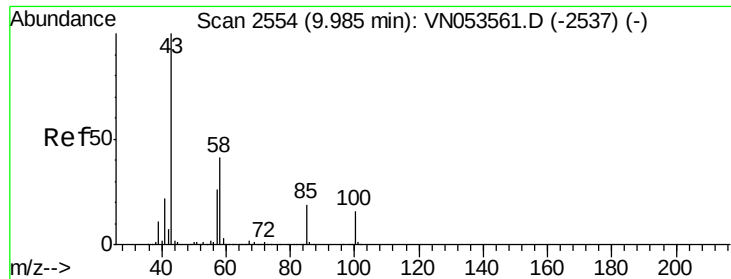
100 65.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053608.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053608.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 266.678 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

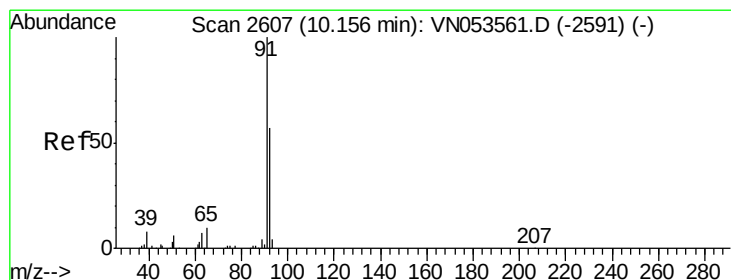
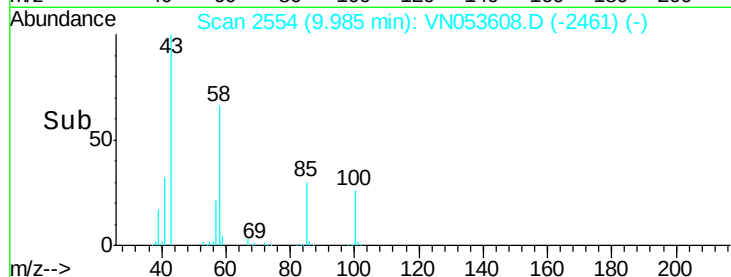
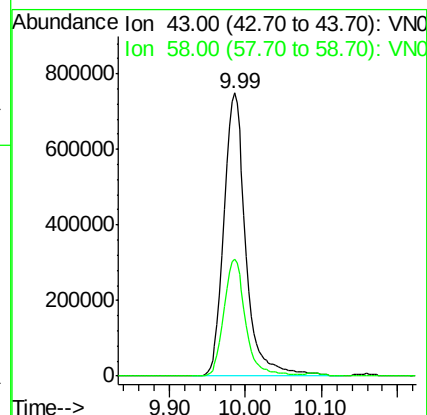
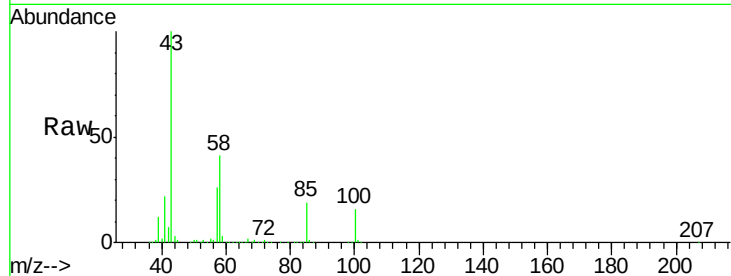
VSTDCCC050EC

Tot Ion: 43 Resp: 1503690

Ion Ratio Lower Upper

43 100

58 40.8 32.8 49.2



#52

Toluene

Concen: 48.690 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053608.D

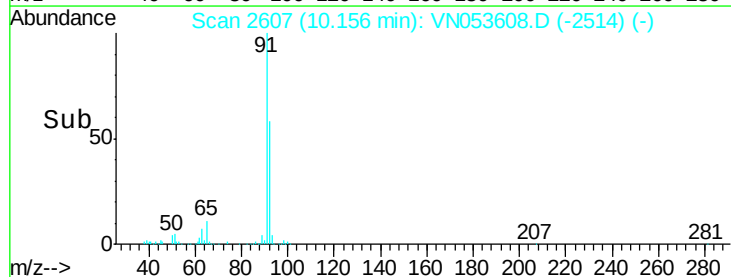
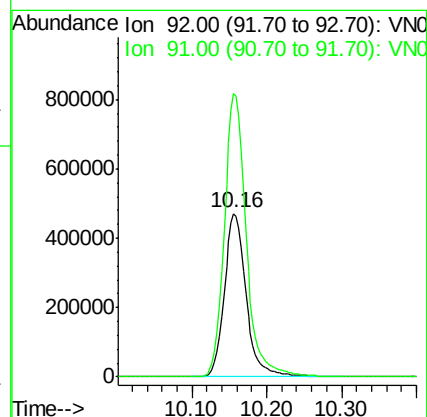
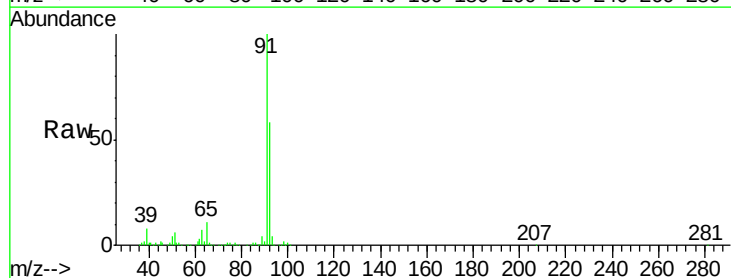
Acq: 4 Feb 2019 20:24

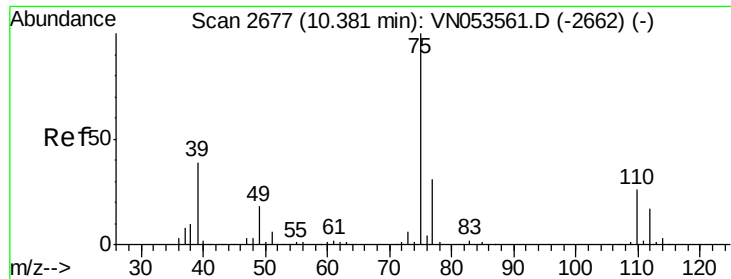
Tgt Ion: 92 Resp: 948011

Ion Ratio Lower Upper

92 100

91 174.4 139.9 209.9

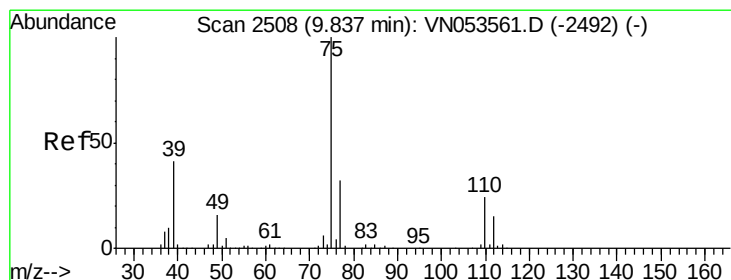
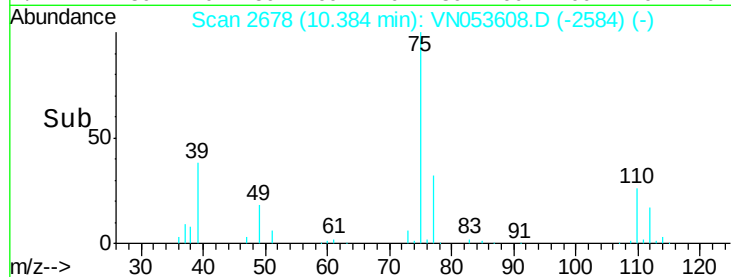
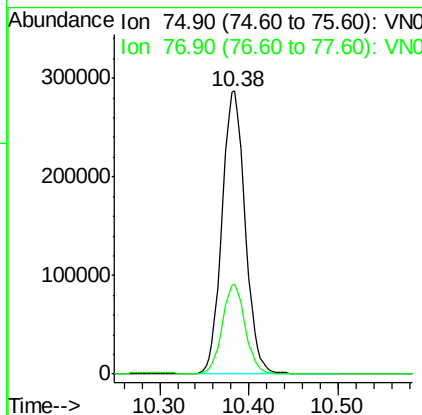
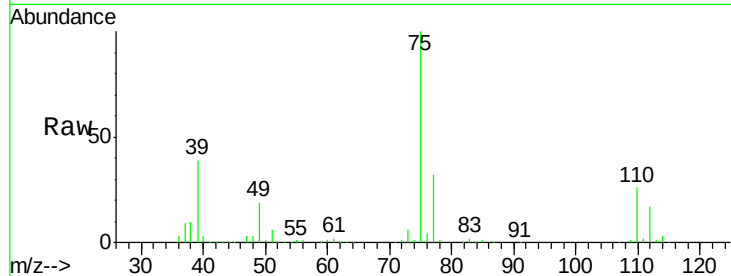




#53
 t-1,3-Dichloropropene
 Concen: 49.108 ug/l
 RT: 10.38 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

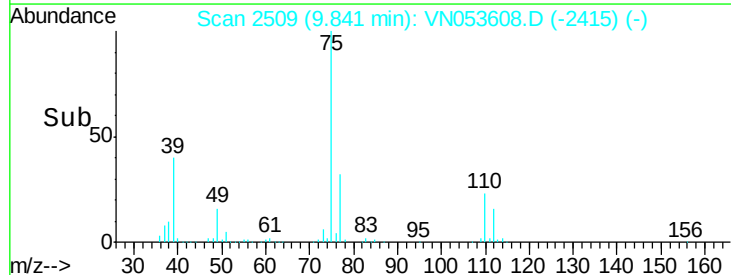
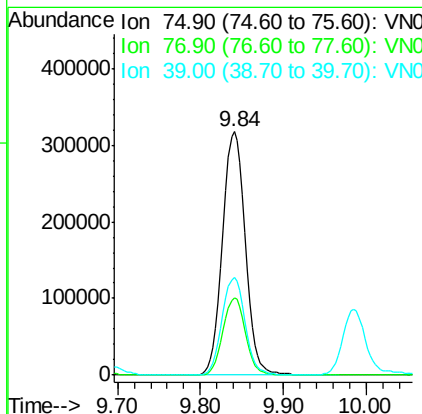
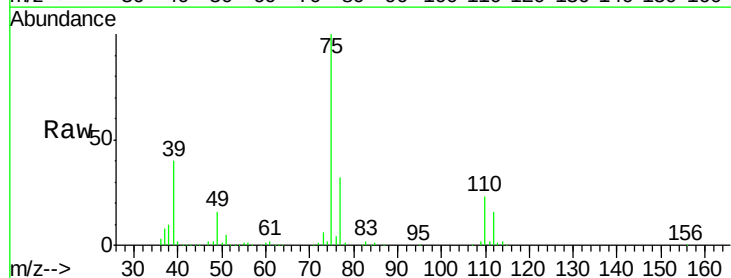
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

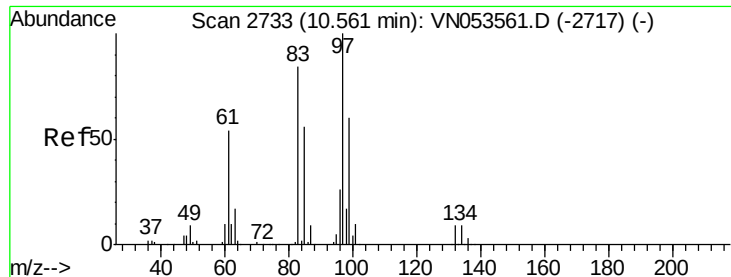
Tot Ion: 75 Resp: 517161
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 48.695 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion: 75 Resp: 607675
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.6
 39 40.1 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 49.975 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 350620

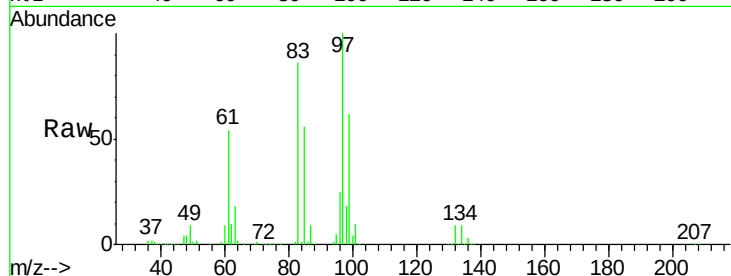
Ion Ratio Lower Upper

97 100

83 85.7 70.1 105.1

85 56.1 45.4 68.0

99 62.2 49.8 74.8

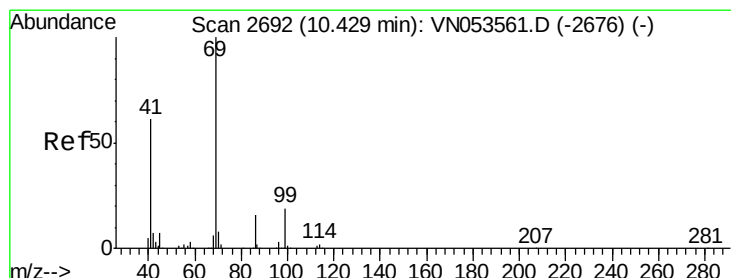
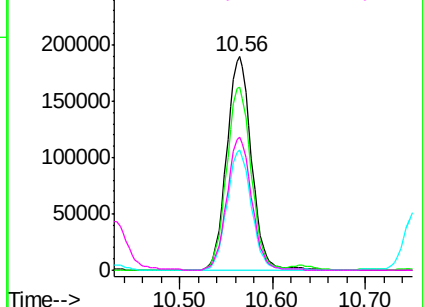
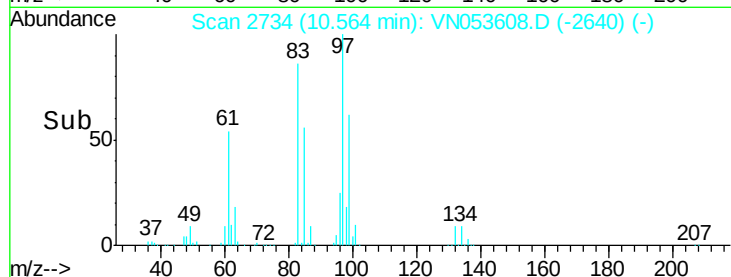


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.567 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

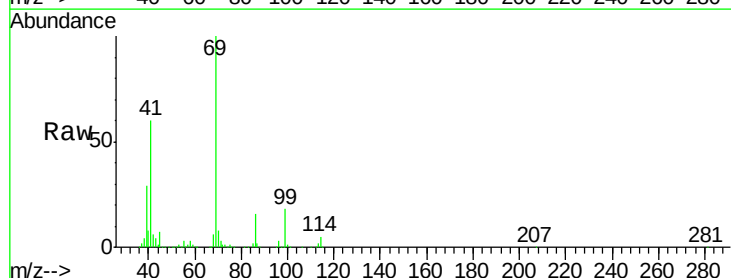
Tgt Ion: 69 Resp: 436298

Ion Ratio Lower Upper

69 100

41 60.8 49.4 74.0

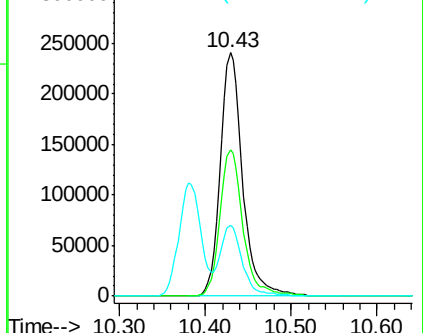
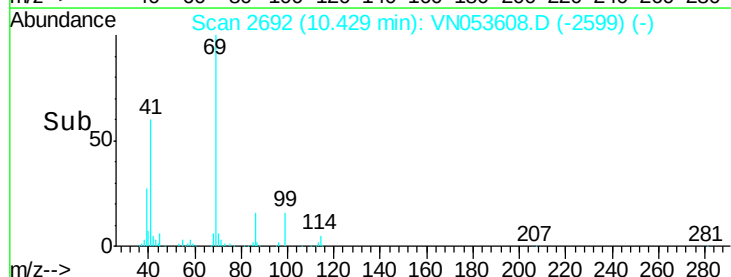
39 28.3 23.3 34.9

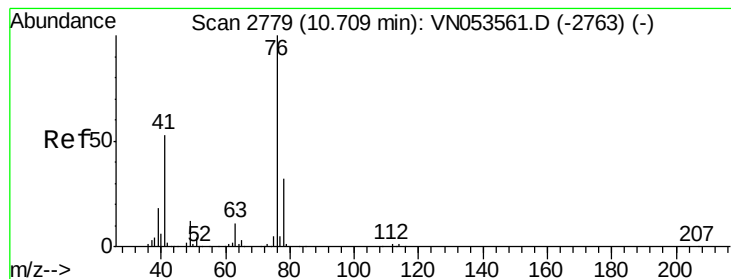


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.866 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

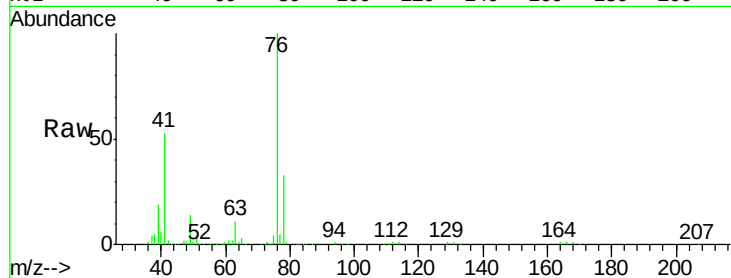
VSTDCCC050EC

Tot Ion: 76 Resp: 585940

Ion Ratio Lower Upper

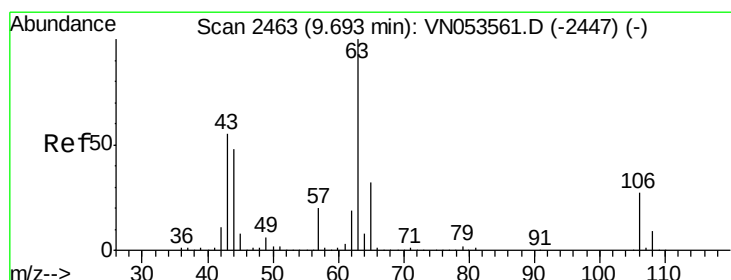
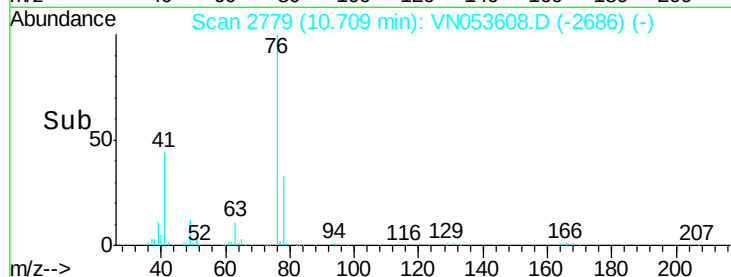
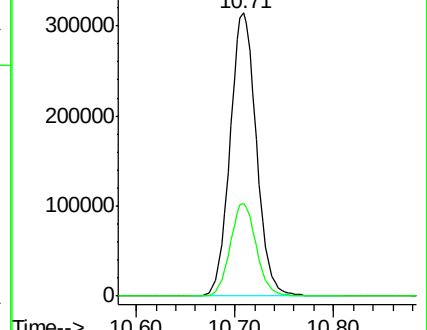
76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 234.839 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053608.D

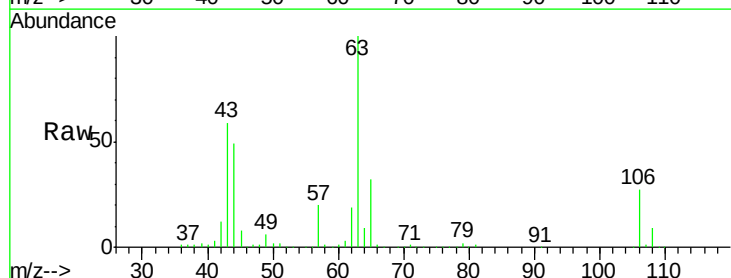
Acq: 4 Feb 2019 20:24

Tgt Ion: 63 Resp: 1206220

Ion Ratio Lower Upper

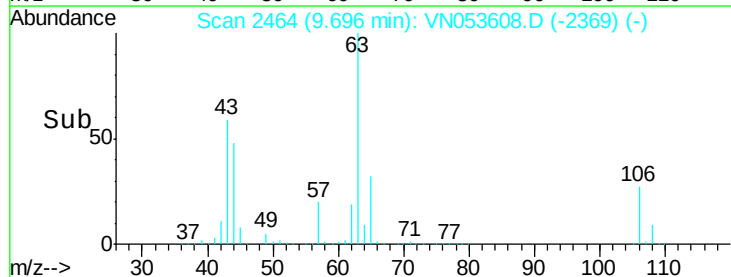
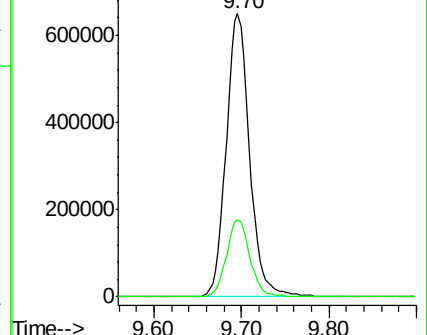
63 100

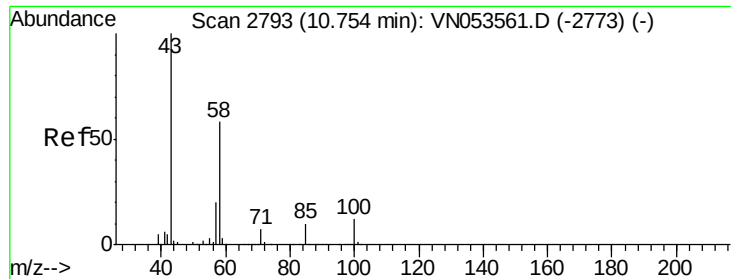
106 27.4 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

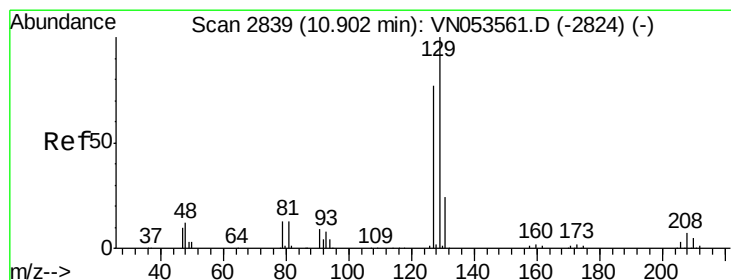
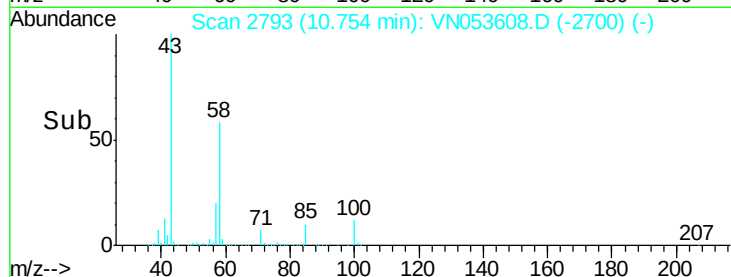
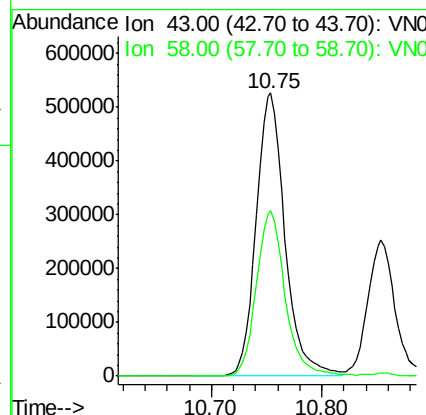
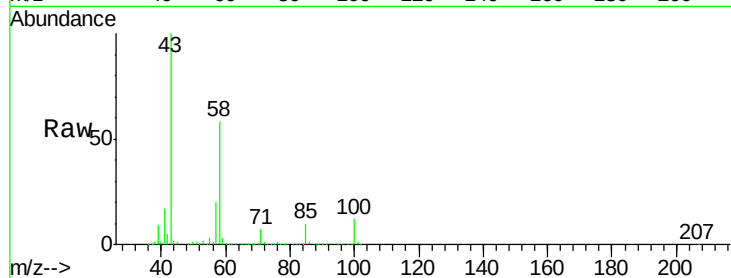




#59
2-Hexanone
Concen: 248.639 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

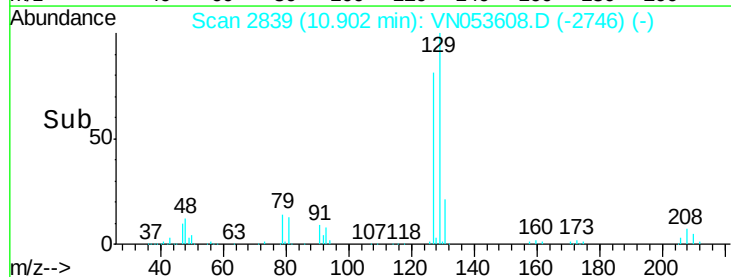
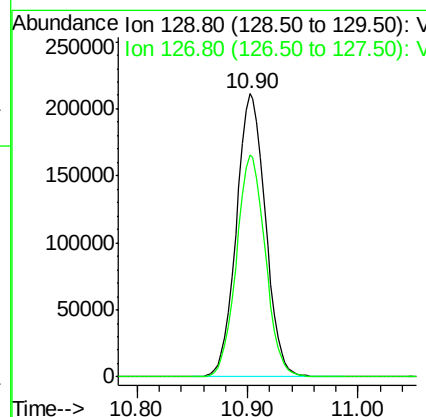
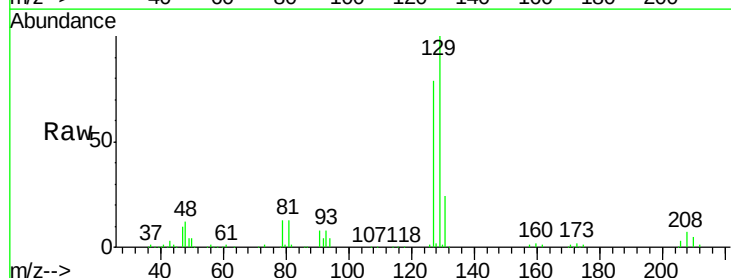
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

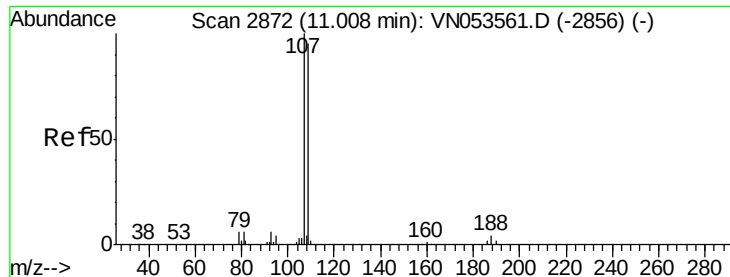
Tot Ion: 43 Resp: 951759
Ion Ratio Lower Upper
43 100
58 58.4 28.6 85.8



#60
Dibromochloromethane
Concen: 48.848 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Tgt Ion: 129 Resp: 386470
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 47.948 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

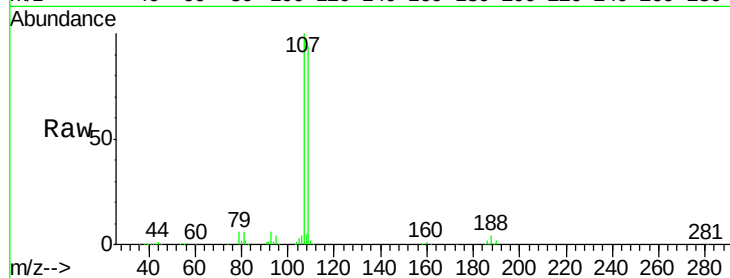
VSTDCCC050EC

Tot Ion:107 Resp: 332959

Ion Ratio Lower Upper

107 100

109 94.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

200000

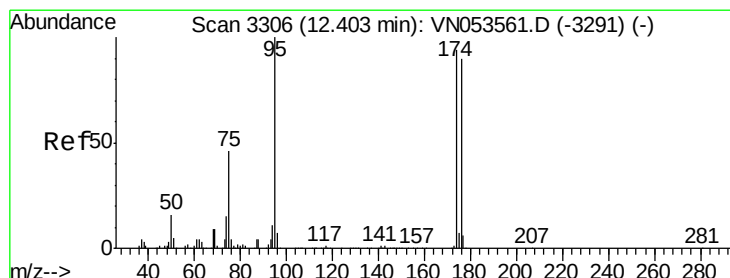
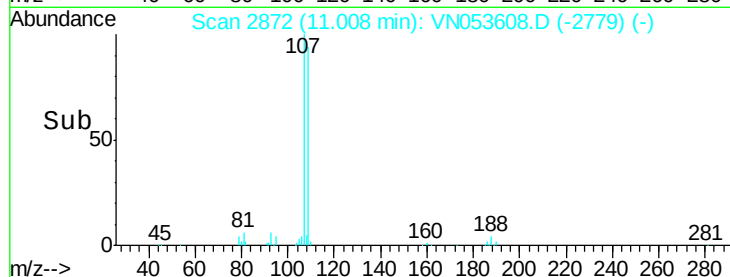
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.948 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

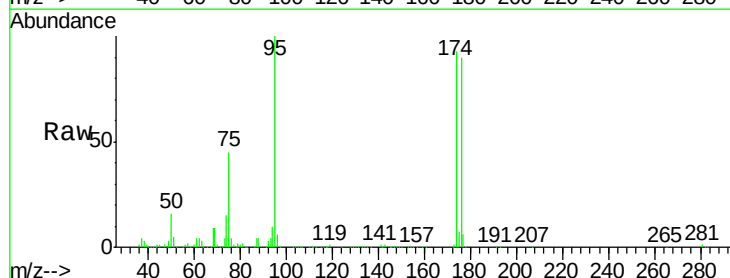
Tgt Ion: 95 Resp: 456809

Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.2

176 89.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

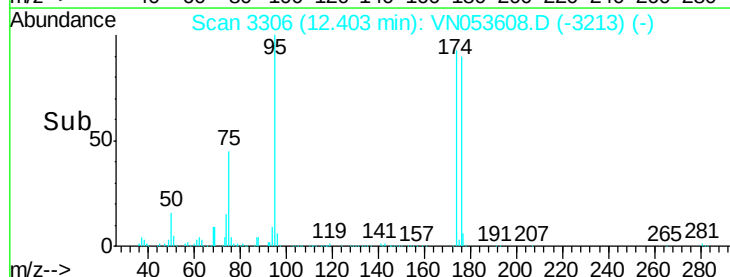
300000

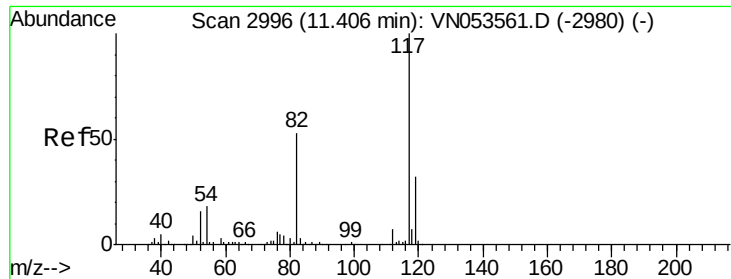
200000

100000

0

Time-->

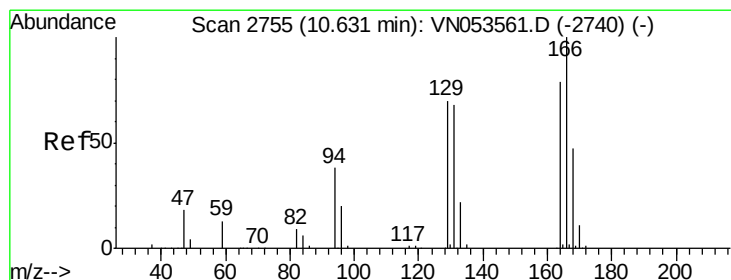
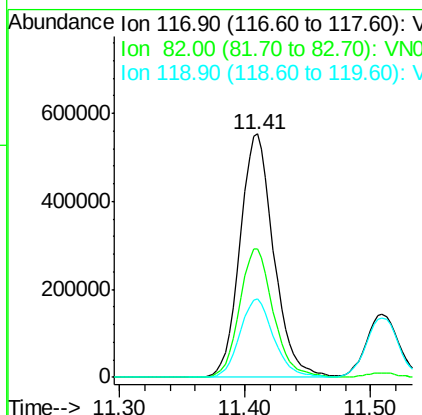
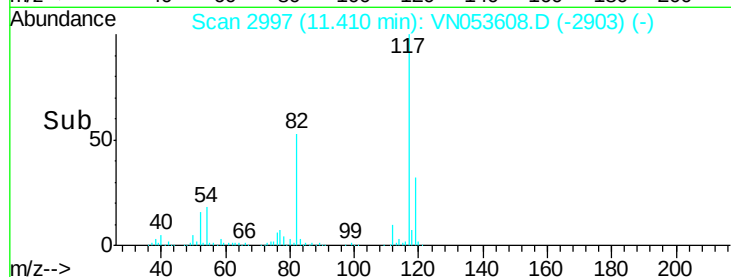
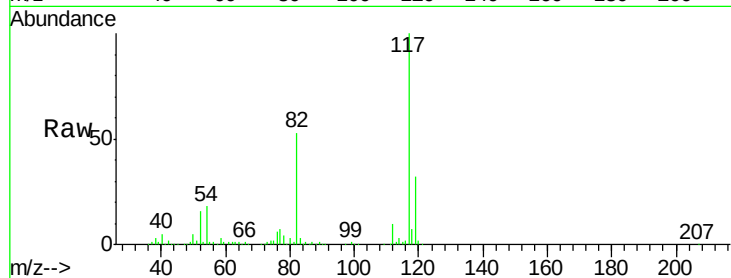




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

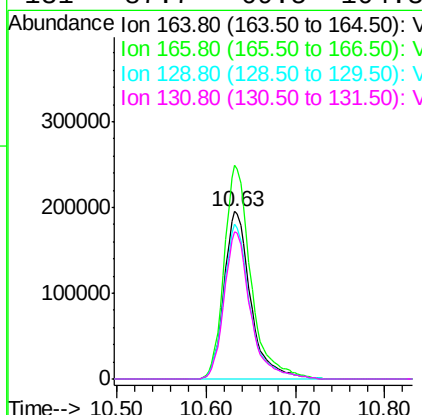
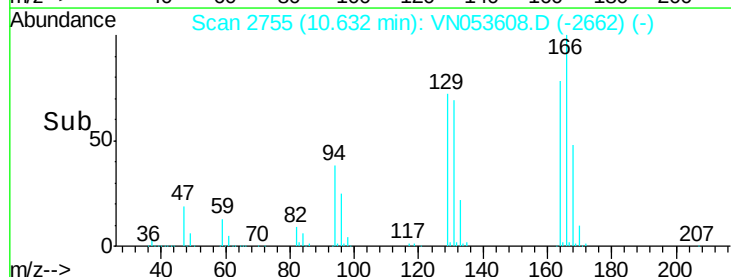
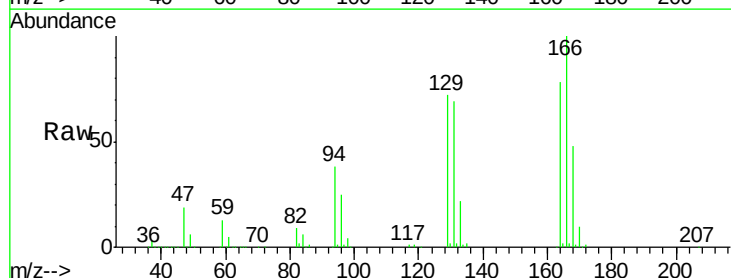
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

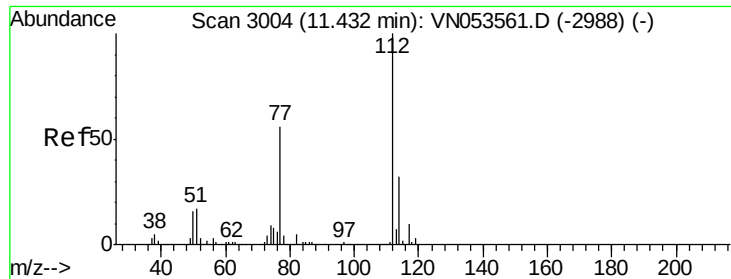
Tot Ion:117 Resp: 1035478
Ion Ratio Lower Upper
117 100
82 52.7 42.9 64.3
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 45.362 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Tgt Ion:164 Resp: 402651
Ion Ratio Lower Upper
164 100
166 127.5 102.2 153.4
129 92.1 72.6 109.0
131 87.7 69.5 104.3





#65

Chlorobenzene

Concen: 47.090 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

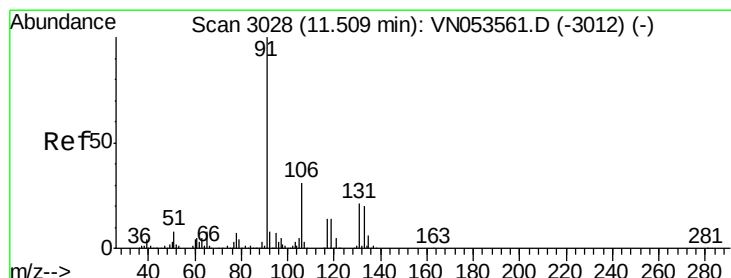
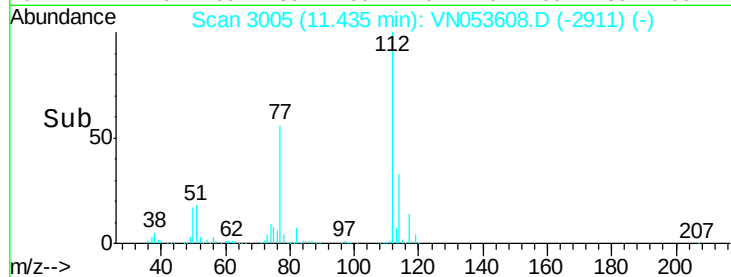
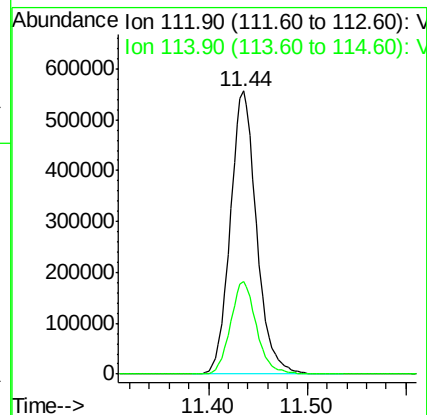
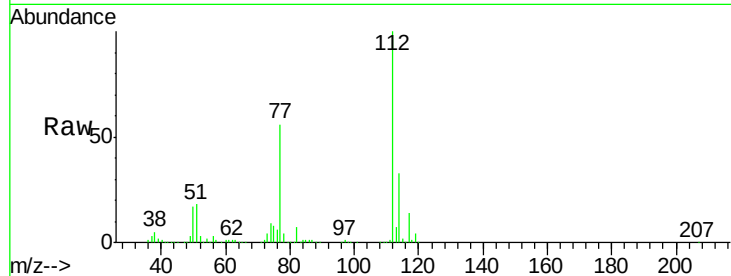
VSTDCCC050EC

Tot Ion:112 Resp: 1035734

Ion Ratio Lower Upper

112 100

114 32.6 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 48.601 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

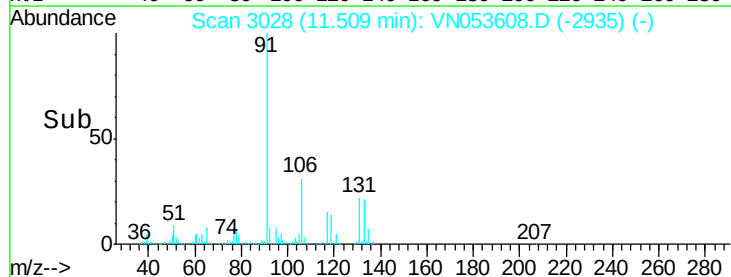
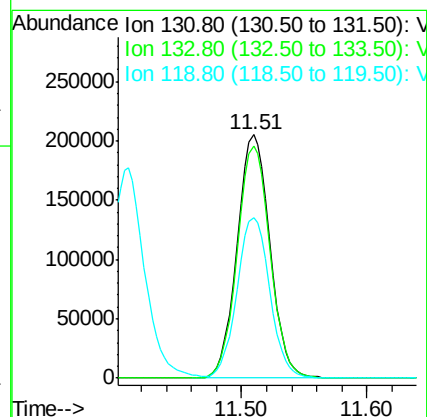
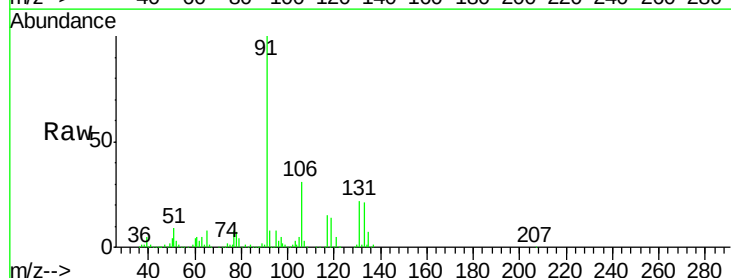
Tgt Ion:131 Resp: 373324

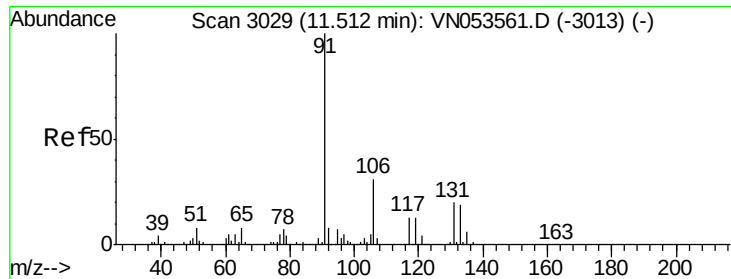
Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.0

119 66.1 33.5 100.5





#67

Ethyl Benzene

Concen: 48.444 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

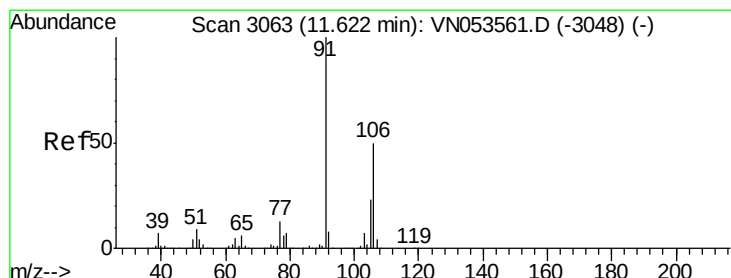
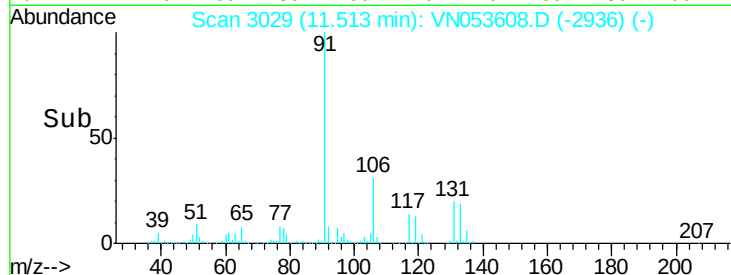
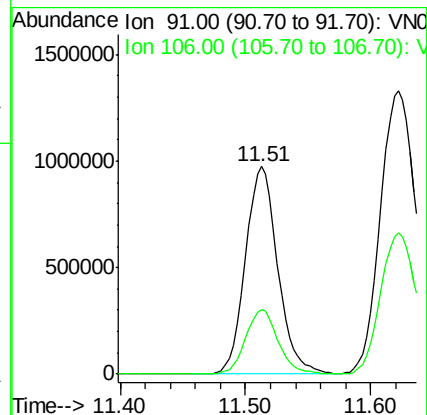
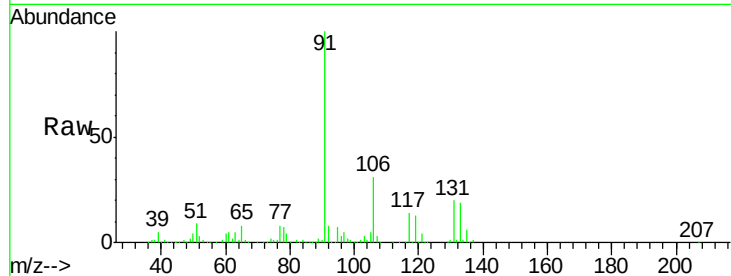
VSTDCCC050EC

Tot Ion: 91 Resp: 1750321

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 98.045 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053608.D

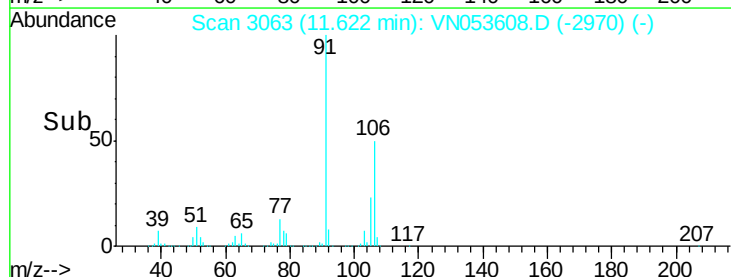
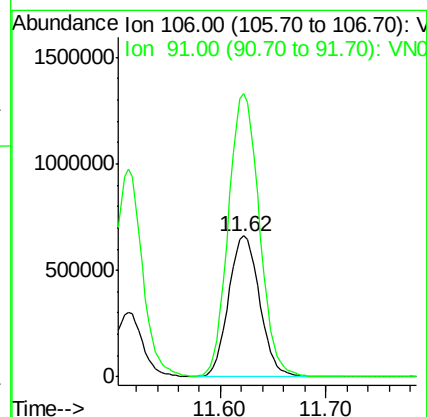
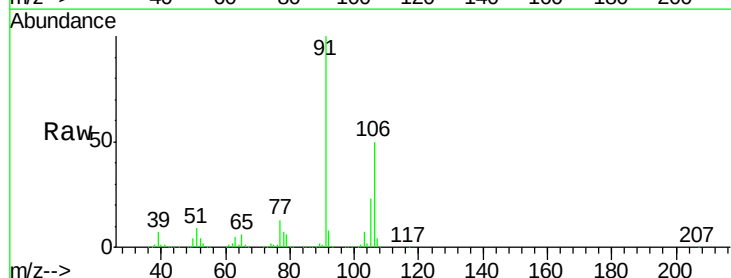
Acq: 4 Feb 2019 20:24

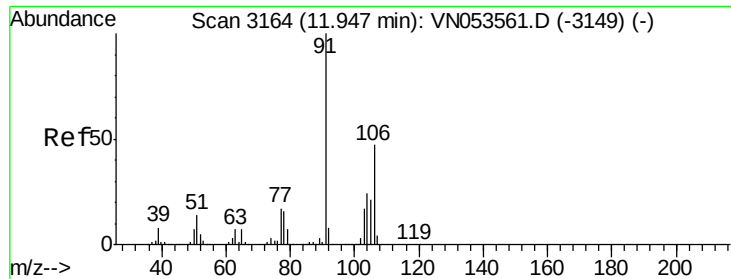
Tgt Ion: 106 Resp: 1352005

Ion Ratio Lower Upper

106 100

91 199.5 161.4 242.2

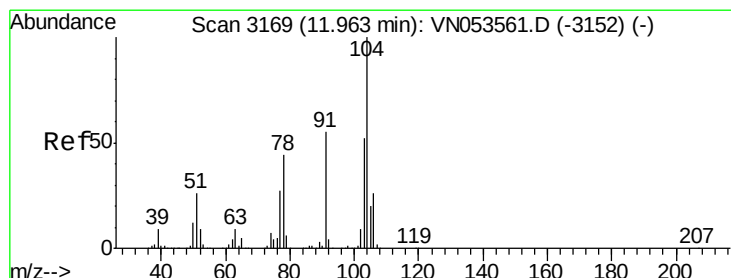
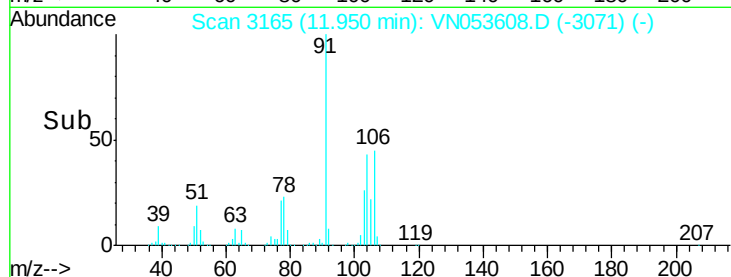
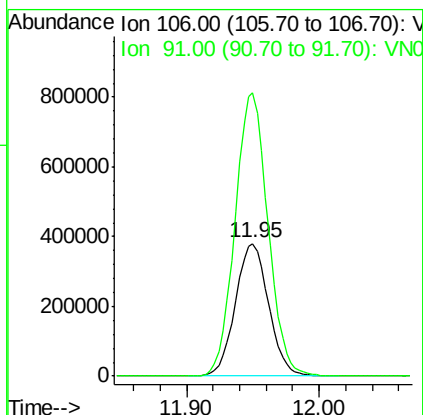
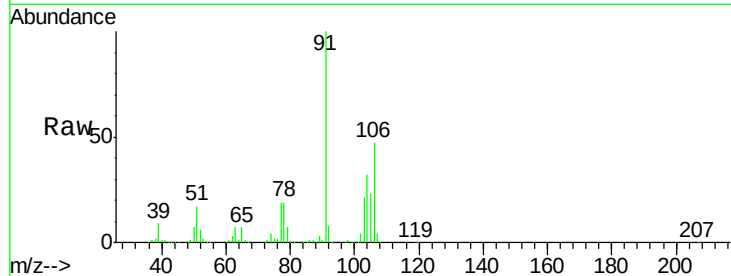




#69
o-Xylene
Concen: 49.585 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

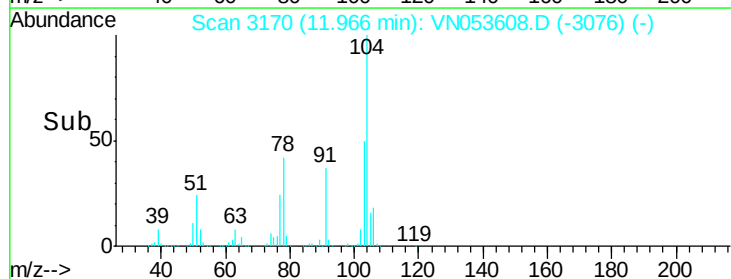
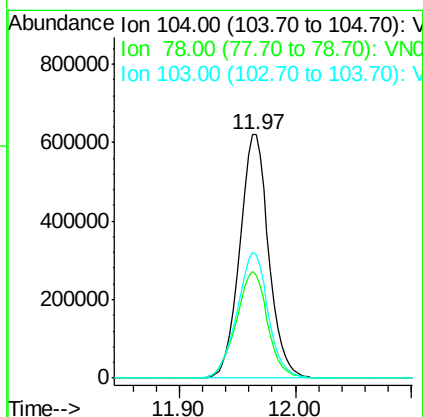
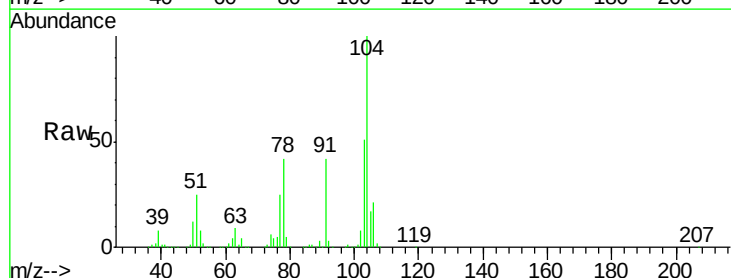
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

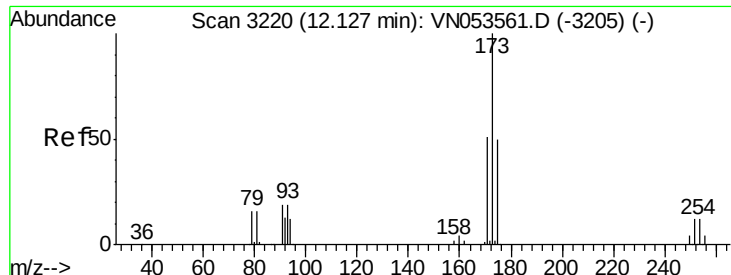
Tot Ion:106 Resp: 660578
Ion Ratio Lower Upper
106 100
91 211.8 106.9 320.8



#70
Styrene
Concen: 49.694 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Tgt Ion:104 Resp: 1073031
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.2
103 55.4 44.4 66.6

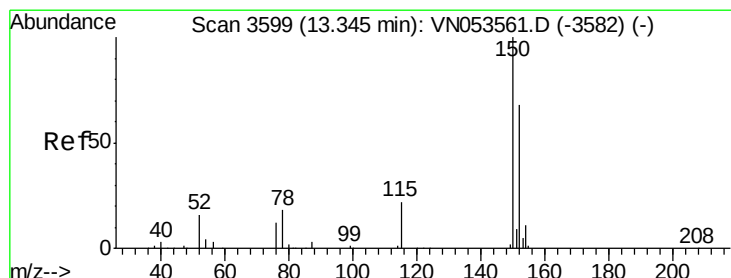
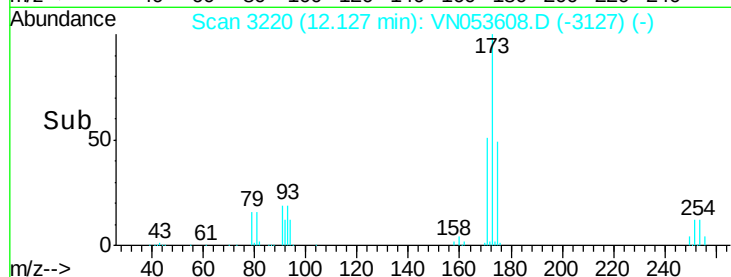
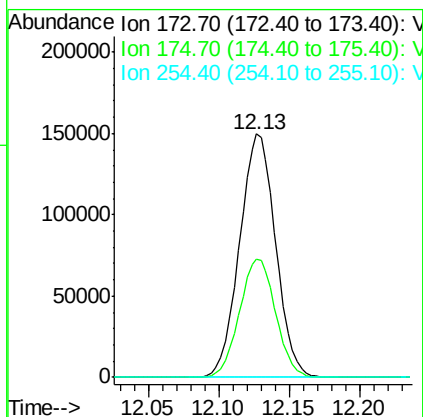
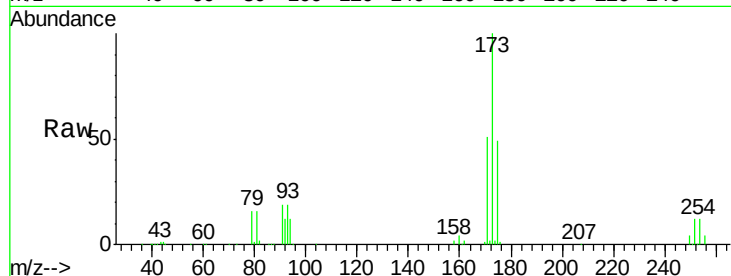




#71
Bromoform
Concen: 50.828 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

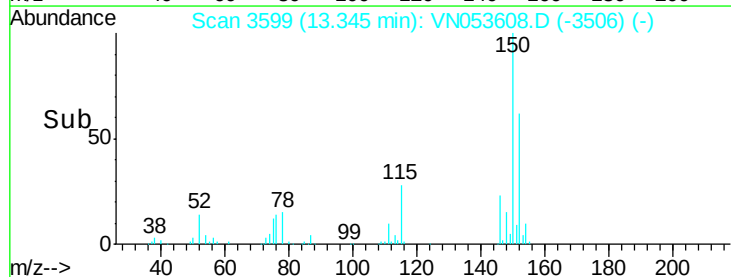
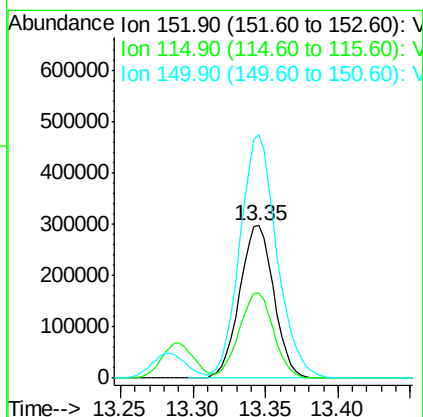
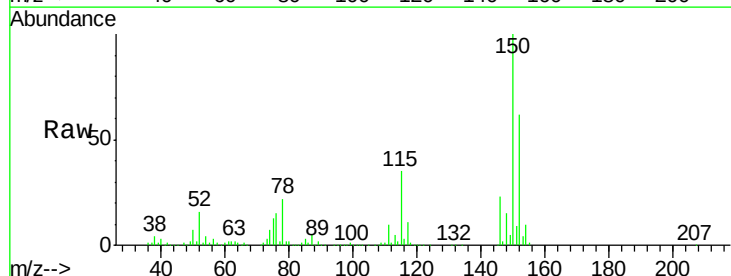
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

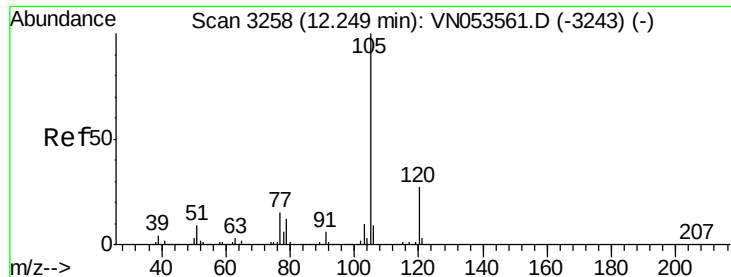
Tot Ion:173 Resp: 267669
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Tgt Ion:152 Resp: 487684
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 172.7 0.0 349.0





#73

Isopropylbenzene

Concen: 49.520 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

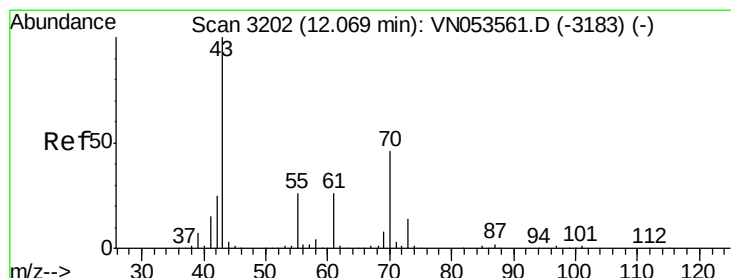
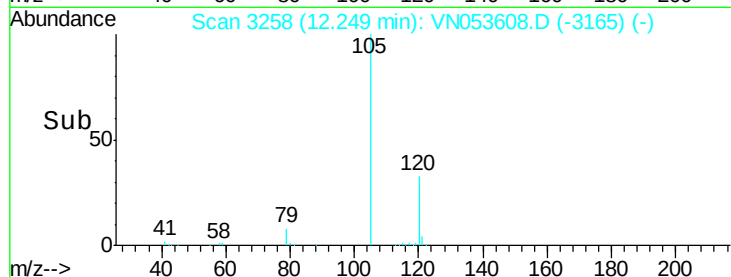
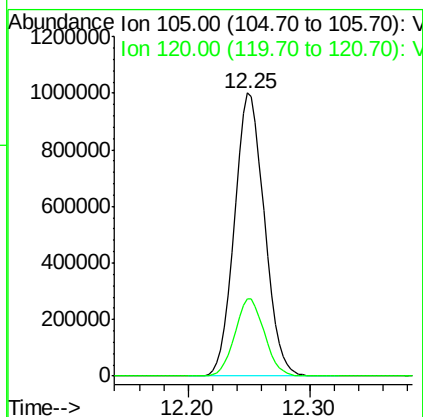
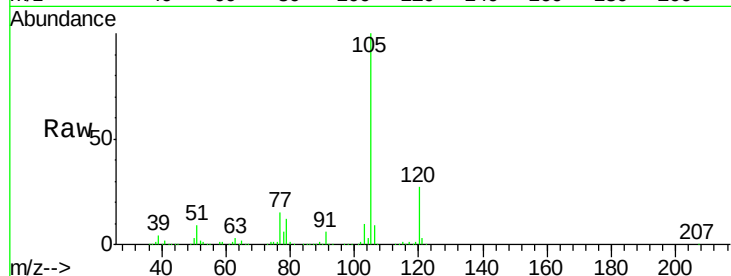
VSTDCCC050EC

Tot Ion:105 Resp: 1697710

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 53.508 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Tgt Ion: 43 Resp: 441120

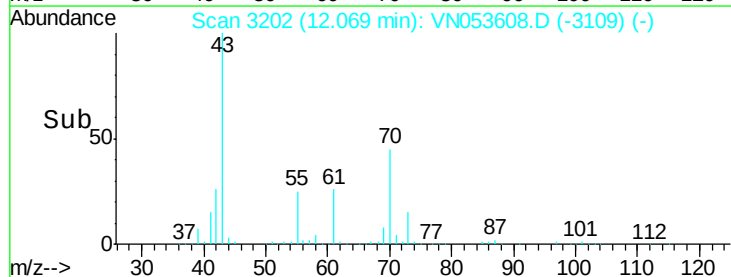
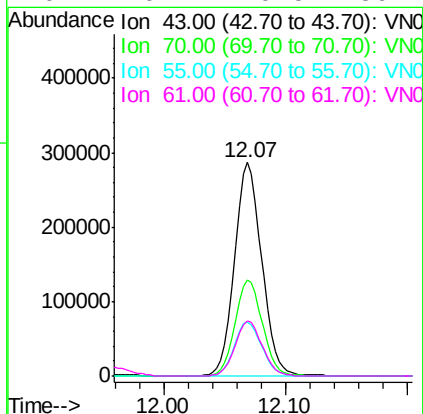
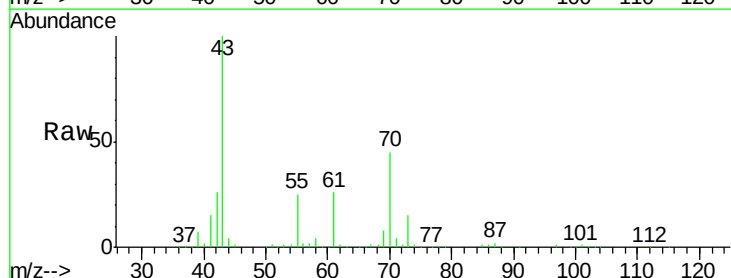
Ion Ratio Lower Upper

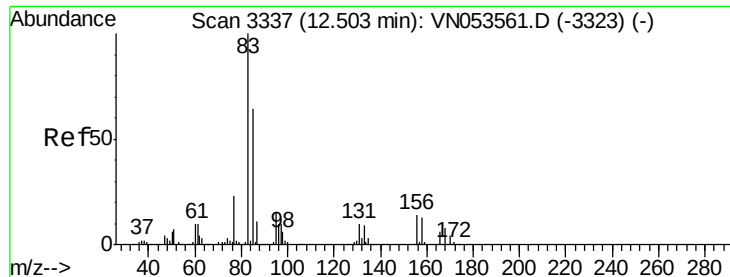
43 100

70 45.7 35.4 53.2

55 25.8 20.9 31.3

61 26.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.365 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

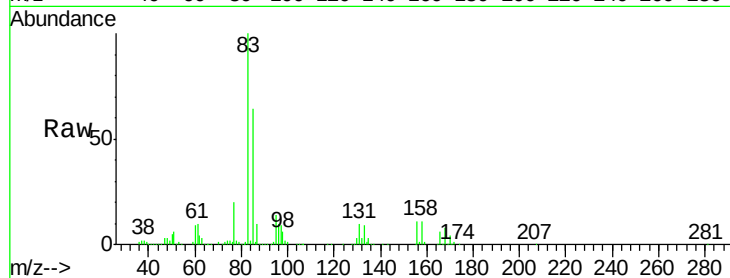
Tot Ion: 83 Resp: 405038

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

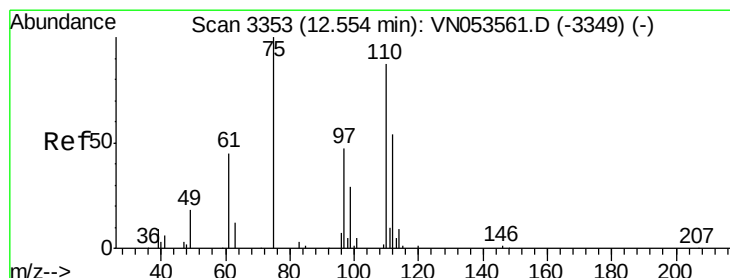
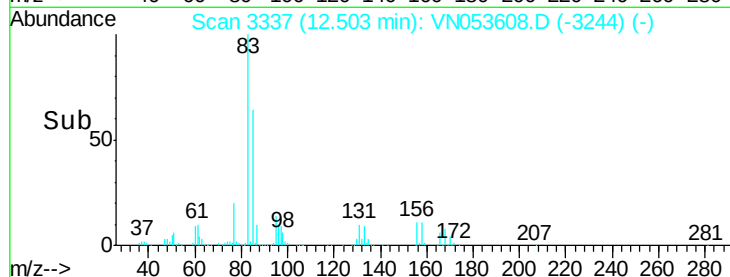
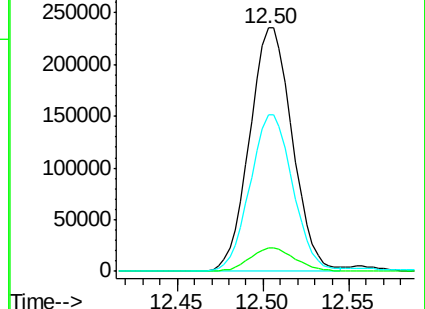
85 64.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN053561.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN053561.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN053561.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 78.940 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053608.D

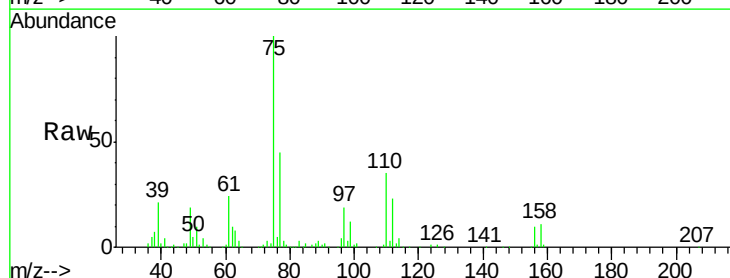
Acq: 4 Feb 2019 20:24

Tgt Ion: 75 Resp: 494482

Ion Ratio Lower Upper

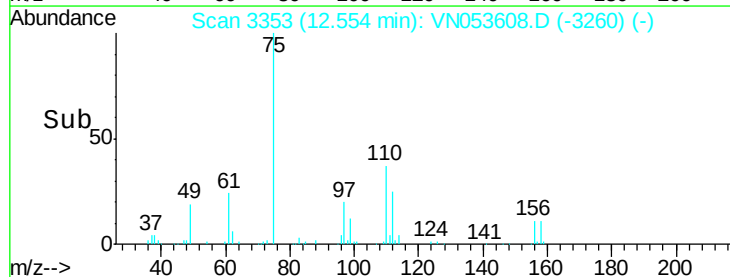
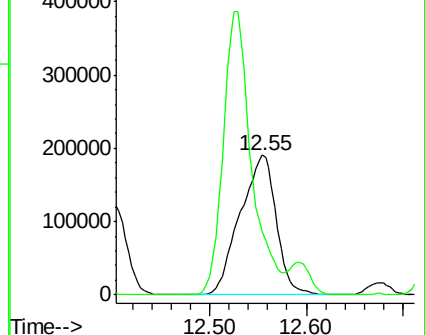
75 100

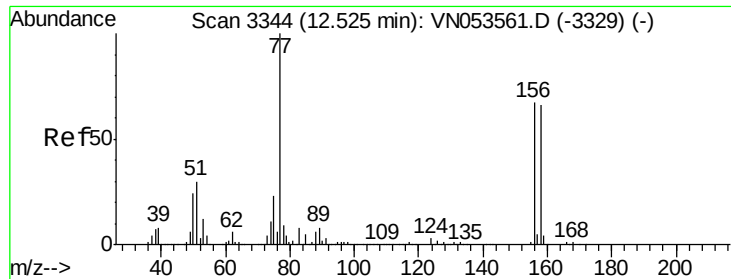
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053561.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN053561.D (-3349) (-)





#77

Bromobenzene

Concen: 48.806 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

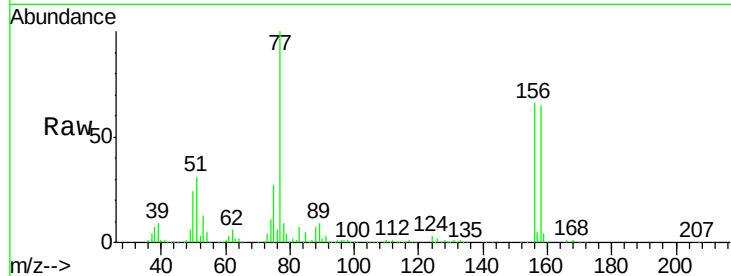
Tot Ion:156 Resp: 450950

Ion Ratio Lower Upper

156 100

77 174.2 87.9 263.8

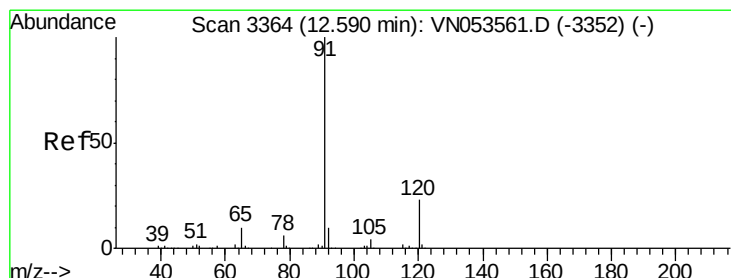
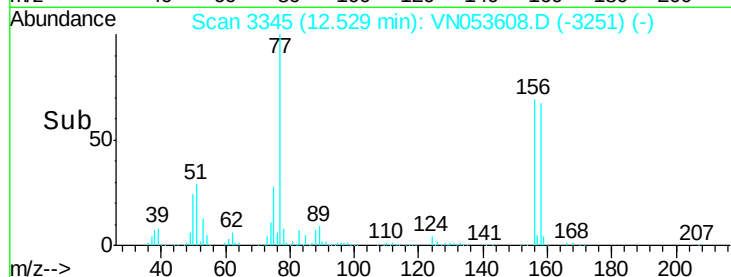
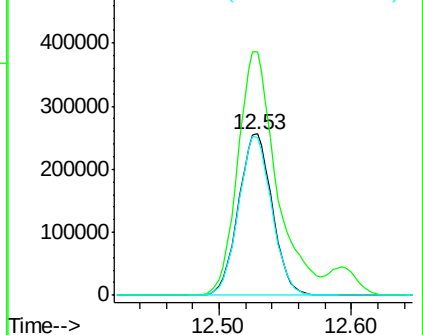
158 97.6 48.8 146.4



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: 49.233 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053608.D

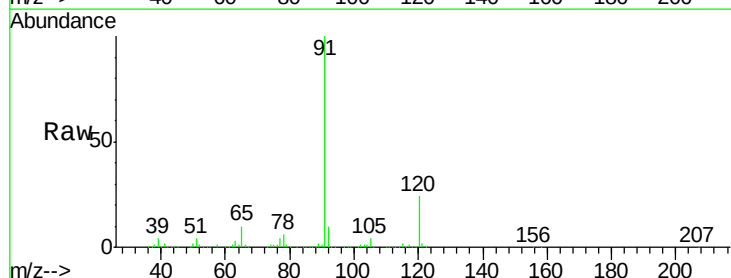
Acq: 4 Feb 2019 20:24

Tgt Ion: 91 Resp: 1951205

Ion Ratio Lower Upper

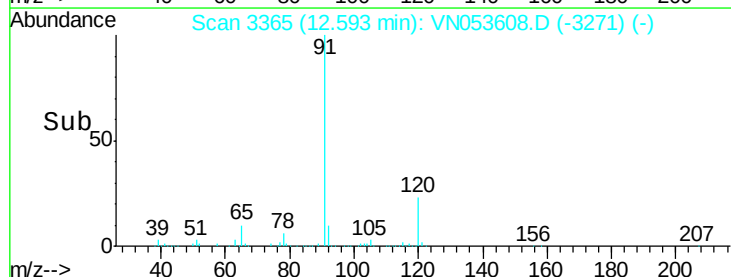
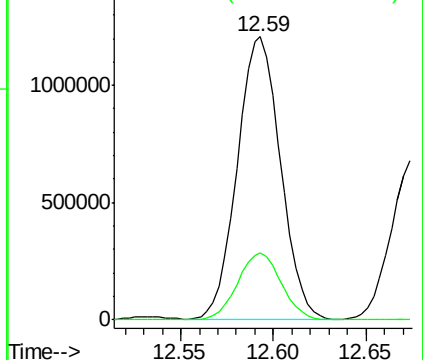
91 100

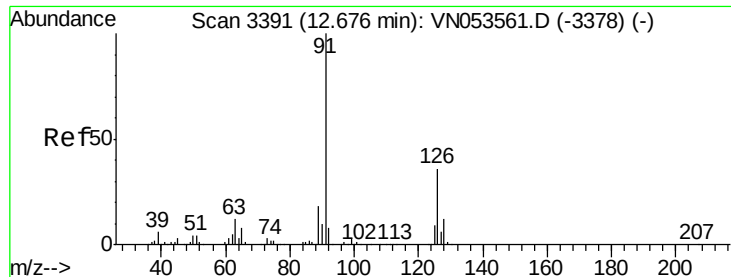
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.218 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

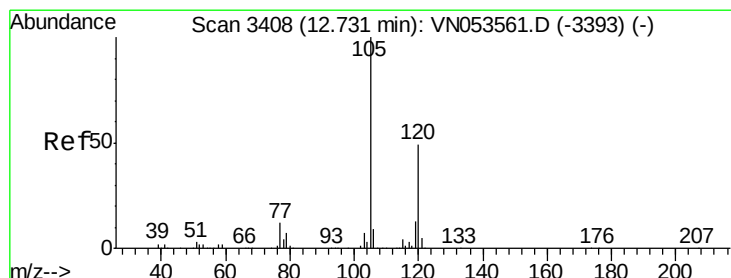
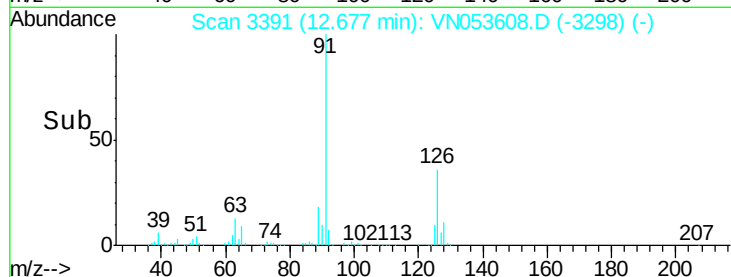
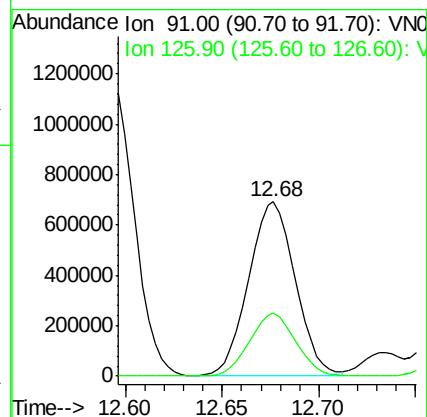
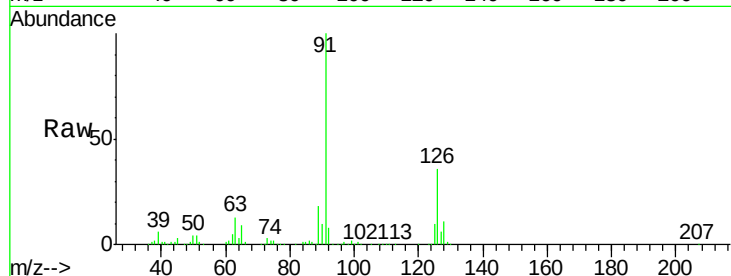
VSTDCCC050EC

Tot Ion: 91 Resp: 1157251

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 50.679 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053608.D

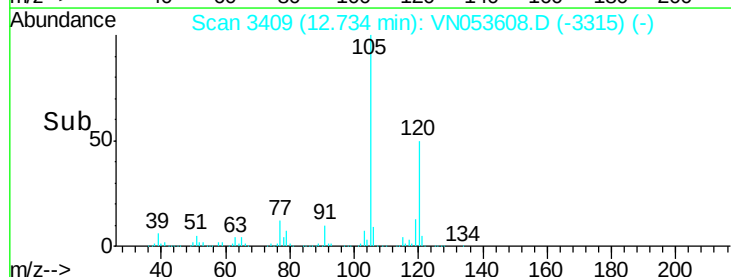
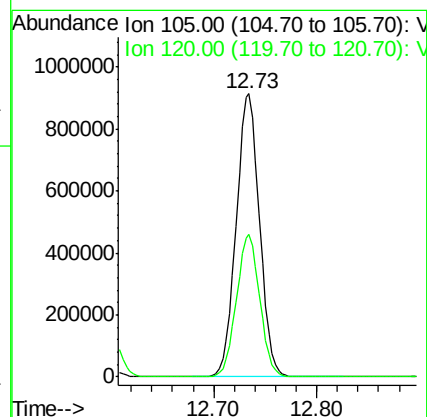
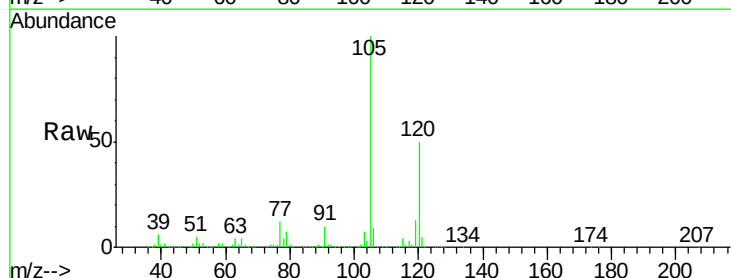
Acq: 4 Feb 2019 20:24

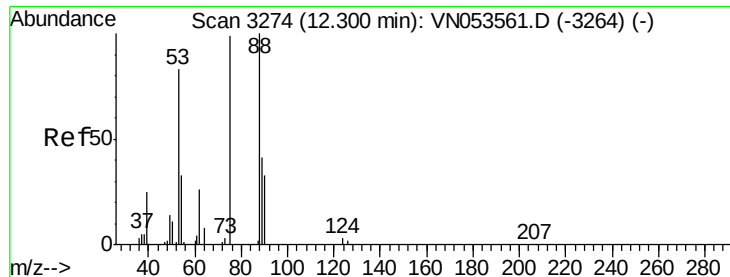
Tgt Ion: 105 Resp: 1440769

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.837 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

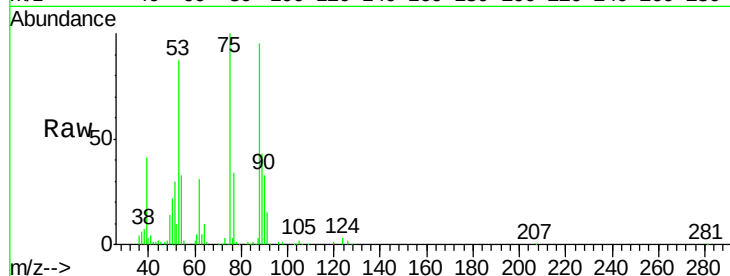
Tot Ion: 75 Resp: 108792

Ion Ratio Lower Upper

75 100

53 87.1 69.8 104.6

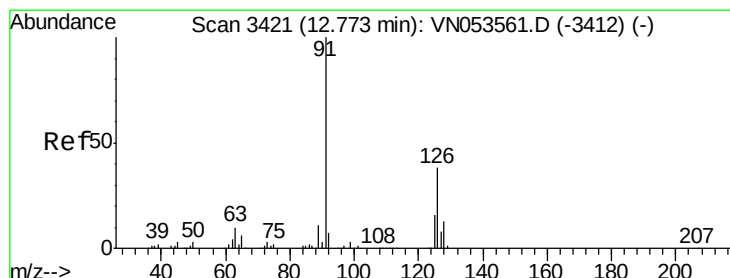
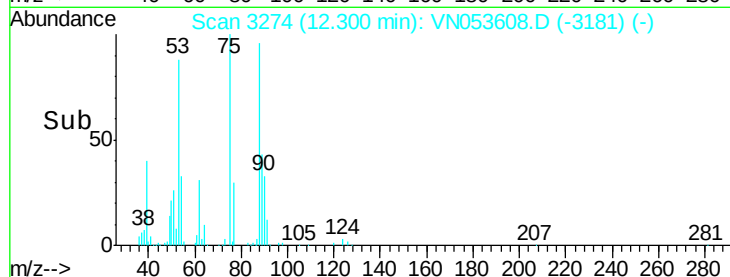
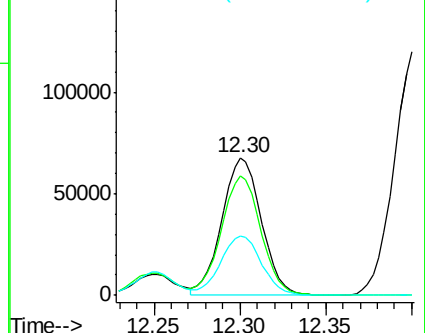
89 44.6 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.991 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053608.D

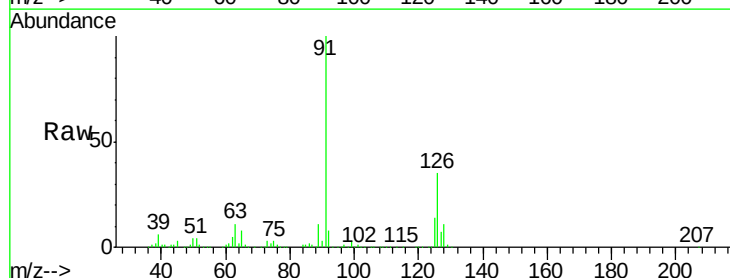
Acq: 4 Feb 2019 20:24

Tgt Ion: 91 Resp: 1182042

Ion Ratio Lower Upper

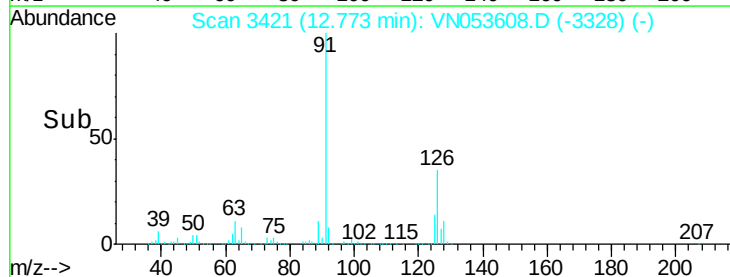
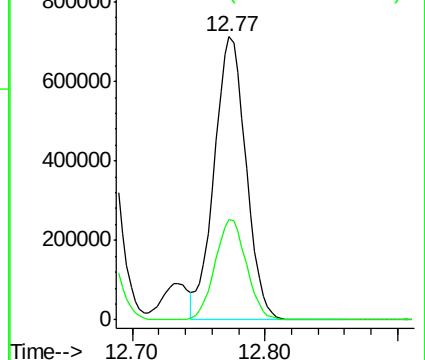
91 100

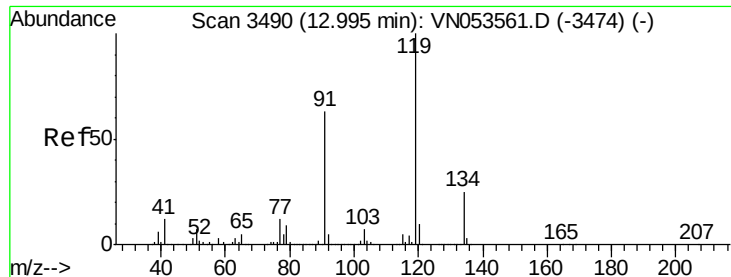
126 35.1 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

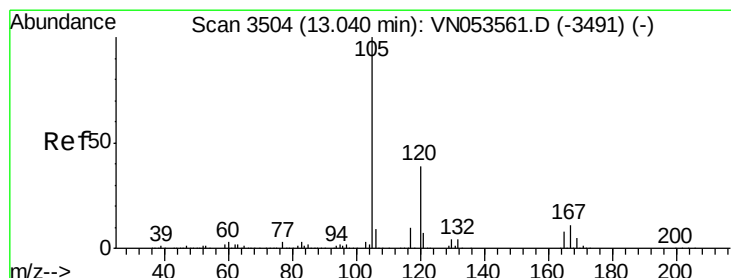
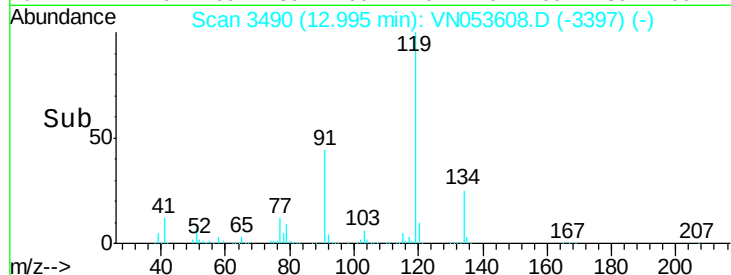
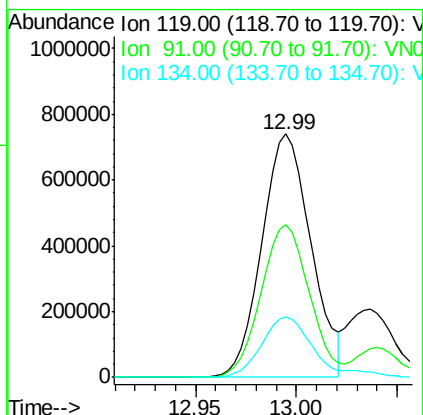
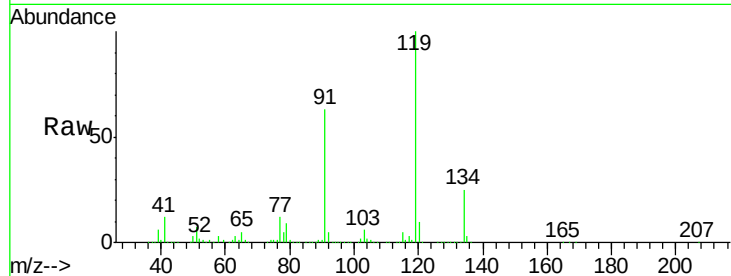




#83
 tert-Butylbenzene
 Concen: 49.989 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

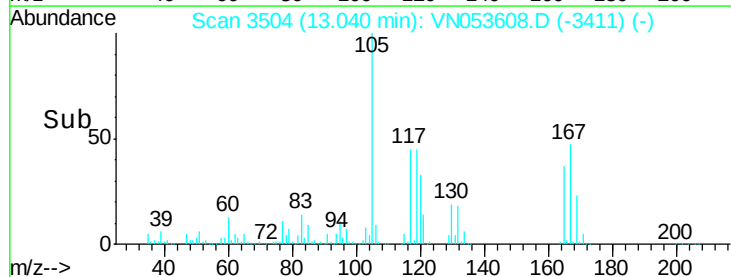
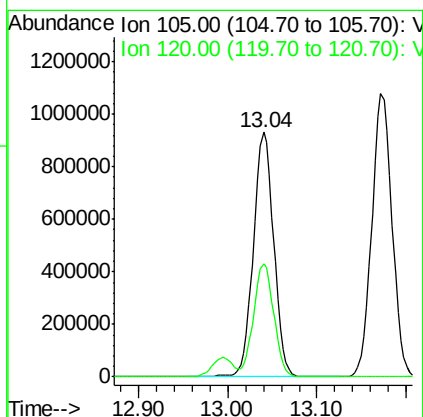
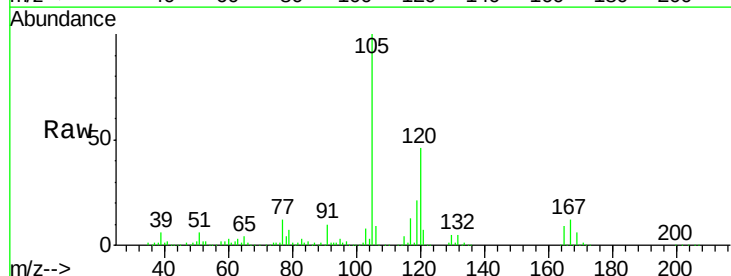
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

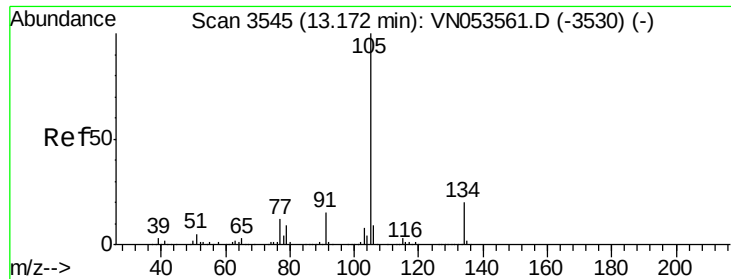
Tot Ion:119 Resp: 1256048
 Ion Ratio Lower Upper
 119 100
 91 61.8 31.3 93.8
 134 26.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 50.868 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion:105 Resp: 1473364
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 49.311 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

Instrument :

MSVOA_N

ClientSampleId :

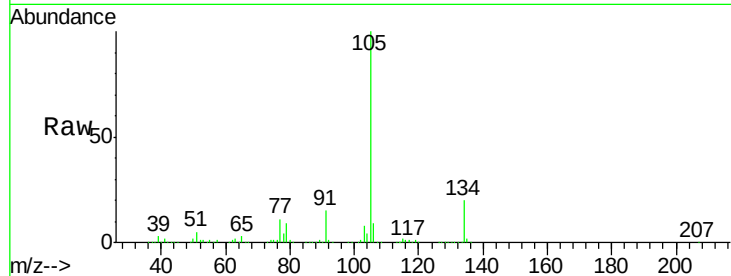
VSTDCCC050EC

Tot Ion:105 Resp: 1686046

Ion Ratio Lower Upper

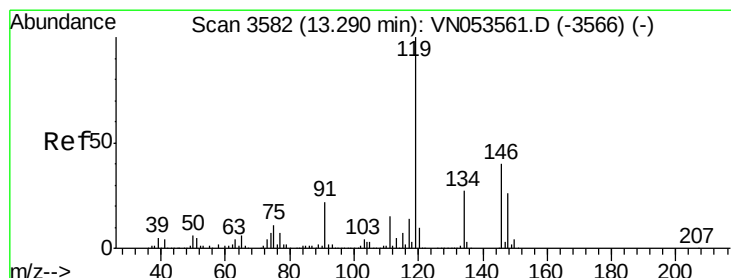
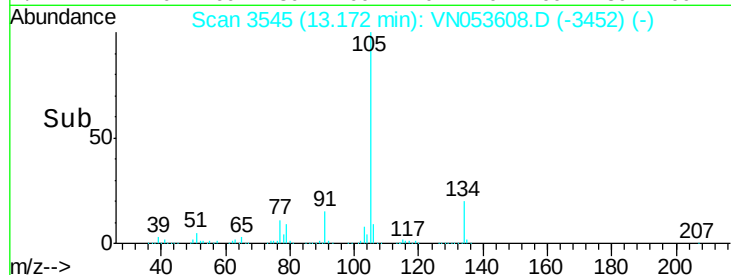
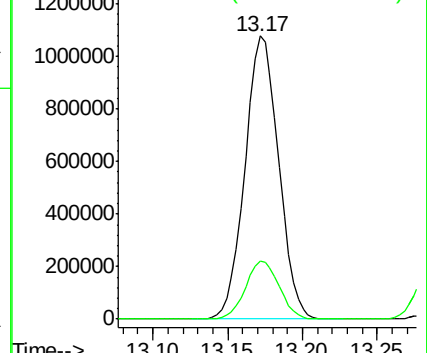
105 100

134 20.6 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.761 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053608.D

Acq: 4 Feb 2019 20:24

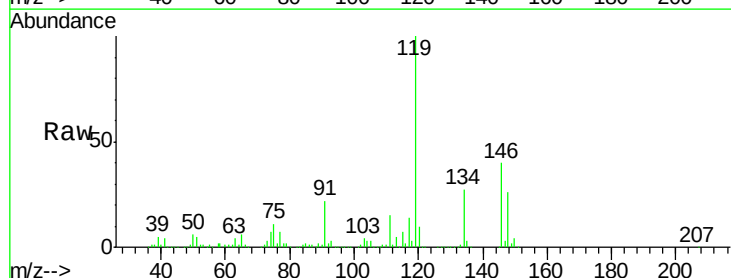
Tgt Ion:119 Resp: 1488054

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

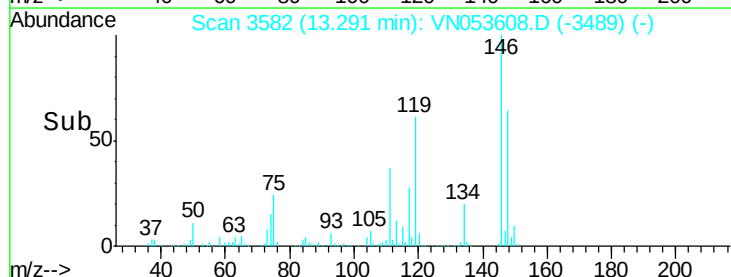
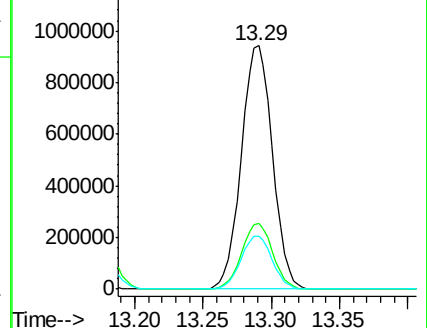
91 21.9 11.0 33.0

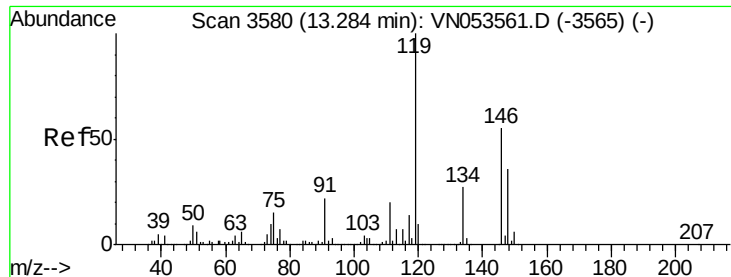


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

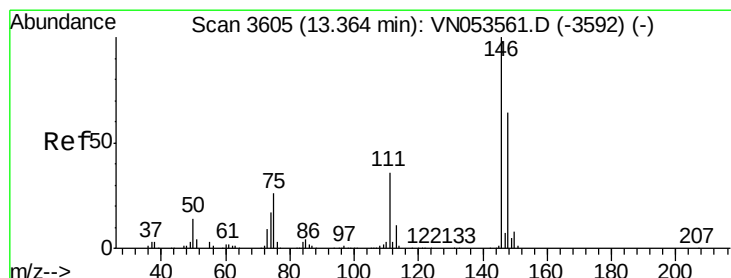
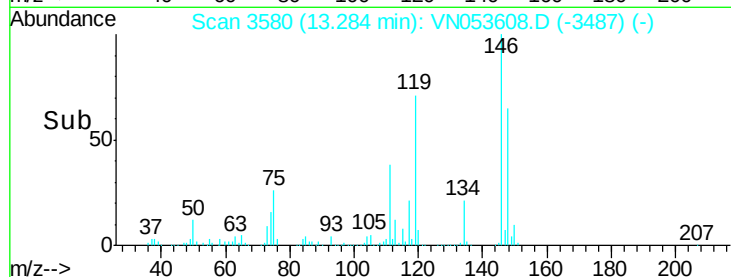
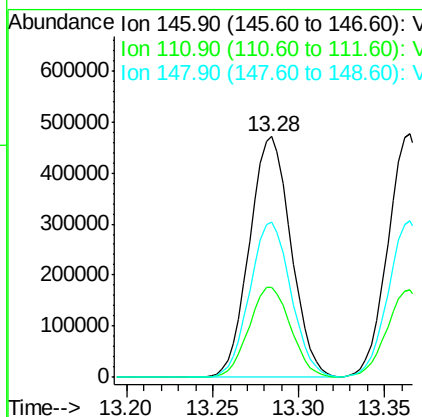
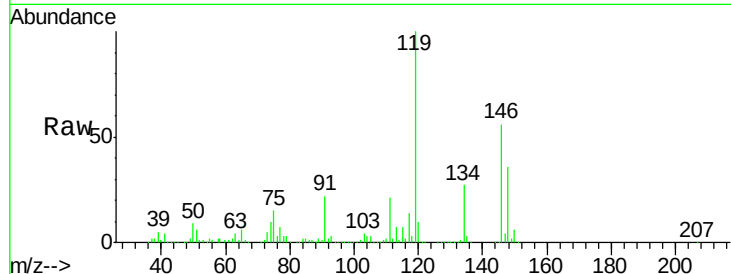




#87
 1,3-Dichlorobenzene
 Concen: 47.532 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

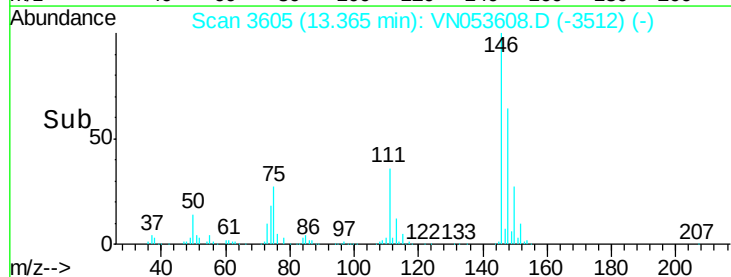
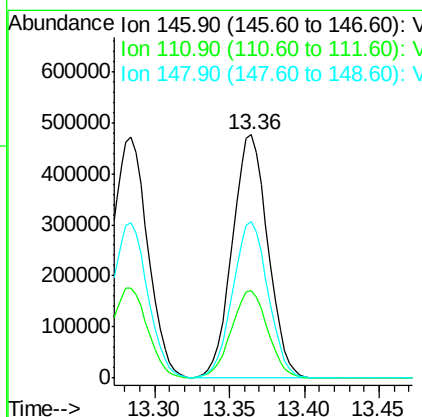
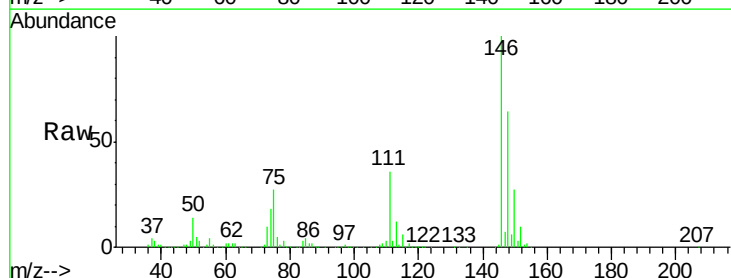
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

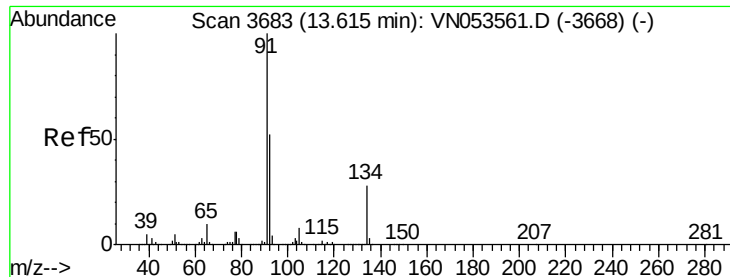
Tot Ion:146 Resp: 789494
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.8 56.3
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.957 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion:146 Resp: 787934
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.6 55.8
 148 64.2 32.4 97.0

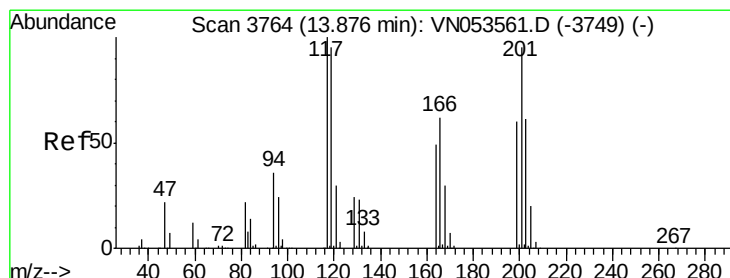
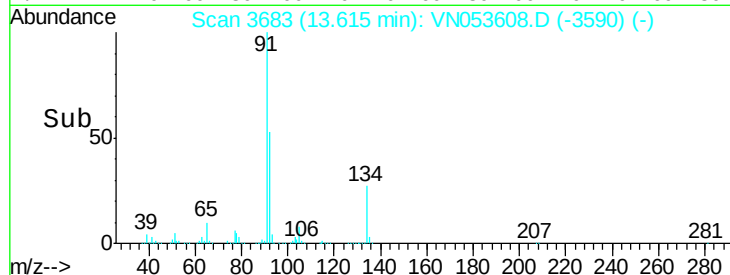
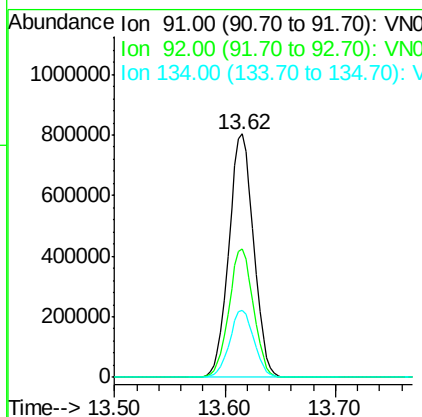
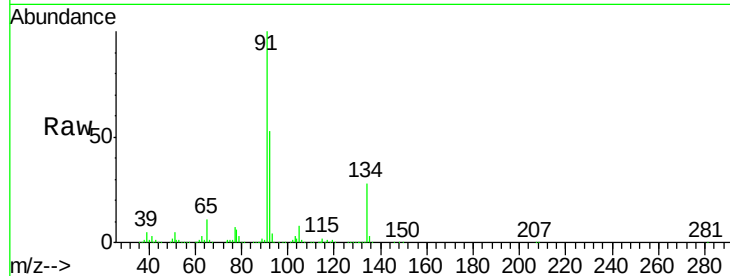




#89
n-Butylbenzene
Concen: 48.271 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

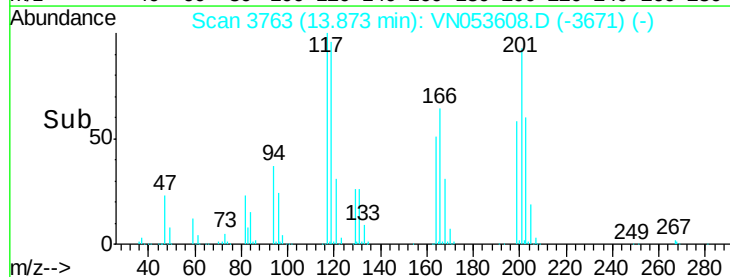
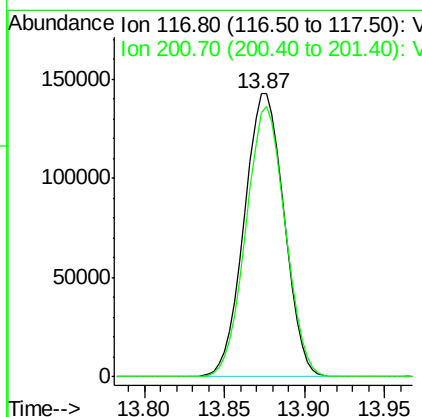
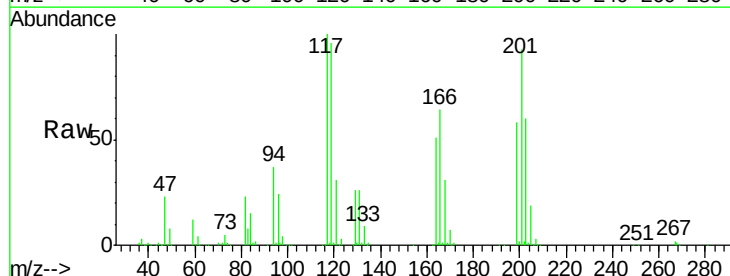
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

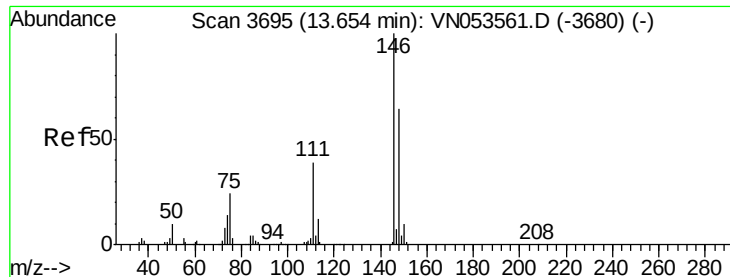
Tot Ion: 91 Resp: 1249447
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.8
134 27.2 13.5 40.5



#90
Hexachloroethane
Concen: 49.342 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Tgt Ion: 117 Resp: 243384
Ion Ratio Lower Upper
117 100
201 94.1 46.8 140.4

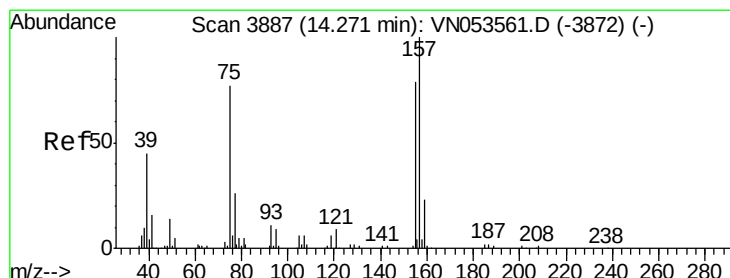
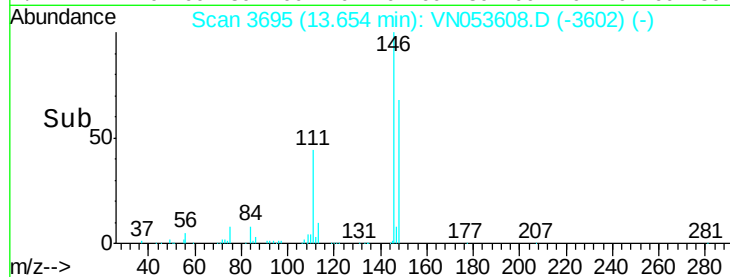
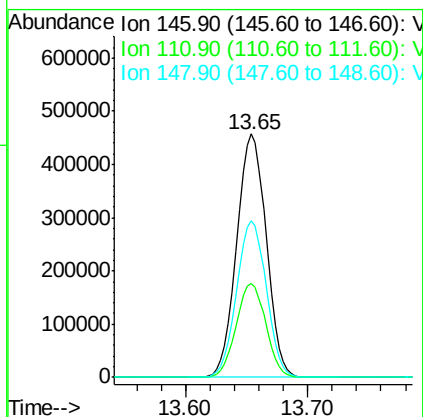
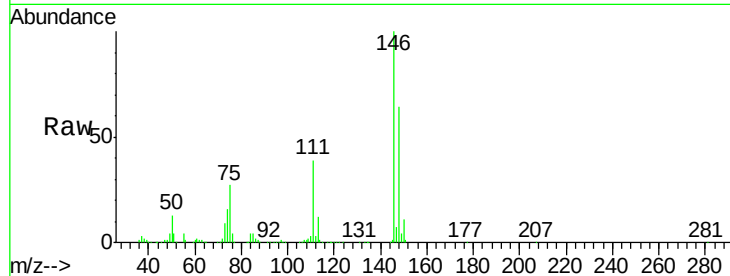




#91
 1,2-Dichlorobenzene
 Concen: 48.049 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

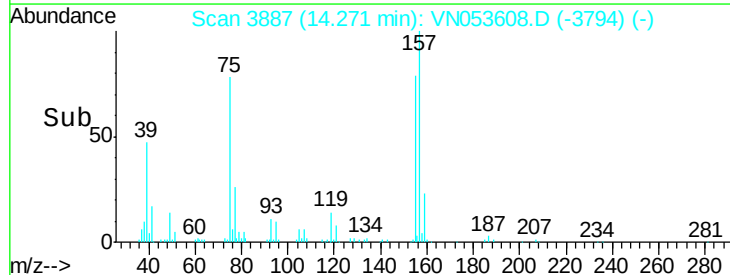
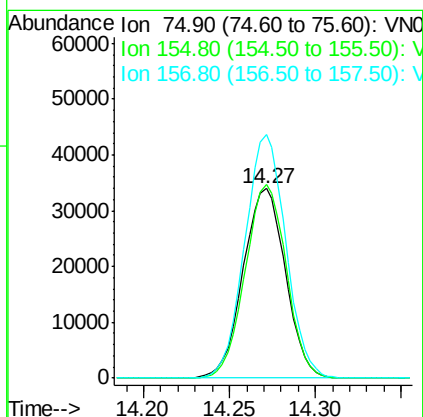
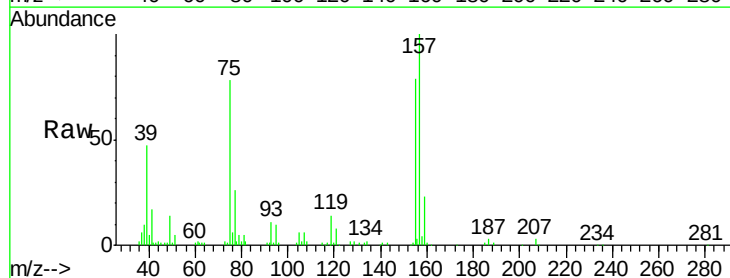
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

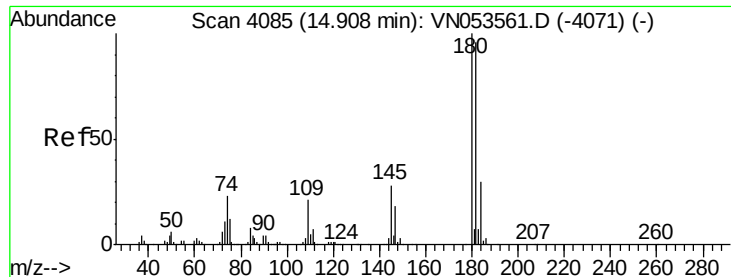
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	64.7	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.667 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.2	48.9	146.7
157	124.7	63.7	191.3

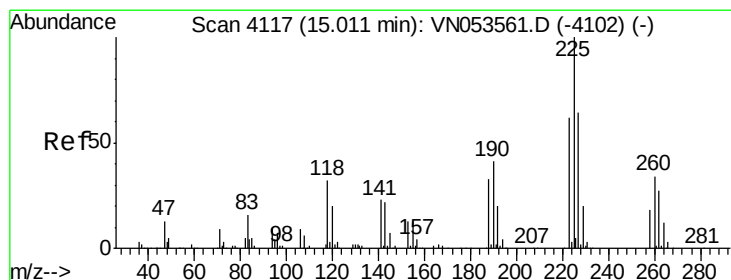
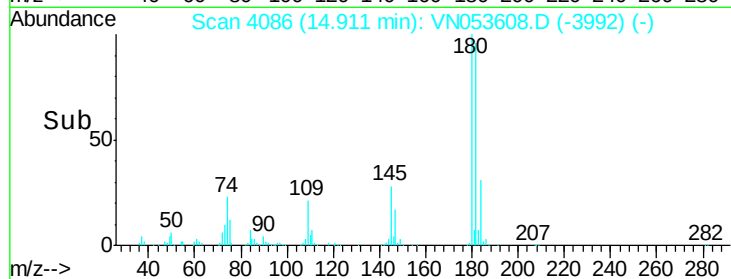
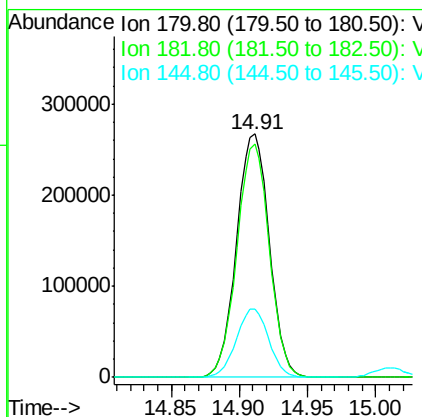
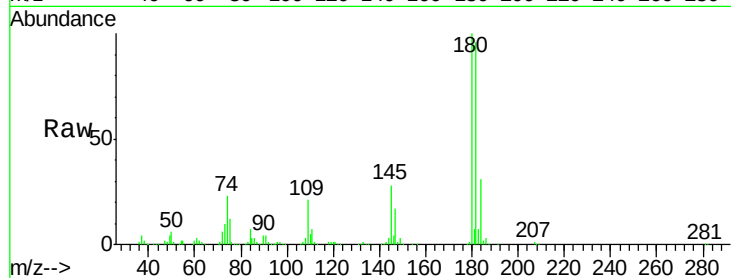




#93
 1,2,4-Trichlorobenzene
 Concen: 48.914 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

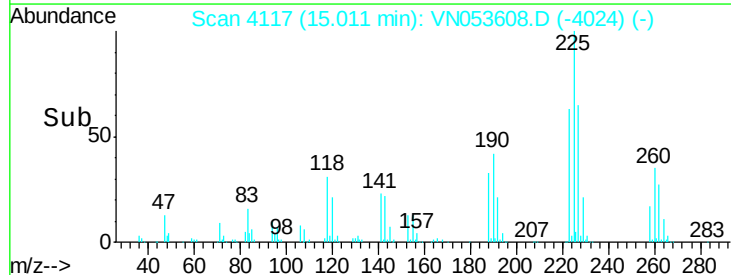
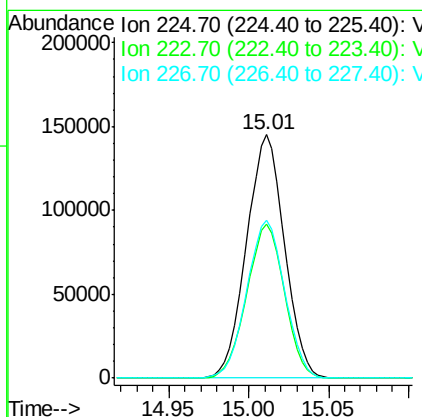
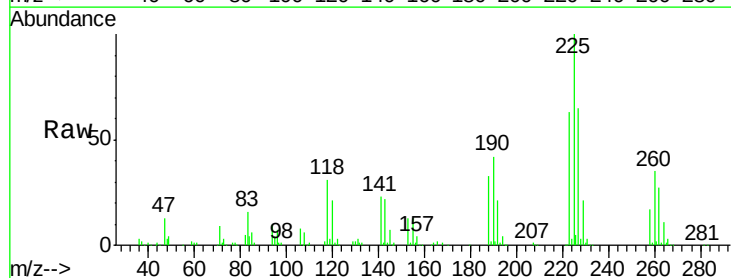
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

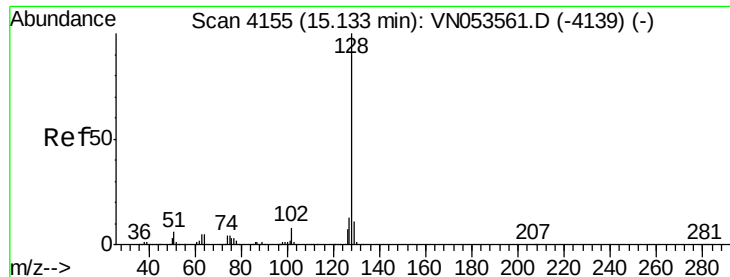
Tot Ion:180 Resp: 446085
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.1 144.3
 145 27.8 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 41.334 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053608.D
 Acq: 4 Feb 2019 20:24

Tgt Ion:225 Resp: 234755
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.2
 227 64.9 32.0 96.2

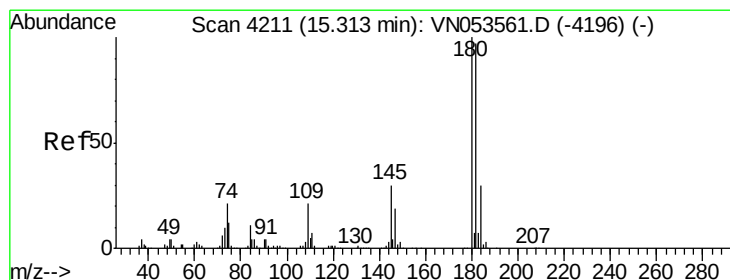
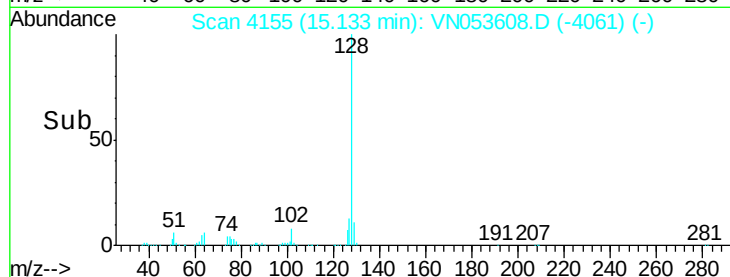
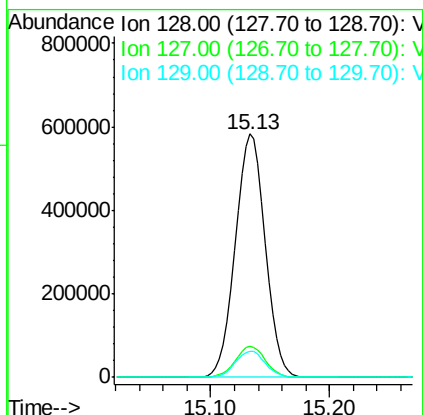
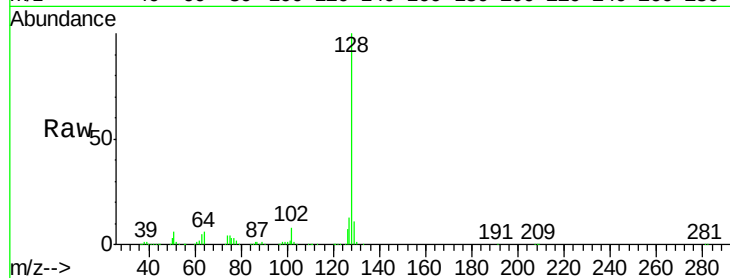




#95
Naphthalene
Concen: 47.363 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1012643
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.025 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053608.D
Acq: 4 Feb 2019 20:24

Tgt Ion:180 Resp: 414855
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.8
145 29.7 14.7 44.1

