

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053720.D
 Acq On : 12 Feb 2019 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 13 04:11:04 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	754190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1106907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	973596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	472795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	380470	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	366491	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.09	98	1366100	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.40	95	456524	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	396712	46.681	ug/l	99
3) Chloromethane	2.06	50	422814	47.222	ug/l	98
4) Vinyl Chloride	2.19	62	420666	48.398	ug/l	100
5) Bromomethane	2.57	94	279096	49.110	ug/l	97
6) Chloroethane	2.71	64	266313	53.617	ug/l	99
7) Trichlorofluoromethane	3.02	101	626692	53.169	ug/l	99
8) Diethyl Ether	3.41	74	228052	52.979	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	394030	54.054	ug/l	98
10) Methyl Iodide	3.96	142	531834	46.483	ug/l	99
11) Tert butyl alcohol	4.78	59	135787	303.249	ug/l	99
12) 1,1-Dichloroethene	3.74	96	363717	52.079	ug/l	97
13) Acrolein	3.61	56	63144	259.006	ug/l	99
14) Allyl chloride	4.33	41	582961	52.425	ug/l	99
15) Acrylonitrile	4.99	53	658774	272.524	ug/l	99
16) Acetone	3.81	43	625862	322.494	ug/l	99
17) Carbon Disulfide	4.06	76	1007413	46.325	ug/l	100
18) Methyl Acetate	4.32	43	348342	60.609	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	949309	53.619	ug/l	98
20) Methylene Chloride	4.55	84	414471	50.905	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	364628	48.393	ug/l	98
22) Diisopropyl ether	5.95	45	1089983	52.900	ug/l	97
23) Vinyl Acetate	5.90	43	3771521	264.597	ug/l	99
24) 1,1-Dichloroethane	5.85	63	675897	49.181	ug/l	99
25) 2-Butanone	6.83	43	776232	280.445	ug/l	100
26) 2,2-Dichloropropane	6.82	77	524646	50.010	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	427277	50.998	ug/l	97
28) Bromochloromethane	7.19	49	301312	50.523	ug/l	96
29) Tetrahydrofuran	7.21	42	485136	272.959	ug/l	98
30) Chloroform	7.37	83	677068	49.699	ug/l	100
31) Cyclohexane	7.65	56	600945	46.956	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	571816	50.436	ug/l	99
36) 1,1-Dichloropropene	7.79	75	515295	51.643	ug/l	99
37) Ethyl Acetate	6.93	43	323105	57.979	ug/l	99
38) Carbon Tetrachloride	7.77	117	511864	50.922	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	607947	51.356	ug/l	99
40) Benzene	8.04	78	1561264	50.740	ug/l	100
41) Methacrylonitrile	7.17	41	188512	60.525	ug/l	94
42) 1,2-Dichloroethane	8.12	62	467659	51.187	ug/l	99
43) Isopropyl Acetate	8.16	43	558168	51.863	ug/l	100
44) Trichloroethene	8.83	130	439505	50.172	ug/l	99
45) 1,2-Dichloropropane	9.12	63	413290	52.514	ug/l	99
46) Dibromomethane	9.21	93	246497	51.957	ug/l	97
47) Bromodichloromethane	9.40	83	519228	52.638	ug/l	98
48) Methyl methacrylate	9.20	41	269071	52.376	ug/l	93
49) 1,4-Dioxane	9.20	88	85966	1148.794	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	1481065	280.049	ug/l	99
52) Toluene	10.16	92	951021	52.077	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	530238	53.682	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	615392	52.576	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	355875	54.081	ug/l	99
56) Ethyl methacrylate	10.43	69	429511	55.174	ug/l	99
57) 1,3-Dichloropropane	10.71	76	588645	52.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1038872	216.298	ug/l	98
59) 2-Hexanone	10.75	43	984918	274.329	ug/l	99
60) Dibromochloromethane	10.90	129	401915	54.162	ug/l	99
61) 1,2-Dibromoethane	11.00	107	339622	52.144	ug/l	100
64) Tetrachloroethene	10.63	164	428461	51.338	ug/l	98
65) Chlorobenzene	11.43	112	1057481	51.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	385233	53.339	ug/l	99
67) Ethyl Benzene	11.51	91	1769195	52.079	ug/l	99
68) m/p-Xylenes	11.62	106	1379421	106.391	ug/l	99
69) o-Xylene	11.95	106	666082	53.176	ug/l	99
70) Styrene	11.96	104	1095877	53.978	ug/l	99
71) Bromoform	12.13	173	281282	56.808	ug/l #	100
73) Isopropylbenzene	12.25	105	1754831	52.798	ug/l	100
74) N-amyl acetate	12.07	43	446643	55.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	417022	52.426	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	516272	85.014	ug/l #	100
77) Bromobenzene	12.53	156	460032	51.357	ug/l	99
78) n-propylbenzene	12.59	91	2052537	53.421	ug/l	100
79) 2-Chlorotoluene	12.67	91	1198347	52.570	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1517774	55.069	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	118095	54.683	ug/l	100
82) 4-Chlorotoluene	12.77	91	1214122	51.906	ug/l	99
83) tert-Butylbenzene	12.99	119	1321731	54.260	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1547004	55.093	ug/l	99
85) sec-Butylbenzene	13.17	105	1804517	54.437	ug/l	99
86) p-Isopropyltoluene	13.29	119	1599651	55.177	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	827633	51.397	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	820023	51.481	ug/l	99
89) n-Butylbenzene	13.62	91	1372847	54.709	ug/l	100
90) Hexachloroethane	13.88	117	263689	55.142	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	814051	52.806	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62003	54.694	ug/l	98

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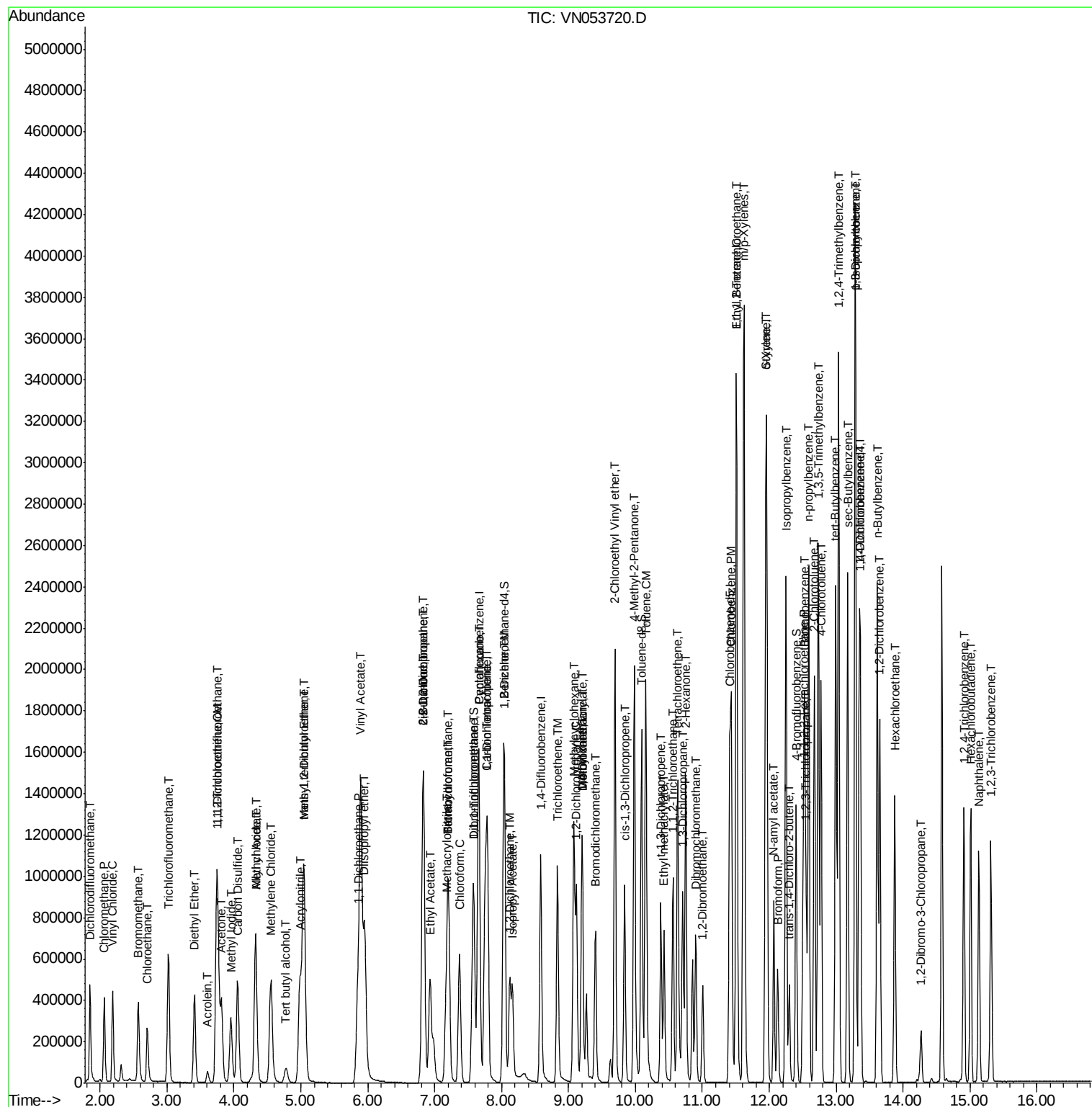
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	483403	54.675	ug/l	100
94) Hexachlorobutadiene	15.01	225	297389	54.011	ug/l	99
95) Naphthalene	15.13	128	989815	47.739	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	453665	55.300	ug/l	100

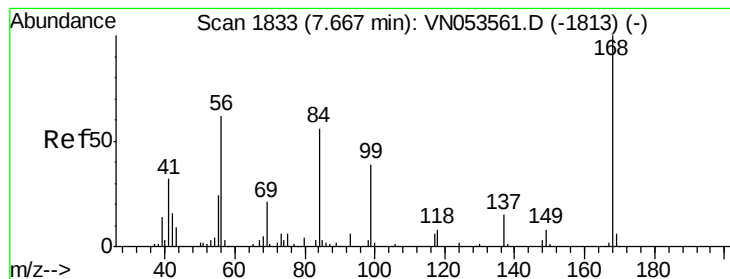
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

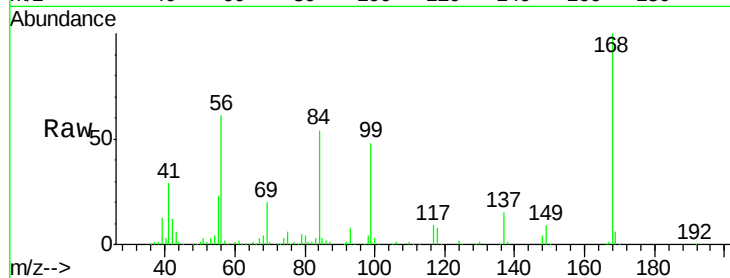
VSTDCCC050

Tot Ion:168 Resp: 754190

Ion Ratio Lower Upper

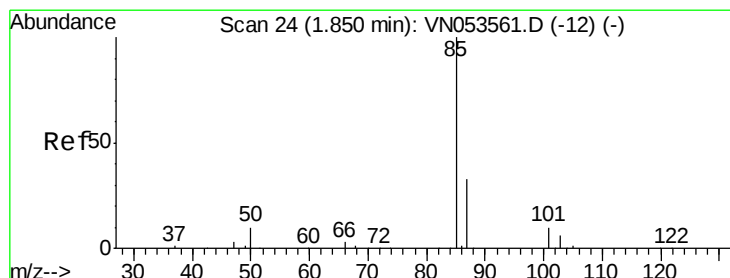
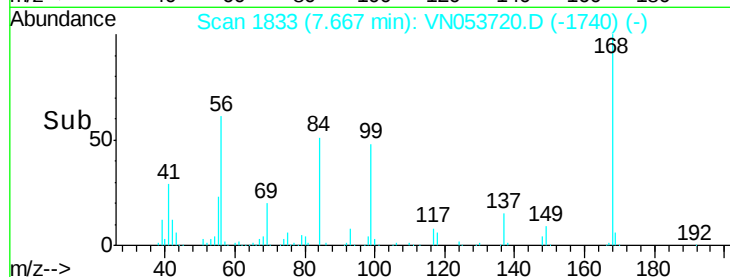
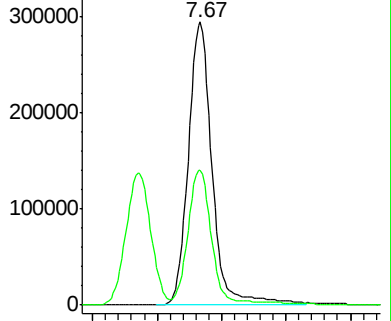
168 100

99 47.4 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: 46.681 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053720.D

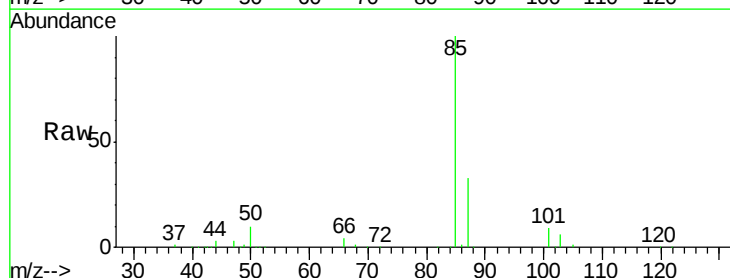
Acq: 12 Feb 2019 10:15

Tgt Ion: 85 Resp: 396712

Ion Ratio Lower Upper

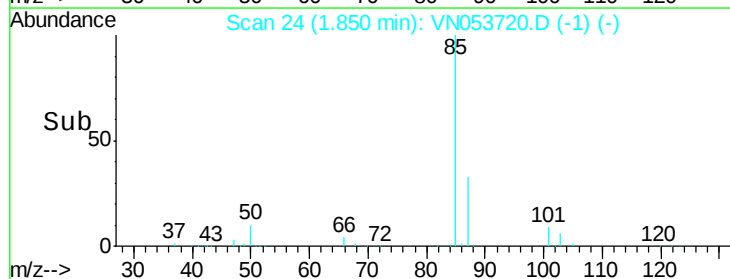
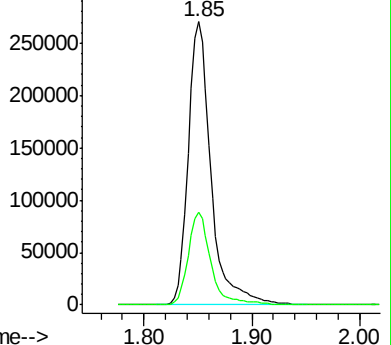
85 100

87 32.9 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: 47.222 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.01 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

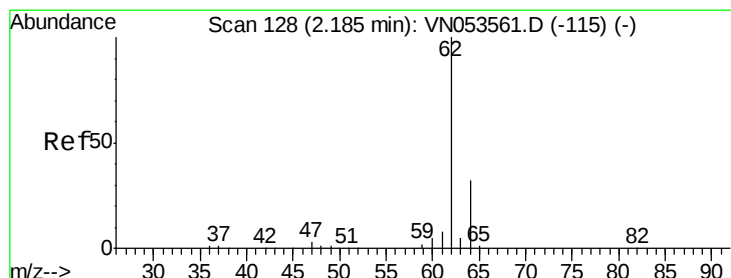
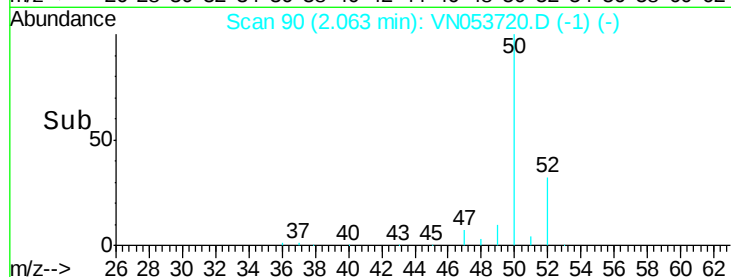
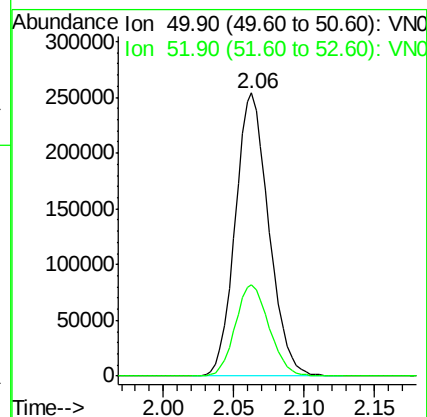
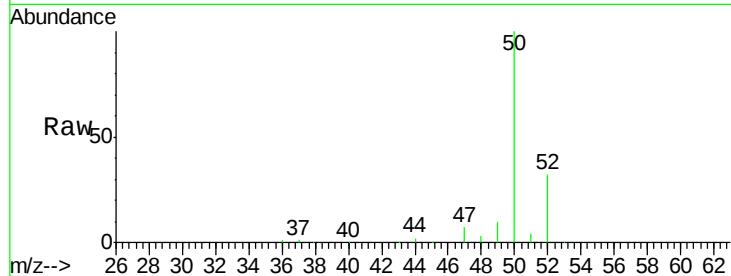
VSTDCCC050

Tot Ion: 50 Resp: 422814

Ion Ratio Lower Upper

50 100

52 32.3 26.6 40.0



#4

Vinyl Chloride

Concen: 48.398 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053720.D

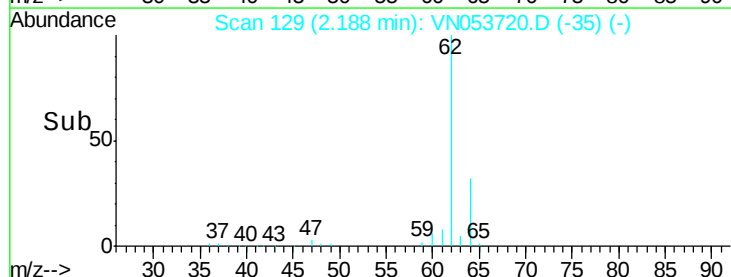
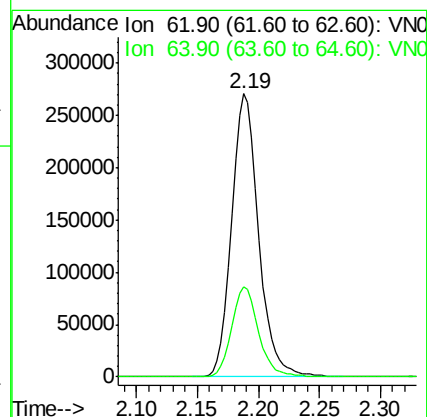
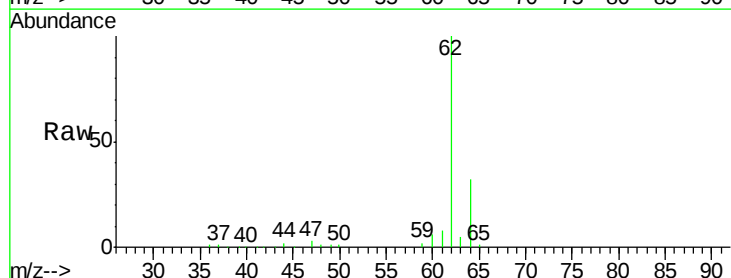
Acq: 12 Feb 2019 10:15

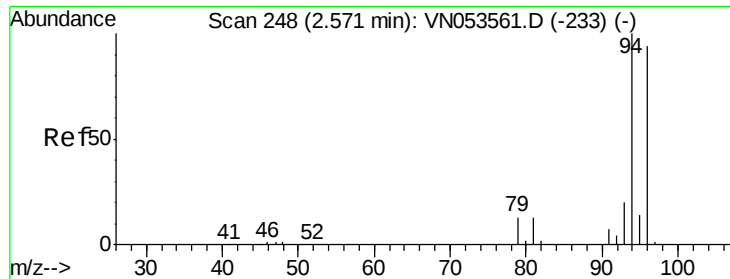
Tgt Ion: 62 Resp: 420666

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 49.110 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

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ClientSampleId :

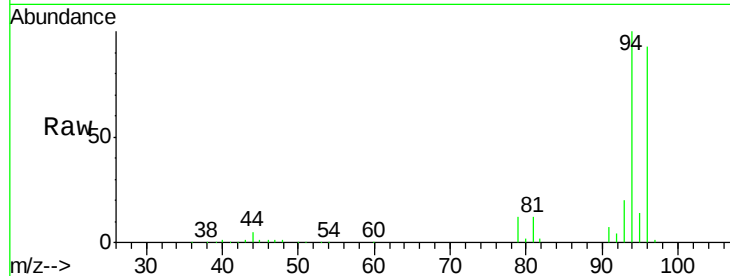
VSTDCCC050

Tot Ion: 94 Resp: 279096

Ion Ratio Lower Upper

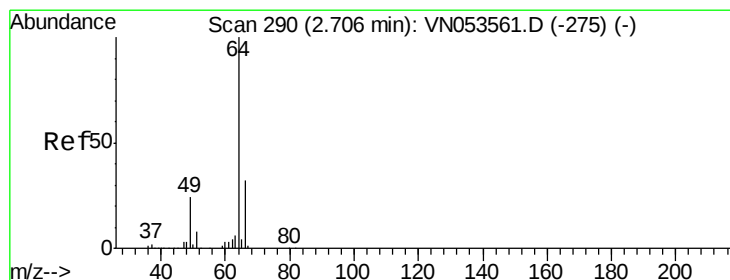
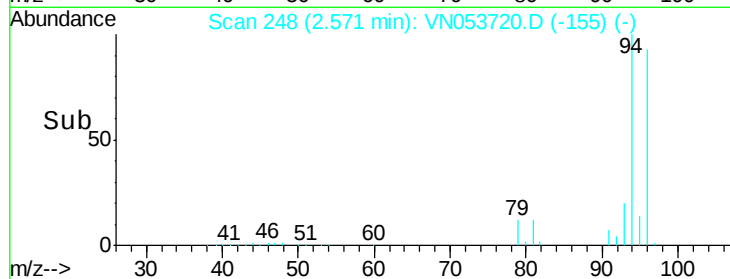
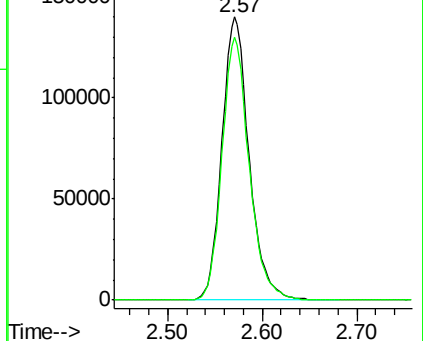
94 100

96 93.1 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 53.617 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN053720.D

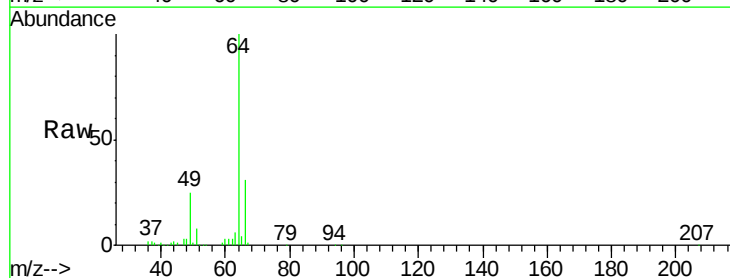
Acq: 12 Feb 2019 10:15

Tgt Ion: 64 Resp: 266313

Ion Ratio Lower Upper

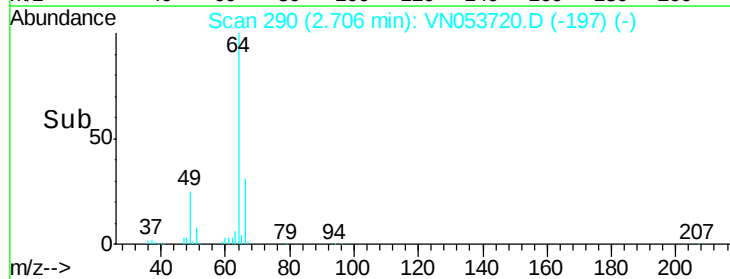
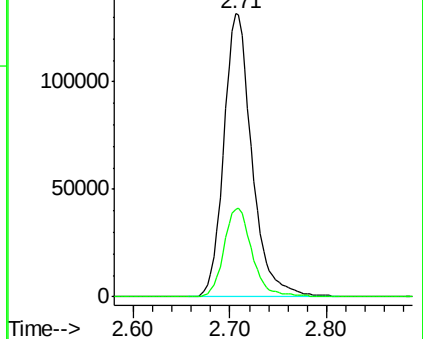
64 100

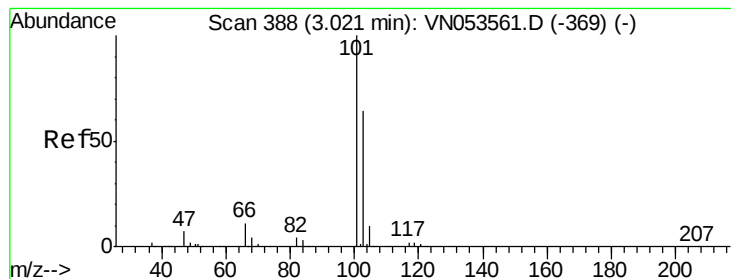
66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



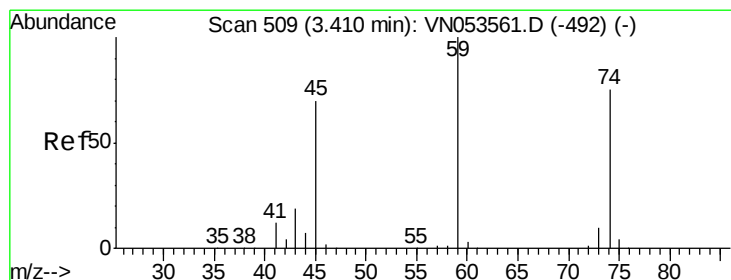
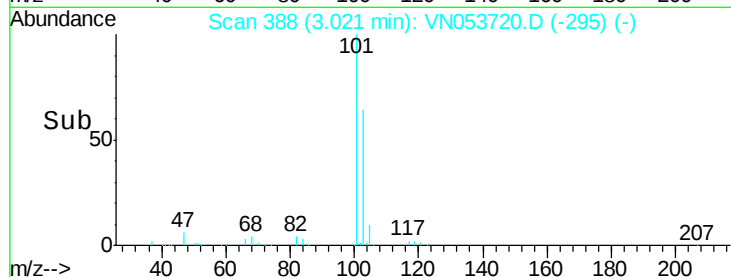
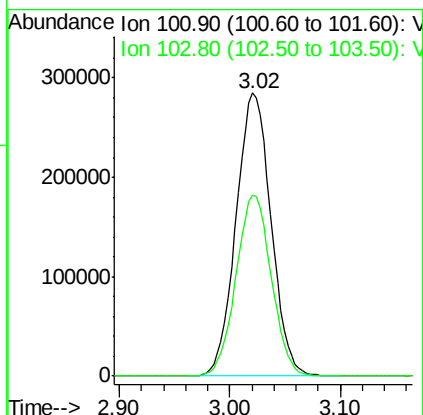
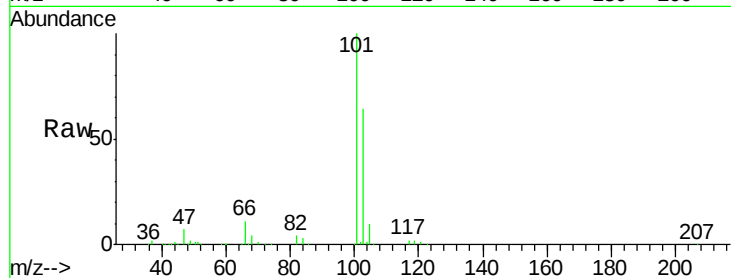


#7

Trichlorofluoromethane
 Concen: 53.169 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

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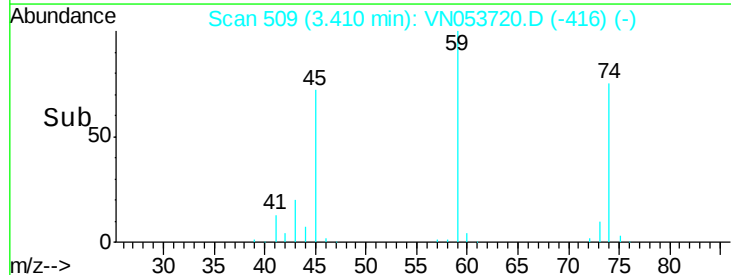
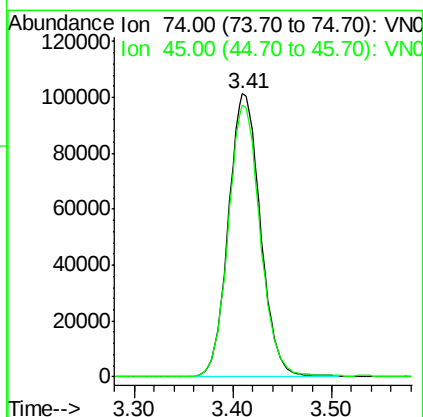
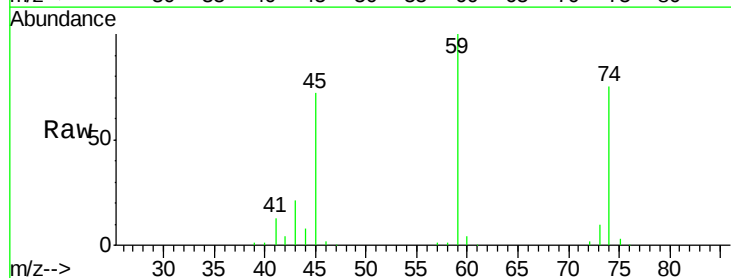
Tot Ion:101 Resp: 626692
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.6 77.4

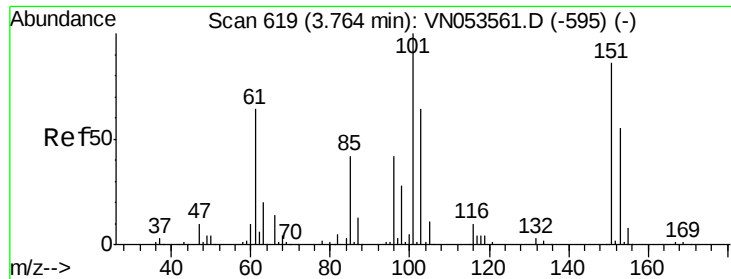


#8

Diethyl Ether
 Concen: 52.979 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion: 74 Resp: 228052
 Ion Ratio Lower Upper
 74 100
 45 95.0 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.054 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

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VSTDCCC050

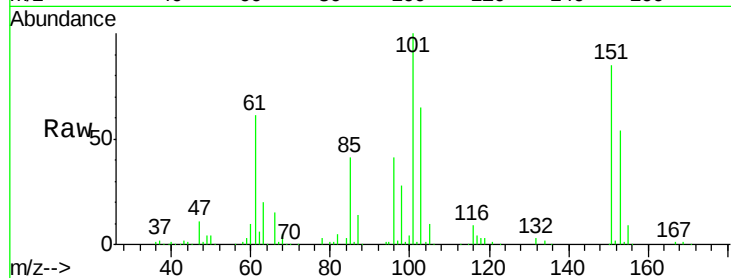
Tot Ion:101 Resp: 394030

Ion Ratio Lower Upper

101 100

85 41.1 32.8 49.2

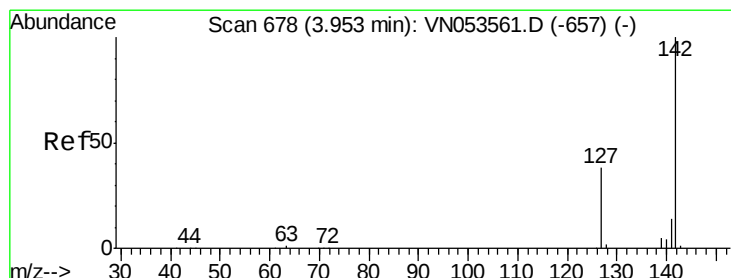
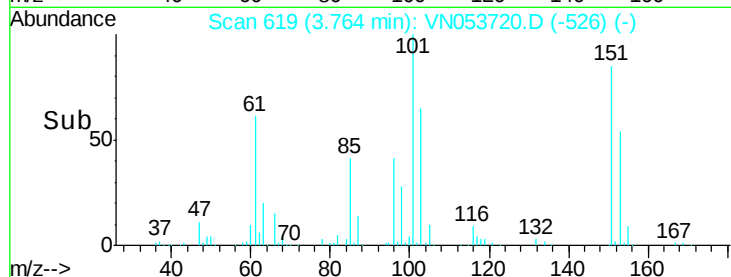
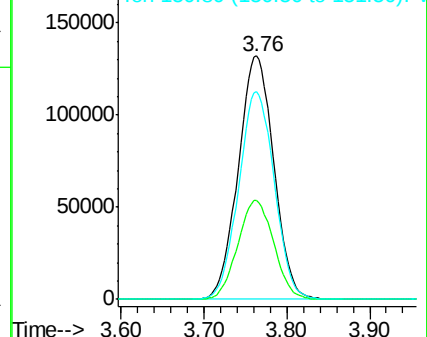
151 85.6 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.483 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

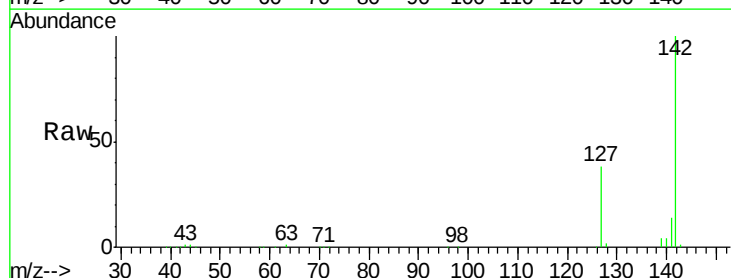
Tgt Ion:142 Resp: 531834

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

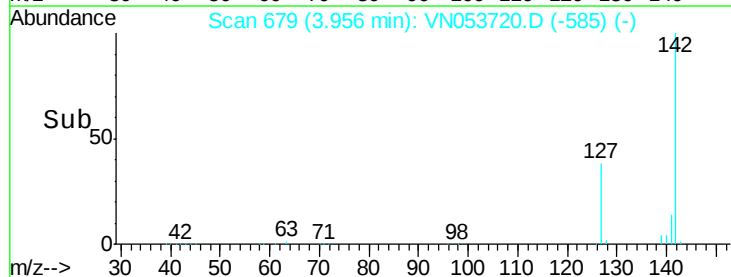
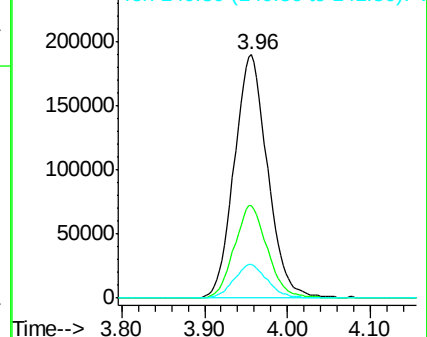
141 13.8 11.1 16.7

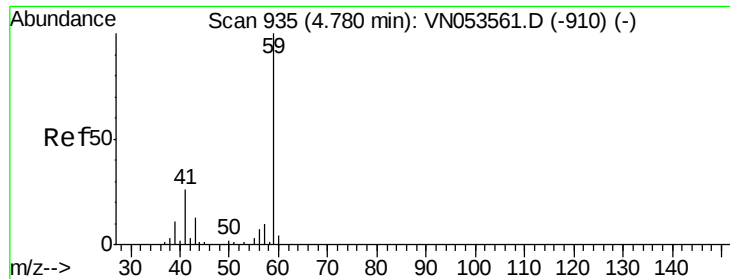


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

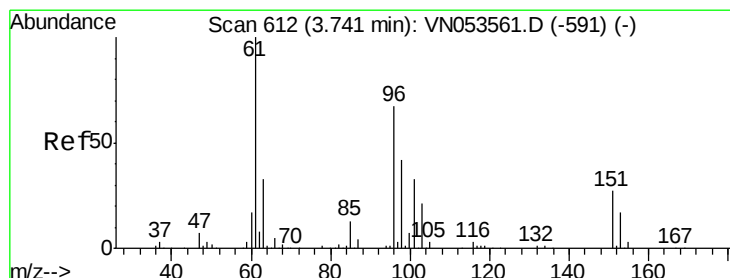
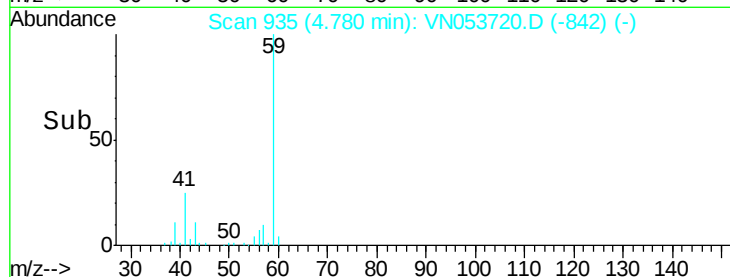
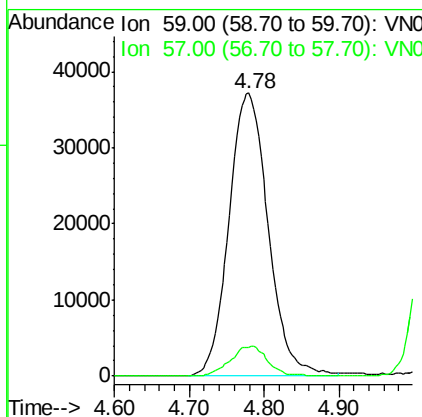
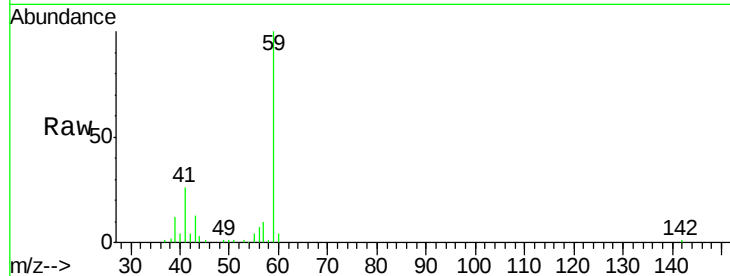




#11
Tert butyl alcohol
Concen: 303.249 ug/l
RT: 4.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

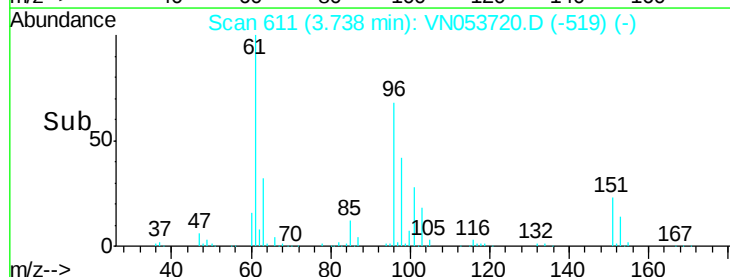
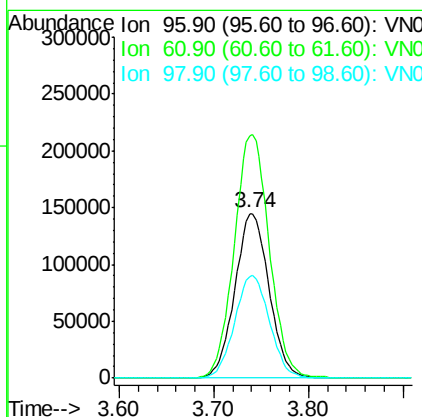
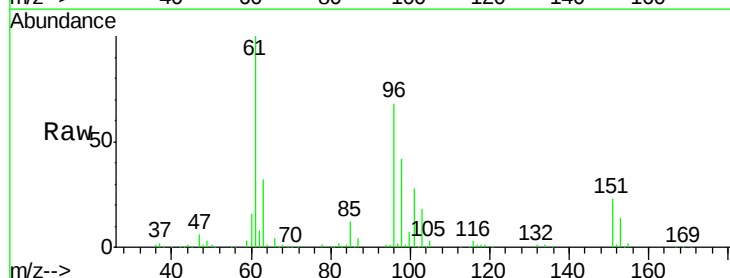
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

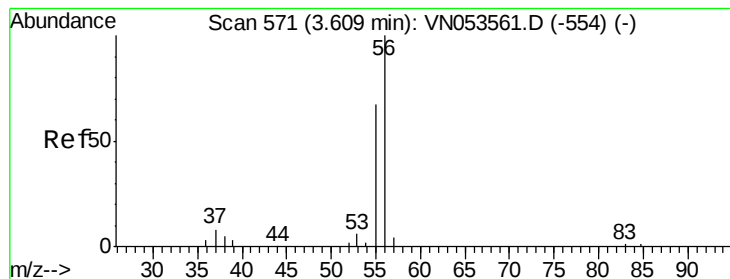
Tot Ion: 59 Resp: 135787
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.079 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion: 96 Resp: 363717
Ion Ratio Lower Upper
96 100
61 147.5 122.9 184.3
98 61.9 49.4 74.0





#13

Acrolein

Concen: 259.006 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

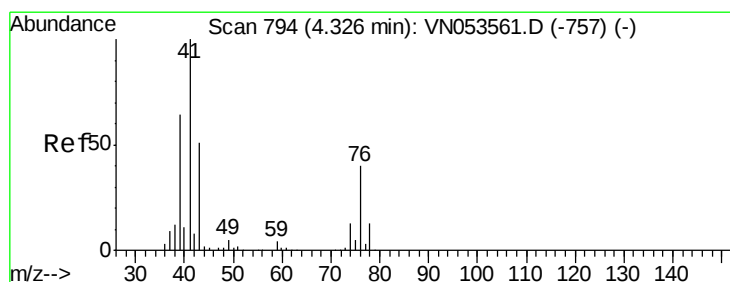
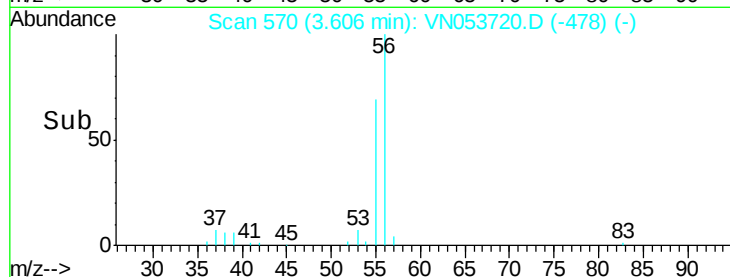
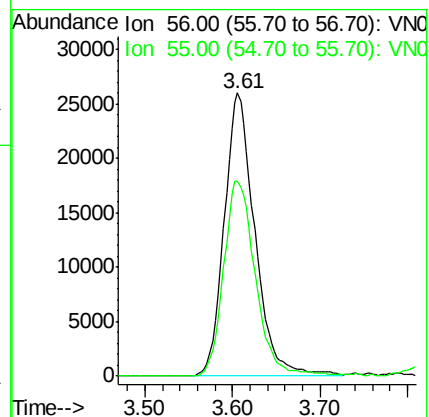
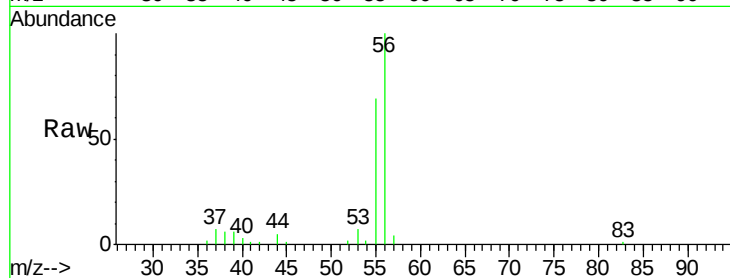
VSTDCCC050

Tot Ion: 56 Resp: 63144

Ion Ratio Lower Upper

56 100

55 70.7 57.4 86.0



#14

Allyl chloride

Concen: 52.425 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

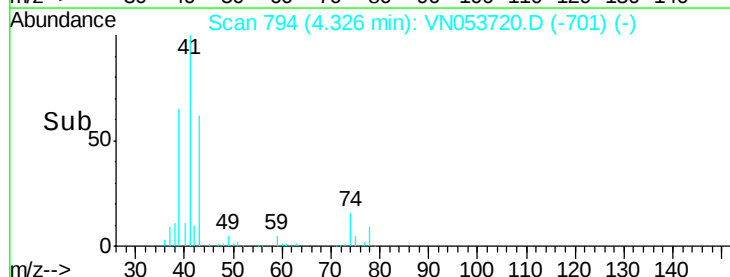
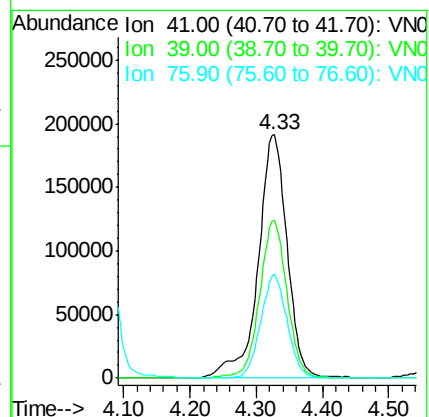
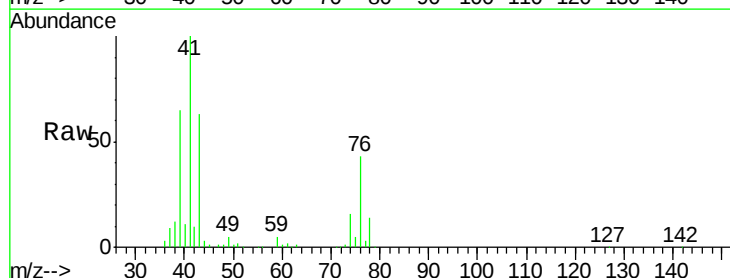
Tgt Ion: 41 Resp: 582961

Ion Ratio Lower Upper

41 100

39 61.2 48.9 73.3

76 38.4 29.4 44.2





#15

Acrylonitrile

Concen: 272.524 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

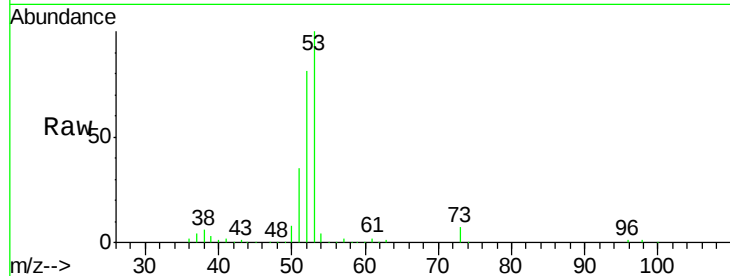
Tot Ion: 53 Resp: 658774

Ion Ratio Lower Upper

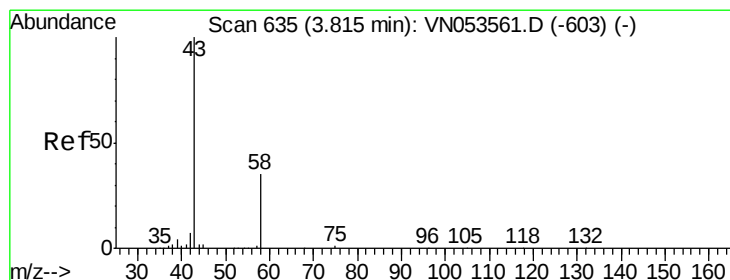
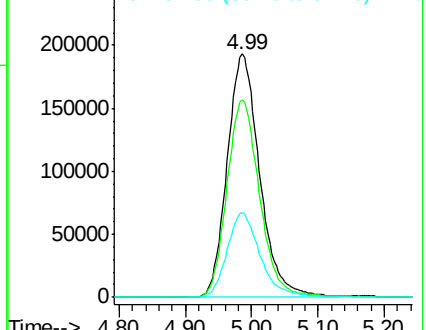
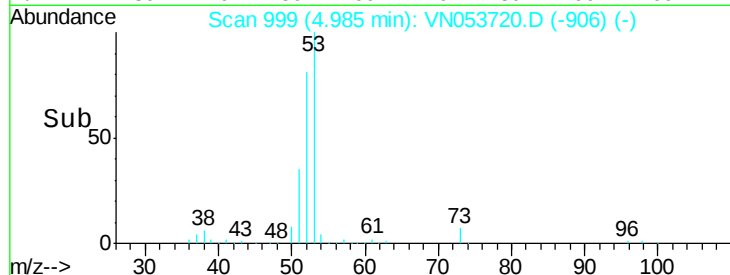
53 100

52 80.9 66.0 99.0

51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN053720.D (-906) (-)



#16

Acetone

Concen: 322.494 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN053720.D

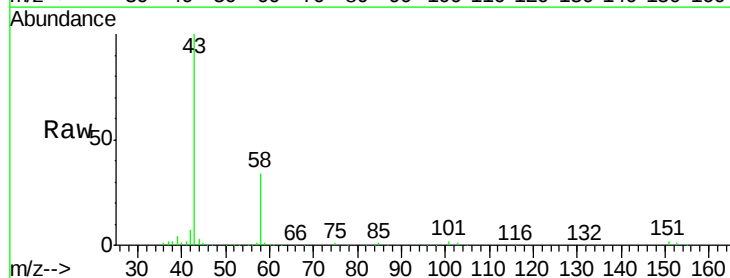
Acq: 12 Feb 2019 10:15

Tgt Ion: 43 Resp: 625862

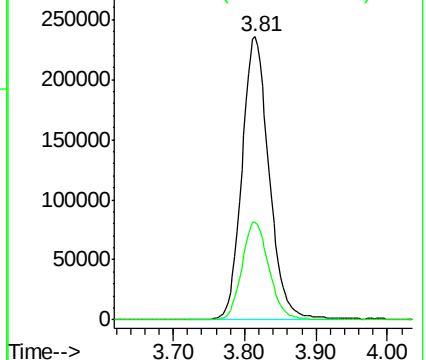
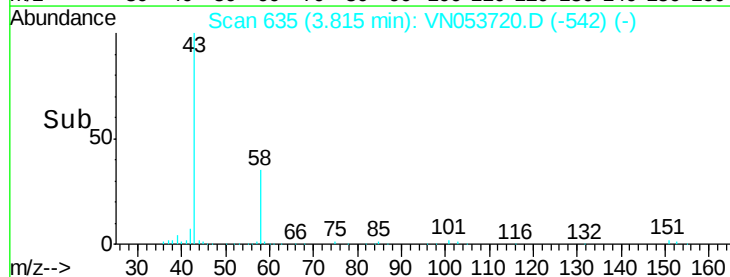
Ion Ratio Lower Upper

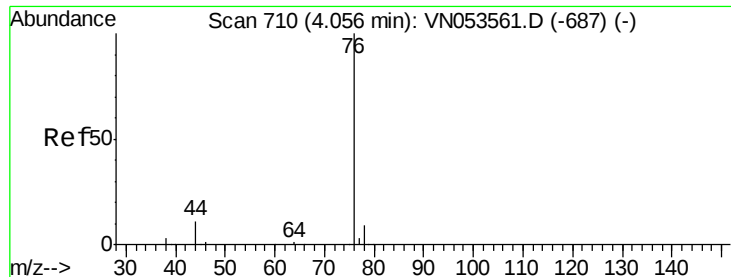
43 100

58 34.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053720.D (-542) (-)

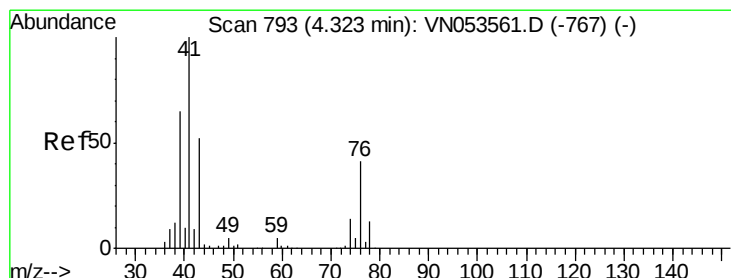
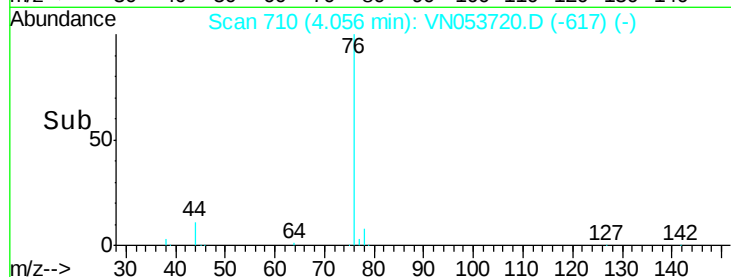
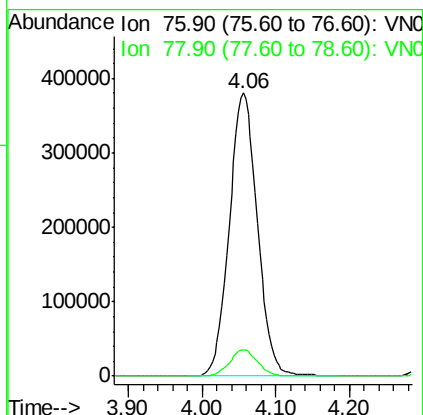
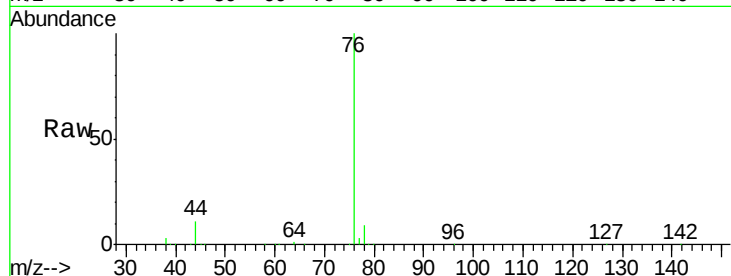




#17
Carbon Disulfide
Concen: 46.325 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

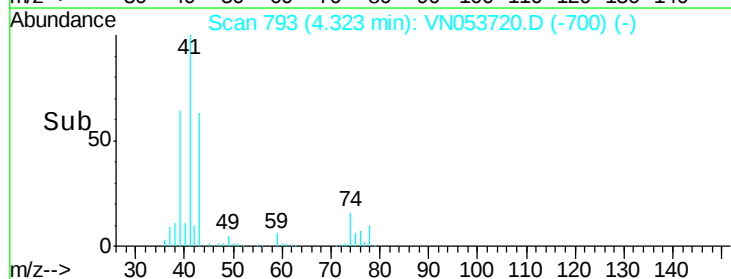
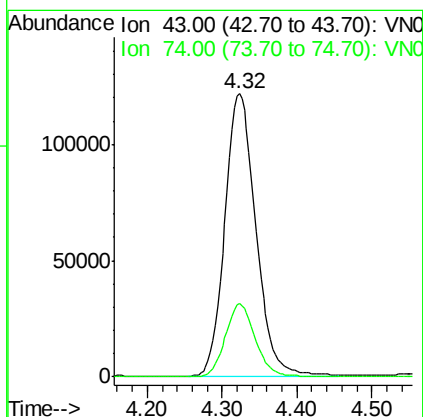
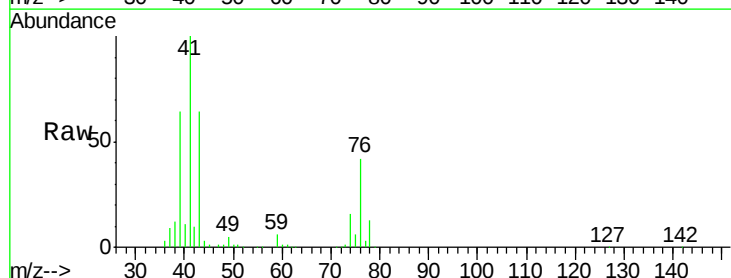
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

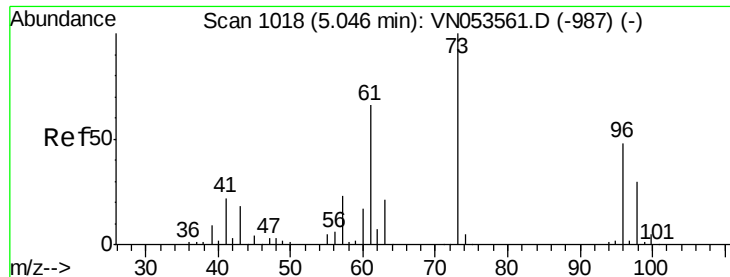
Tot Ion: 76 Resp: 1007413
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 60.609 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion: 43 Resp: 348342
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2

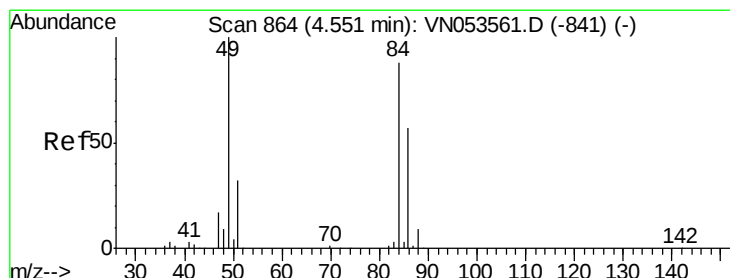
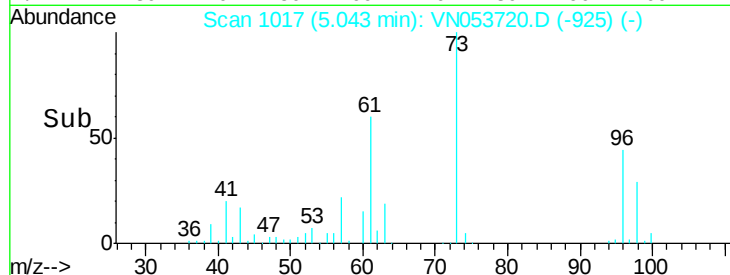
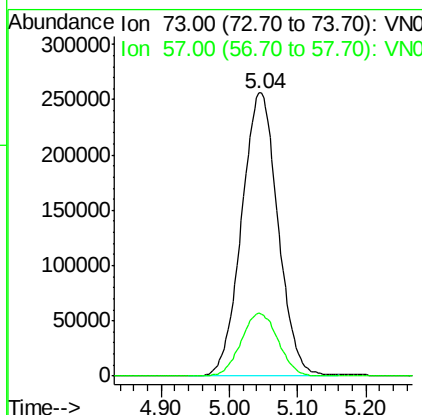
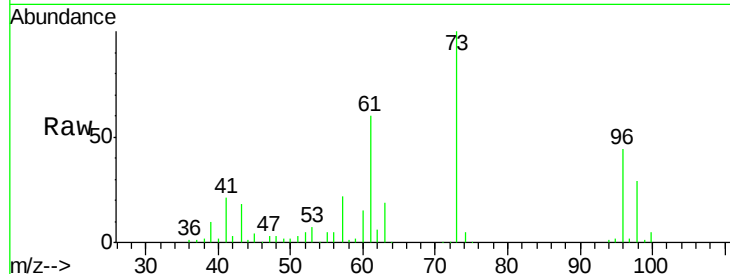




#19
Methyl tert-butyl Ether
Concen: 53.619 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

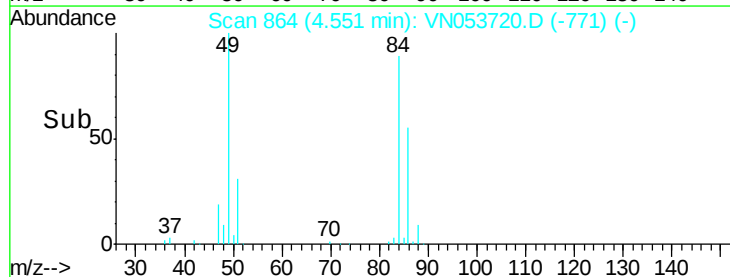
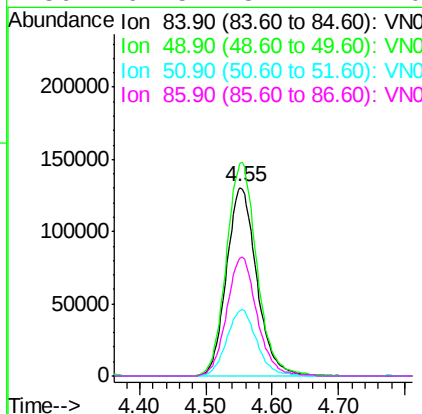
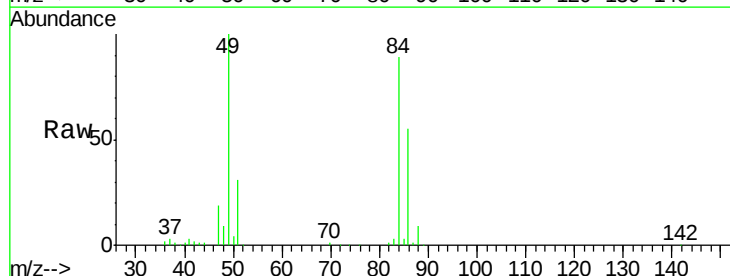
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

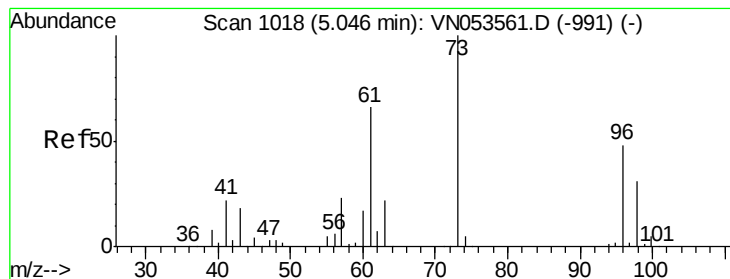
Tot Ion: 73 Resp: 949309
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 50.905 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion: 84 Resp: 414471
Ion Ratio Lower Upper
84 100
49 112.6 94.3 141.5
51 34.9 29.4 44.2
86 62.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 48.393 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

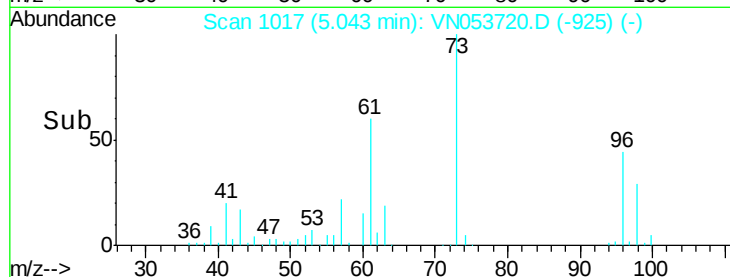
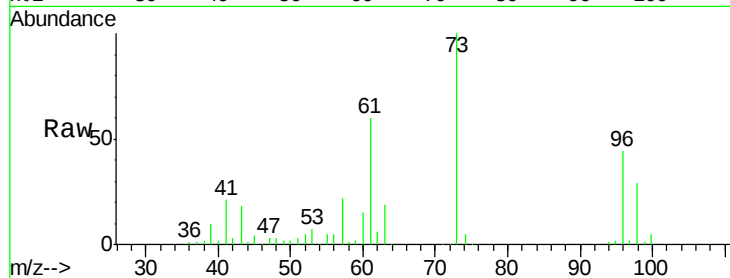
Tot Ion: 96 Resp: 364628

Ion Ratio Lower Upper

96 100

61 135.6 110.1 165.1

98 64.5 50.0 75.0

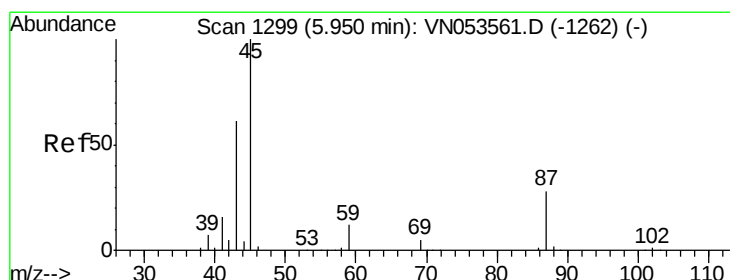
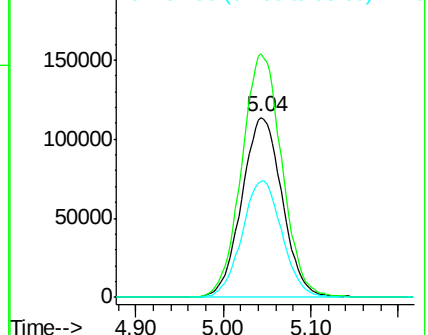


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.900 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Tgt Ion: 45 Resp: 1089983

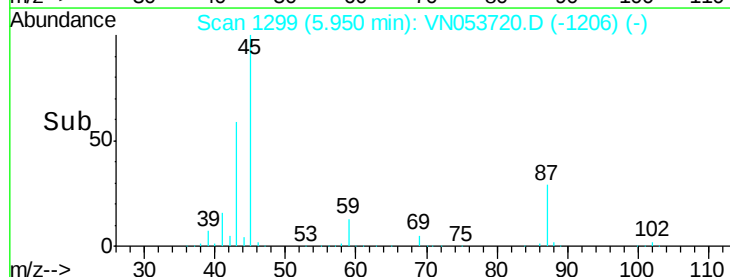
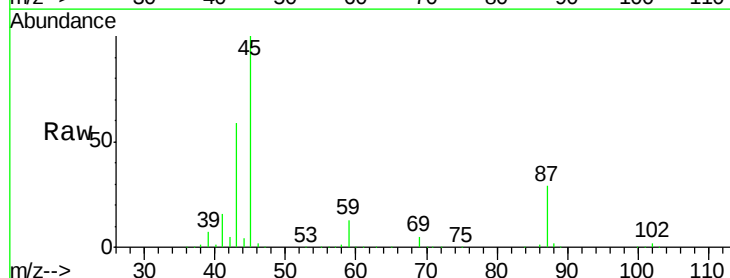
Ion Ratio Lower Upper

45 100

43 58.3 44.2 66.4

87 28.5 22.7 34.1

59 12.7 9.4 14.2



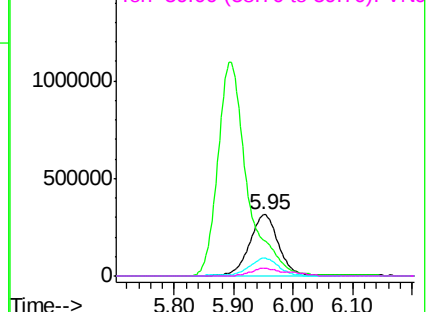
Abundance

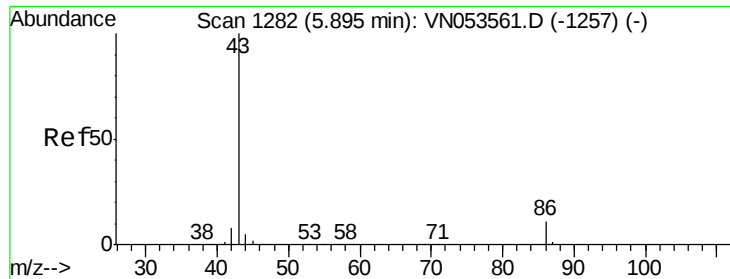
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

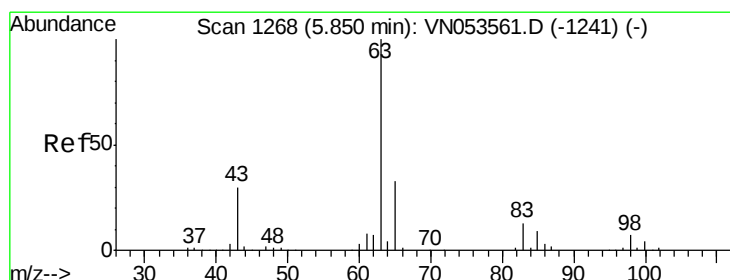
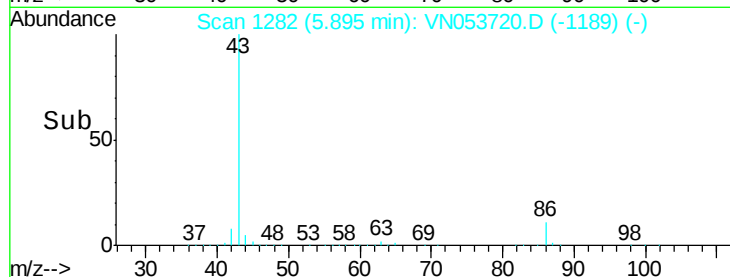
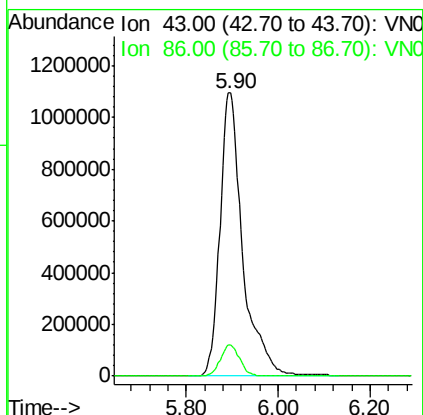
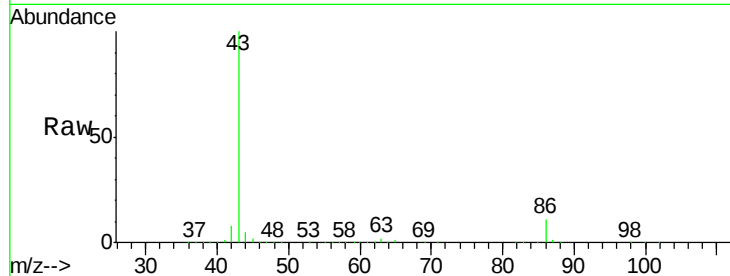




#23
 Vinyl Acetate
 Concen: 264.597 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

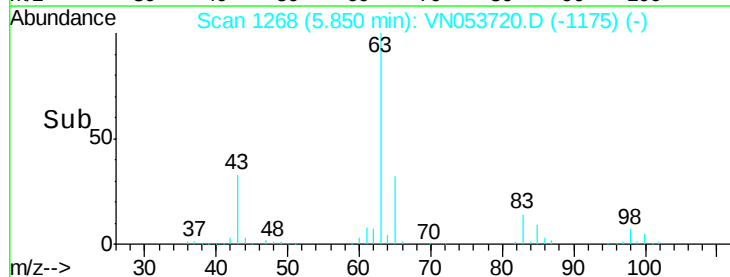
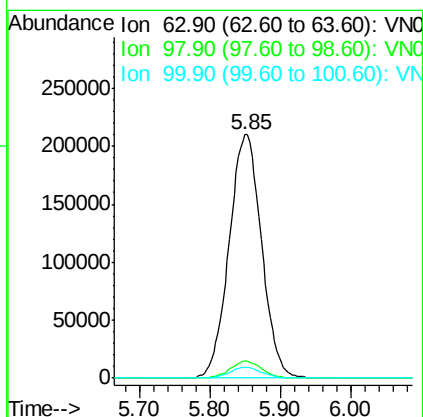
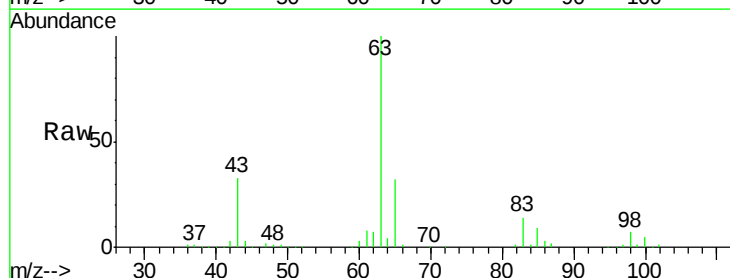
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

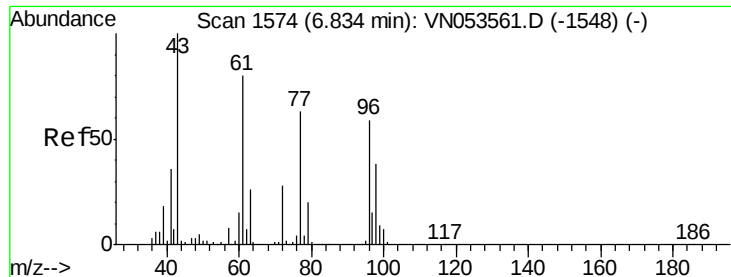
Tot Ion: 43 Resp: 3771521
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 49.181 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion: 63 Resp: 675897
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.6 2.1 6.5

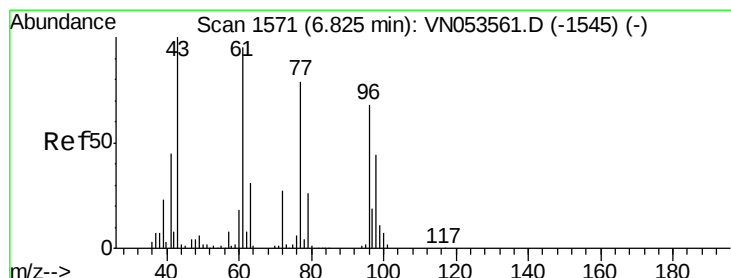
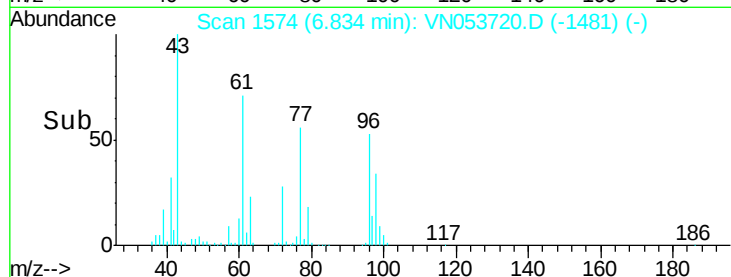
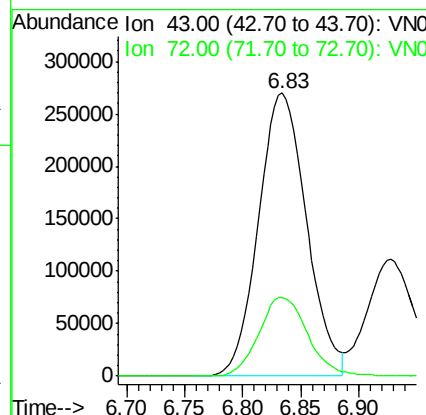
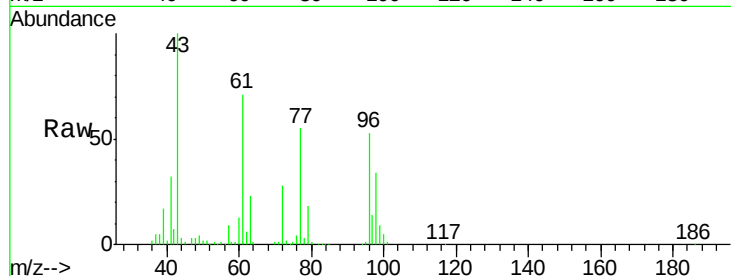




#25
 2-Butanone
 Concen: 280.445 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

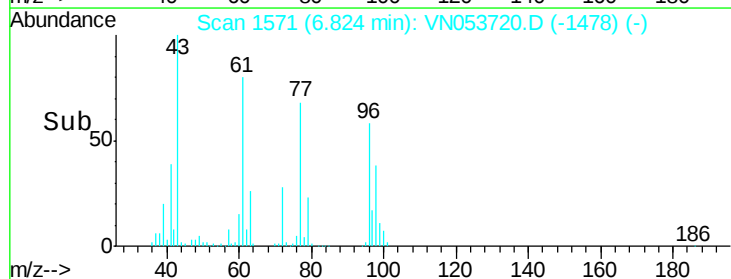
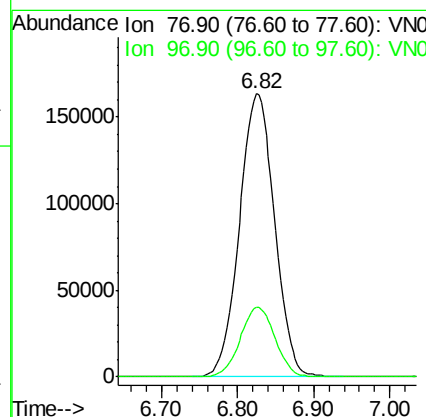
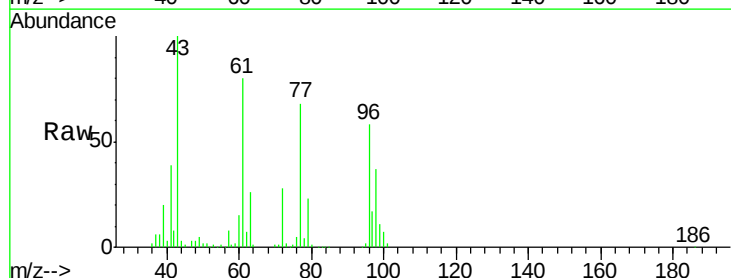
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

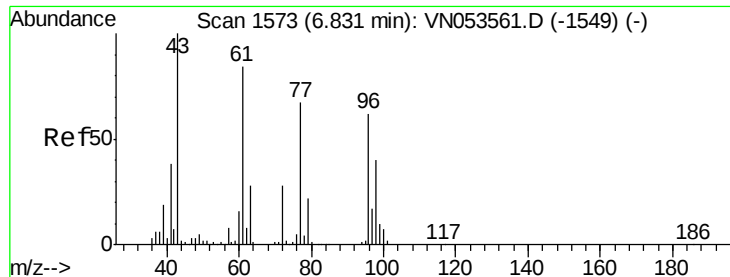
Tot Ion: 43 Resp: 776232
 Ion Ratio Lower Upper
 43 100
 72 27.7 22.0 33.0



#26
 2,2-Dichloropropane
 Concen: 50.010 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion: 77 Resp: 524646
 Ion Ratio Lower Upper
 77 100
 97 24.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 50.998 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

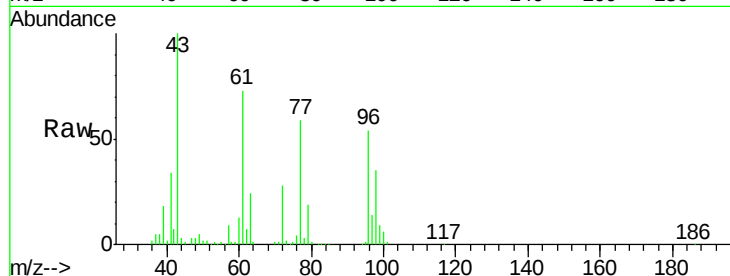
Tot Ion: 96 Resp: 427277

Ion Ratio Lower Upper

96 100

61 136.8 0.0 283.8

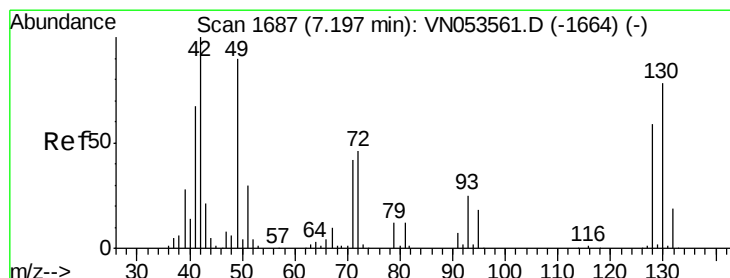
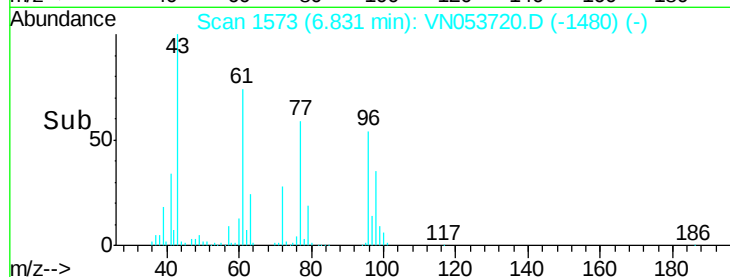
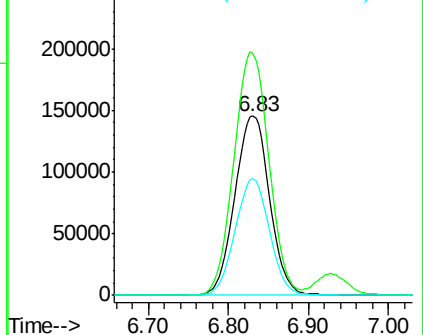
98 64.4 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053720.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN053720.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN053720.D (-1480) (-)



#28

Bromochloromethane

Concen: 50.523 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

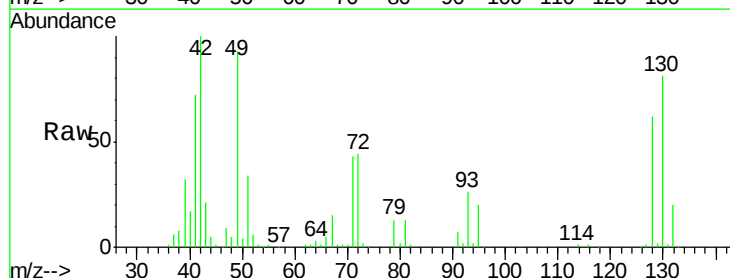
Tgt Ion: 49 Resp: 301312

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

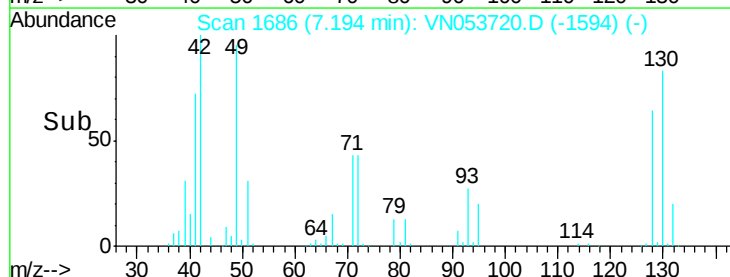
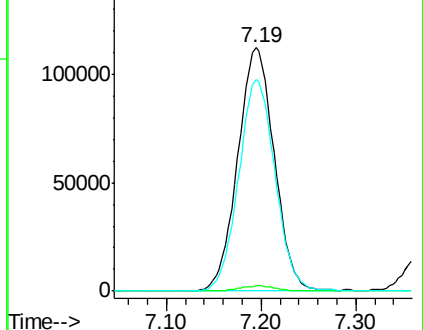
130 86.5 66.3 99.5



Abundance Ion 48.90 (48.60 to 49.60): VN053720.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN053720.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN053720.D (-1594) (-)

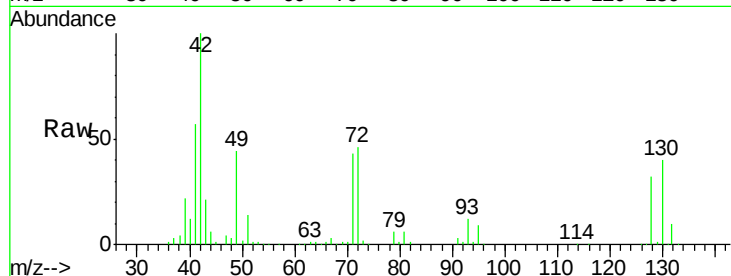




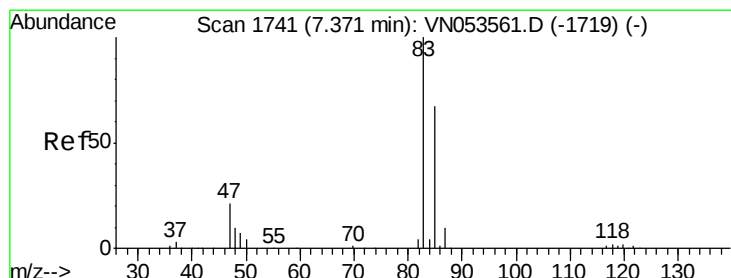
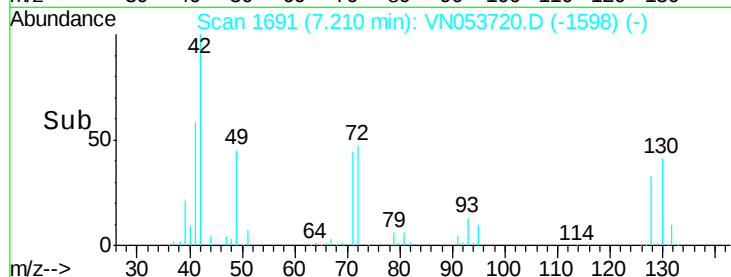
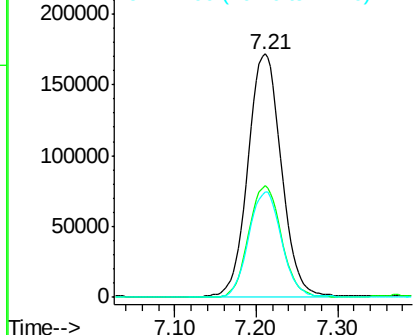
#29
Tetrahydrofuran
Concen: 272.959 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 485136
Ion Ratio Lower Upper
42 100
72 45.1 35.2 52.8
71 42.7 33.0 49.4

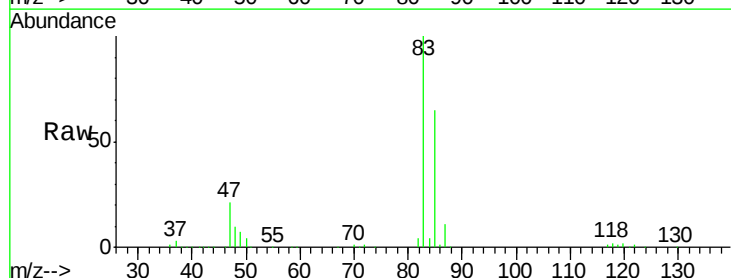


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

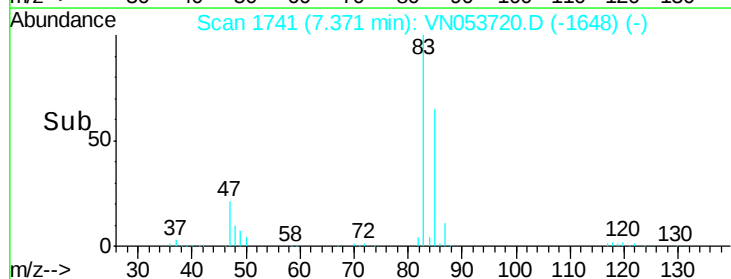
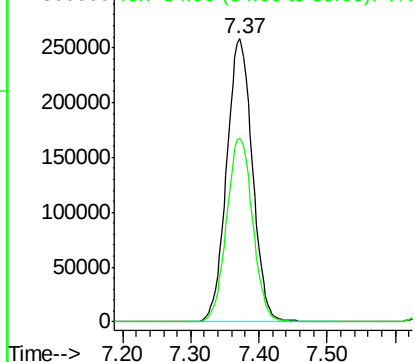


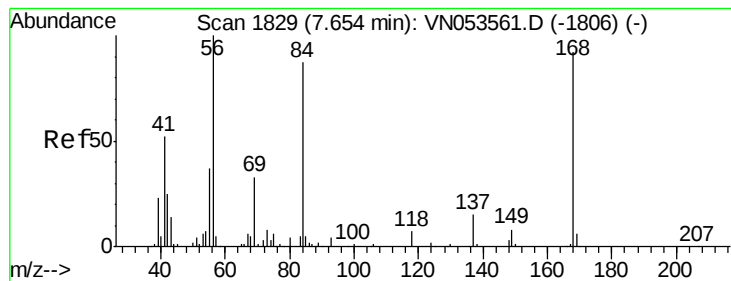
#30
Chloroform
Concen: 49.699 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion: 83 Resp: 677068
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.2



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





#31

Cyclohexane

Concen: 46.956 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

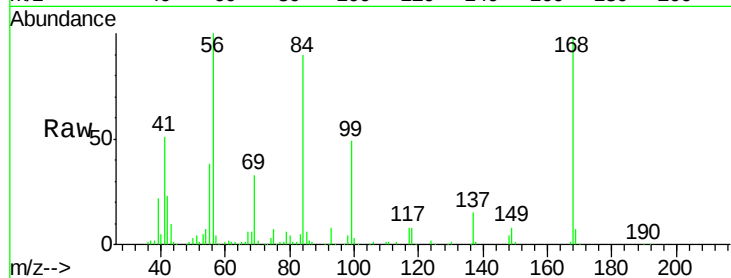
Tot Ion: 56 Resp: 600945

Ion Ratio Lower Upper

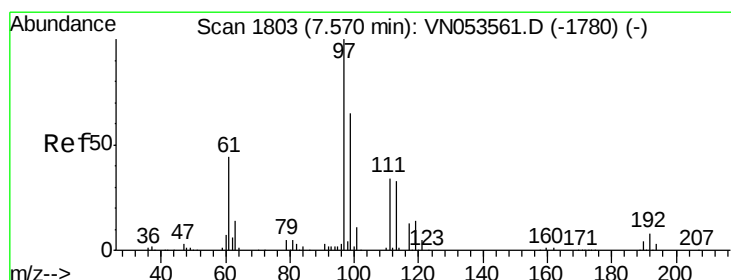
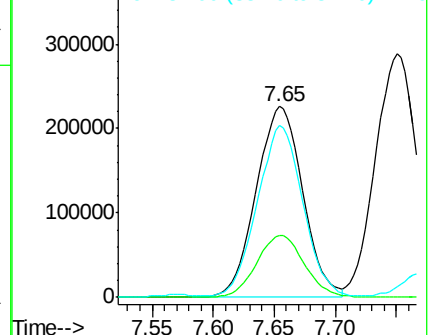
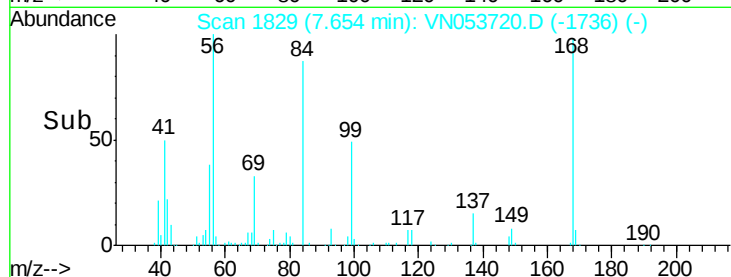
56 100

69 32.7 26.4 39.6

84 88.8 67.9 101.9



Abundance Ion 56.00 (55.70 to 56.70): VN053720.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 50.436 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

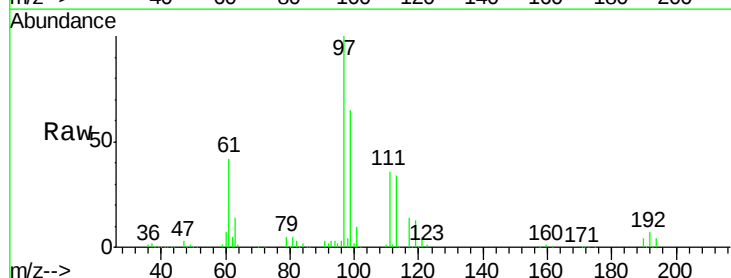
Tgt Ion: 97 Resp: 571816

Ion Ratio Lower Upper

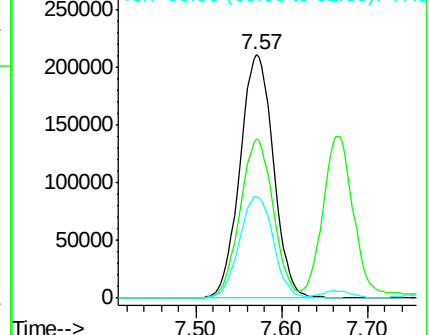
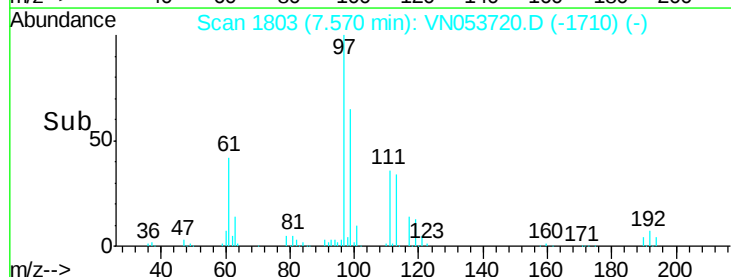
97 100

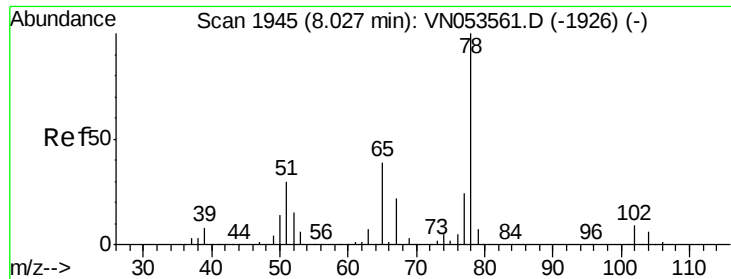
99 64.6 52.0 78.0

61 42.4 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VN053720.D (-1710) (-)

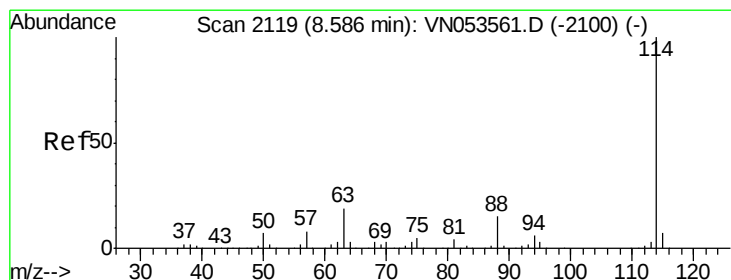
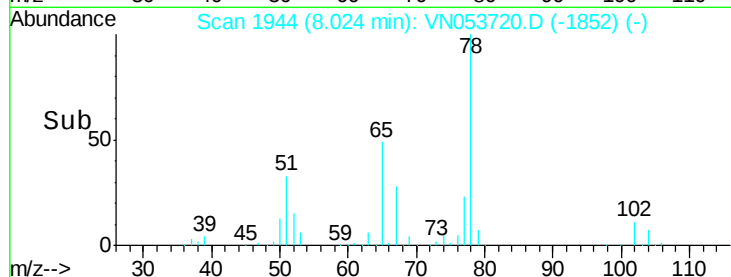
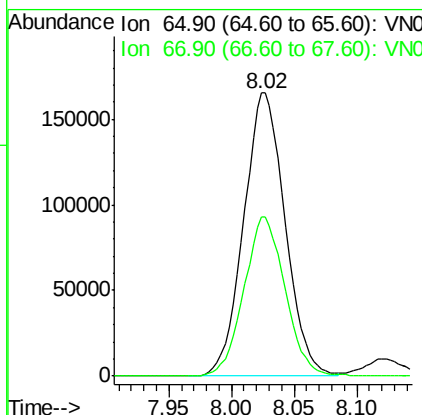
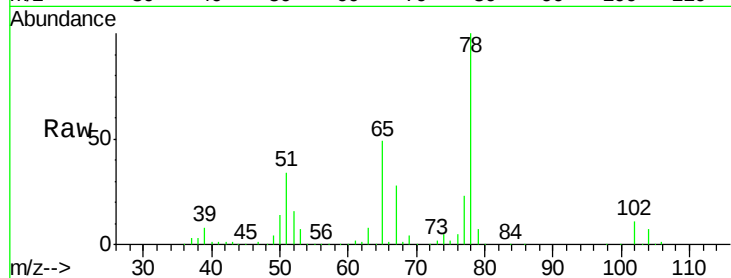




#33
 1,2-Dichloroethane-d4
 Concen: 50.287 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

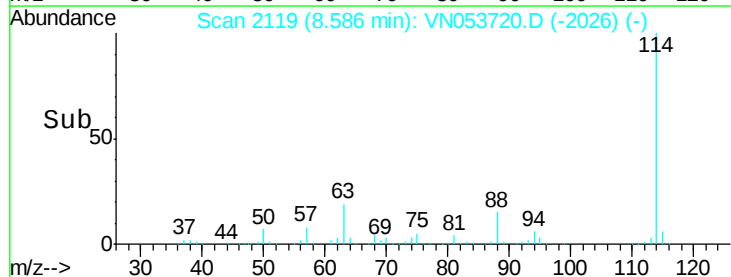
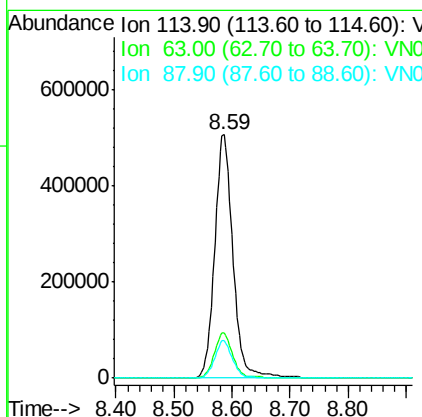
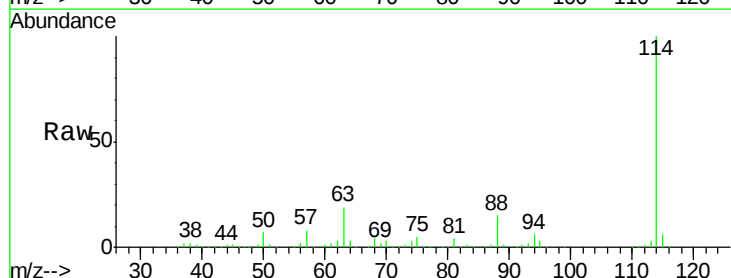
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

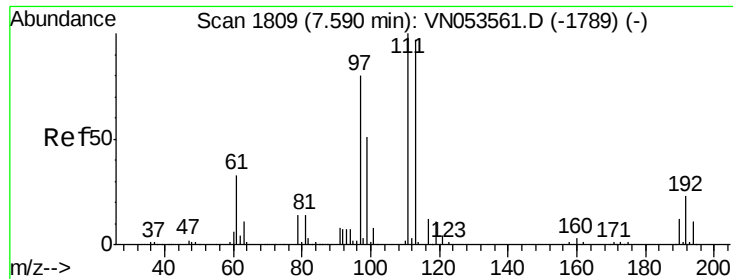
Tot Ion: 65 Resp: 380470
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion: 114 Resp: 1106907
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.3 0.0 30.4

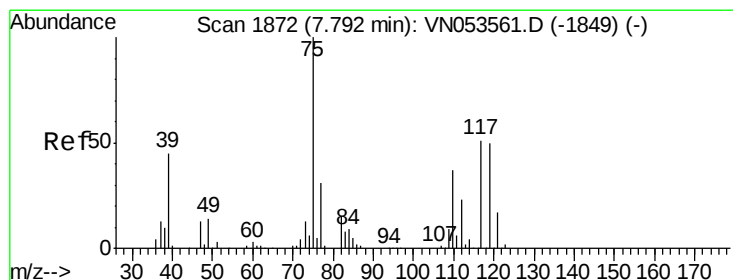
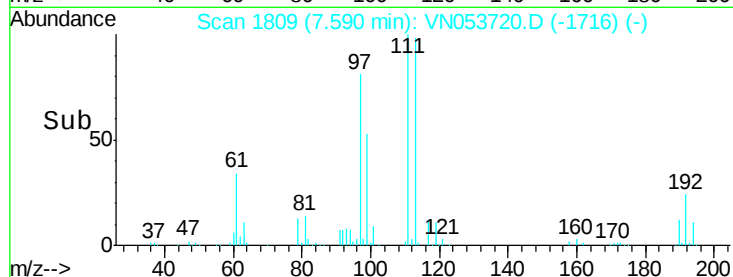
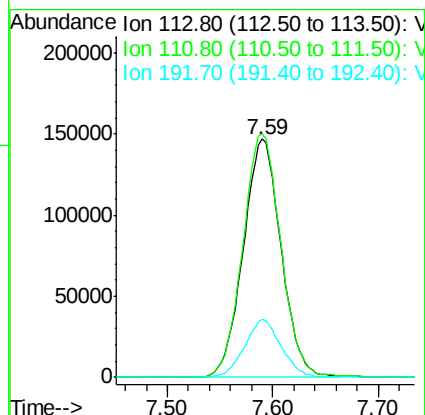
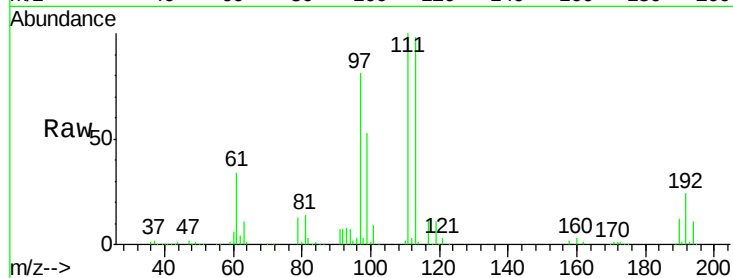




#35
Dibromofluoromethane
Concen: 52.399 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

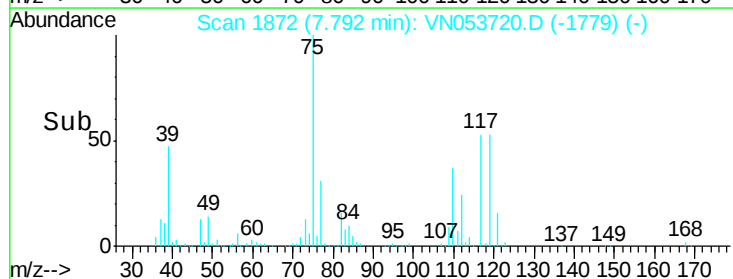
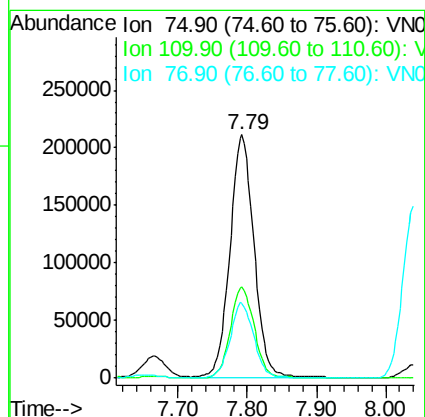
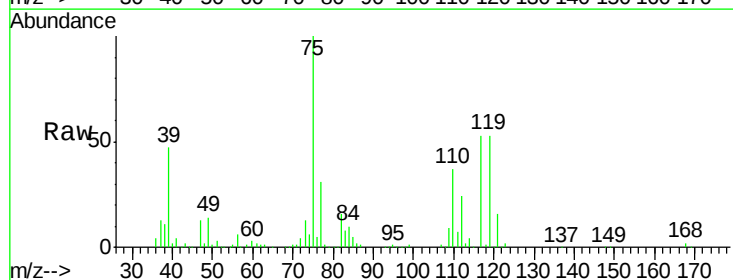
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

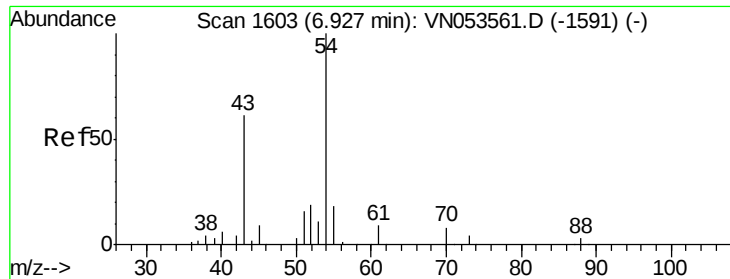
Tot Ion:113 Resp: 366491
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 23.6 18.2 27.2



#36
1,1-Dichloropropene
Concen: 51.643 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion: 75 Resp: 515295
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.3
77 30.6 25.1 37.7

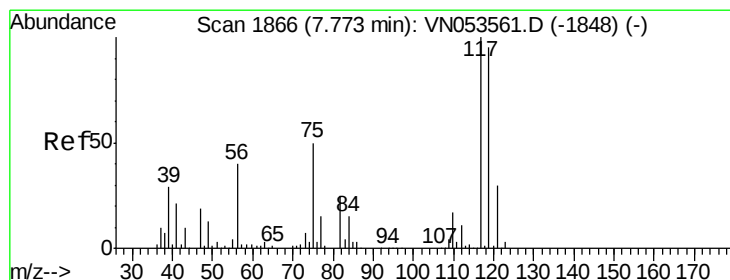
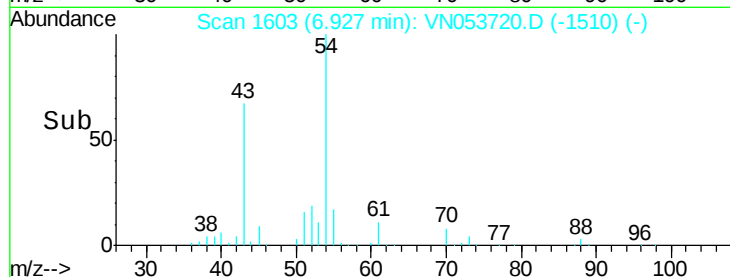
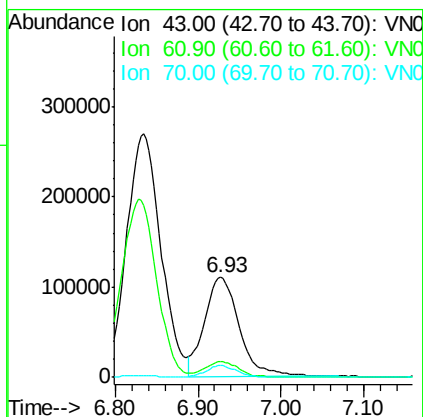
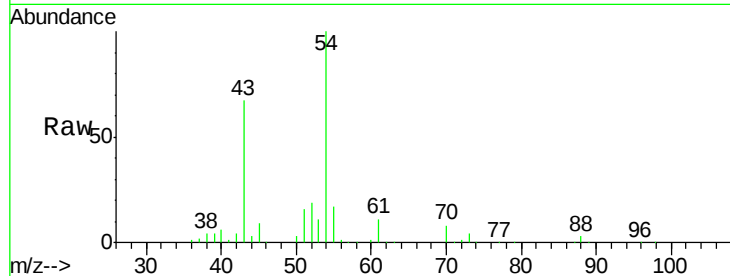




#37
Ethyl Acetate
Concen: 57.979 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

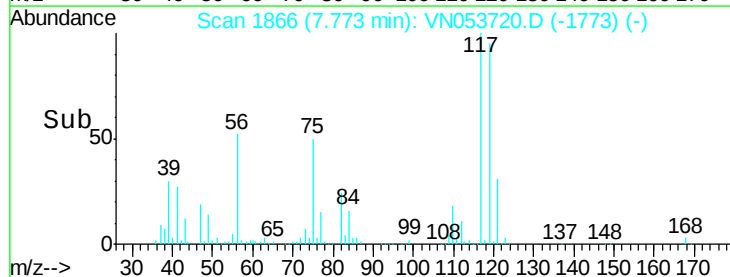
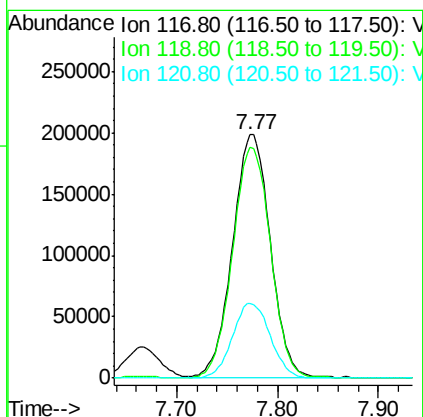
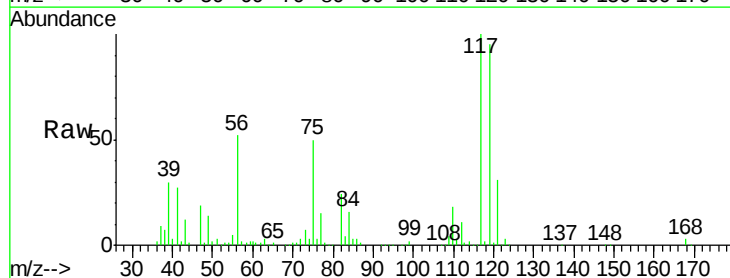
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 323105
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 10.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 50.922 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion: 117 Resp: 511864
Ion Ratio Lower Upper
117 100
119 95.0 77.2 115.8
121 30.9 24.6 37.0

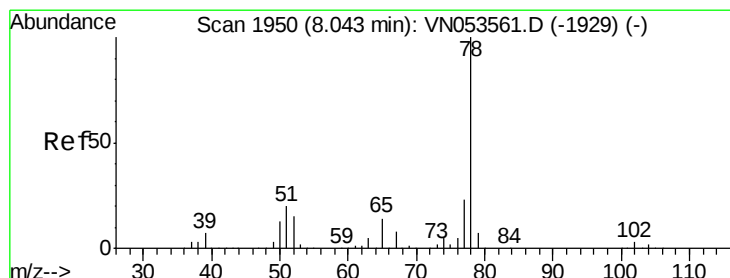
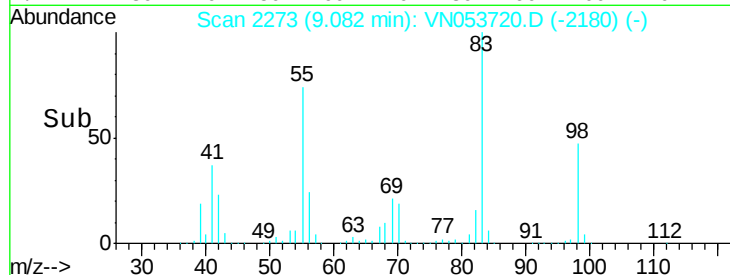
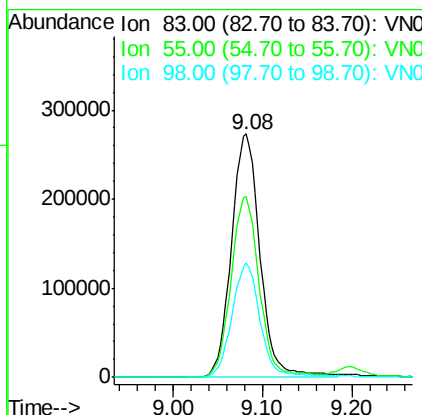
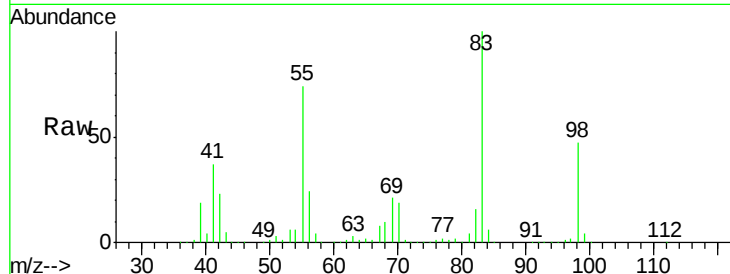




#39
Methvlcvclohexane
Concen: 51.356 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

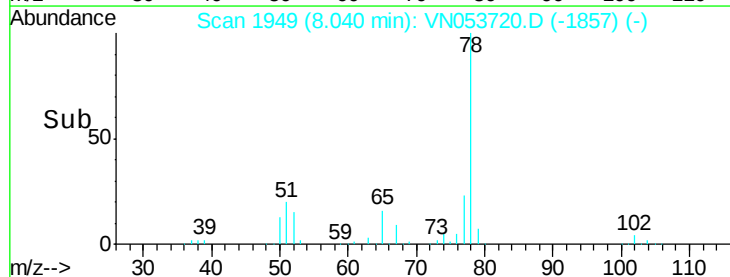
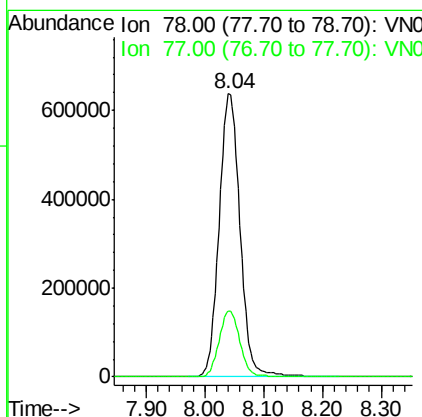
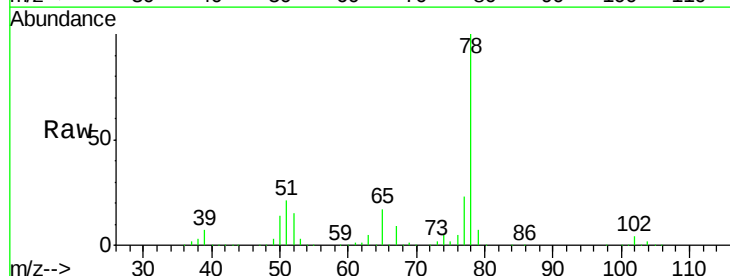
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

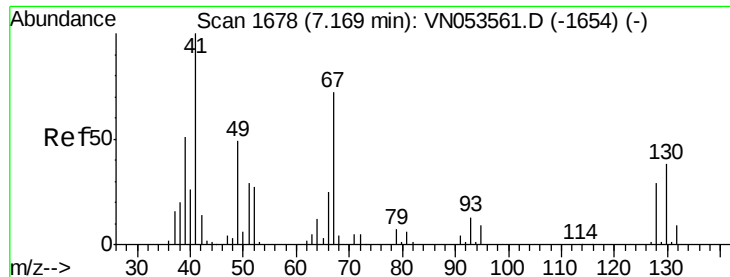
Tot Ion	83	Resp	607947
Ion Ratio	Lower	Upper	
83	100		
55	74.1	60.1	90.1
98	46.7	36.6	55.0



#40
Benzene
Concen: 50.740 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion	78	Resp	1561264
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.8	28.2

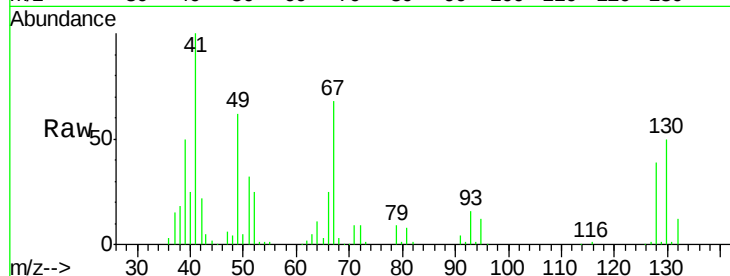




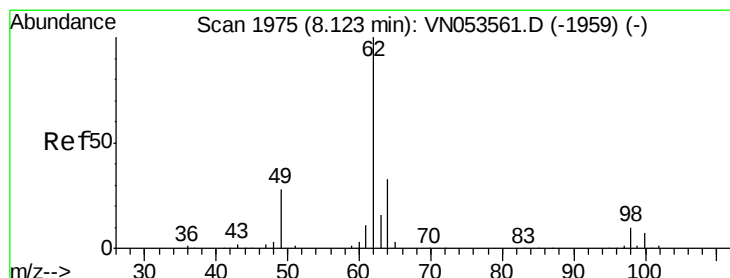
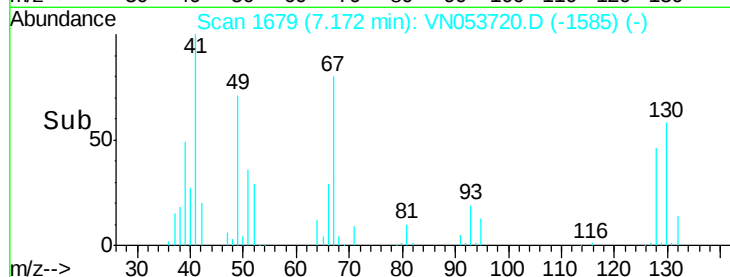
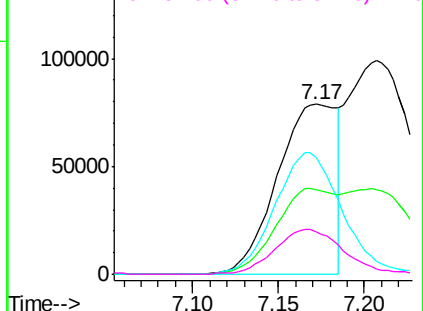
#41
Methacrylonitrile
Concen: 60.525 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	188512
Ion	Ratio	Lower	Upper
41	100		
39	50.7	46.8	70.2
67	81.5	63.0	94.6
52	31.0	23.8	35.8

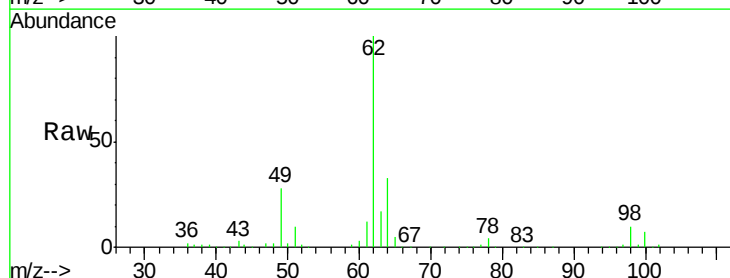


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

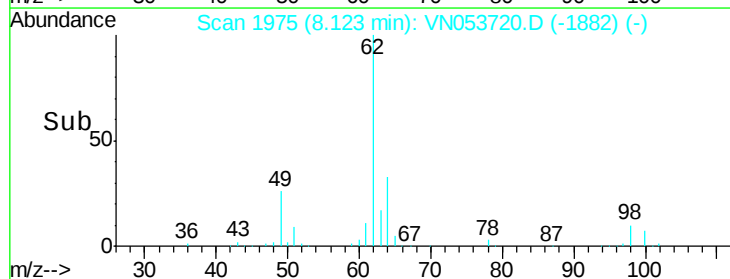
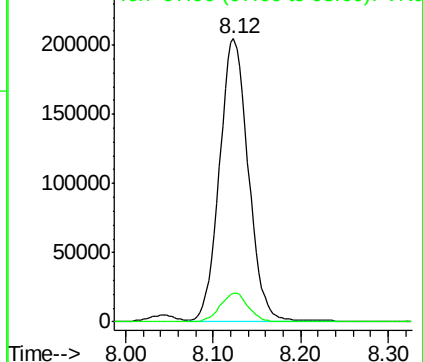


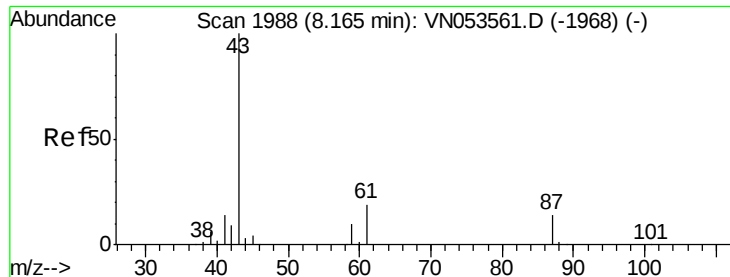
#42
1,2-Dichloroethane
Concen: 51.187 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion:	62	Resp:	467659
Ion	Ratio	Lower	Upper
62	100		
98	10.0	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: 51.863 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

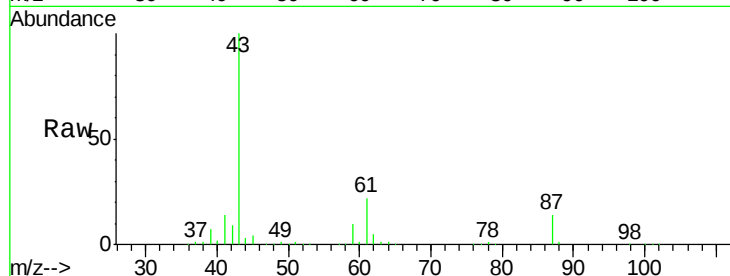
Tot Ion: 43 Resp: 558168

Ion Ratio Lower Upper

43 100

61 29.9 23.9 35.9

87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053720.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN053720.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN053720.D (-1895) (-)

8.16

250000

200000

150000

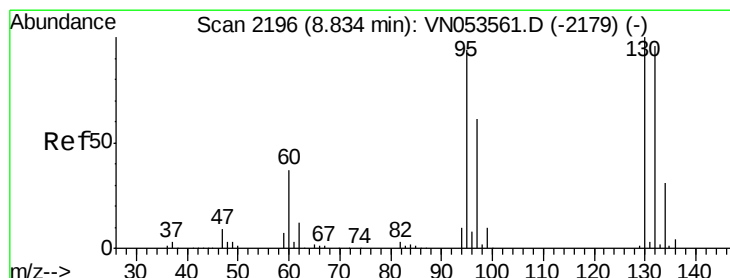
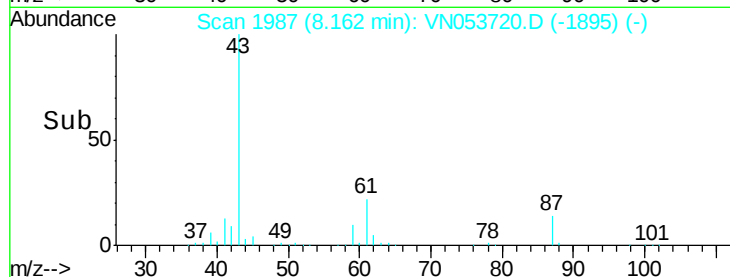
100000

50000

0

8.10 8.20

Time-->



#44

Trichloroethene

Concen: 50.172 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053720.D

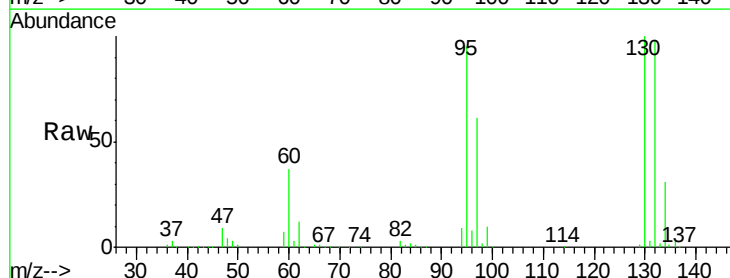
Acq: 12 Feb 2019 10:15

Tgt Ion:130 Resp: 439505

Ion Ratio Lower Upper

130 100

95 95.0 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053720.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN053720.D (-2103) (-)

8.83

200000

150000

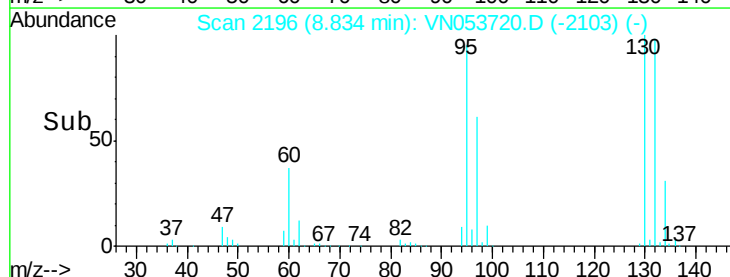
100000

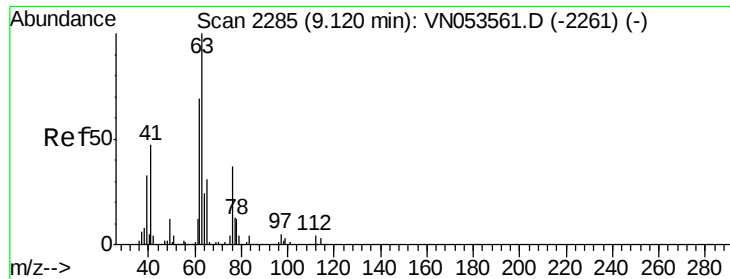
50000

0

8.70 8.80 8.90

Time-->

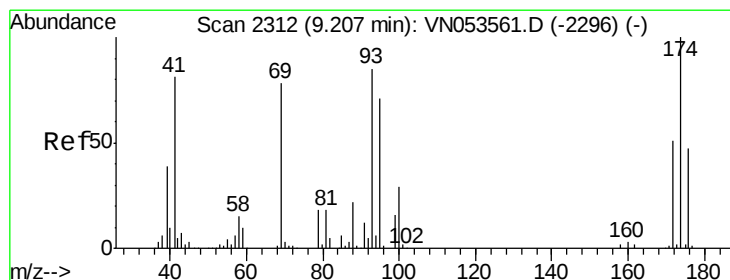
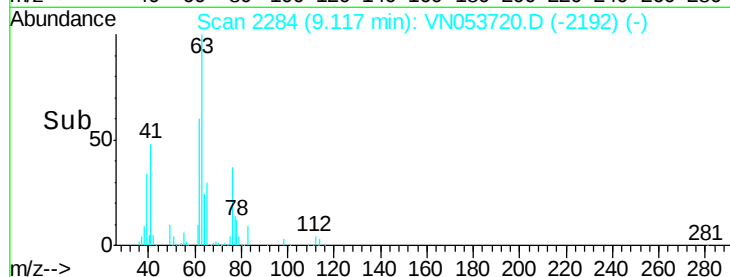
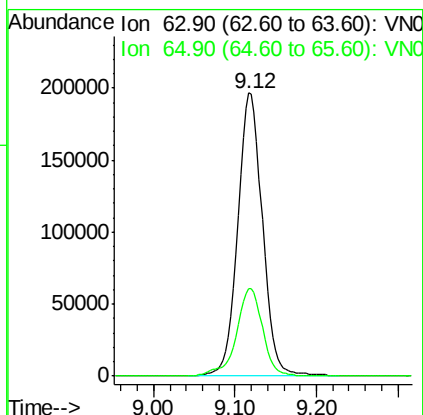
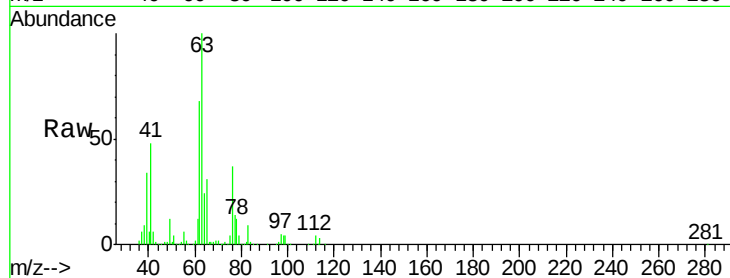




#45
 1,2-Dichloropropane
 Concen: 52.514 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

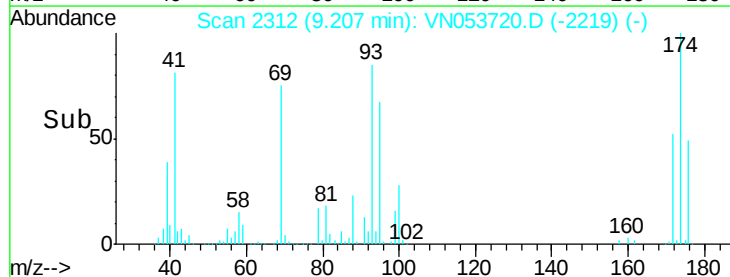
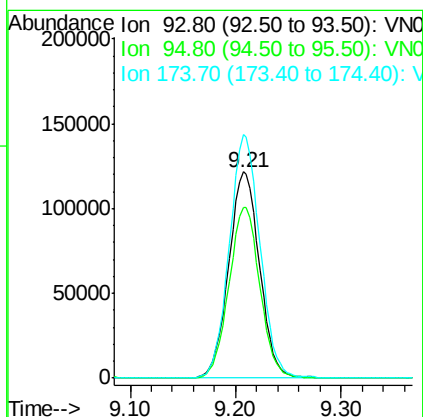
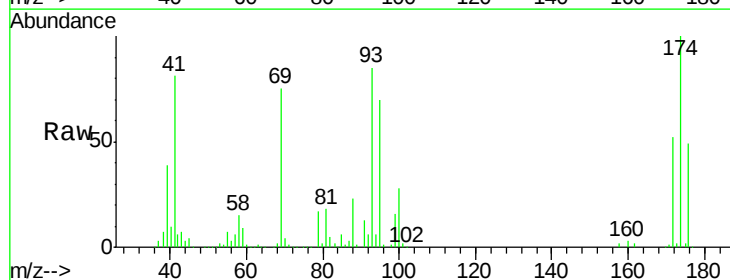
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

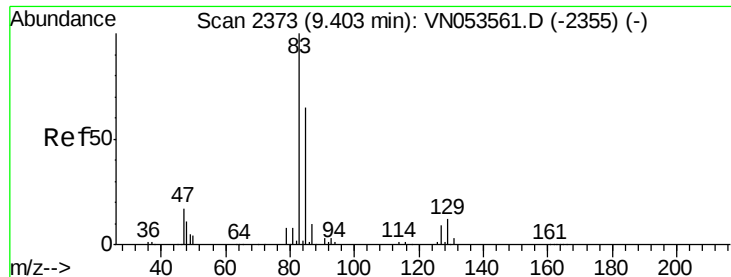
Tot Ion: 63 Resp: 413290
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4



#46
 Dibromomethane
 Concen: 51.957 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion: 93 Resp: 246497
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.3 100.9
 174 117.4 91.0 136.4





#47

Bromodichloromethane

Concen: 52.638 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

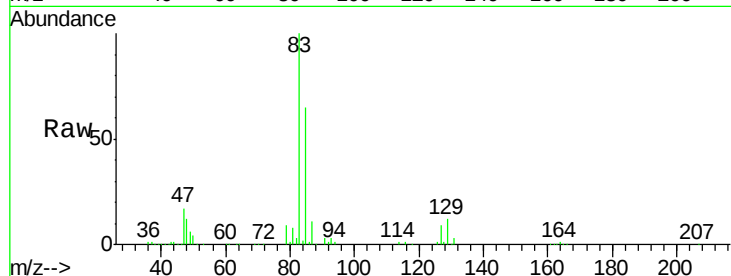
Tot Ion: 83 Resp: 519228

Ion Ratio Lower Upper

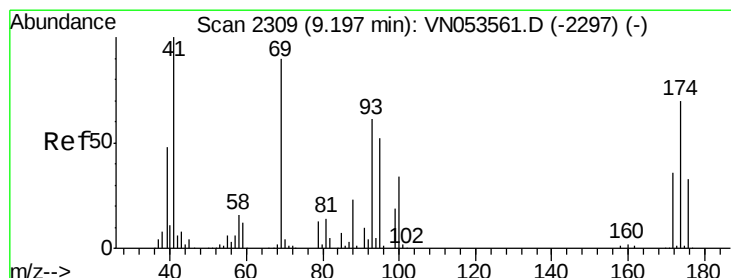
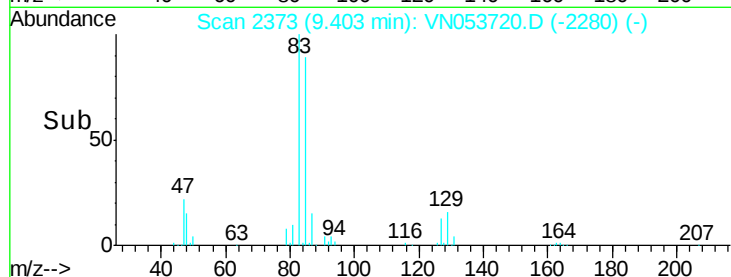
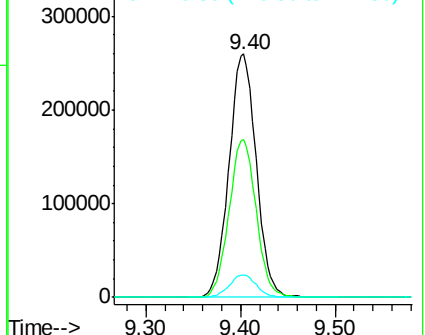
83 100

85 65.0 51.0 76.6

127 9.3 7.0 10.6



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



#48

Methyl methacrylate

Concen: 52.376 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

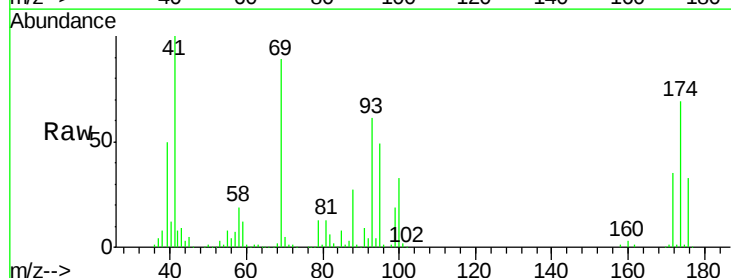
Tgt Ion: 41 Resp: 269071

Ion Ratio Lower Upper

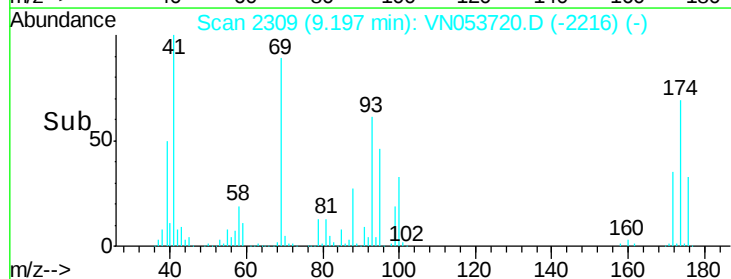
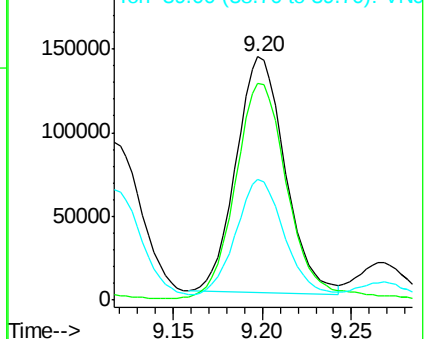
41 100

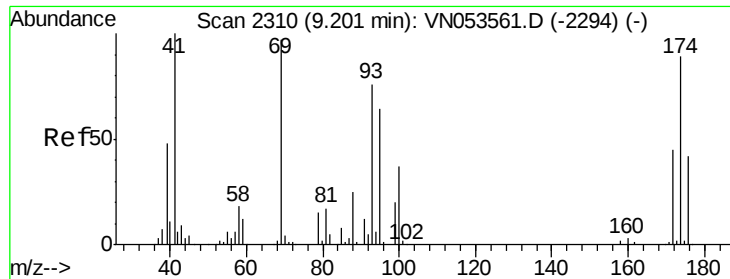
69 99.9 73.8 110.6

39 53.2 40.0 60.0



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





#49

1,4-Dioxane

Concen: 1148.794 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

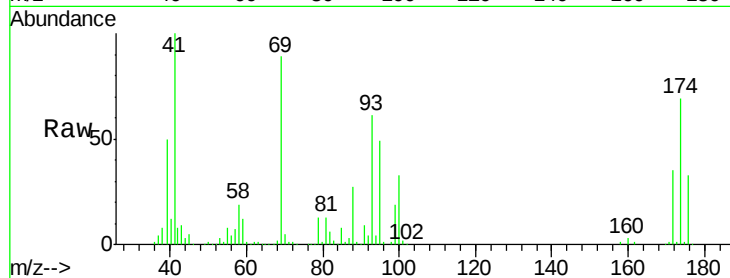
Tot Ion: 88 Resp: 85966

Ion Ratio Lower Upper

88 100

43 27.9 27.8 41.6

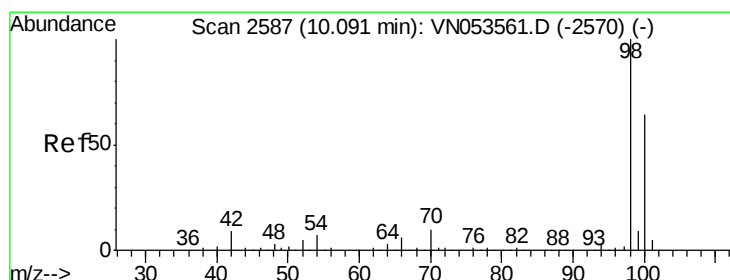
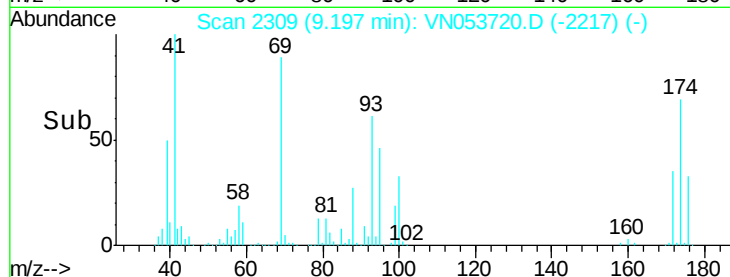
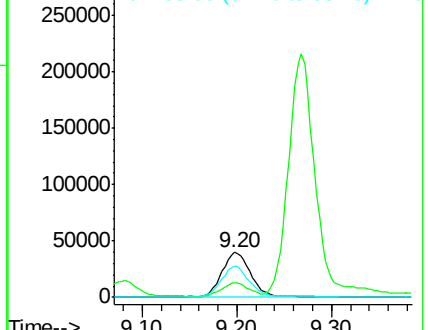
58 66.9 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VN053720.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN053720.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053720.D (-2217) (-)



#50

Toluene-d8

Concen: 52.018 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053720.D

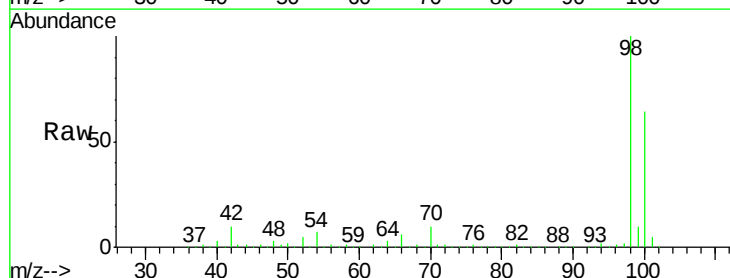
Acq: 12 Feb 2019 10:15

Tgt Ion: 98 Resp: 1366100

Ion Ratio Lower Upper

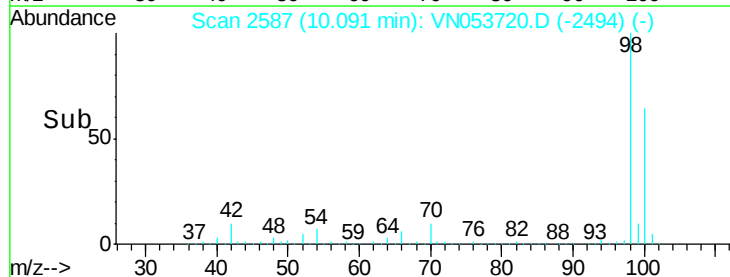
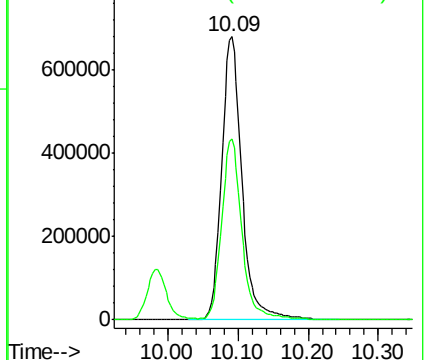
98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053720.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053720.D (-2494) (-)

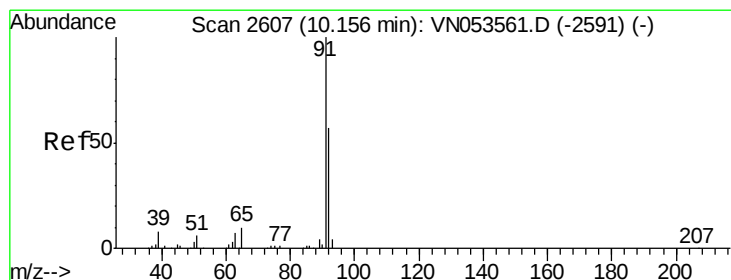
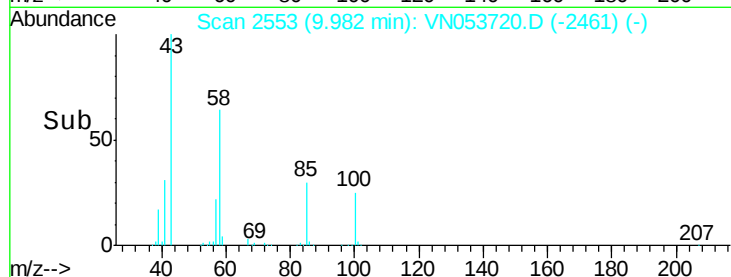
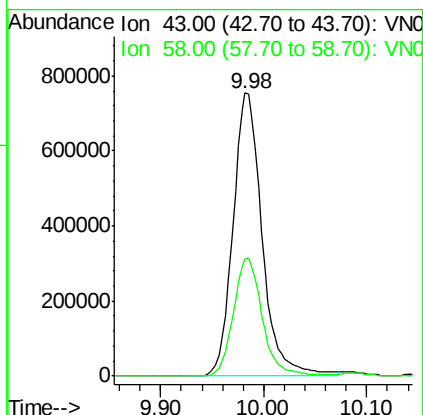
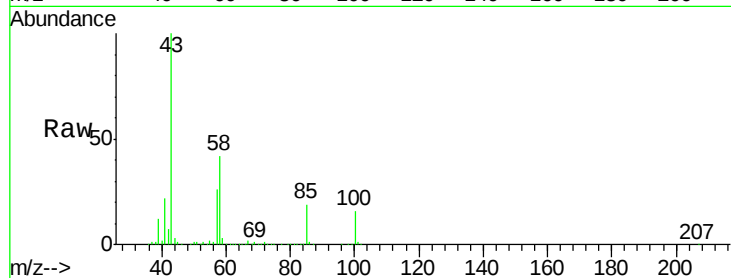




#51
 4-Methyl-2-Pentanone
 Concen: 280.049 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

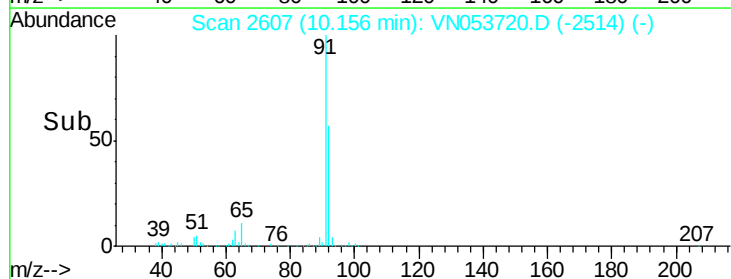
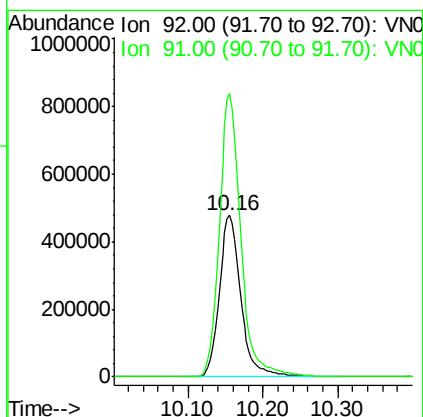
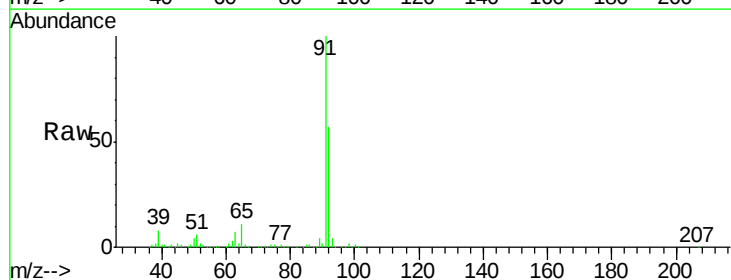
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

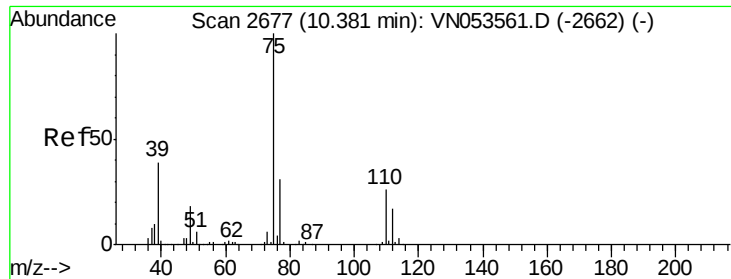
Tot Ion: 43 Resp: 1481065
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.8 49.2



#52
 Toluene
 Concen: 52.077 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion: 92 Resp: 951021
 Ion Ratio Lower Upper
 92 100
 91 174.8 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 53.682 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

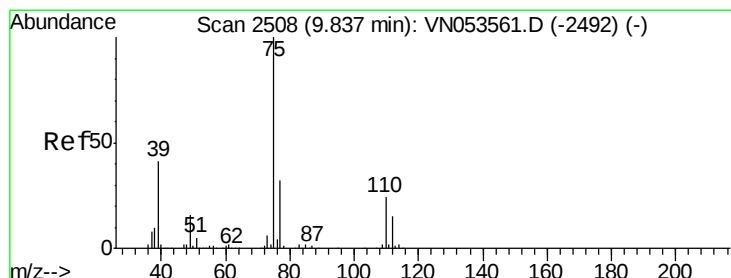
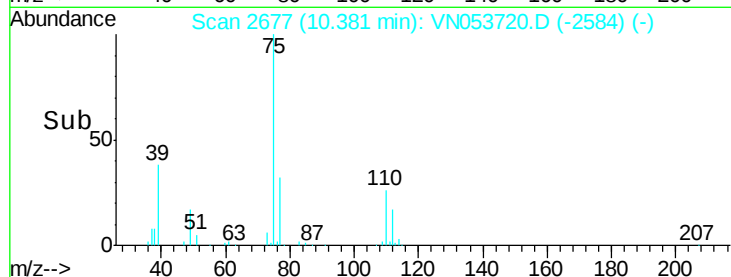
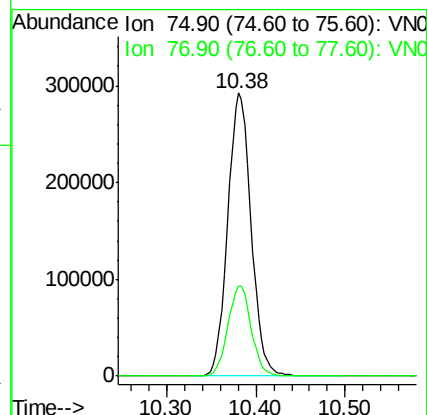
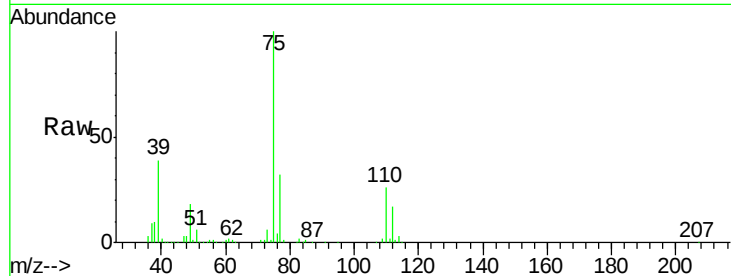
VSTDCCC050

Tot Ion: 75 Resp: 530238

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.576 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

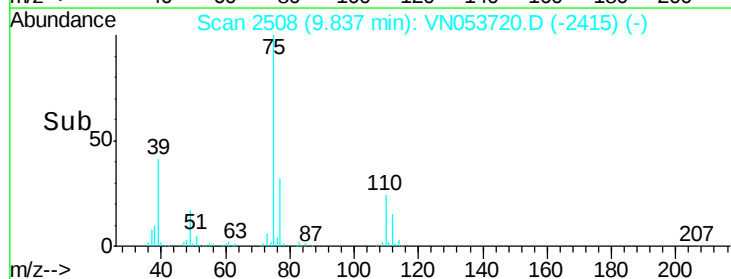
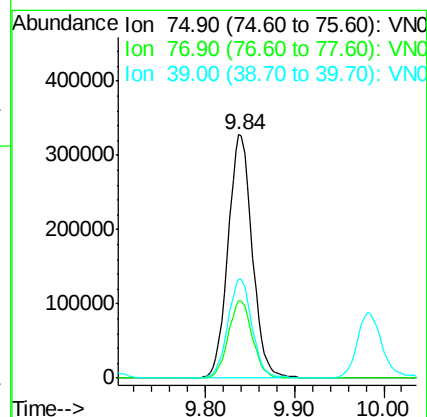
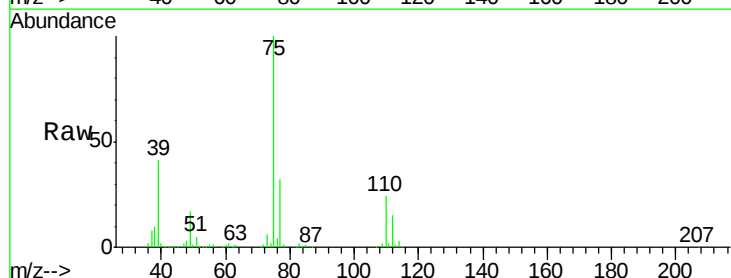
Tgt Ion: 75 Resp: 615392

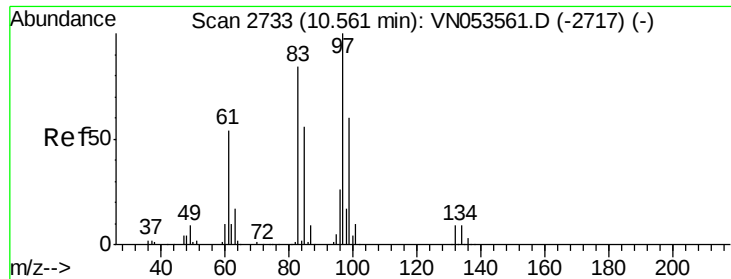
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 40.6 33.4 50.0

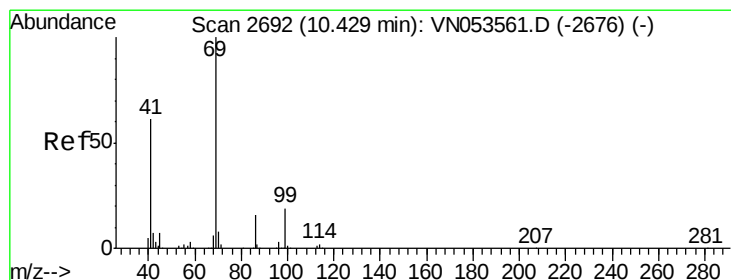
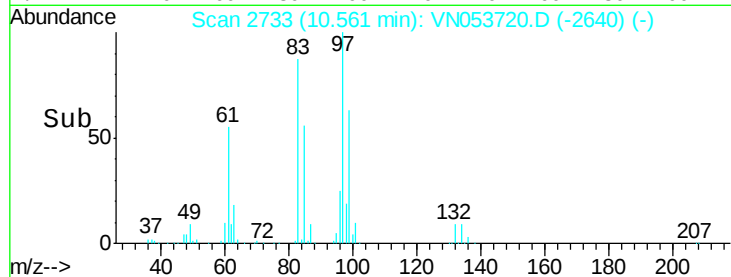
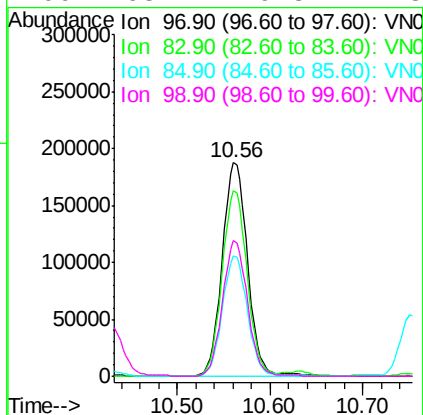
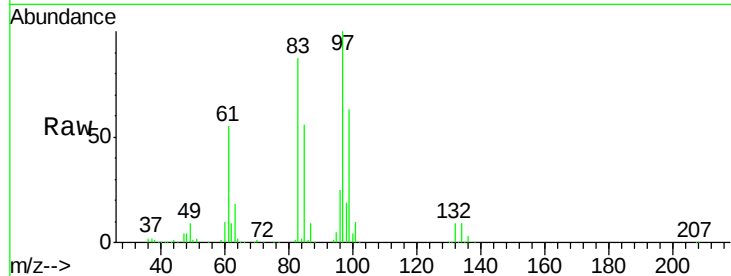




#55
 1,1,2-Trichloroethane
 Concen: 54.081 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

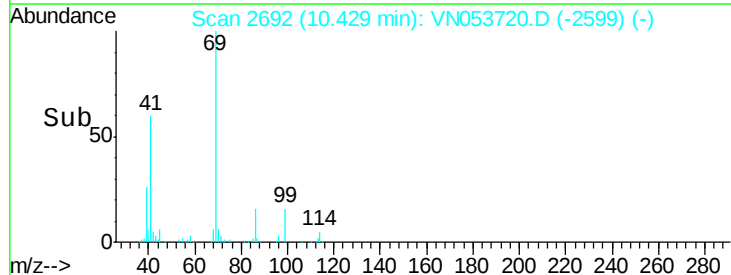
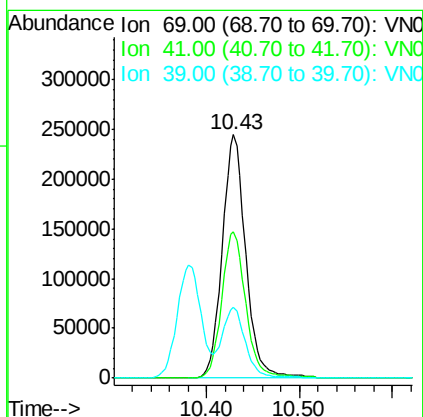
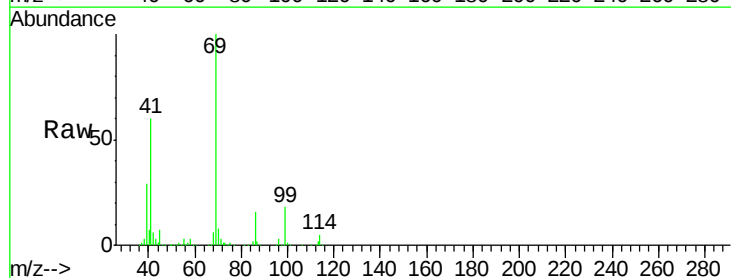
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

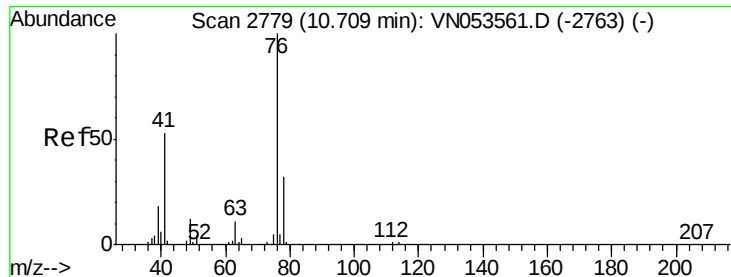
Tot Ion:	97	Resp:	355875
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.1	105.1
85	56.1	45.4	68.0
99	63.4	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 55.174 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion:	69	Resp:	429511
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.4	74.0
39	28.0	23.3	34.9

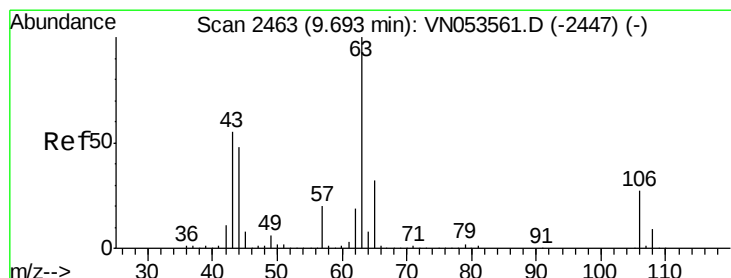
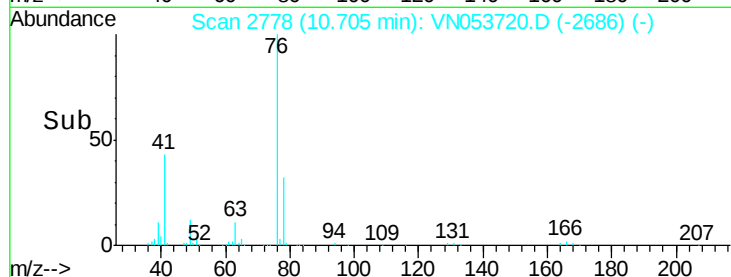
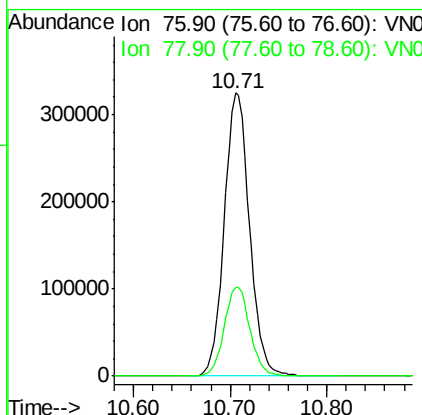
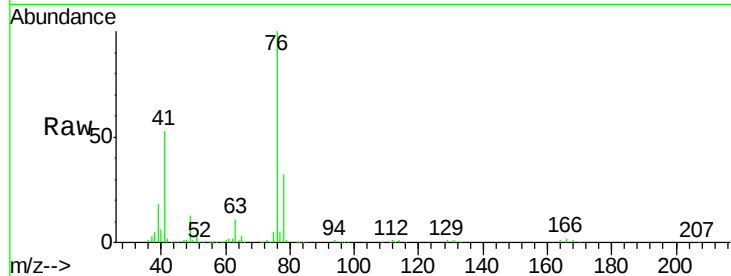




#57
 1,3-Dichloropropane
 Concen: 52.341 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

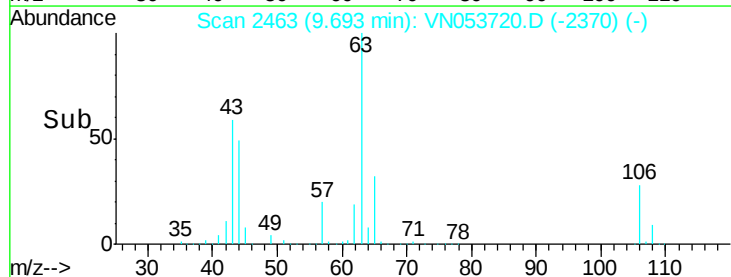
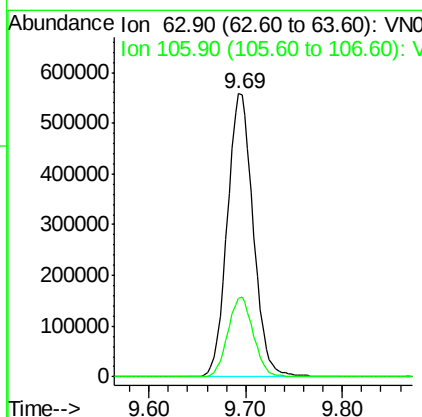
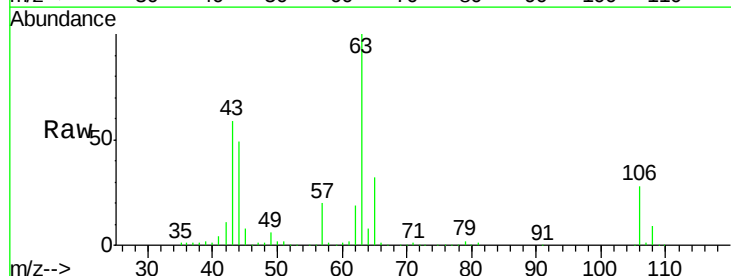
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

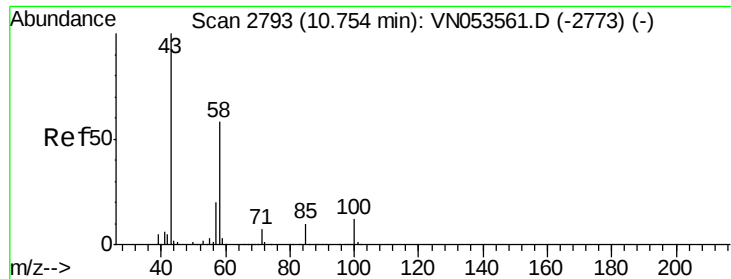
Tot Ion: 76 Resp: 588645
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 216.298 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion: 63 Resp: 1038872
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.5 32.3

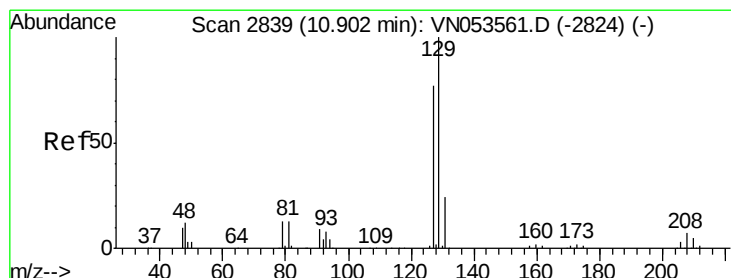
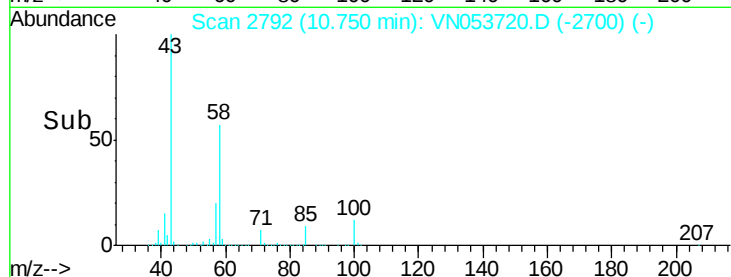
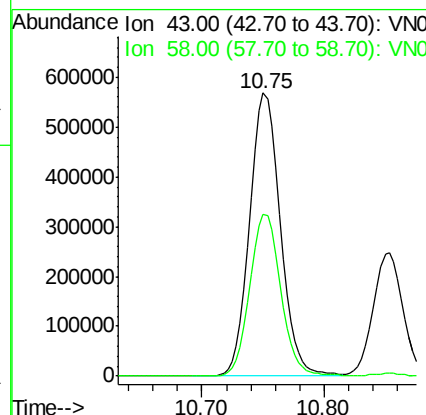
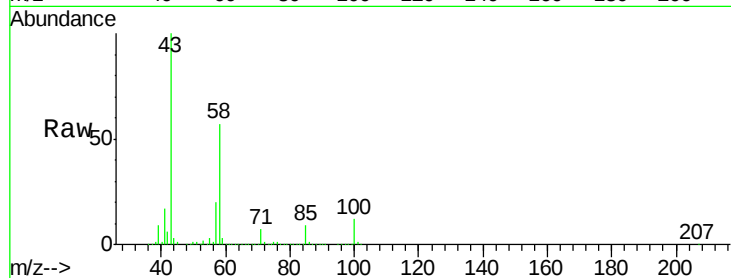




#59
2-Hexanone
Concen: 274.329 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

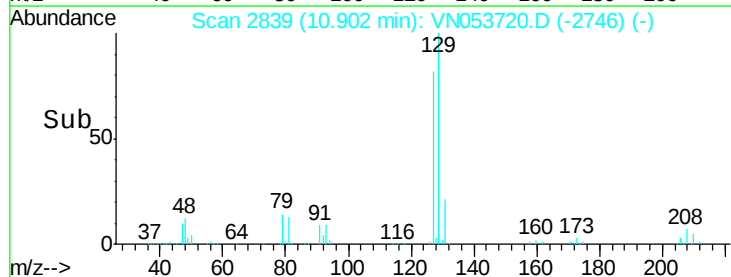
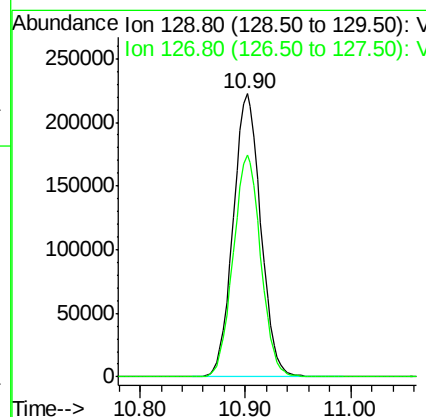
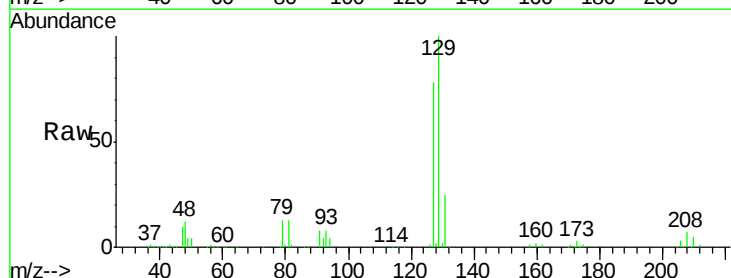
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

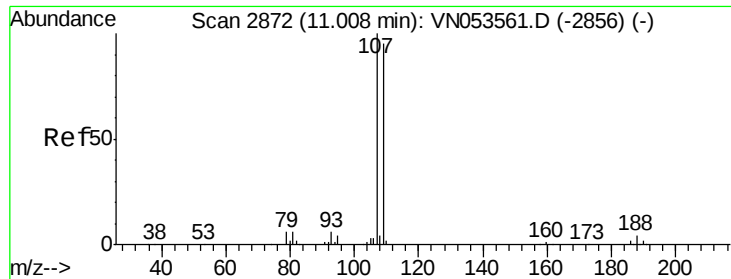
Tot Ion: 43 Resp: 984918
Ion Ratio Lower Upper
43 100
58 57.9 28.6 85.8



#60
Dibromochloromethane
Concen: 54.162 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion: 129 Resp: 401915
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

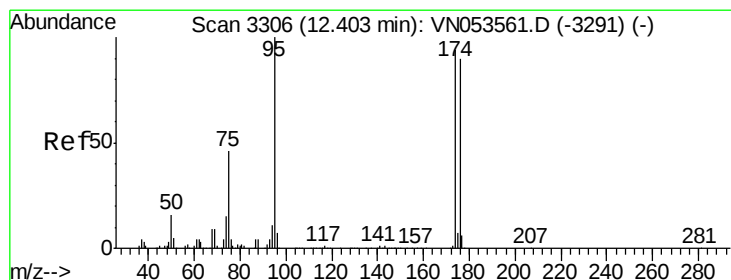
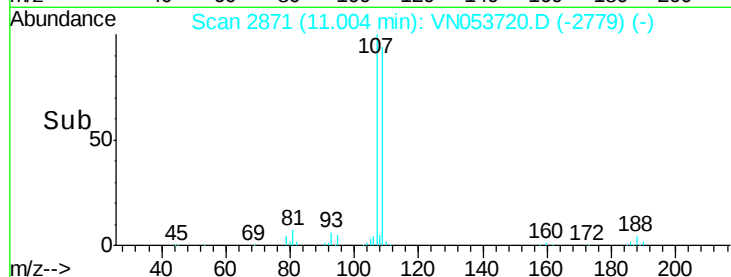
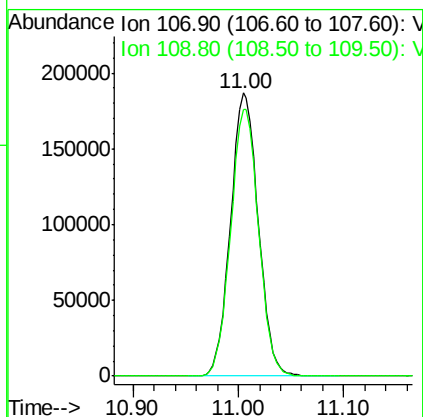
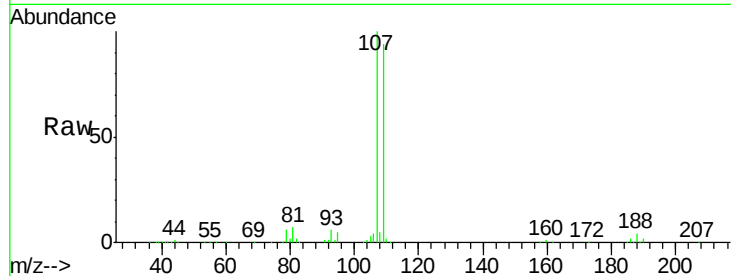




#61
 1,2-Dibromoethane
 Concen: 52.144 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

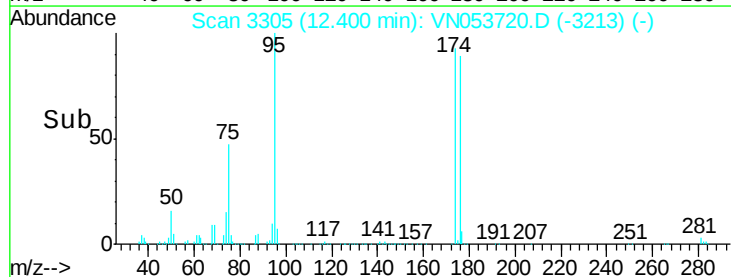
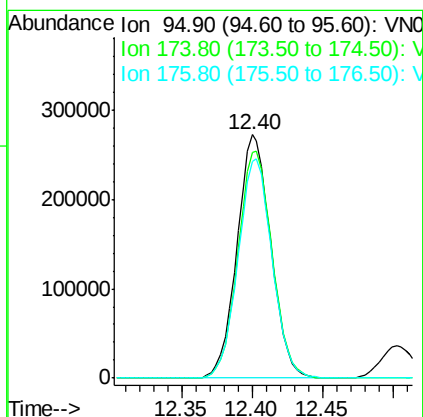
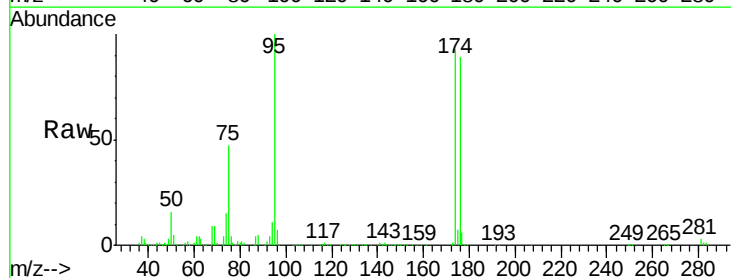
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 339622
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 52.122 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion: 95 Resp: 456524
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 183.2
 176 91.0 0.0 177.4

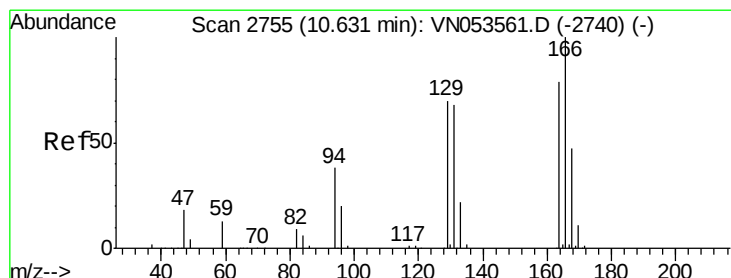
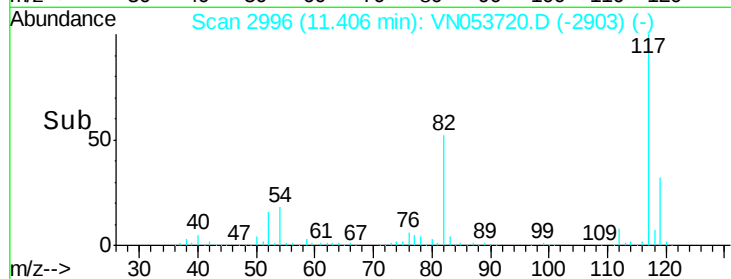
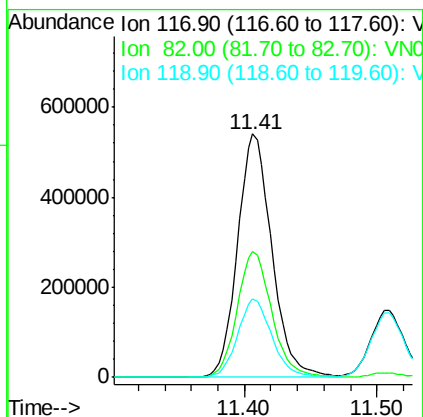
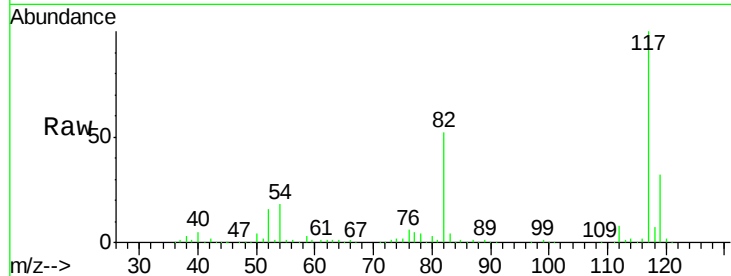




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

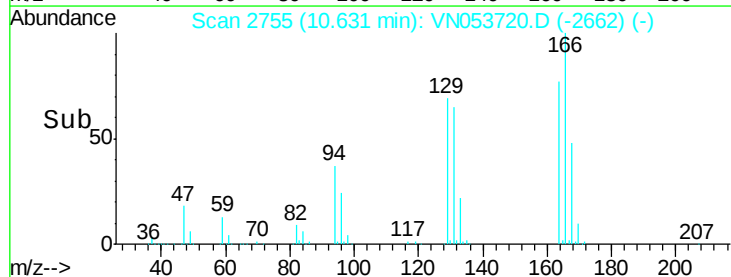
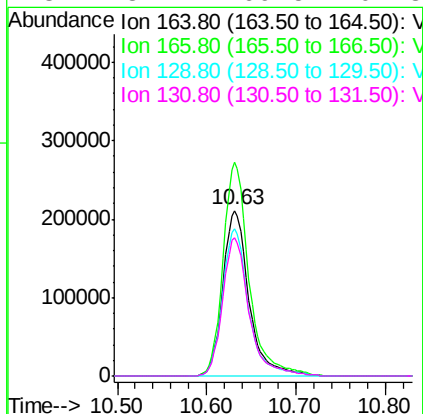
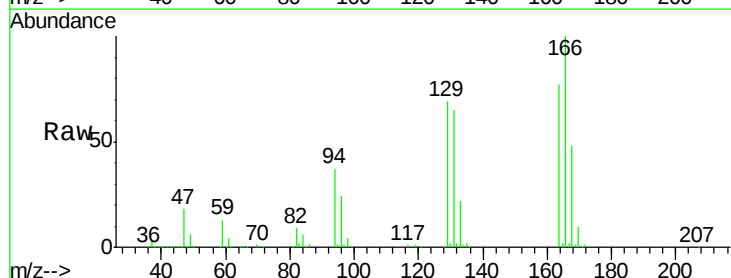
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

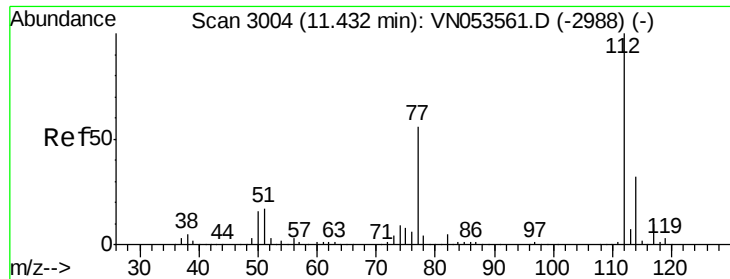
Tot Ion:117 Resp: 973596
Ion Ratio Lower Upper
117 100
82 51.6 42.9 64.3
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 51.338 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion:164 Resp: 428461
Ion Ratio Lower Upper
164 100
166 129.3 102.2 153.4
129 89.4 72.6 109.0
131 84.1 69.5 104.3

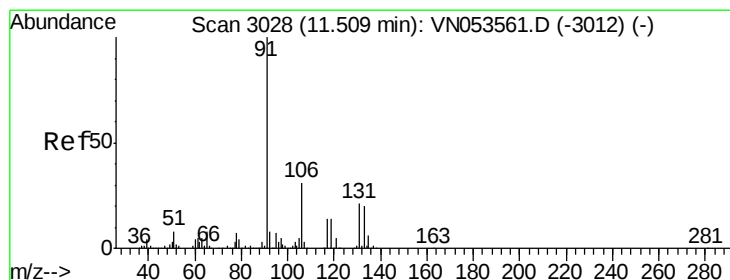
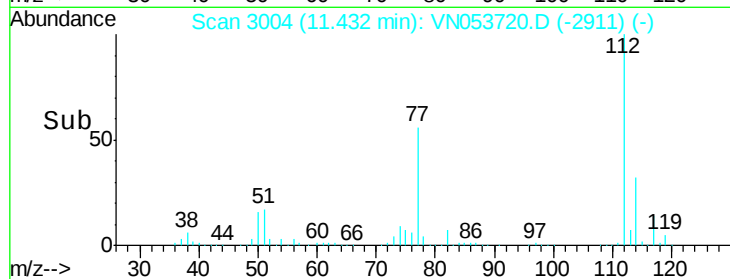
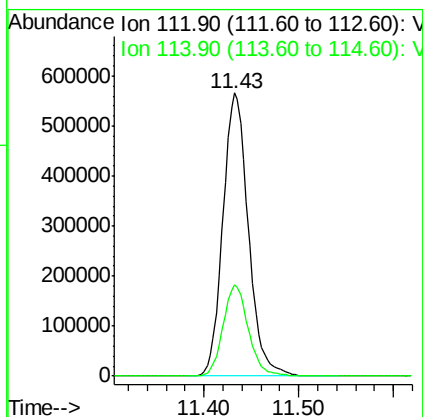
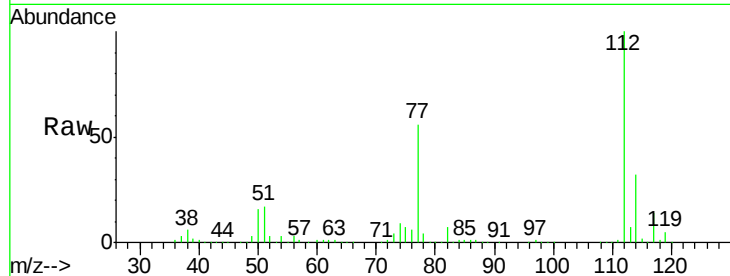




#65
Chlorobenzene
Concen: 51.135 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

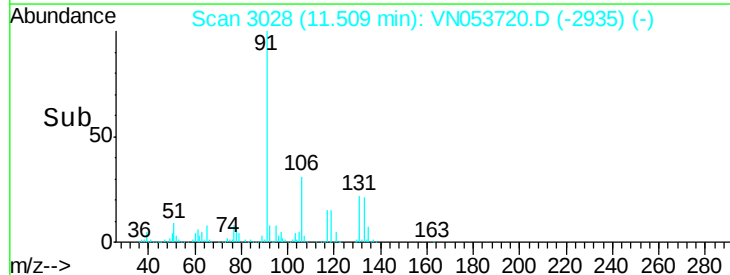
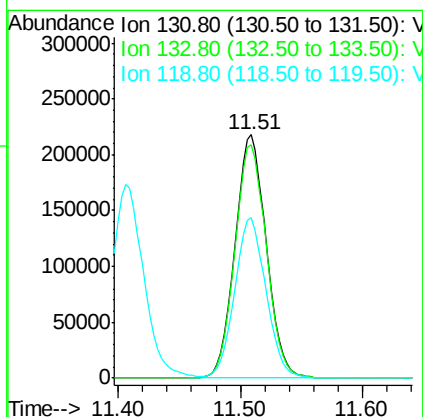
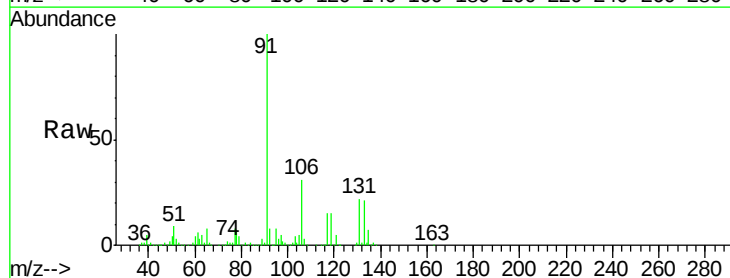
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

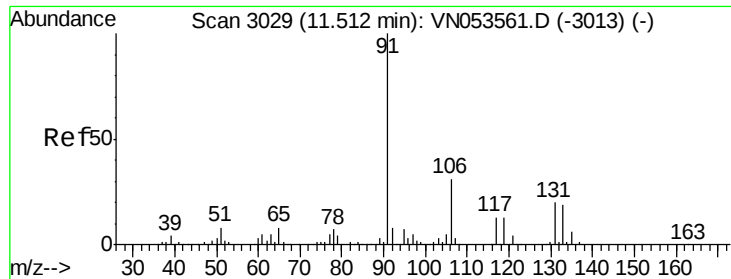
Tot Ion:112 Resp: 1057481
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.339 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion:131 Resp: 385233
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.0
119 66.3 33.5 100.5

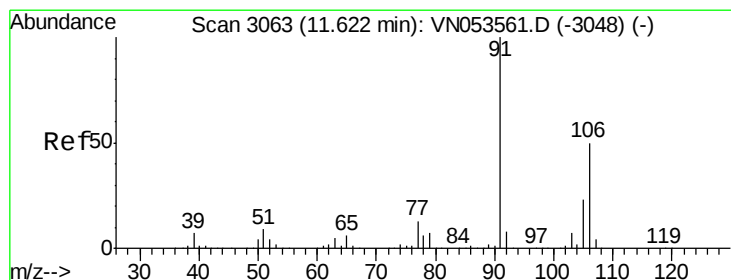
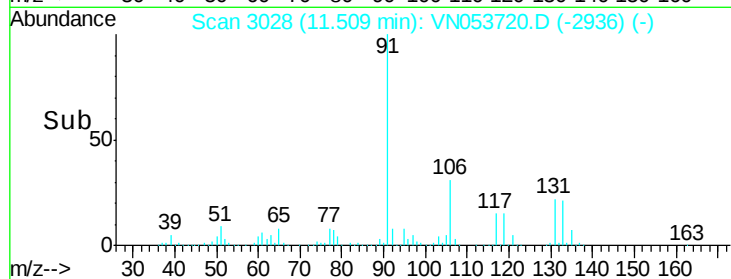
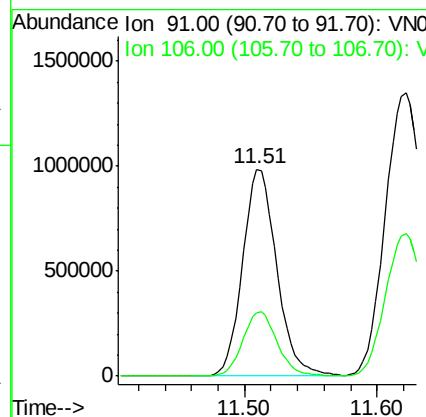
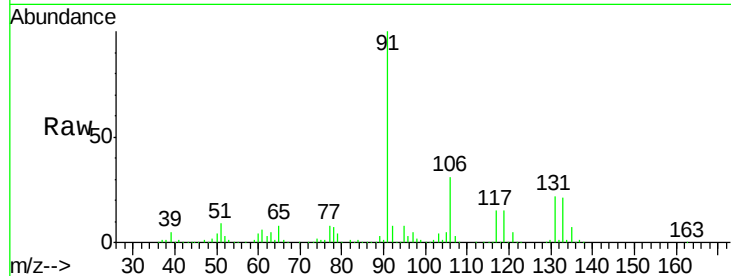




#67
Ethyl Benzene
Concen: 52.079 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

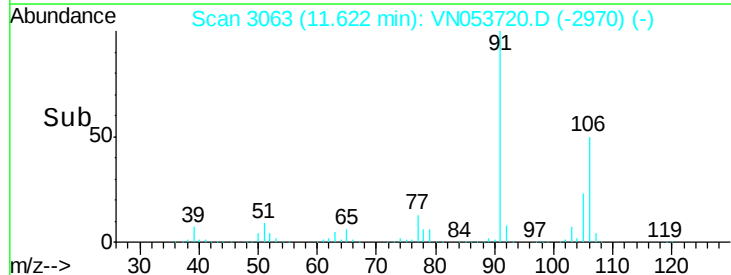
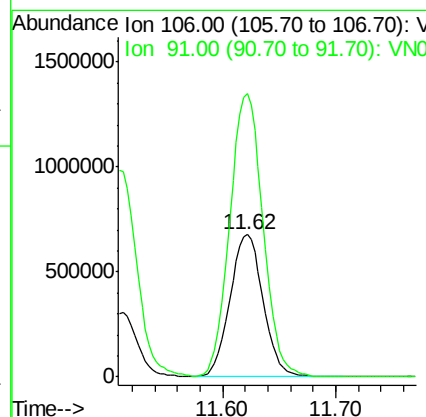
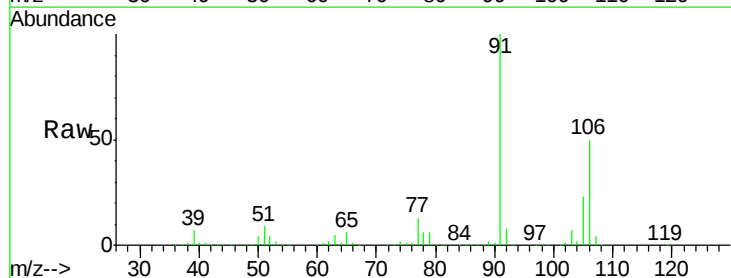
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1769195
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 106.391 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion: 106 Resp: 1379421
Ion Ratio Lower Upper
106 100
91 199.7 161.4 242.2

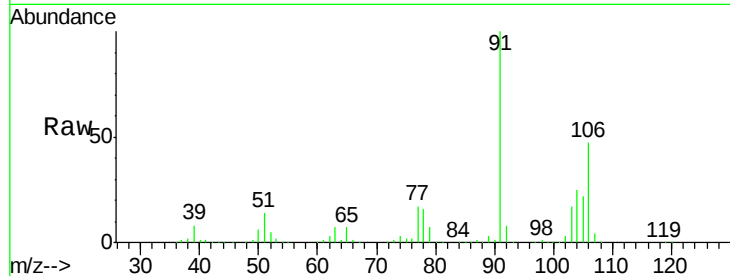




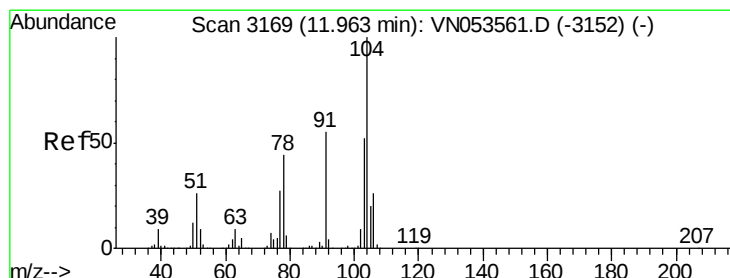
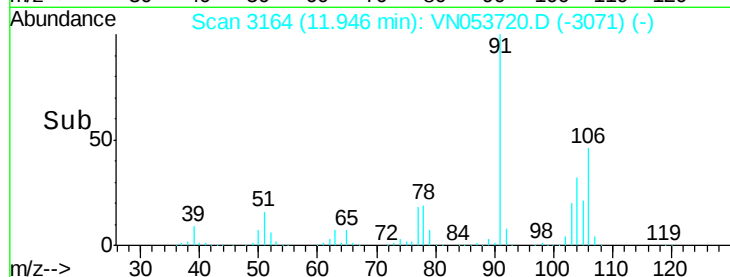
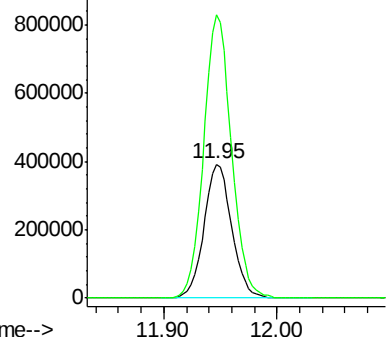
#69
o-Xylene
Concen: 53.176 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 666082
Ion Ratio Lower Upper
106 100
91 212.3 106.9 320.8

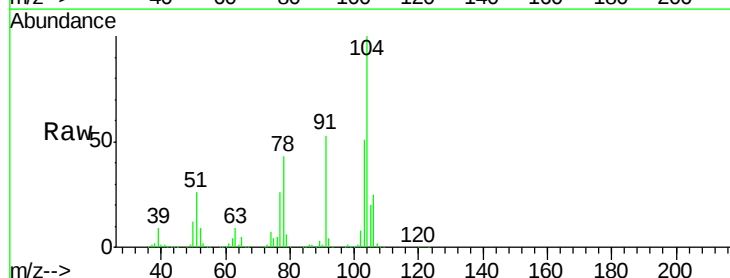


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

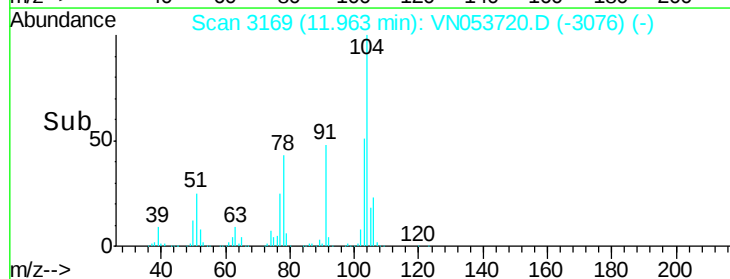
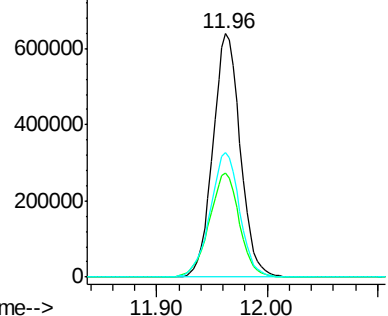


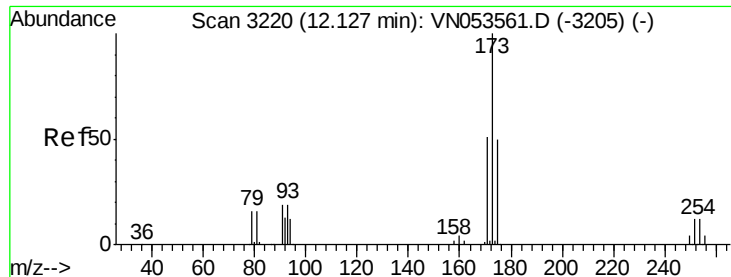
#70
Styrene
Concen: 53.978 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion:104 Resp: 1095877
Ion Ratio Lower Upper
104 100
78 47.0 38.2 57.2
103 55.2 44.4 66.6



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





#71

Bromoform

Concen: 56.808 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

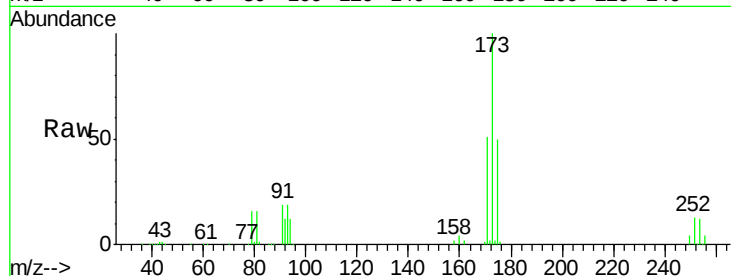
Tot Ion:173 Resp: 281282

Ion Ratio Lower Upper

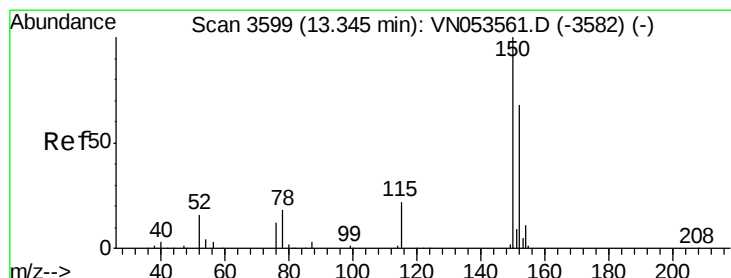
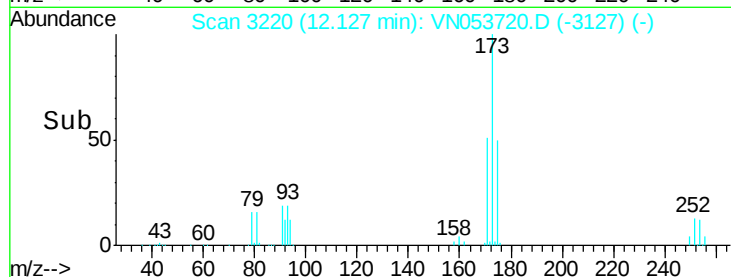
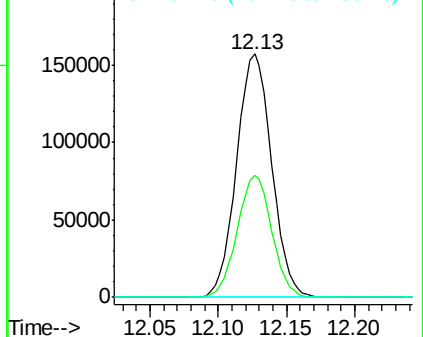
173 100

175 49.2 24.6 74.0

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

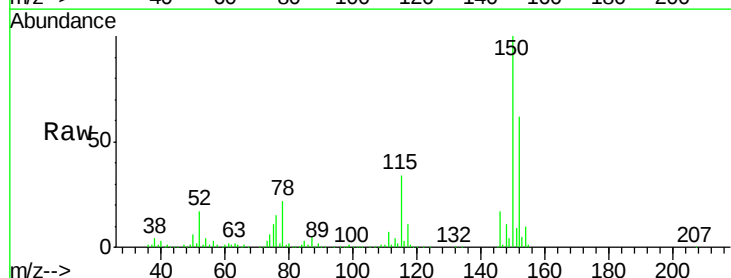
Tgt Ion:152 Resp: 472795

Ion Ratio Lower Upper

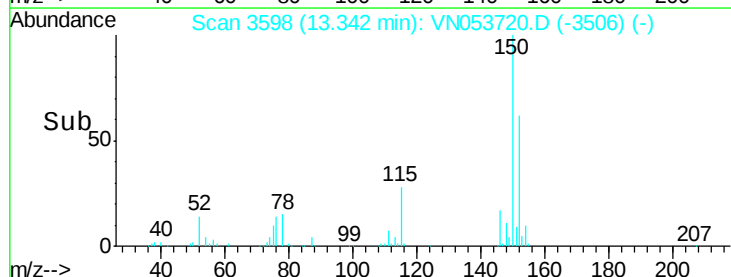
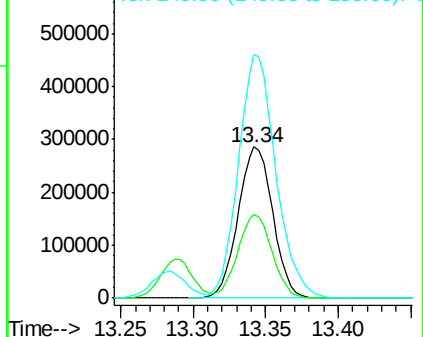
152 100

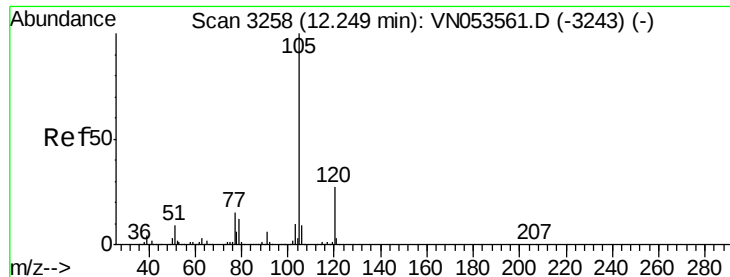
115 54.8 27.8 83.4

150 174.5 0.0 349.0



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





#73

Isopropylbenzene

Concen: 52.798 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

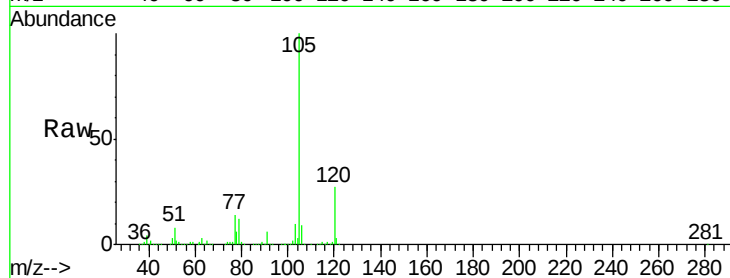
VSTDCCC050

Tot Ion:105 Resp: 1754831

Ion Ratio Lower Upper

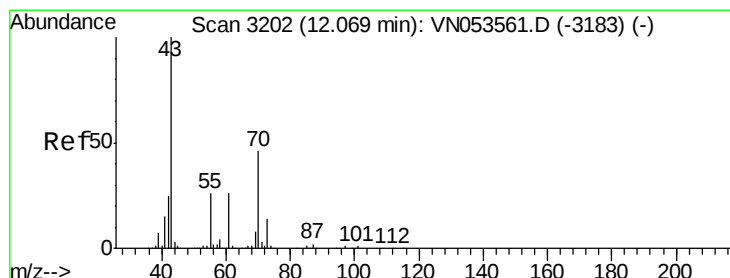
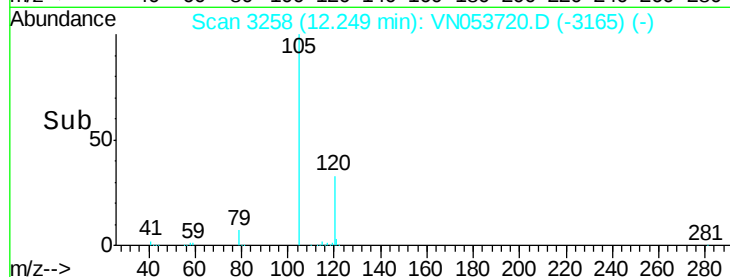
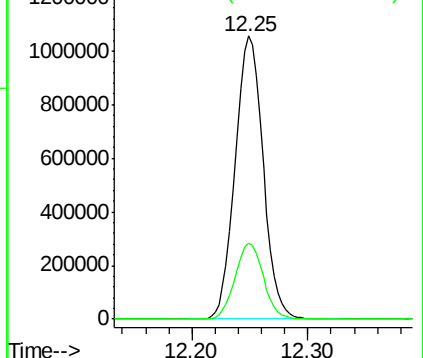
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.884 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Tgt Ion: 43 Resp: 446643

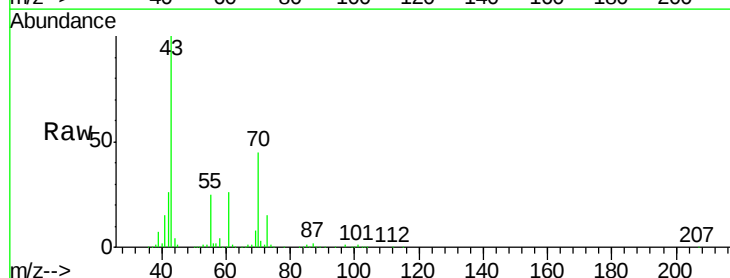
Ion Ratio Lower Upper

43 100

70 45.2 35.4 53.2

55 26.2 20.9 31.3

61 25.9 20.5 30.7

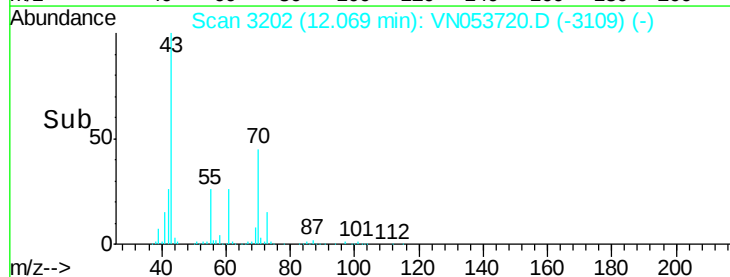
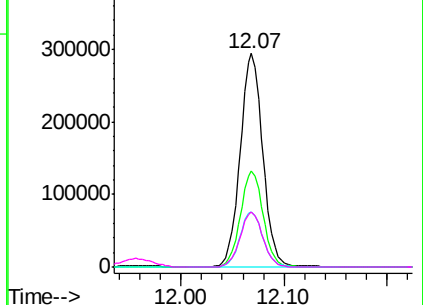


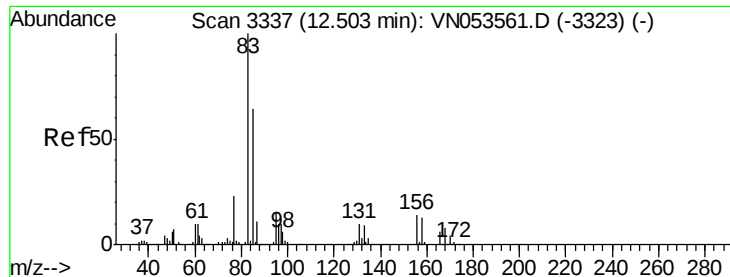
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.426 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

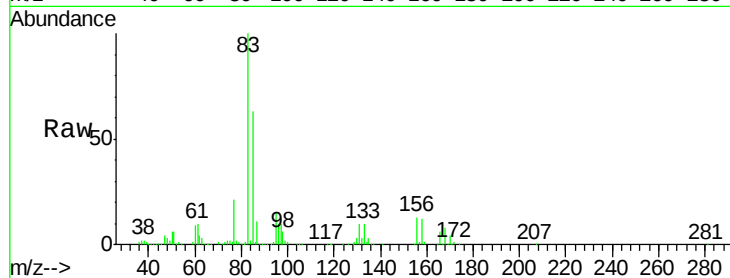
Tot Ion: 83 Resp: 417022

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.8

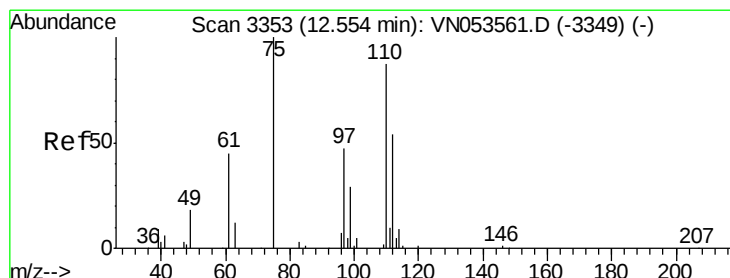
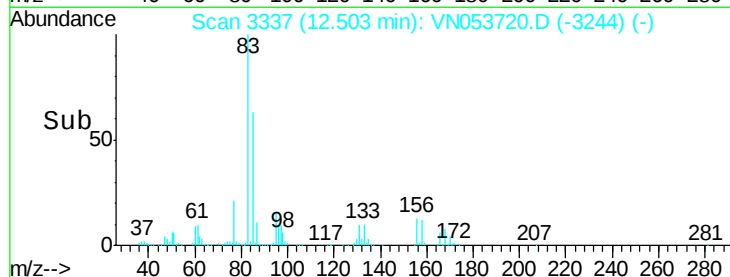
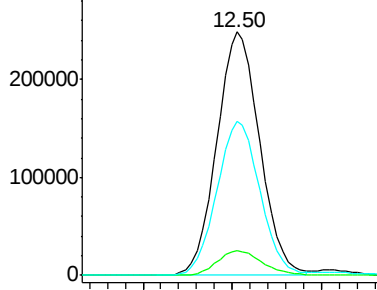
85 63.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN053720.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053720.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053720.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 85.014 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053720.D

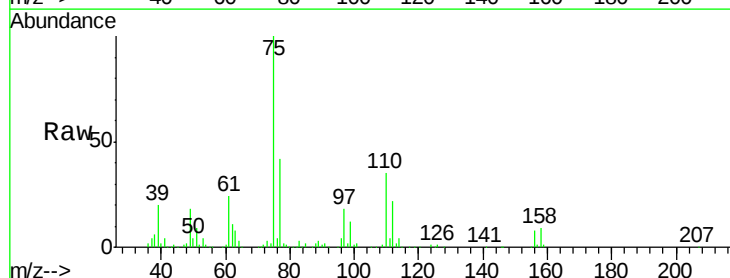
Acq: 12 Feb 2019 10:15

Tgt Ion: 75 Resp: 516272

Ion Ratio Lower Upper

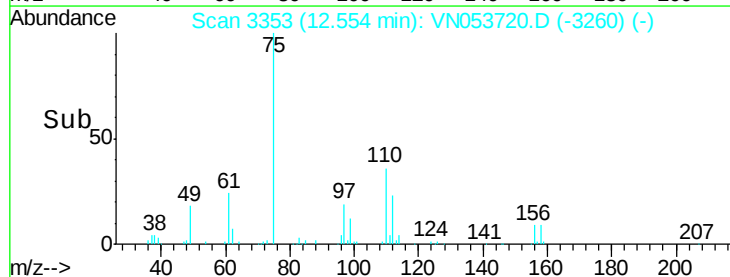
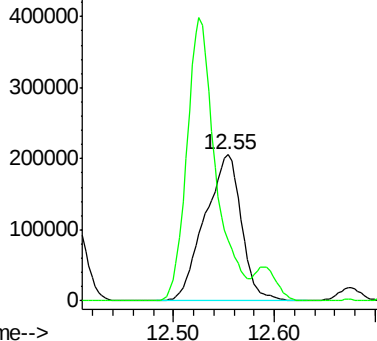
75 100

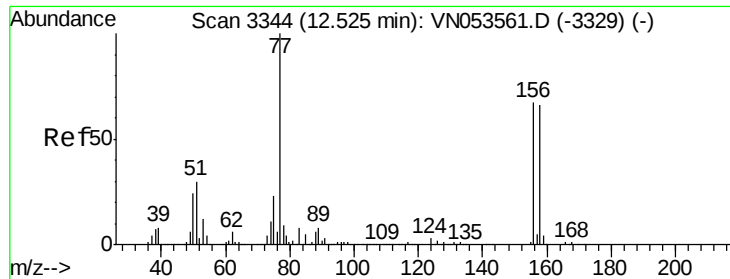
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053720.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053720.D (-3260) (-)





#77

Bromobenzene

Concen: 51.357 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

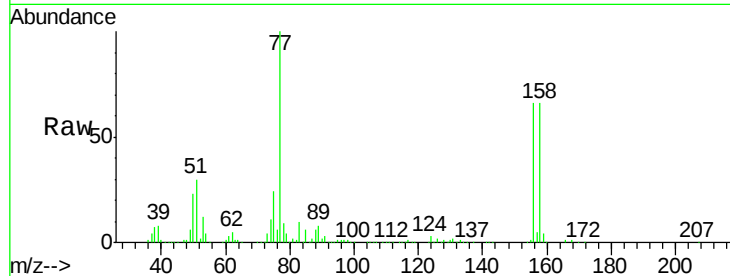
Tot Ion:156 Resp: 460032

Ion Ratio Lower Upper

156 100

77 172.7 87.9 263.8

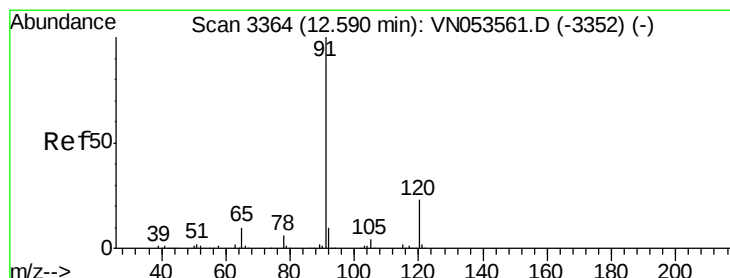
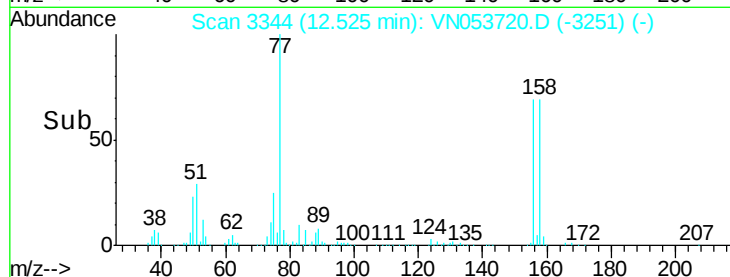
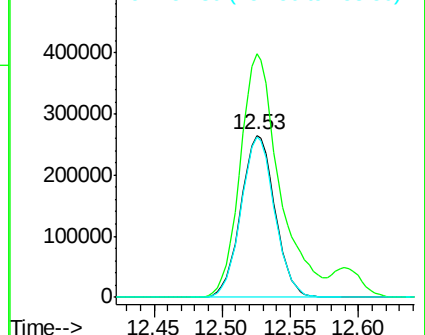
158 97.6 48.8 146.4



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: 53.421 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053720.D

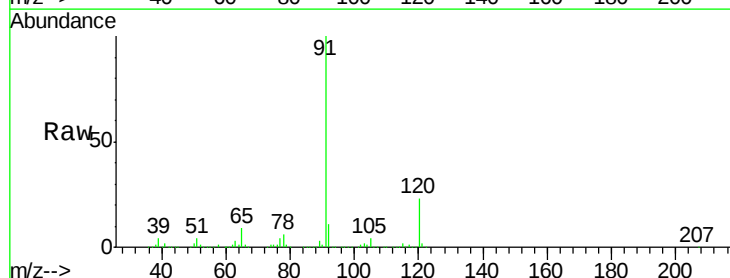
Acq: 12 Feb 2019 10:15

Tgt Ion: 91 Resp: 2052537

Ion Ratio Lower Upper

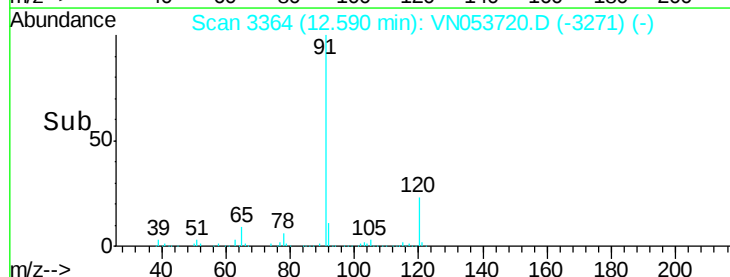
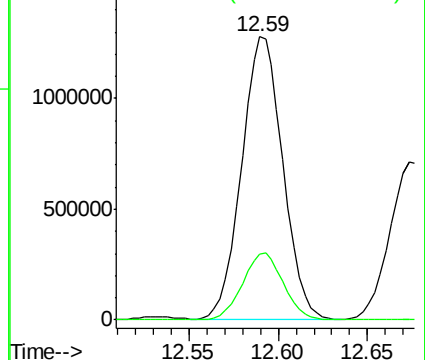
91 100

120 23.6 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: 52.570 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

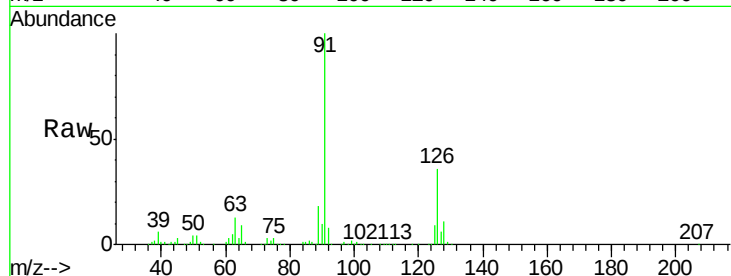
VSTDCCC050

Tot Ion: 91 Resp: 1198347

Ion Ratio Lower Upper

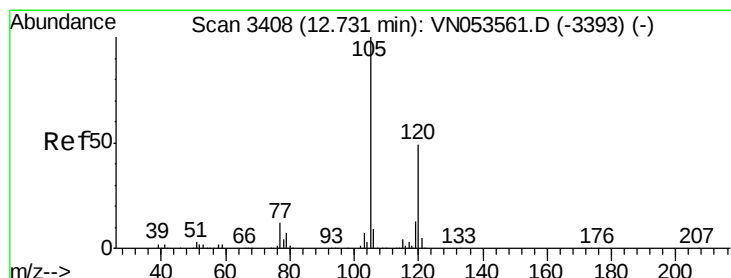
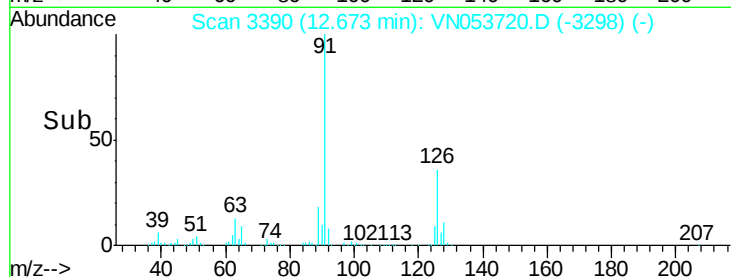
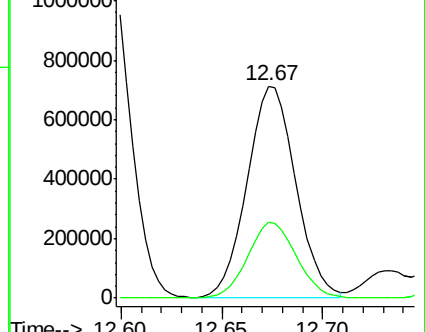
91 100

126 36.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN053720.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN053720.D (-3390) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.069 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053720.D

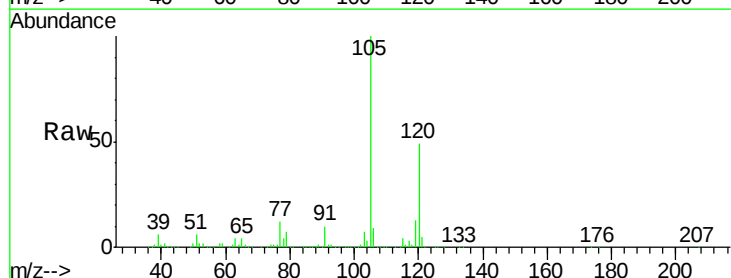
Acq: 12 Feb 2019 10:15

Tgt Ion: 105 Resp: 1517774

Ion Ratio Lower Upper

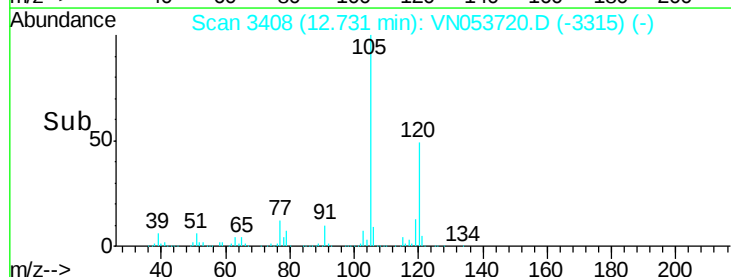
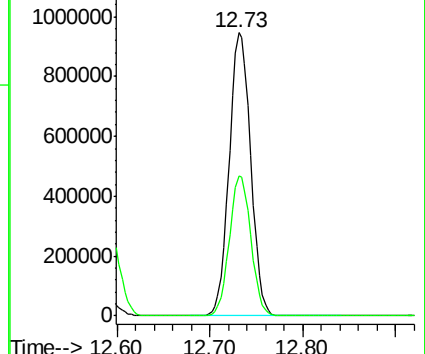
105 100

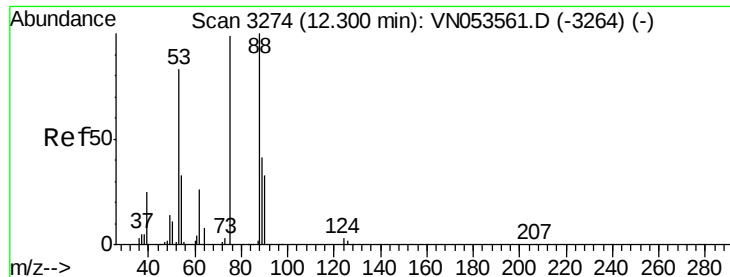
120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053720.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053720.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.683 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

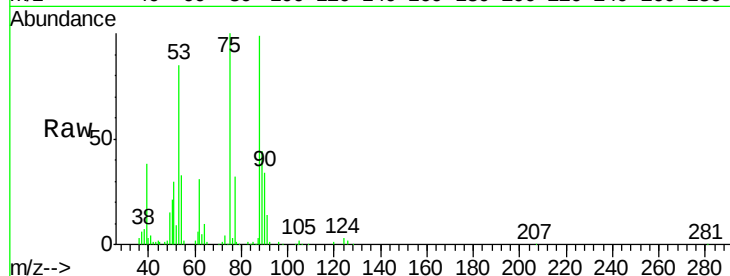
Tot Ion: 75 Resp: 118095

Ion Ratio Lower Upper

75 100

53 87.3 69.8 104.6

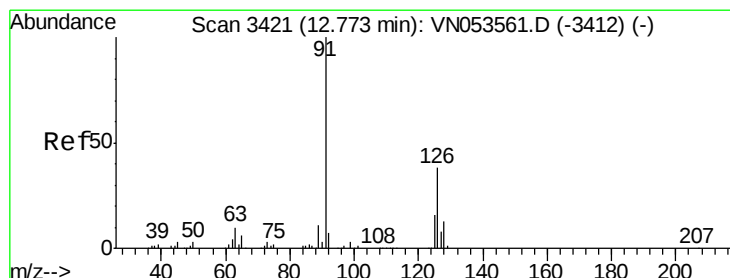
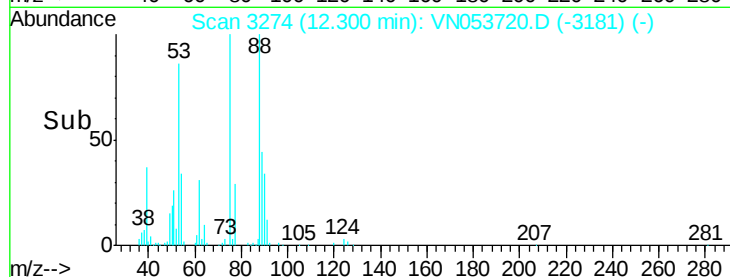
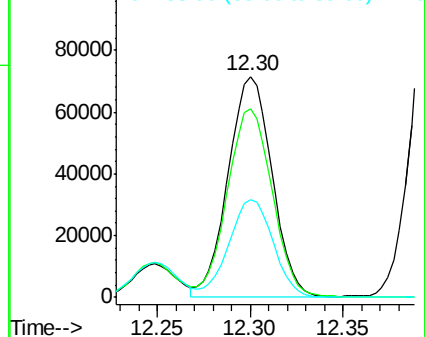
89 44.4 35.6 53.4



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: 51.906 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053720.D

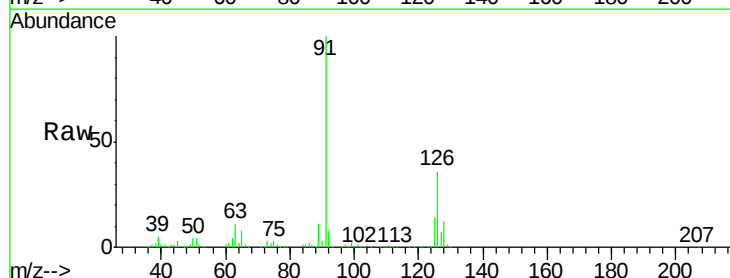
Acq: 12 Feb 2019 10:15

Tgt Ion: 91 Resp: 1214122

Ion Ratio Lower Upper

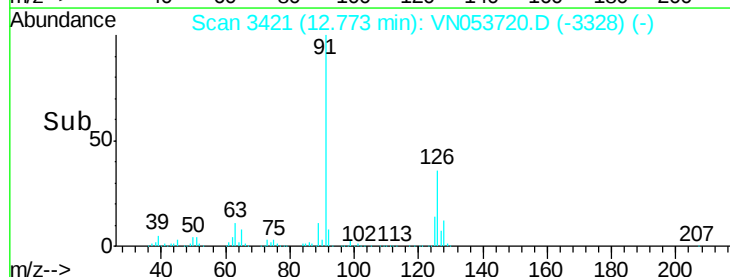
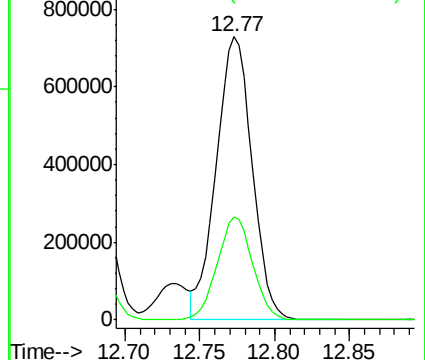
91 100

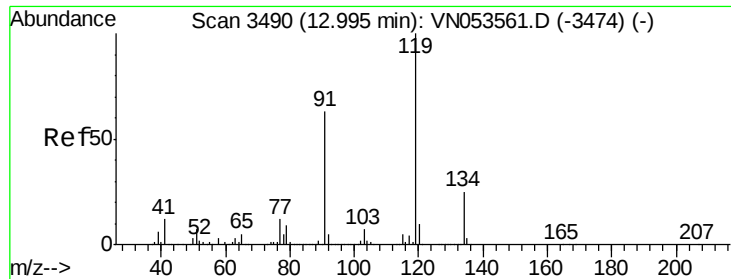
126 35.8 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

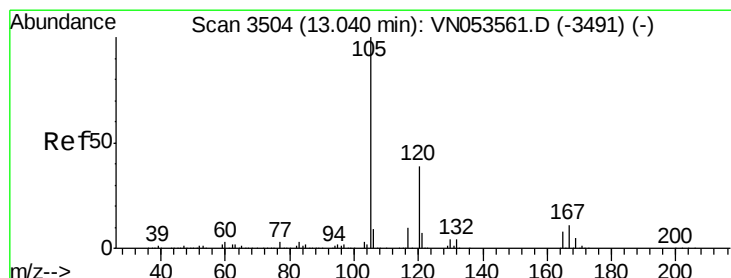
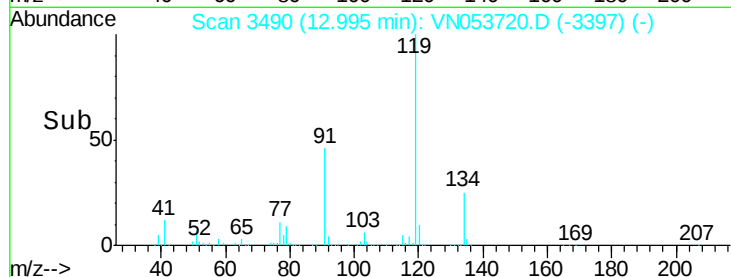
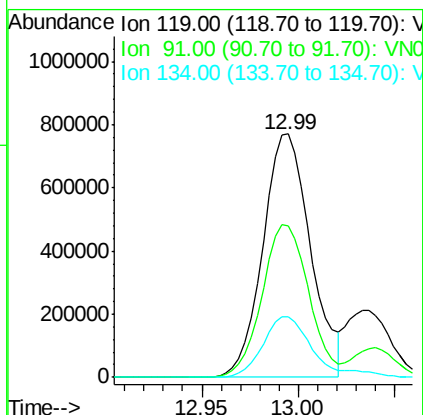
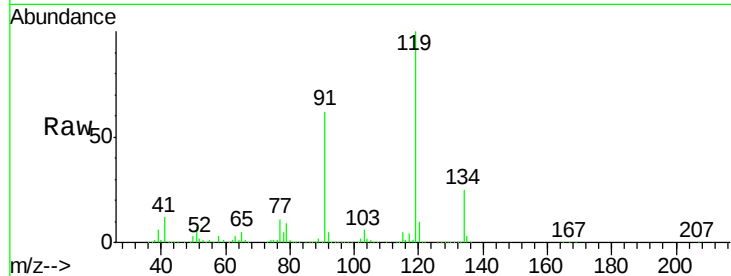




#83
 tert-Butylbenzene
 Concen: 54.260 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

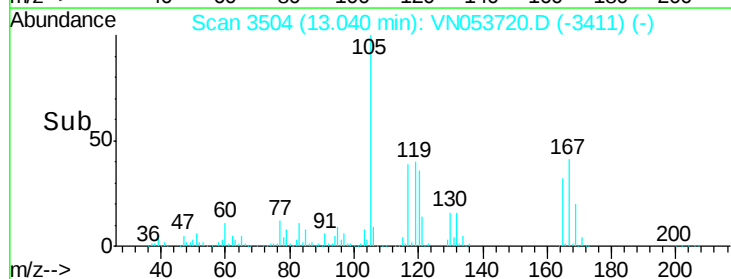
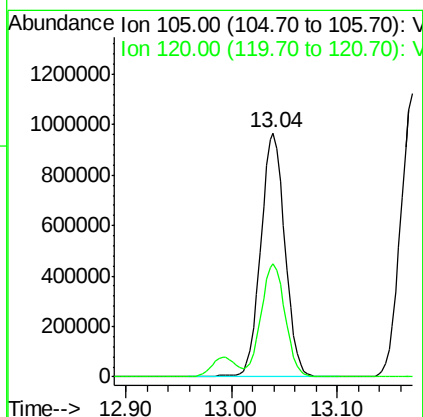
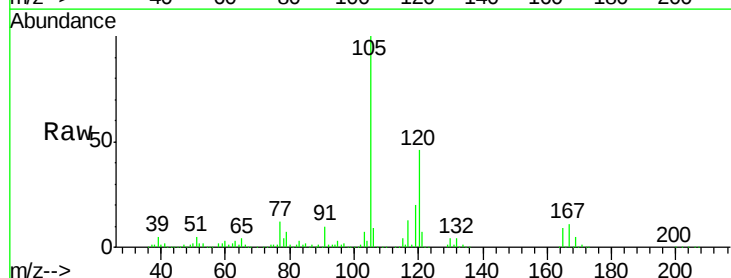
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

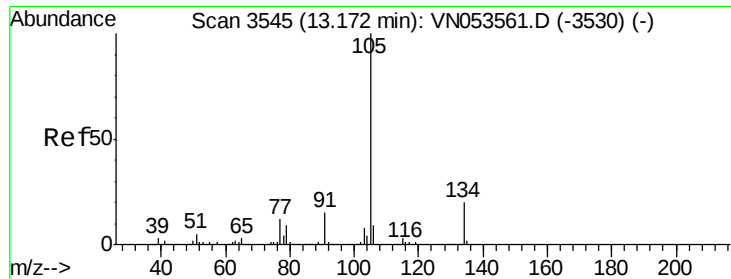
Tot Ion:119 Resp: 1321731
 Ion Ratio Lower Upper
 119 100
 91 61.2 31.3 93.8
 134 26.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 55.093 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion:105 Resp: 1547004
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 54.437 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

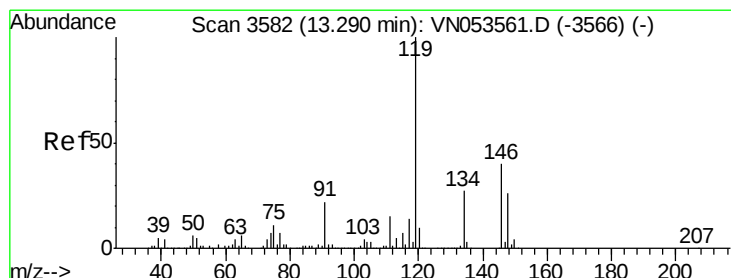
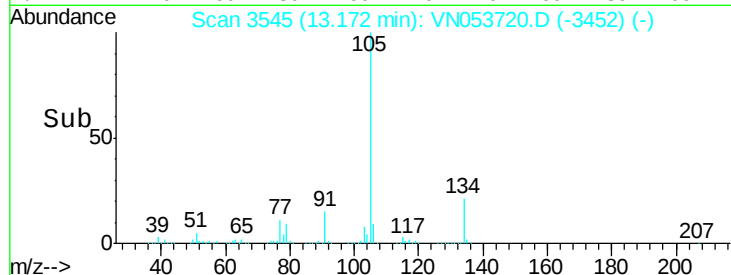
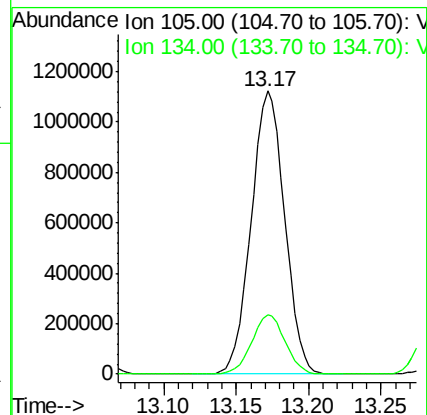
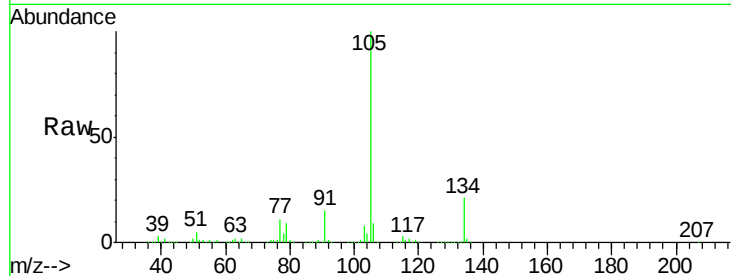
VSTDCCC050

Tot Ion:105 Resp: 1804517

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 55.177 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

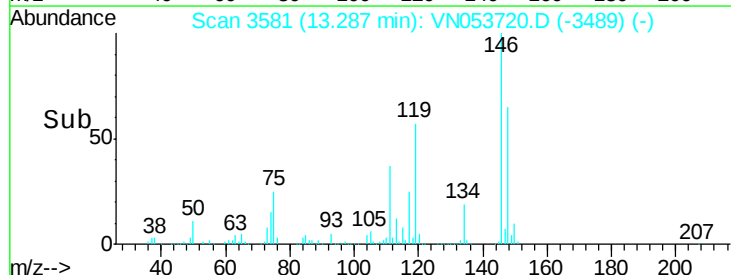
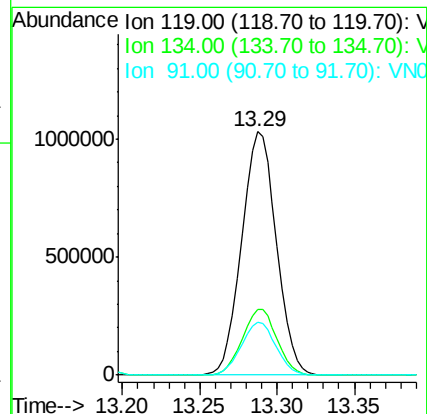
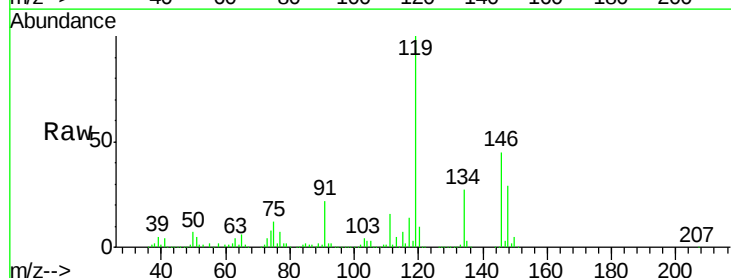
Tgt Ion:119 Resp: 1599651

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

91 21.6 11.0 33.0

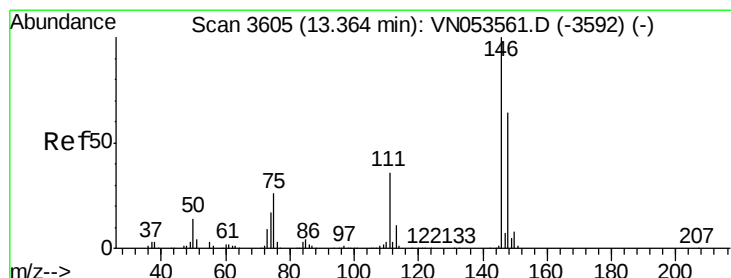
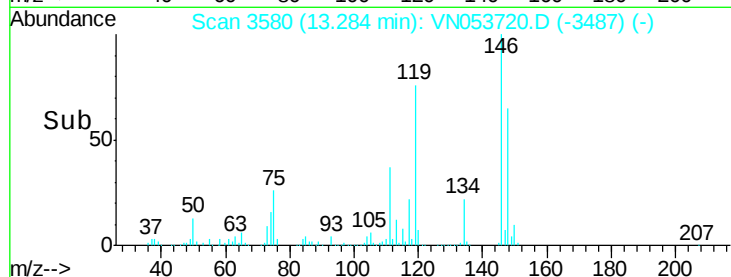
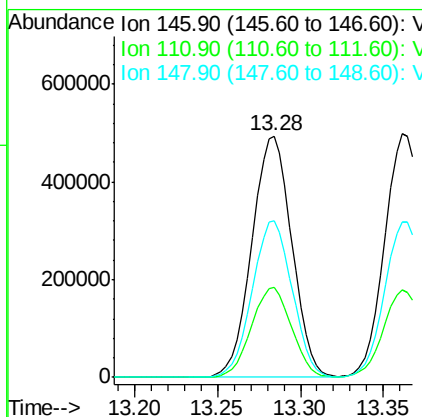
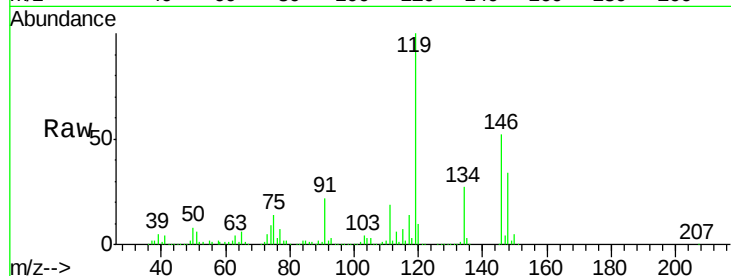




#87
 1,3-Dichlorobenzene
 Concen: 51.397 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

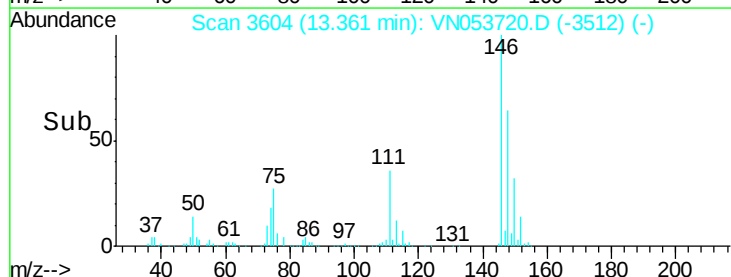
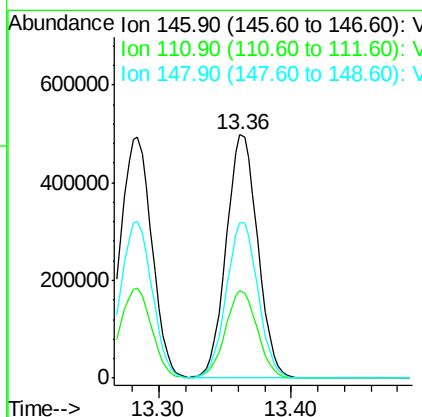
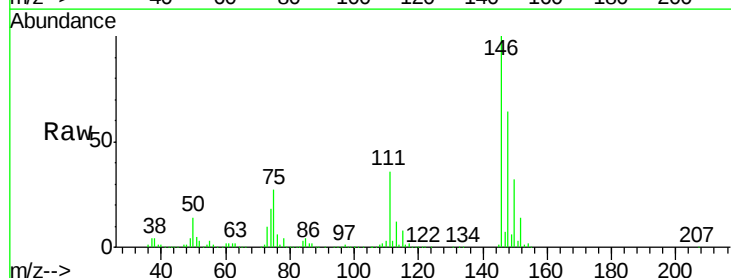
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 827633
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 51.481 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion:146 Resp: 820023
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.6 55.8
 148 64.4 32.4 97.0

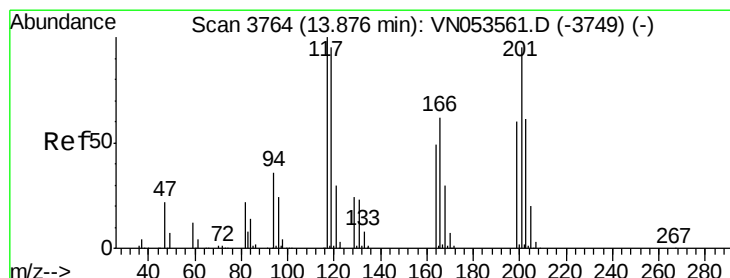
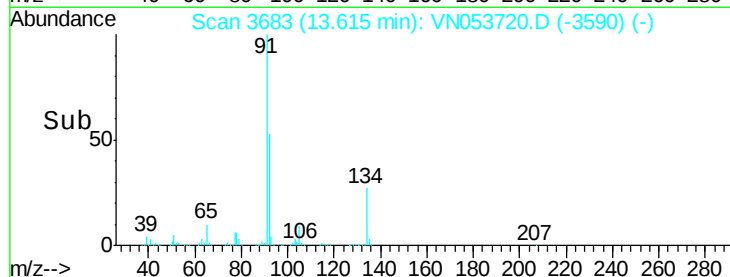
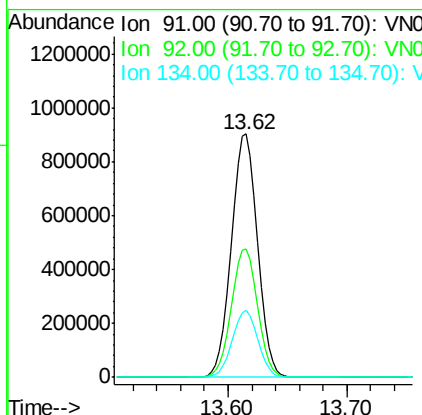
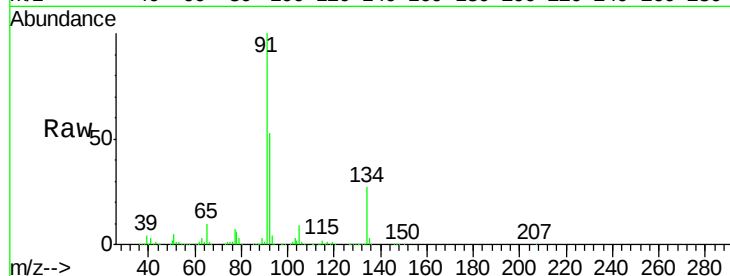




#89
n-Butylbenzene
Concen: 54.709 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

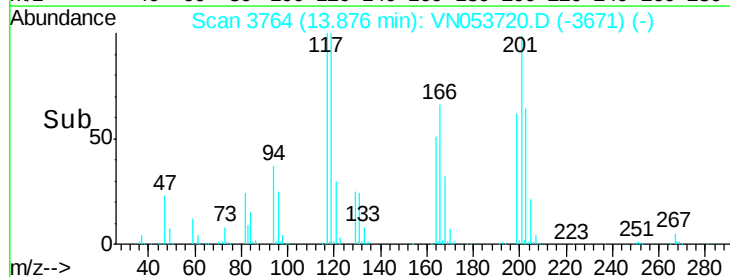
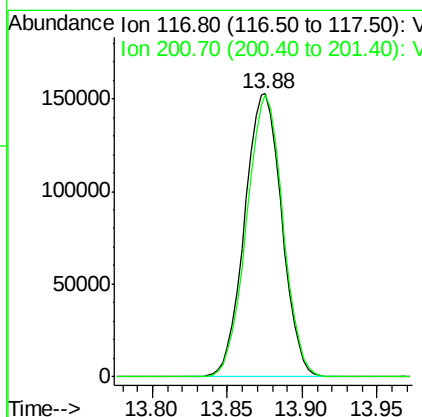
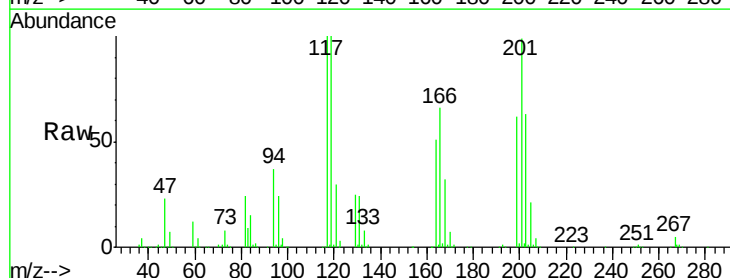
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

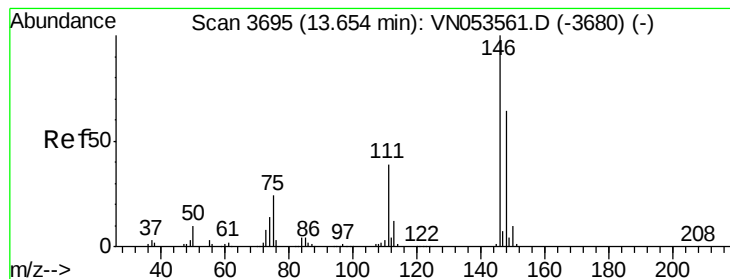
Tot Ion: 91 Resp: 1372847
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.8
134 27.1 13.5 40.5



#90
Hexachloroethane
Concen: 55.142 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN053720.D
Acq: 12 Feb 2019 10:15

Tgt Ion: 117 Resp: 263689
Ion Ratio Lower Upper
117 100
201 97.3 46.8 140.4





#91

1,2-Dichlorobenzene

Concen: 52.806 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

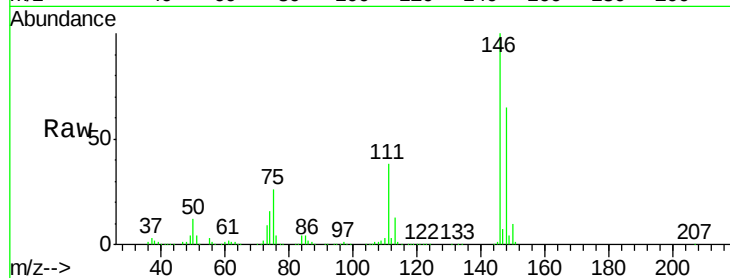
Tot Ion:146 Resp: 814051

Ion Ratio Lower Upper

146 100

111 38.3 19.5 58.5

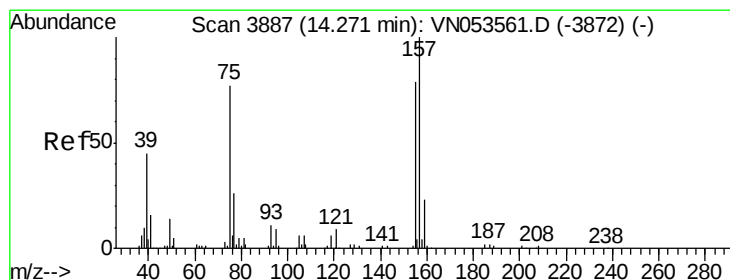
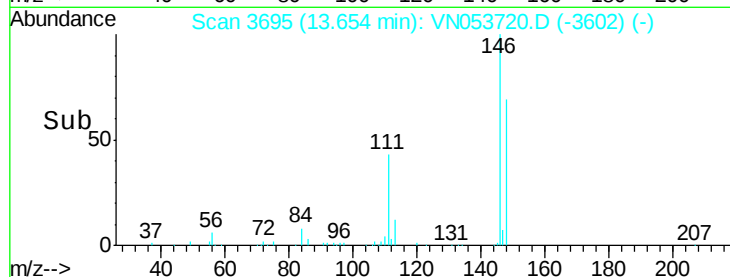
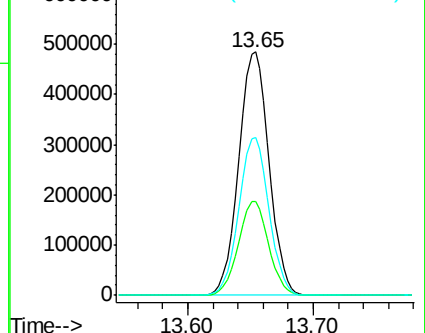
148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.694 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

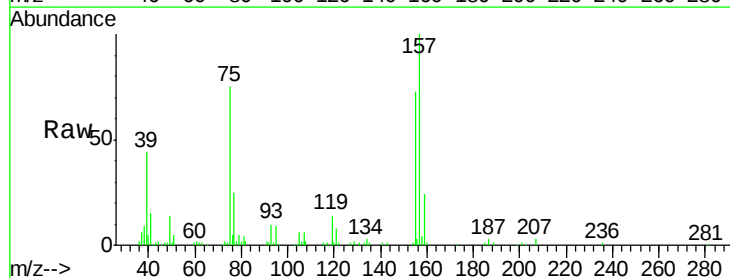
Tgt Ion: 75 Resp: 62003

Ion Ratio Lower Upper

75 100

155 99.5 48.9 146.7

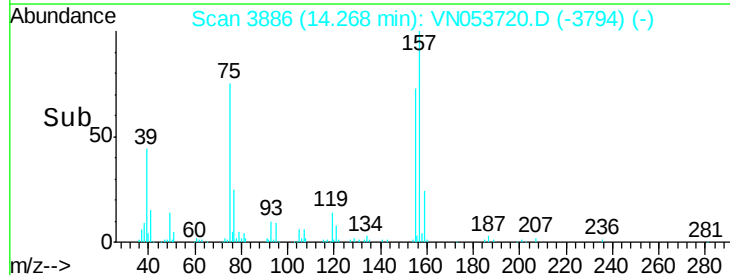
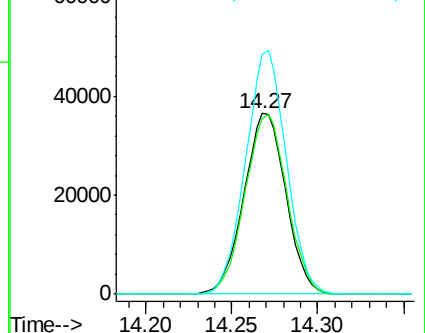
157 130.7 63.7 191.3



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

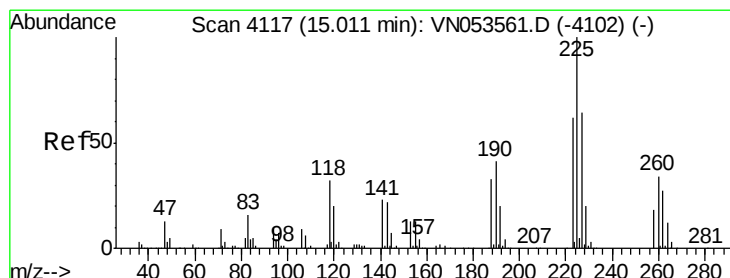
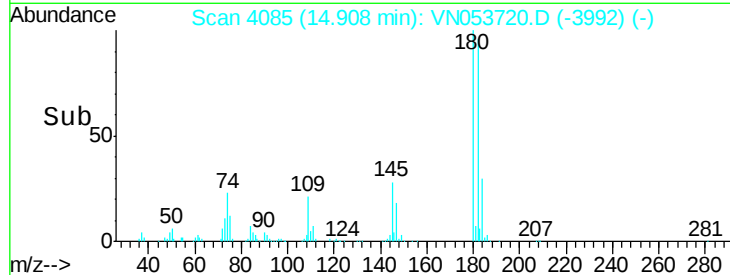
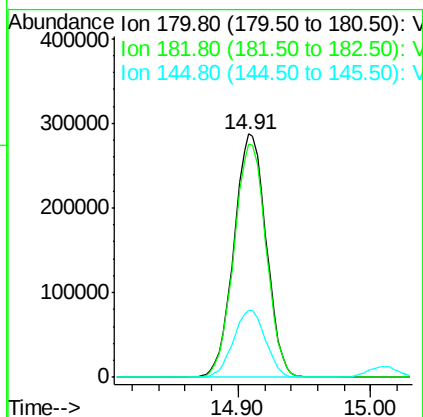
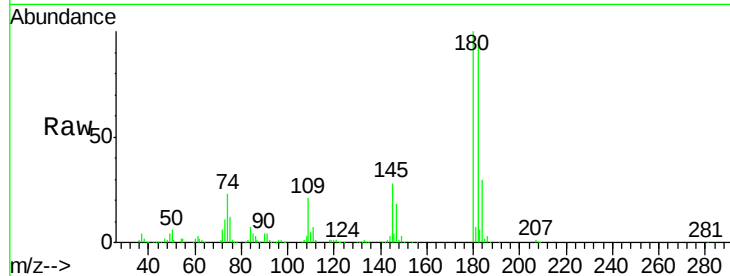




#93
 1,2,4-Trichlorobenzene
 Concen: 54.675 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

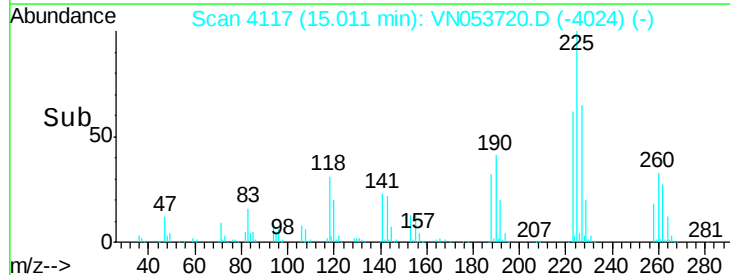
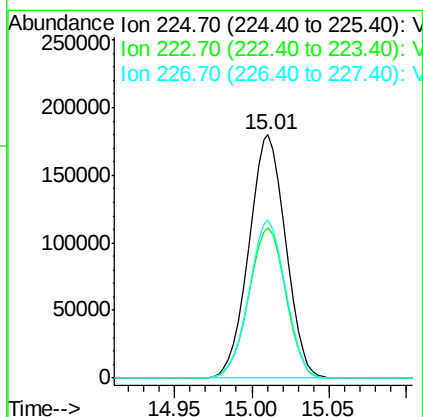
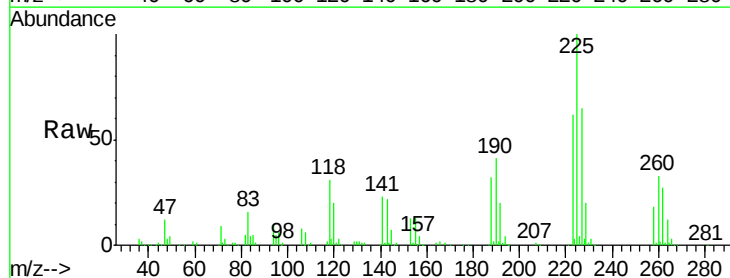
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.3
145	27.6	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 54.011 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN053720.D
 Acq: 12 Feb 2019 10:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.2
227	64.9	32.0	96.2





#95

Naphthalene

Concen: 47.739 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

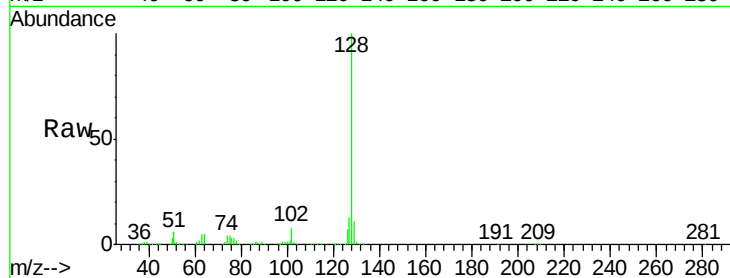
Tot Ion:128 Resp: 989815

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

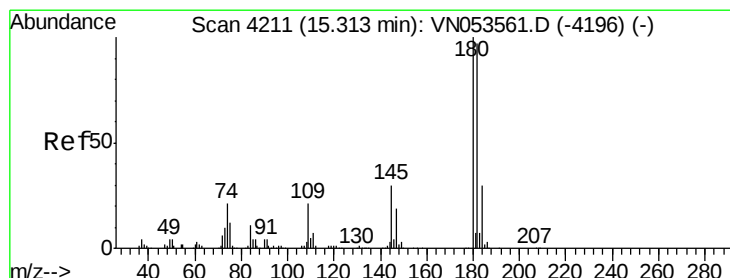
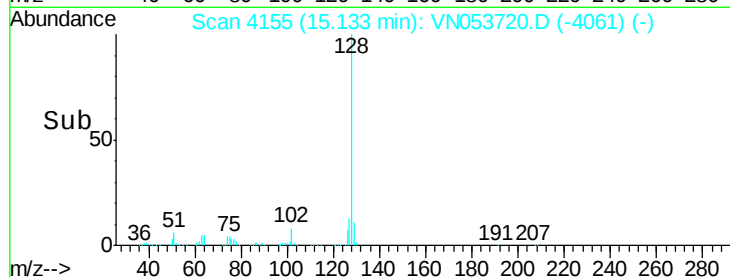
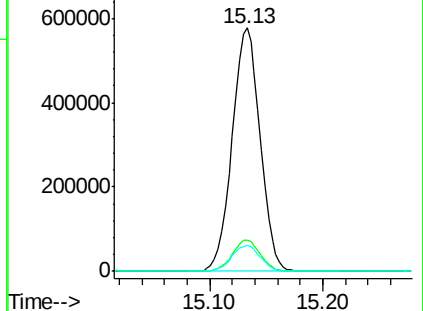
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.300 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN053720.D

Acq: 12 Feb 2019 10:15

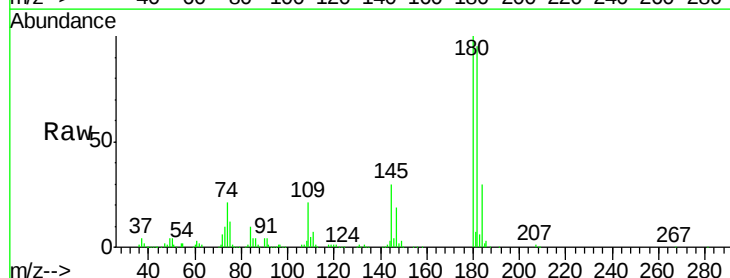
Tgt Ion:180 Resp: 453665

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.8

145 29.5 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

