

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052175.D
 Acq On : 6 Nov 2018 3:55
 Operator : MD\SY
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 06 05:21:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	352942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	625084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	263519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	227603	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	7.59	113	202785	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.09	98	790794	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.40	95	266605	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	156368	50.807	ug/l	97
3) Chloromethane	2.06	50	216222	52.051	ug/l	98
4) Vinyl Chloride	2.19	62	210498	52.907	ug/l	98
5) Bromomethane	2.57	94	139859	47.021	ug/l	96
6) Chloroethane	2.71	64	133212	52.365	ug/l	98
7) Trichlorofluoromethane	3.02	101	293227	50.737	ug/l	99
8) Diethyl Ether	3.41	74	105114	52.060	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	169090	48.961	ug/l	98
10) Methyl Iodide	3.96	142	246252	50.503	ug/l	99
11) Tert butyl alcohol	4.78	59	55283	303.861	ug/l	96
12) 1,1-Dichloroethene	3.74	96	164732	50.665	ug/l	99
13) Acrolein	3.61	56	46965	255.800	ug/l	98
14) Allyl chloride	4.33	41	268228	49.428	ug/l	93
15) Acrylonitrile	4.99	53	345069	289.714	ug/l	98
16) Acetone	3.82	43	226929	239.327	ug/l	95
17) Carbon Disulfide	4.06	76	466890	50.321	ug/l	98
18) Methyl Acetate	4.33	43	159156	52.820	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	493102	55.107	ug/l	95
20) Methylene Chloride	4.55	84	194740	49.429	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	182236	50.554	ug/l	97
22) Diisopropyl ether	5.95	45	648540	54.479	ug/l	98
23) Vinyl Acetate	5.90	43	2264114	287.735	ug/l	100
24) 1,1-Dichloroethane	5.85	63	357472	52.854	ug/l	99
25) 2-Butanone	6.84	43	395445	268.955	ug/l	100
26) 2,2-Dichloropropane	6.83	77	217685	41.125	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	218205	53.197	ug/l	97
28) Bromochloromethane	7.20	49	171419	53.569	ug/l	99
29) Tetrahydrofuran	7.21	42	271910	298.896	ug/l	98
30) Chloroform	7.37	83	366915	54.443	ug/l	98
31) Cyclohexane	7.66	56	323073	51.845	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	311168	52.410	ug/l	98
36) 1,1-Dichloropropene	7.80	75	270856	48.982	ug/l	99
37) Ethyl Acetate	6.93	43	188475	55.338	ug/l	98
38) Carbon Tetrachloride	7.78	117	276870	50.081	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	323602	49.413	ug/l	98
40) Benzene	8.04	78	824091	50.696	ug/l	99
41) Methacrylonitrile	7.17	41	79978	42.098	ug/l #	86
42) 1,2-Dichloroethane	8.12	62	269662	51.603	ug/l	99
43) Isopropyl Acetate	8.17	43	345058	54.689	ug/l #	89
44) Trichloroethene	8.84	130	217246	50.478	ug/l	98
45) 1,2-Dichloropropane	9.12	63	222227	51.621	ug/l	98
46) Dibromomethane	9.21	93	137509	50.225	ug/l	97
47) Bromodichloromethane	9.40	83	283057	53.012	ug/l	99
48) Methyl methacrylate	9.20	41	167710	55.228	ug/l	98
49) 1,4-Dioxane	9.20	88	29662	1153.162	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	950844	285.258	ug/l	100
52) Toluene	10.16	92	512231	52.255	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	270012	51.548	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	317094	51.733	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	189614	54.864	ug/l	99
56) Ethyl methacrylate	10.43	69	246878	54.803	ug/l	99
57) 1,3-Dichloropropane	10.71	76	323629	53.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	698884	288.274	ug/l	100
59) 2-Hexanone	10.75	43	638880	275.335	ug/l	99
60) Dibromochloromethane	10.90	129	208000	52.922	ug/l	99
61) 1,2-Dibromoethane	11.01	107	195299	55.668	ug/l	99
64) Tetrachloroethene	10.63	164	194832	52.589	ug/l	97
65) Chlorobenzene	11.43	112	585808	50.259	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	205468	52.491	ug/l	97
67) Ethyl Benzene	11.51	91	986108	50.937	ug/l	98
68) m/p-Xylenes	11.62	106	767999	102.812	ug/l	100
69) o-Xylene	11.95	106	376605	51.986	ug/l	99
70) Styrene	11.96	104	601859	52.481	ug/l	99
71) Bromoform	12.13	173	125710	48.267	ug/l #	100
73) Isopropylbenzene	12.25	105	982738	49.323	ug/l	99
74) N-amyl acetate	12.07	43	324036	54.805	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	228311	52.349	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	289324	69.766	ug/l #	100
77) Bromobenzene	12.53	156	235407	49.546	ug/l	97
78) n-propylbenzene	12.59	91	1126680	49.479	ug/l	100
79) 2-Chlorotoluene	12.67	91	644151	48.240	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	789161	48.931	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59189	51.105	ug/l	98
82) 4-Chlorotoluene	12.77	91	658298	49.050	ug/l	100
83) tert-Butylbenzene	12.99	119	692582	48.633	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	795991	49.581	ug/l	99
85) sec-Butylbenzene	13.17	105	942235	48.931	ug/l	100
86) p-Isopropyltoluene	13.29	119	802736	49.527	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	414398	49.355	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	416297	49.604	ug/l	99
89) n-Butylbenzene	13.61	91	675754	48.150	ug/l	98
90) Hexachloroethane	13.87	117	140518	51.442	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	407990	51.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32686	56.775	ug/l	94

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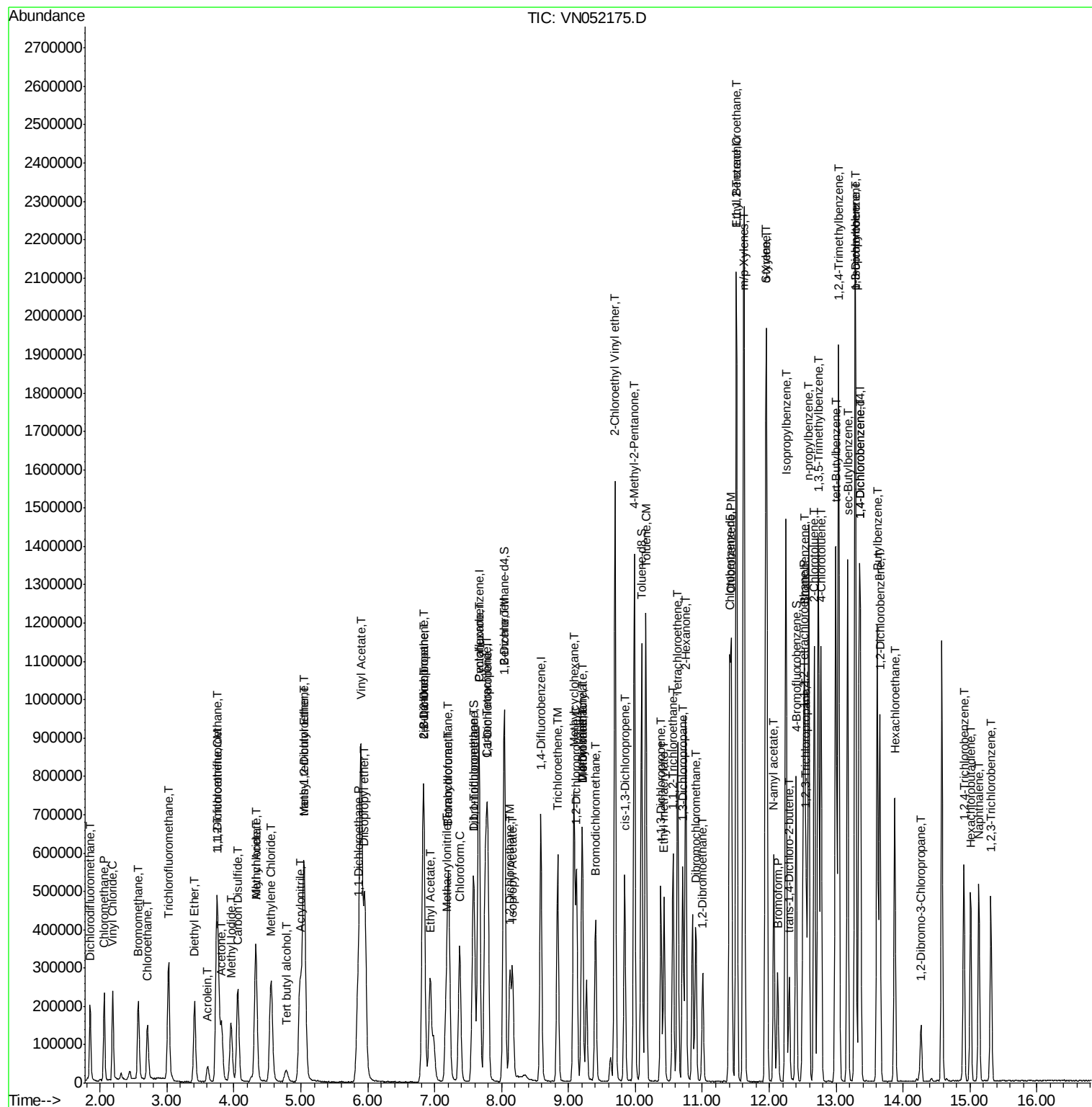
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	171945	46.435	ug/l	100
94) Hexachlorobutadiene	15.01	225	85360	46.071	ug/l	99
95) Naphthalene	15.13	128	436212	54.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	161766	50.528	ug/l	98

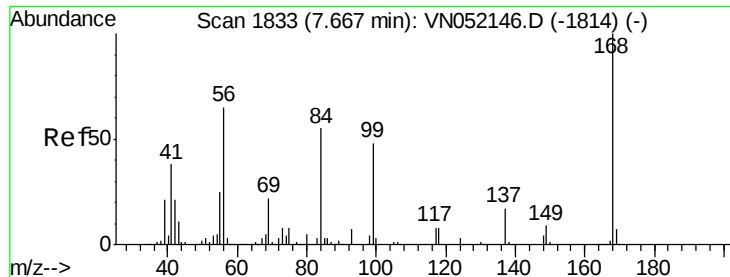
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

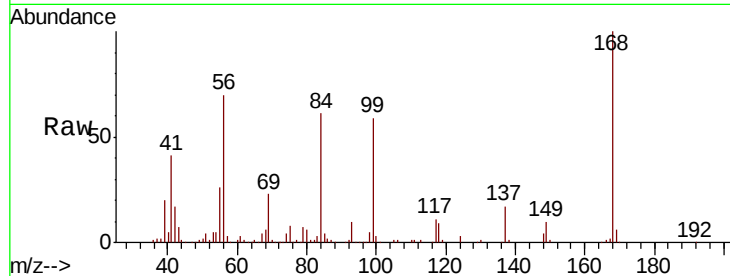
VSTDCCC050EC

Tot Ion:168 Resp: 352942

Ion Ratio Lower Upper

168 100

99 58.7 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

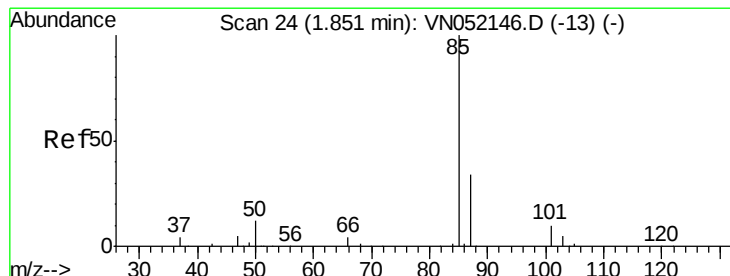
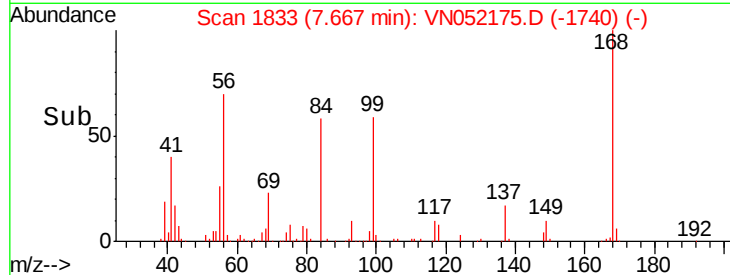
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.807 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052175.D

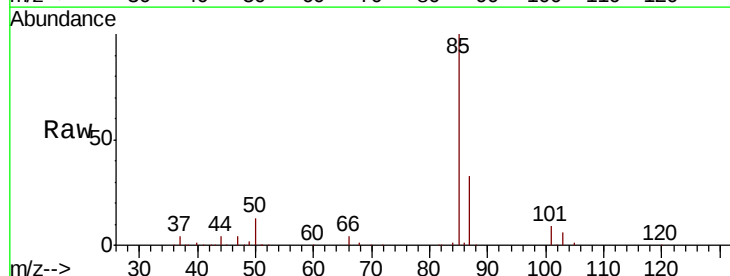
Acq: 6 Nov 2018 3:55

Tgt Ion: 85 Resp: 156368

Ion Ratio Lower Upper

85 100

87 32.6 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

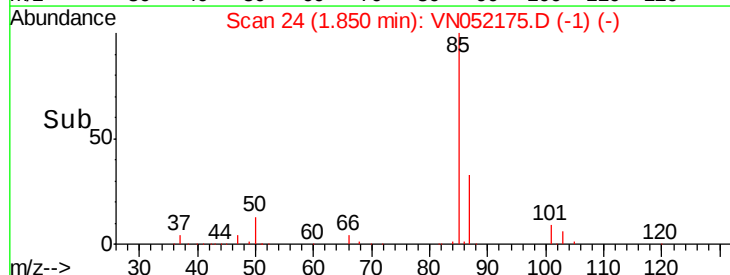
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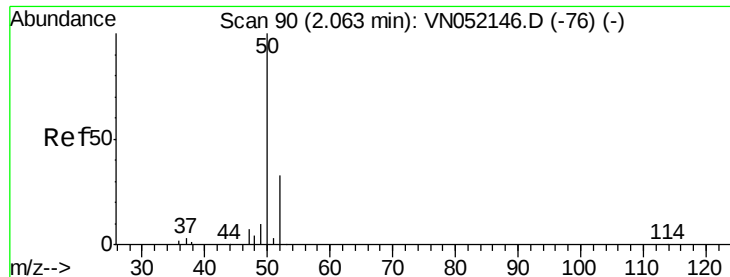
40000

20000

0

Time-->





#3

Chloromethane

Concen: 52.051 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

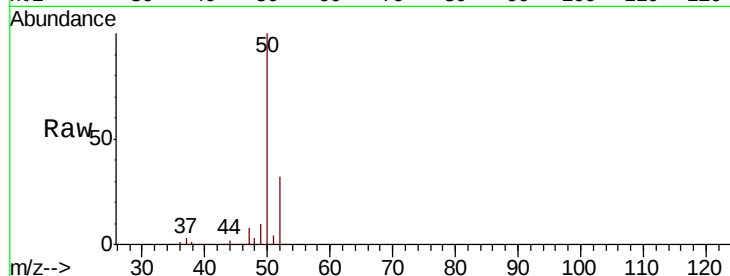
VSTDCCC050EC

Tot Ion: 50 Resp: 216222

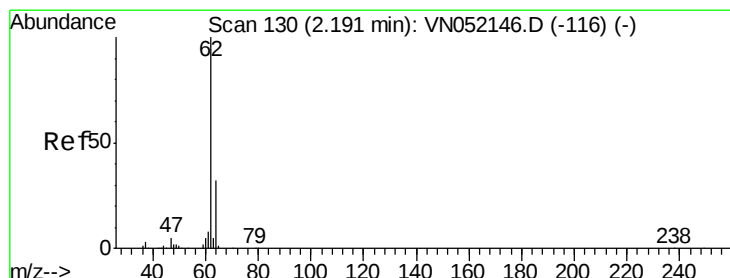
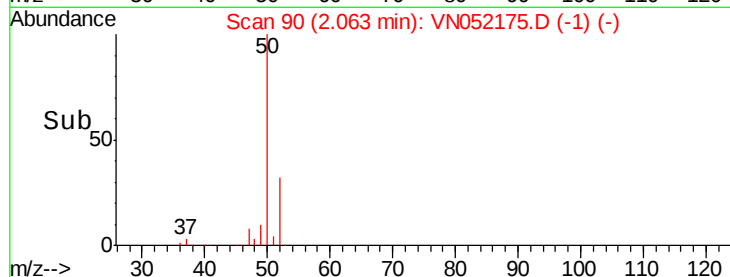
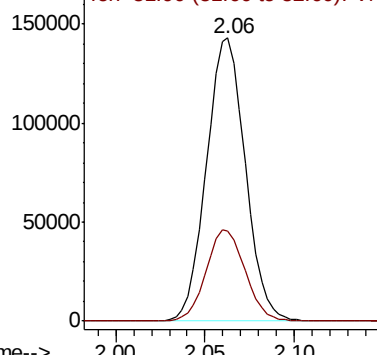
Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.4



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



#4

Vinyl Chloride

Concen: 52.907 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052175.D

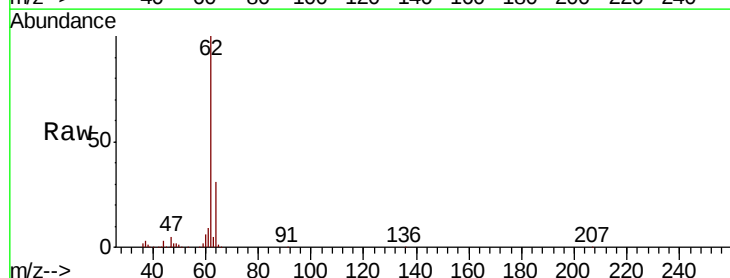
Acq: 6 Nov 2018 3:55

Tgt Ion: 62 Resp: 210498

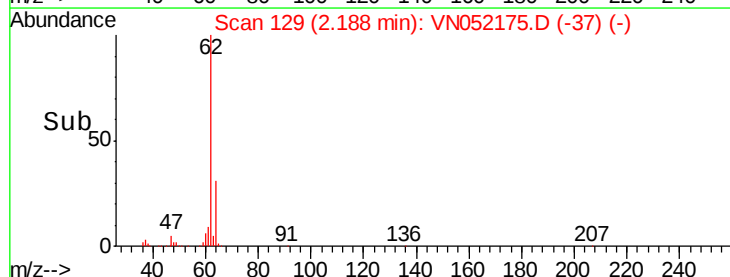
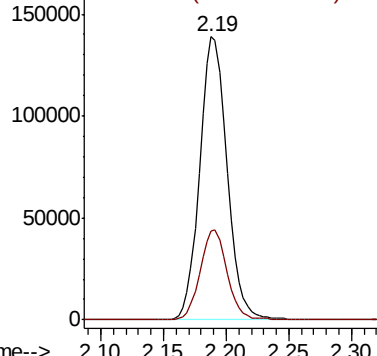
Ion Ratio Lower Upper

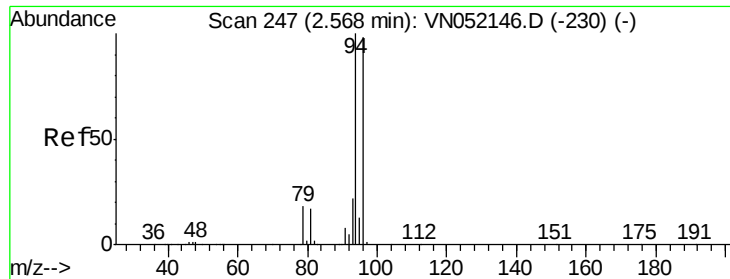
62 100

64 31.2 25.8 38.6



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





#5

Bromomethane

Concen: 47.021 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

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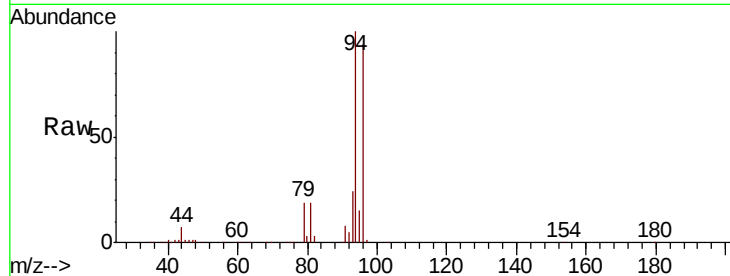
VSTDCCC050EC

Tot Ion: 94 Resp: 139859

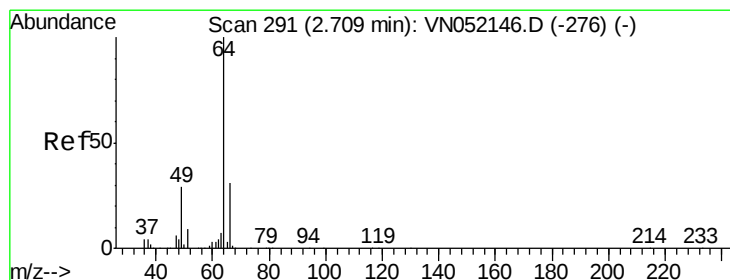
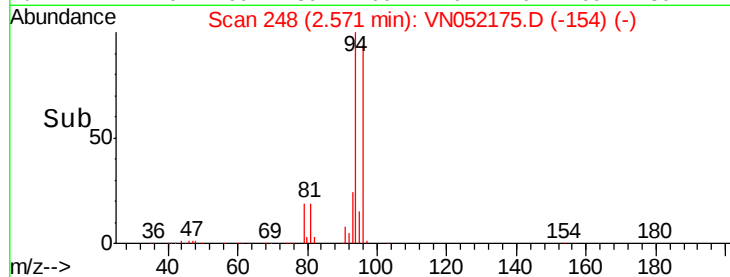
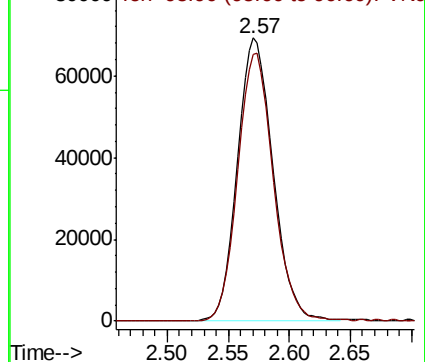
Ion Ratio Lower Upper

94 100

96 94.4 78.3 117.5



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 52.365 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052175.D

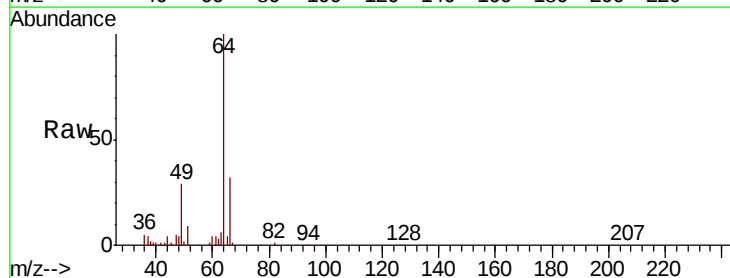
Acq: 6 Nov 2018 3:55

Tgt Ion: 64 Resp: 133212

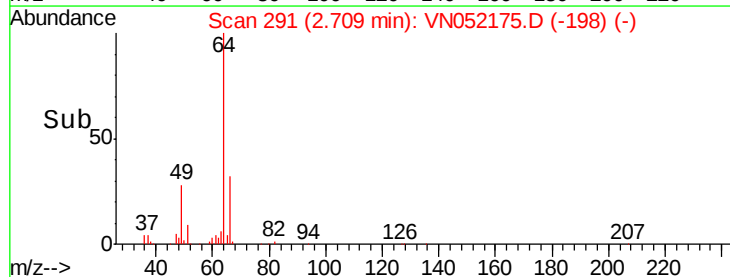
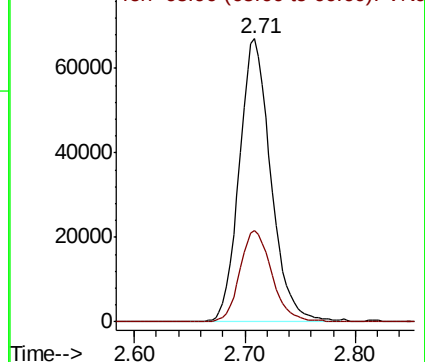
Ion Ratio Lower Upper

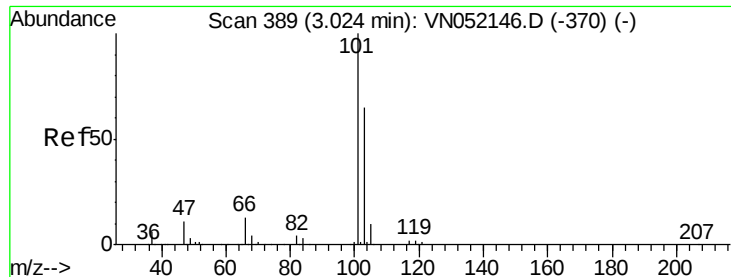
64 100

66 32.3 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



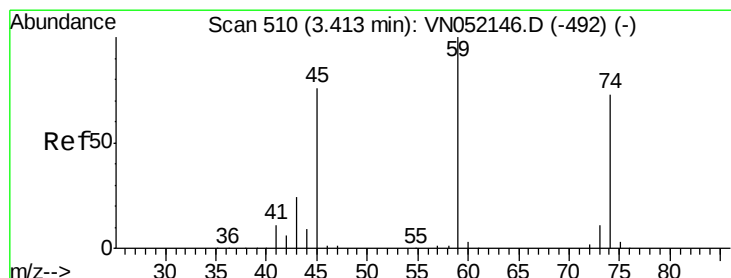
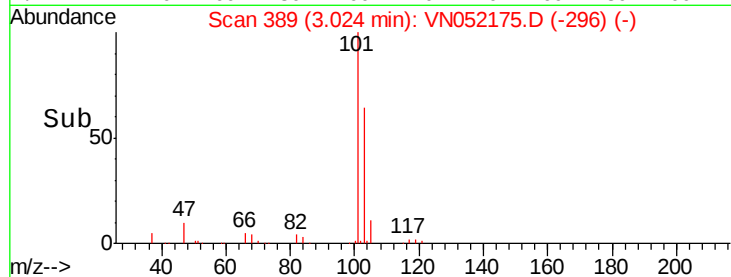
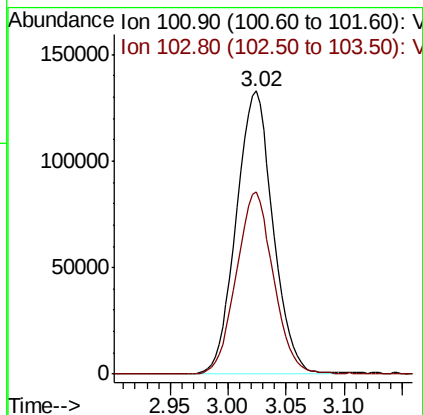
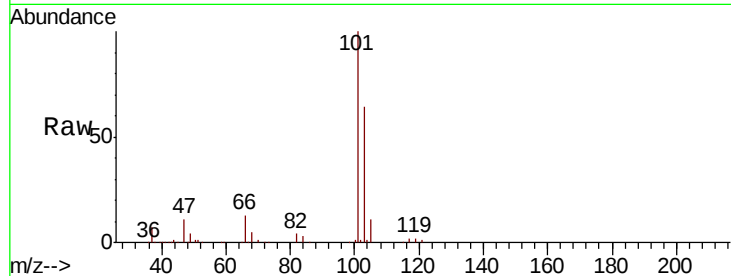


#7

Trichlorofluoromethane
 Concen: 50.737 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Instrument :
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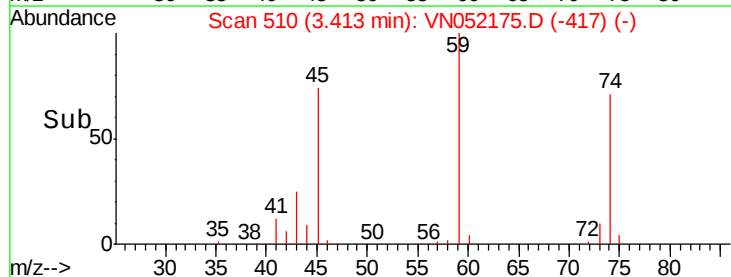
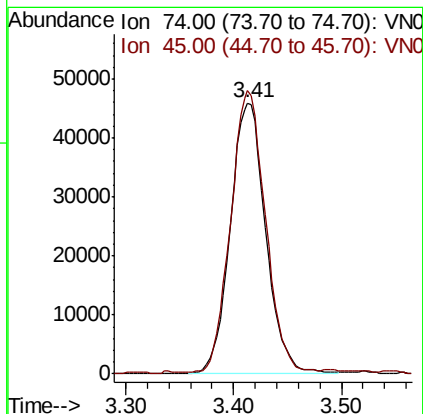
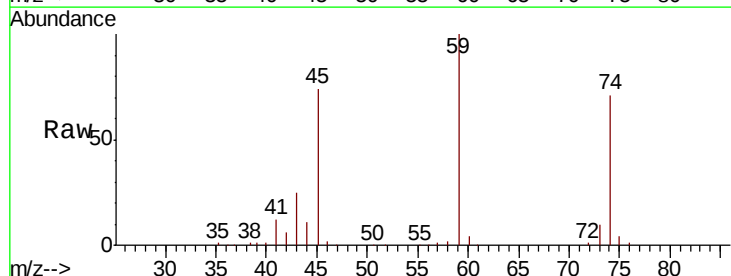
Tot Ion:101 Resp: 293227
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.4

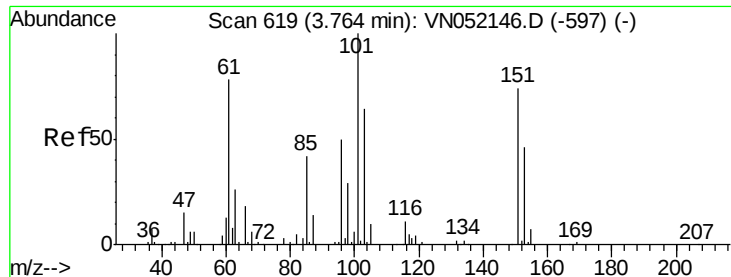


#8

Diethyl Ether
 Concen: 52.060 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion: 74 Resp: 105114
 Ion Ratio Lower Upper
 74 100
 45 101.7 49.1 147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.961 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052175.D

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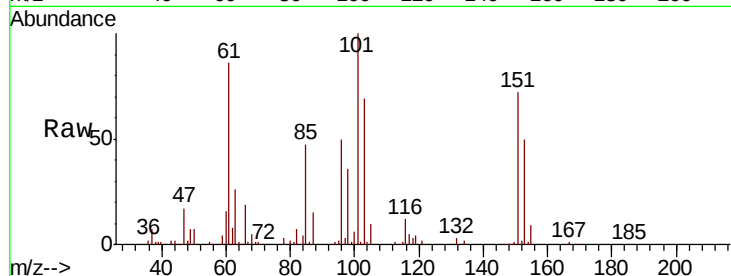
Tot Ion:101 Resp: 169090

Ion Ratio Lower Upper

101 100

85 46.5 36.1 54.1

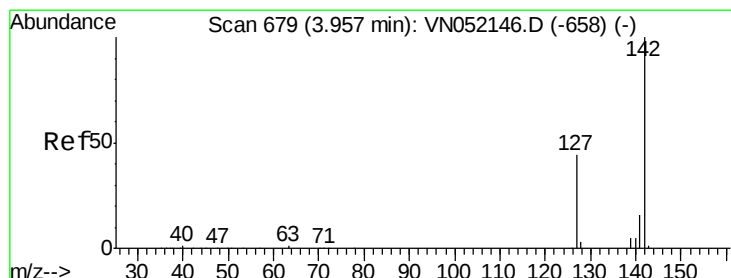
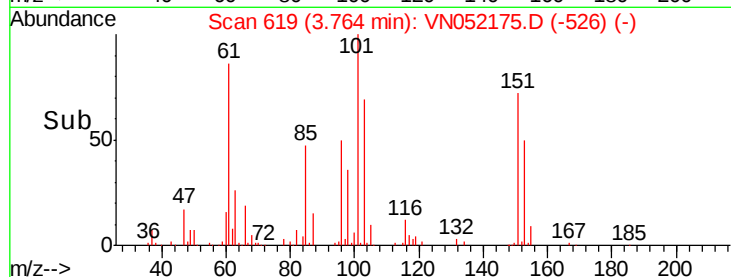
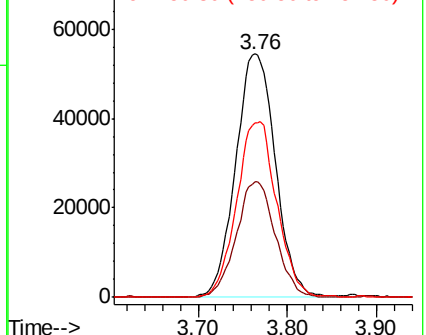
151 72.7 59.7 89.5



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: 50.503 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

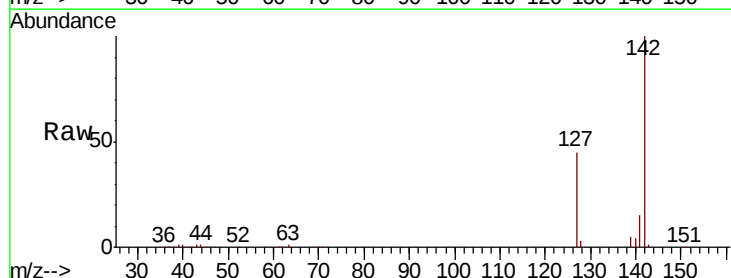
Tgt Ion:142 Resp: 246252

Ion Ratio Lower Upper

142 100

127 44.6 36.0 54.0

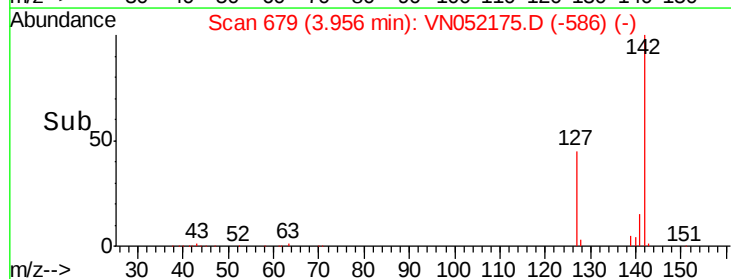
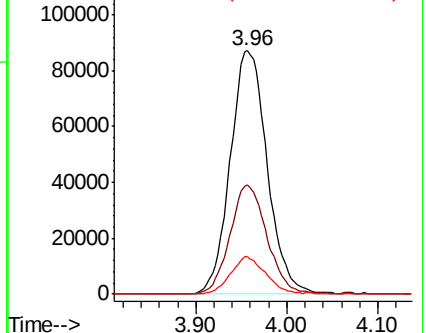
141 14.5 11.8 17.6

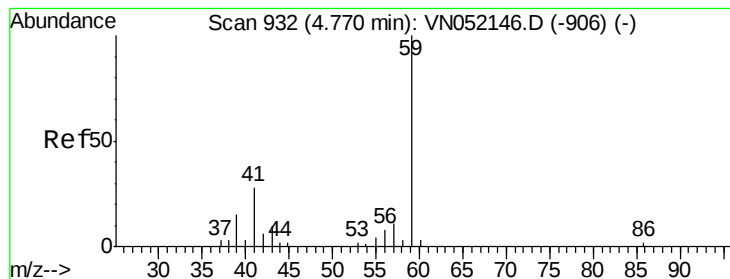


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



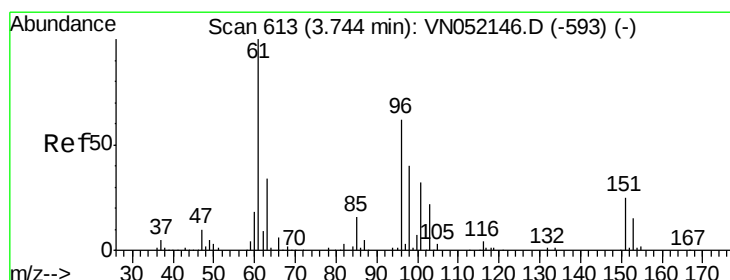
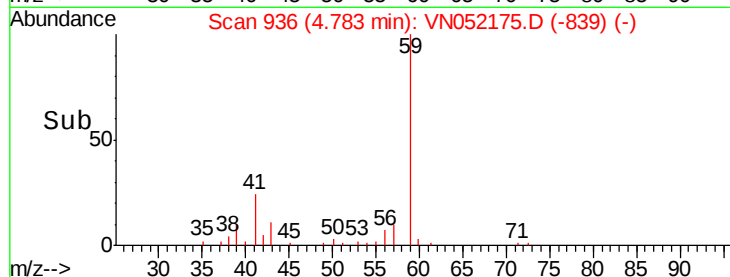
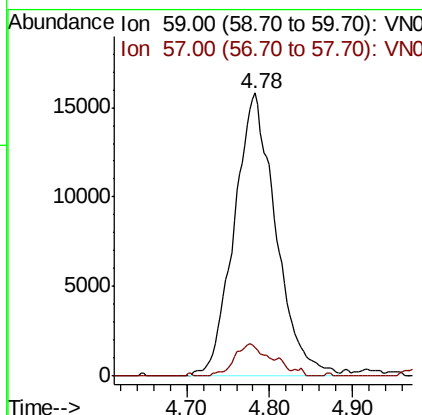
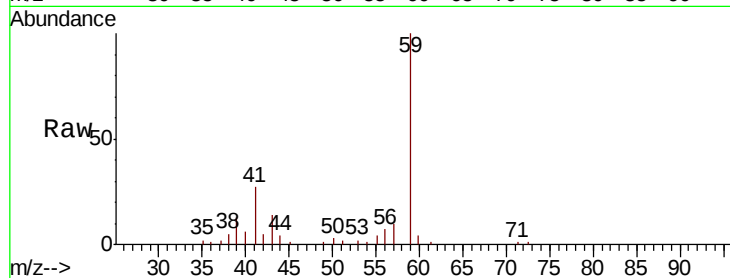


#11

Tert butyl alcohol
 Concen: 303.861 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

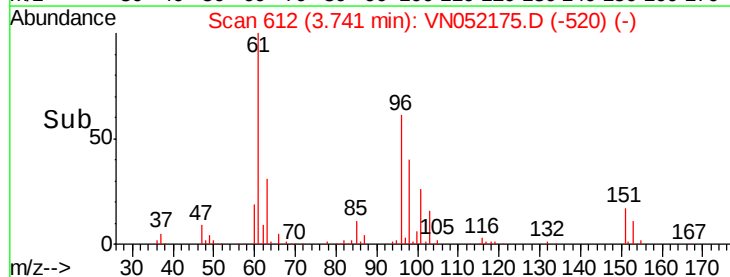
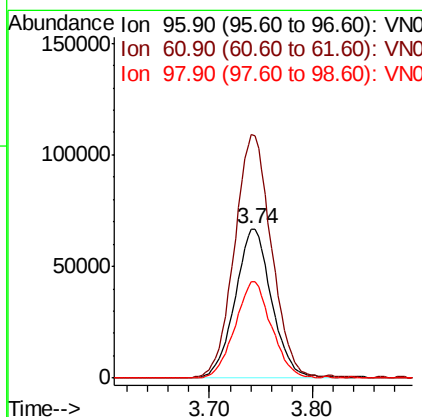
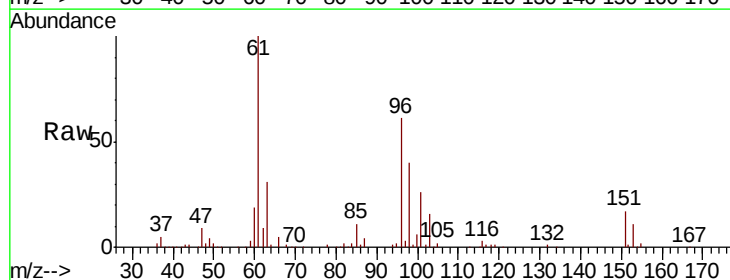
Tot Ion: 59 Resp: 55283
 Ion Ratio Lower Upper
 59 100
 57 8.5 5.7 8.5

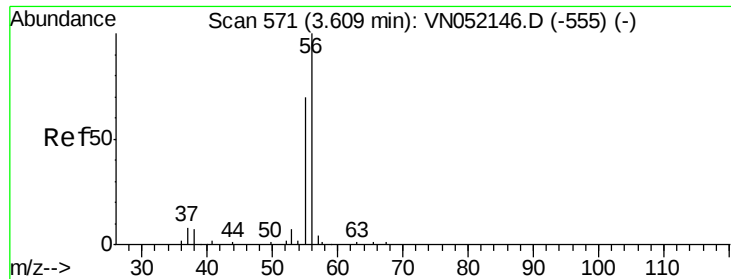


#12

1,1-Dichloroethene
 Concen: 50.665 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion: 96 Resp: 164732
 Ion Ratio Lower Upper
 96 100
 61 162.6 128.4 192.6
 98 64.5 50.9 76.3

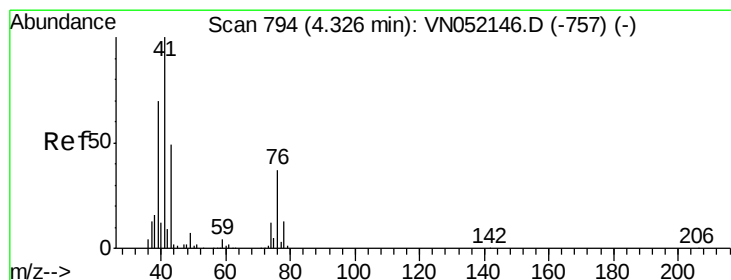
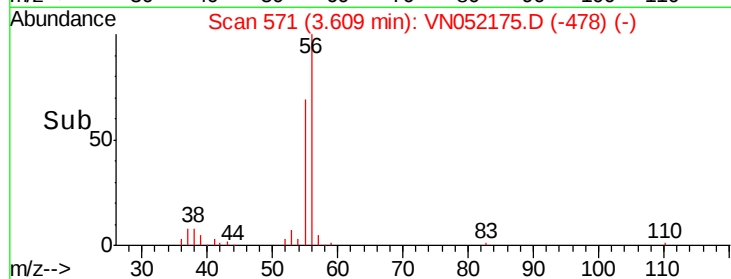
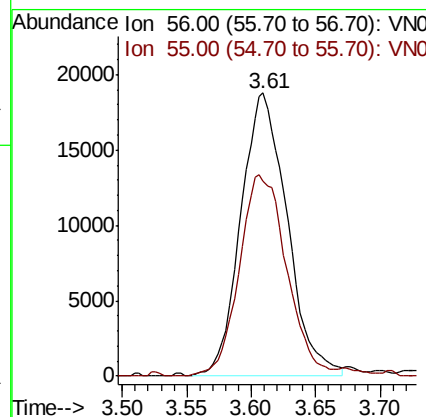
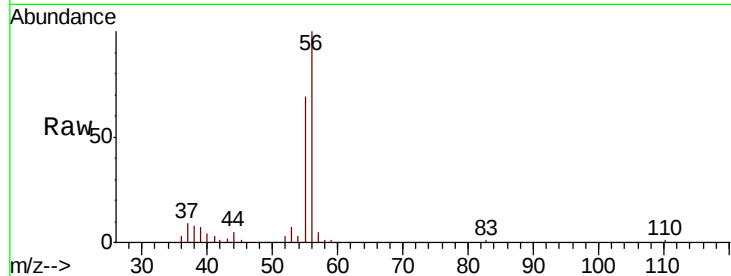




#13
 Acrolein
 Concen: 255.800 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

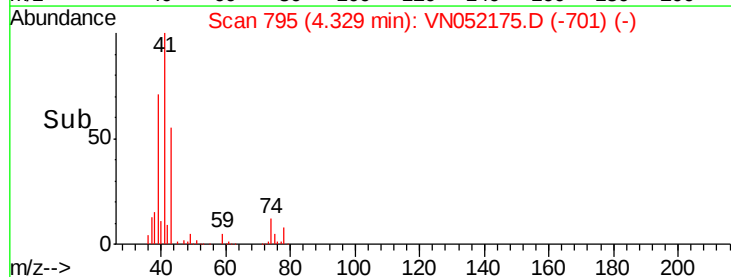
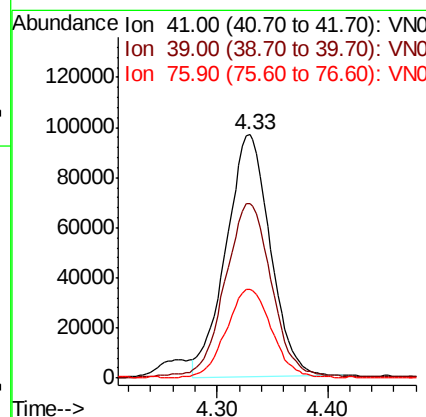
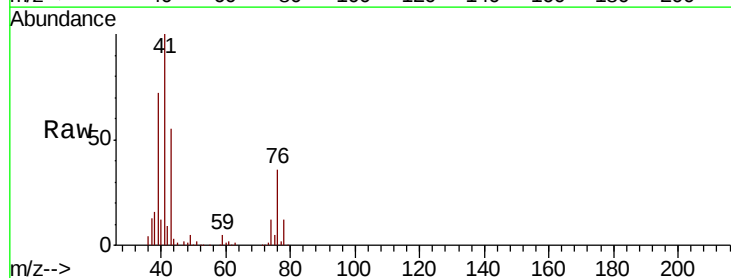
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

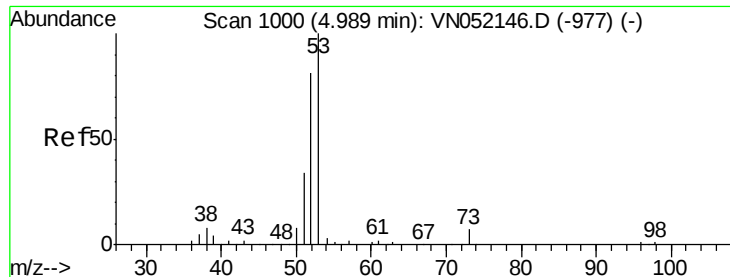
Tot Ion: 56 Resp: 46965
 Ion Ratio Lower Upper
 56 100
 55 72.7 56.6 84.8



#14
 Allyl chloride
 Concen: 49.428 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion: 41 Resp: 268228
 Ion Ratio Lower Upper
 41 100
 39 75.9 55.3 82.9
 76 37.9 27.8 41.8





#15

Acrylonitrile

Concen: 289.714 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

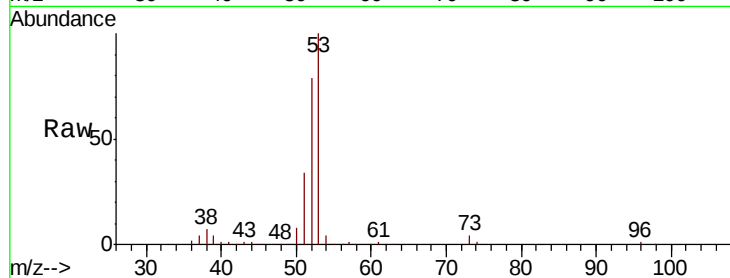
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 345069

Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.5	99.7
51	36.6	29.2	43.8

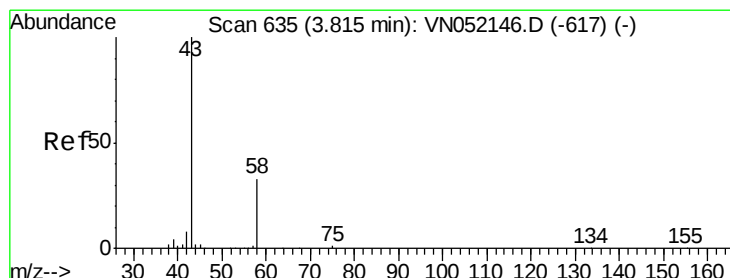
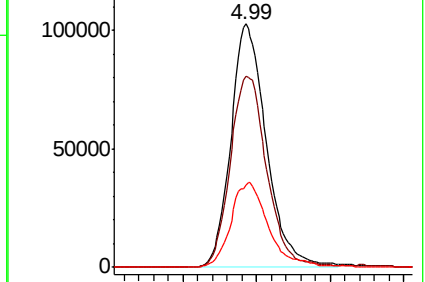
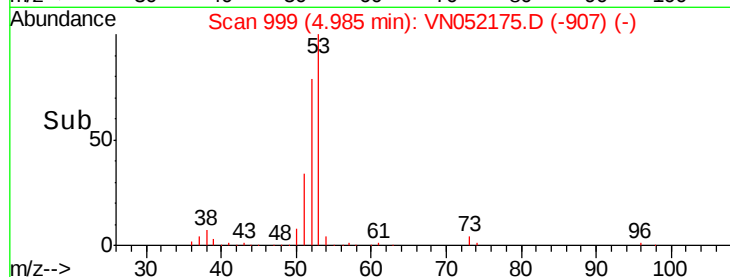


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 239.327 ug/l

RT: 3.82 min Scan# 635

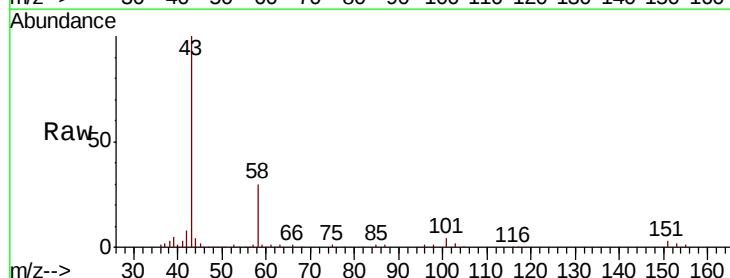
Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Tgt Ion: 43 Resp: 226929

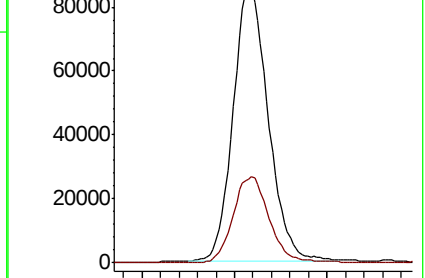
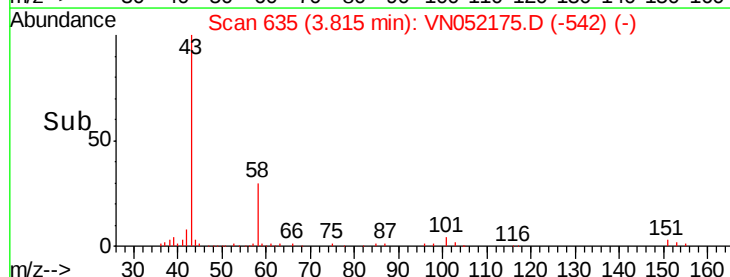
Ion	Ratio	Lower	Upper
43	100		
58	29.9	26.2	39.2

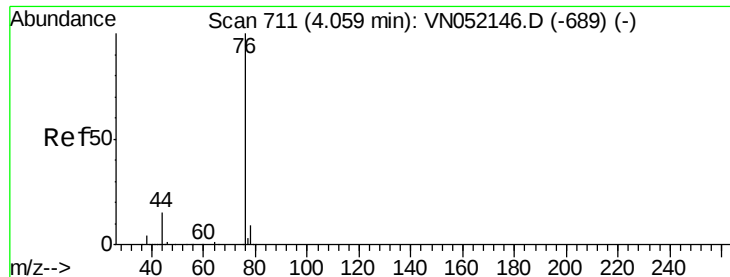


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

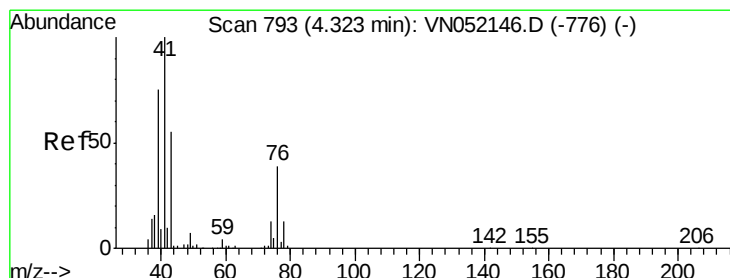
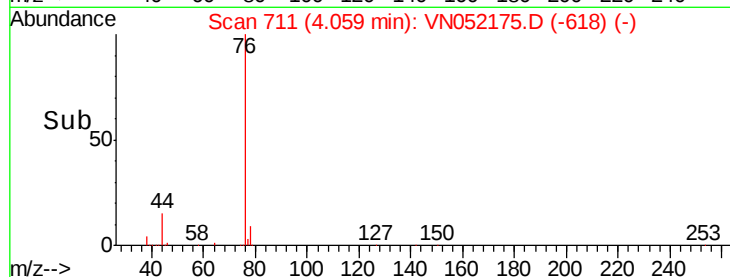
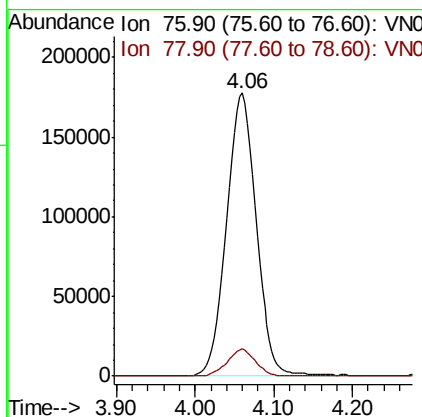
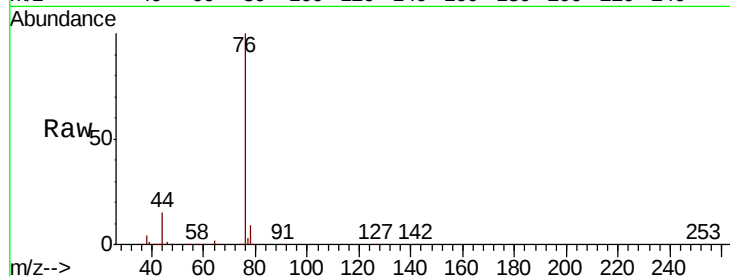




#17
Carbon Disulfide
Concen: 50.321 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

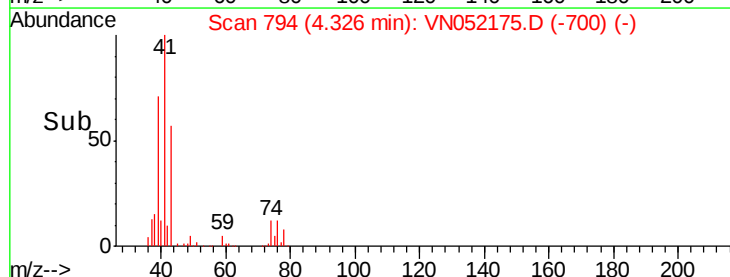
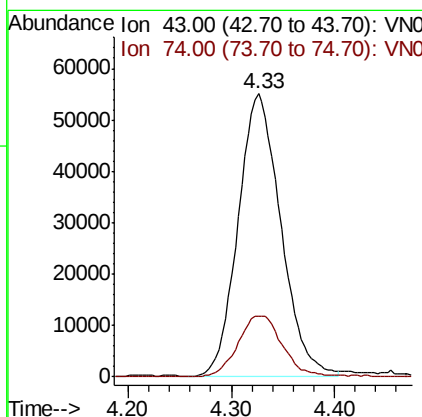
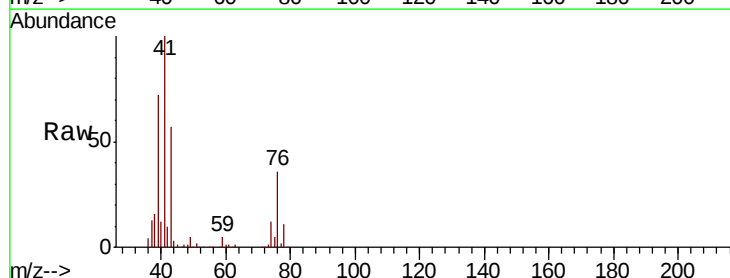
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

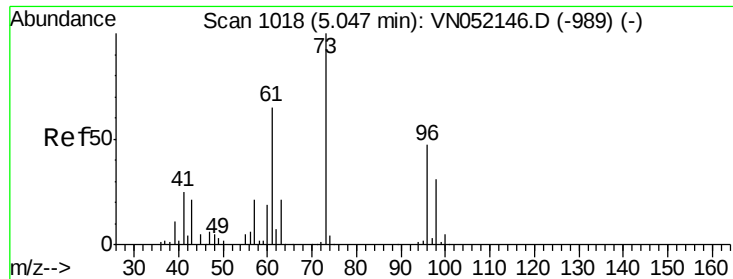
Tot Ion: 76 Resp: 466890
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 52.820 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 43 Resp: 159156
Ion Ratio Lower Upper
43 100
74 22.4 19.3 28.9

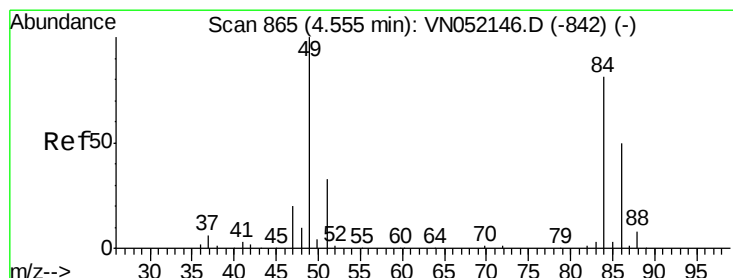
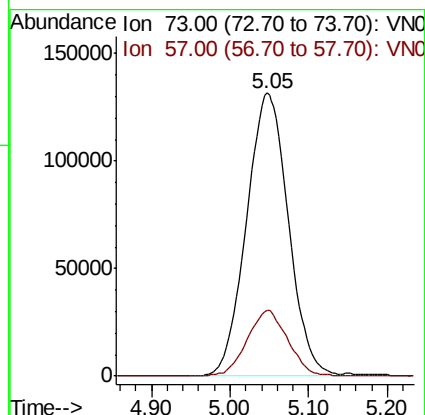
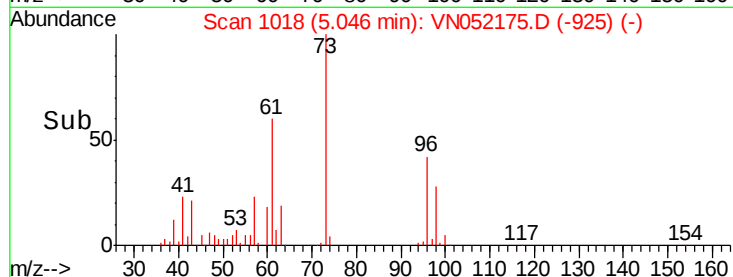
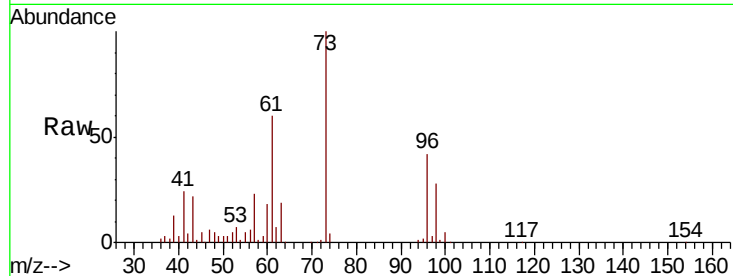




#19
Methvl tert-butvl Ether
Concen: 55.107 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

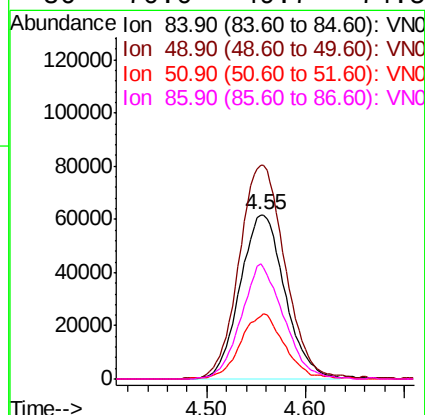
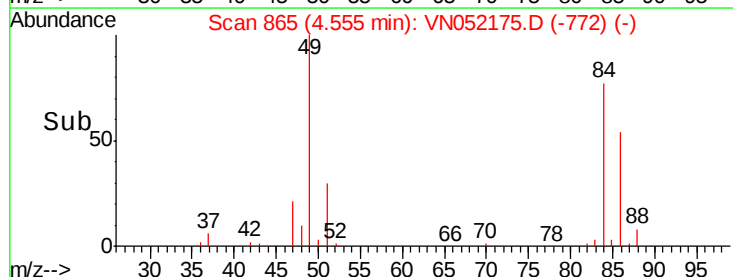
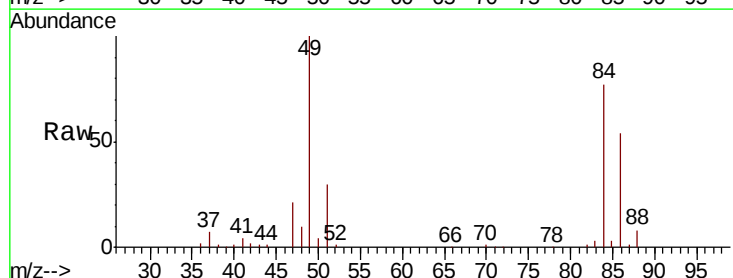
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

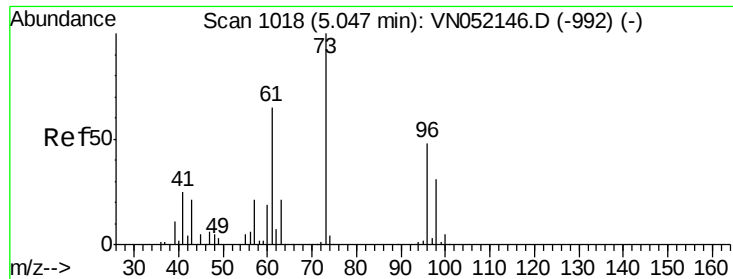
Tot Ion: 73 Resp: 493102
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2



#20
Methylene Chloride
Concen: 49.429 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 84 Resp: 194740
Ion Ratio Lower Upper
84 100
49 129.5 98.4 147.6
51 38.1 32.5 48.7
86 70.0 49.7 74.5

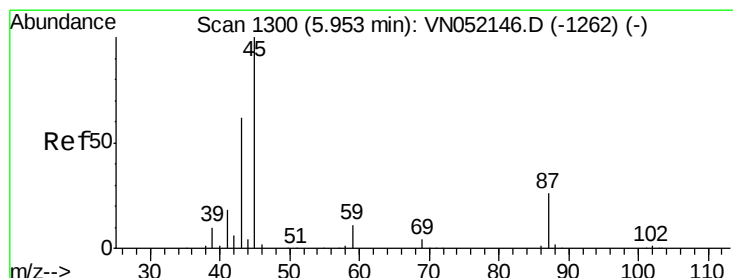
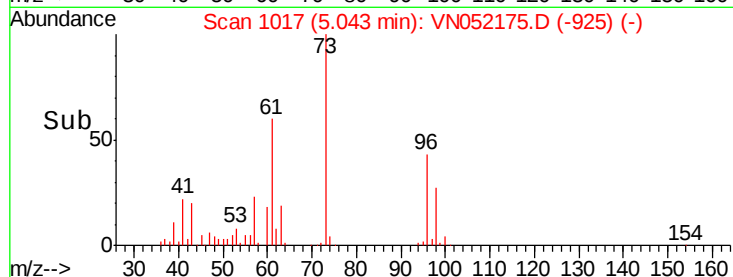
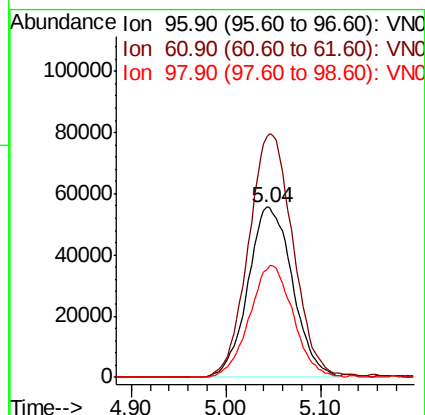
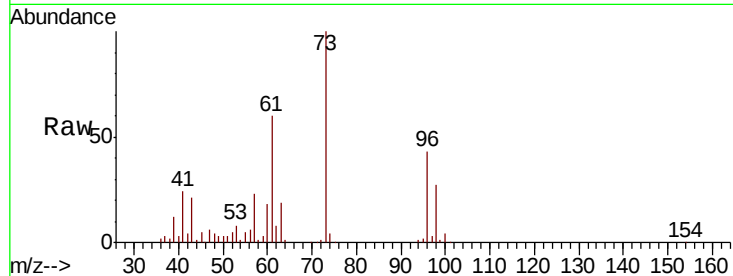




#21
trans-1,2-Dichloroethene
Concen: 50.554 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

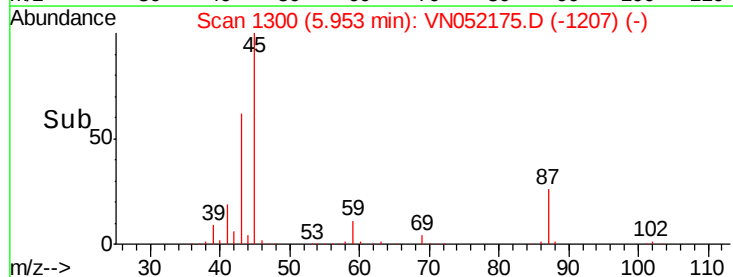
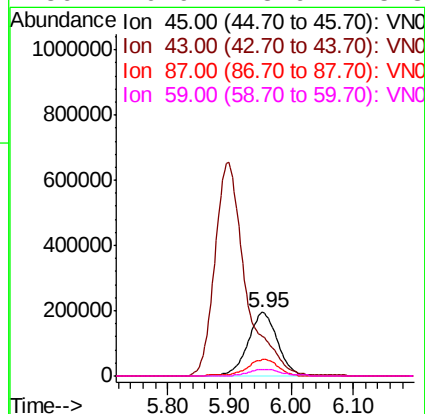
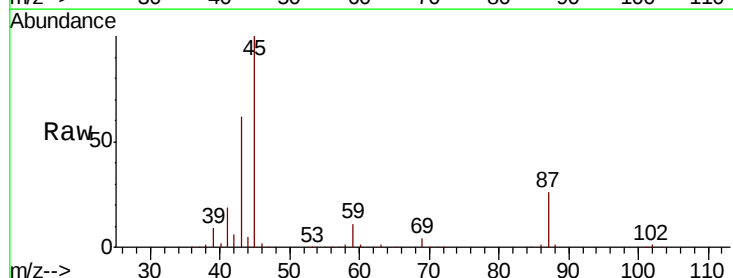
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

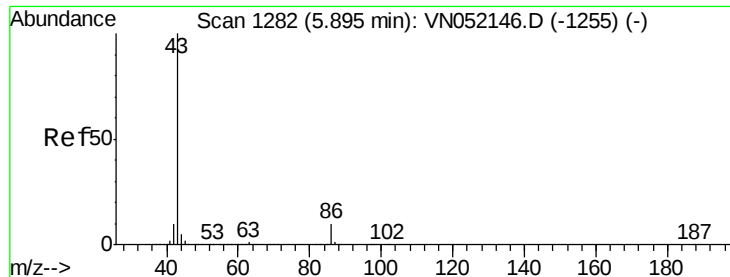
Tot Ion: 96 Resp: 182236
Ion Ratio Lower Upper
96 100
61 141.2 109.6 164.4
98 63.6 52.0 78.0



#22
Diisopropyl ether
Concen: 54.479 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 45 Resp: 648540
Ion Ratio Lower Upper
45 100
43 60.4 49.8 74.6
87 25.4 21.1 31.7
59 10.9 8.9 13.3

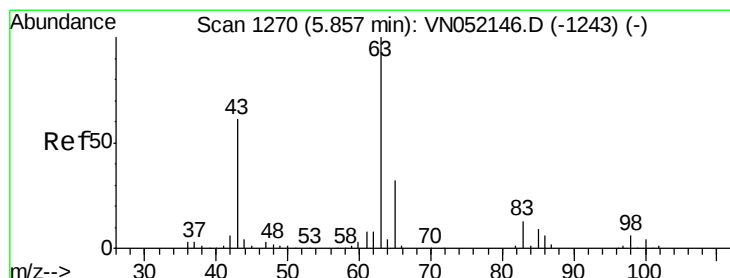
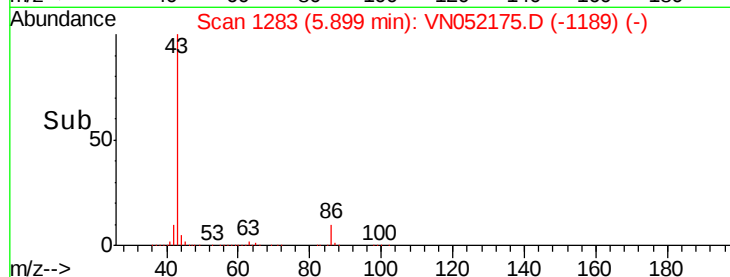
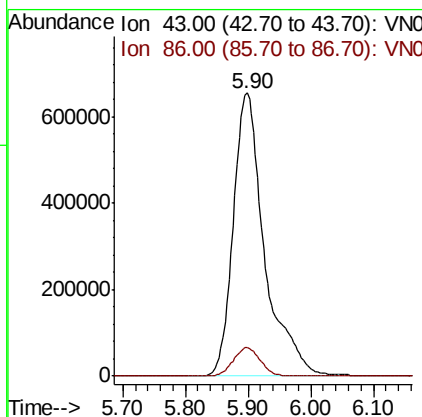
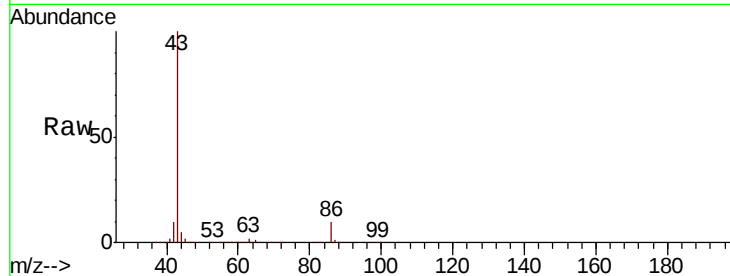




#23
 Vinyl Acetate
 Concen: 287.735 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

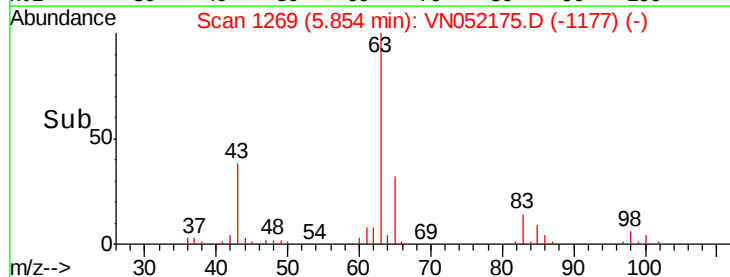
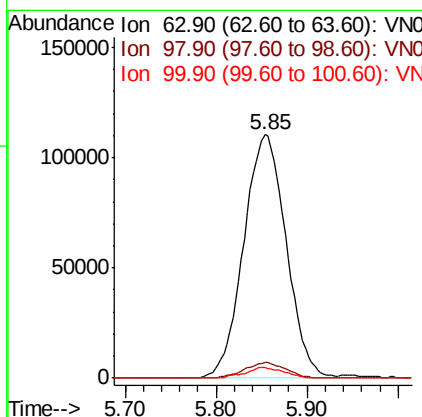
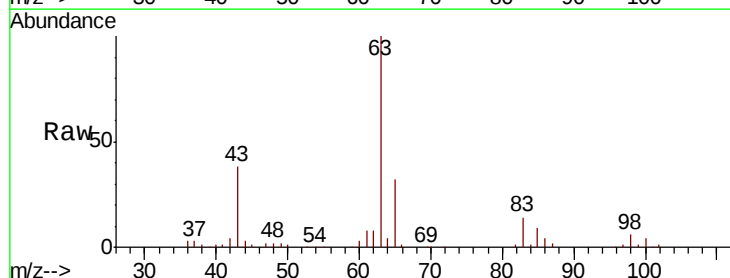
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

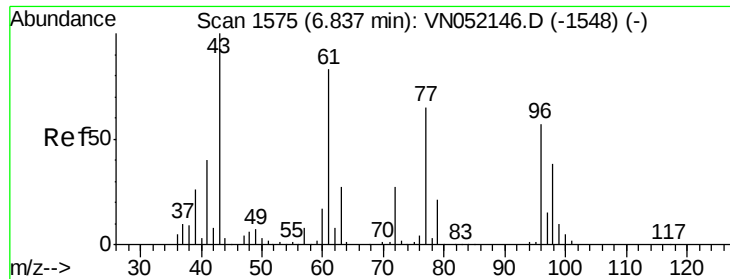
Tot Ion: 43 Resp: 2264114
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 52.854 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion: 63 Resp: 357472
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.4 2.1 6.2

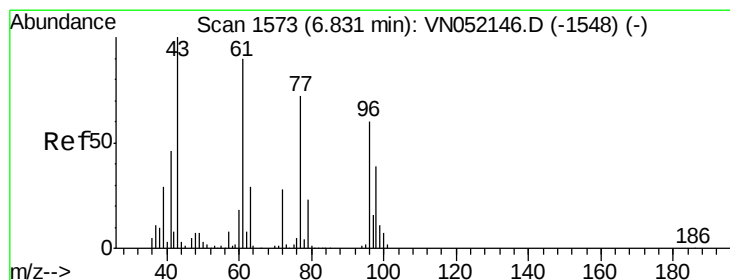
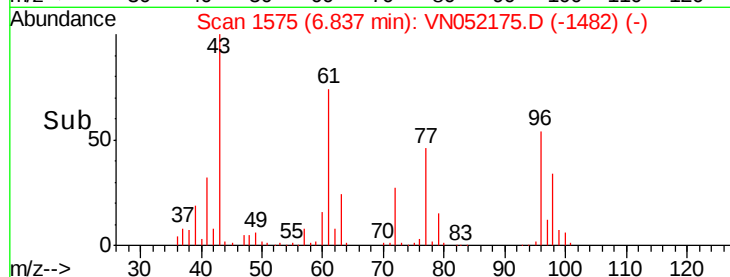
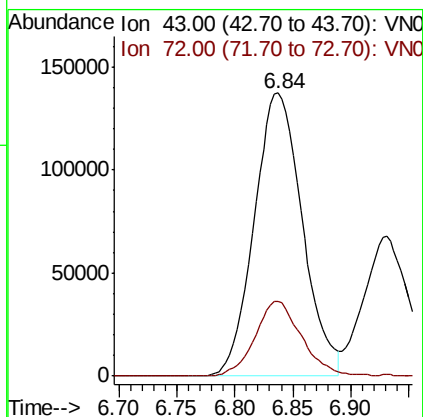
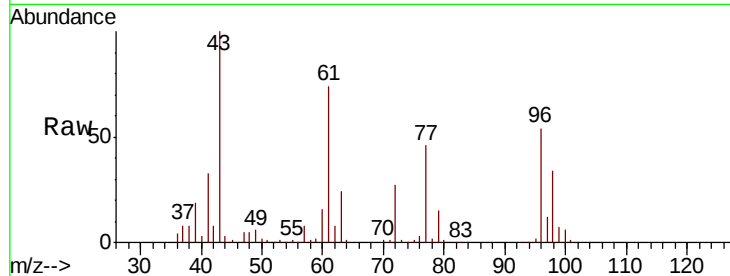




#25
2-Butanone
Concen: 268.955 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

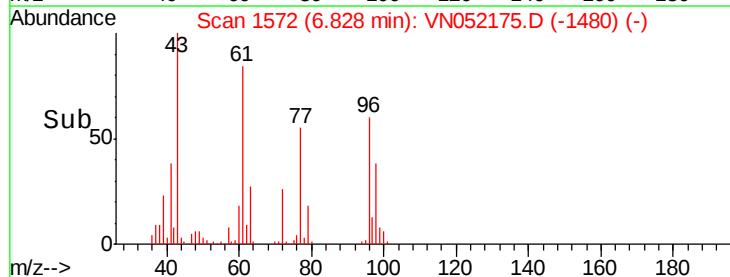
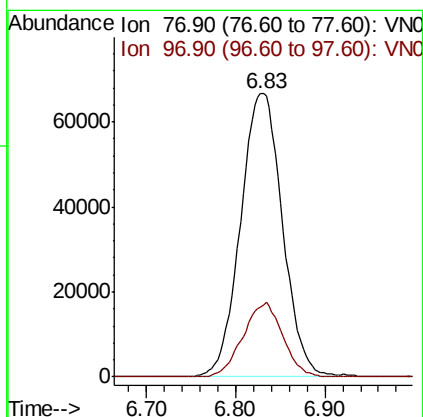
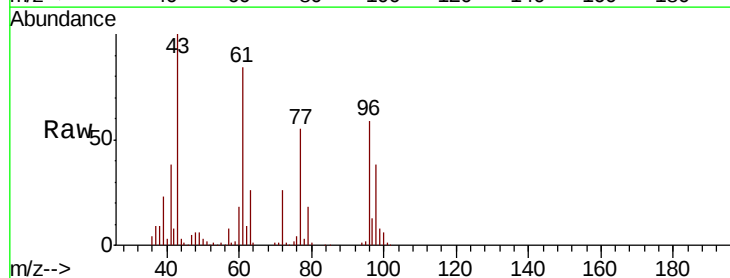
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

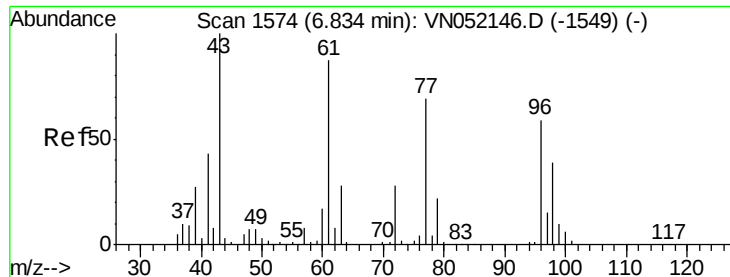
Tot Ion: 43 Resp: 395445
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 41.125 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 77 Resp: 217685
Ion Ratio Lower Upper
77 100
97 24.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.197 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

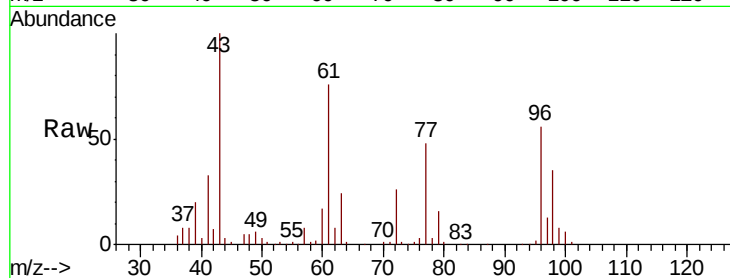
Tot Ion: 96 Resp: 218205

Ion Ratio Lower Upper

96 100

61 141.0 0.0 291.8

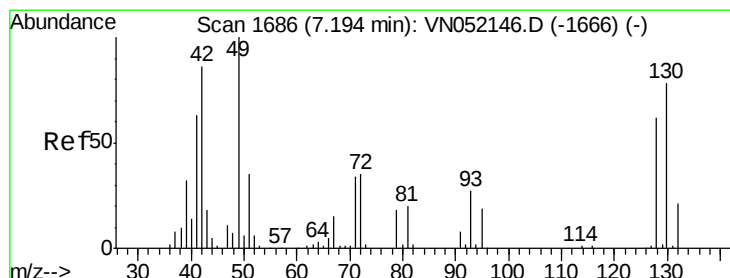
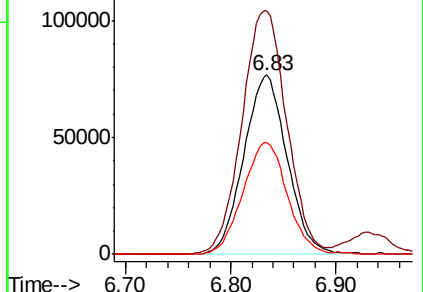
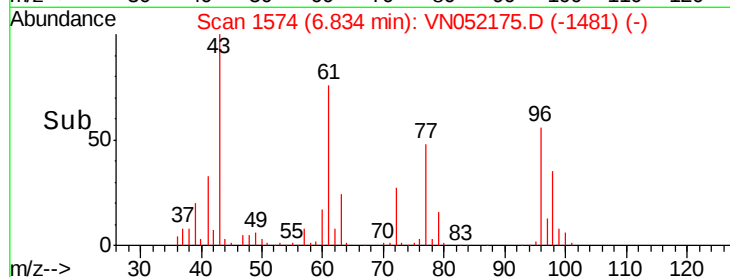
98 64.1 0.0 130.0



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



#28

Bromochloromethane

Concen: 53.569 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

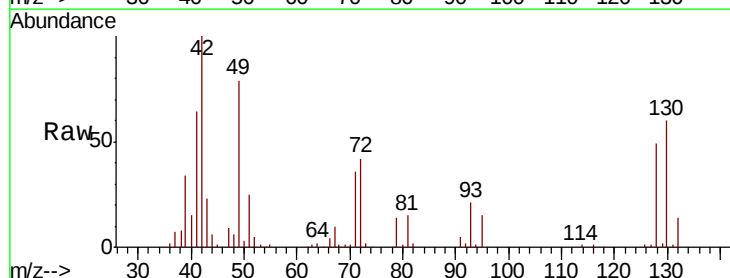
Tgt Ion: 49 Resp: 171419

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

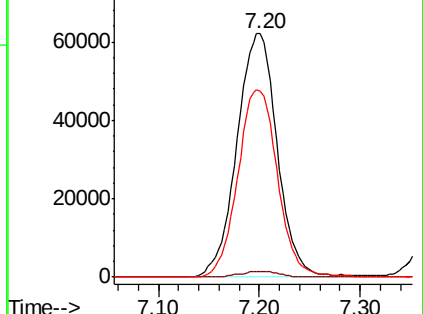
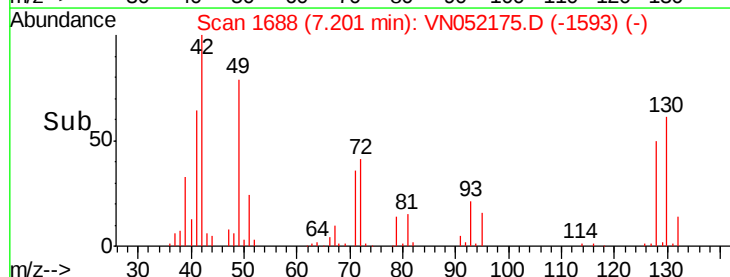
130 75.9 59.8 89.6

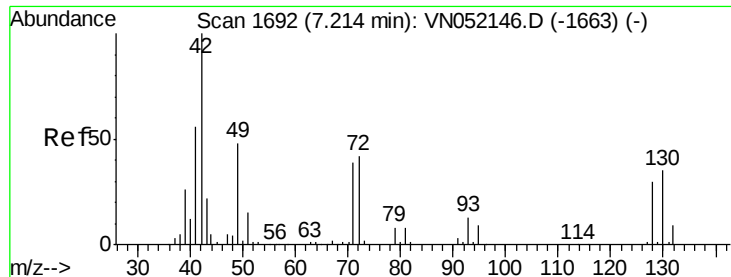


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

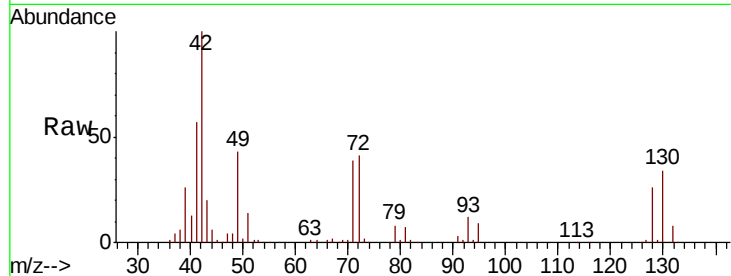




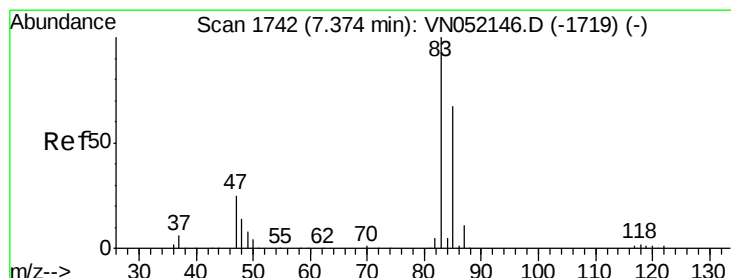
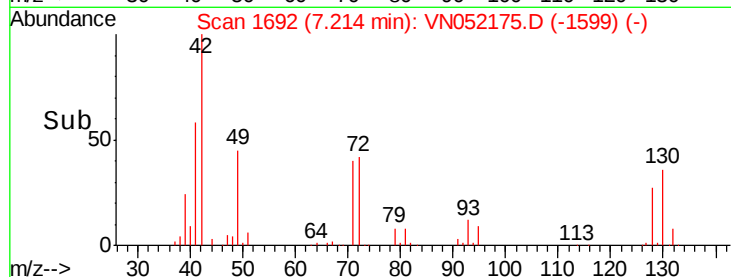
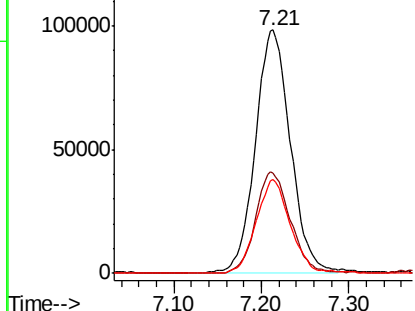
#29
Tetrahydrofuran
Concen: 298.896 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.3	48.5
71	37.7	31.0	46.6

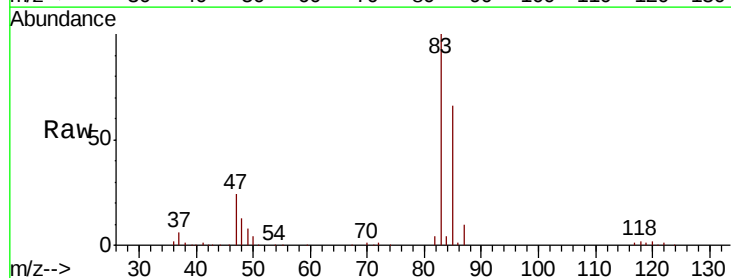


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

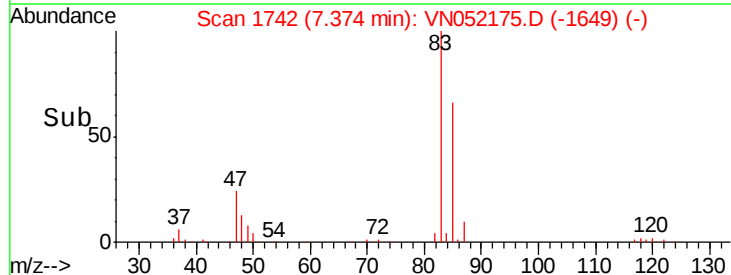
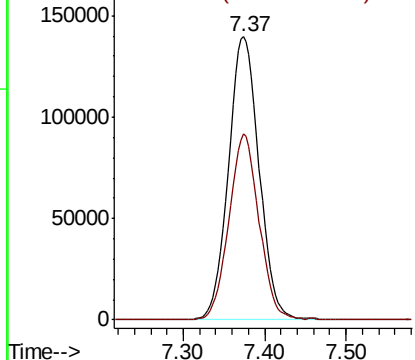


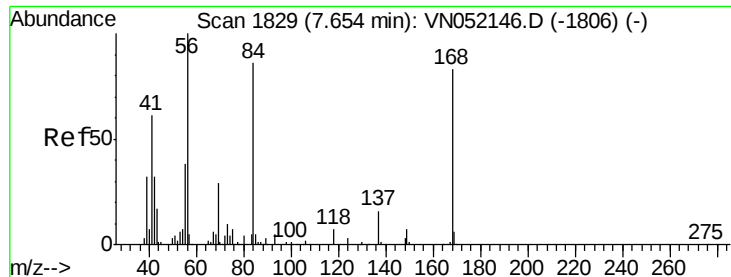
#30
Chloroform
Concen: 54.443 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.7	80.5



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

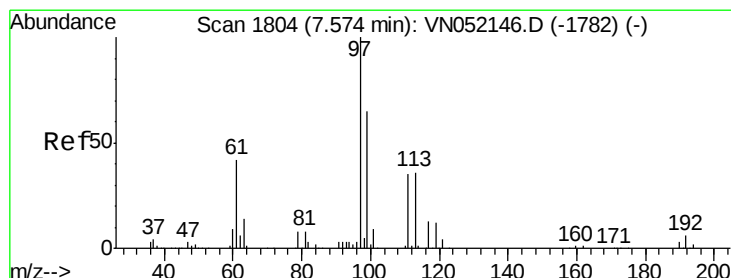
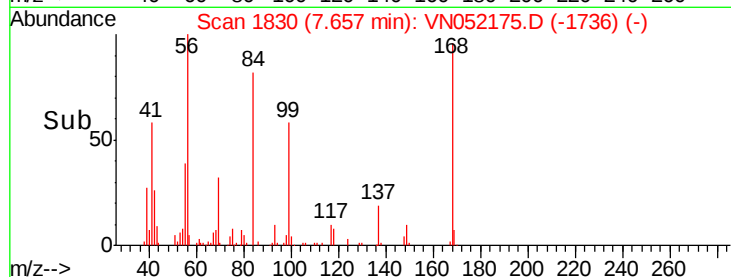
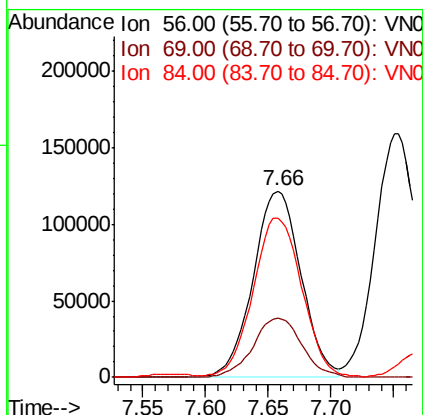
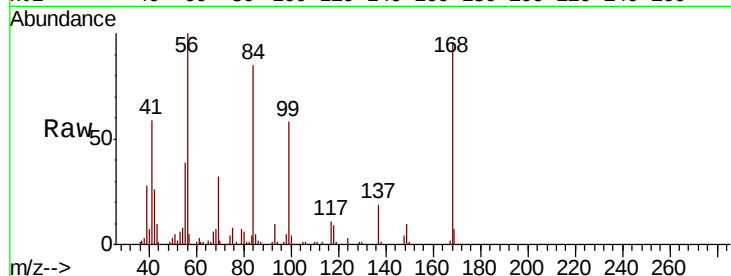




#31
Cyclohexane
Concen: 51.845 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

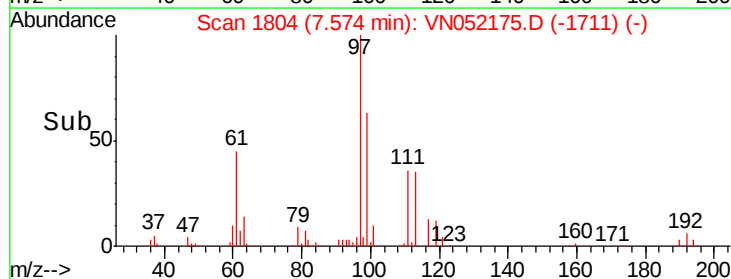
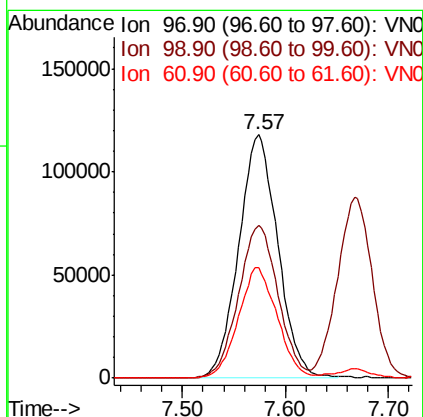
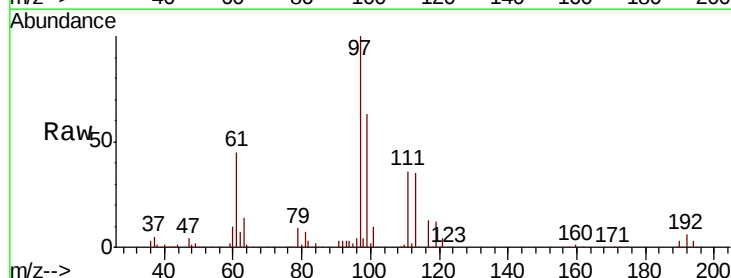
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

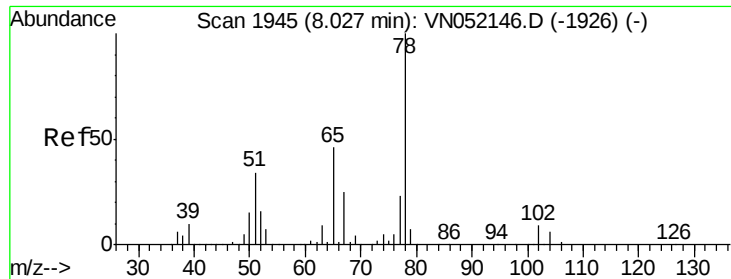
Tot Ion: 56 Resp: 323073
Ion Ratio Lower Upper
56 100
69 31.7 23.5 35.3
84 83.8 68.7 103.1



#32
1,1,1-Trichloroethane
Concen: 52.410 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 97 Resp: 311168
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 45.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.410 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

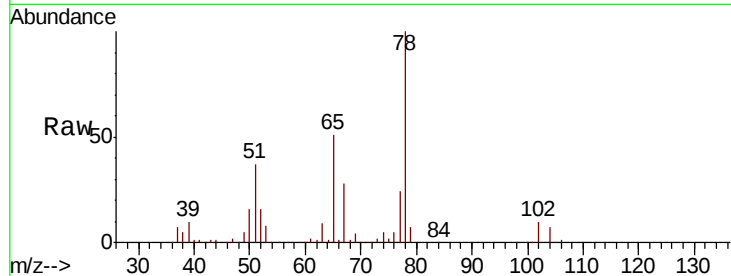
VSTDCCC050EC

Tot Ion: 65 Resp: 227603

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN052146.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052146.D (-1926) (-)

8.03

100000

80000

60000

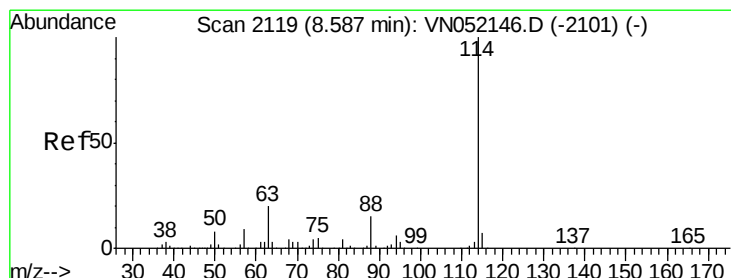
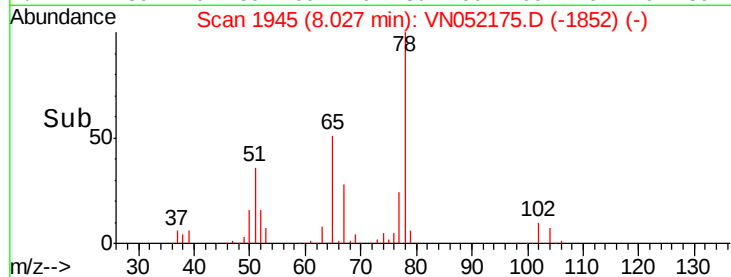
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

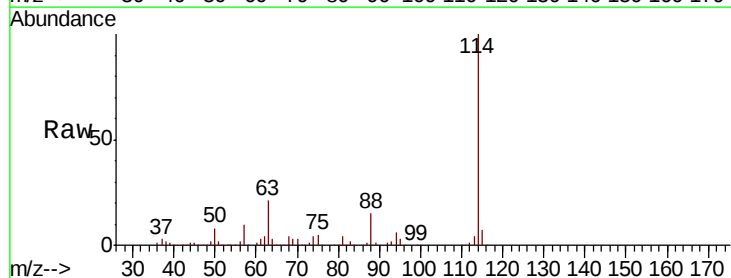
Tgt Ion: 114 Resp: 625084

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN052146.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN052146.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN052146.D (-2101) (-)

8.59

400000

300000

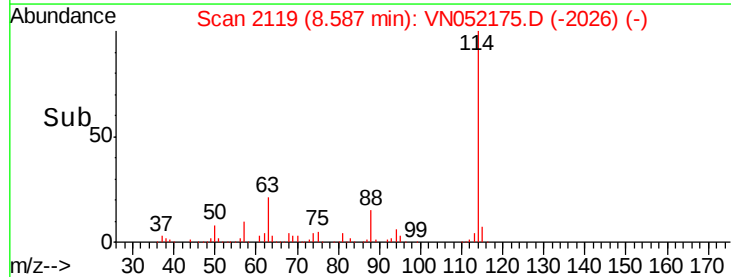
200000

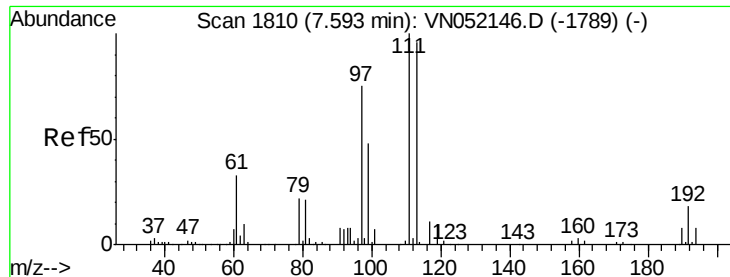
100000

0

8.50 8.60 8.70

Time-->

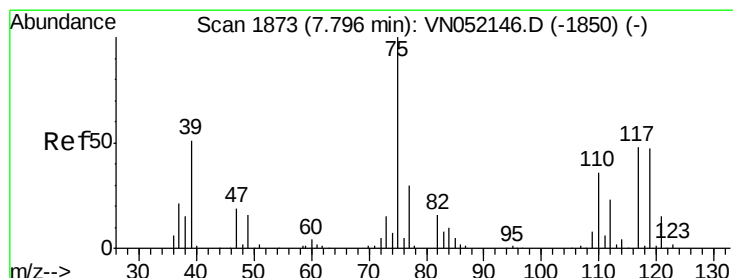
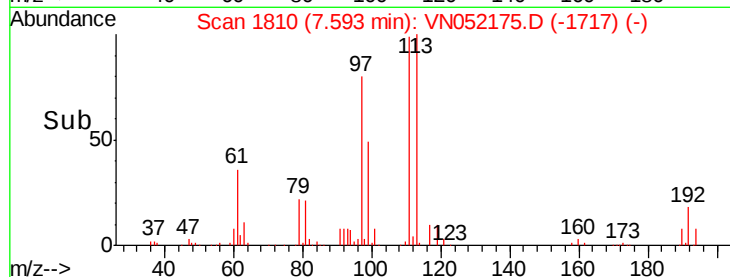
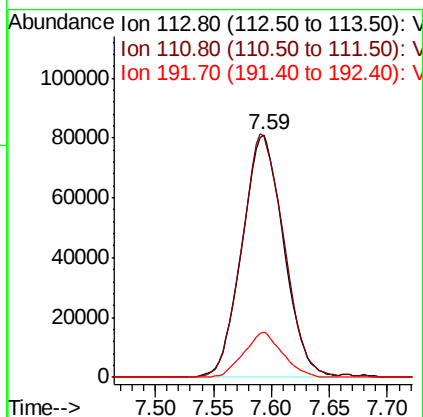
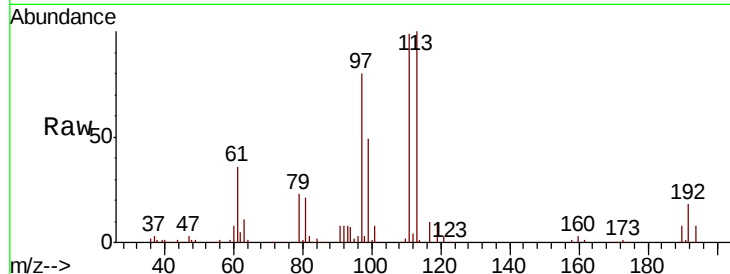




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

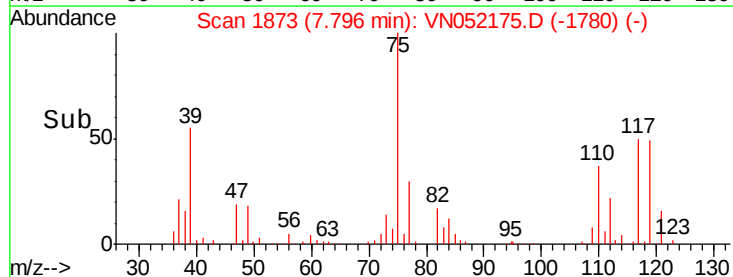
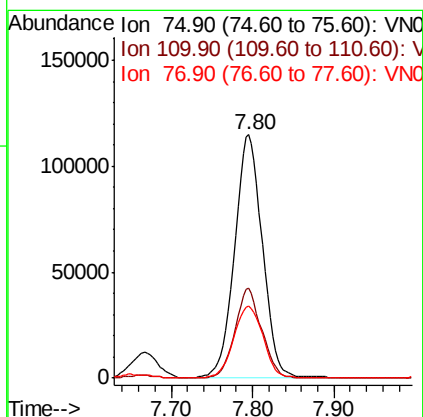
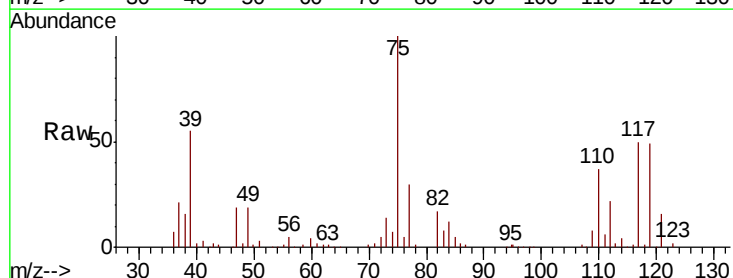
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

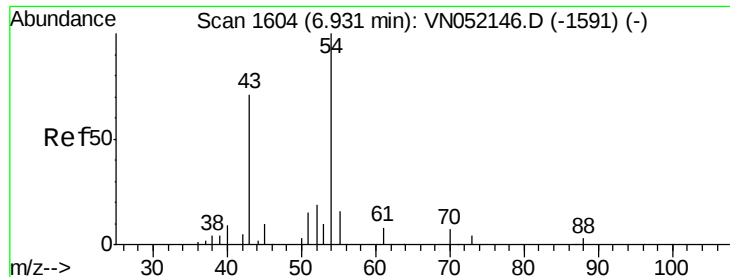
Tot Ion:113 Resp: 202785
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.7 122.5
 192 17.3 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 48.982 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion: 75 Resp: 270856
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.8 53.5
 77 31.6 24.0 36.0

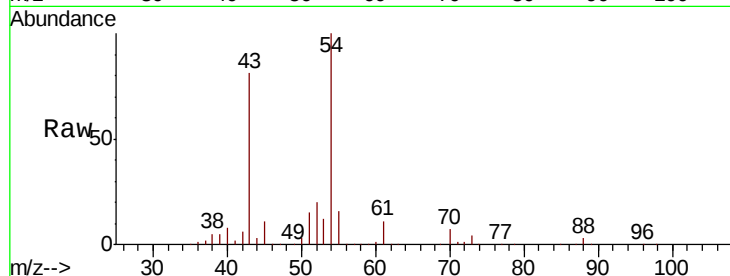




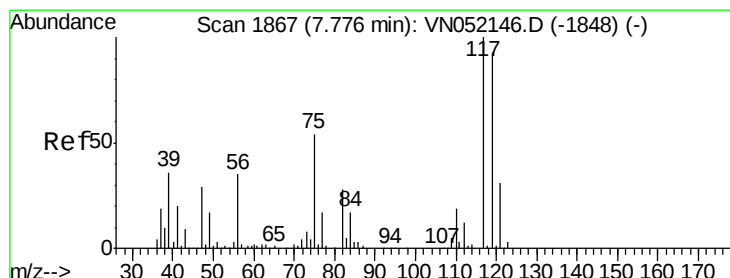
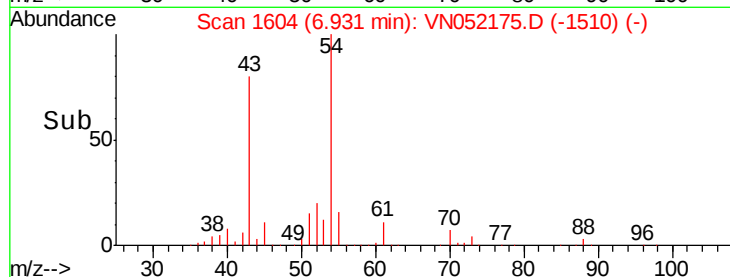
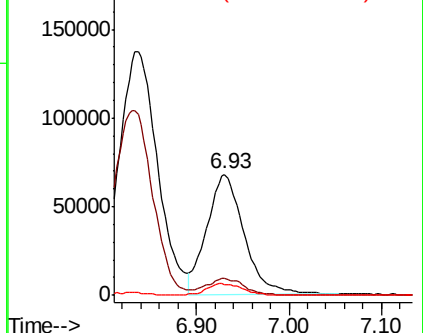
#37
Ethyl Acetate
Concen: 55.338 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 188475
Ion Ratio Lower Upper
43 100
61 13.2 9.4 14.2
70 9.5 7.6 11.4

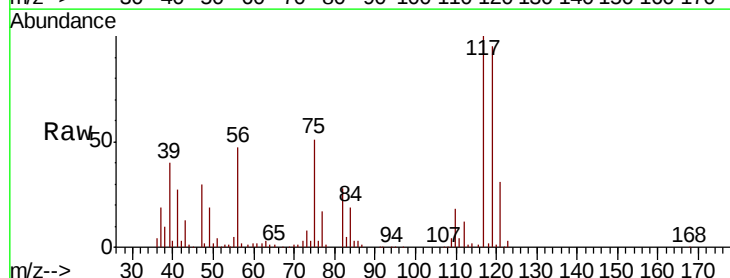


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

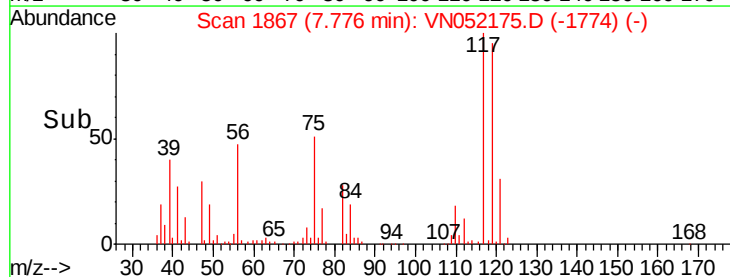
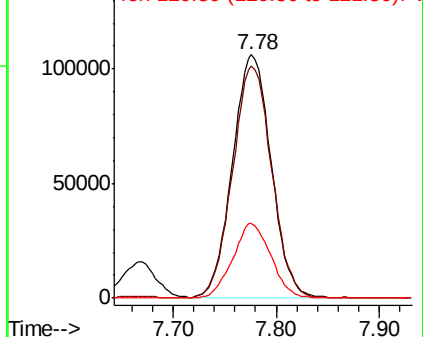


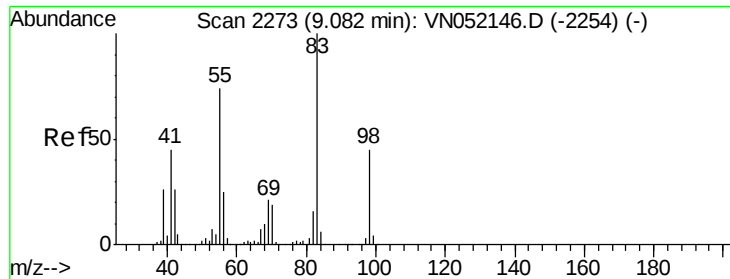
#38
Carbon Tetrachloride
Concen: 50.081 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 117 Resp: 276870
Ion Ratio Lower Upper
117 100
119 95.4 74.7 112.1
121 30.7 24.5 36.7



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

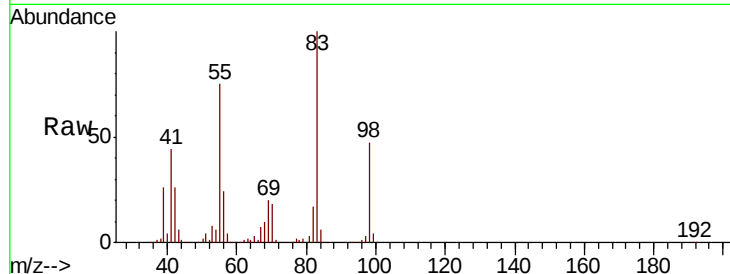




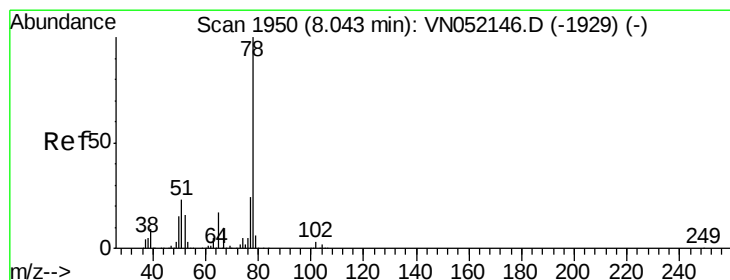
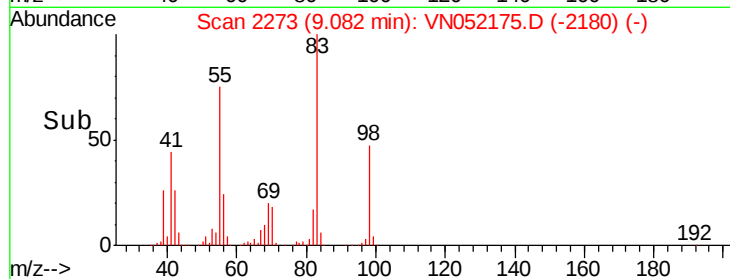
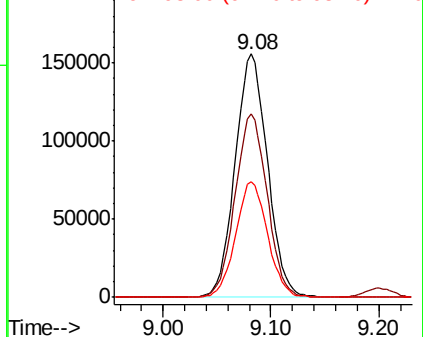
#39
Methvlcvclohexane
Concen: 49.413 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 323602
Ion Ratio Lower Upper
83 100
55 75.1 59.4 89.2
98 47.4 36.3 54.5

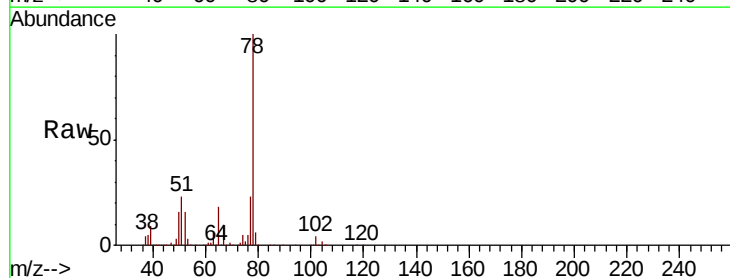


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

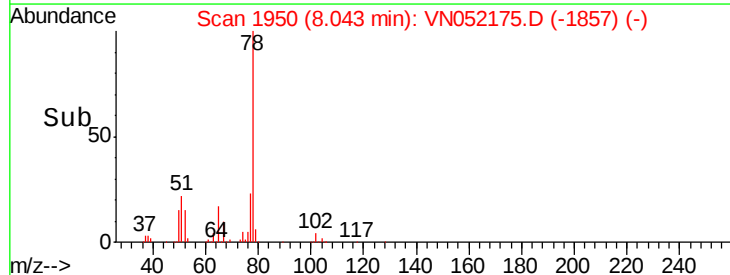
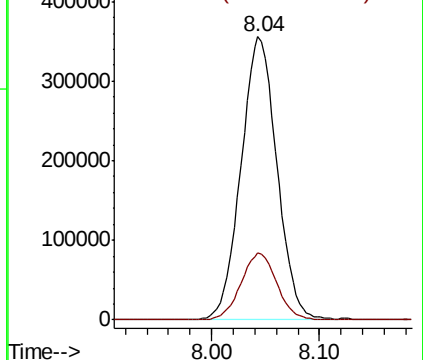


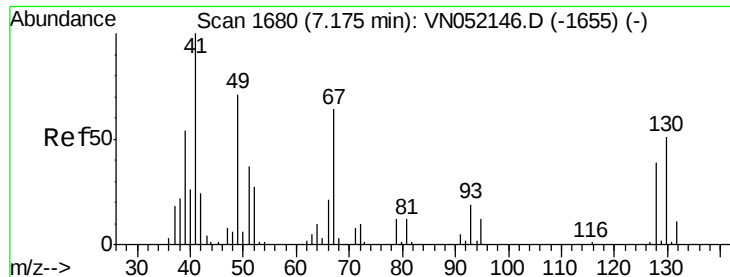
#40
Benzene
Concen: 50.696 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 78 Resp: 824091
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

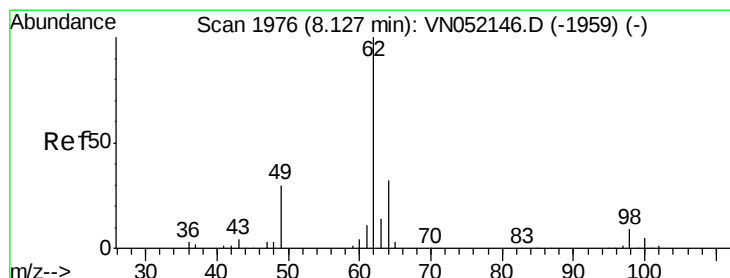
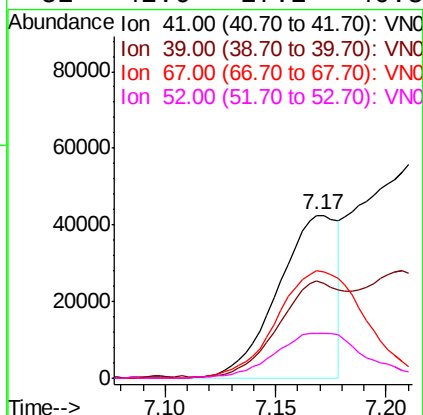
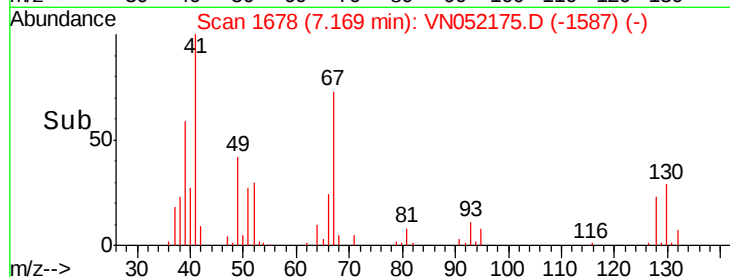
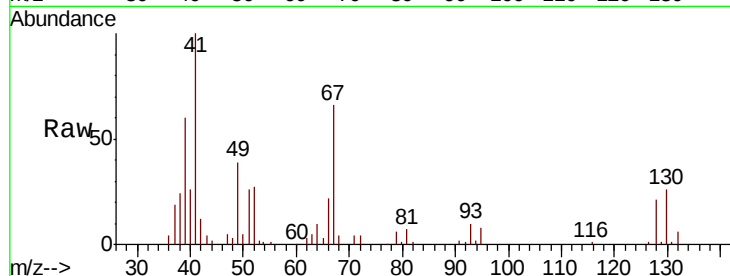




#41
Methacrylonitrile
Concen: 42.098 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.01 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

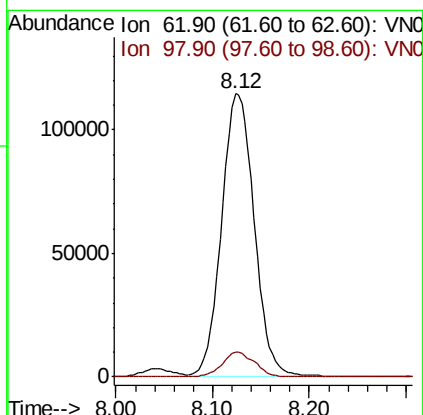
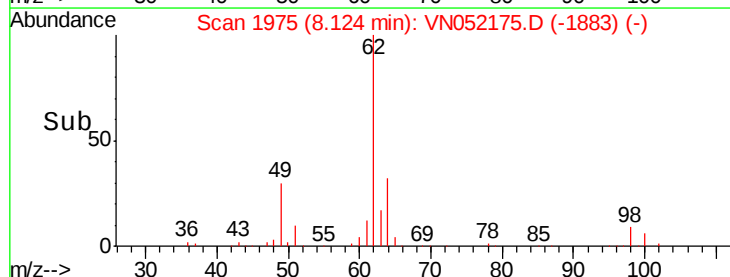
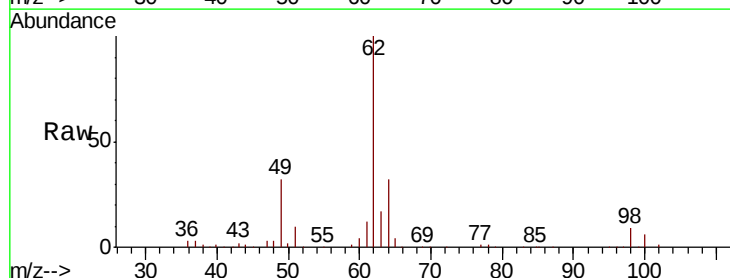
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

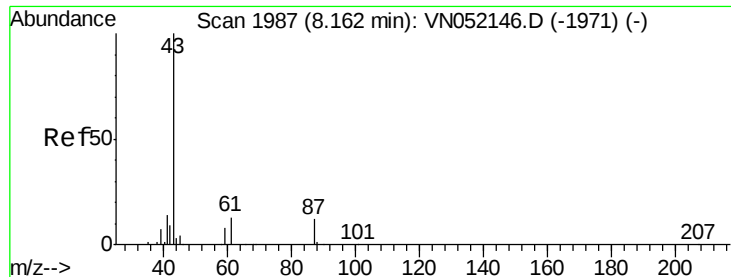
Tot Ion: 41 Resp: 79978
Ion Ratio Lower Upper
41 100
39 67.4 49.6 74.4
67 99.3 65.4 98.2#
52 42.6 27.2 40.8#



#42
1,2-Dichloroethane
Concen: 51.603 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 62 Resp: 269662
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.2



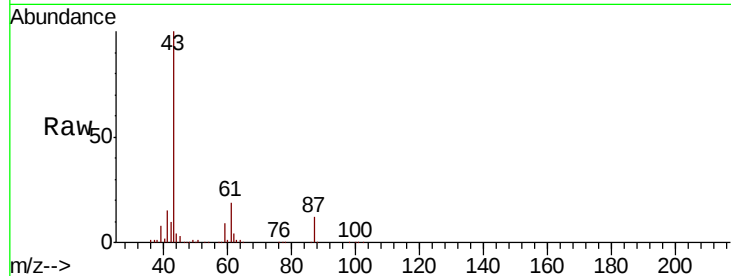


#43

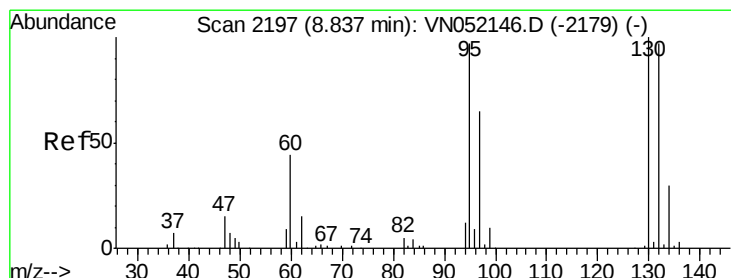
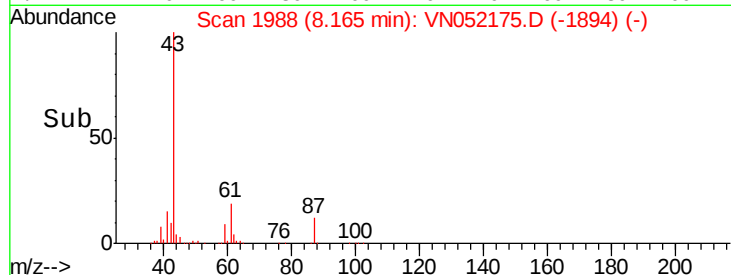
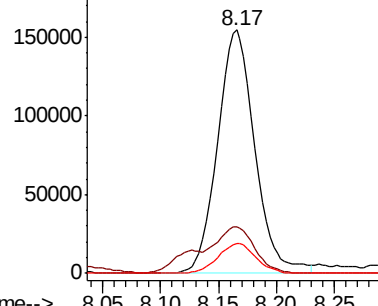
Isopropyl Acetate
 Concen: 54.689 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 345058
 Ion Ratio Lower Upper
 43 100
 61 18.8 21.5 32.3#
 87 12.5 10.2 15.2



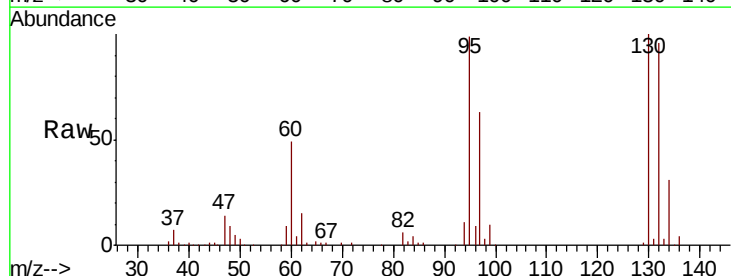
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



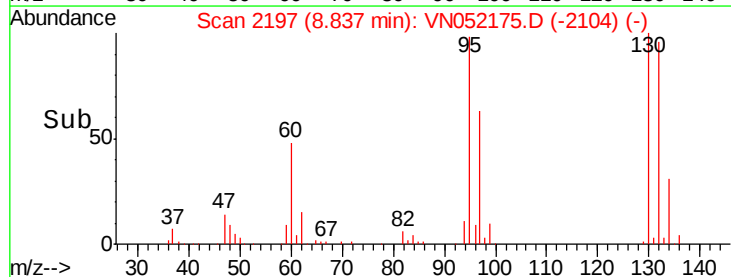
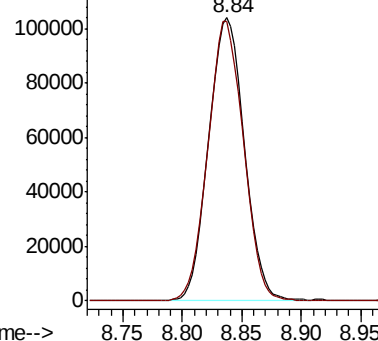
#44

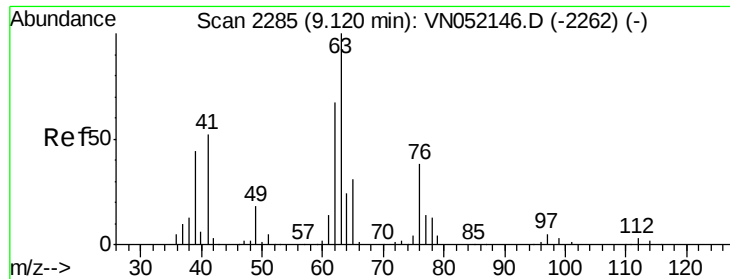
Trichloroethene
 Concen: 50.478 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion: 130 Resp: 217246
 Ion Ratio Lower Upper
 130 100
 95 98.6 0.0 193.8



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

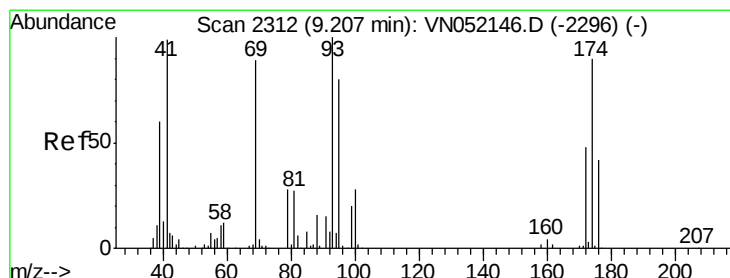
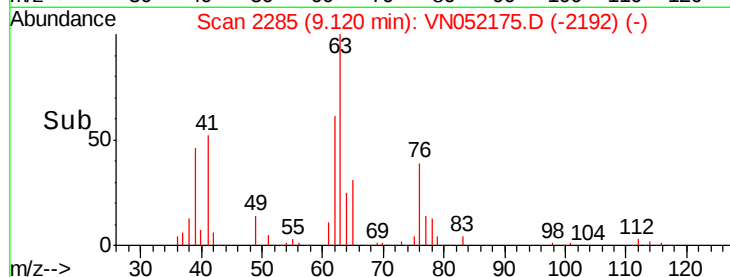
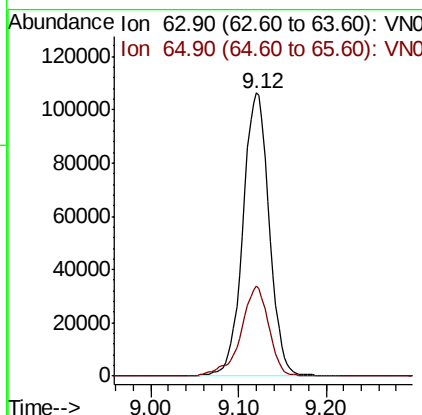
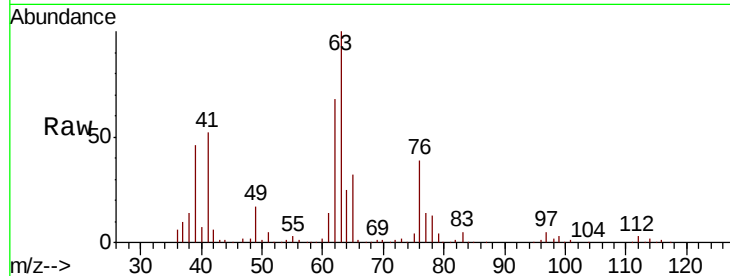




#45
 1,2-Dichloropropane
 Concen: 51.621 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

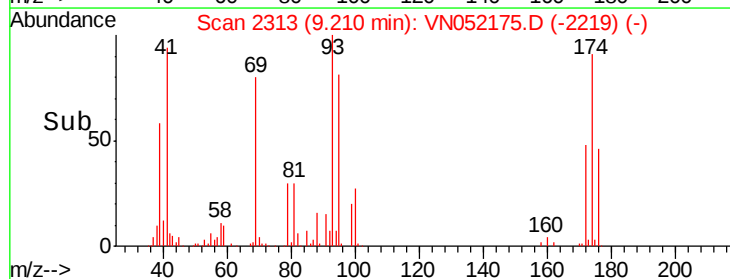
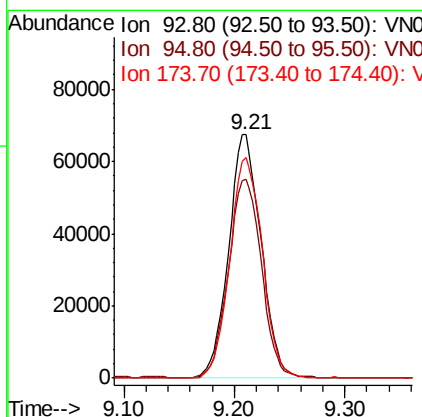
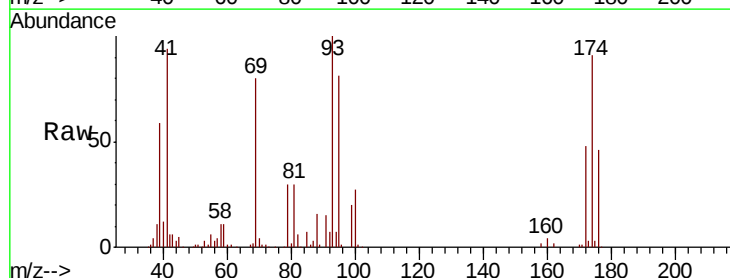
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

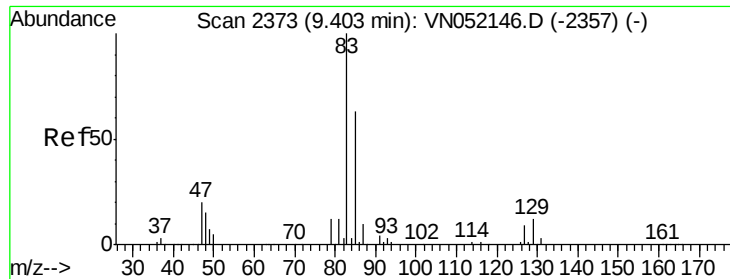
Tot Ion: 63 Resp: 222227
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6



#46
 Dibromomethane
 Concen: 50.225 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion: 93 Resp: 137509
 Ion Ratio Lower Upper
 93 100
 95 83.3 64.5 96.7
 174 90.6 74.6 112.0





#47

Bromodichloromethane

Concen: 53.012 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

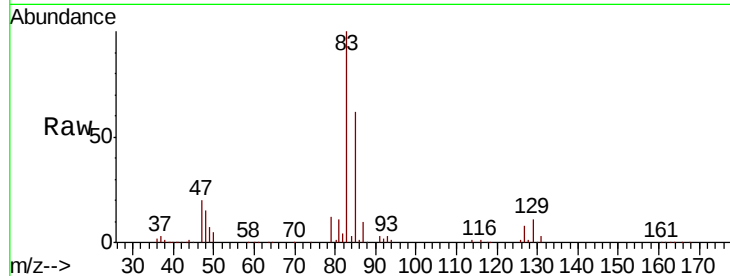
Tot Ion: 83 Resp: 283057

Ion Ratio Lower Upper

83 100

85 62.3 50.5 75.7

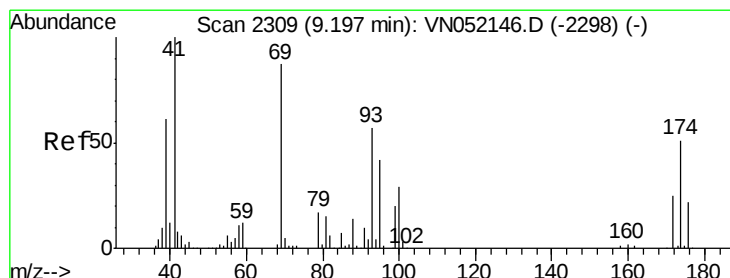
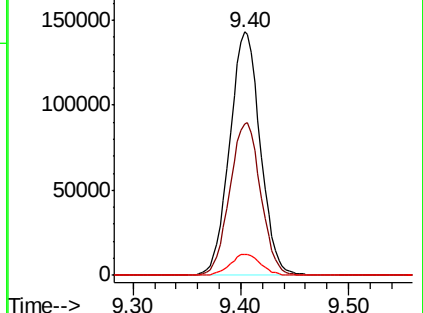
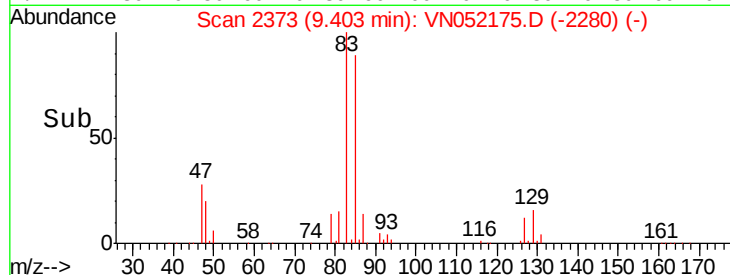
127 8.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN052175.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052175.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052175.D (-2280) (-)



#48

Methyl methacrylate

Concen: 55.228 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

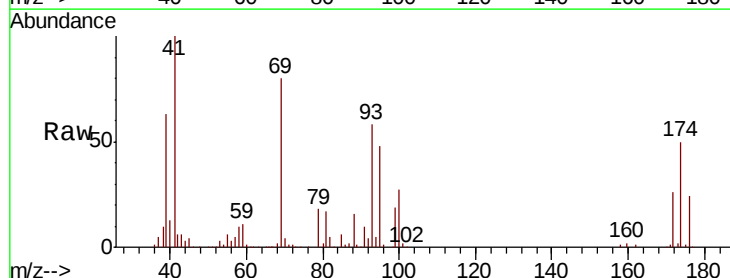
Tgt Ion: 41 Resp: 167710

Ion Ratio Lower Upper

41 100

69 85.6 69.7 104.5

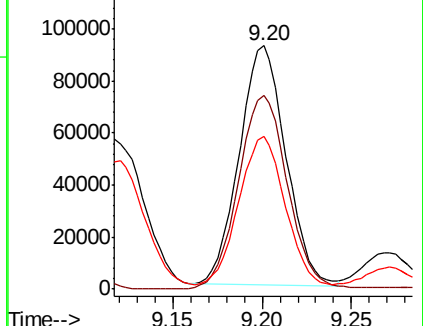
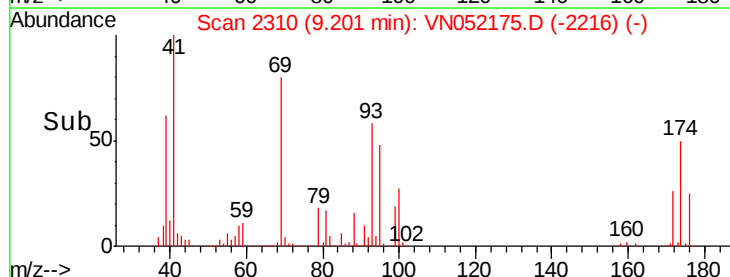
39 64.3 50.6 76.0

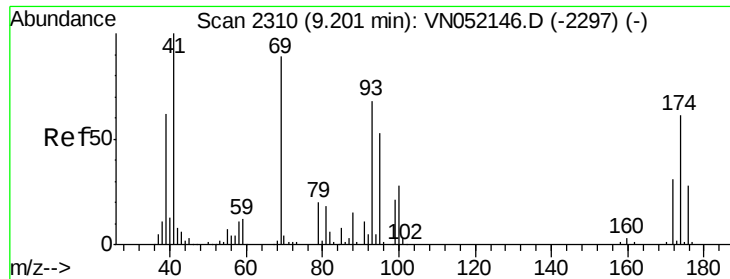


Abundance Ion 41.00 (40.70 to 41.70): VN052175.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052175.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052175.D (-2216) (-)

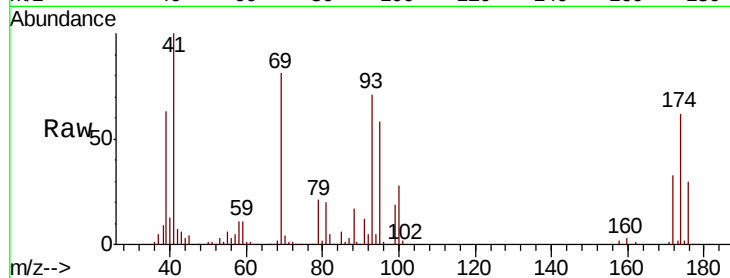




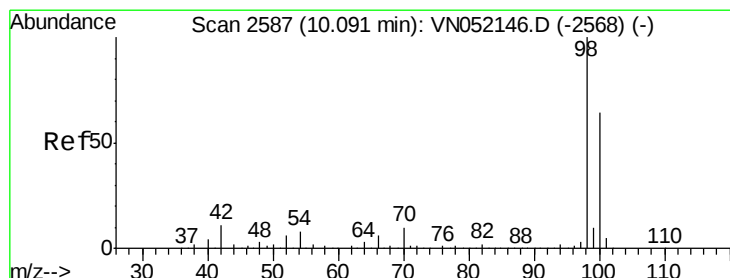
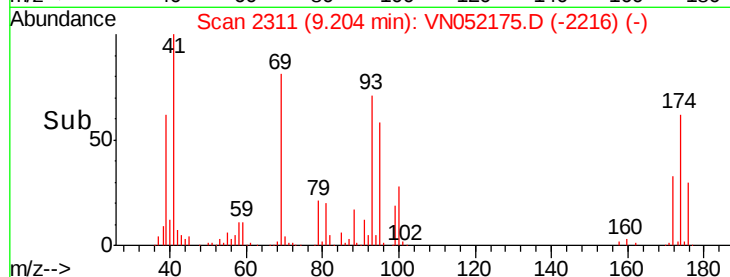
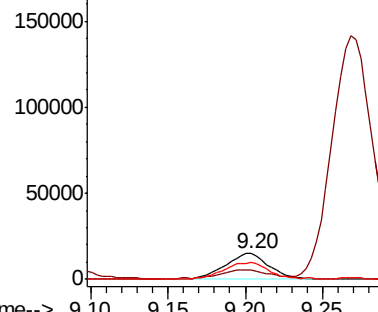
#49
1,4-Dioxane
Concen: 1153.162 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 29662
Ion Ratio Lower Upper
88 100
43 36.1 33.0 49.6
58 69.1 58.6 88.0

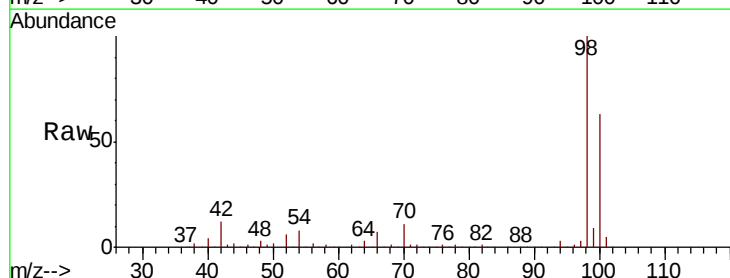


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

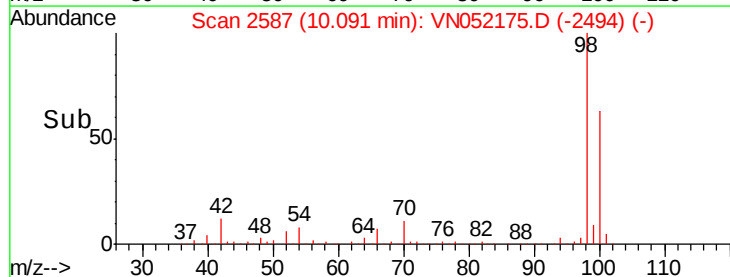
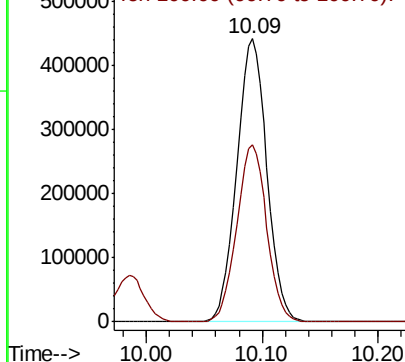


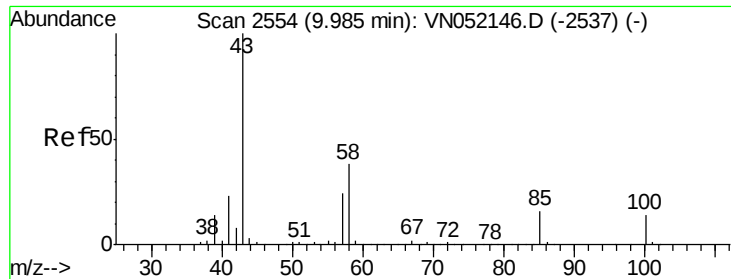
#50
Toluene-d8
Concen: 1153.162 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 98 Resp: 790794
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



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





#51

4-Methyl-2-Pentanone

Concen: 285.258 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

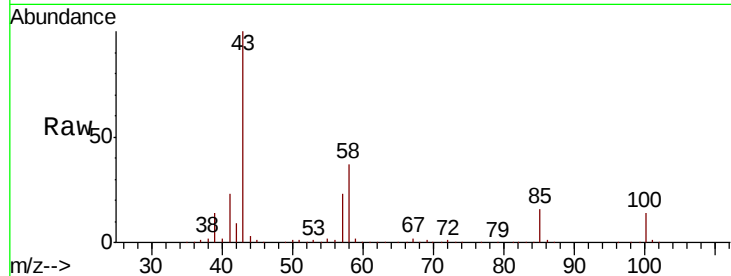
VSTDCCC050EC

Tot Ion: 43 Resp: 950844

Ion Ratio Lower Upper

43 100

58 37.2 29.6 44.4



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN052146.D (-2537) (-)

9.99

600000

500000

400000

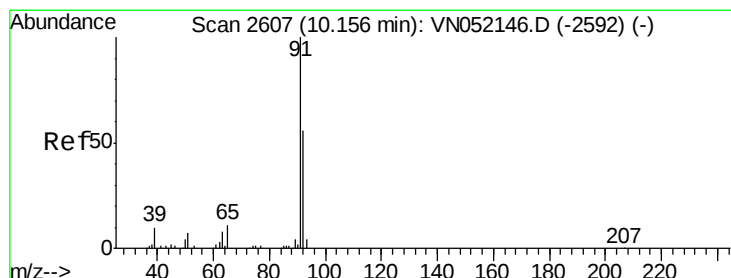
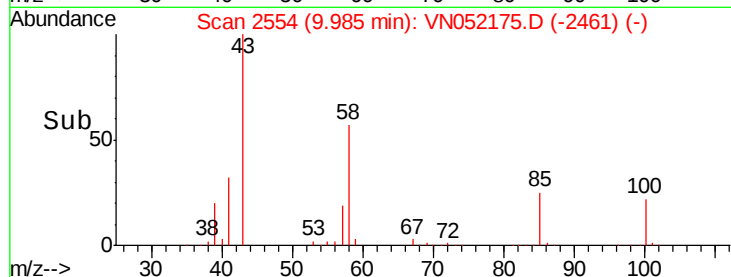
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.255 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052175.D

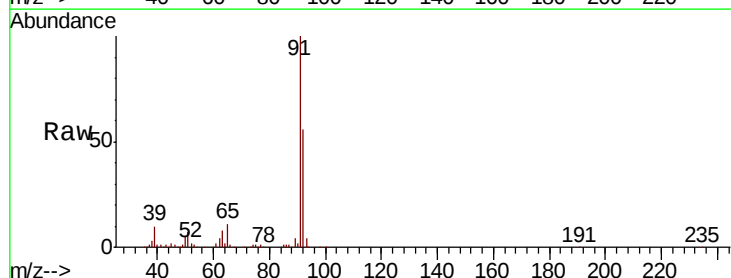
Acq: 6 Nov 2018 3:55

Tgt Ion: 92 Resp: 512231

Ion Ratio Lower Upper

92 100

91 178.6 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN052146.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN052146.D (-2592) (-)

10.16

600000

500000

400000

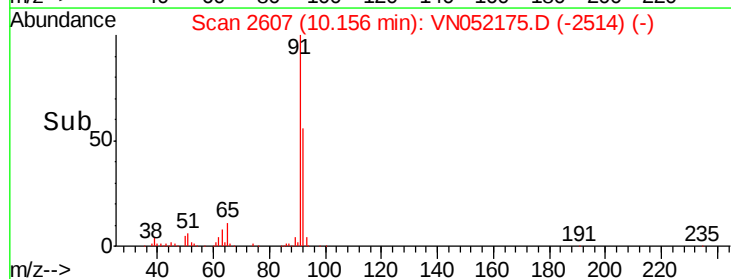
300000

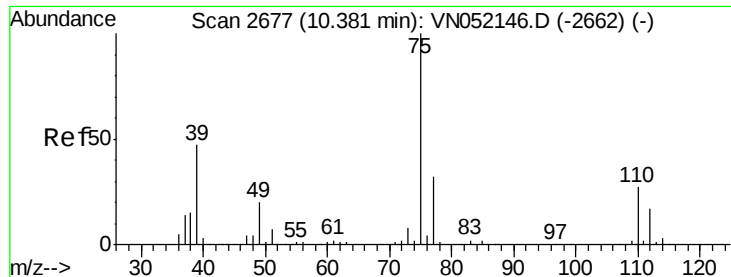
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.548 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

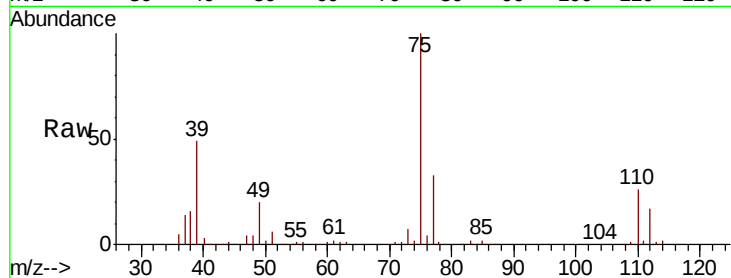
VSTDCCC050EC

Tot Ion: 75 Resp: 270012

Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

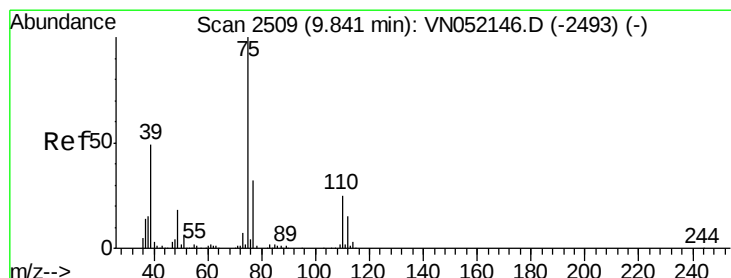
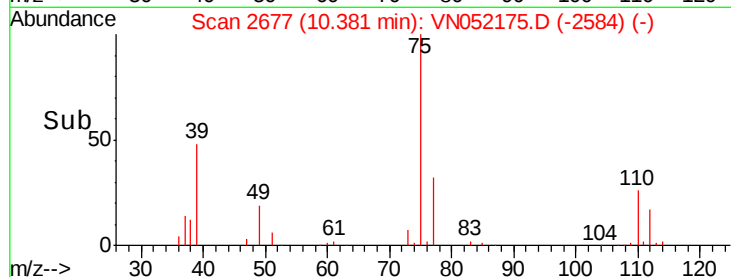
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.733 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

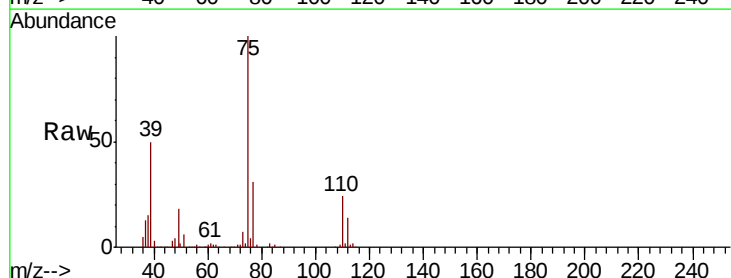
Tgt Ion: 75 Resp: 317094

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.8

39 49.4 39.2 58.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

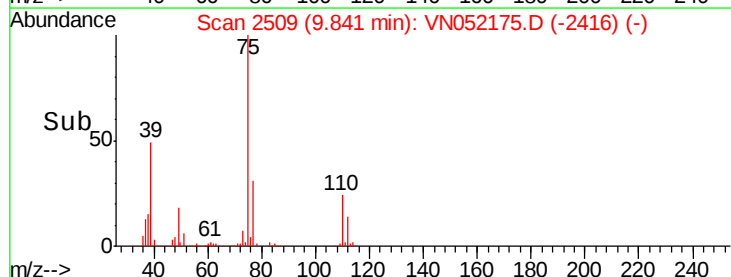
150000

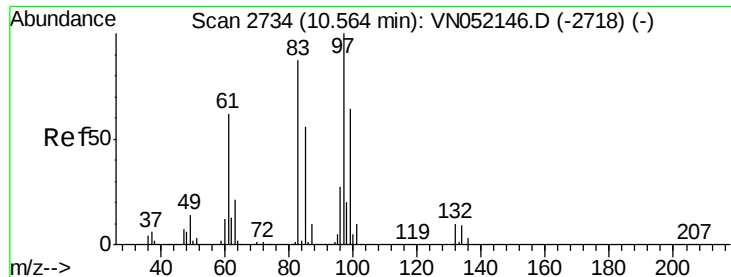
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 54.864 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 189614

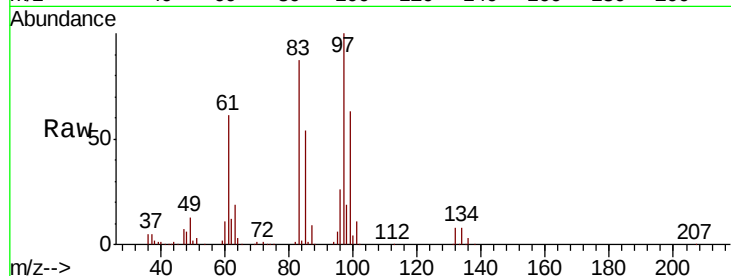
Ion Ratio Lower Upper

97 100

83 86.7 69.3 103.9

85 53.6 44.9 67.3

99 63.4 51.5 77.3



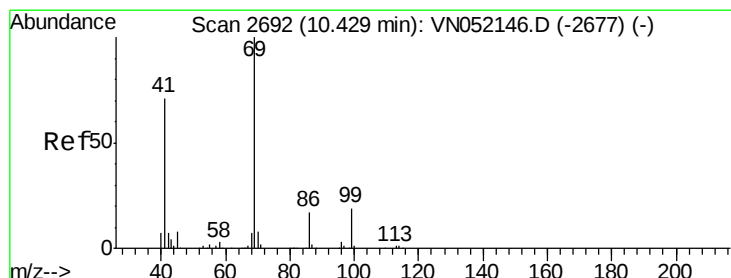
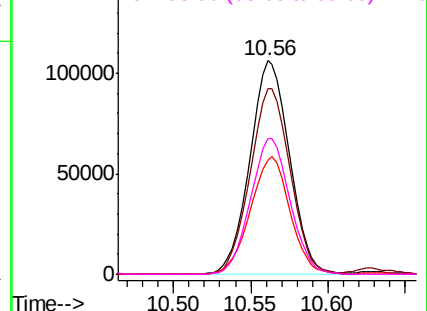
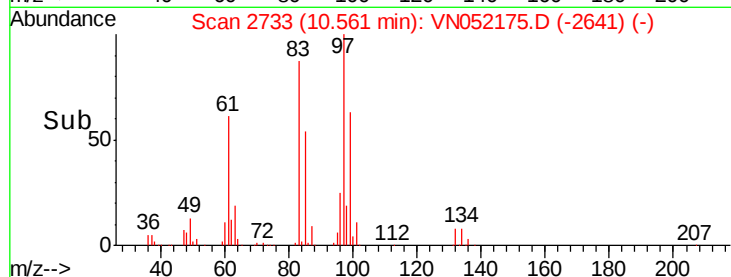
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 54.803 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

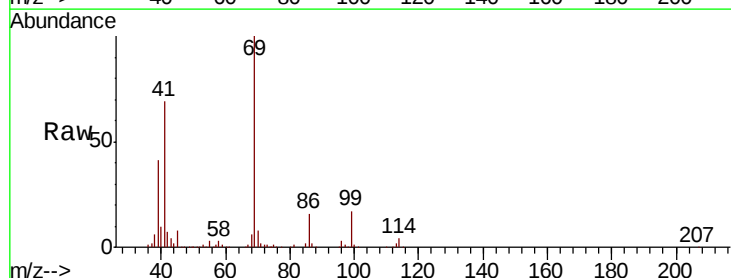
Tgt Ion: 69 Resp: 246878

Ion Ratio Lower Upper

69 100

41 68.9 55.4 83.0

39 40.6 32.0 48.0

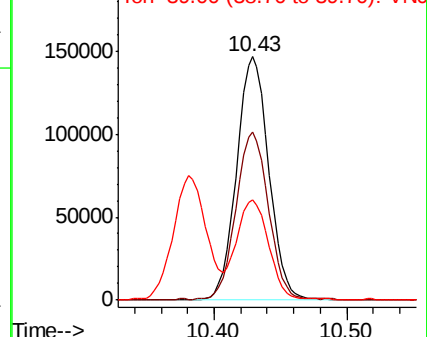
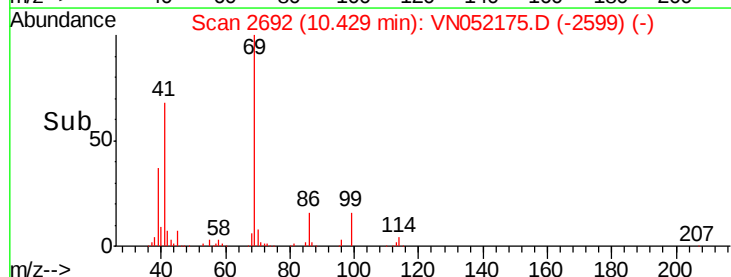


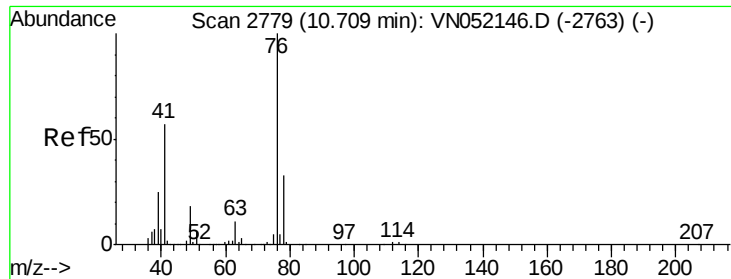
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 53.154 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

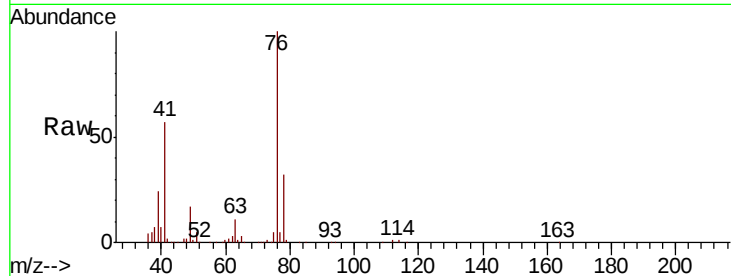
VSTDCCC050EC

Tot Ion: 76 Resp: 323629

Ion Ratio Lower Upper

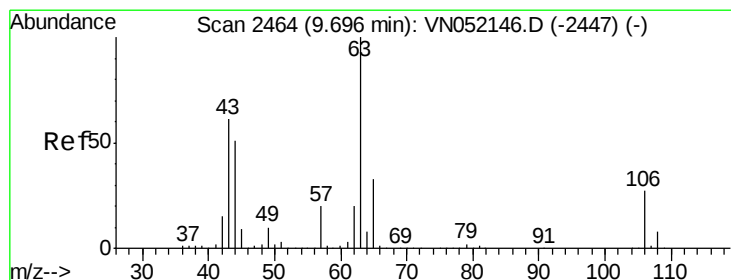
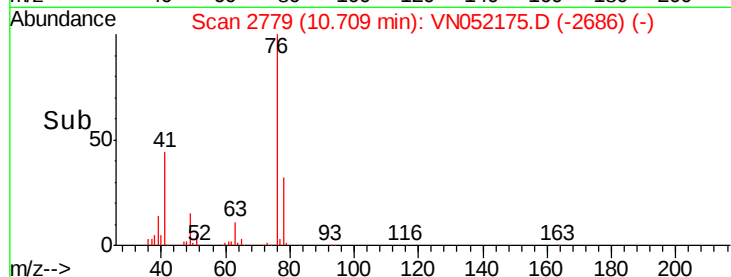
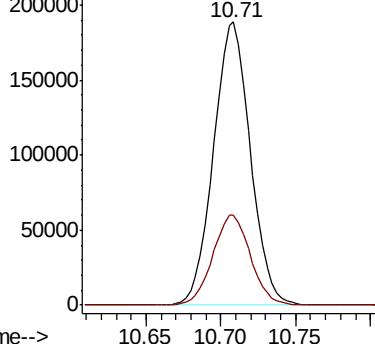
76 100

78 32.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 288.274 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052175.D

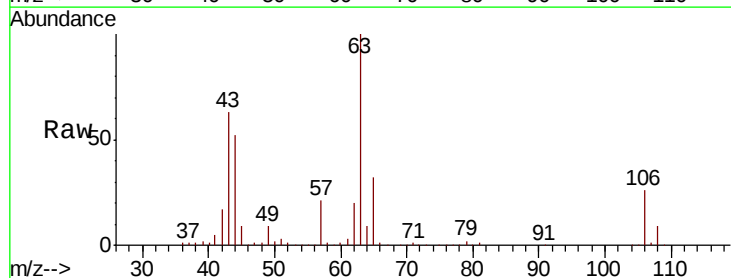
Acq: 6 Nov 2018 3:55

Tgt Ion: 63 Resp: 698884

Ion Ratio Lower Upper

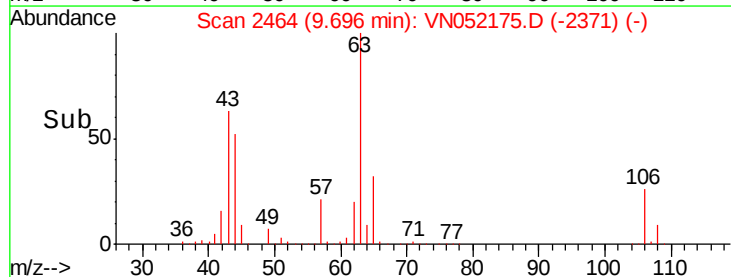
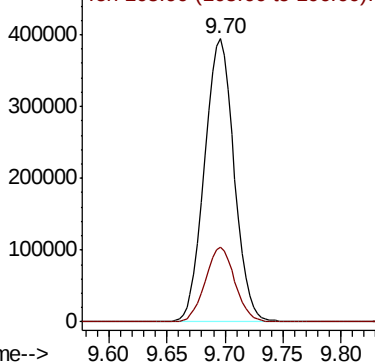
63 100

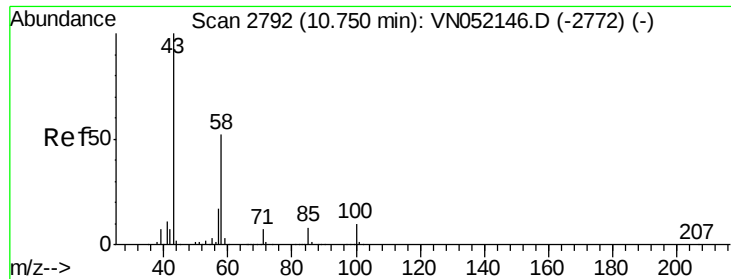
106 26.3 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

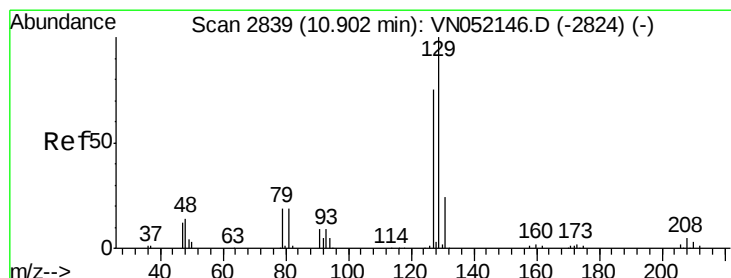
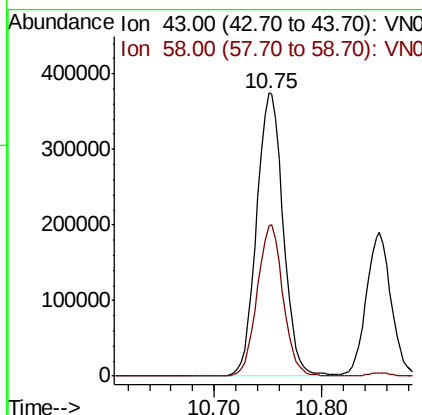
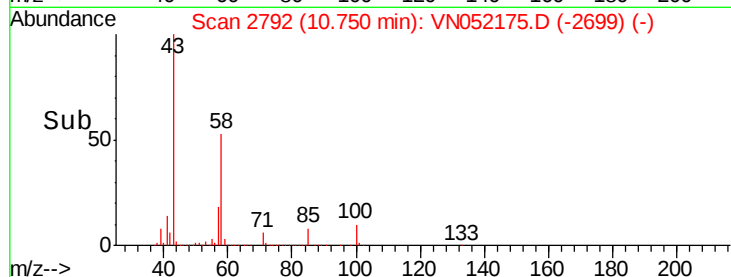
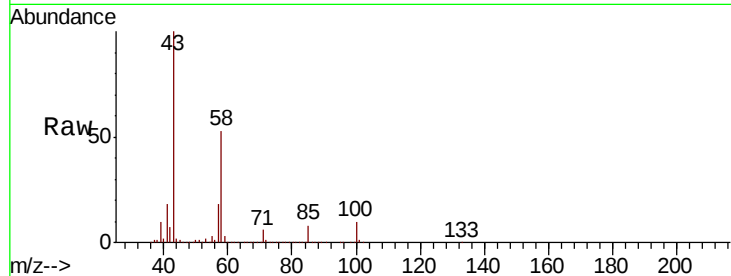




#59
2-Hexanone
Concen: 275.335 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

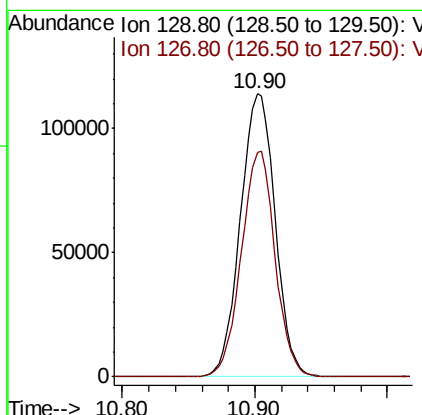
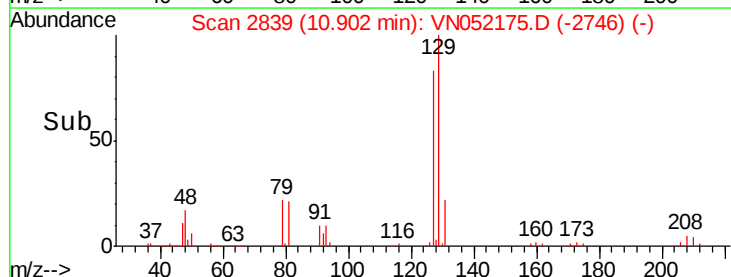
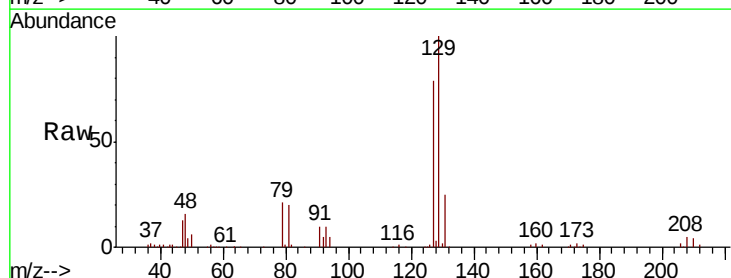
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

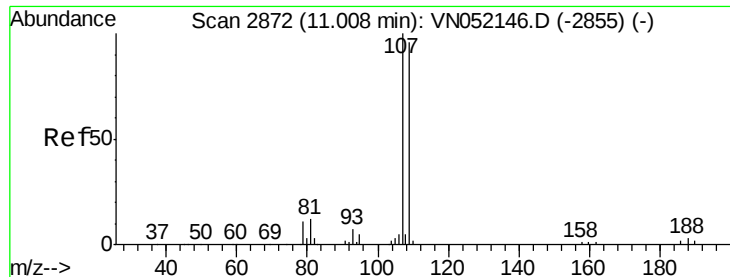
Tot Ion: 43 Resp: 638880
Ion Ratio Lower Upper
43 100
58 52.1 25.8 77.4



#60
Dibromochloromethane
Concen: 52.922 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 129 Resp: 208000
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.1

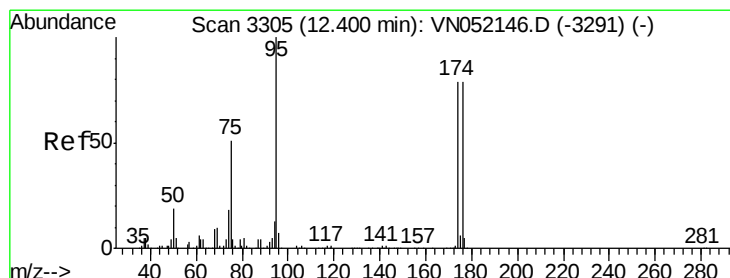
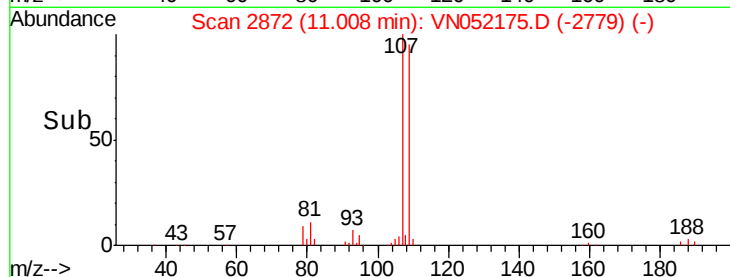
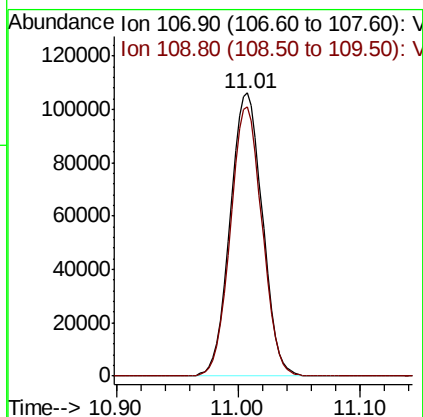
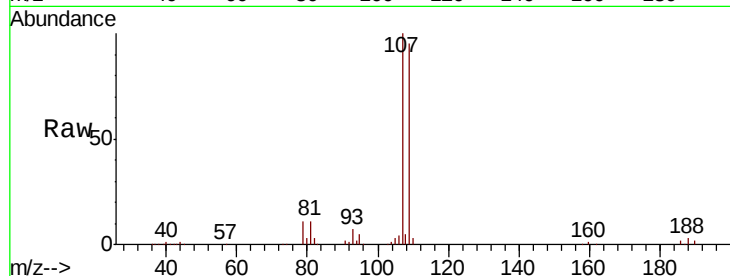




#61
 1,2-Dibromoethane
 Concen: 55.668 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

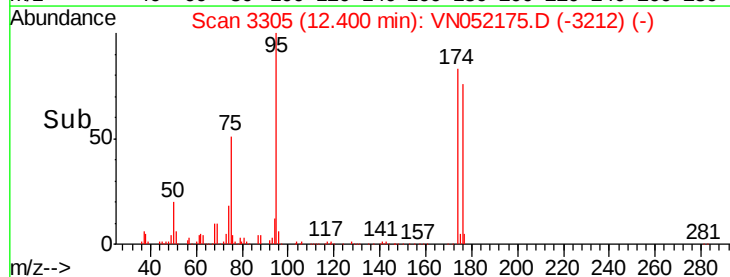
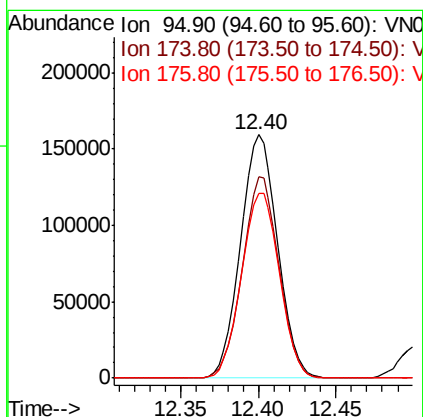
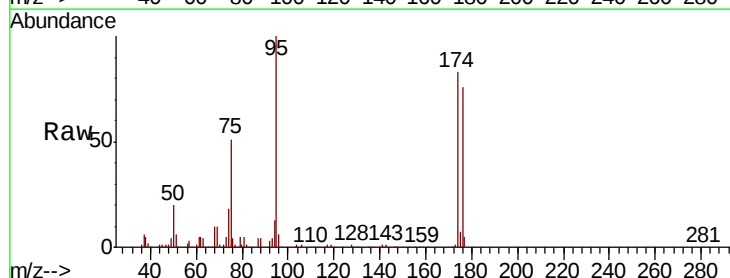
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

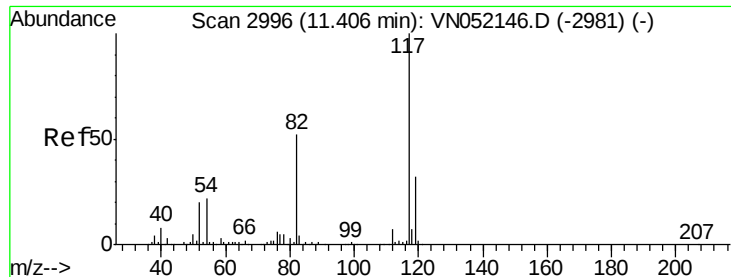
Tot Ion: 107 Resp: 195299
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 55.668 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion: 95 Resp: 266605
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 162.6
 176 77.7 0.0 155.4

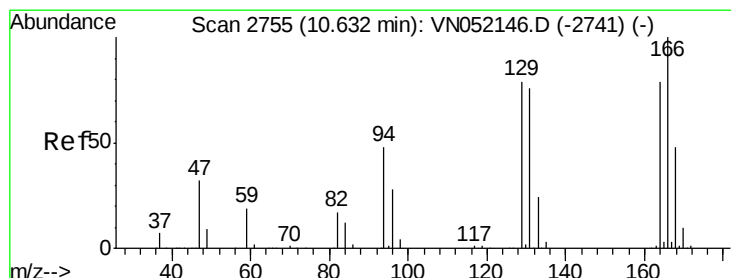
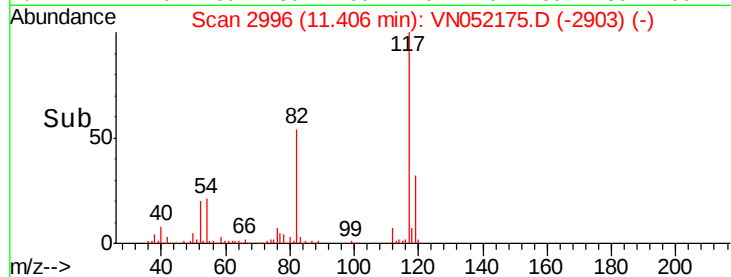
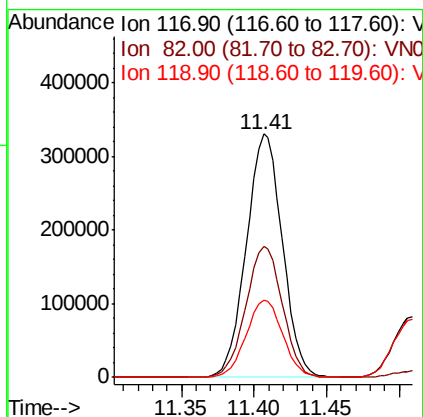
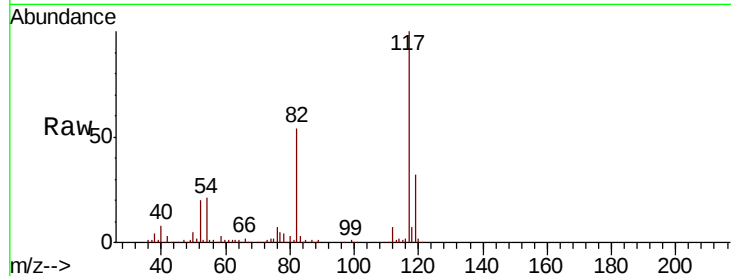




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

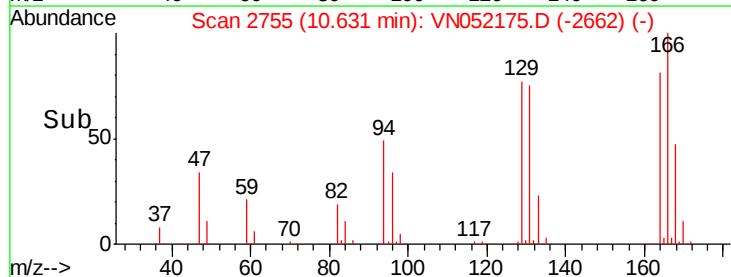
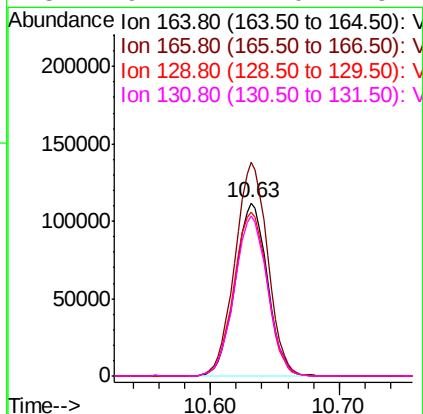
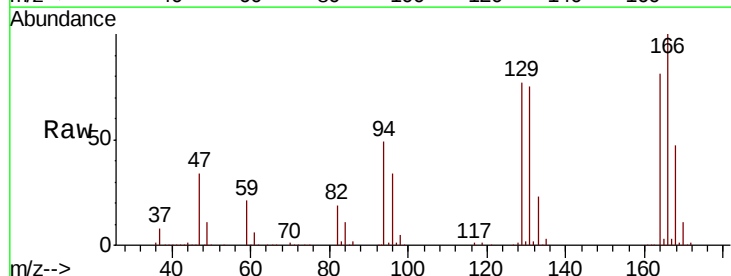
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

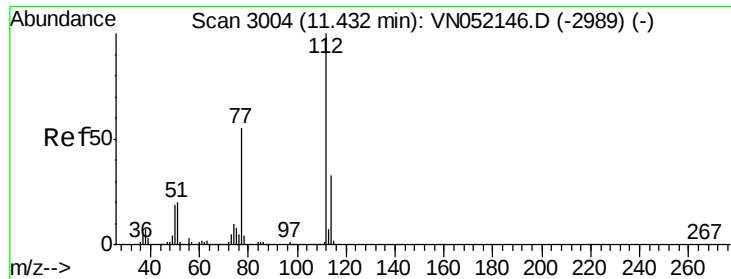
Tot Ion:117 Resp: 571851
Ion Ratio Lower Upper
117 100
82 54.1 41.9 62.9
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 52.589 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion:164 Resp: 194832
Ion Ratio Lower Upper
164 100
166 123.5 100.8 151.2
129 95.0 79.1 118.7
131 92.4 77.0 115.4

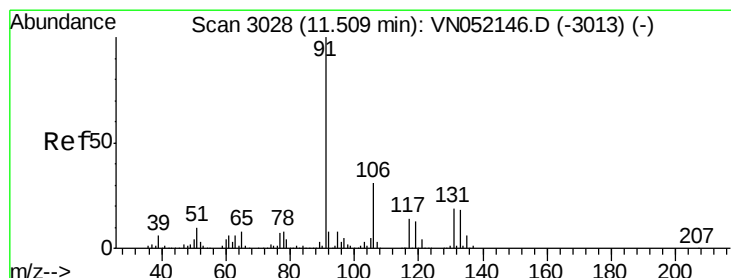
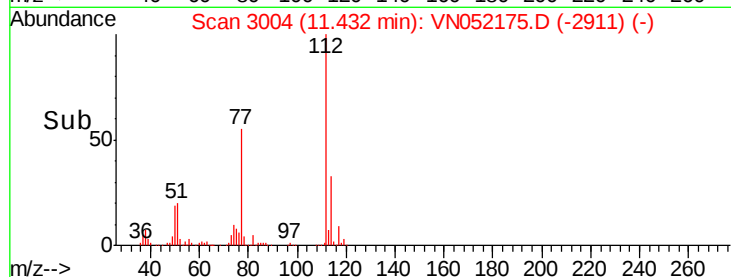
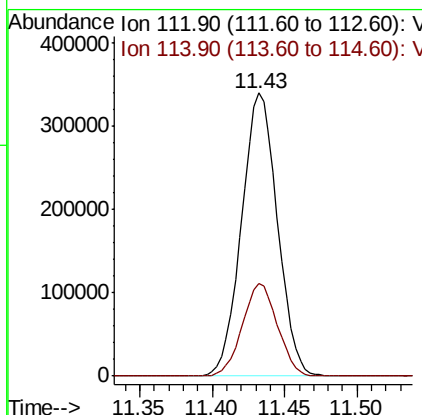
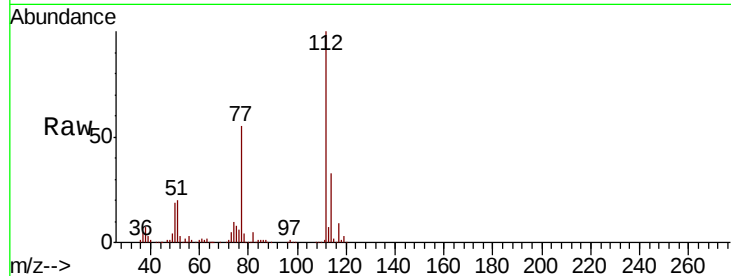




#65
Chlorobenzene
Concen: 50.259 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

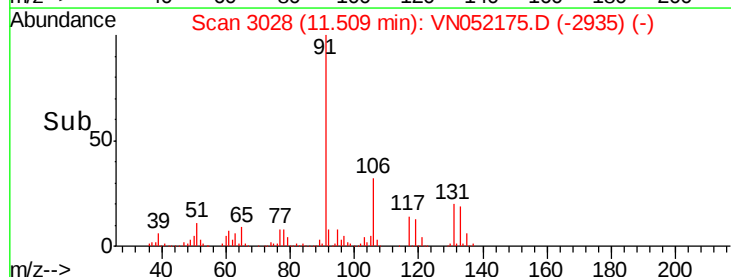
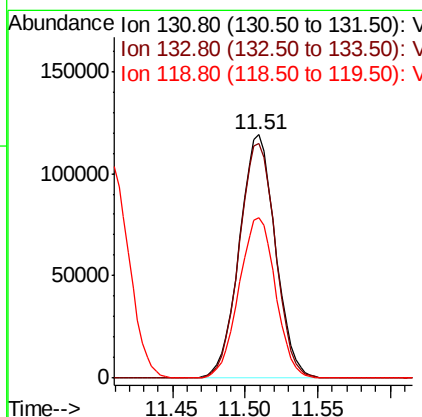
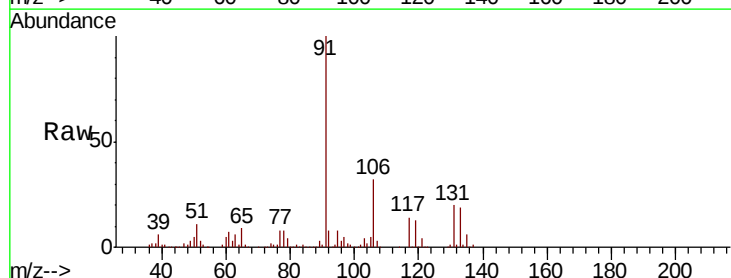
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

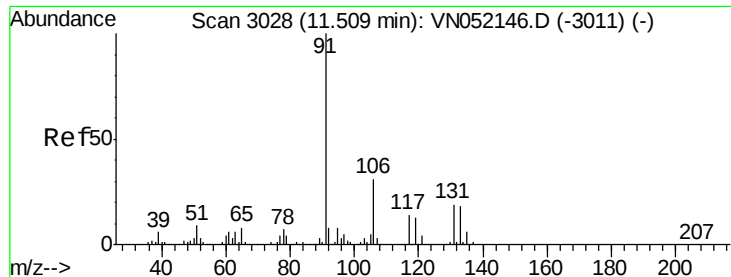
Tot Ion:112 Resp: 585808
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.491 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion:131 Resp: 205468
Ion Ratio Lower Upper
131 100
133 97.4 46.6 139.8
119 66.9 33.6 100.8

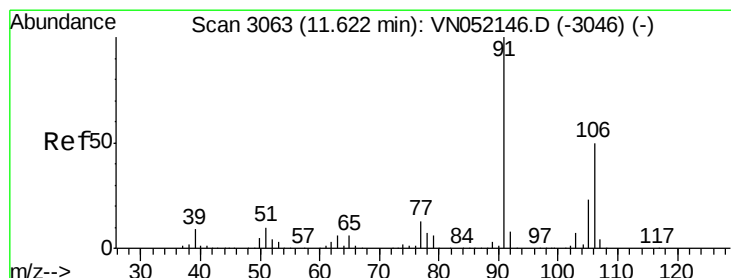
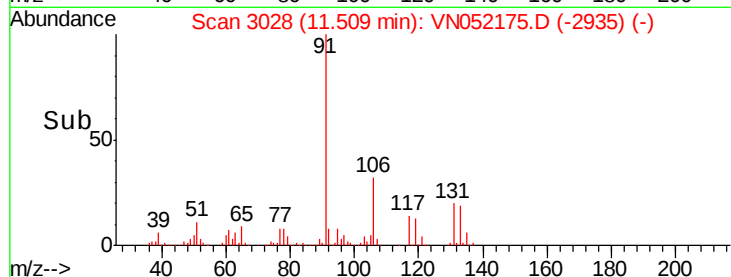
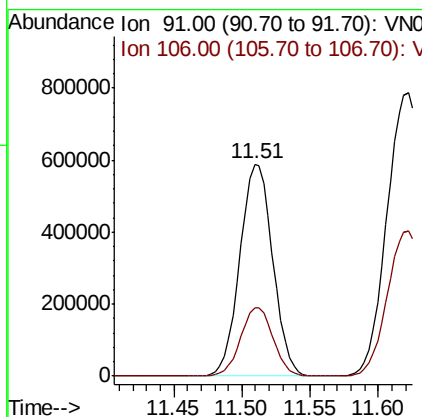
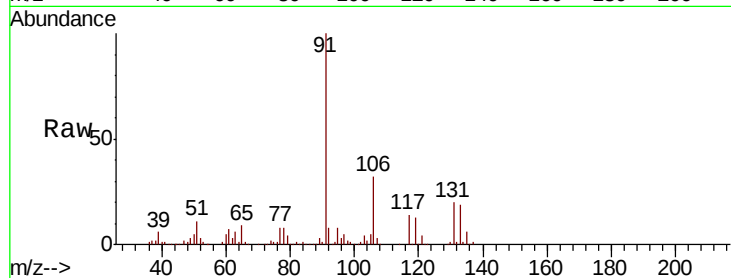




#67
Ethyl Benzene
Concen: 50.937 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

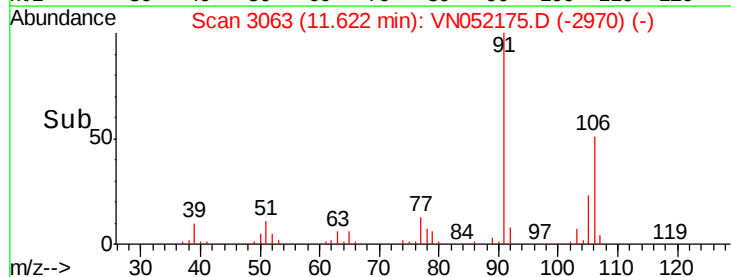
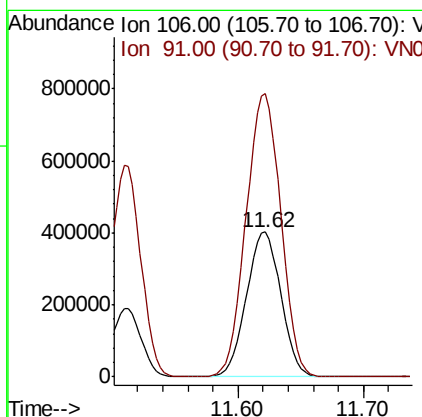
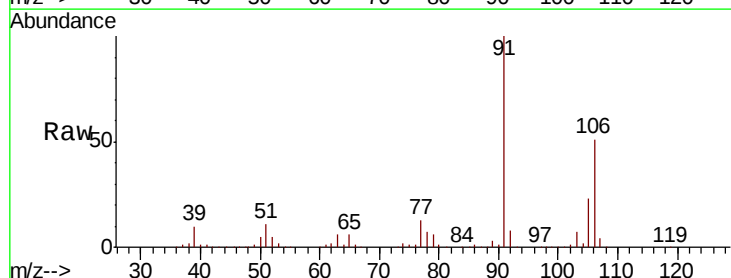
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

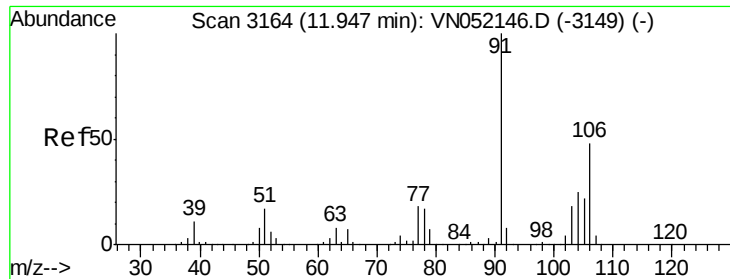
Tot Ion: 91 Resp: 986108
Ion Ratio Lower Upper
91 100
106 32.5 25.1 37.7



#68
m/p-Xylenes
Concen: 102.812 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 106 Resp: 767999
Ion Ratio Lower Upper
106 100
91 197.9 158.2 237.4

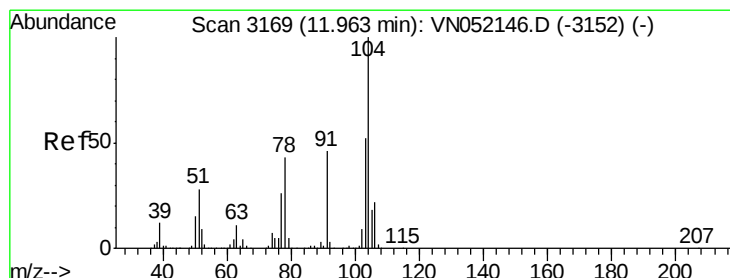
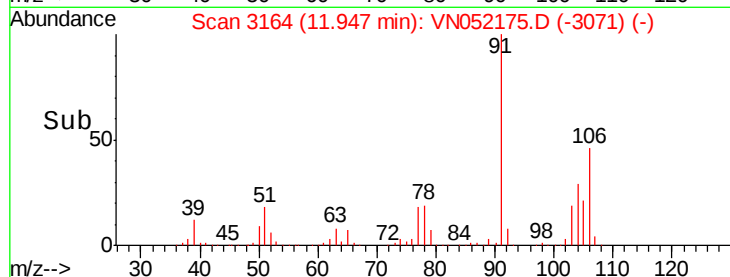
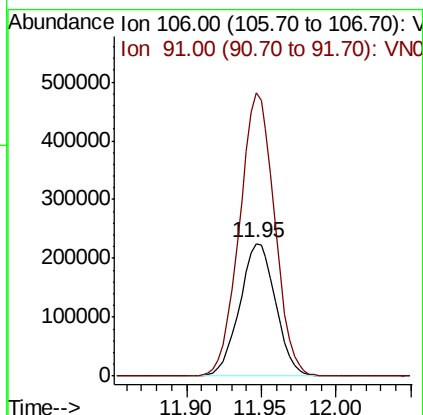
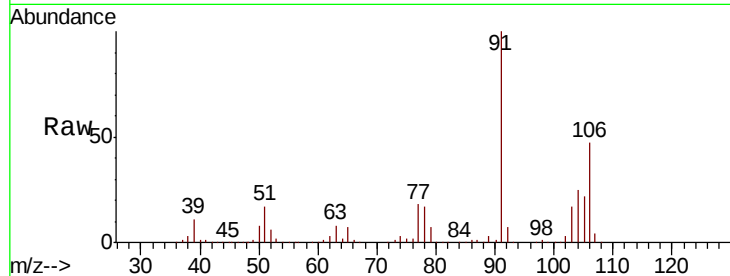




#69
o-Xylene
Concen: 51.986 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

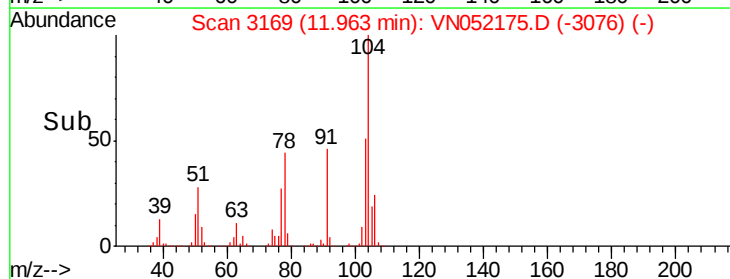
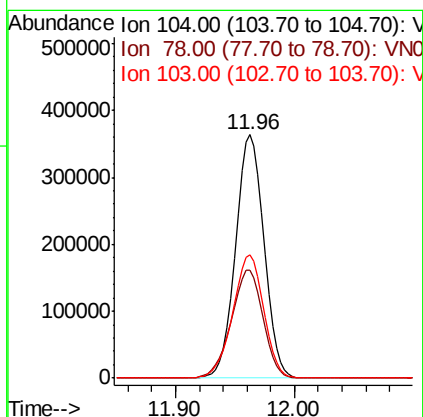
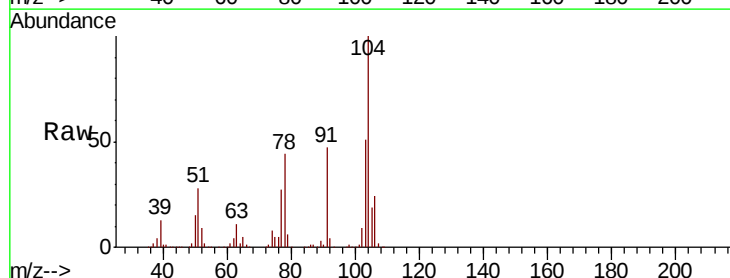
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

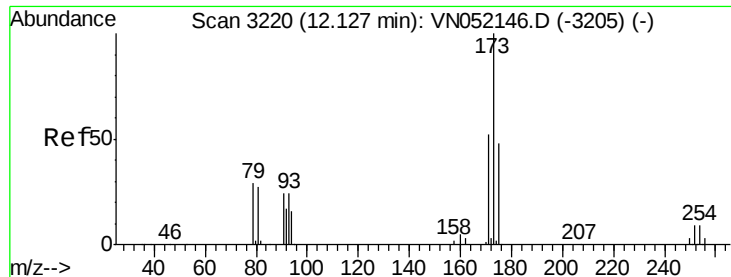
Tot Ion:106 Resp: 376605
Ion Ratio Lower Upper
106 100
91 208.5 104.8 314.3



#70
Styrene
Concen: 52.481 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion:104 Resp: 601859
Ion Ratio Lower Upper
104 100
78 49.4 39.4 59.0
103 55.2 45.1 67.7

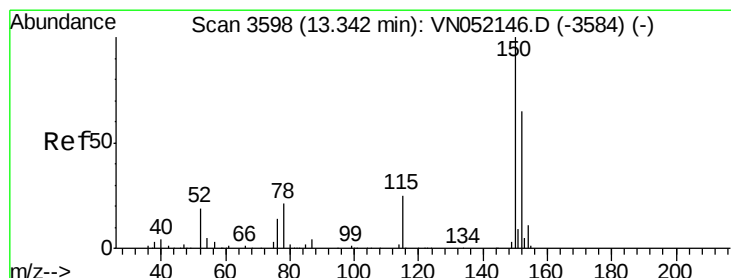
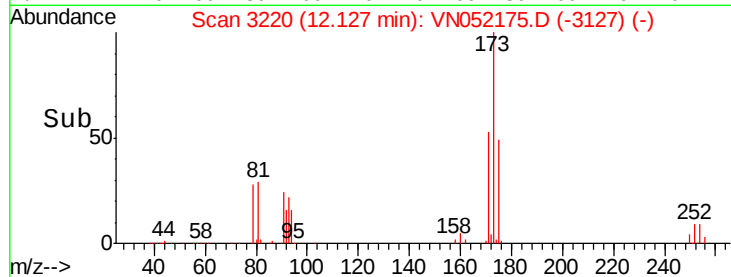
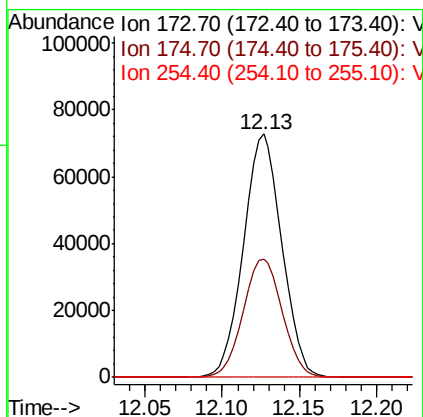
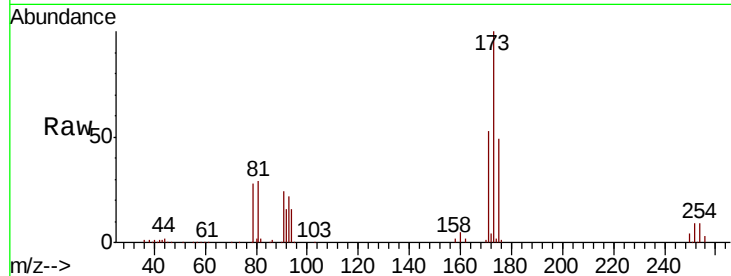




#71
Bromoform
Concen: 48.267 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

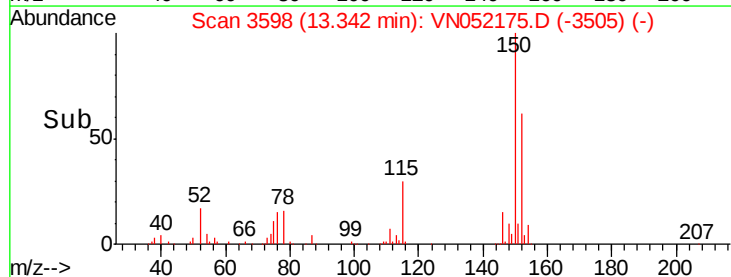
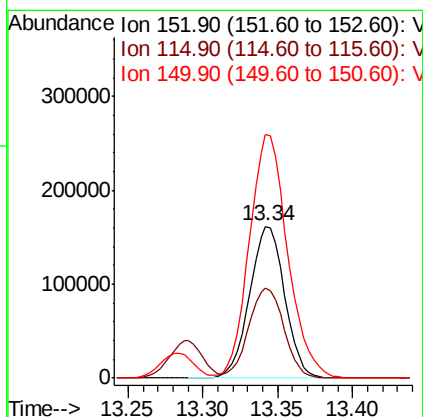
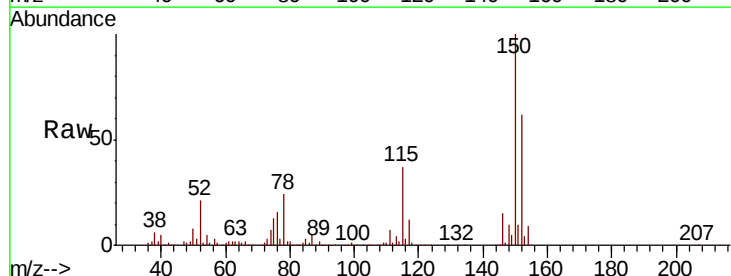
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

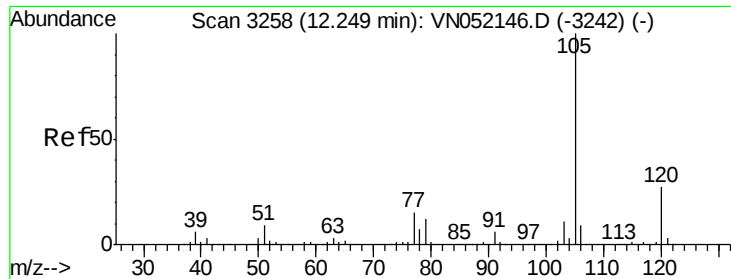
Tot Ion:173 Resp: 125710
Ion Ratio Lower Upper
173 100
175 49.6 24.8 74.4
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion:152 Resp: 263519
Ion Ratio Lower Upper
152 100
115 59.3 28.5 85.5
150 175.3 0.0 348.6





#73

Isopropylbenzene

Concen: 49.323 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

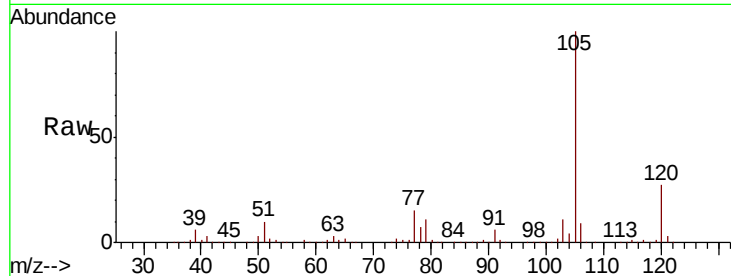
VSTDCCC050EC

Tot Ion:105 Resp: 982738

Ion Ratio Lower Upper

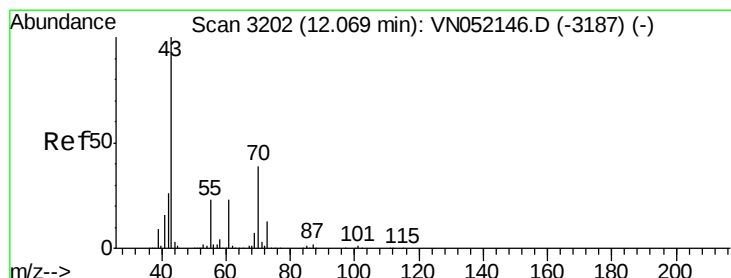
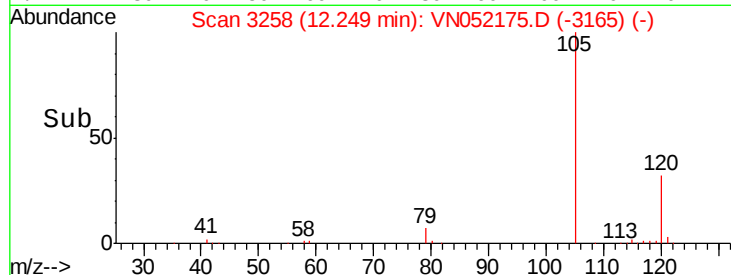
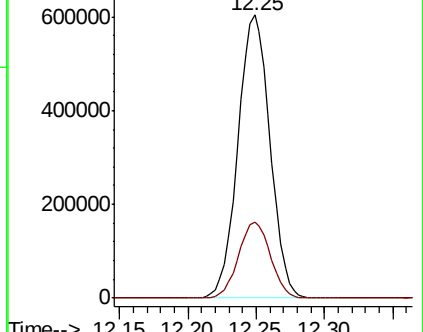
105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.805 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Tgt Ion: 43 Resp: 324036

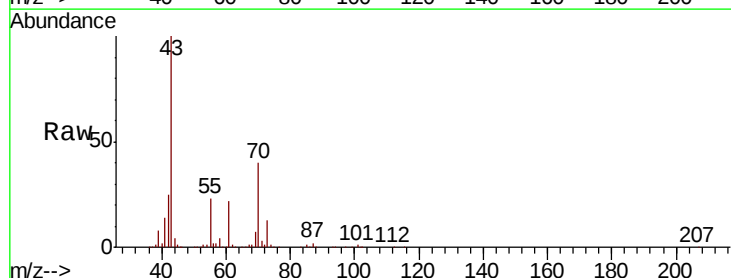
Ion Ratio Lower Upper

43 100

70 39.2 31.1 46.7

55 23.5 18.5 27.7

61 22.5 18.0 27.0

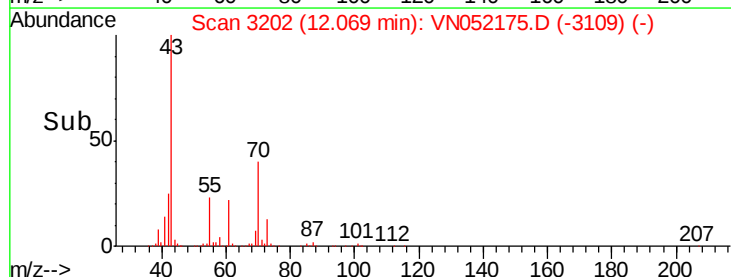
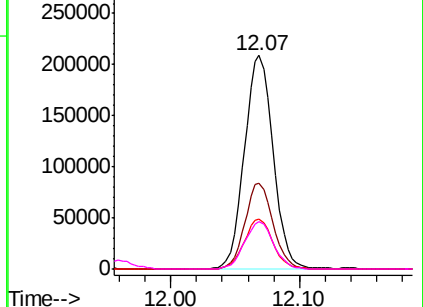


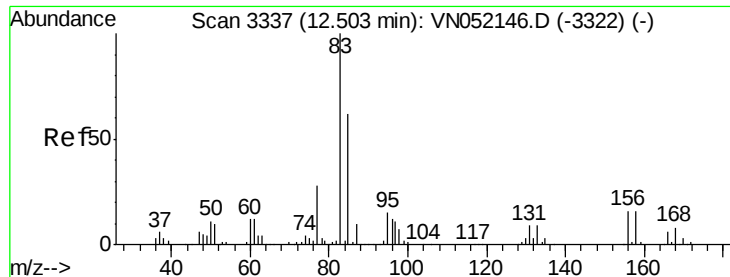
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.349 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

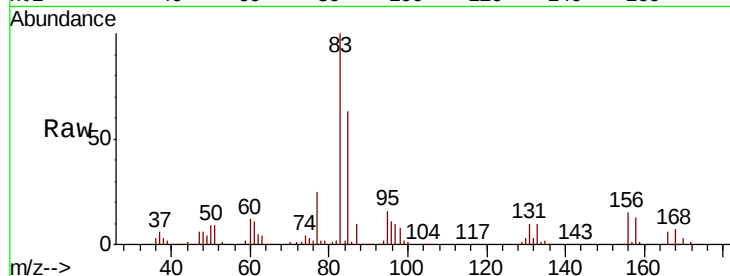
Tot Ion: 83 Resp: 228311

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

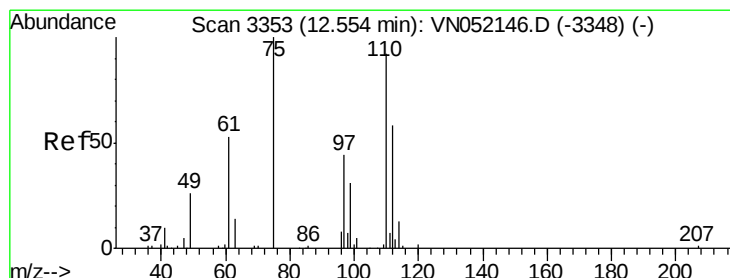
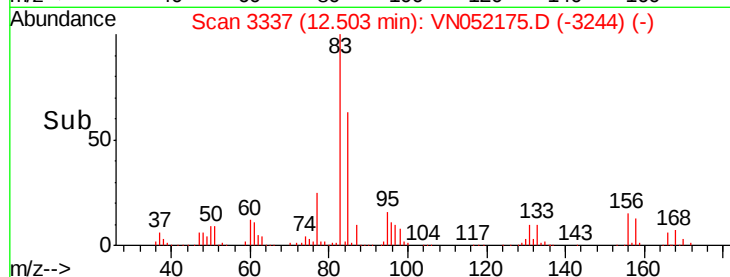
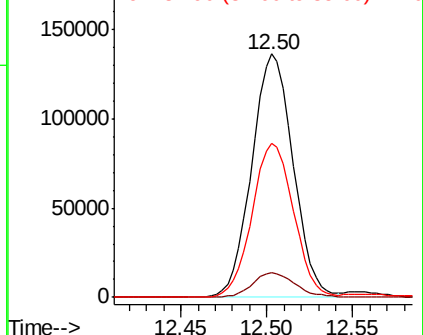
85 63.3 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VN052175.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN052175.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN052175.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 69.766 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052175.D

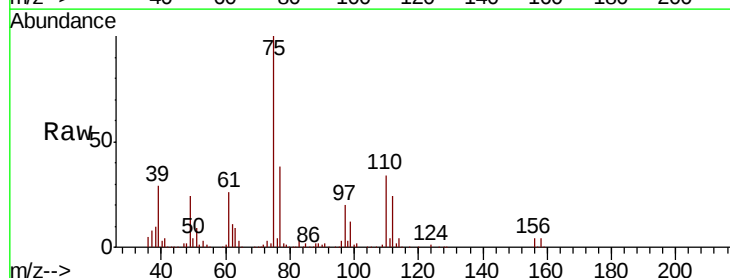
Acq: 6 Nov 2018 3:55

Tgt Ion: 75 Resp: 289324

Ion Ratio Lower Upper

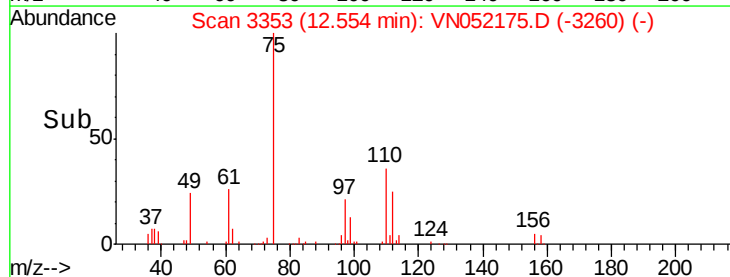
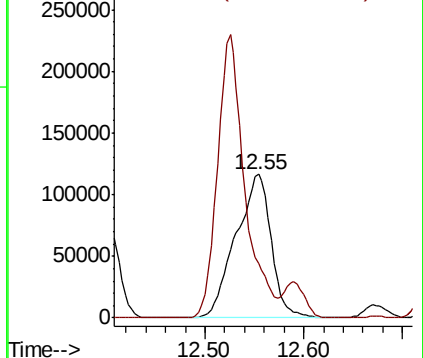
75 100

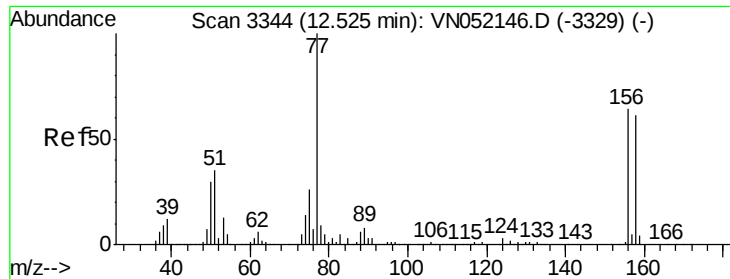
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052175.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN052175.D (-3260) (-)





#77

Bromobenzene

Concen: 49.546 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

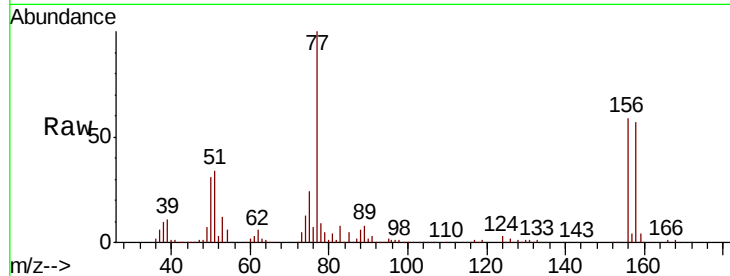
Tot Ion:156 Resp: 235407

Ion Ratio Lower Upper

156 100

77 189.1 91.6 274.9

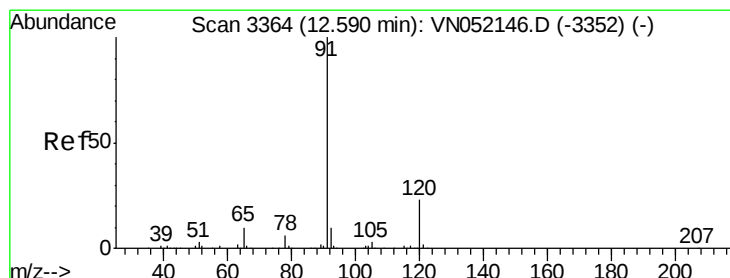
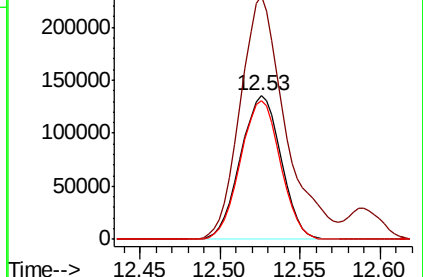
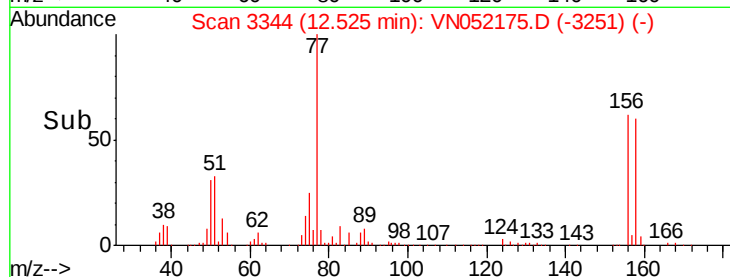
158 95.1 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.479 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052175.D

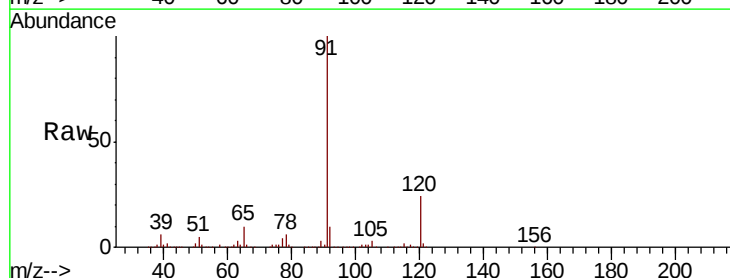
Acq: 6 Nov 2018 3:55

Tgt Ion: 91 Resp: 1126680

Ion Ratio Lower Upper

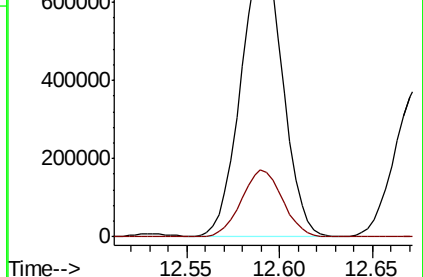
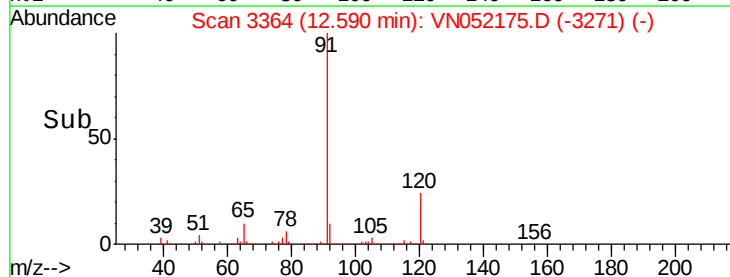
91 100

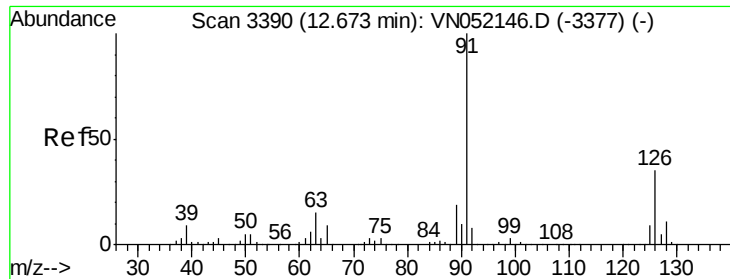
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

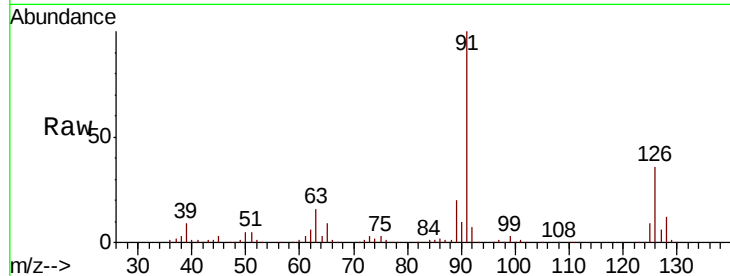




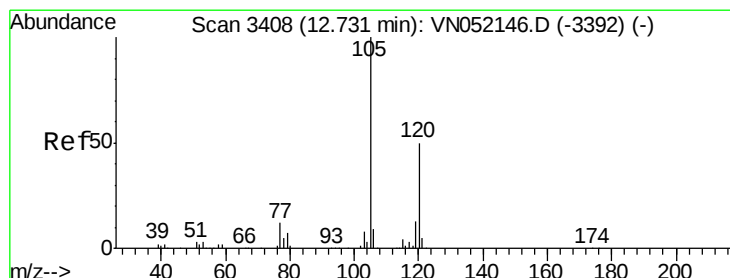
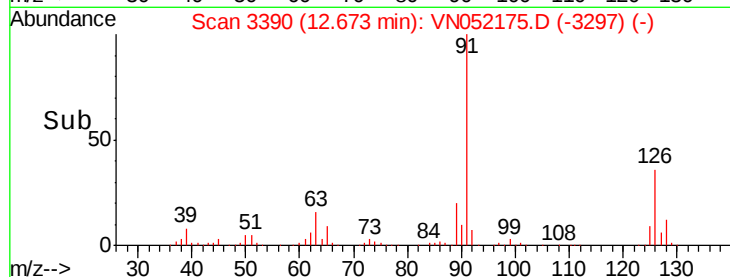
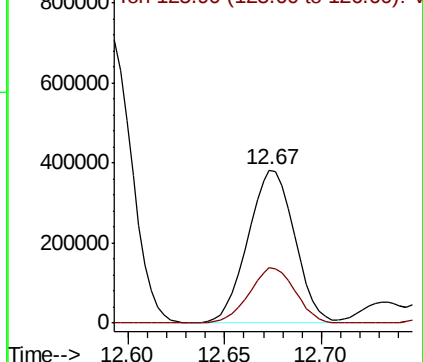
#79
 2-Chlorotoluene
 Concen: 48.240 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 644151
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.0 54.0

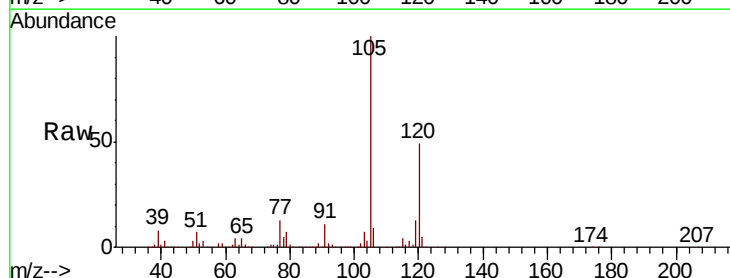


Abundance Ion 91.00 (90.70 to 91.70): VN052146.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN052146.D (-3377) (-)

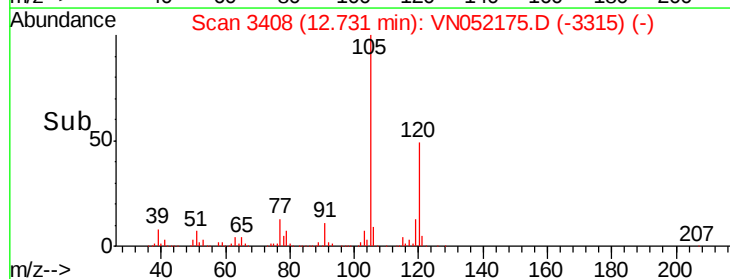
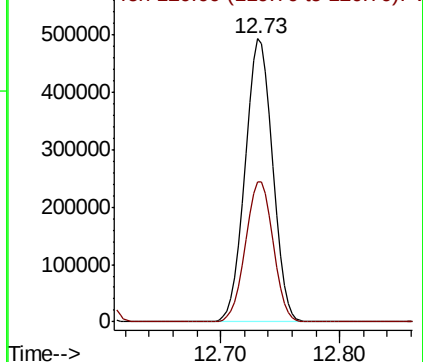


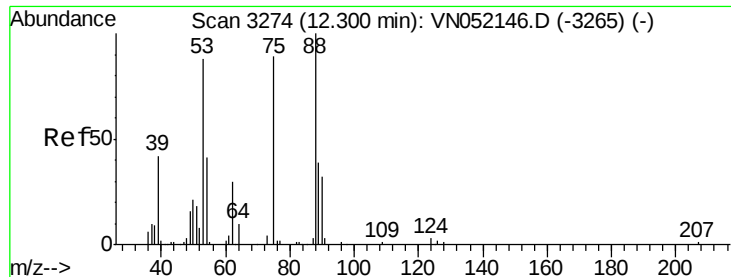
#80
 1,3,5-Trimethylbenzene
 Concen: 48.931 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion: 105 Resp: 789161
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN052146.D (-3392) (-)
 Ion 120.00 (119.70 to 120.70): VN052146.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.105 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

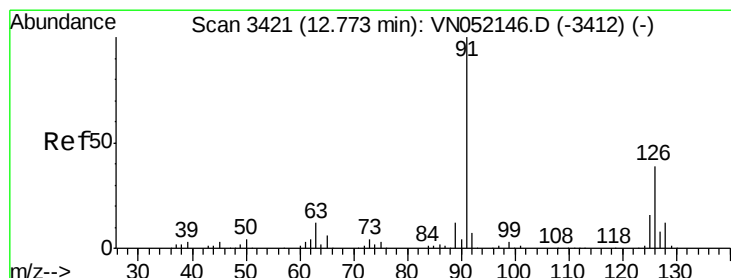
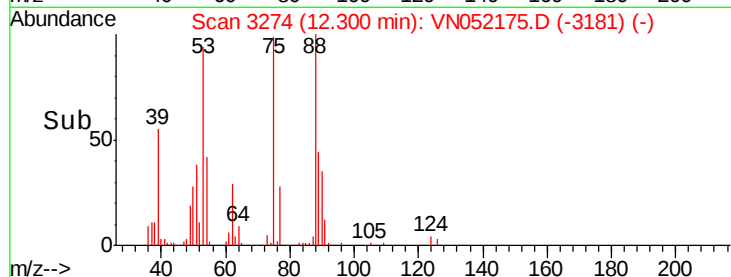
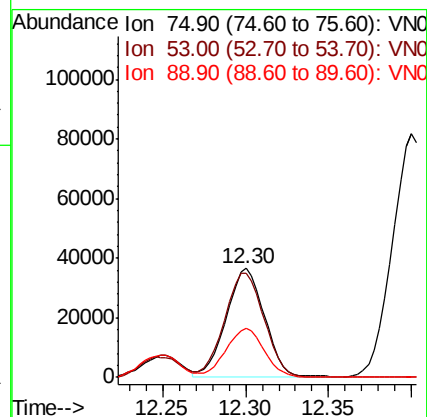
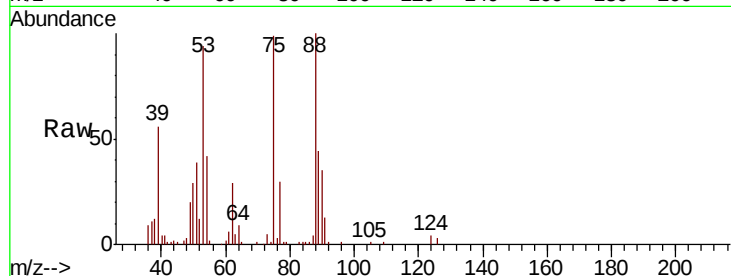
Tot Ion: 75 Resp: 59189

Ion Ratio Lower Upper

75 100

53 96.9 79.4 119.0

89 44.6 35.8 53.8



#82

4-Chlorotoluene

Concen: 49.050 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052175.D

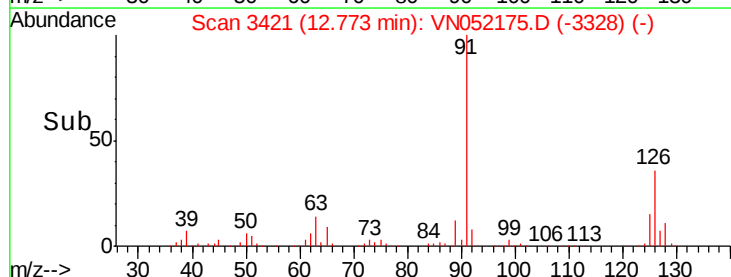
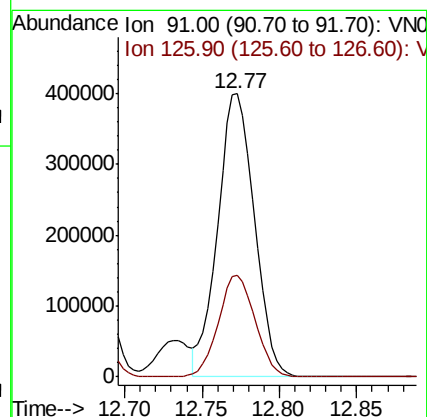
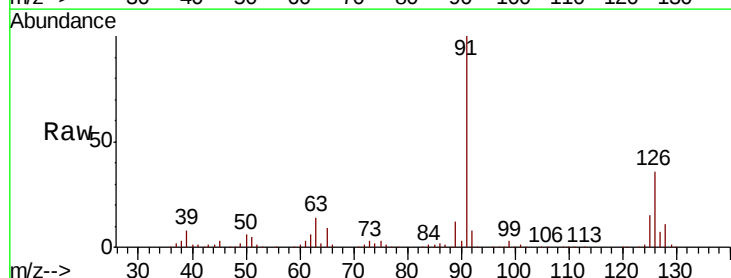
Acq: 6 Nov 2018 3:55

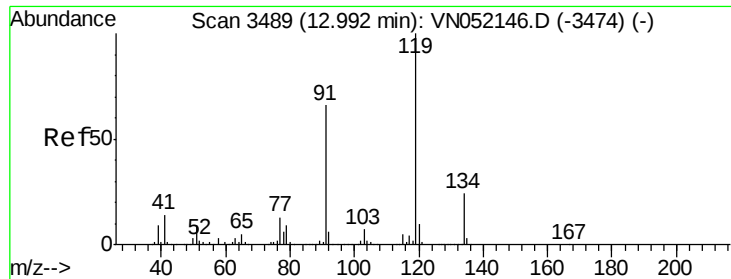
Tgt Ion: 91 Resp: 658298

Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.5

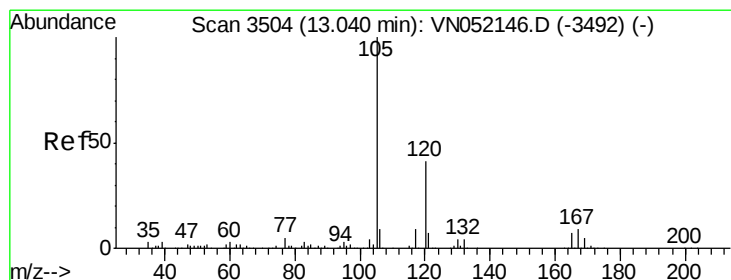
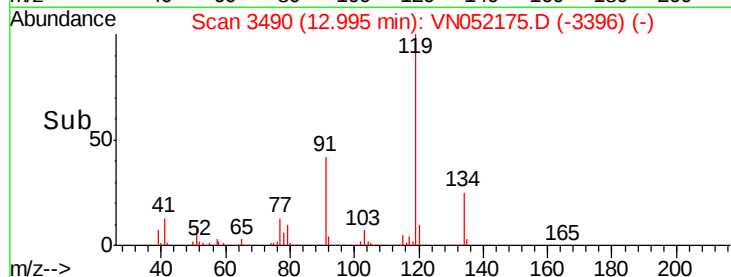
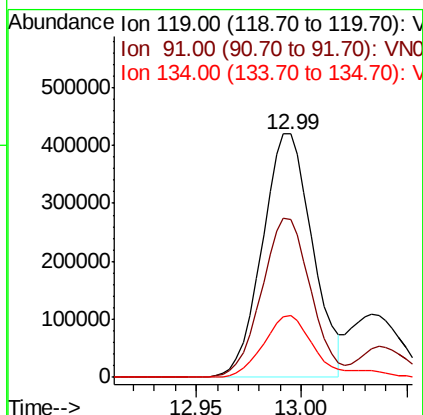
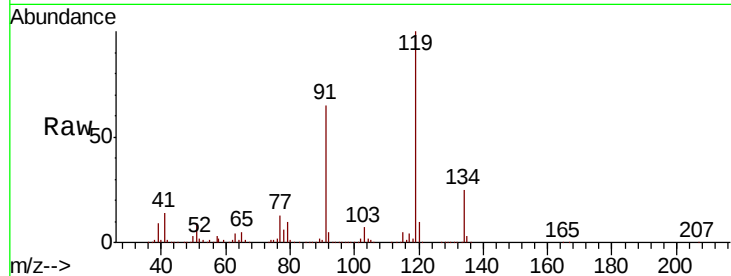




#83
tert-Butylbenzene
Concen: 48.633 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

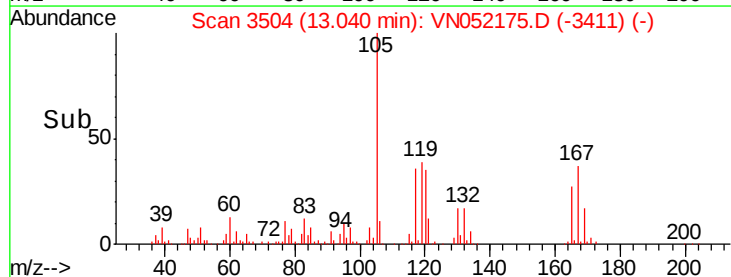
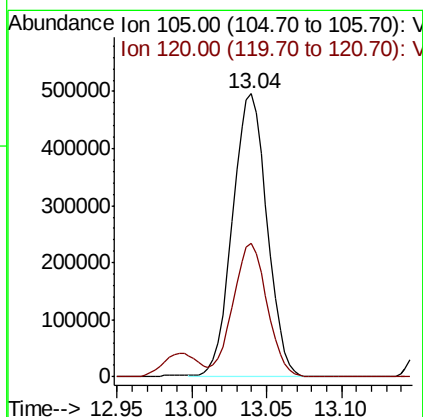
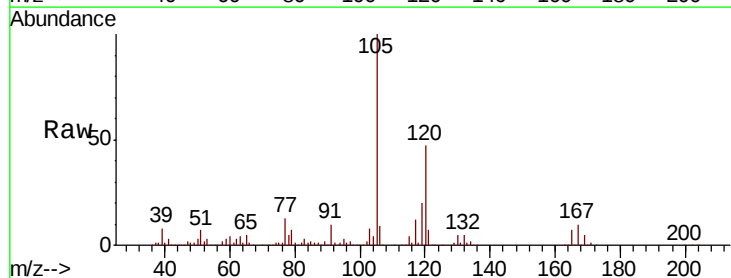
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

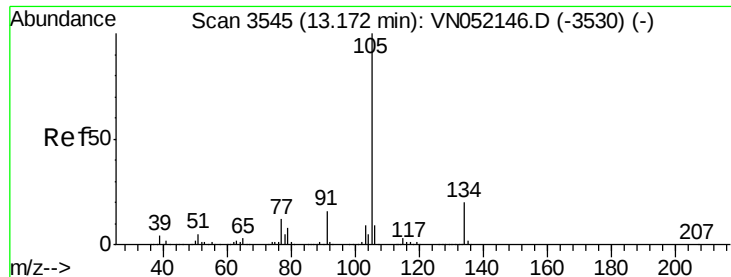
Tot Ion:119 Resp: 692582
Ion Ratio Lower Upper
119 100
91 64.1 32.3 96.8
134 26.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 49.581 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion:105 Resp: 795991
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.5





#85

sec-Butylbenzene

Concen: 48.931 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

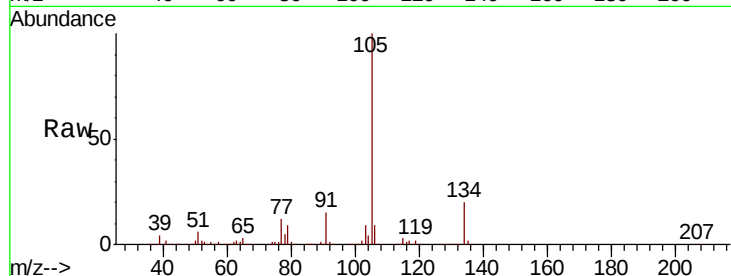
VSTDCCC050EC

Tot Ion:105 Resp: 942235

Ion Ratio Lower Upper

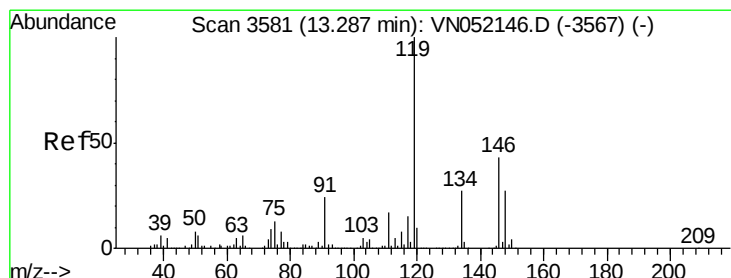
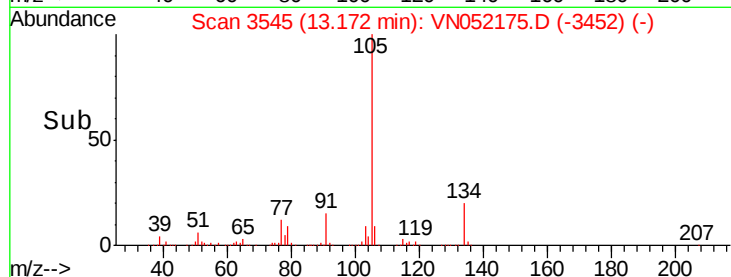
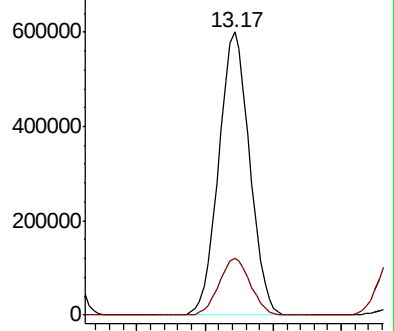
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.527 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

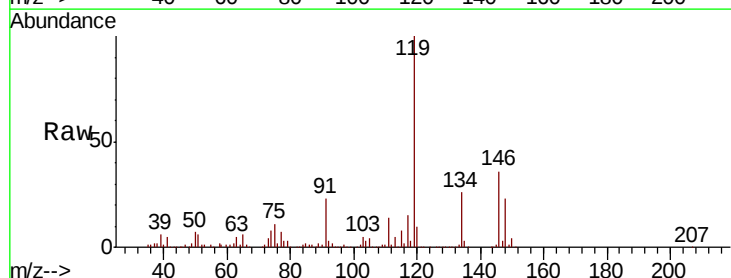
Tgt Ion:119 Resp: 802736

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

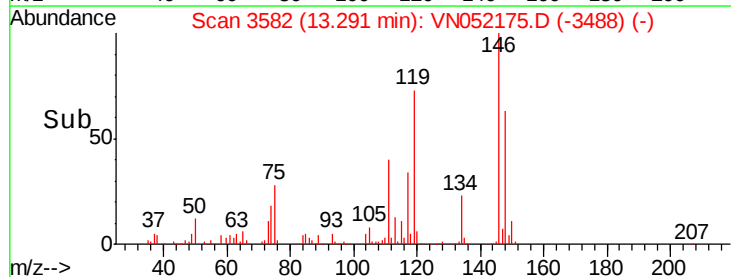
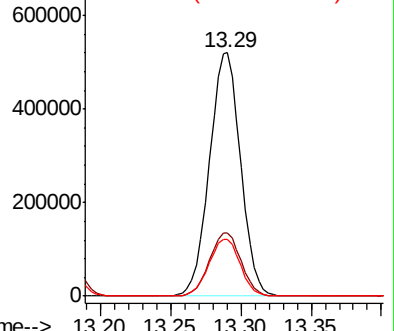
91 23.7 11.9 35.7

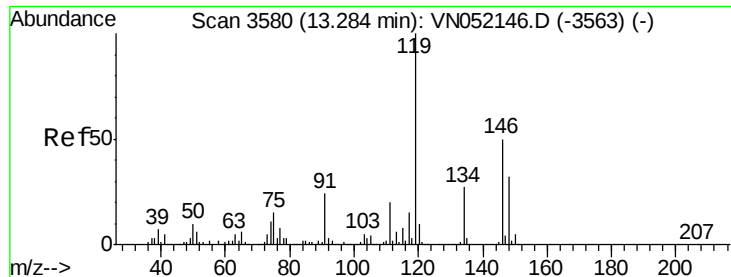


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

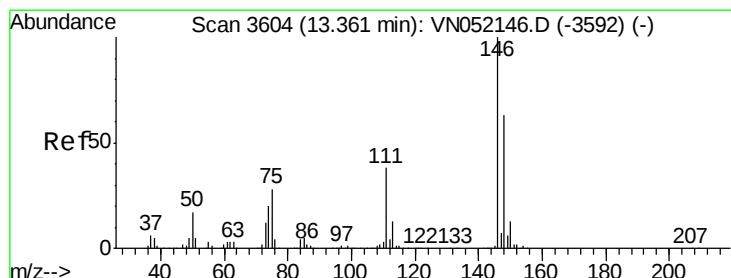
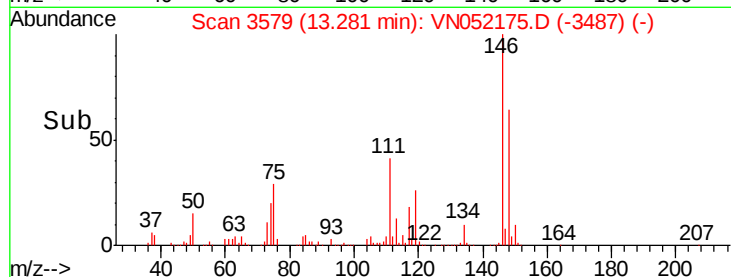
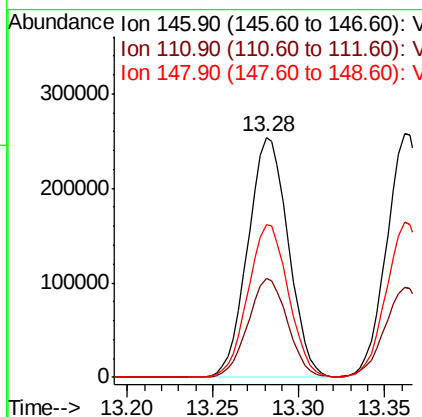
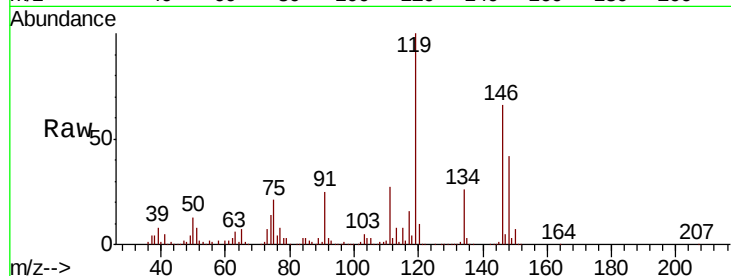




#87
 1,3-Dichlorobenzene
 Concen: 49.355 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

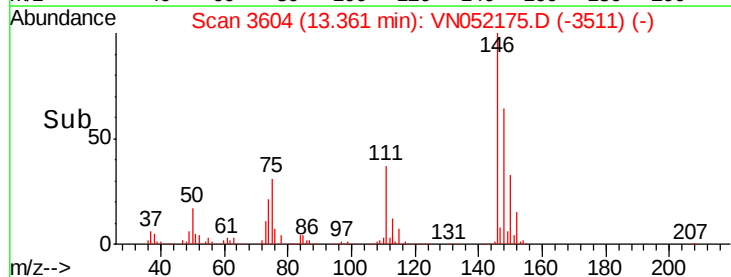
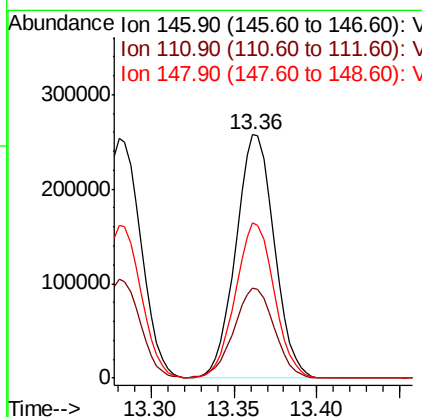
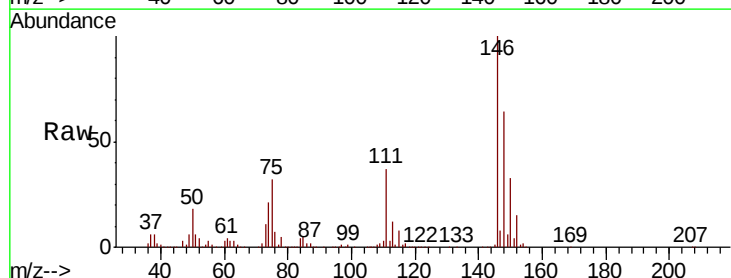
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

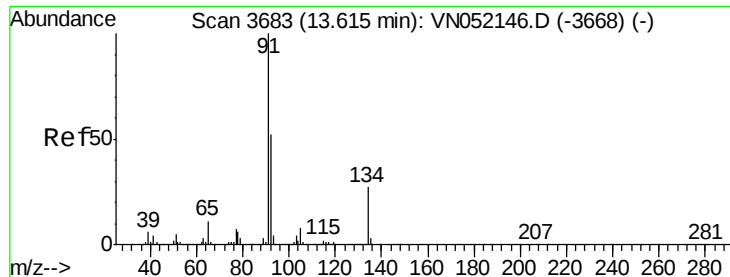
Tot Ion:146 Resp: 414398
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 63.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.604 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion:146 Resp: 416297
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.1
 148 64.0 31.5 94.5

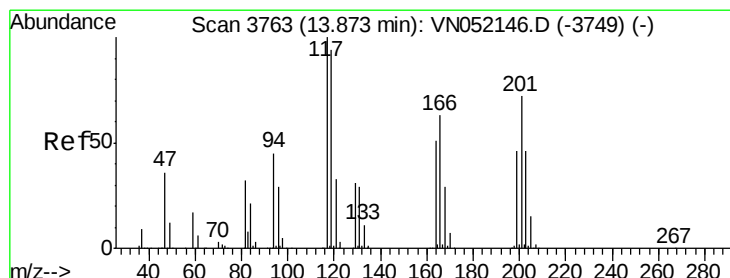
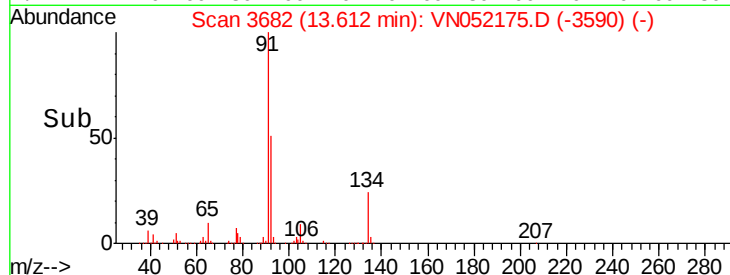
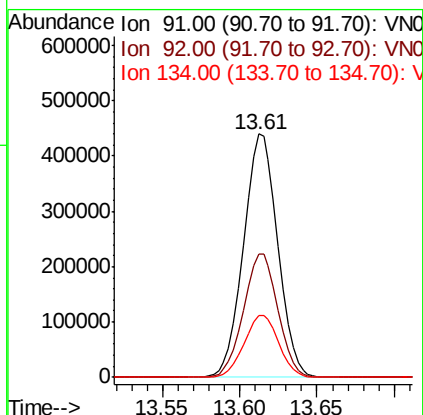
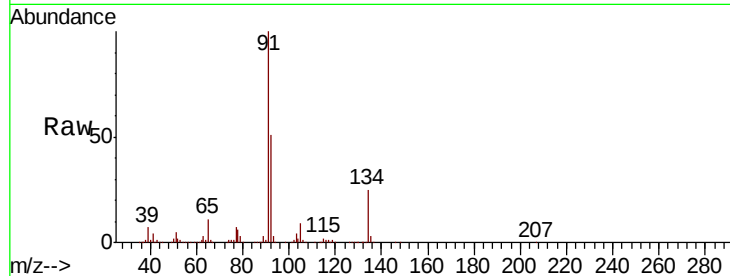




#89
n-Butylbenzene
Concen: 48.150 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

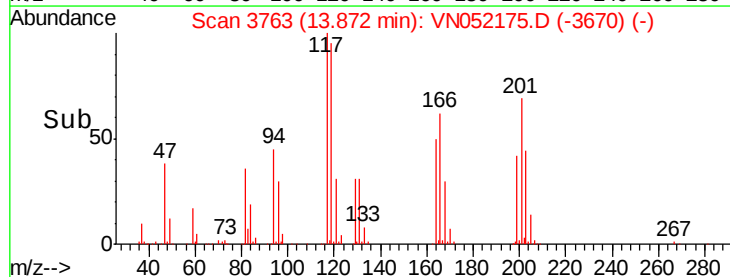
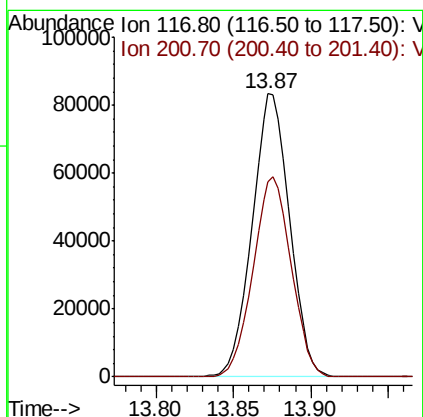
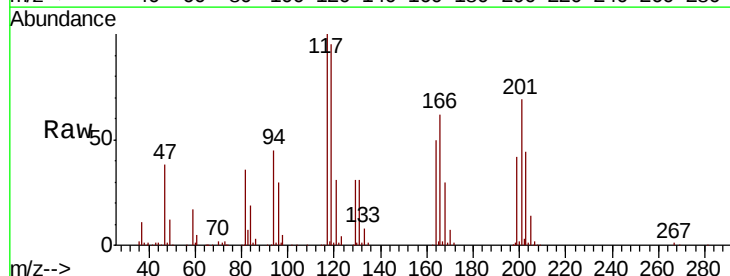
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

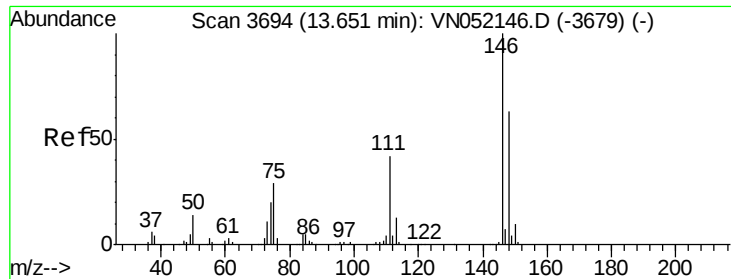
Tot Ion: 91 Resp: 675754
Ion Ratio Lower Upper
91 100
92 51.1 26.3 78.8
134 25.8 13.4 40.2



#90
Hexachloroethane
Concen: 51.442 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN052175.D
Acq: 6 Nov 2018 3:55

Tgt Ion: 117 Resp: 140518
Ion Ratio Lower Upper
117 100
201 71.9 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 51.777 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

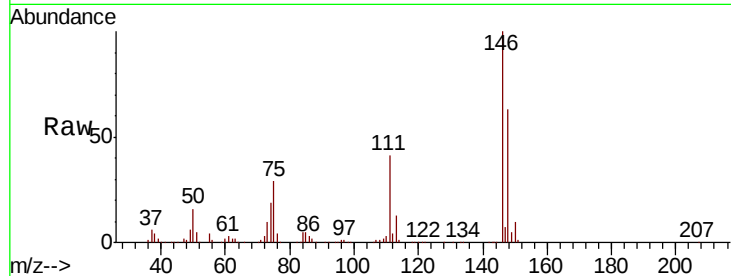
Tot Ion:146 Resp: 407990

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.1

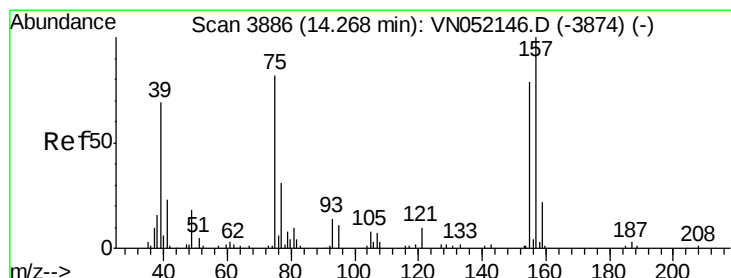
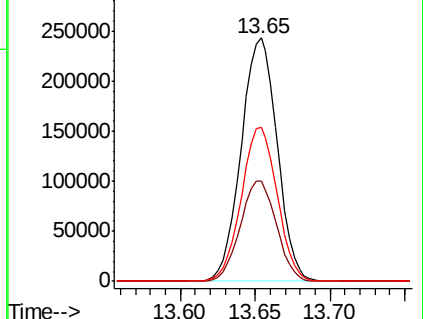
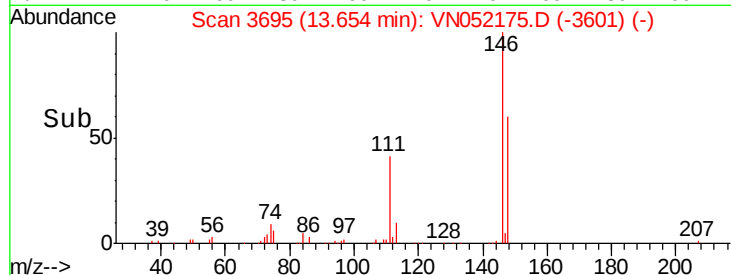
148 63.0 31.4 94.3



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: 56.775 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

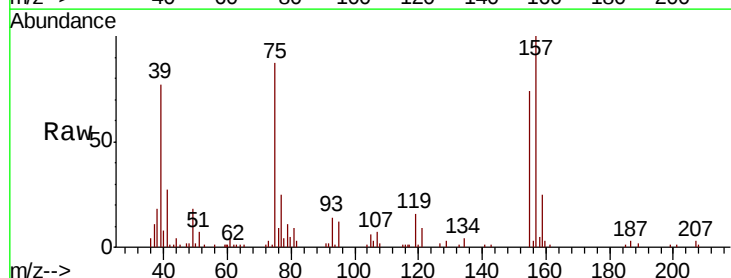
Tgt Ion: 75 Resp: 32686

Ion Ratio Lower Upper

75 100

155 88.3 47.4 142.2

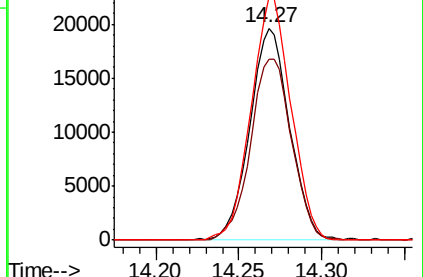
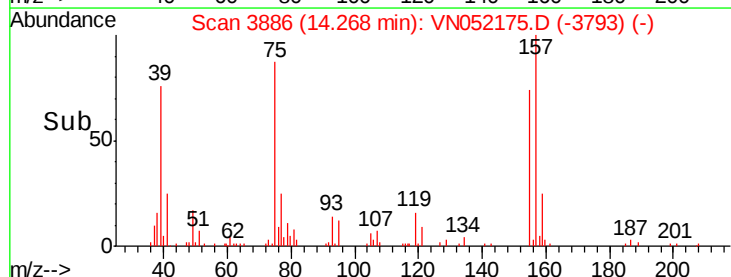
157 114.9 60.3 180.8

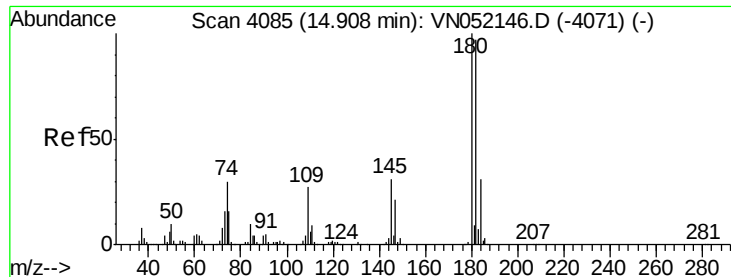


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

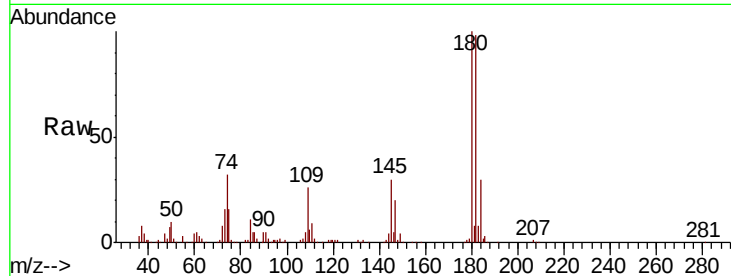




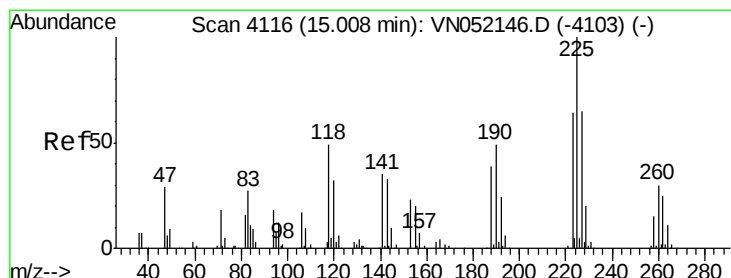
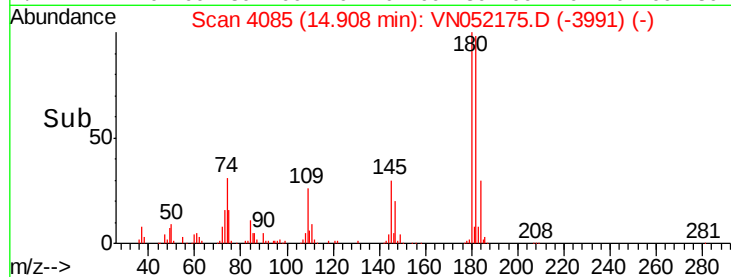
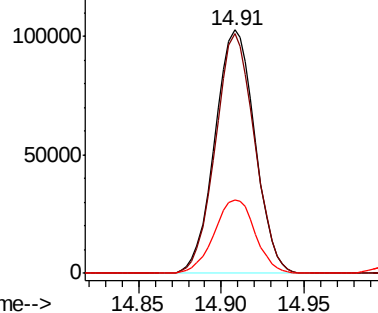
#93
 1,2,4-Trichlorobenzene
 Concen: 46.435 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.4
145	30.9	15.3	45.9

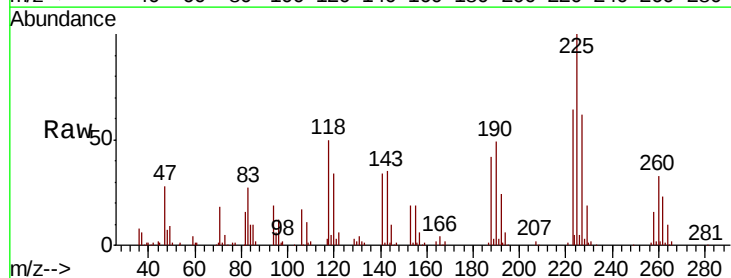


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

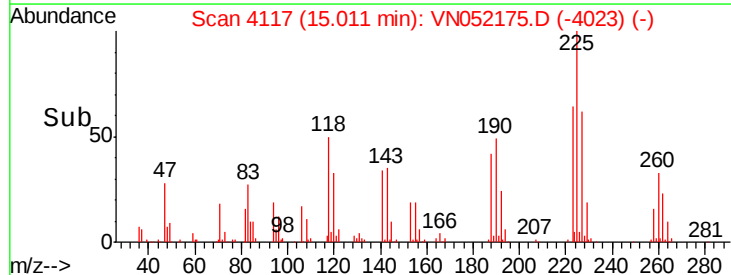
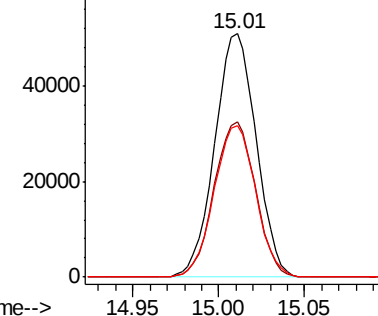


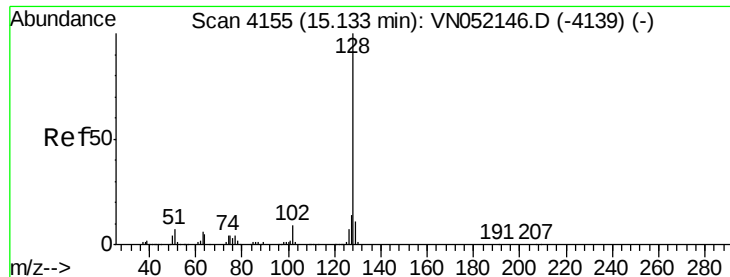
#94
 Hexachlorobutadiene
 Concen: 46.071 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052175.D
 Acq: 6 Nov 2018 3:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.3	96.8
227	62.4	31.6	94.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.057 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

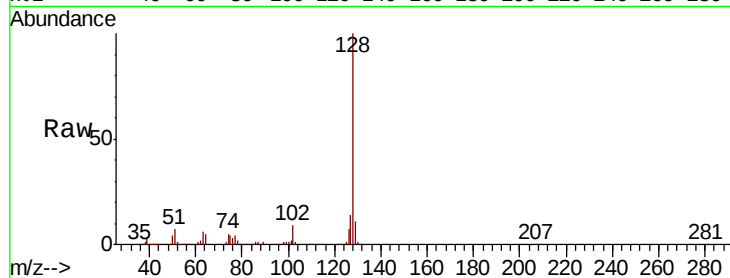
Tot Ion:128 Resp: 436212

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

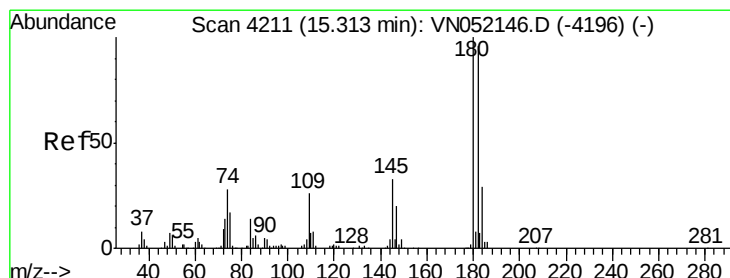
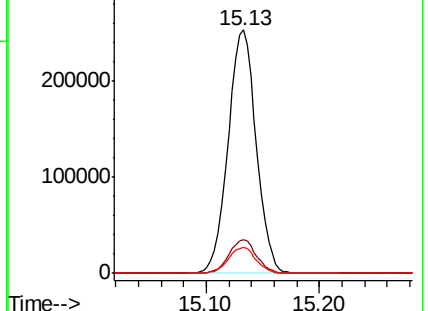
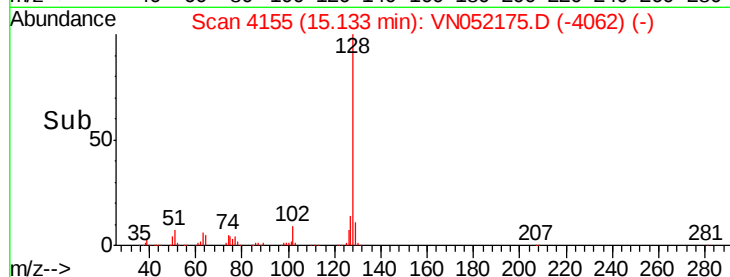
129 10.5 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.528 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052175.D

Acq: 6 Nov 2018 3:55

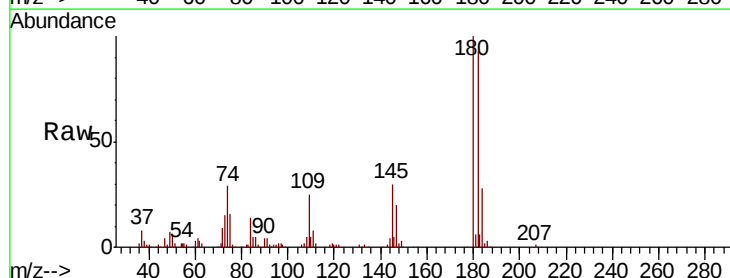
Tgt Ion:180 Resp: 161766

Ion Ratio Lower Upper

180 100

182 91.2 46.6 139.7

145 31.6 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

