

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054355.D
 Acq On : 17 Mar 2019 00:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 18 04:56:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1197010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1856508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1647736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	785160	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	663087	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
35) Dibromofluoromethane	7.59	113	615648	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
50) Toluene-d8	10.09	98	2206483	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	772161	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	576618	50.827	ug/l	98
3) Chloromethane	2.06	50	563362	51.123	ug/l	99
4) Vinyl Chloride	2.18	62	622206	49.400	ug/l	98
5) Bromomethane	2.57	94	399352	45.779	ug/l	99
6) Chloroethane	2.71	64	380202	49.890	ug/l	99
7) Trichlorofluoromethane	3.02	101	822193	49.098	ug/l	99
8) Diethyl Ether	3.41	74	422800	55.405	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	653748	52.097	ug/l	100
10) Methyl Iodide	3.94	142	1029481	57.535	ug/l	99
11) Tert butyl alcohol	4.82	59	206902	237.414	ug/l	98
12) 1,1-Dichloroethene	3.73	96	655784	52.734	ug/l	99
13) Acrolein	3.61	56	172335	208.687	ug/l	98
14) Allyl chloride	4.31	41	803408	50.354	ug/l	100
15) Acrylonitrile	4.99	53	1033838	288.799	ug/l	99
16) Acetone	3.82	43	749470	205.909	ug/l	100
17) Carbon Disulfide	4.04	76	1334528	42.809	ug/l	100
18) Methyl Acetate	4.33	43	475617	64.587	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1683734	54.624	ug/l	99
20) Methylene Chloride	4.55	84	640689	53.607	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	622267	52.226	ug/l	98
22) Diisopropyl ether	5.96	45	1788932	56.178	ug/l	97
23) Vinyl Acetate	5.90	43	6357516	270.777	ug/l	100
24) 1,1-Dichloroethane	5.84	63	1115625	54.563	ug/l	100
25) 2-Butanone	6.84	43	1189160	278.360	ug/l	99
26) 2,2-Dichloropropane	6.82	77	681323	37.892	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	734139	55.230	ug/l	97
28) Bromochloromethane	7.19	49	445746	53.327	ug/l	99
29) Tetrahydrofuran	7.22	42	779519	283.796	ug/l	99
30) Chloroform	7.37	83	1203812	56.422	ug/l	100
31) Cyclohexane	7.65	56	953108	49.856	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1016279	52.742	ug/l	99
36) 1,1-Dichloropropene	7.79	75	861720	50.402	ug/l	99
37) Ethyl Acetate	6.94	43	526840	53.630	ug/l	99
38) Carbon Tetrachloride	7.77	117	879084	49.031	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	994326	47.269	ug/l	99
40) Benzene	8.04	78	2593454	53.009	ug/l	99
41) Methacrylonitrile	7.18	41	297559	53.050	ug/l	97
42) 1,2-Dichloroethane	8.12	62	876944	53.091	ug/l	100
43) Isopropyl Acetate	8.17	43	890458	51.641	ug/l	99
44) Trichloroethene	8.83	130	790907	52.039	ug/l	98
45) 1,2-Dichloropropane	9.12	63	668595	55.036	ug/l	99
46) Dibromomethane	9.21	93	433369	52.797	ug/l	100
47) Bromodichloromethane	9.40	83	878578	53.392	ug/l	98
48) Methyl methacrylate	9.20	41	481476	55.022	ug/l	99
49) 1,4-Dioxane	9.20	88	139270	1125.171	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2623147	287.461	ug/l	100
52) Toluene	10.16	92	1654373	53.330	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	798701	42.738	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	960234	50.076	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	625935	55.260	ug/l	99
56) Ethyl methacrylate	10.43	69	744202	55.101	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1014177	54.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1397989	239.353	ug/l	100
59) 2-Hexanone	10.75	43	1636632	269.542	ug/l	99
60) Dibromochloromethane	10.90	129	673935	52.861	ug/l	100
61) 1,2-Dibromoethane	11.00	107	622962	54.120	ug/l	100
64) Tetrachloroethene	10.63	164	813176	51.043	ug/l	99
65) Chlorobenzene	11.43	112	1918741	53.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	705108	53.648	ug/l	100
67) Ethyl Benzene	11.51	91	3131656	52.217	ug/l	99
68) m/p-Xylenes	11.62	106	2474429	105.561	ug/l	99
69) o-Xylene	11.95	106	1220342	53.405	ug/l	99
70) Styrene	11.96	104	1944517	54.259	ug/l	99
71) Bromoform	12.13	173	444617	44.642	ug/l	99
73) Isopropylbenzene	12.25	105	3190019	50.782	ug/l	100
74) N-amyl acetate	12.07	43	736289	52.805	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	720876	53.862	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	844549	73.146	ug/l #	100
77) Bromobenzene	12.53	156	861535	51.829	ug/l	98
78) n-propylbenzene	12.59	91	3455877	50.701	ug/l	100
79) 2-Chlorotoluene	12.67	91	2113604	51.572	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2651974	50.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	131336	38.884	ug/l	89
82) 4-Chlorotoluene	12.77	91	2107566	51.501	ug/l	100
83) tert-Butylbenzene	12.99	119	2433922	50.607	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2675832	52.200	ug/l	100
85) sec-Butylbenzene	13.17	105	3057667	49.024	ug/l	100
86) p-Isopropyltoluene	13.29	119	2689332	49.148	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1475637	52.683	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1431013	52.007	ug/l	100
89) n-Butylbenzene	13.62	91	2034614	48.938	ug/l	100
90) Hexachloroethane	13.88	117	410480	45.304	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1478452	53.994	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	107657	51.982	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
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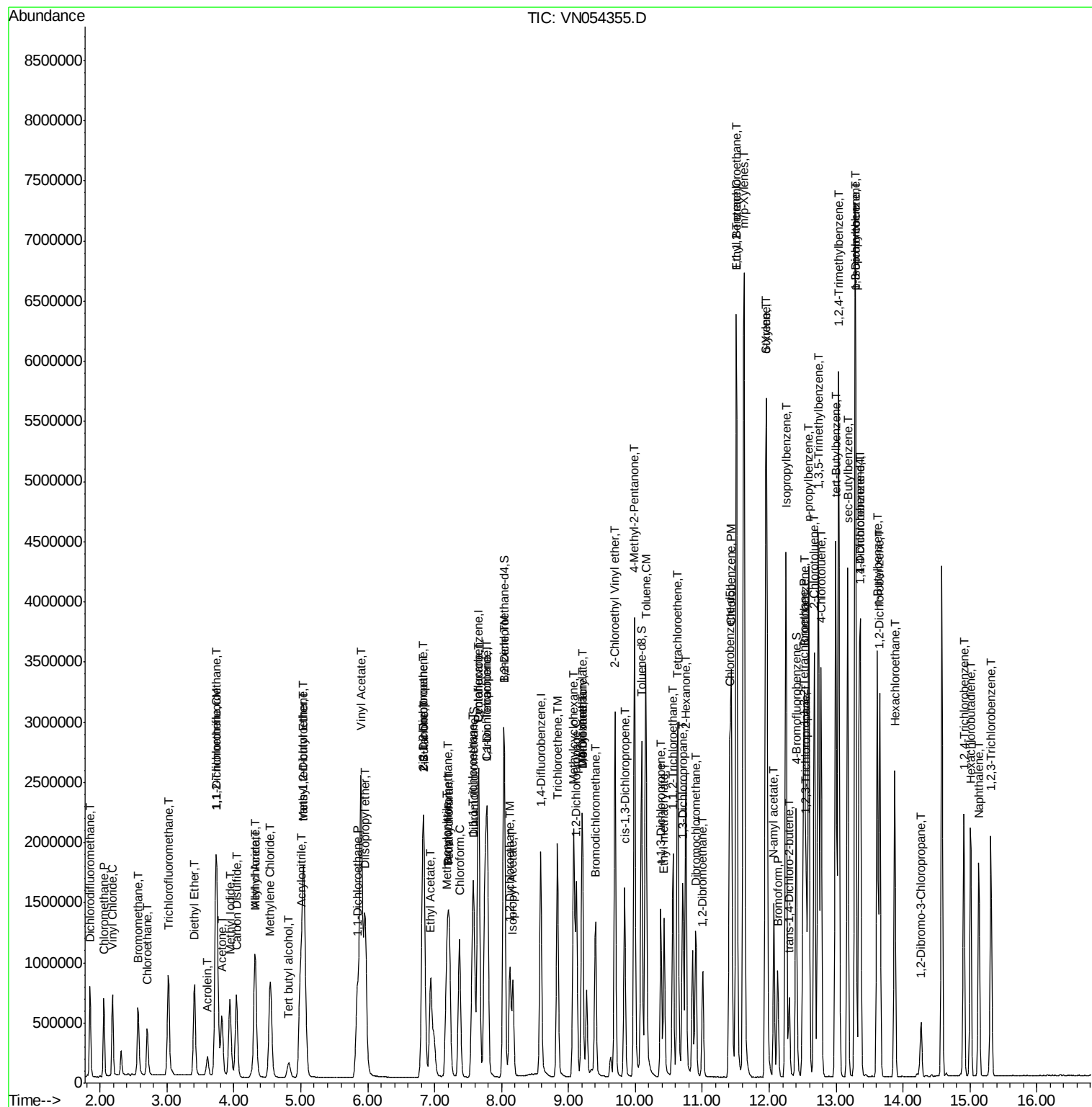
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	759278	46.135	ug/l	99
94) Hexachlorobutadiene	15.01	225	457414	43.857	ug/l	99
95) Naphthalene	15.13	128	1625597	47.399	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	766755	52.703	ug/l	99

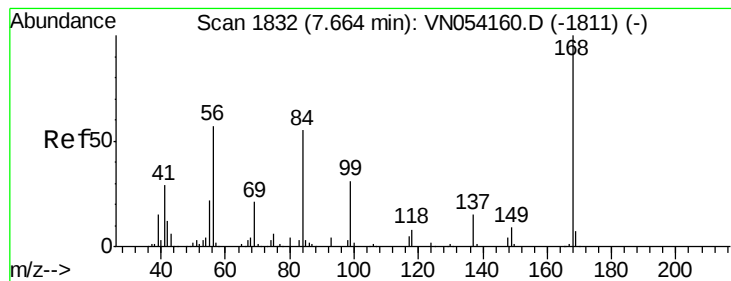
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 17 00:29:53 2019
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 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

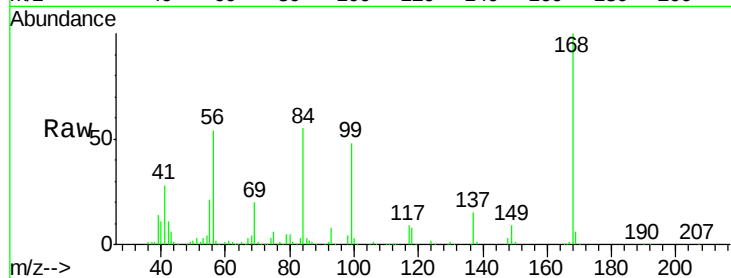
VSTDCCC050

Tot Ion:168 Resp: 1197010

Ion Ratio Lower Upper

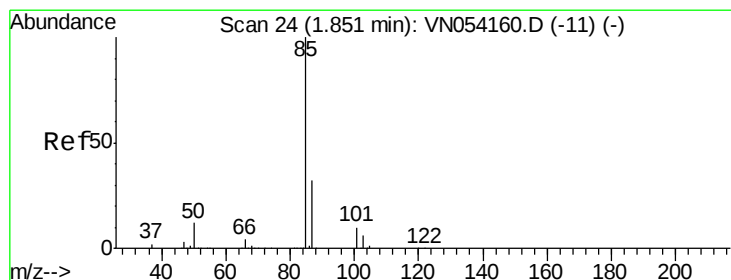
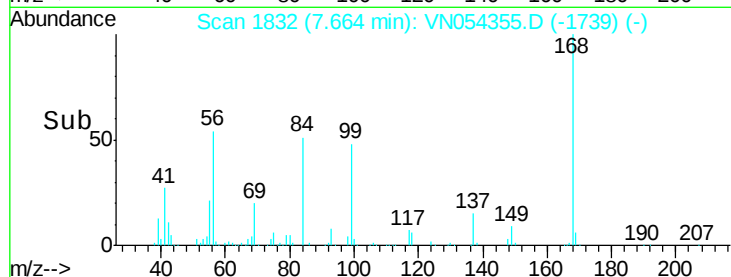
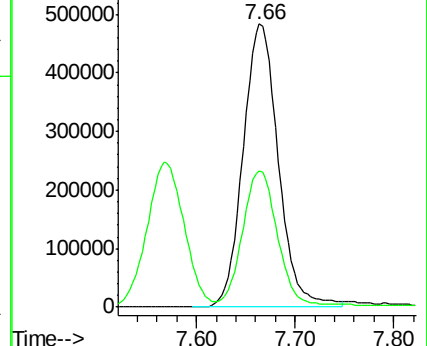
168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 50.827 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054355.D

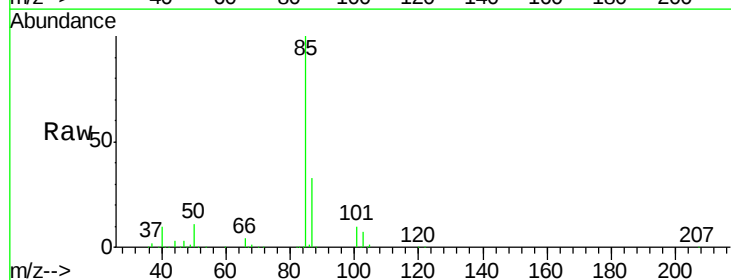
Acq: 17 Mar 2019 00:03

Tgt Ion: 85 Resp: 576618

Ion Ratio Lower Upper

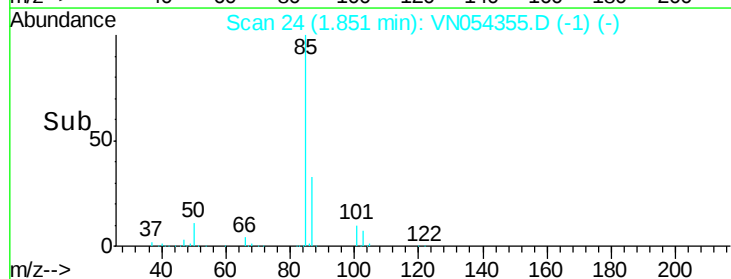
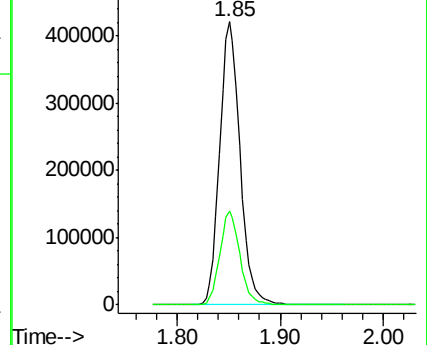
85 100

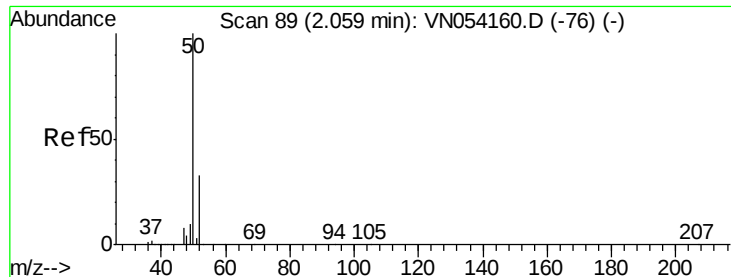
87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 51.123 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

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ClientSampleId :

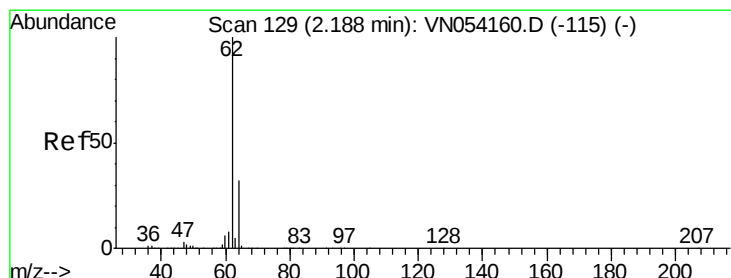
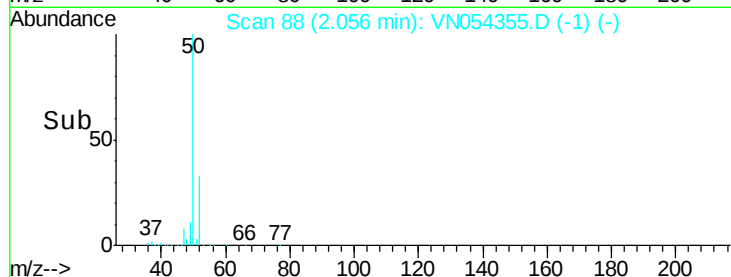
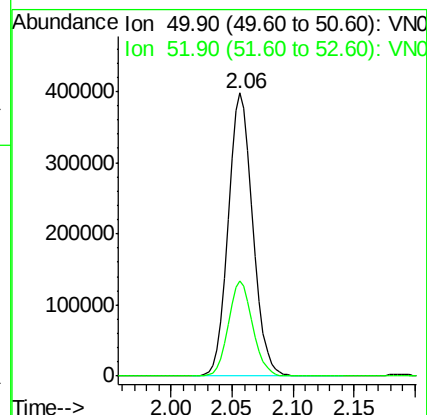
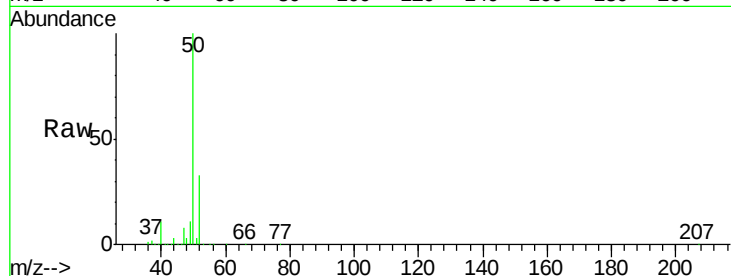
VSTDCCC050

Tot Ion: 50 Resp: 563362

Ion Ratio Lower Upper

50 100

52 33.5 26.4 39.6



#4

Vinyl Chloride

Concen: 49.400 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN054355.D

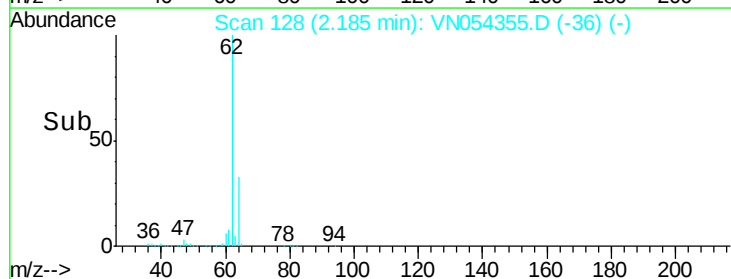
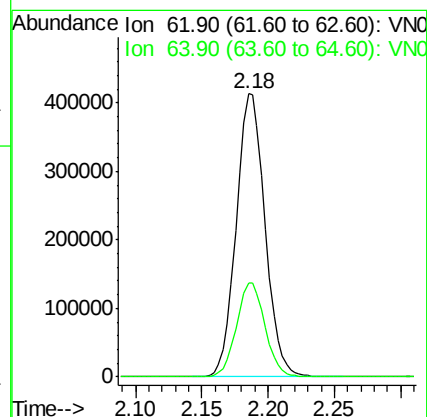
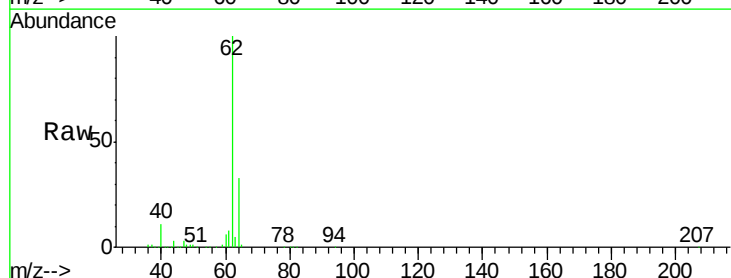
Acq: 17 Mar 2019 00:03

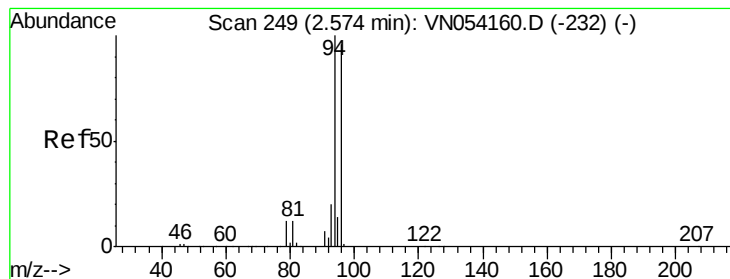
Tgt Ion: 62 Resp: 622206

Ion Ratio Lower Upper

62 100

64 33.3 25.5 38.3





#5

Bromomethane

Concen: 45.779 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.01 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

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ClientSampleId :

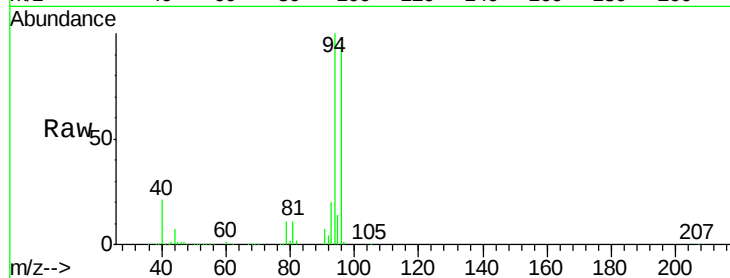
VSTDCCC050

Tot Ion: 94 Resp: 399352

Ion Ratio Lower Upper

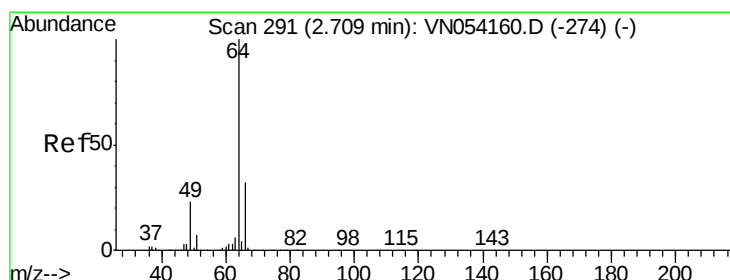
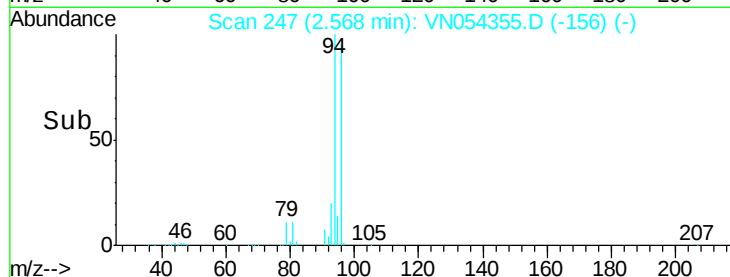
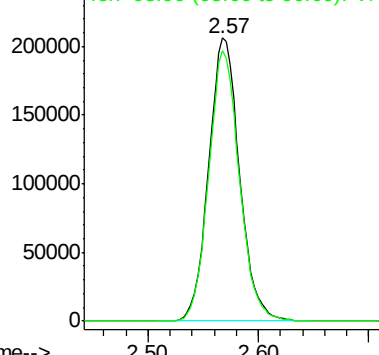
94 100

96 95.4 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.890 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN054355.D

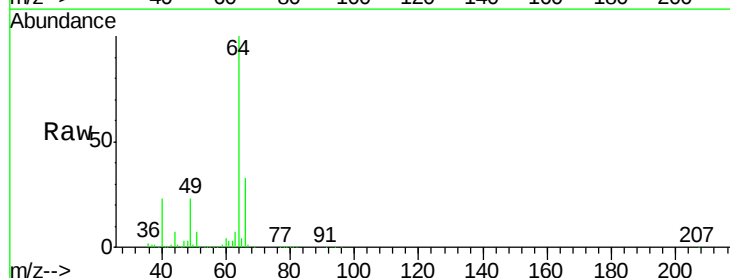
Acq: 17 Mar 2019 00:03

Tgt Ion: 64 Resp: 380202

Ion Ratio Lower Upper

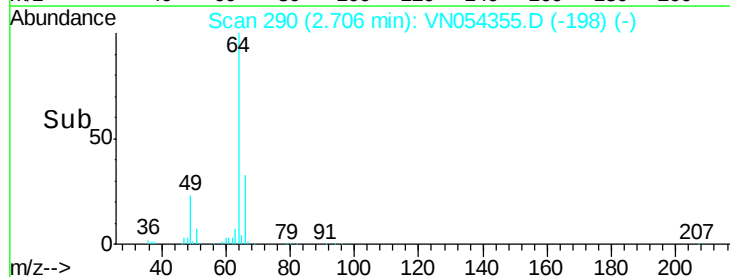
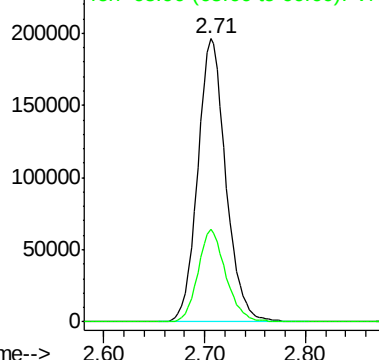
64 100

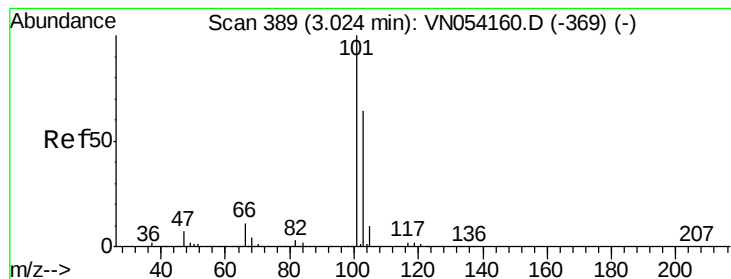
66 32.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



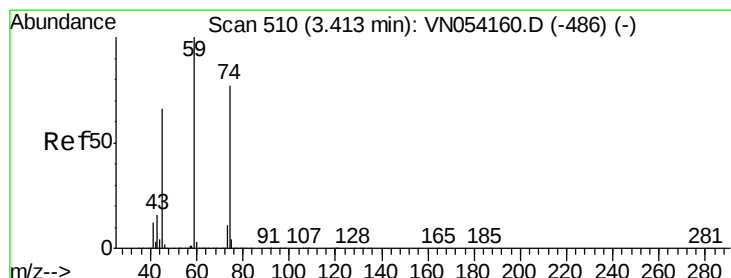
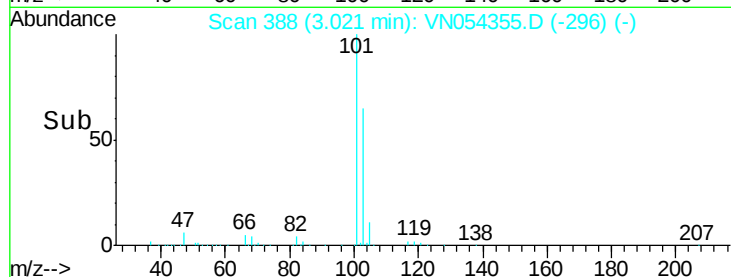
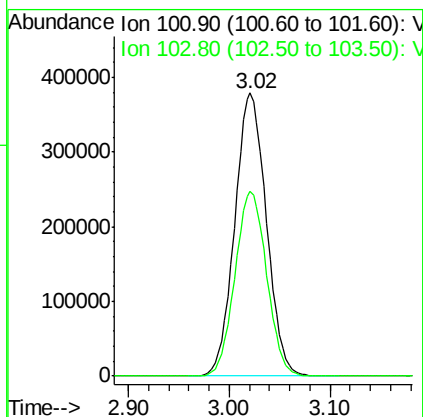
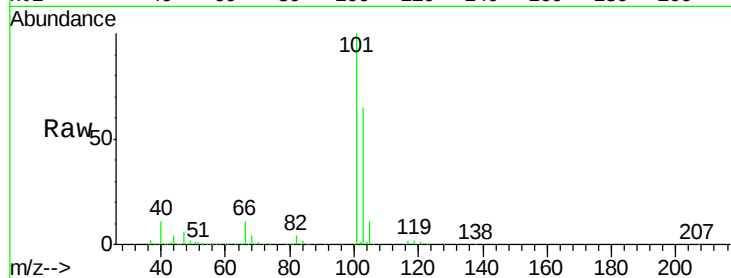


#7

Trichlorofluoromethane
 Concen: 49.098 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

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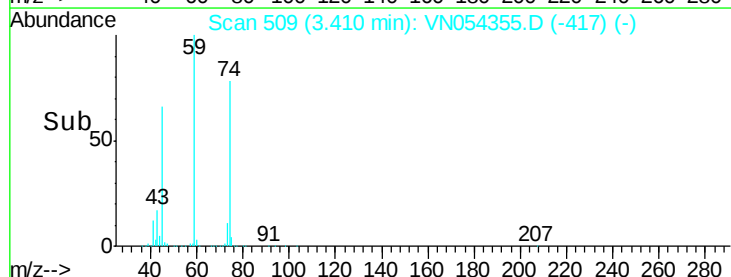
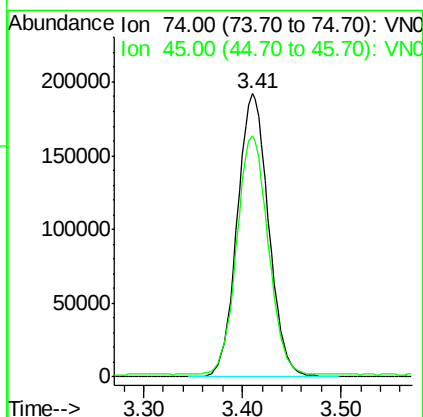
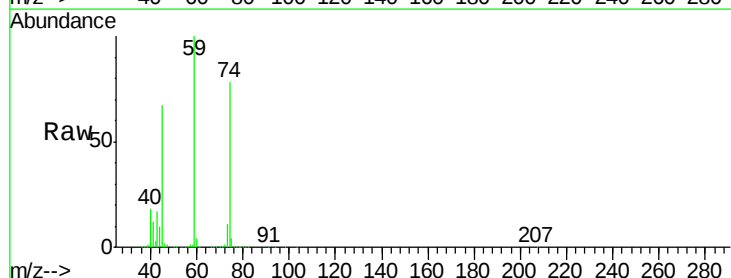
Tot Ion:101 Resp: 822193
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2

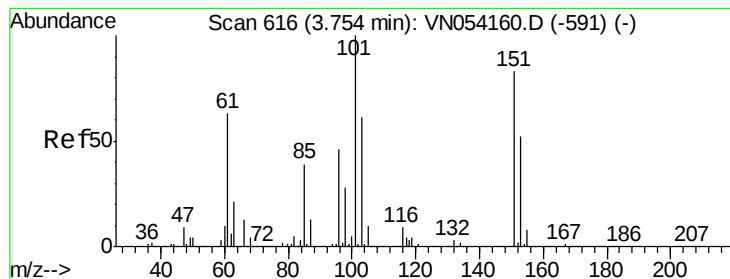


#8

Diethyl Ether
 Concen: 55.405 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Tgt Ion: 74 Resp: 422800
 Ion Ratio Lower Upper
 74 100
 45 84.5 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.097 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

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VSTDCCC050

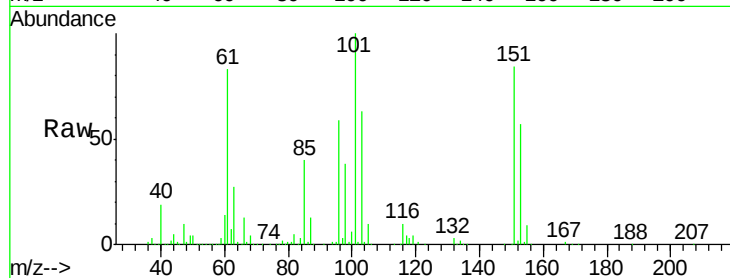
Tot Ion:101 Resp: 653748

Ion Ratio Lower Upper

101 100

85 40.8 32.4 48.6

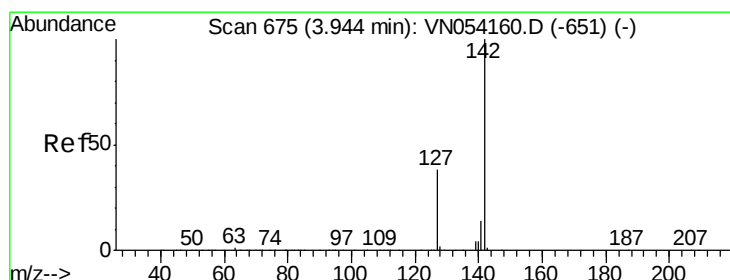
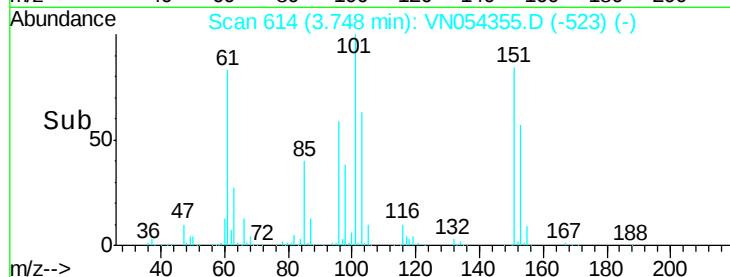
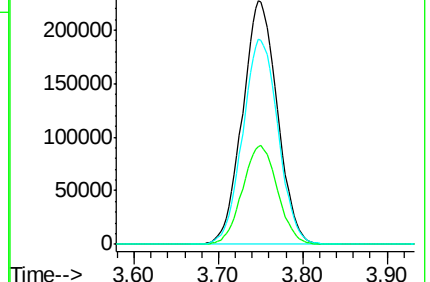
151 85.4 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.535 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

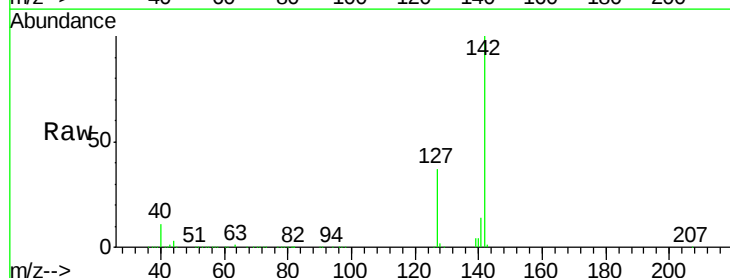
Tgt Ion:142 Resp: 1029481

Ion Ratio Lower Upper

142 100

127 37.4 30.3 45.5

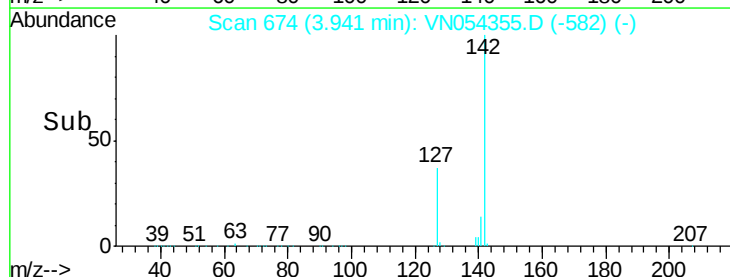
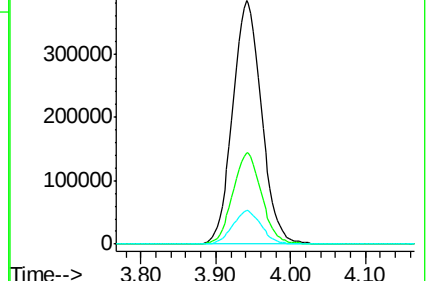
141 13.7 11.2 16.8

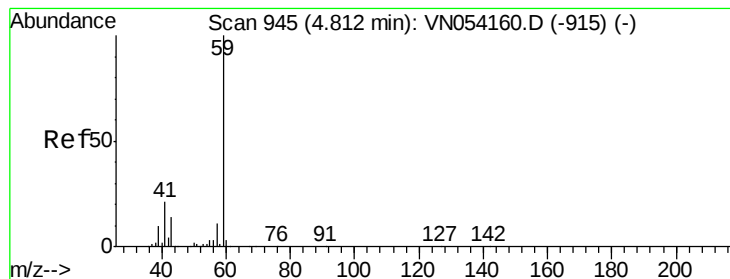


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



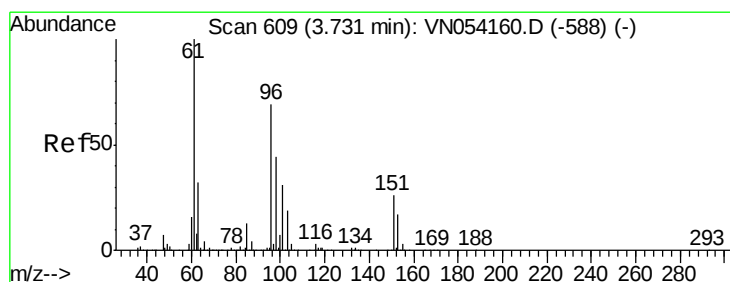
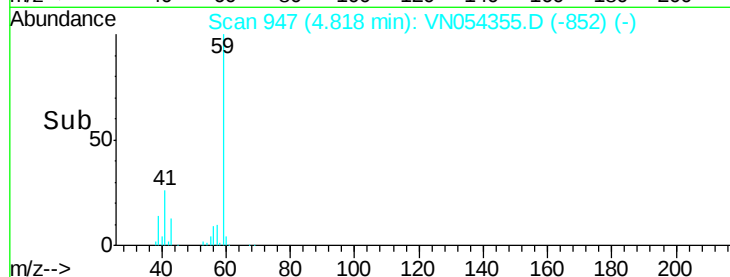
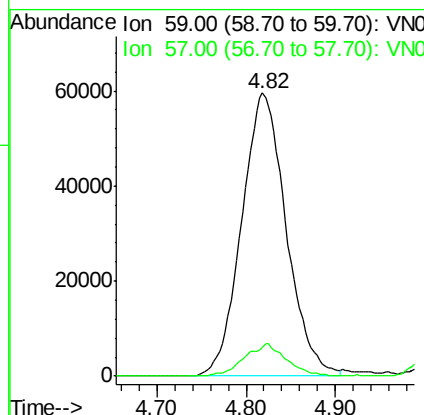
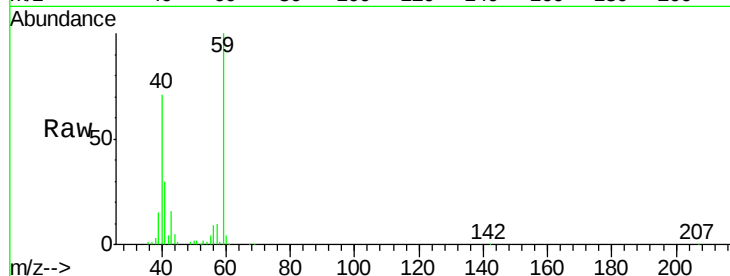


#11

Tert butyl alcohol
 Concen: 237.414 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

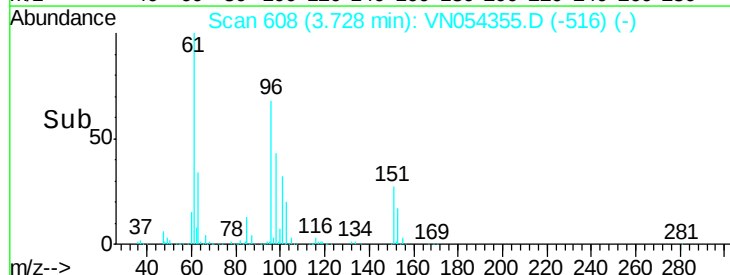
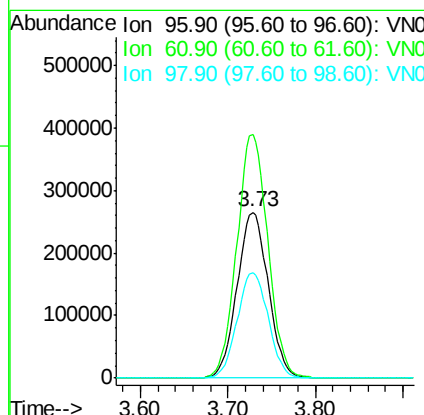
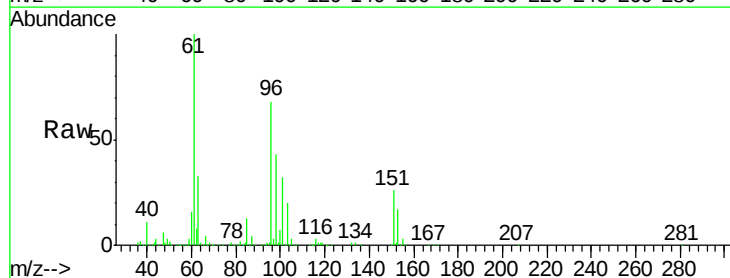
Tot Ion: 59 Resp: 206902
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.0 13.6

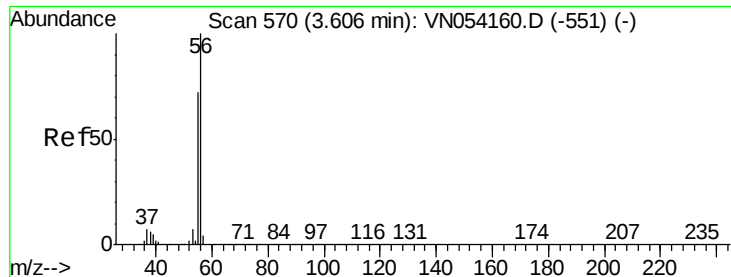


#12

1,1-Dichloroethene
 Concen: 52.734 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Tgt Ion: 96 Resp: 655784
 Ion Ratio Lower Upper
 96 100
 61 146.5 116.5 174.7
 98 63.5 51.0 76.4





#13

Acrolein

Concen: 208.687 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

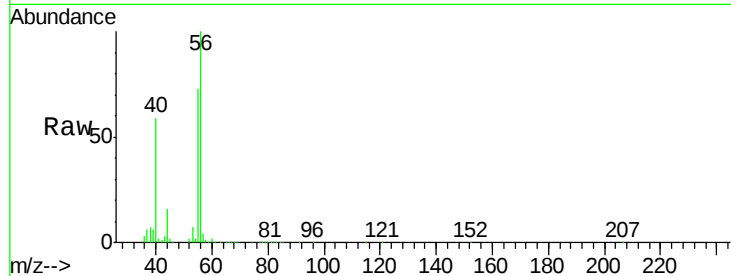
VSTDCCC050

Tot Ion: 56 Resp: 172335

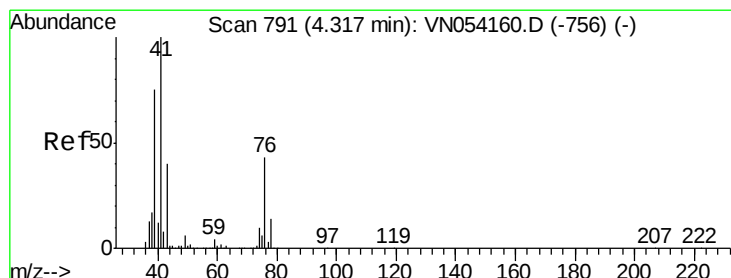
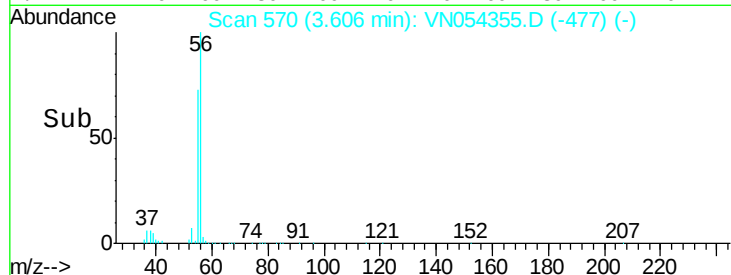
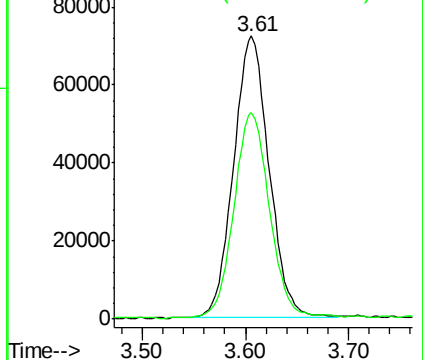
Ion Ratio Lower Upper

56 100

55 72.7 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN054355.D (-477) (-)



#14

Allyl chloride

Concen: 50.354 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

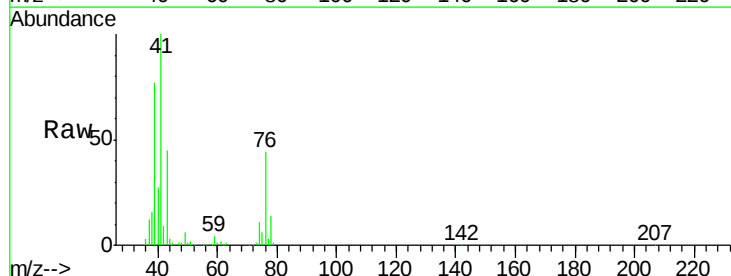
Tgt Ion: 41 Resp: 803408

Ion Ratio Lower Upper

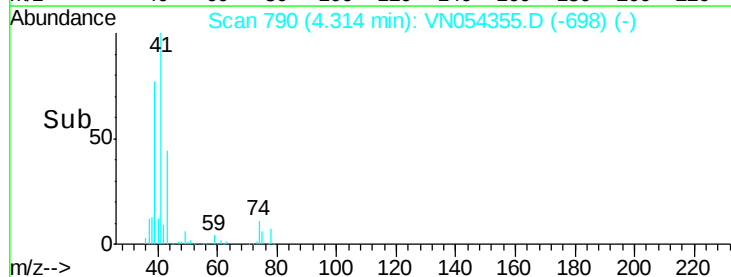
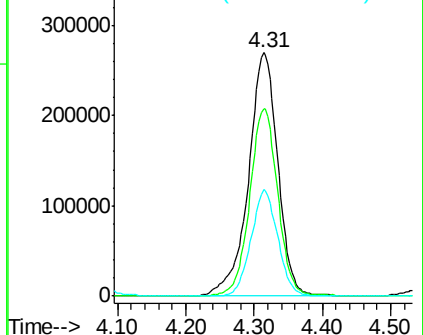
41 100

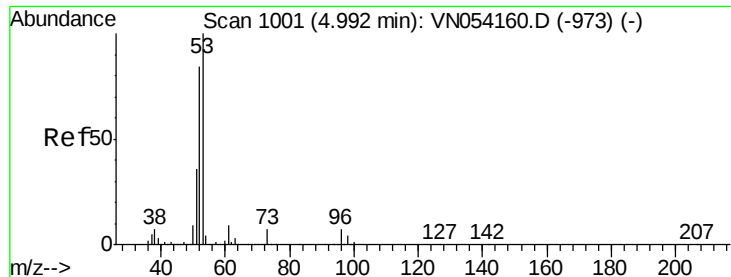
39 73.2 58.2 87.4

76 39.5 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VN054355.D (-698) (-)





#15

Acrylonitrile

Concen: 288.799 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

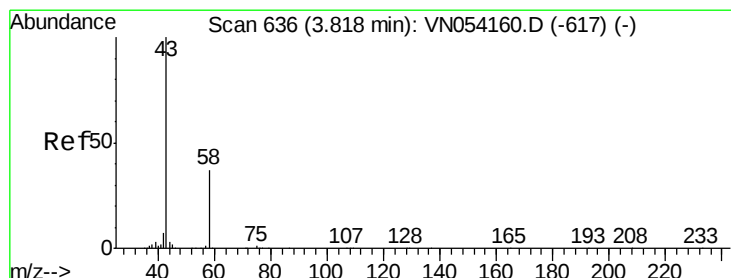
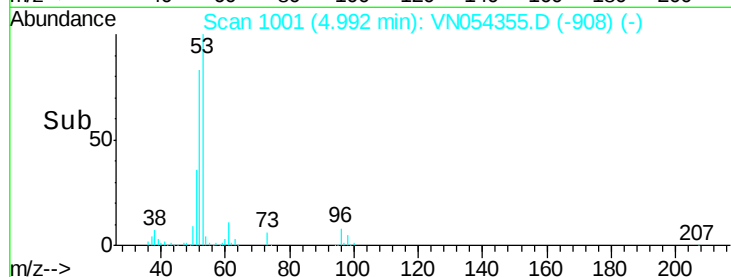
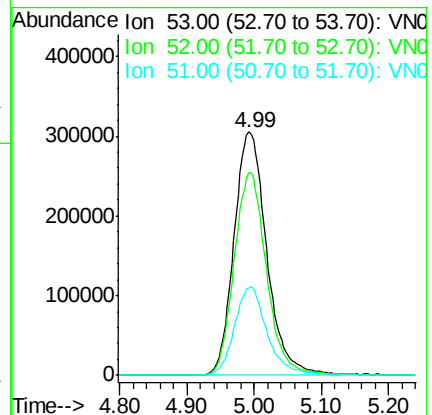
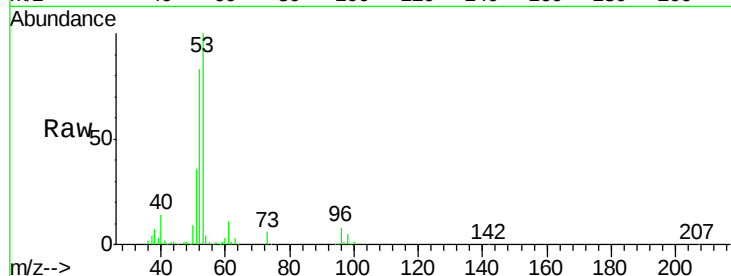
Tot Ion: 53 Resp: 1033838

Ion Ratio Lower Upper

53 100

52 81.9 66.4 99.6

51 36.3 29.6 44.4



#16

Acetone

Concen: 205.909 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN054355.D

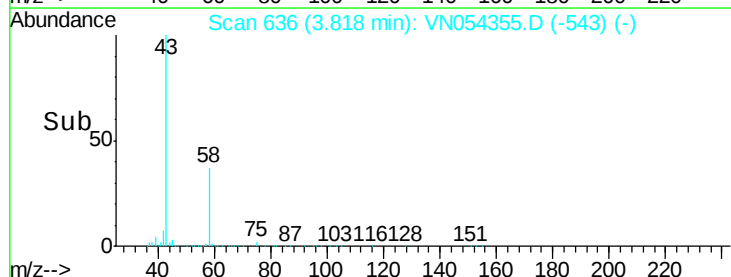
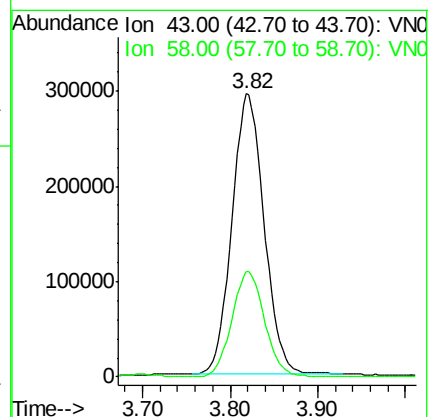
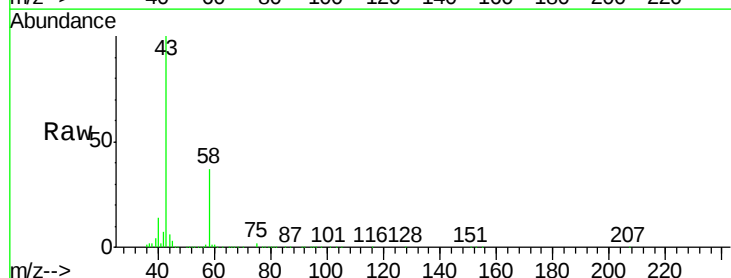
Acq: 17 Mar 2019 00:03

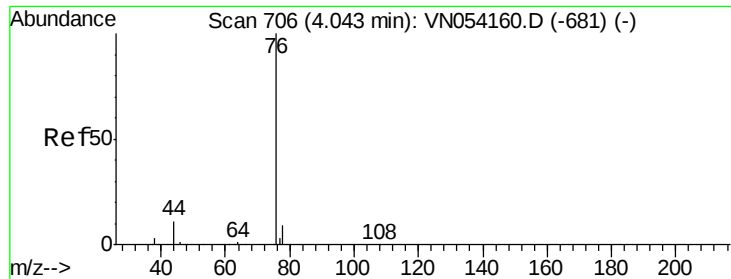
Tgt Ion: 43 Resp: 749470

Ion Ratio Lower Upper

43 100

58 37.3 29.9 44.9

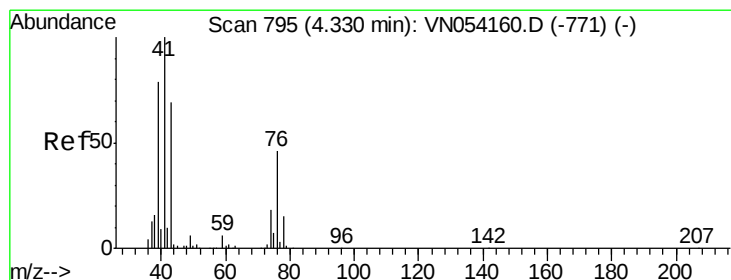
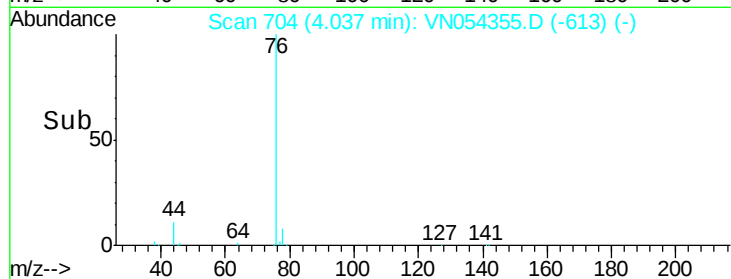
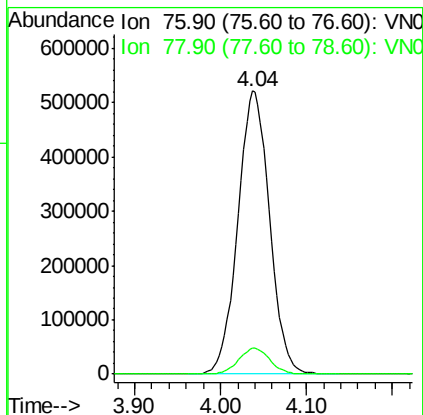
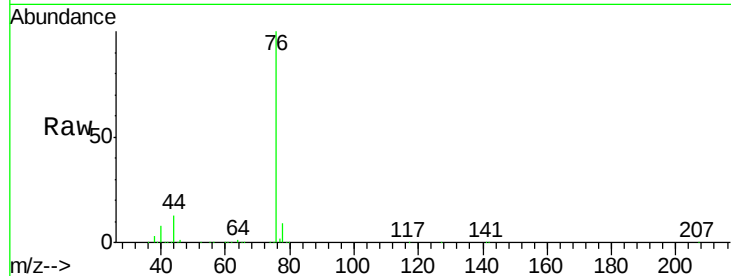




#17
Carbon Disulfide
Concen: 42.809 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.01 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

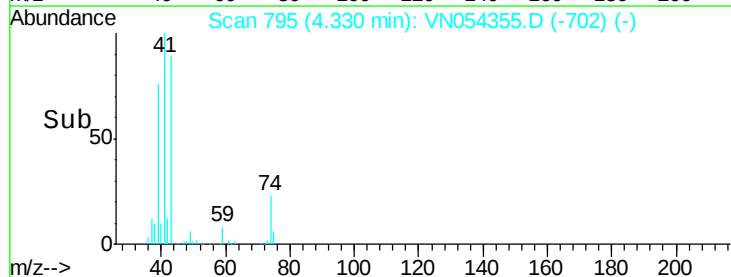
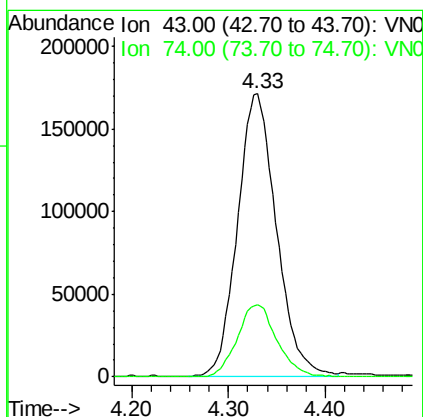
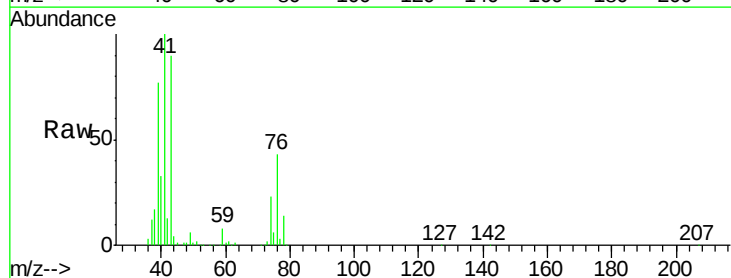
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

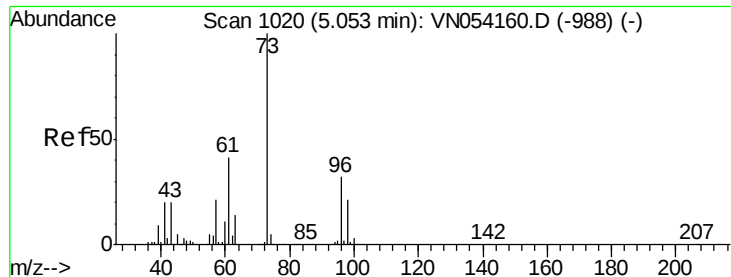
Tot Ion: 76 Resp: 1334528
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 64.587 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 43 Resp: 475617
Ion Ratio Lower Upper
43 100
74 26.3 20.8 31.2

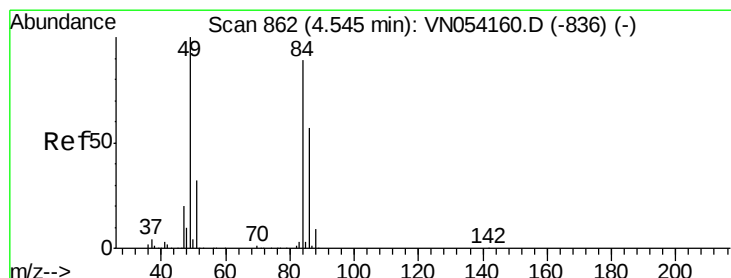
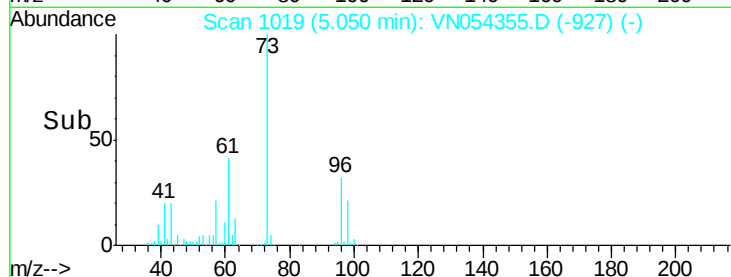
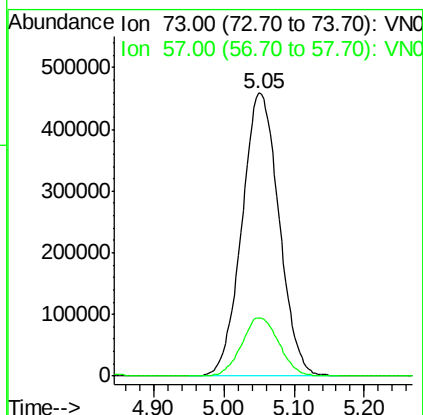
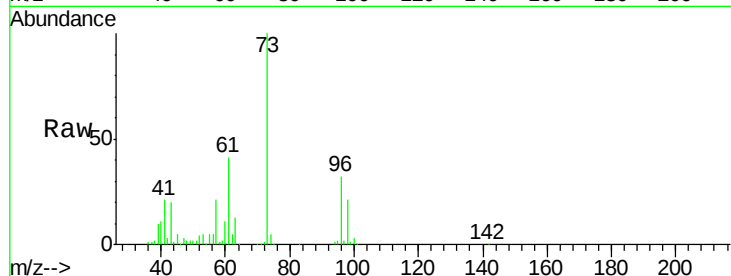




#19
Methyl tert-butyl Ether
Concen: 54.624 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

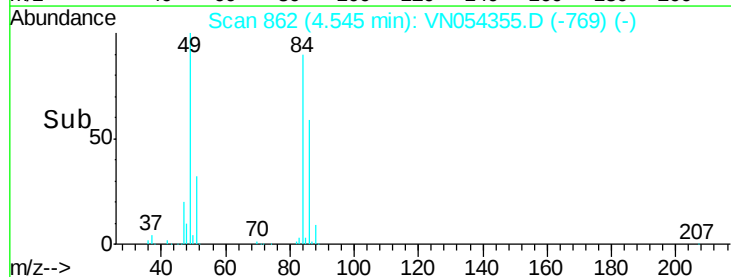
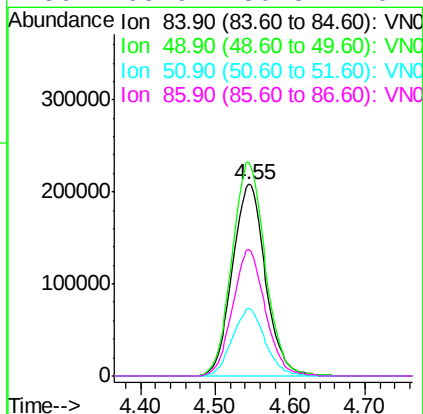
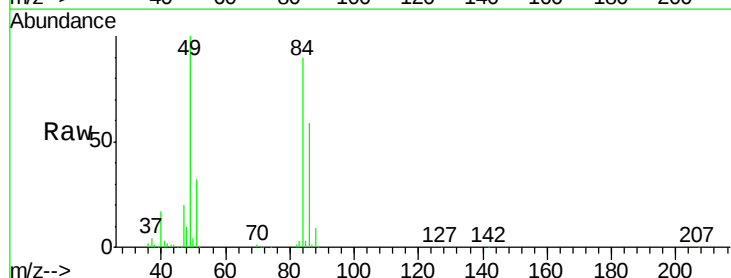
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1683734
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#20
Methylene Chloride
Concen: 53.607 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 84 Resp: 640689
Ion Ratio Lower Upper
84 100
49 111.3 89.7 134.5
51 35.4 28.2 42.4
86 65.9 50.8 76.2

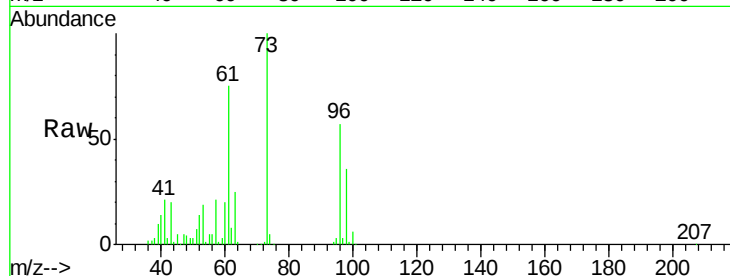




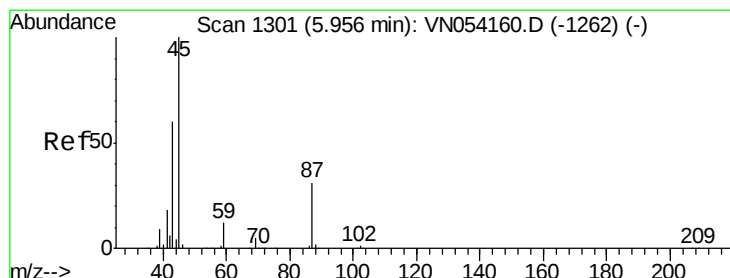
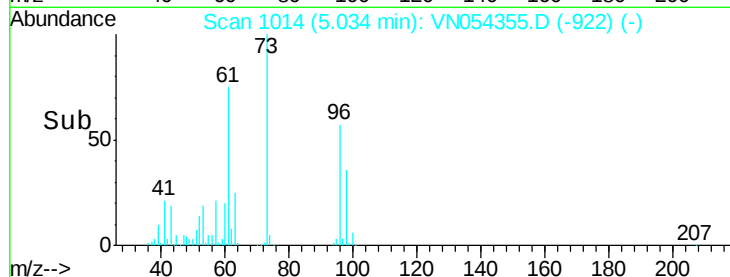
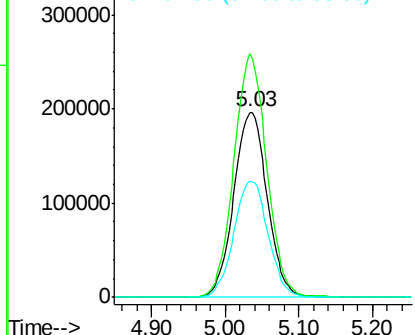
#21
trans-1,2-Dichloroethene
Concen: 52.226 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 622267
Ion Ratio Lower Upper
96 100
61 131.4 102.8 154.2
98 62.6 50.0 75.0

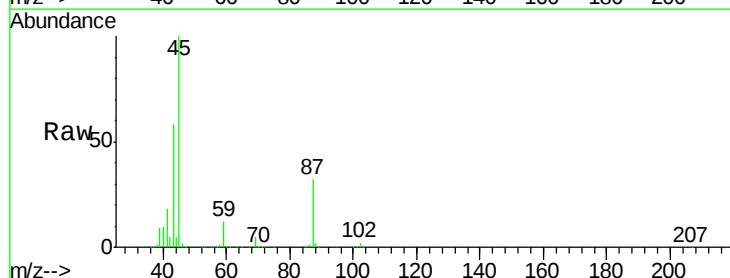


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

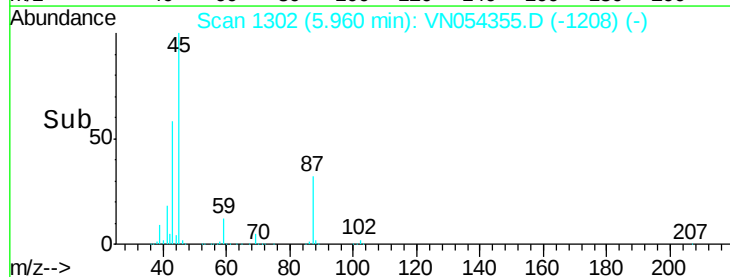
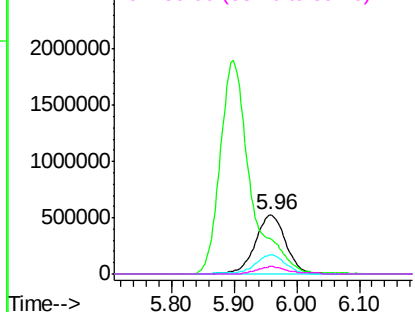


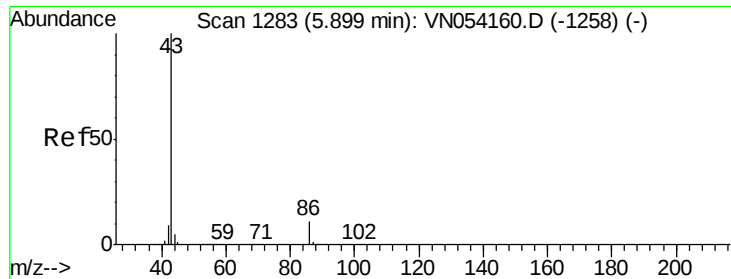
#22
Diisopropyl ether
Concen: 56.178 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 45 Resp: 1788932
Ion Ratio Lower Upper
45 100
43 57.6 48.2 72.2
87 31.9 24.9 37.3
59 11.9 9.5 14.3



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

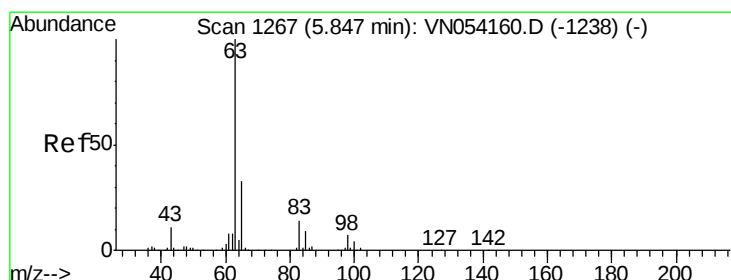
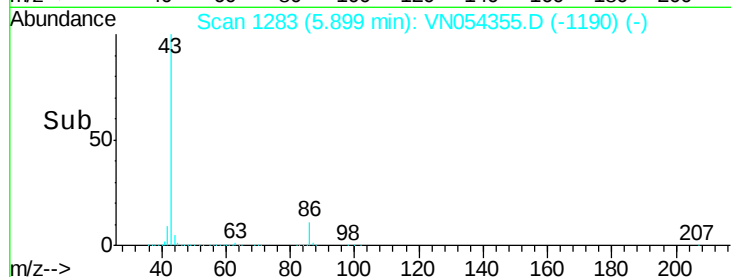
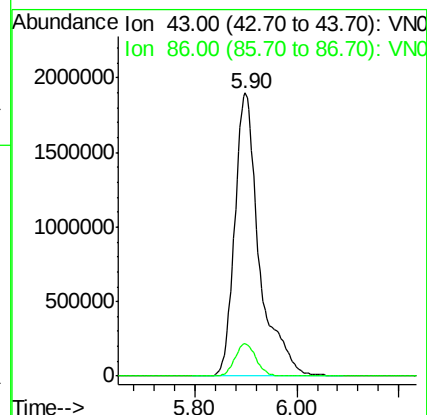
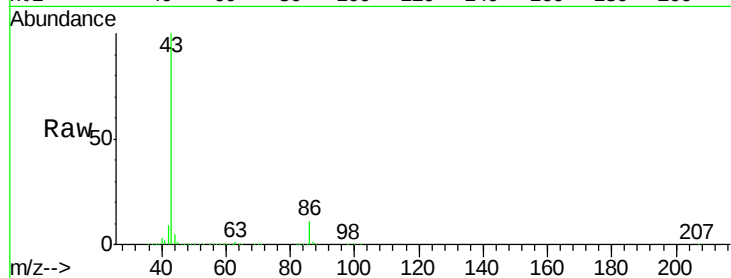




#23
 Vinyl Acetate
 Concen: 270.777 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

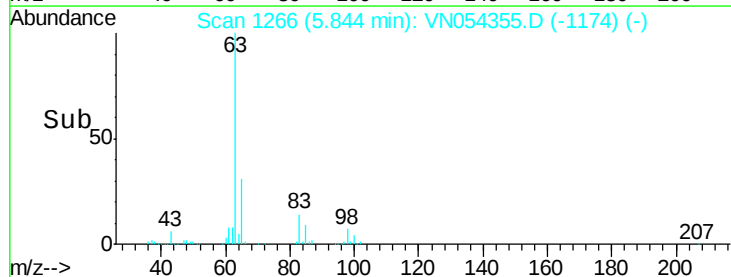
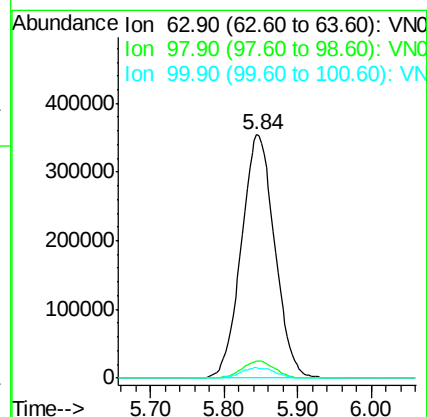
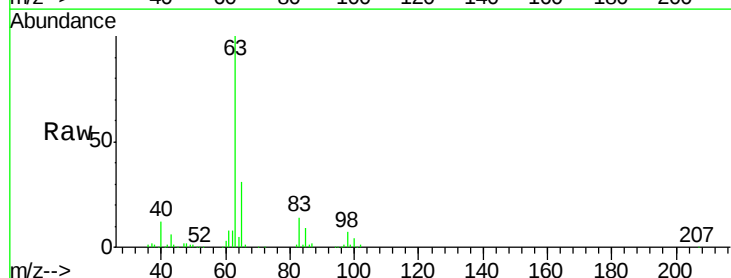
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

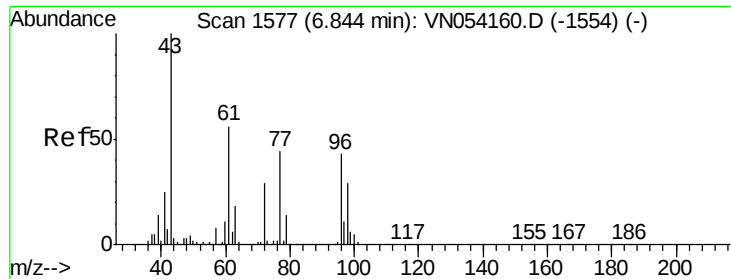
Tot Ion: 43 Resp: 6357516
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 54.563 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Tgt Ion: 63 Resp: 1115625
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.0 6.0

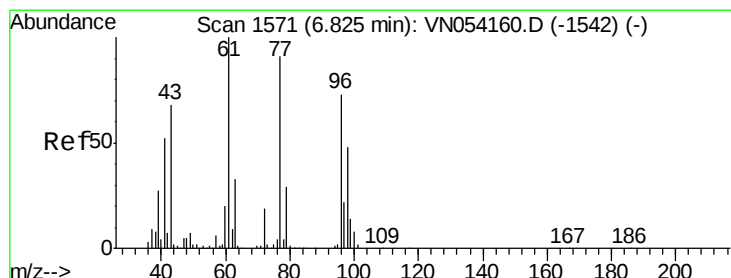
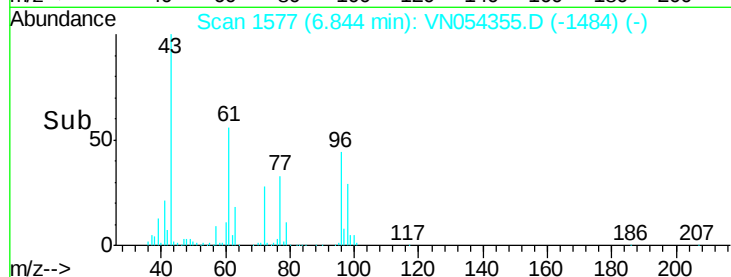
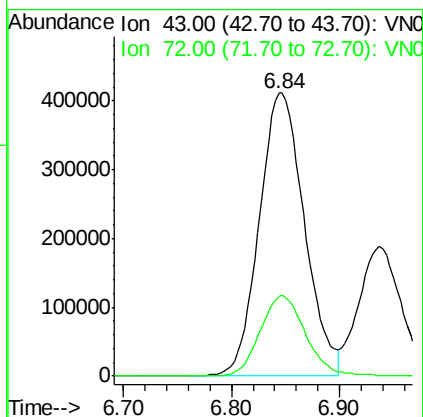
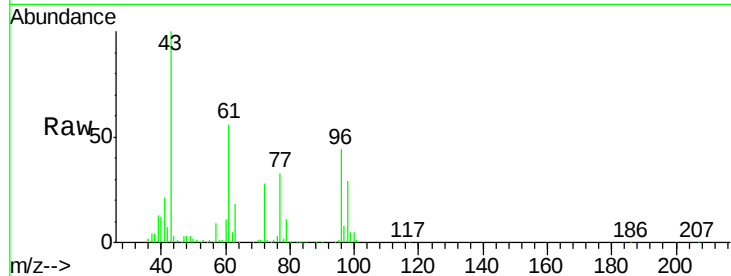




#25
2-Butanone
Concen: 278.360 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

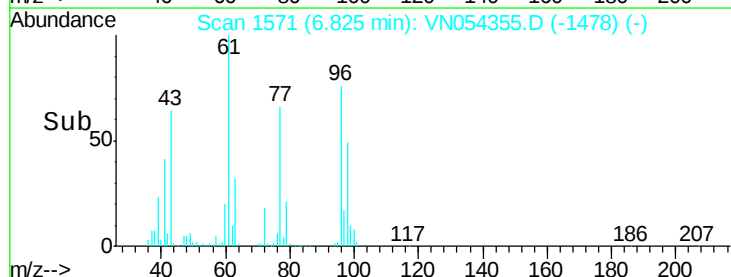
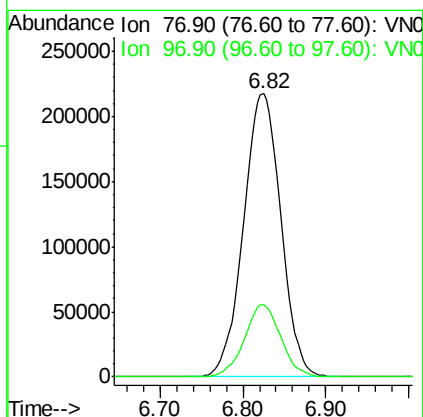
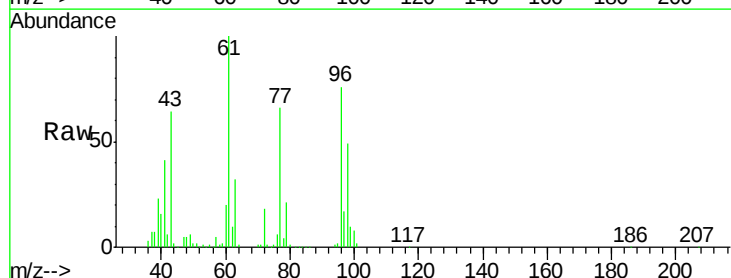
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

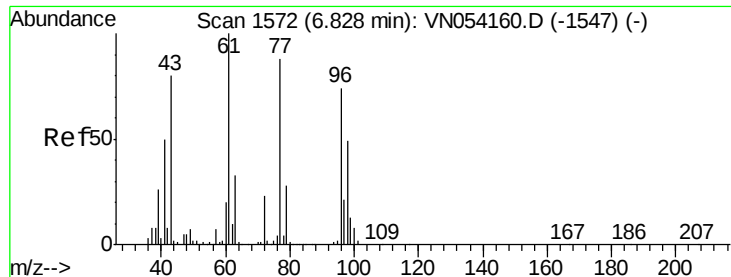
Tot Ion: 43 Resp: 1189160
Ion Ratio Lower Upper
43 100
72 28.4 23.0 34.6



#26
2,2-Dichloropropane
Concen: 37.892 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 77 Resp: 681323
Ion Ratio Lower Upper
77 100
97 24.9 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 55.230 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

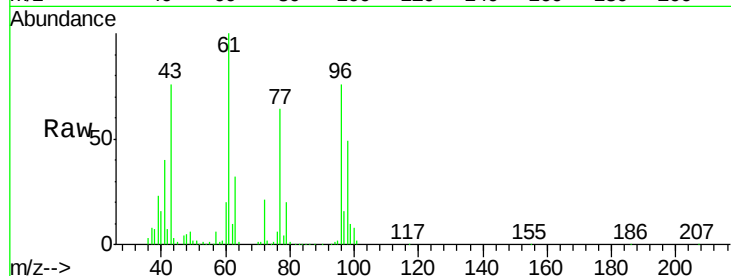
Tot Ion: 96 Resp: 734139

Ion Ratio Lower Upper

96 100

61 131.9 0.0 273.0

98 64.9 0.0 130.6



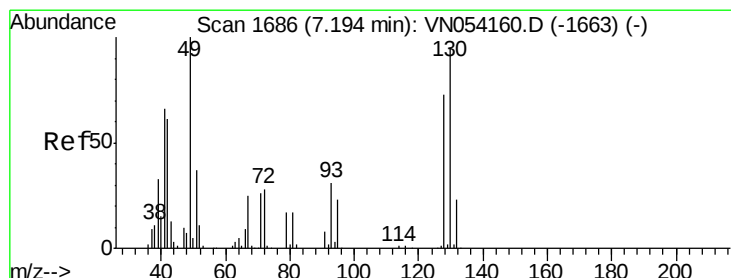
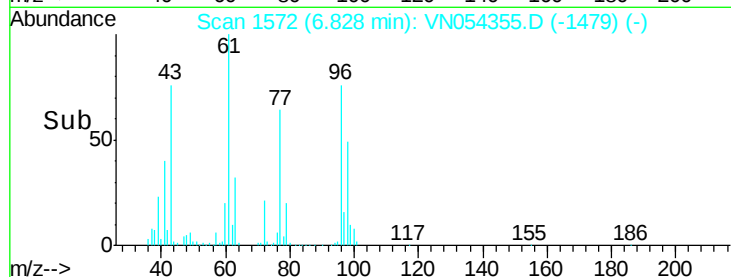
Abundance Ion 95.90 (95.60 to 96.60): VN054160.D (-1547) (-)

Ion 60.90 (60.60 to 61.60): VN054160.D (-1547) (-)

Ion 97.90 (97.60 to 98.60): VN054160.D (-1547) (-)

6.83

Time-->



#28

Bromochloromethane

Concen: 53.327 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

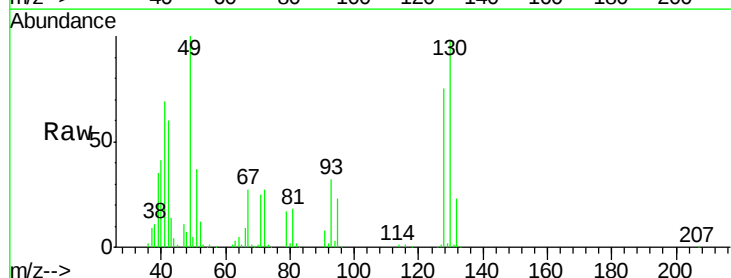
Tgt Ion: 49 Resp: 445746

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 97.3 76.7 115.1



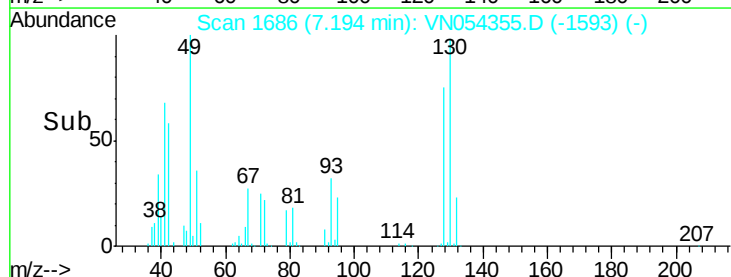
Abundance Ion 48.90 (48.60 to 49.60): VN054160.D (-1663) (-)

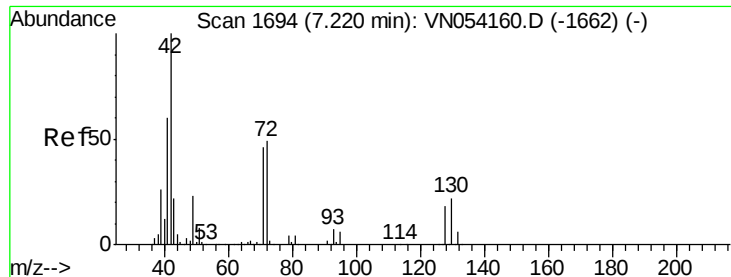
Ion 128.80 (128.50 to 129.50): VN054160.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN054160.D (-1663) (-)

7.19

Time-->

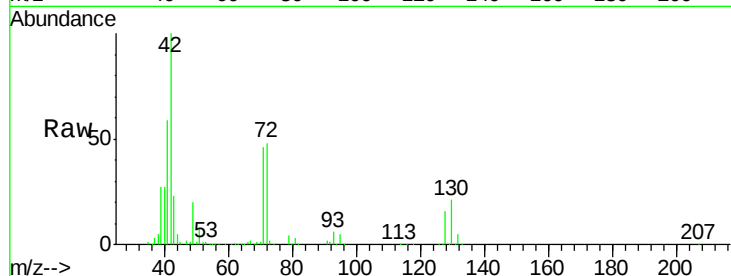




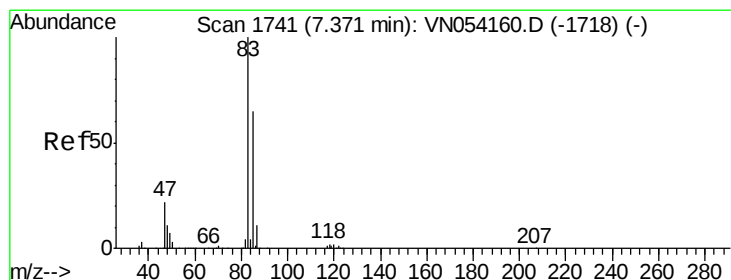
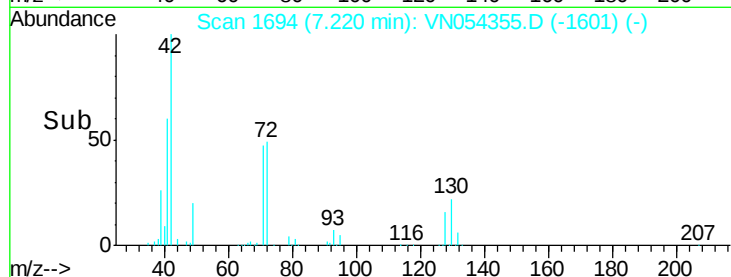
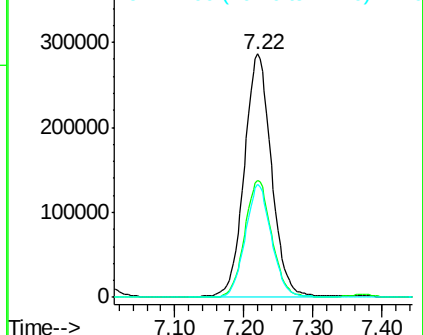
#29
Tetrahydrofuran
Concen: 283.796 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 779519
Ion Ratio Lower Upper
42 100
72 47.7 37.8 56.6
71 44.8 36.2 54.2

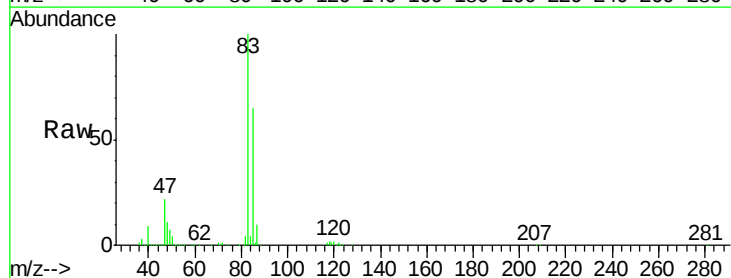


Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

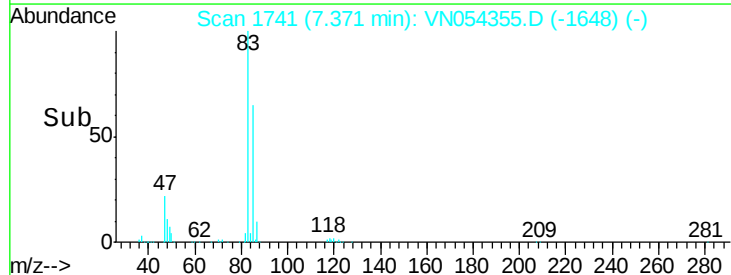
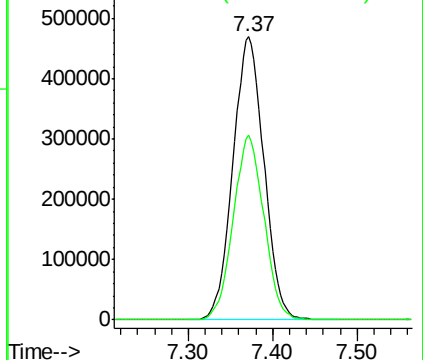


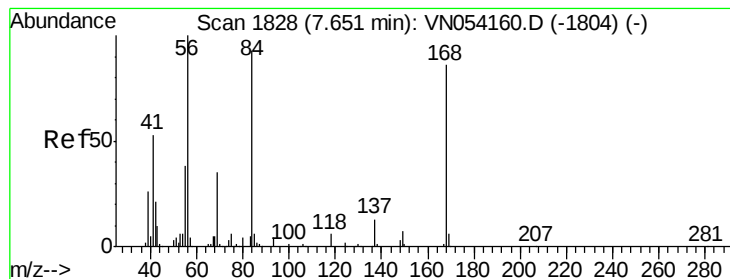
#30
Chloroform
Concen: 56.422 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 83 Resp: 1203812
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4



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





#31

Cyclohexane

Concen: 49.856 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

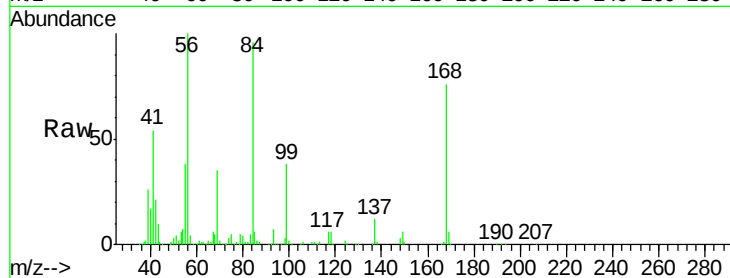
Tot Ion: 56 Resp: 953108

Ion Ratio Lower Upper

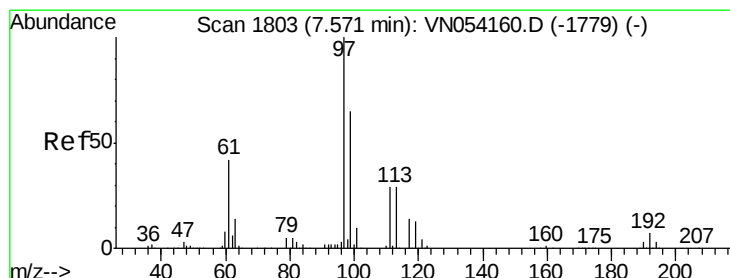
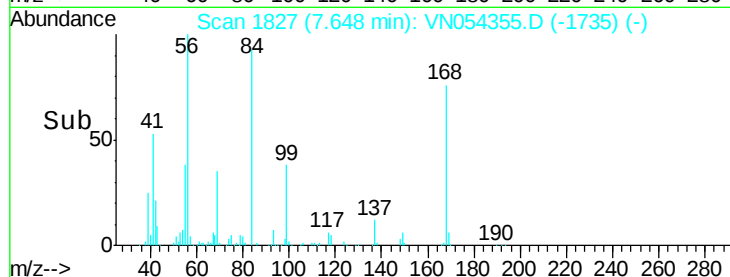
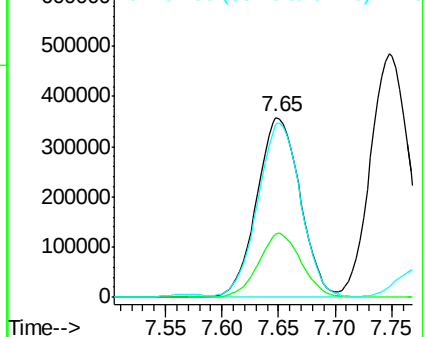
56 100

69 35.3 27.8 41.6

84 94.2 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 52.742 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

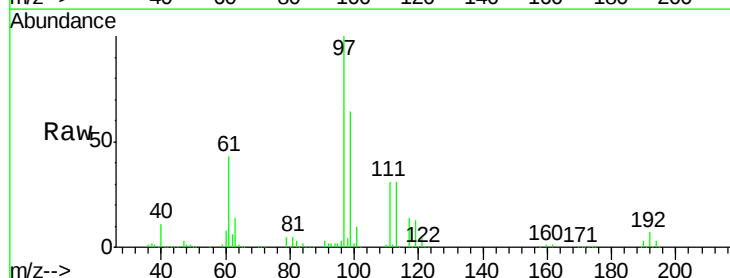
Tgt Ion: 97 Resp: 1016279

Ion Ratio Lower Upper

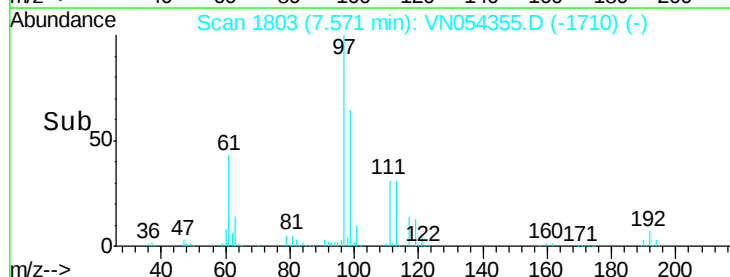
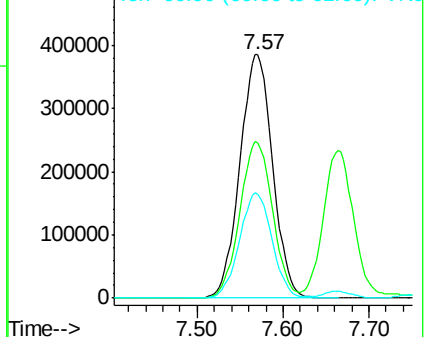
97 100

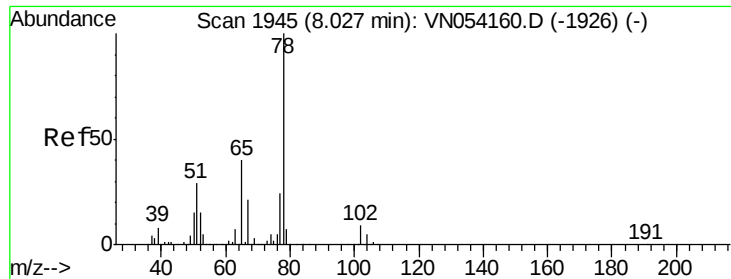
99 64.5 51.5 77.3

61 43.0 33.6 50.4



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 52.161 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

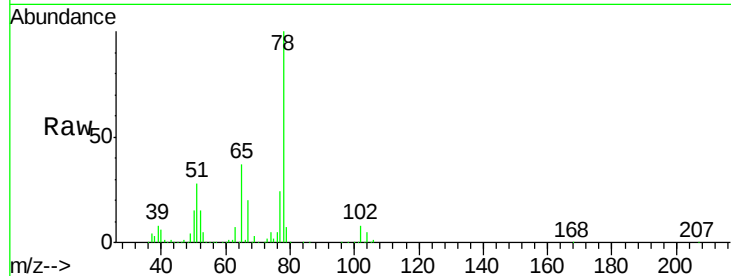
VSTDCCC050

Tot Ion: 65 Resp: 663087

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054355.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054355.D (-1852) (-)

8.03

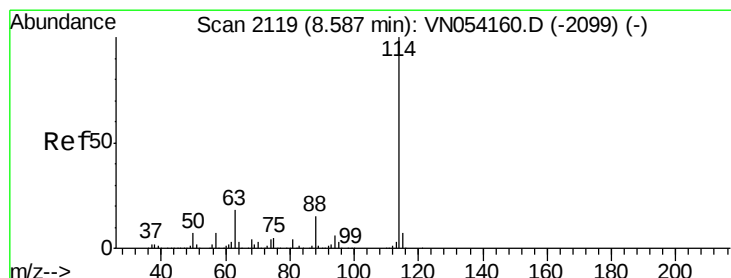
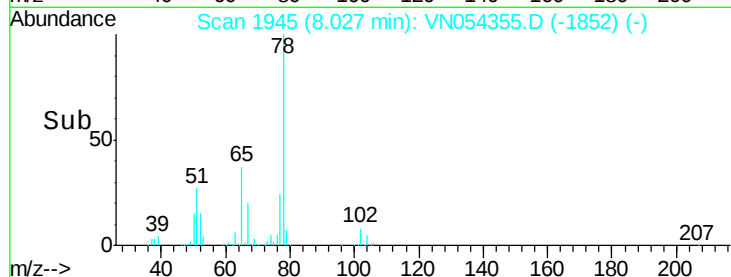
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

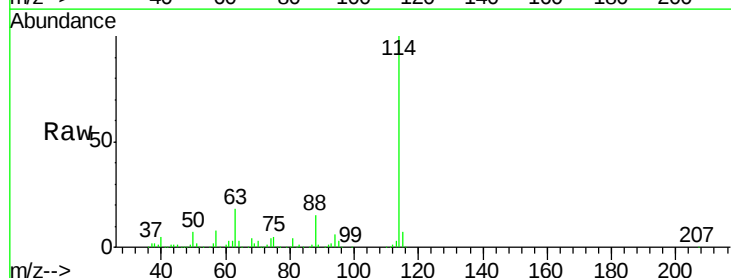
Tgt Ion: 114 Resp: 1856508

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054355.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054355.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054355.D (-2026) (-)

8.59

1000000

800000

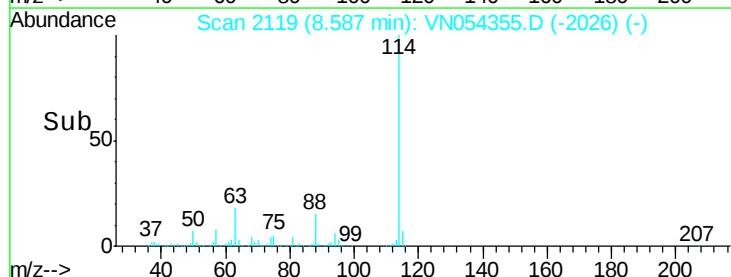
600000

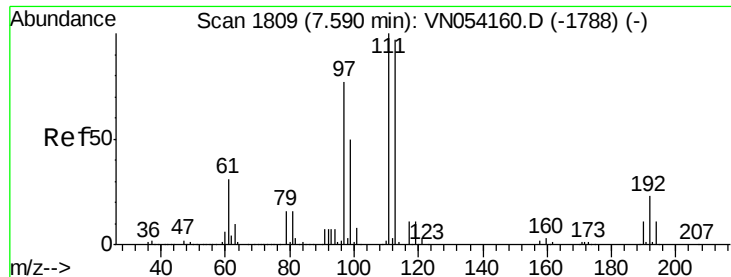
400000

200000

0

Time-->

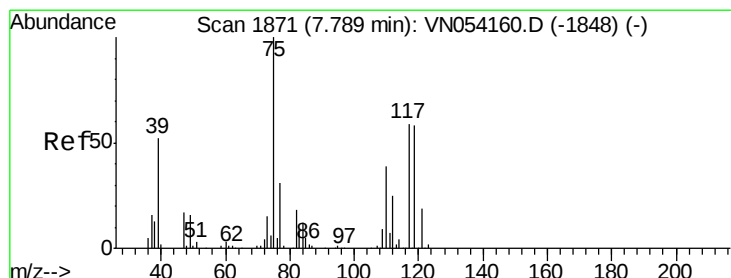
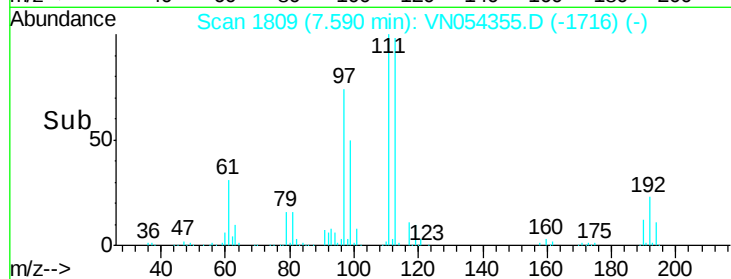
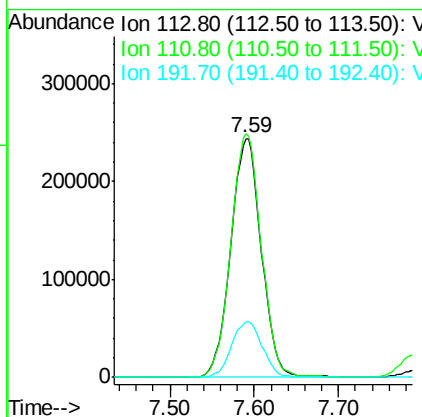
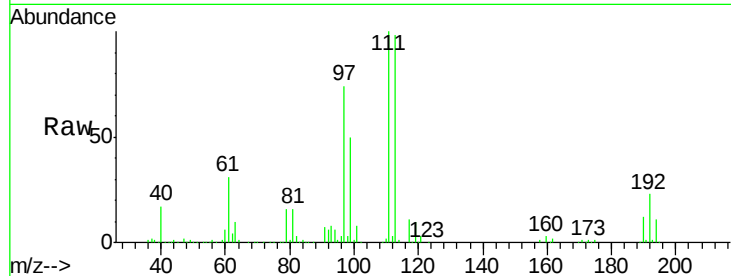




#35
 Dibromofluoromethane
 Concen: 51.417 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

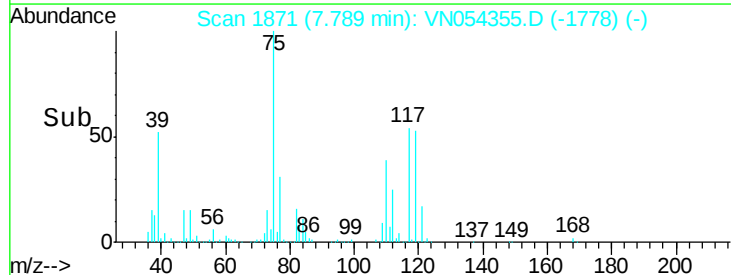
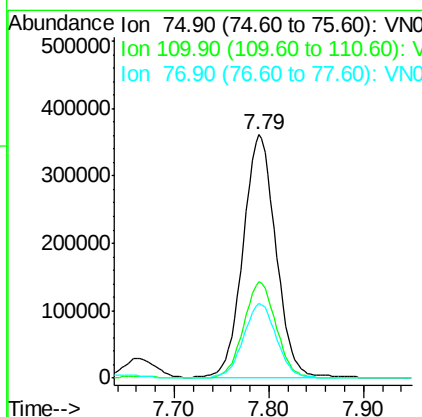
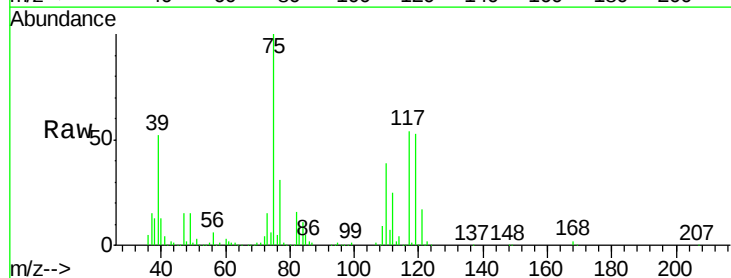
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

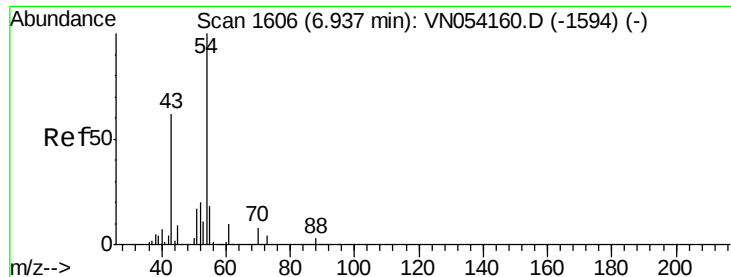
Tot Ion:113 Resp: 615648
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 23.6 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 50.402 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Tgt Ion: 75 Resp: 861720
 Ion Ratio Lower Upper
 75 100
 110 39.4 19.1 57.5
 77 31.1 25.0 37.4

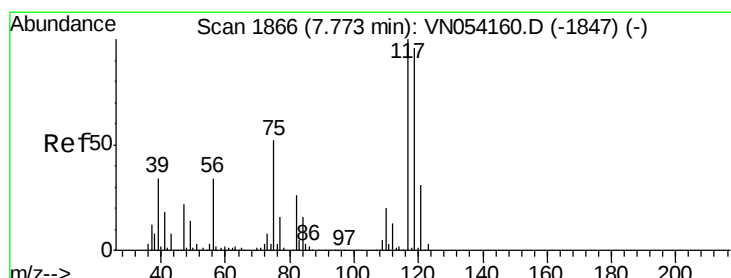
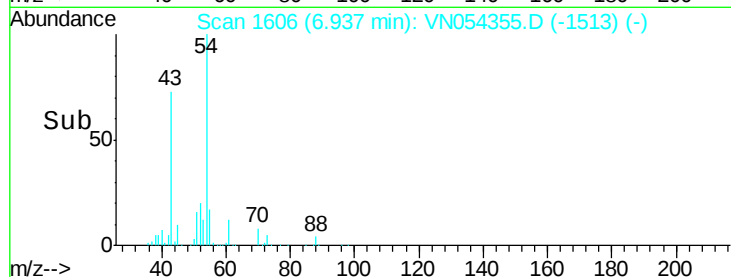
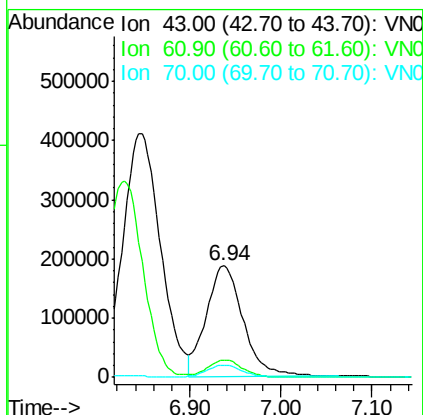
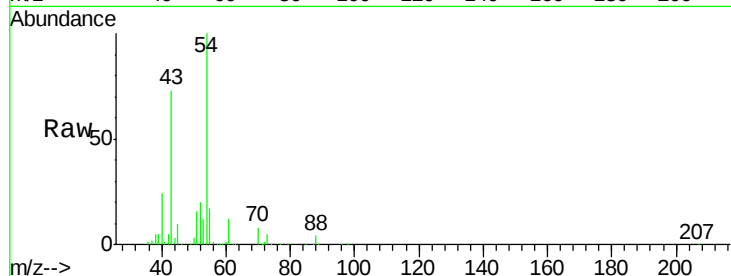




#37
Ethyl Acetate
Concen: 53.630 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

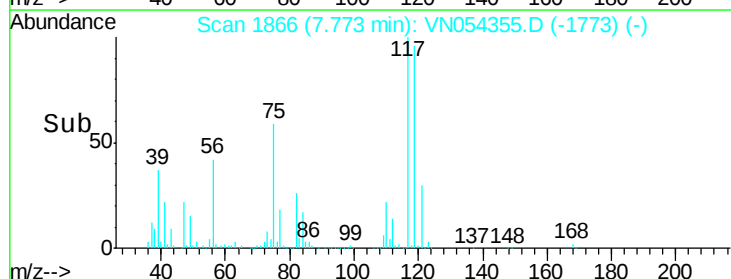
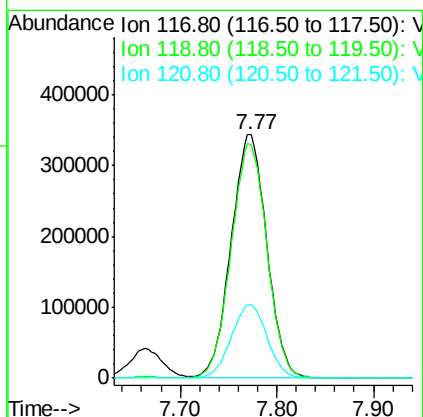
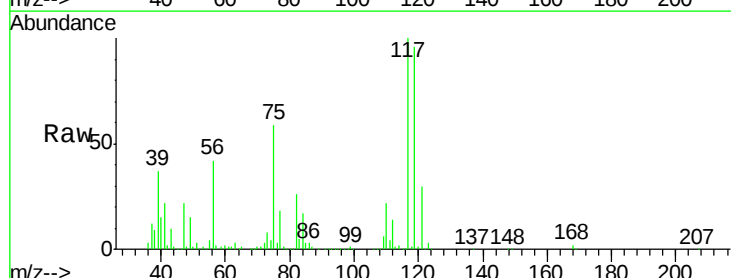
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

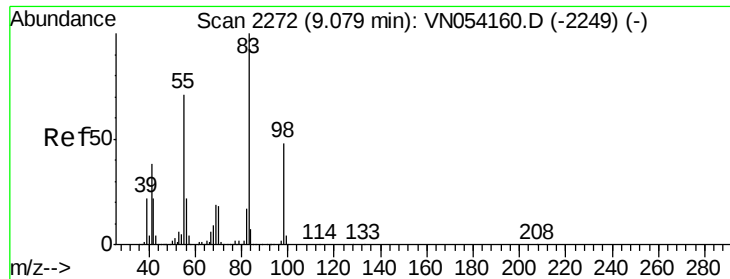
Tot Ion: 43 Resp: 526840
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 10.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.031 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 117 Resp: 879084
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5
121 30.2 24.6 36.8

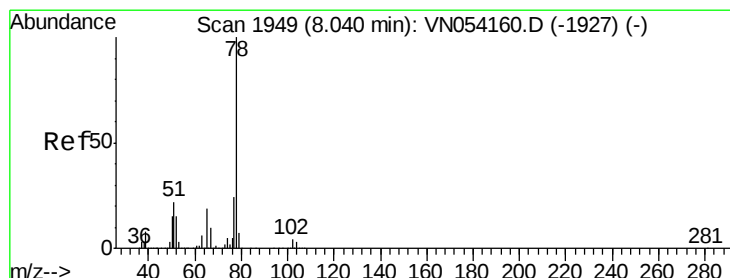
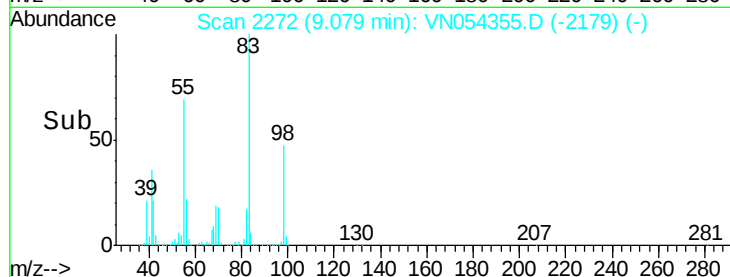
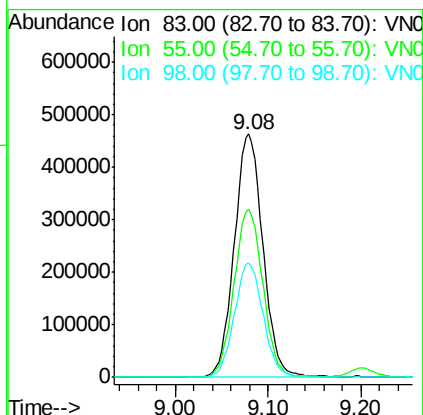
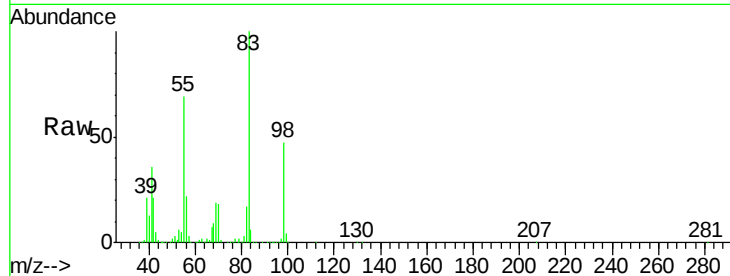




#39
Methvlcvclohexane
Concen: 47.269 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

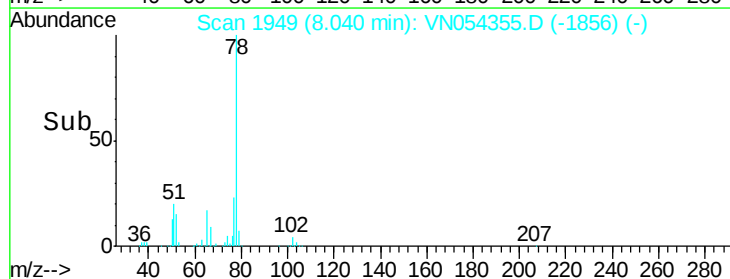
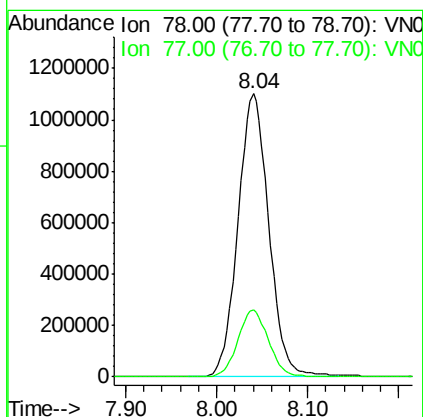
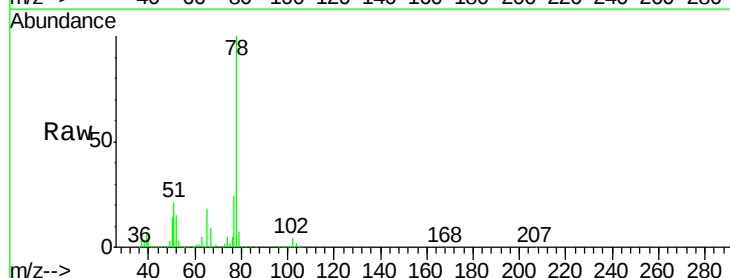
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

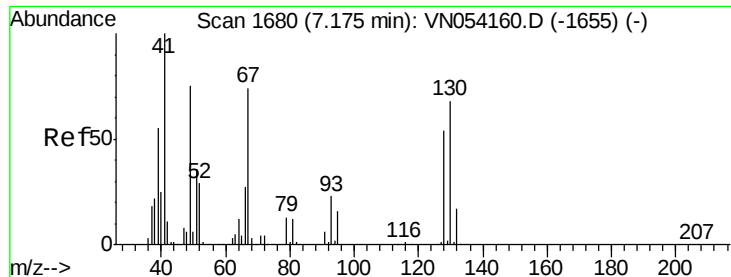
Tot Ion: 83 Resp: 994326
Ion Ratio Lower Upper
83 100
55 69.3 56.6 84.8
98 47.2 38.4 57.6



#40
Benzene
Concen: 53.009 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 78 Resp: 2593454
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

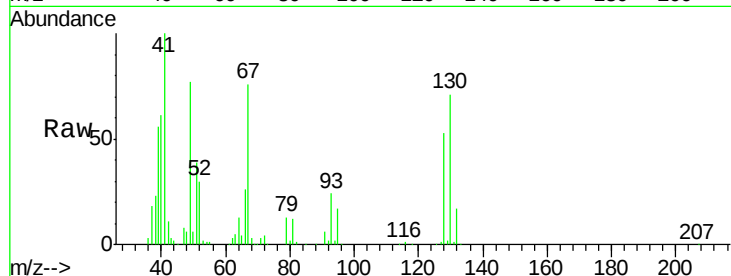




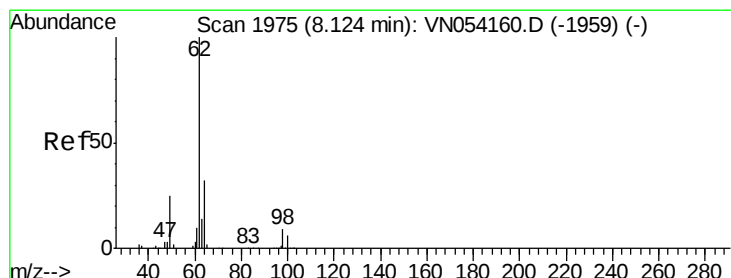
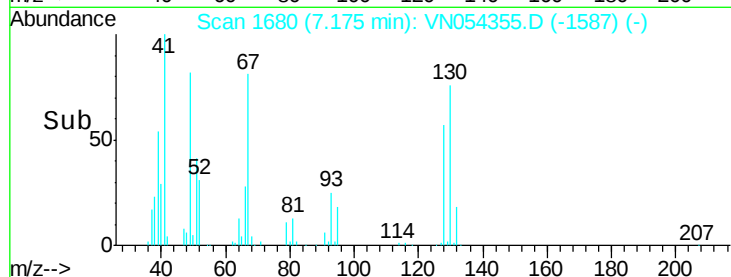
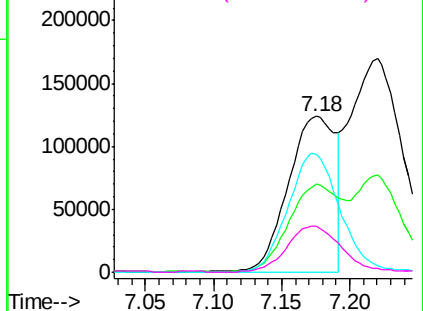
#41
Methacrylonitrile
Concen: 53.050 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	297559
Ion	Ratio	Lower	Upper
41	100		
39	62.5	46.8	70.2
67	85.1	67.0	100.4
52	33.8	26.5	39.7

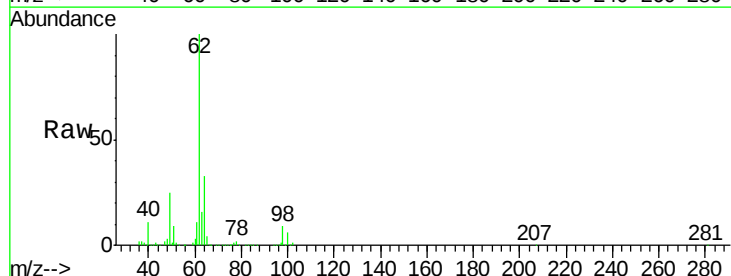


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

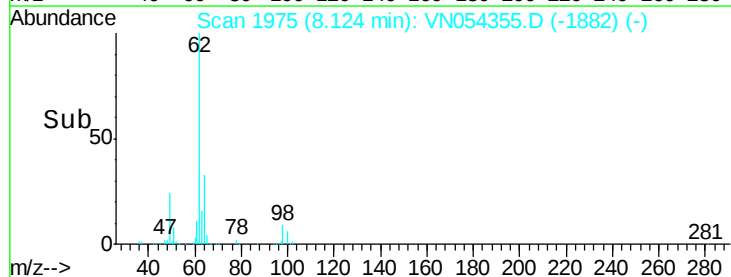
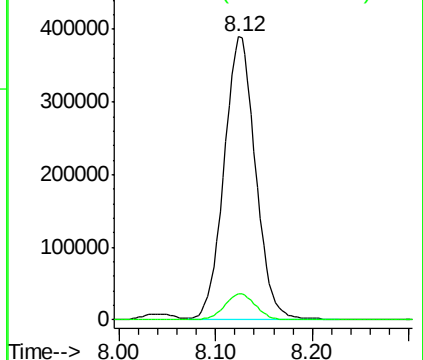


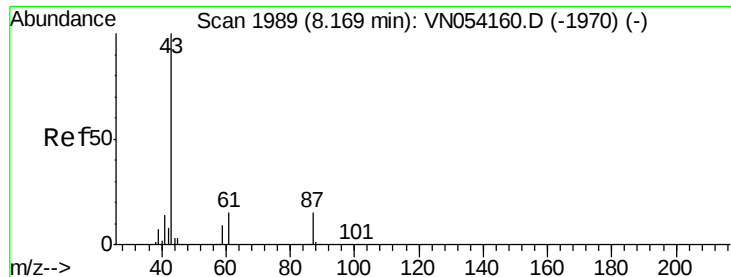
#42
1,2-Dichloroethane
Concen: 53.091 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion:	62	Resp:	876944
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 51.641 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

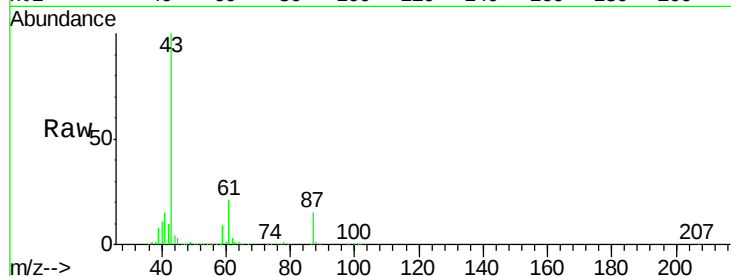
Tot Ion: 43 Resp: 890458

Ion Ratio Lower Upper

43 100

61 20.4 15.8 23.8

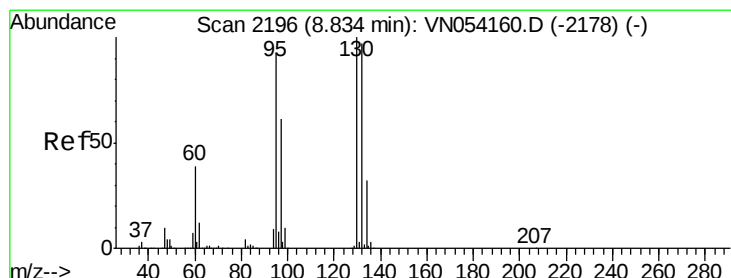
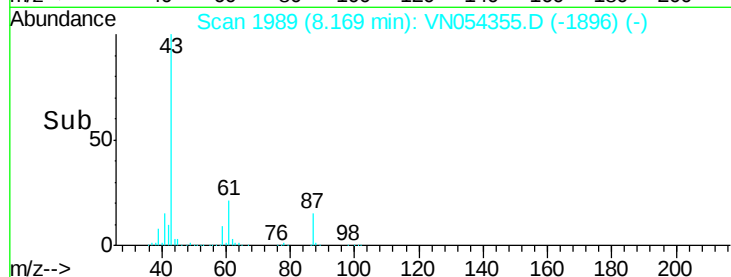
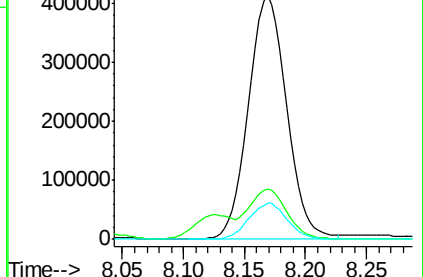
87 15.0 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN054160.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN054160.D (-1970) (-)



#44

Trichloroethene

Concen: 52.039 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054355.D

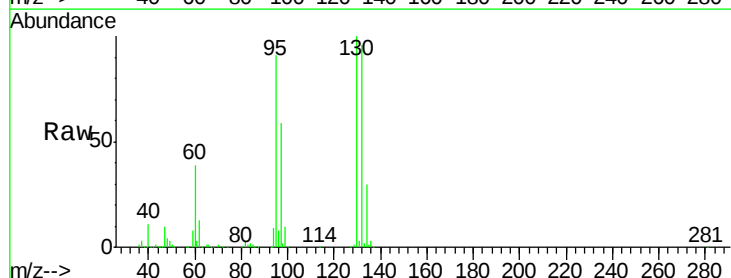
Acq: 17 Mar 2019 00:03

Tgt Ion: 130 Resp: 790907

Ion Ratio Lower Upper

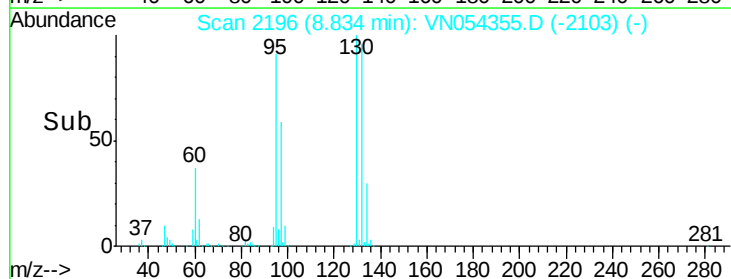
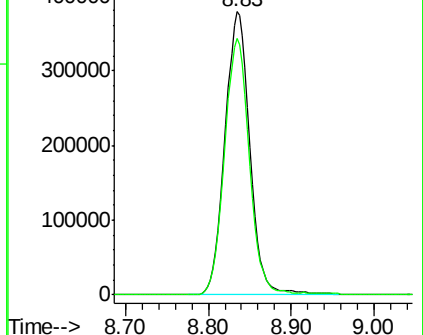
130 100

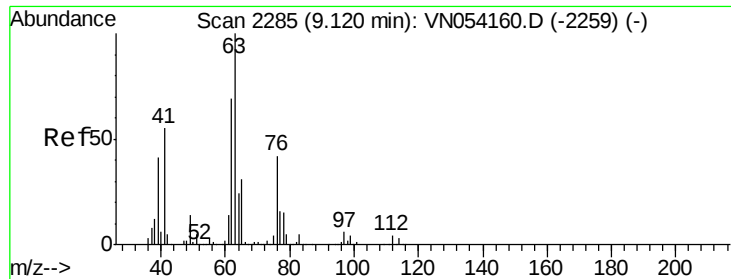
95 90.6 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054160.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN054160.D (-2178) (-)

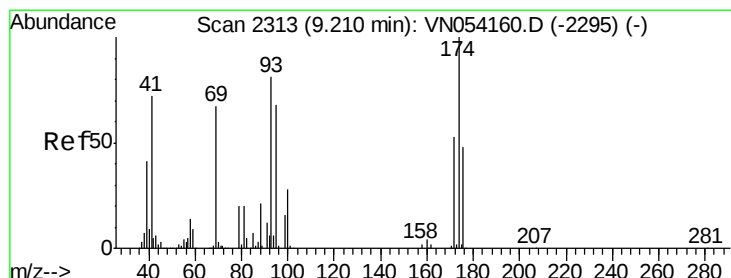
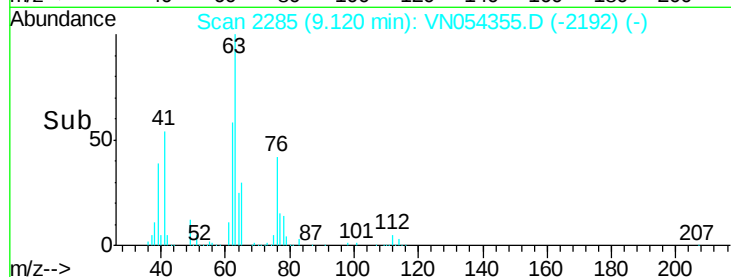
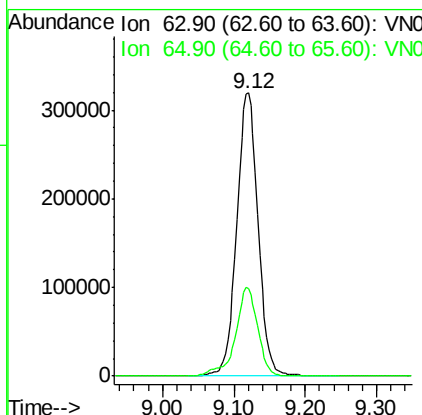
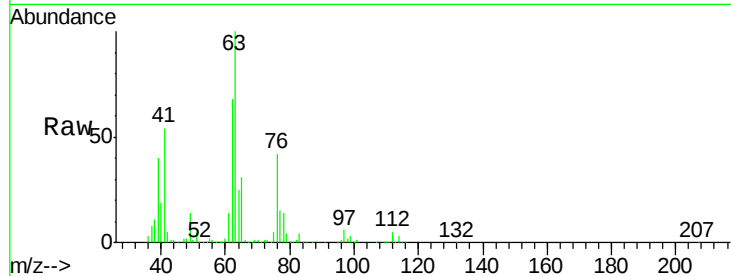




#45
 1,2-Dichloropropane
 Concen: 55.036 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

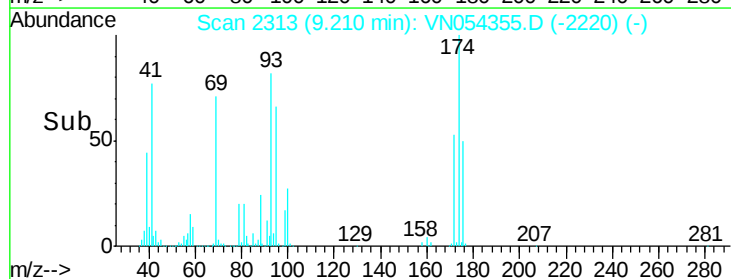
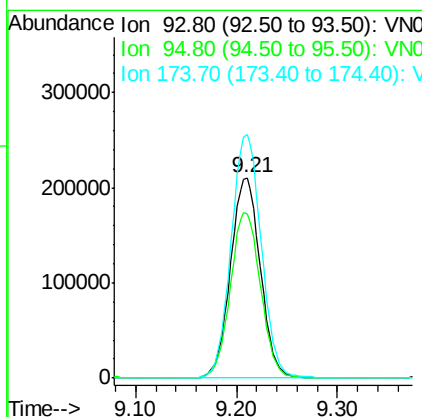
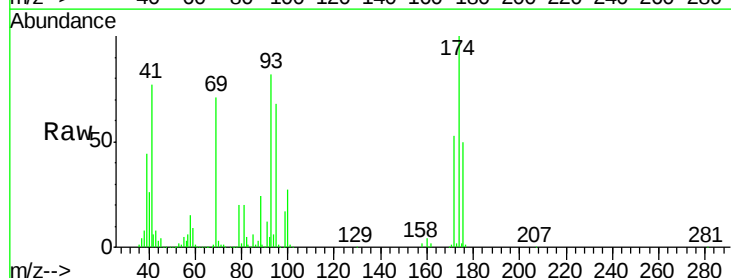
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

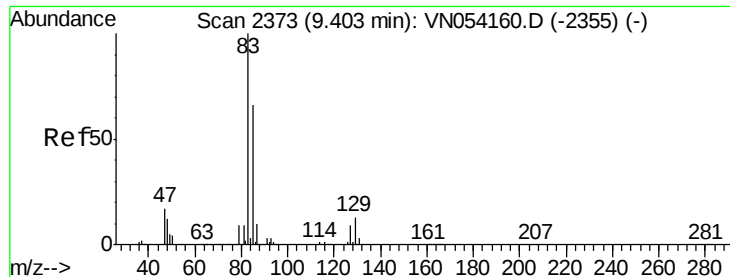
Tot Ion: 63 Resp: 668595
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 52.797 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Tgt Ion: 93 Resp: 433369
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.7 100.1
 174 122.9 98.5 147.7





#47

Bromodichloromethane

Concen: 53.392 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

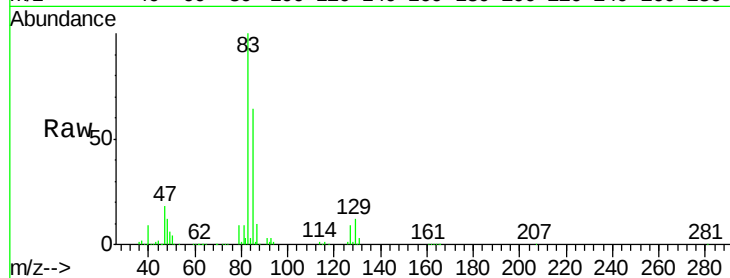
Tot Ion: 83 Resp: 878578

Ion Ratio Lower Upper

83 100

85 64.1 52.8 79.2

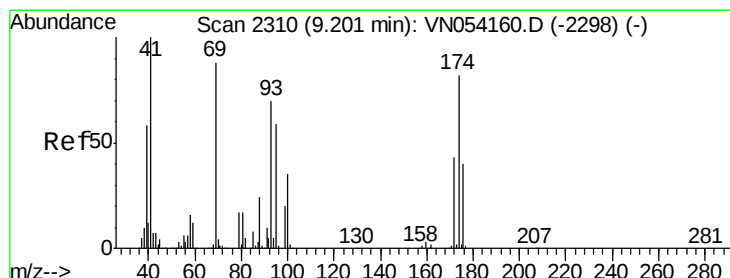
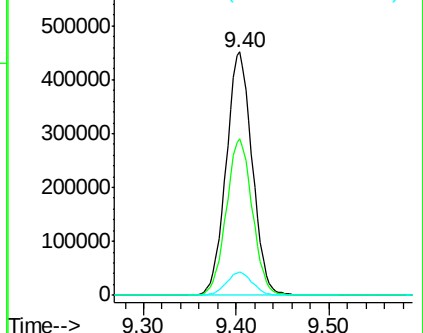
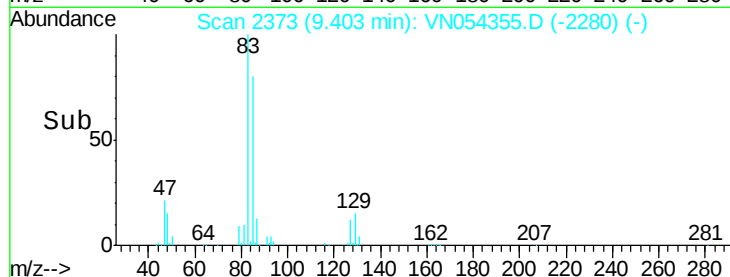
127 9.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054355.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054355.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054355.D (-2280) (-)



#48

Methyl methacrylate

Concen: 55.022 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

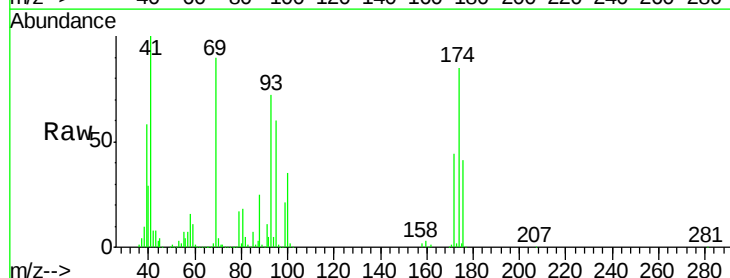
Tgt Ion: 41 Resp: 481476

Ion Ratio Lower Upper

41 100

69 92.3 72.6 108.8

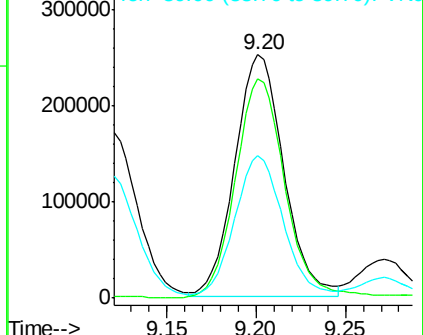
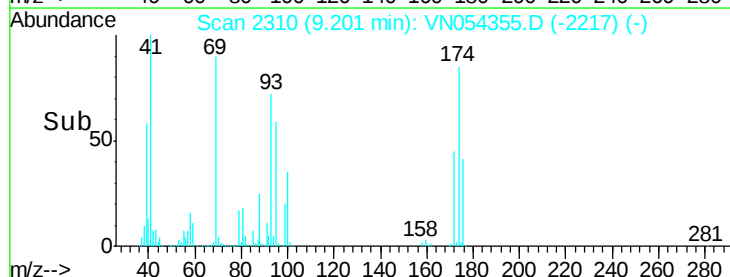
39 58.6 47.5 71.3

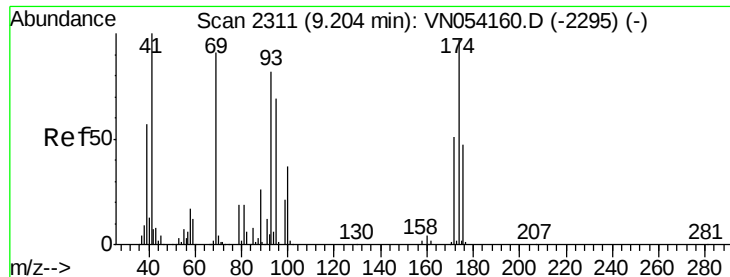


Abundance Ion 41.00 (40.70 to 41.70): VN054355.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054355.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054355.D (-2217) (-)

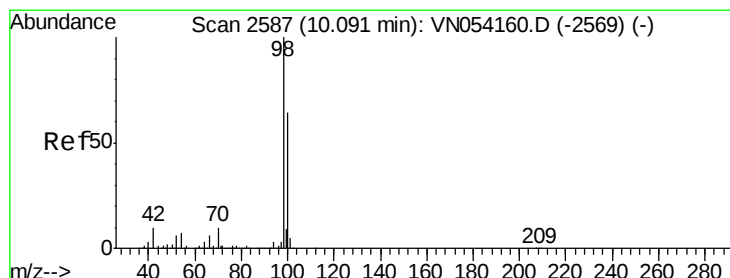
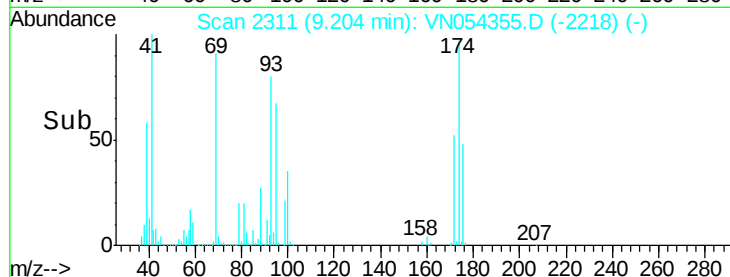
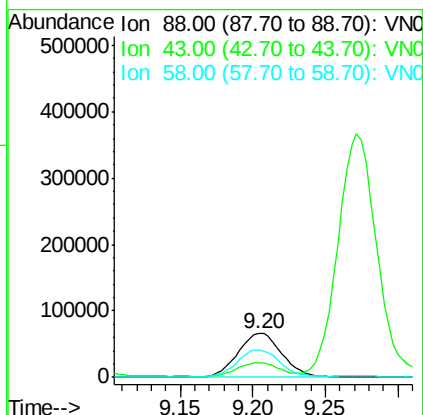
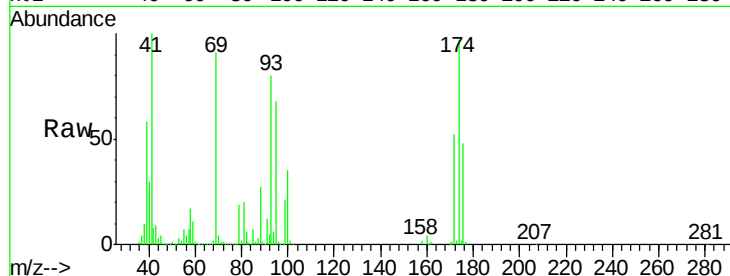




#49
1,4-Dioxane
Concen: 1125.171 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

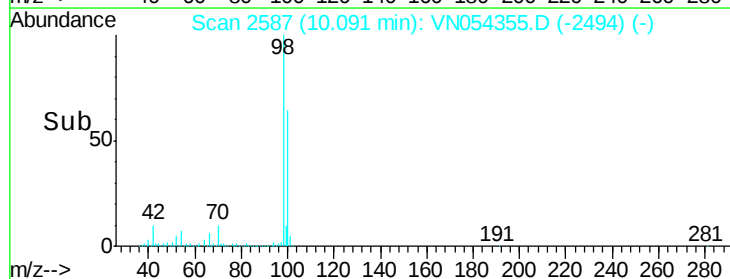
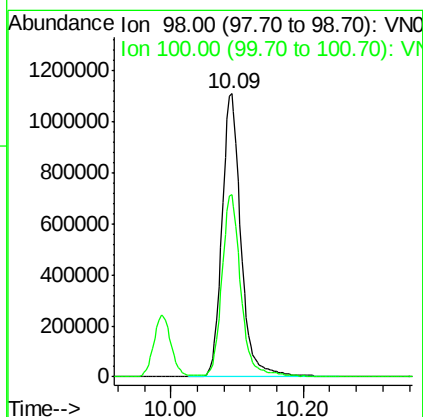
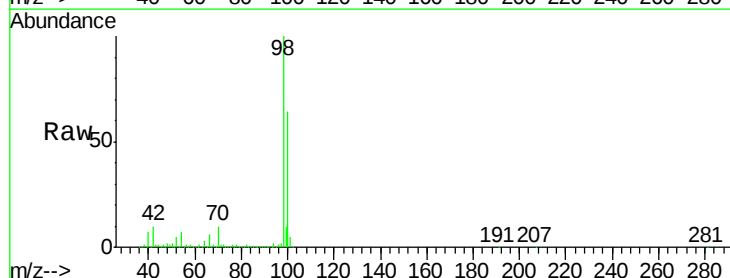
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 139270
Ion Ratio Lower Upper
88 100
43 29.8 24.1 36.1
58 62.4 50.8 76.2



#50
Toluene-d8
Concen: 49.897 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 98 Resp: 2206483
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 287.461 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

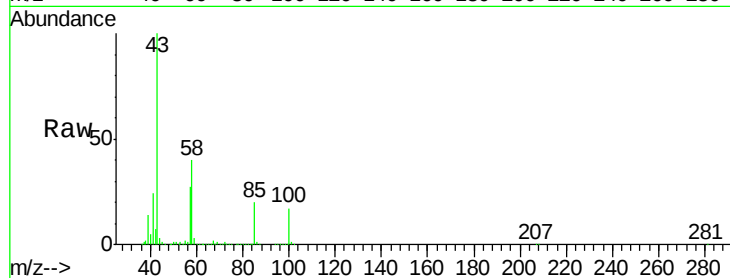
VSTDCCC050

Tot Ion: 43 Resp: 2623147

Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1500000

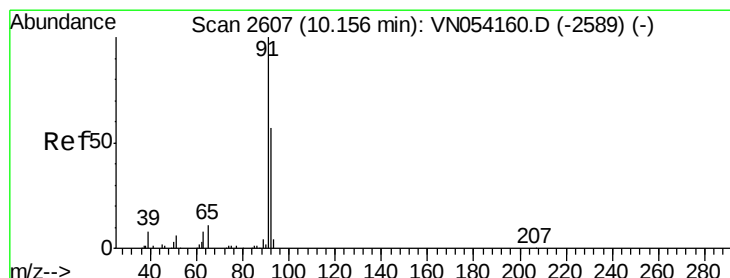
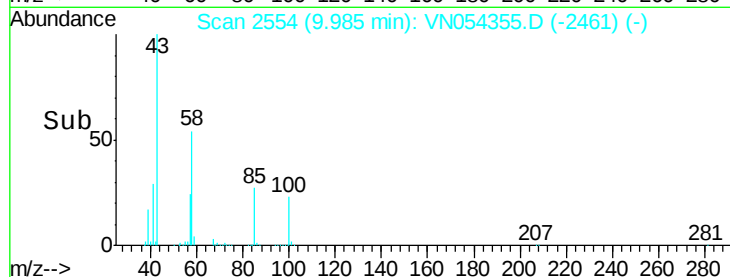
1000000

500000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 53.330 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054355.D

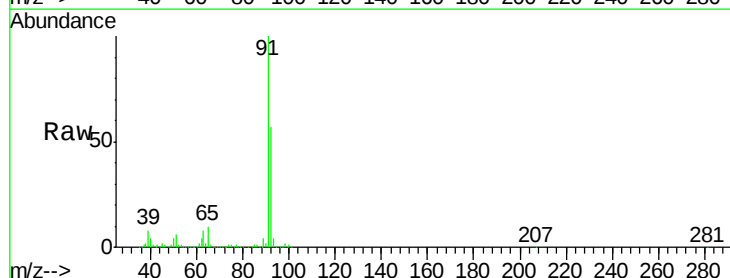
Acq: 17 Mar 2019 00:03

Tgt Ion: 92 Resp: 1654373

Ion Ratio Lower Upper

92 100

91 175.8 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

1500000

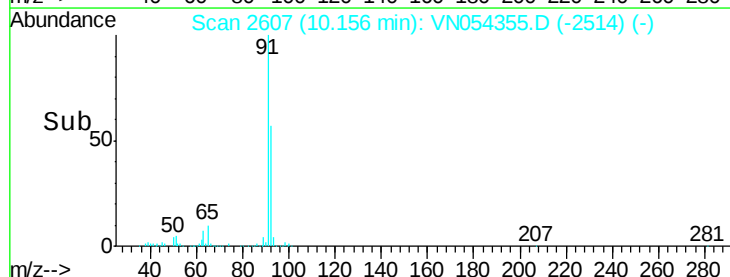
1000000

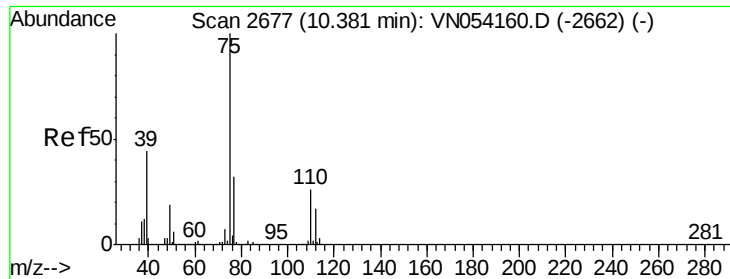
500000

0

10.00 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 42.738 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

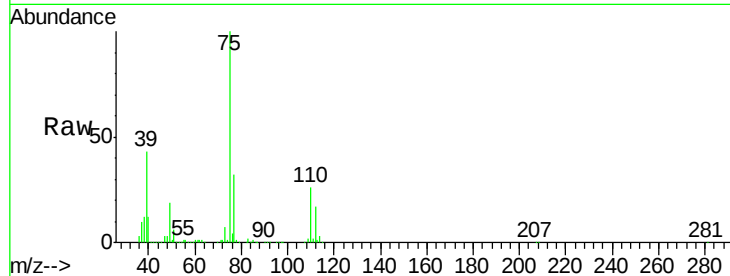
VSTDCCC050

Tot Ion: 75 Resp: 798701

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

400000

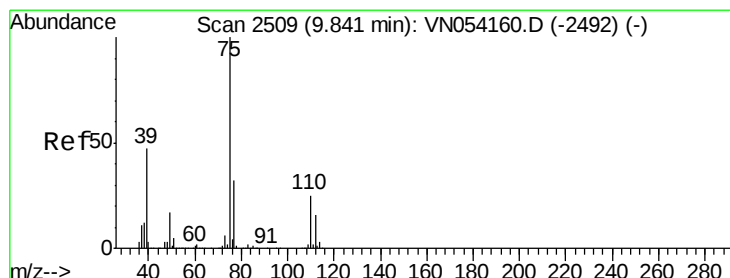
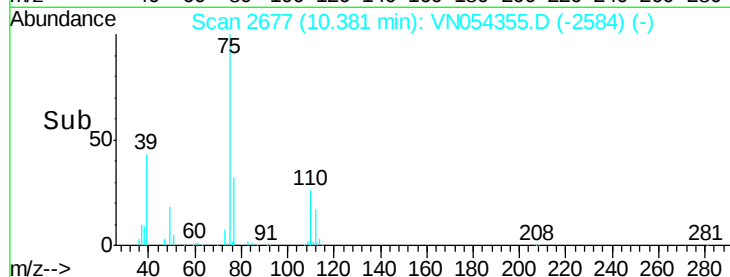
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.076 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

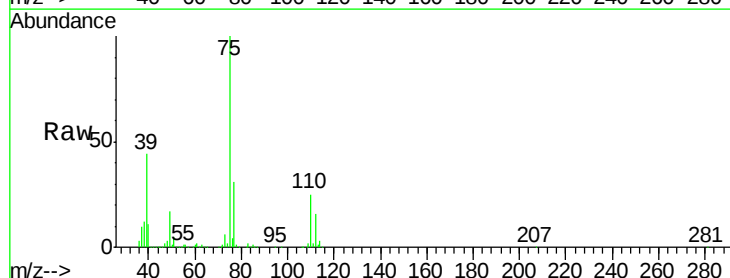
Tgt Ion: 75 Resp: 960234

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 44.4 37.2 55.8



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

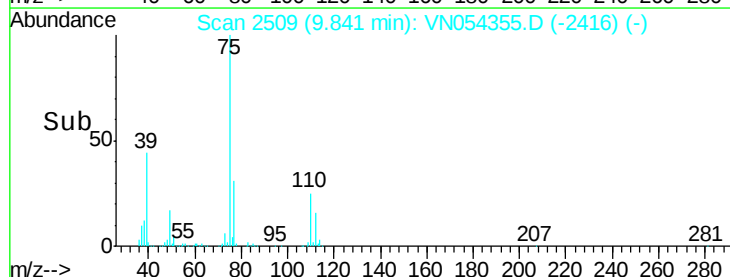
600000

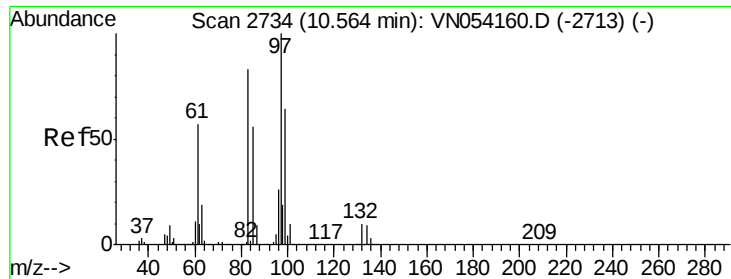
400000

200000

0

Time-->

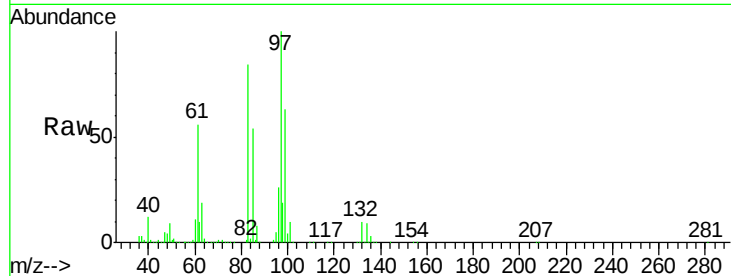




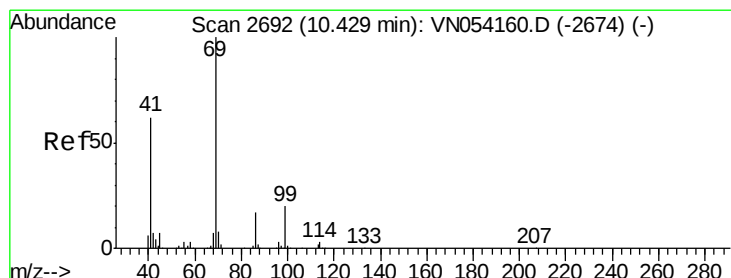
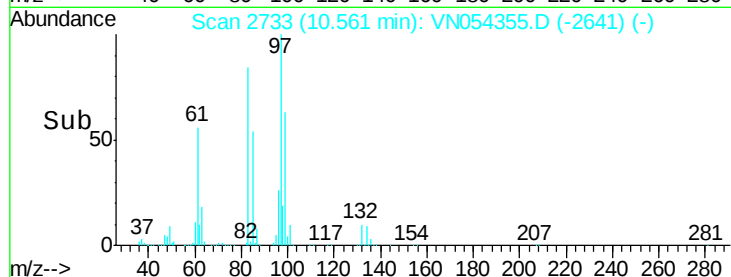
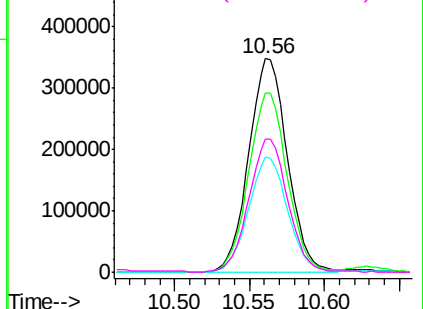
#55
 1,1,2-Trichloroethane
 Concen: 55.260 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 625935
 Ion Ratio Lower Upper
 97 100
 83 84.0 66.6 100.0
 85 53.7 44.4 66.6
 99 62.3 50.8 76.2

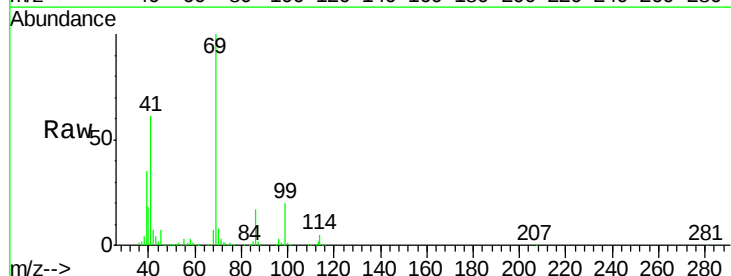


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

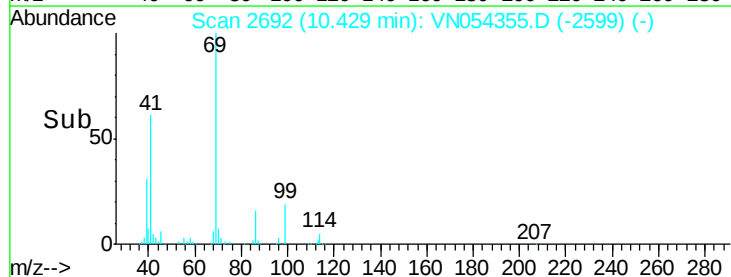
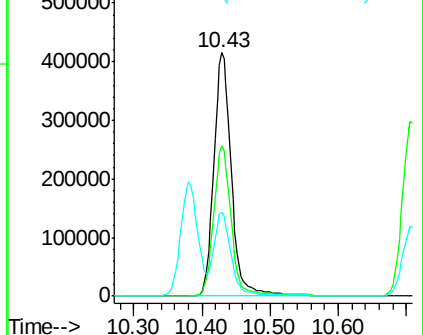


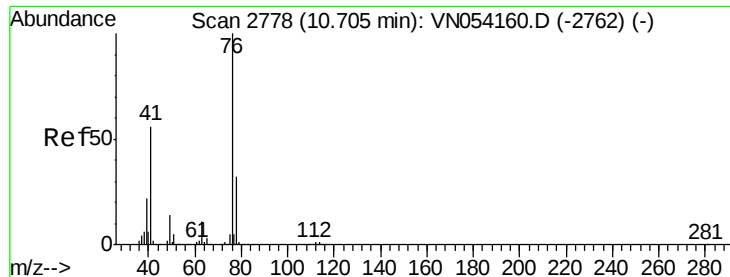
#56
 Ethyl methacrylate
 Concen: 55.101 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Tgt Ion: 69 Resp: 744202
 Ion Ratio Lower Upper
 69 100
 41 61.2 49.4 74.2
 39 33.4 28.3 42.5



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 54.757 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

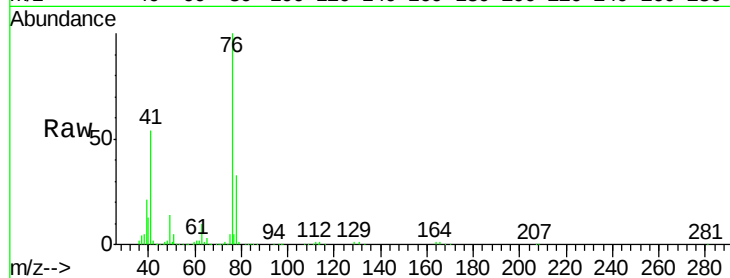
VSTDCCC050

Tot Ion: 76 Resp: 1014177

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

600000

500000

400000

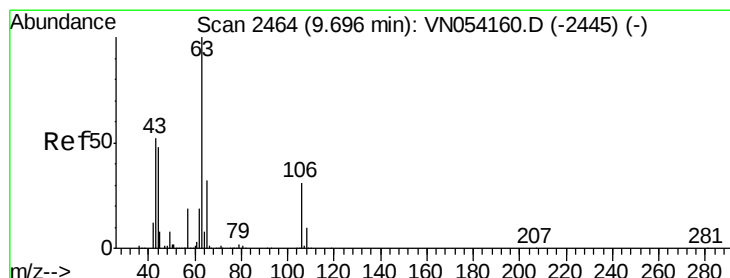
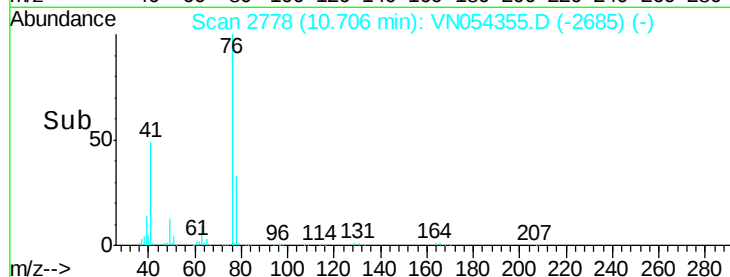
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 239.353 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054355.D

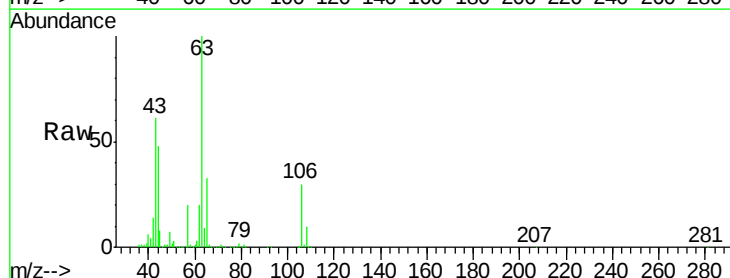
Acq: 17 Mar 2019 00:03

Tgt Ion: 63 Resp: 1397989

Ion Ratio Lower Upper

63 100

106 30.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

800000

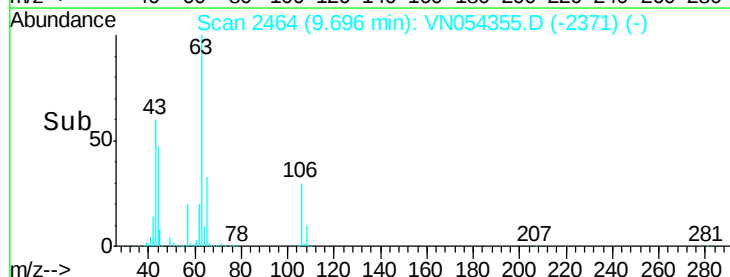
600000

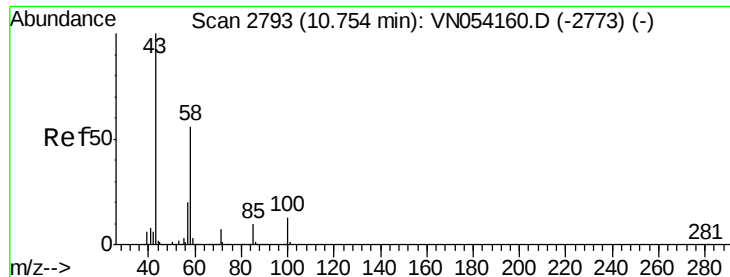
400000

200000

0

Time-->

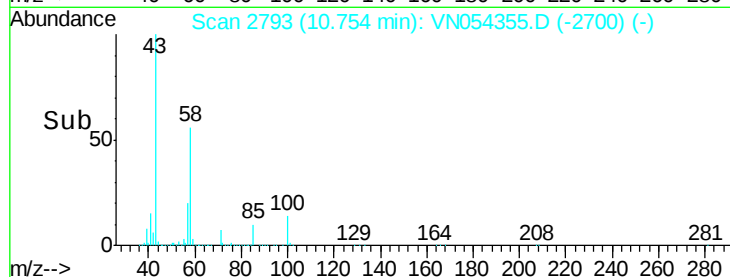
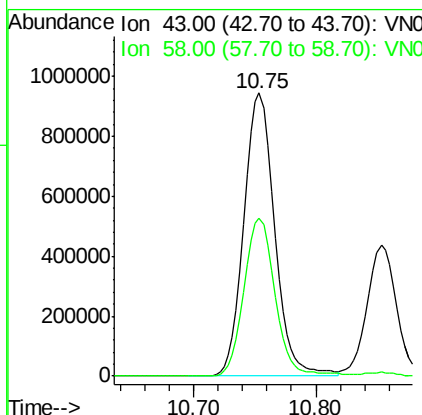
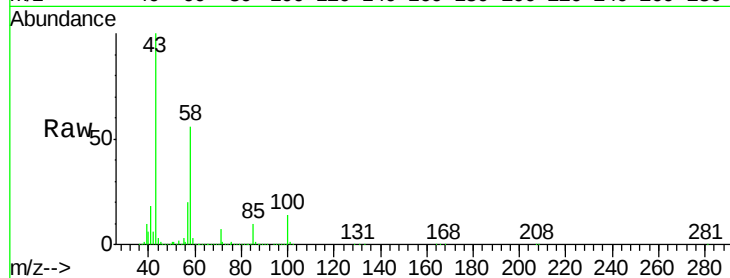




#59
2-Hexanone
Concen: 269.542 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

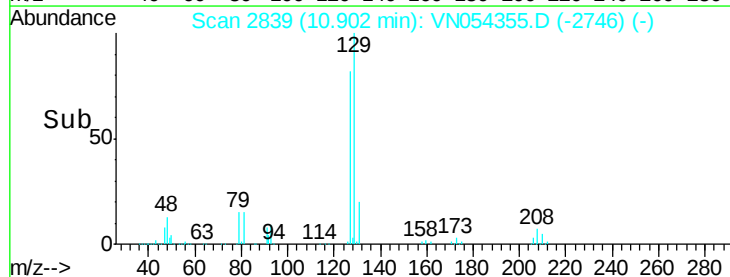
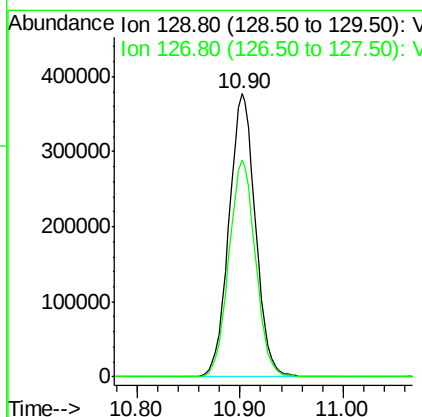
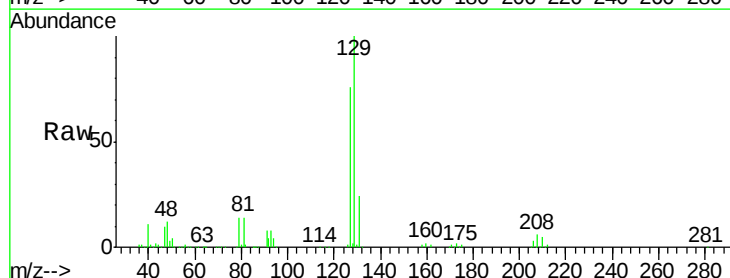
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1636632
Ion Ratio Lower Upper
43 100
58 56.7 28.0 83.9



#60
Dibromochloromethane
Concen: 52.861 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 129 Resp: 673935
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8

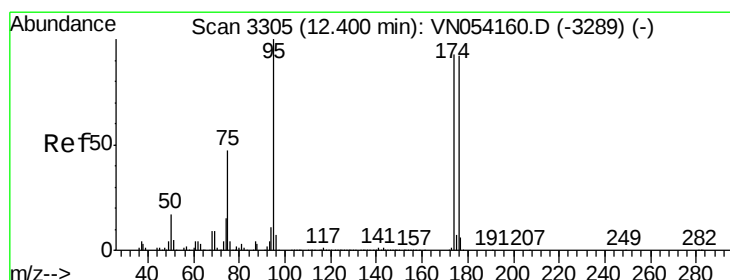
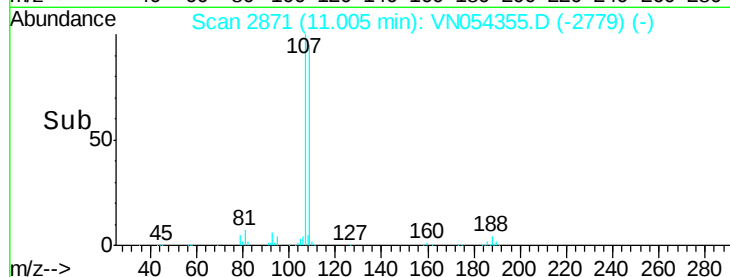
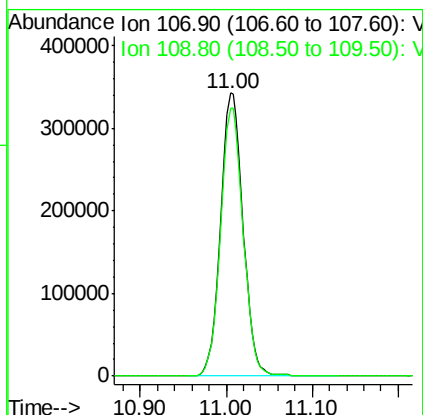
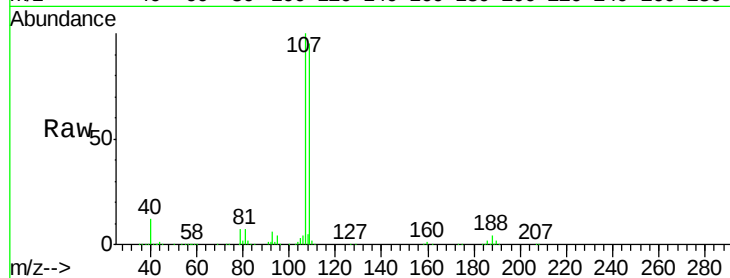




#61
 1,2-Dibromoethane
 Concen: 54.120 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

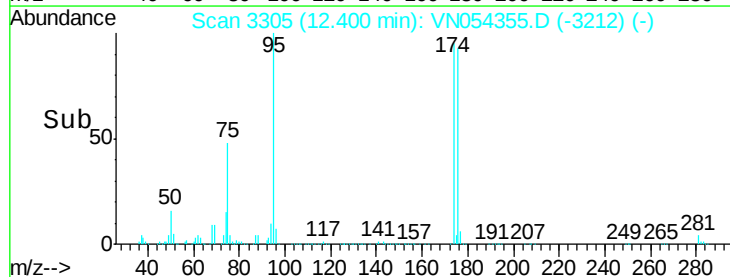
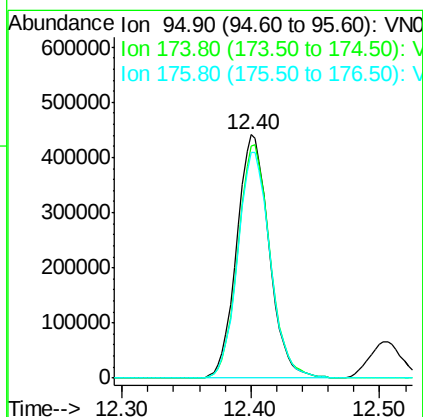
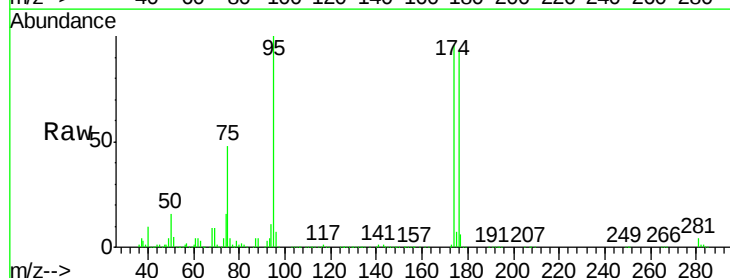
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 622962
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.904 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Tgt Ion: 95 Resp: 772161
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 191.0
 176 93.0 0.0 187.4

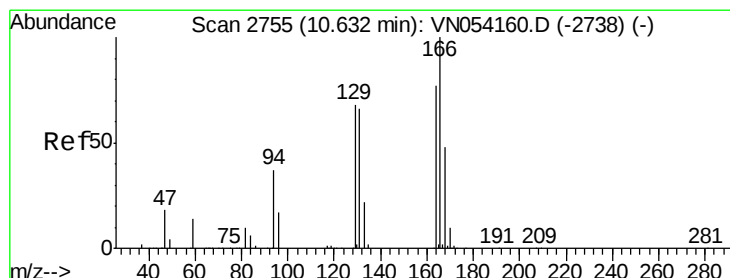
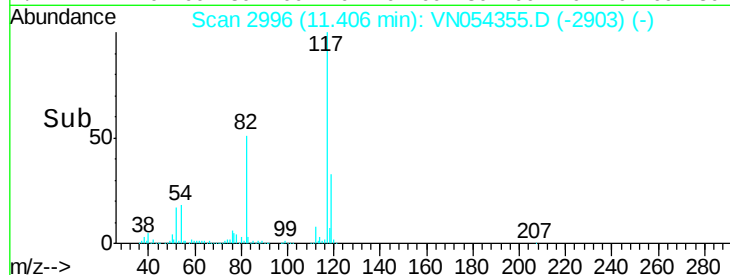
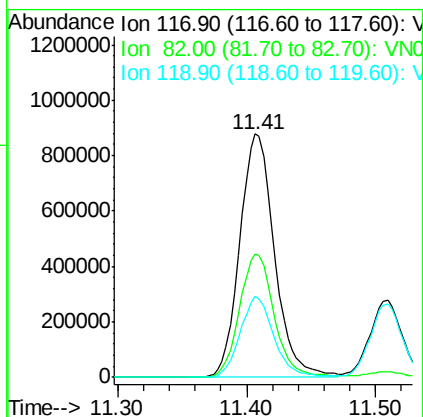
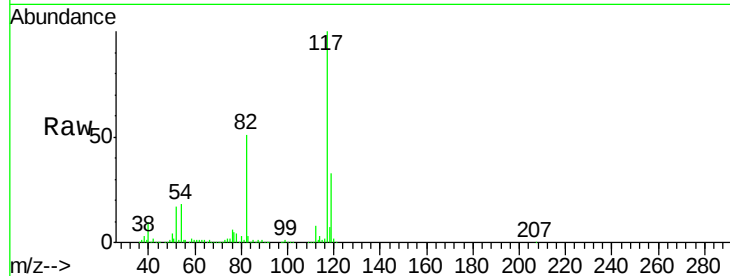




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

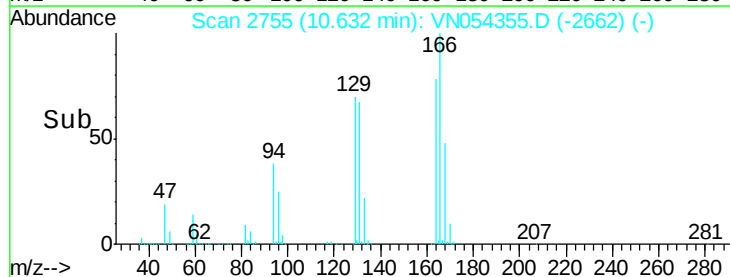
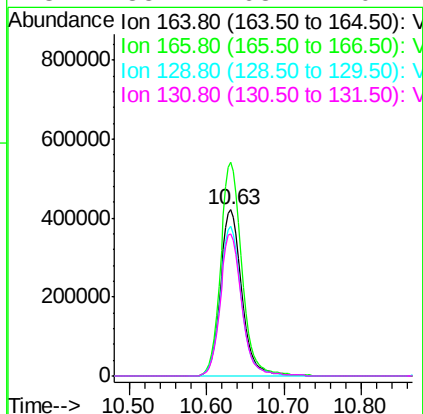
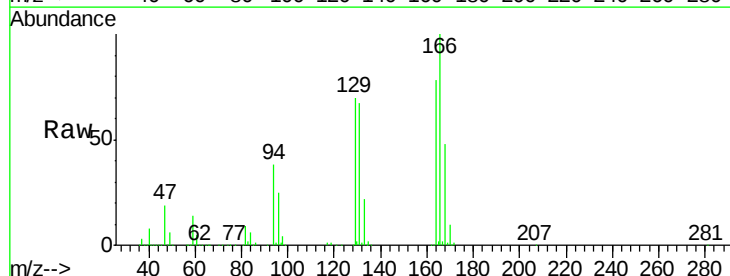
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 1647736
Ion Ratio Lower Upper
117 100
82 50.6 40.0 60.0
119 33.1 25.8 38.6



#64
Tetrachloroethene
Concen: 51.043 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion:164 Resp: 813176
Ion Ratio Lower Upper
164 100
166 128.4 103.9 155.9
129 89.8 71.1 106.7
131 85.7 68.2 102.4





#65

Chlorobenzene

Concen: 53.033 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

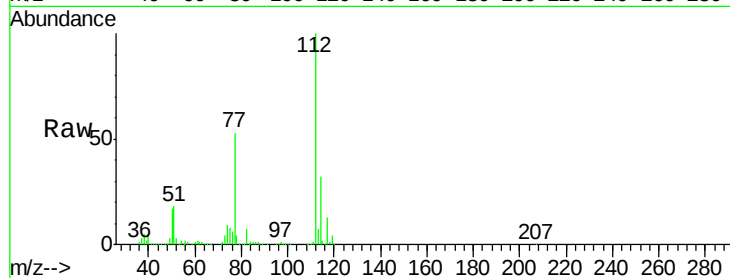
VSTDCCC050

Tot Ion:112 Resp: 1918741

Ion Ratio Lower Upper

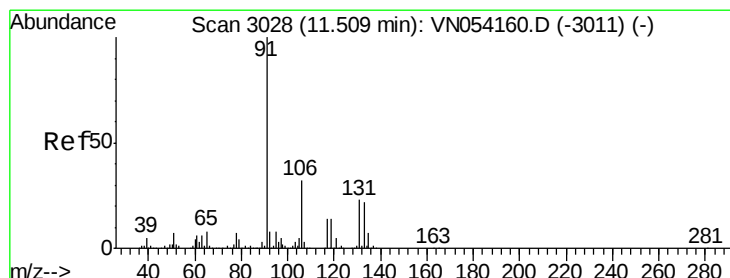
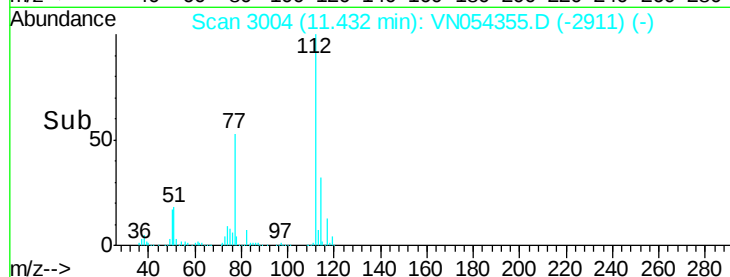
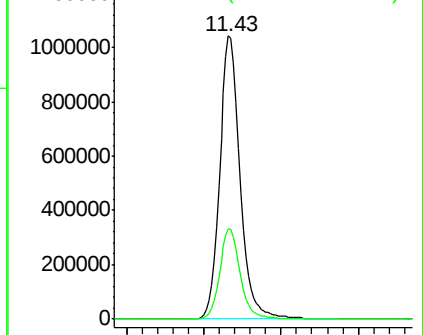
112 100

114 31.8 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.648 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

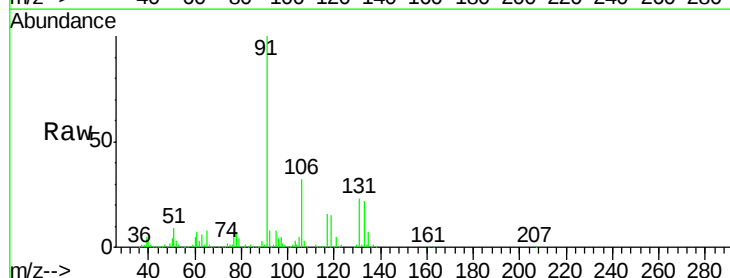
Tgt Ion:131 Resp: 705108

Ion Ratio Lower Upper

131 100

133 94.8 47.6 142.9

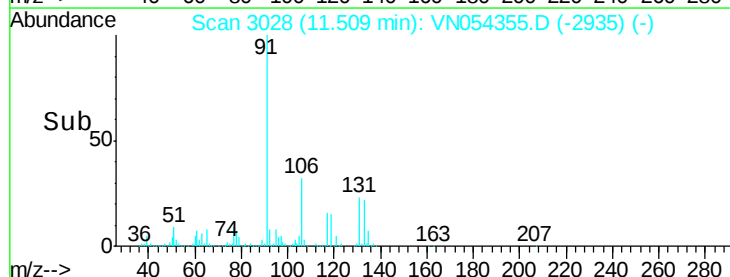
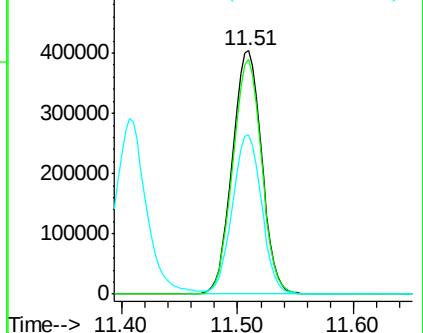
119 65.0 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.217 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampled :

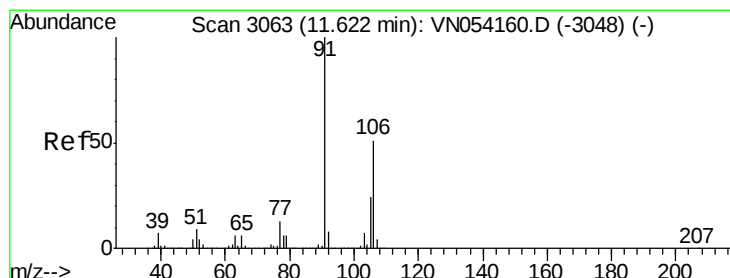
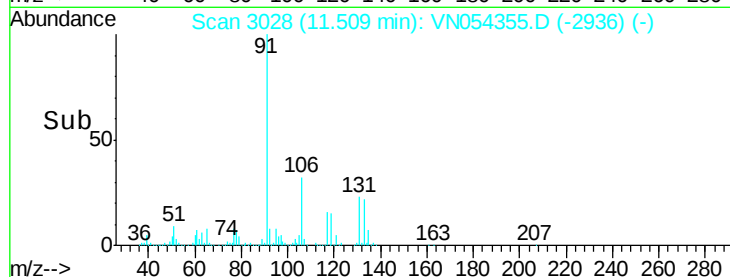
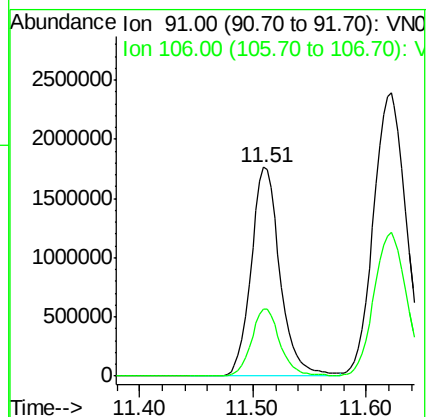
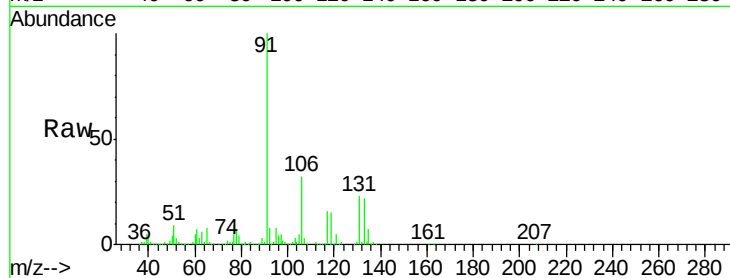
VSTDCCC050

Tot Ion: 91 Resp: 3131656

Ion Ratio Lower Upper

91 100

106 32.2 25.5 38.3



#68

m/p-Xylenes

Concen: 105.561 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN054355.D

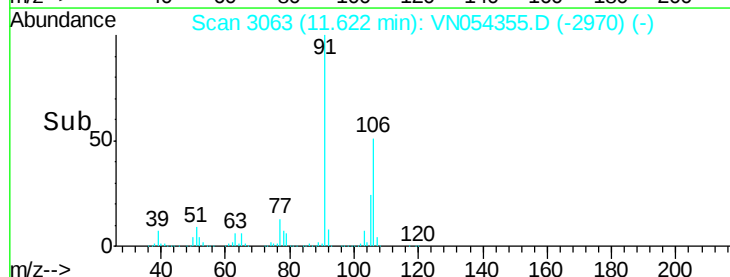
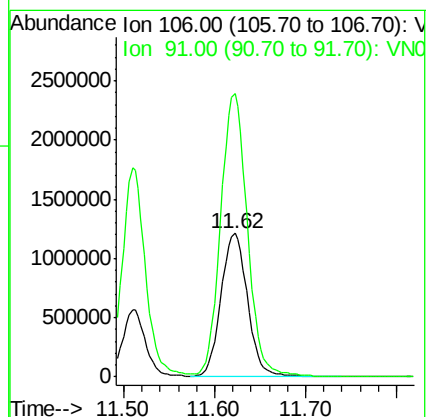
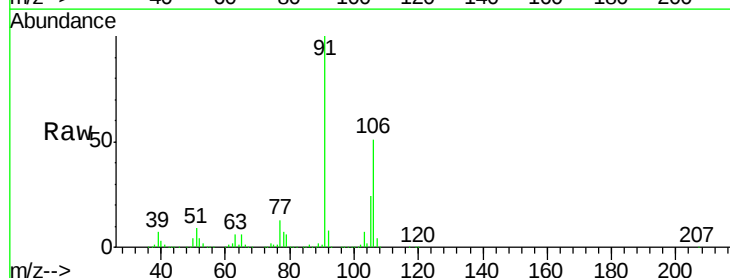
Acq: 17 Mar 2019 00:03

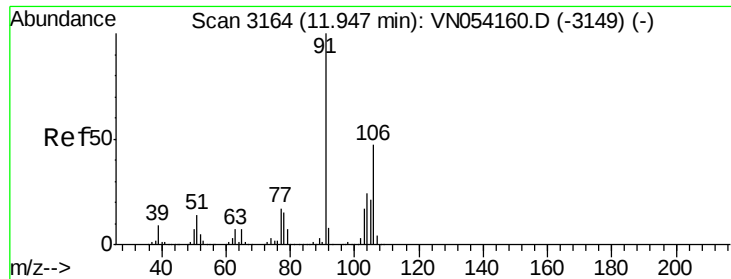
Tgt Ion: 106 Resp: 2474429

Ion Ratio Lower Upper

106 100

91 198.0 159.4 239.2

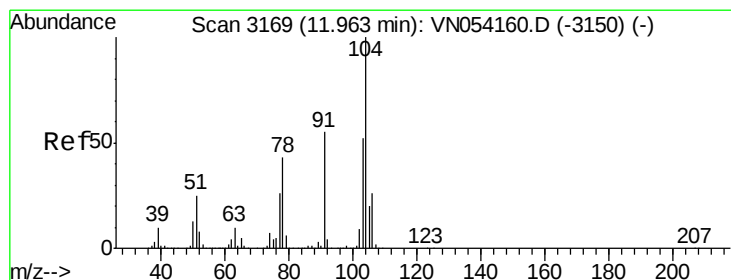
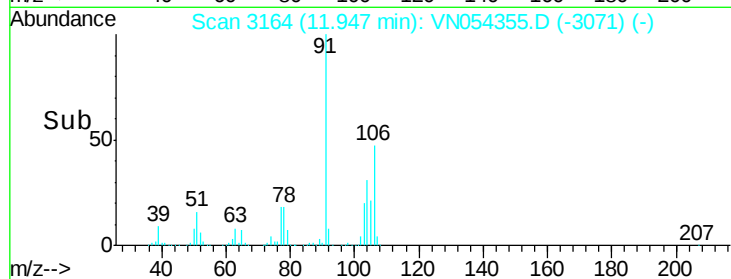
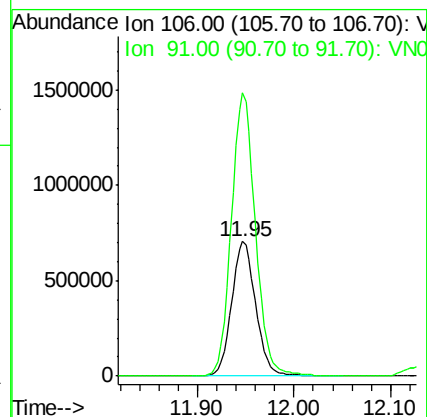
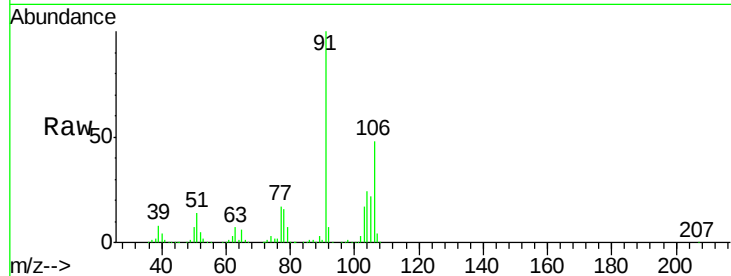




#69
o-Xylene
Concen: 53.405 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

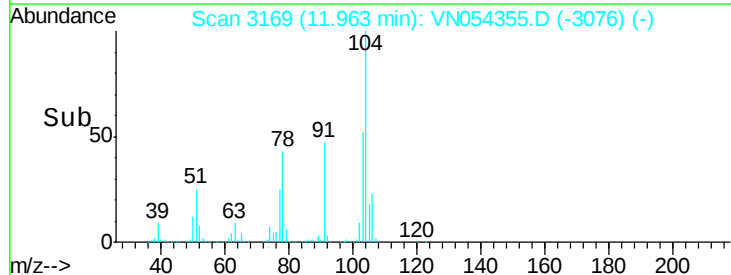
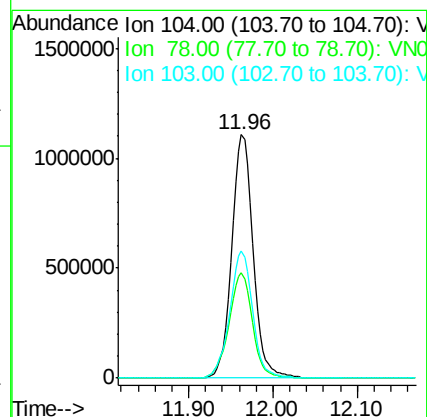
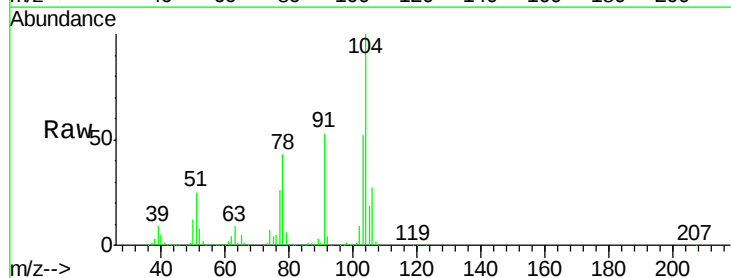
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1220342
Ion Ratio Lower Upper
106 100
91 209.6 105.7 317.1



#70
Styrene
Concen: 54.259 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion:104 Resp: 1944517
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.2
103 56.0 44.4 66.6

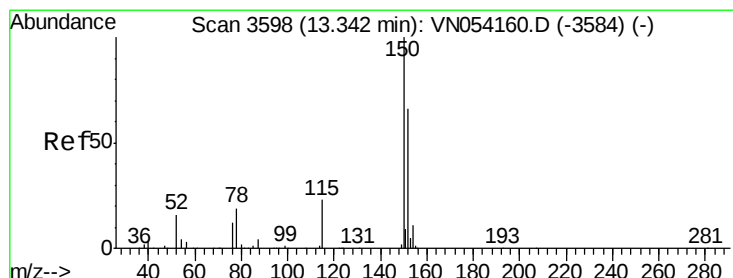
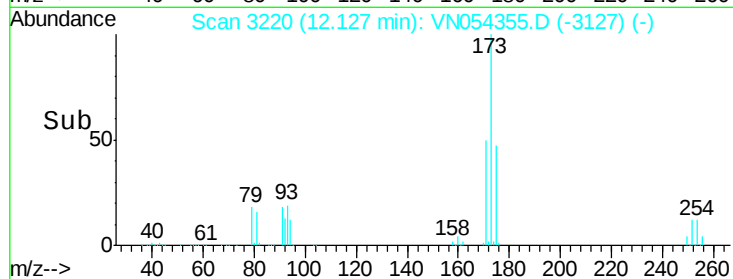
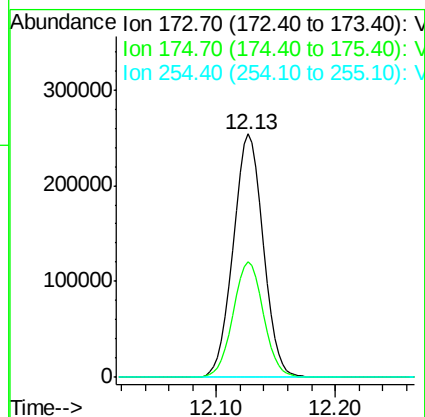
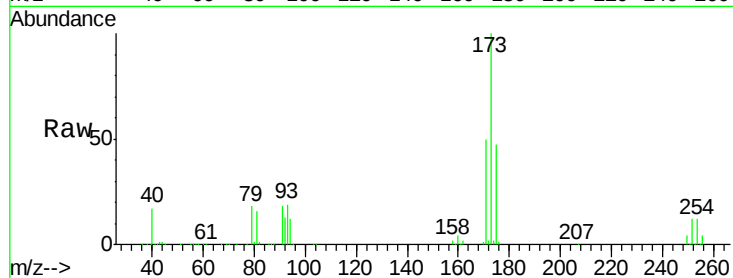




#71
Bromoform
Concen: 44.642 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

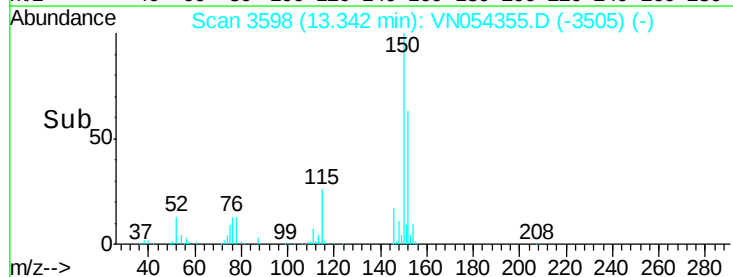
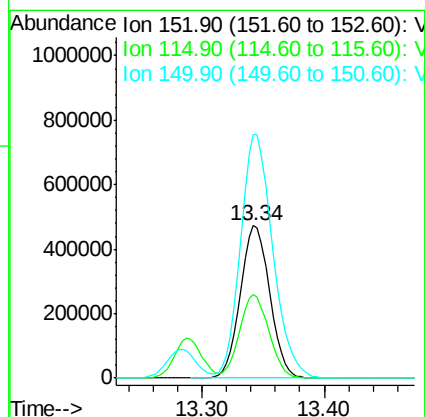
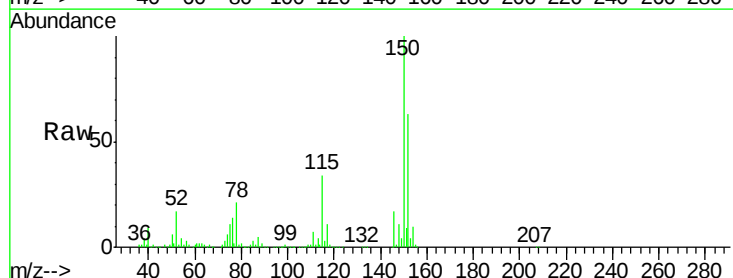
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 444617
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.2
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion:152 Resp: 785160
Ion Ratio Lower Upper
152 100
115 54.8 27.2 81.6
150 175.3 0.0 349.2





#73

Isopropylbenzene

Concen: 50.782 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

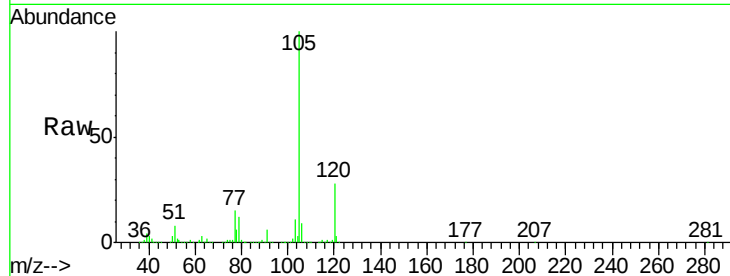
VSTDCCC050

Tot Ion:105 Resp: 3190019

Ion Ratio Lower Upper

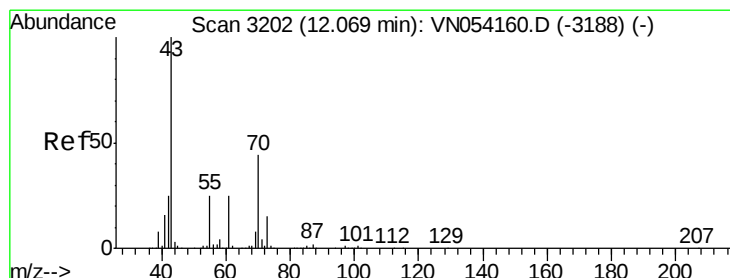
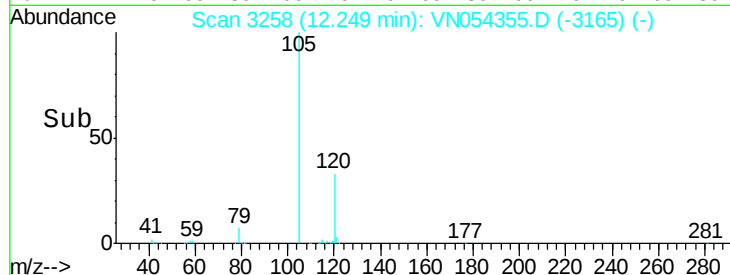
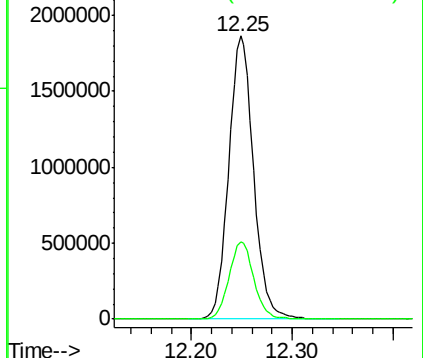
105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.805 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Tgt Ion: 43 Resp: 736289

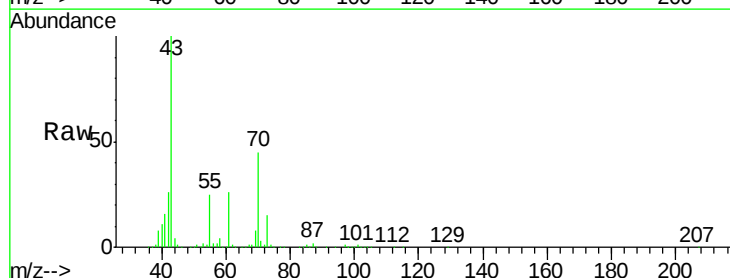
Ion Ratio Lower Upper

43 100

70 45.5 35.4 53.0

55 26.1 19.8 29.6

61 25.8 19.8 29.6

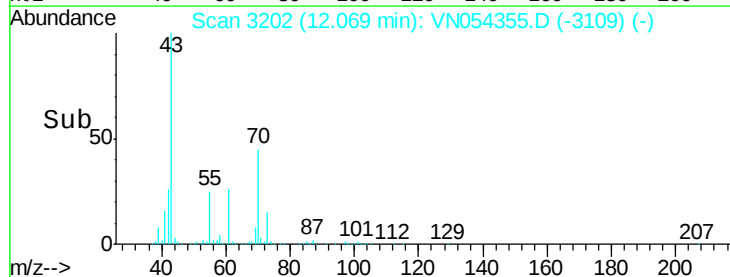
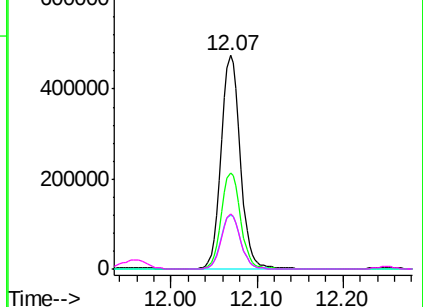


Abundance Ion 43.00 (42.70 to 43.70): V

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: 53.862 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

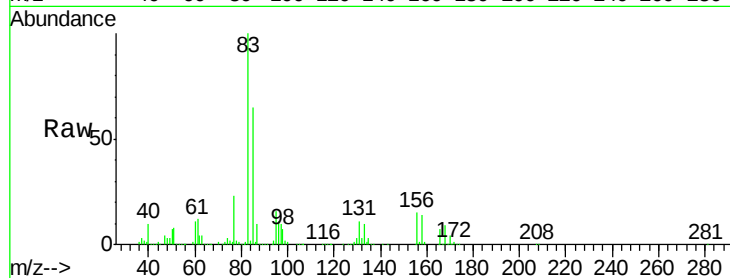
Tot Ion: 83 Resp: 720876

Ion Ratio Lower Upper

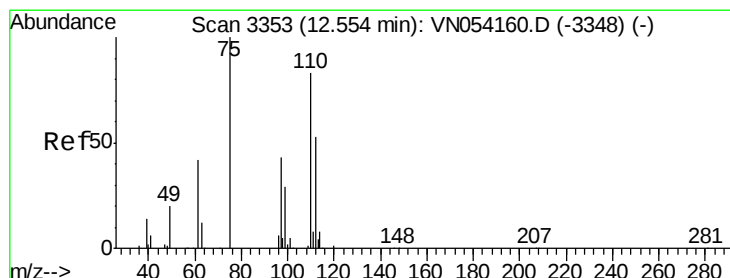
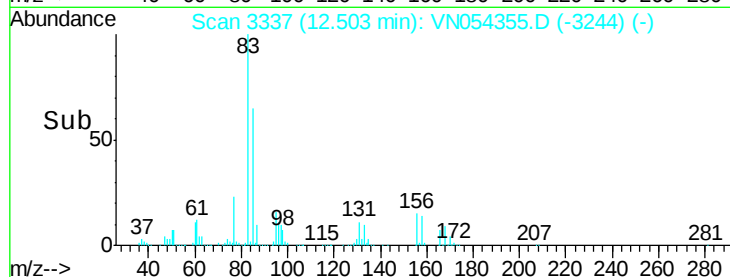
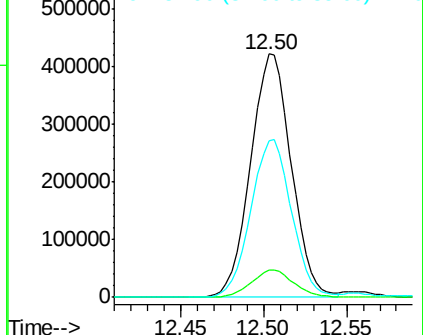
83 100

131 11.7 5.8 17.4

85 64.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 73.146 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054355.D

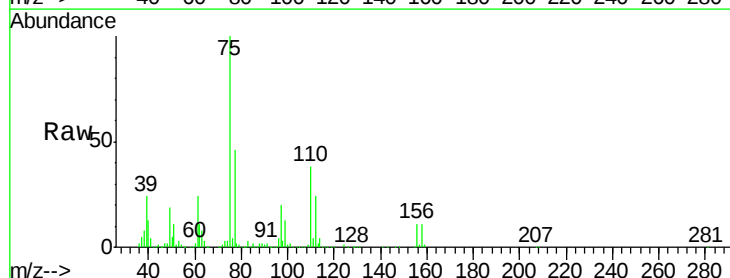
Acq: 17 Mar 2019 00:03

Tgt Ion: 75 Resp: 844549

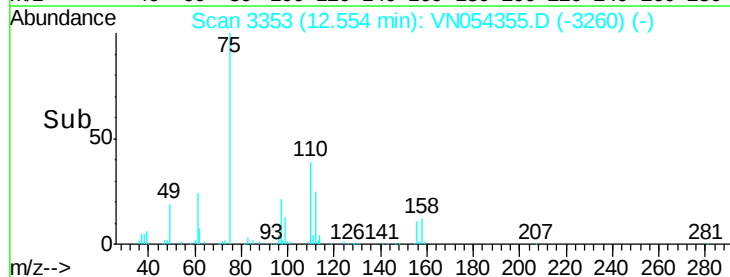
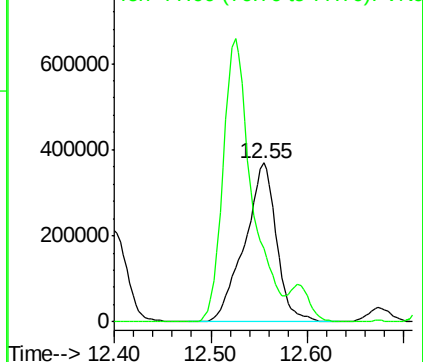
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.829 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

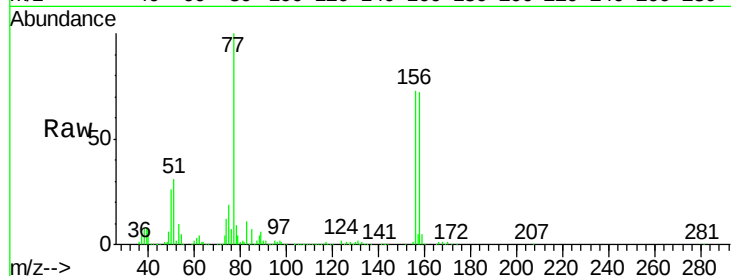
Tot Ion:156 Resp: 861535

Ion Ratio Lower Upper

156 100

77 159.1 81.5 244.4

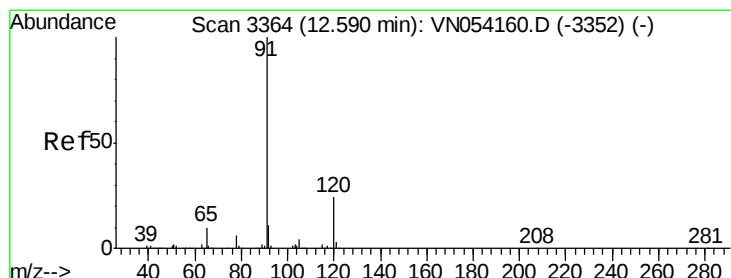
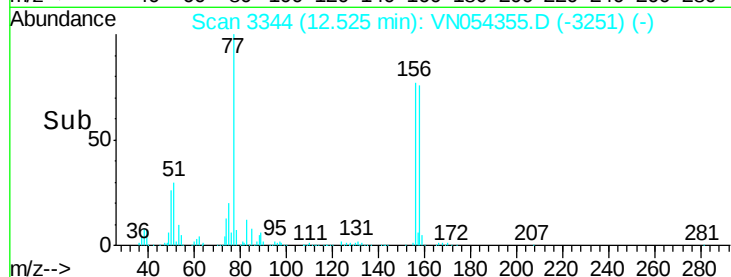
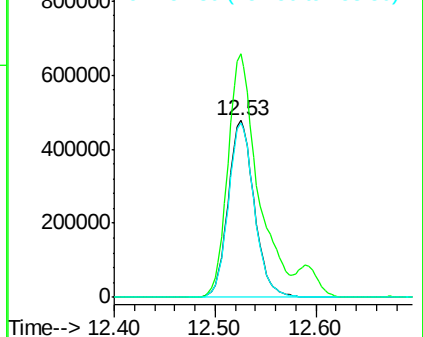
158 98.1 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.701 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054355.D

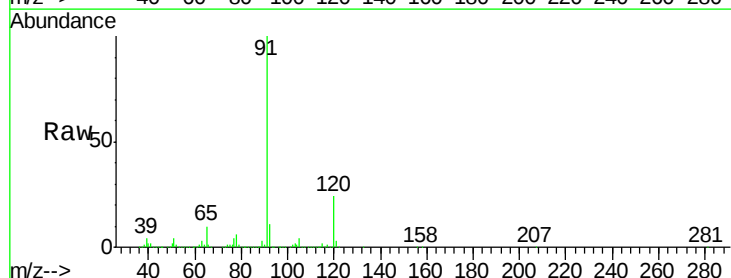
Acq: 17 Mar 2019 00:03

Tgt Ion: 91 Resp: 3455877

Ion Ratio Lower Upper

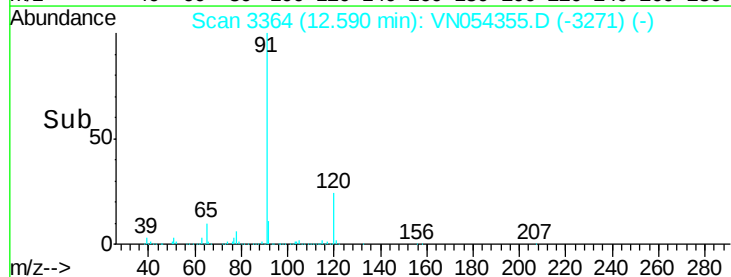
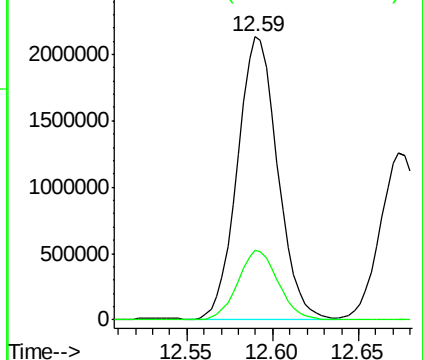
91 100

120 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.572 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

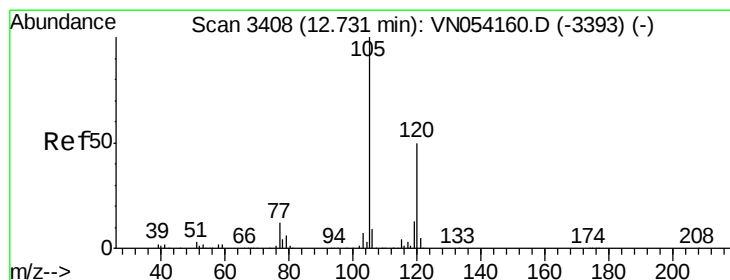
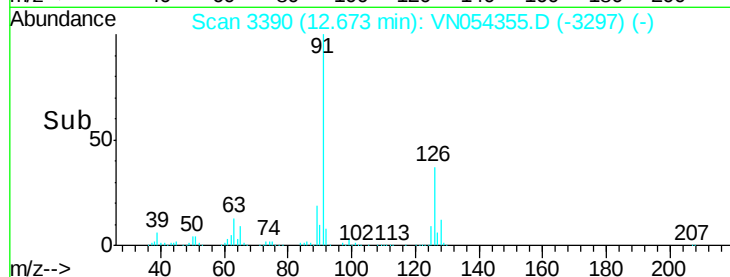
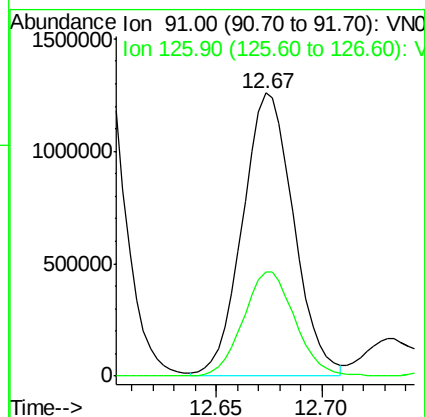
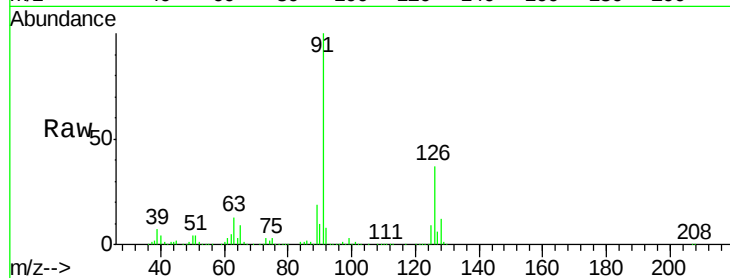
VSTDCCC050

Tot Ion: 91 Resp: 2113604

Ion Ratio Lower Upper

91 100

126 37.6 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 50.754 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054355.D

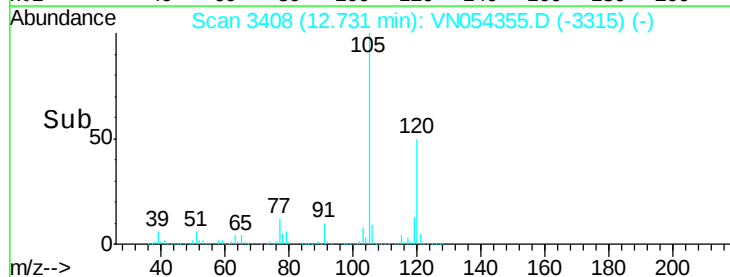
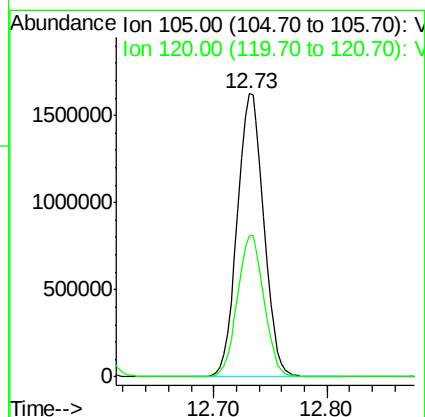
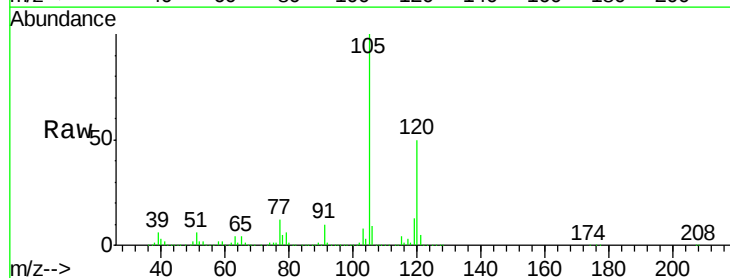
Acq: 17 Mar 2019 00:03

Tgt Ion: 105 Resp: 2651974

Ion Ratio Lower Upper

105 100

120 50.1 25.0 75.0

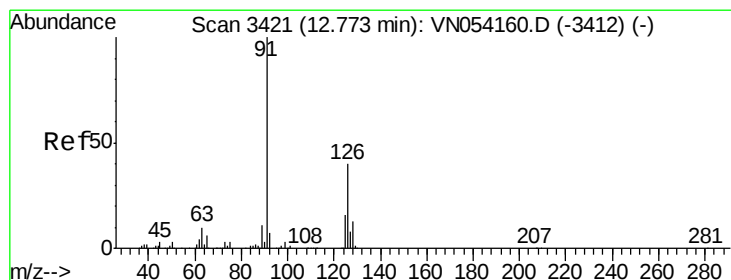
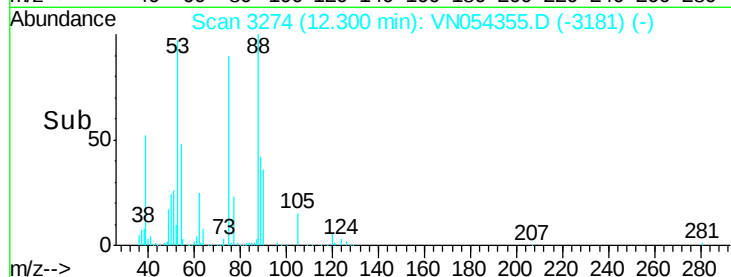
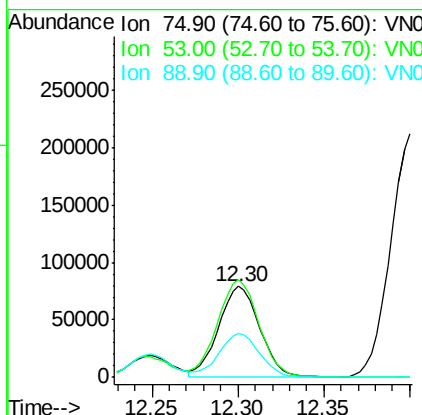
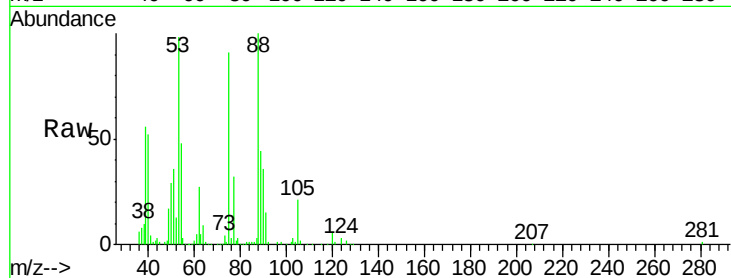




#81
trans-1,4-Dichloro-2-butene
Concen: 38.884 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

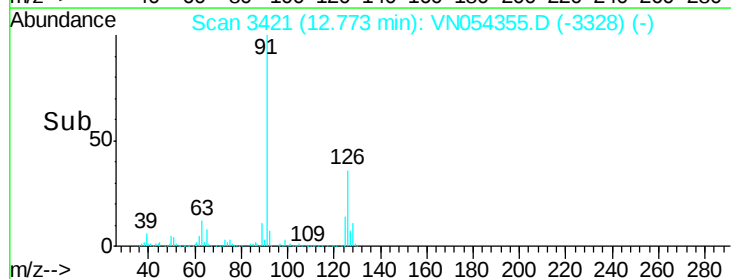
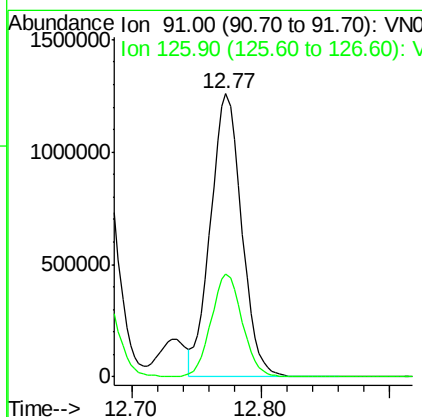
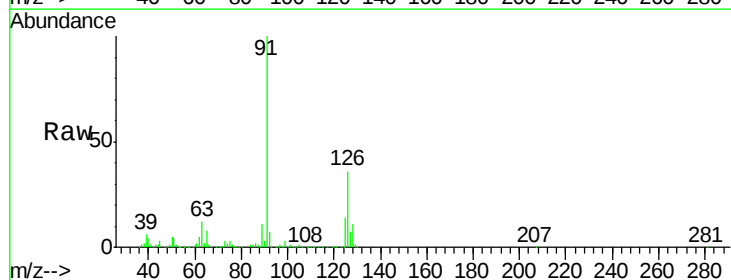
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

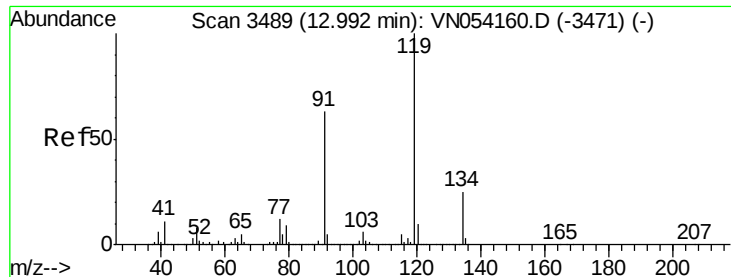
Tot Ion: 75 Resp: 131336
Ion Ratio Lower Upper
75 100
53 110.3 76.2 114.2
89 48.3 39.2 58.8



#82
4-Chlorotoluene
Concen: 51.501 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 91 Resp: 2107566
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.1





#83

tert-Butylbenzene

Concen: 50.607 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

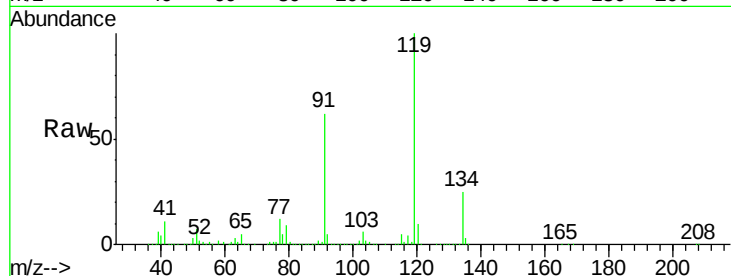
Tot Ion:119 Resp: 2433922

Ion Ratio Lower Upper

119 100

91 60.9 30.9 92.8

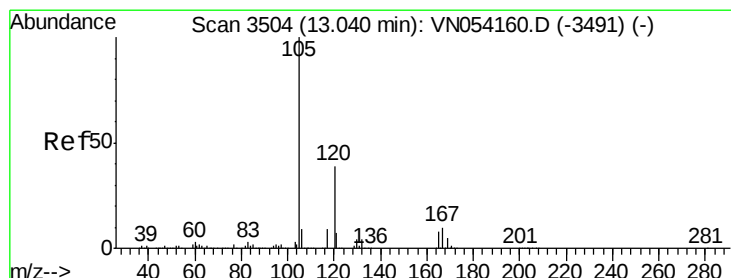
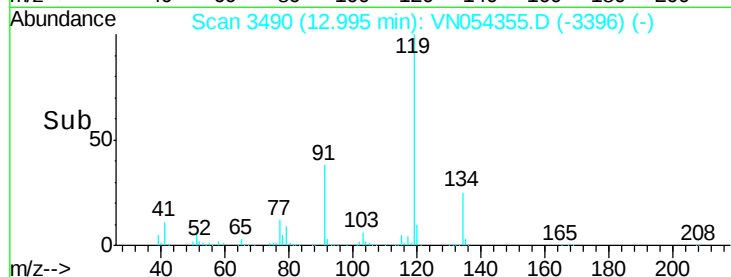
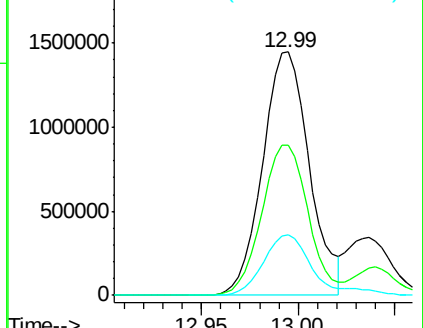
134 26.4 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.200 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054355.D

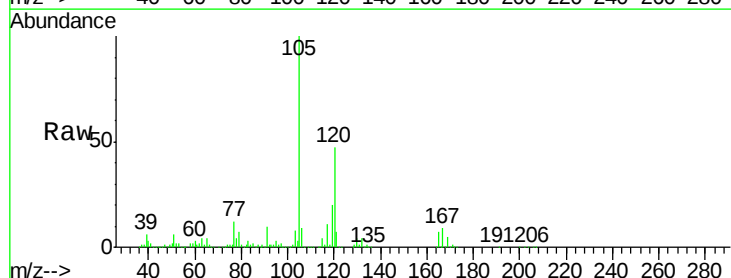
Acq: 17 Mar 2019 00:03

Tgt Ion:105 Resp: 2675832

Ion Ratio Lower Upper

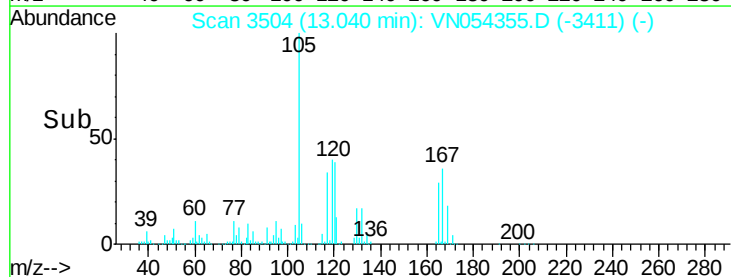
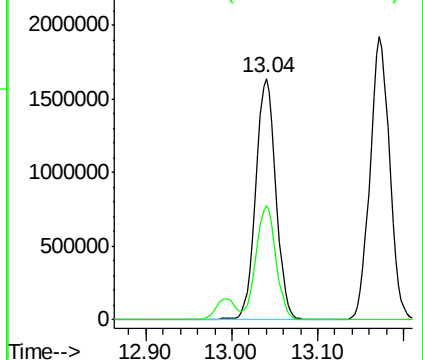
105 100

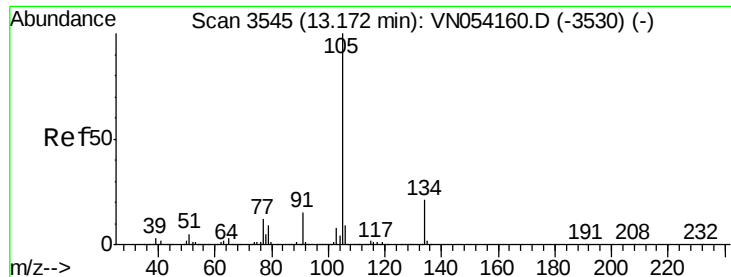
120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.024 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

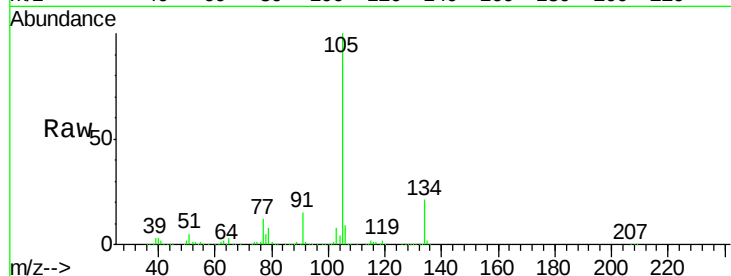
VSTDCCC050

Tot Ion:105 Resp: 3057667

Ion Ratio Lower Upper

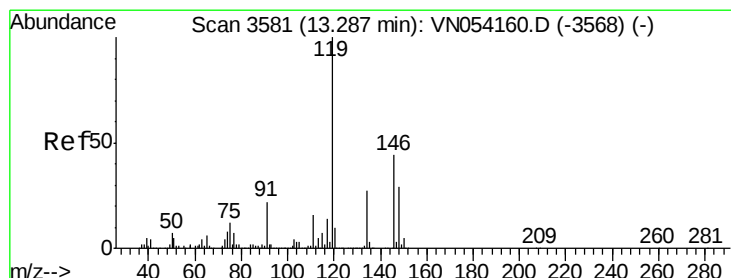
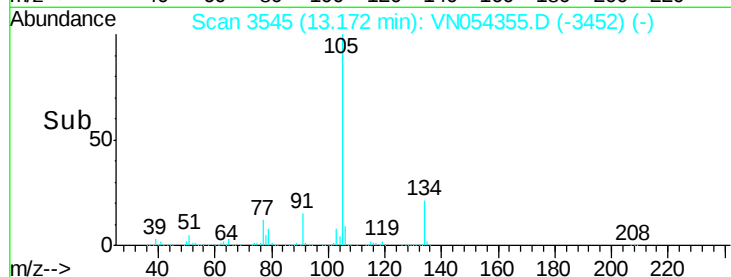
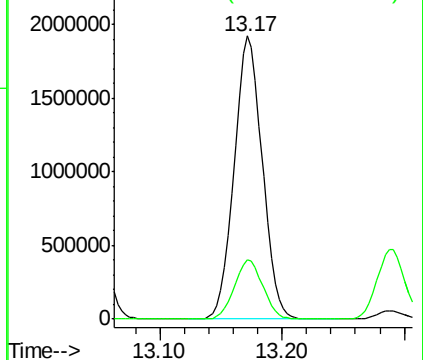
105 100

134 21.3 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.148 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

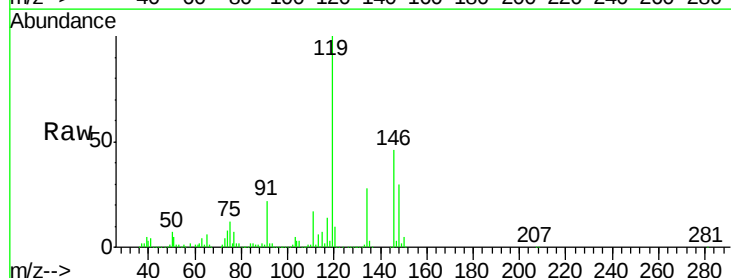
Tgt Ion:119 Resp: 2689332

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.8

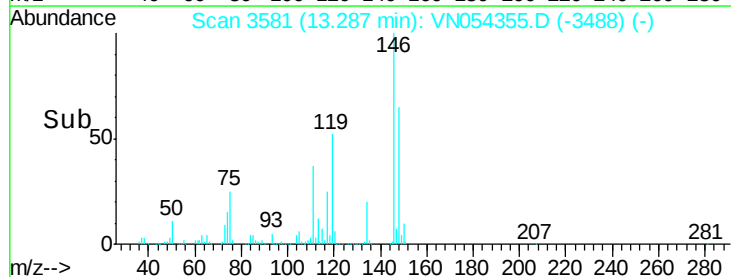
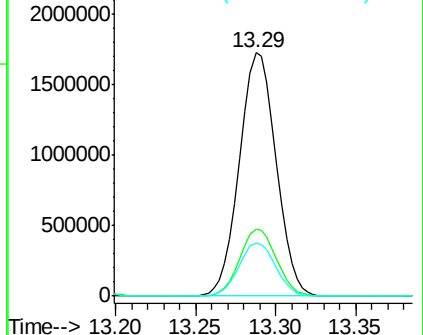
91 21.8 11.1 33.3

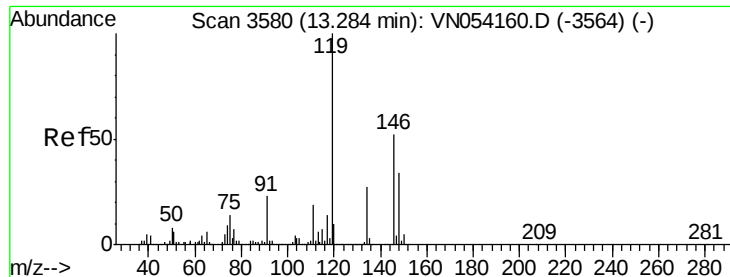


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



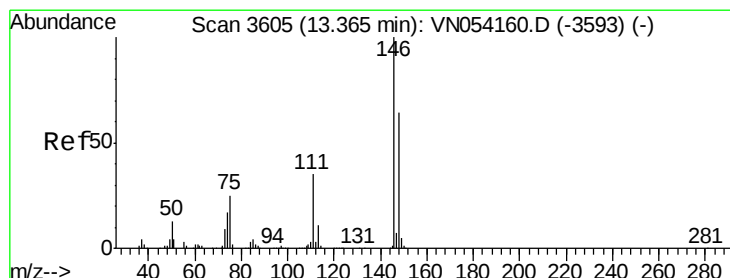
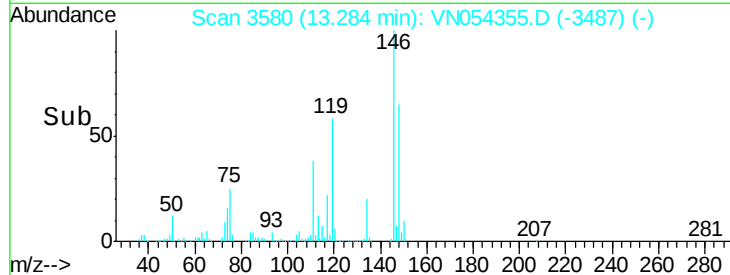
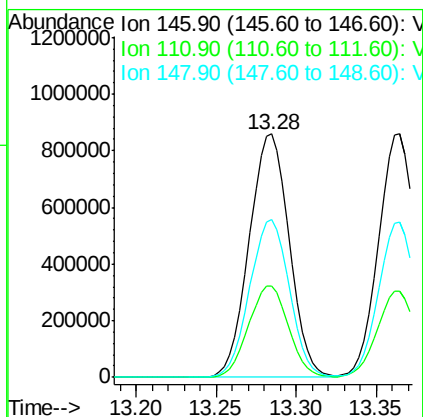
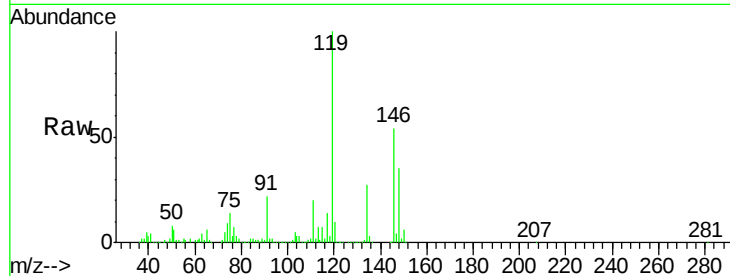


#87
 1,3-Dichlorobenzene
 Concen: 52.683 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 1475637

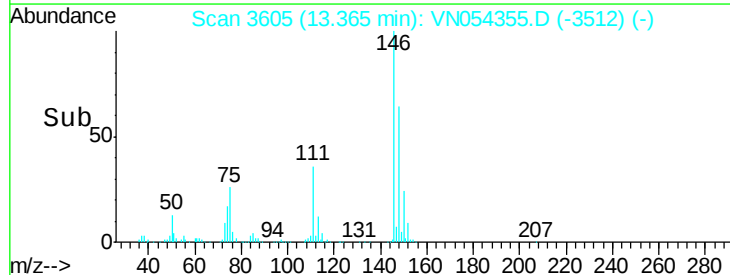
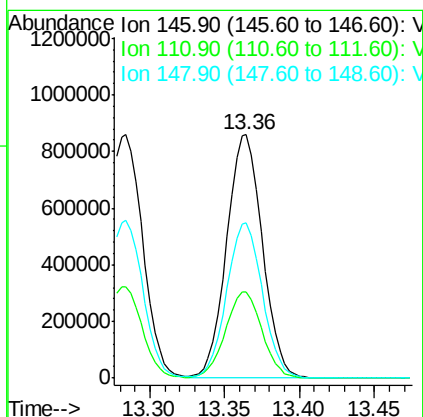
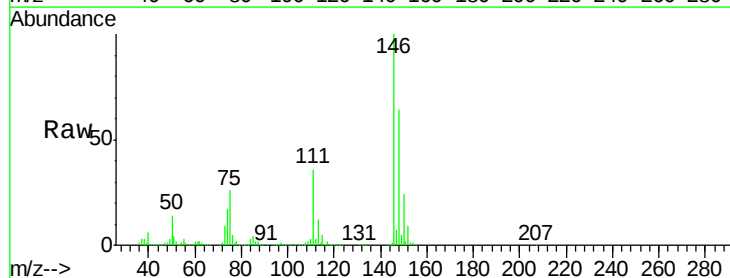
Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.2	32.2	96.6

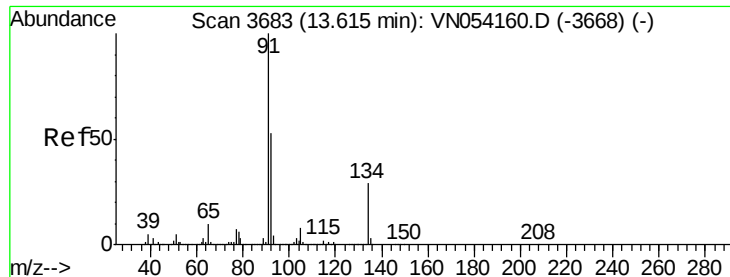


#88
 1,4-Dichlorobenzene
 Concen: 52.007 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Tgt Ion:146 Resp: 1431013

Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	63.8	32.0	96.0

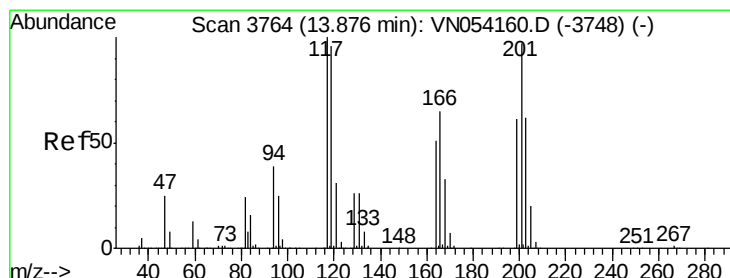
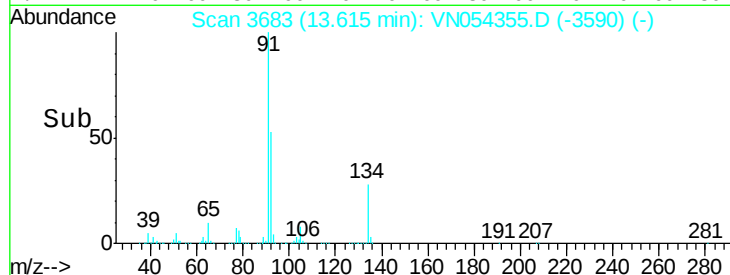
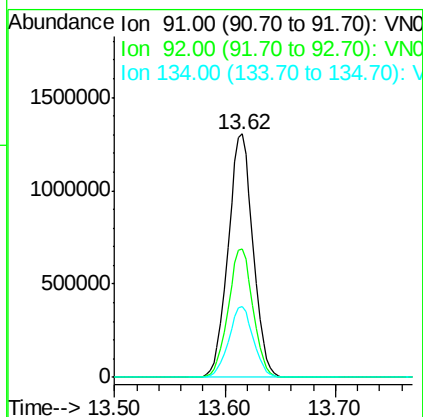
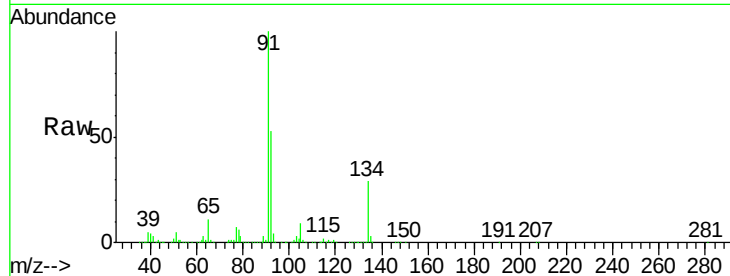




#89
n-Butylbenzene
Concen: 48.938 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

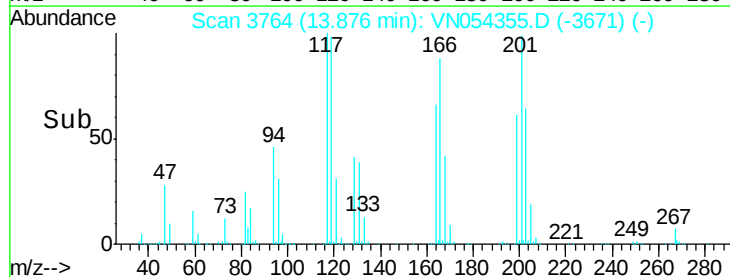
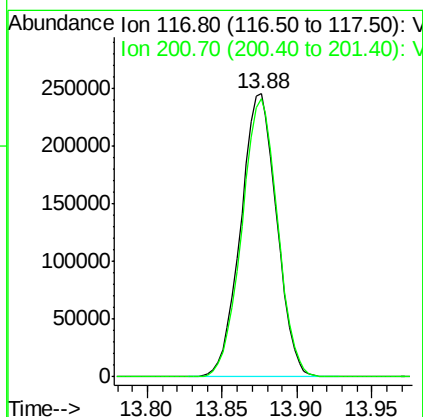
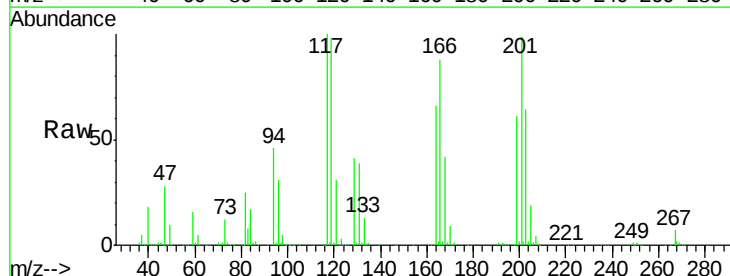
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2034614
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 28.7 14.3 42.9



#90
Hexachloroethane
Concen: 45.304 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion: 117 Resp: 410480
Ion Ratio Lower Upper
117 100
201 97.6 48.1 144.4

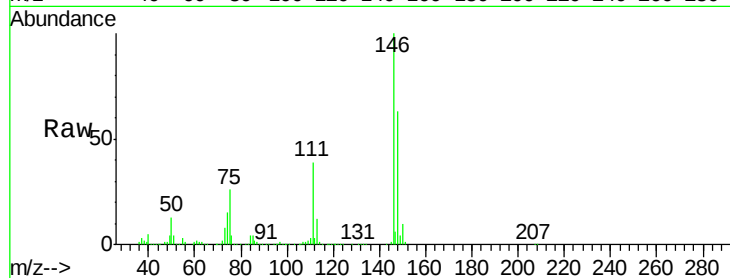




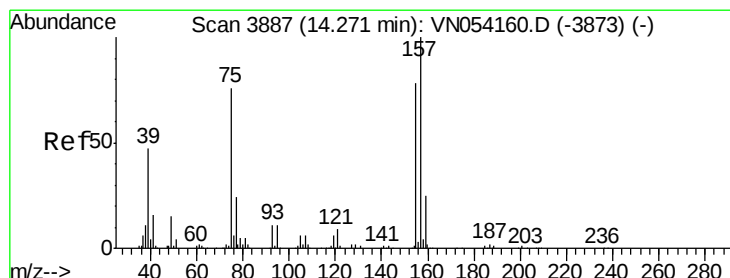
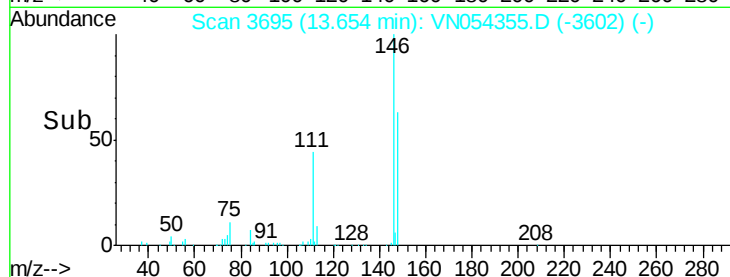
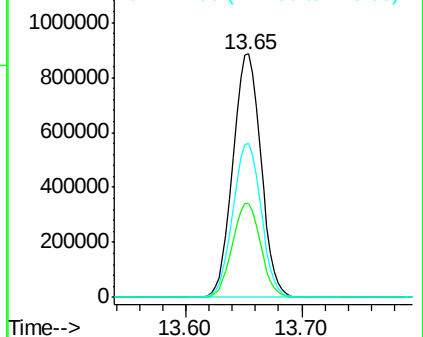
#91
 1,2-Dichlorobenzene
 Concen: 53.994 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 1478452
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.3
 148 63.7 32.4 97.0

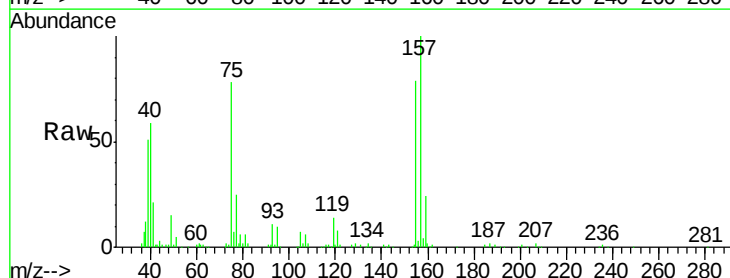


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

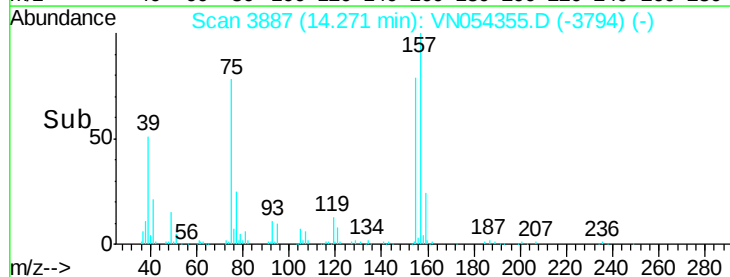
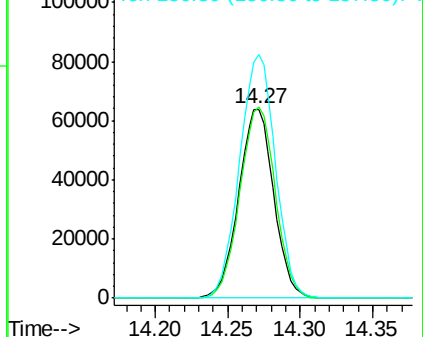


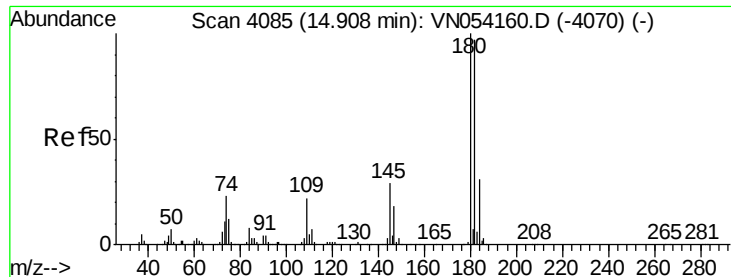
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.982 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN054355.D
 Acq: 17 Mar 2019 00:03

Tgt Ion: 75 Resp: 107657
 Ion Ratio Lower Upper
 75 100
 155 101.6 50.1 150.3
 157 131.3 63.1 189.3



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





#93

1,2,4-Trichlorobenzene

Concen: 46.135 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

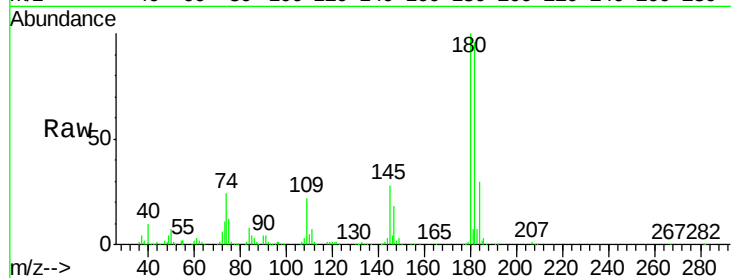
Tot Ion:180 Resp: 759278

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.2

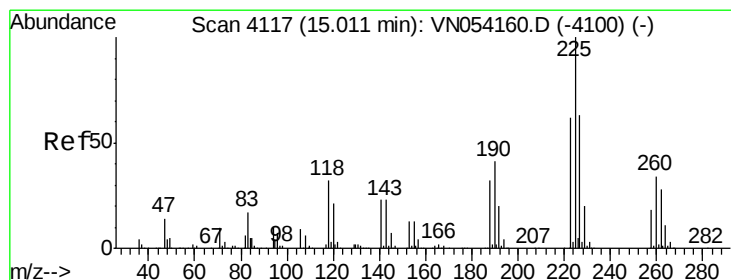
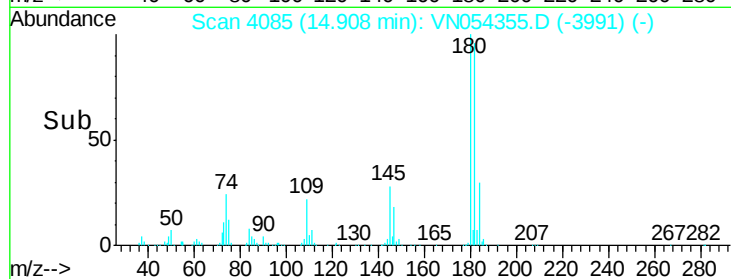
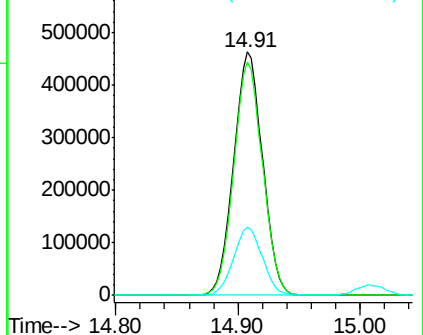
145 27.9 14.2 42.8



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: 43.857 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN054355.D

Acq: 17 Mar 2019 00:03

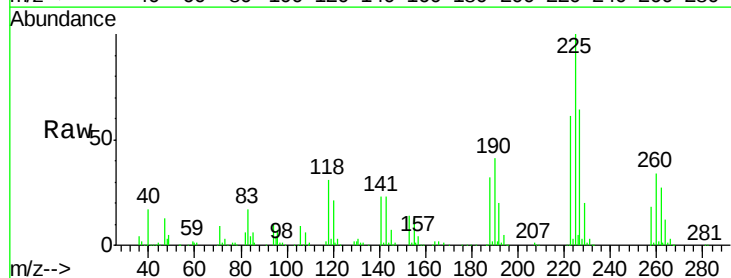
Tgt Ion:225 Resp: 457414

Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.5

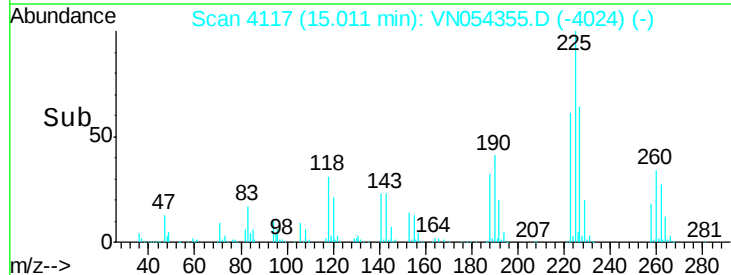
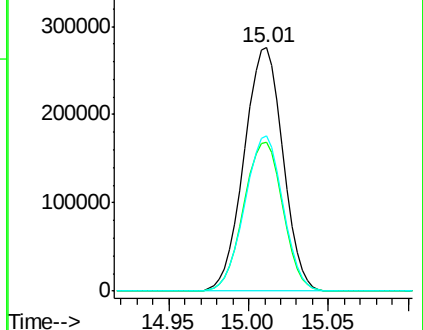
227 62.8 31.9 95.9

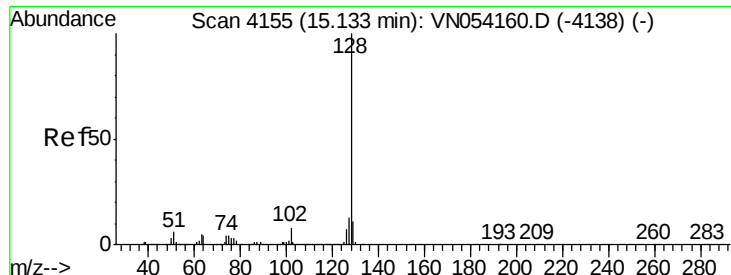


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

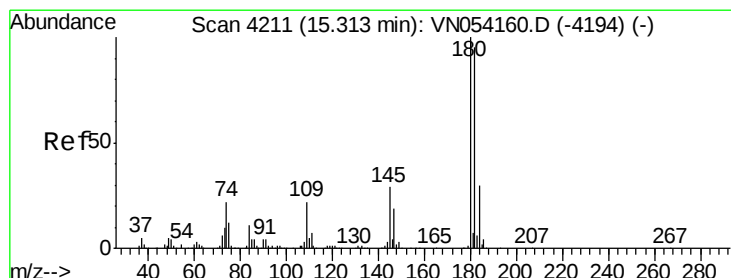
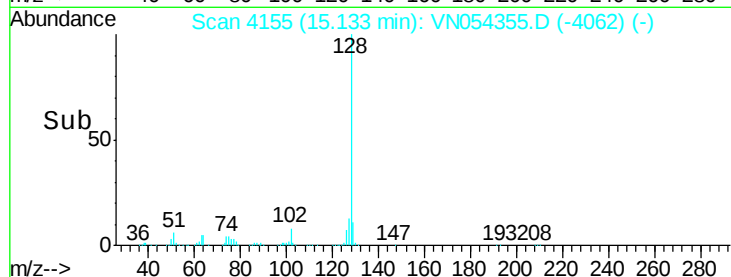
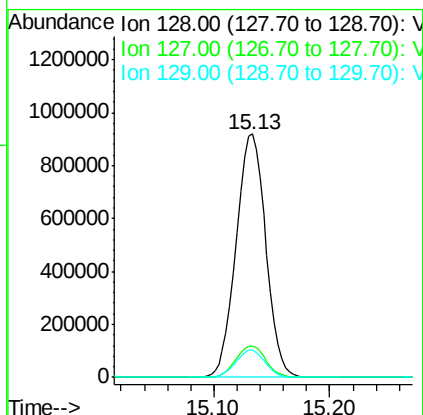
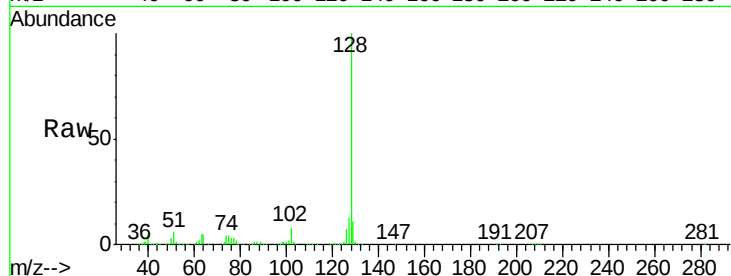




#95
Naphthalene
Concen: 47.399 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1625597
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.703 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054355.D
Acq: 17 Mar 2019 00:03

Tgt Ion:180 Resp: 766755
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.6
145 29.4 14.8 44.3

