

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055317.D
 Acq On : 1 May 2019 9:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 02 01:46:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	403820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	627293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	228313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	249484	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	7.59	113	200615	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.09	98	729636	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.40	95	247466	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	241127	48.736	ug/l	98
3) Chloromethane	2.06	50	276445	45.123	ug/l	99
4) Vinyl Chloride	2.19	62	225314	45.625	ug/l	99
5) Bromomethane	2.56	94	118420	45.270	ug/l	100
6) Chloroethane	2.70	64	119336	44.607	ug/l	99
7) Trichlorofluoromethane	3.02	101	327167	46.590	ug/l	100
8) Diethyl Ether	3.41	74	113057	46.017	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	194874	46.602	ug/l	98
10) Methyl Iodide	3.95	142	280473	47.659	ug/l	100
11) Tert butyl alcohol	4.78	59	67831	224.265	ug/l	99
12) 1,1-Dichloroethene	3.74	96	186295	46.701	ug/l	99
13) Acrolein	3.61	56	53334	225.791	ug/l	98
14) Allyl chloride	4.32	41	384024	46.482	ug/l	100
15) Acrylonitrile	4.99	53	398804	234.578	ug/l	100
16) Acetone	3.82	43	417663	253.732	ug/l	100
17) Carbon Disulfide	4.05	76	487975	46.874	ug/l	99
18) Methyl Acetate	4.33	43	196363	48.948	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	524136	46.738	ug/l	99
20) Methylene Chloride	4.55	84	216518	43.094	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	194832	46.117	ug/l	96
22) Diisopropyl ether	5.95	45	790695	48.168	ug/l	100
23) Vinyl Acetate	5.90	43	2650926	246.401	ug/l	100
24) 1,1-Dichloroethane	5.85	63	406081	46.429	ug/l	99
25) 2-Butanone	6.83	43	520318	247.168	ug/l	100
26) 2,2-Dichloropropane	6.82	77	284858	47.165	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	227354	47.323	ug/l	98
28) Bromochloromethane	7.19	49	205216	46.548	ug/l	99
29) Tetrahydrofuran	7.21	42	319318	236.889	ug/l	99
30) Chloroform	7.37	83	383691	46.278	ug/l	100
31) Cyclohexane	7.65	56	371097	44.658	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	317363	47.164	ug/l	98
36) 1,1-Dichloropropene	7.79	75	288310	47.984	ug/l	99
37) Ethyl Acetate	6.93	43	211976	46.032	ug/l	99
38) Carbon Tetrachloride	7.77	117	273375	47.166	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	314707	49.263	ug/l	98
40) Benzene	8.04	78	858627	48.475	ug/l	99
41) Methacrylonitrile	7.18	41	128923	51.703	ug/l #	91
42) 1,2-Dichloroethane	8.12	62	295974	47.179	ug/l	99
43) Isopropyl Acetate	8.16	43	371311	50.174	ug/l #	86
44) Trichloroethene	8.83	130	212784	47.123	ug/l	100
45) 1,2-Dichloropropane	9.12	63	246528	48.257	ug/l	98
46) Dibromomethane	9.21	93	134168	48.048	ug/l	99
47) Bromodichloromethane	9.40	83	294962	49.238	ug/l	97
48) Methyl methacrylate	9.20	41	172968	47.543	ug/l	96
49) 1,4-Dioxane	9.20	88	39474	1049.607	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1030960	247.434	ug/l	99
52) Toluene	10.16	92	504604	49.651	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	276571	53.183	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	336020	51.824	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	185746	49.218	ug/l	98
56) Ethyl methacrylate	10.43	69	235310	50.657	ug/l	100
57) 1,3-Dichloropropane	10.71	76	328907	49.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	341451	237.507	ug/l	99
59) 2-Hexanone	10.75	43	674551	258.747	ug/l	98
60) Dibromochloromethane	10.90	129	197073	51.093	ug/l	97
61) 1,2-Dibromoethane	11.00	107	175521	50.318	ug/l	100
64) Tetrachloroethene	10.63	164	210362	47.674	ug/l	98
65) Chlorobenzene	11.43	112	512811	48.610	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	193498	46.843	ug/l	98
67) Ethyl Benzene	11.51	91	951604	49.953	ug/l	99
68) m/p-Xylenes	11.62	106	702181	103.265	ug/l	98
69) o-Xylene	11.95	106	343769	51.006	ug/l	99
70) Styrene	11.96	104	568308	54.918	ug/l	100
71) Bromoform	12.13	173	122564	53.472	ug/l #	98
73) Isopropylbenzene	12.25	105	920712	50.727	ug/l	100
74) N-amyl acetate	12.07	43	279083	47.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	219871	48.510	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	266644	63.512	ug/l #	100
77) Bromobenzene	12.52	156	219655	50.454	ug/l	99
78) n-propylbenzene	12.59	91	1035896	44.170	ug/l	100
79) 2-Chlorotoluene	12.67	91	635973	51.476	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	790494	44.164	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56689	47.054	ug/l	100
82) 4-Chlorotoluene	12.77	91	620915	45.535	ug/l	99
83) tert-Butylbenzene	12.99	119	658434	52.093	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	754740	47.148	ug/l	99
85) sec-Butylbenzene	13.17	105	860720	44.243	ug/l	99
86) p-Isopropyltoluene	13.29	119	751929	47.025	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	371136	48.578	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	355976	49.477	ug/l	99
89) n-Butylbenzene	13.61	91	605155	53.260	ug/l	100
90) Hexachloroethane	13.87	117	125137	49.407	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	362309	47.848	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31021	51.645	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

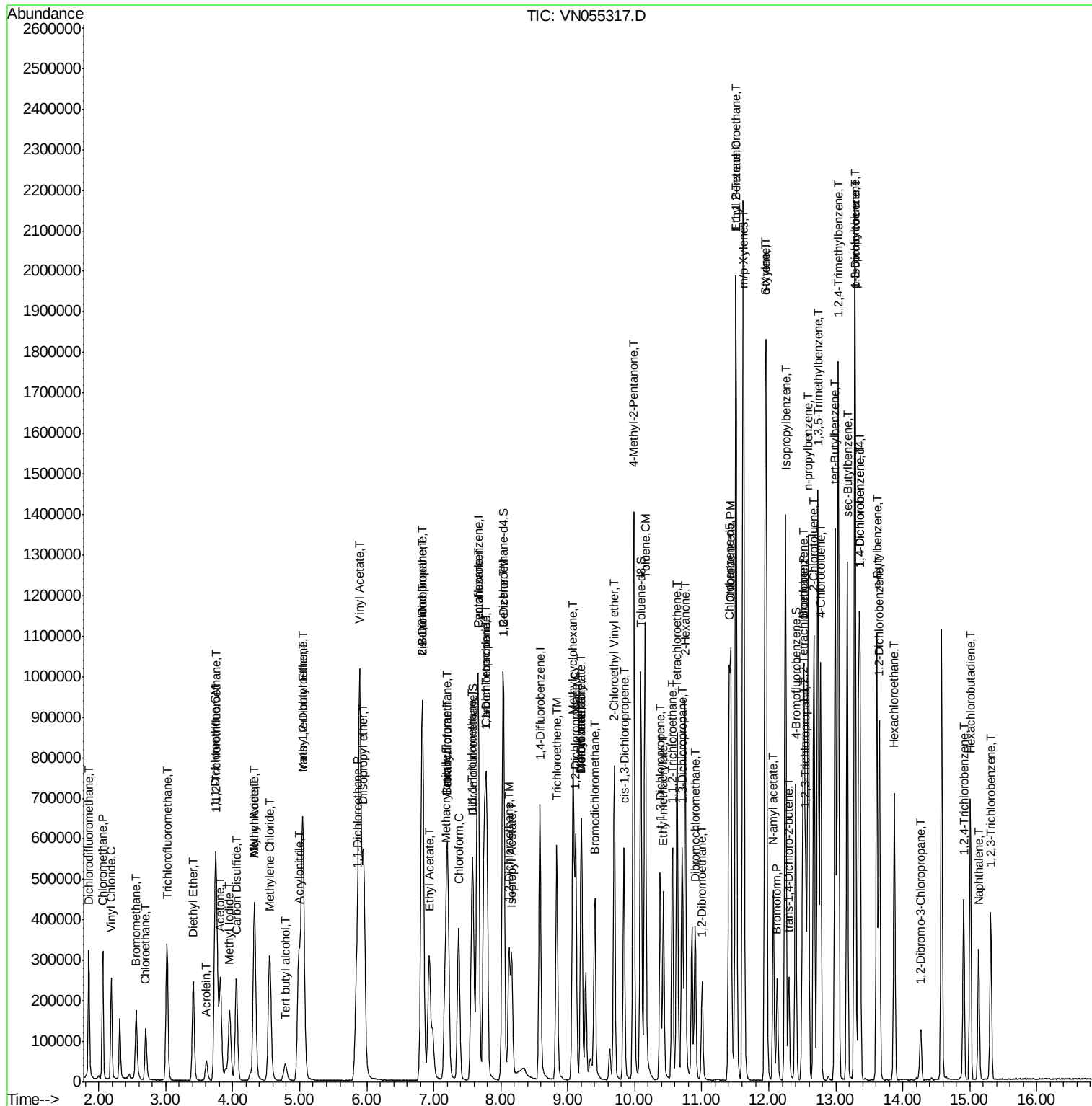
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	141269	47.500	ug/l	97
94) Hexachlorobutadiene	15.01	225	135233	59.906	ug/l	98
95) Naphthalene	15.13	128	266314	42.500	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142542	48.565	ug/l	98

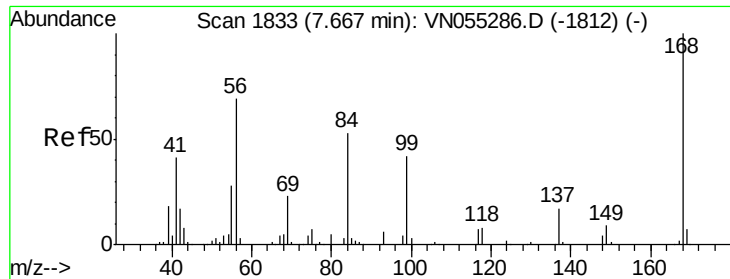
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050119\
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 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: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

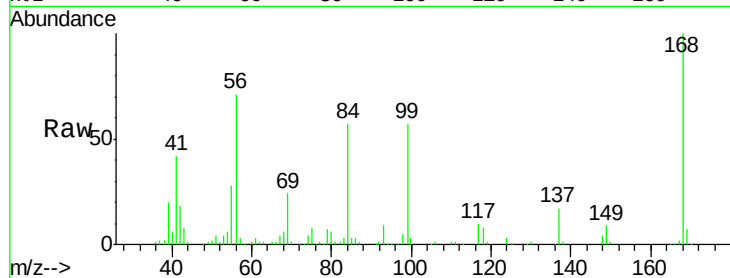
VSTDCCC050

Tot Ion:168 Resp: 403820

Ion Ratio Lower Upper

168 100

99 56.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

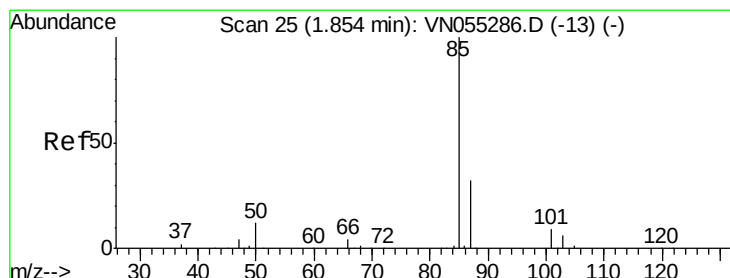
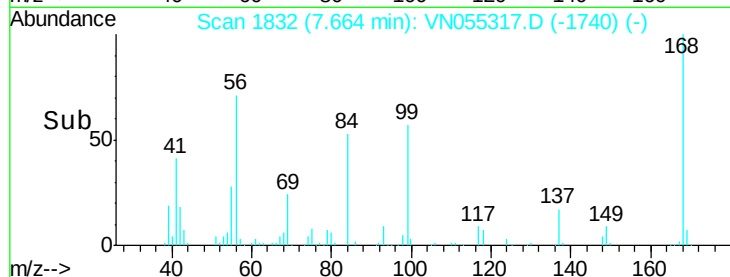
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 48.736 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055317.D

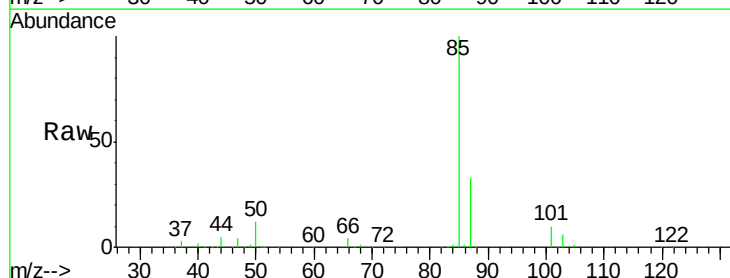
Acq: 1 May 2019 9:47

Tgt Ion: 85 Resp: 241127

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

200000

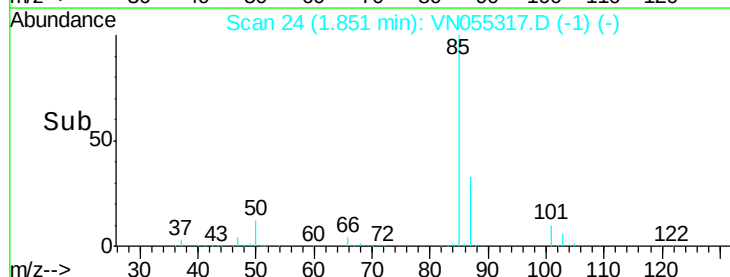
150000

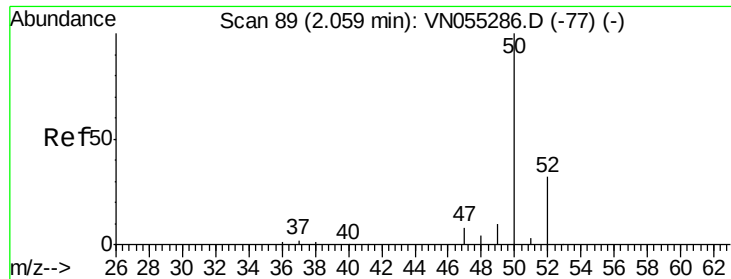
100000

50000

0

Time--> 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 45.123 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

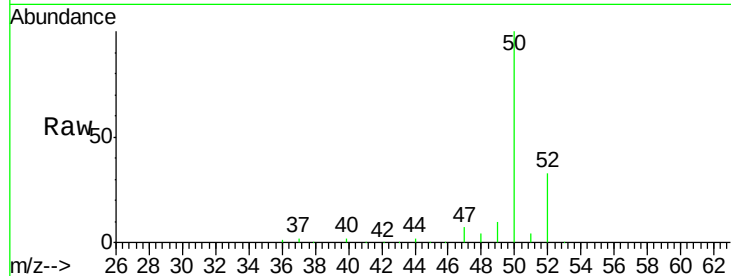
VSTDCCC050

Tot Ion: 50 Resp: 276445

Ion Ratio Lower Upper

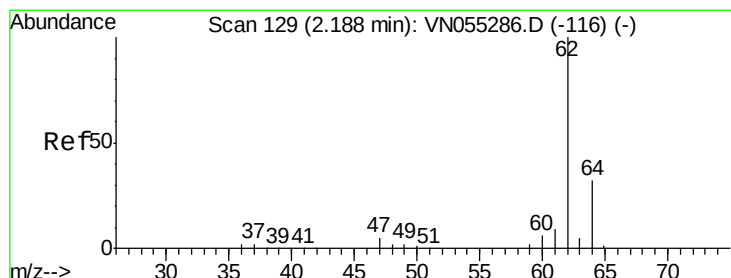
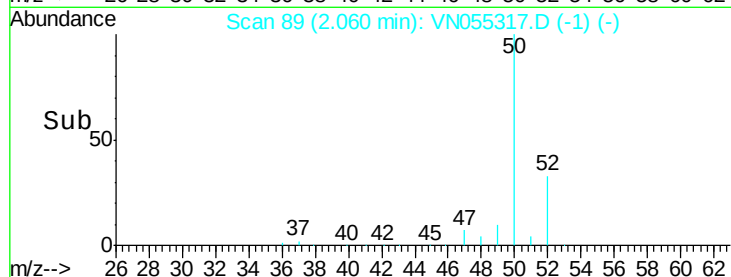
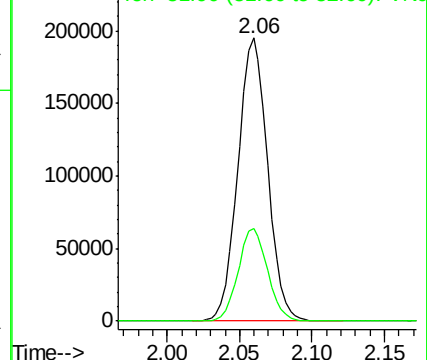
50 100

52 32.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 45.625 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055317.D

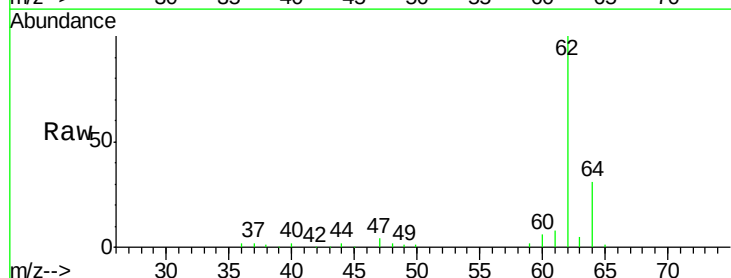
Acq: 1 May 2019 9:47

Tgt Ion: 62 Resp: 225314

Ion Ratio Lower Upper

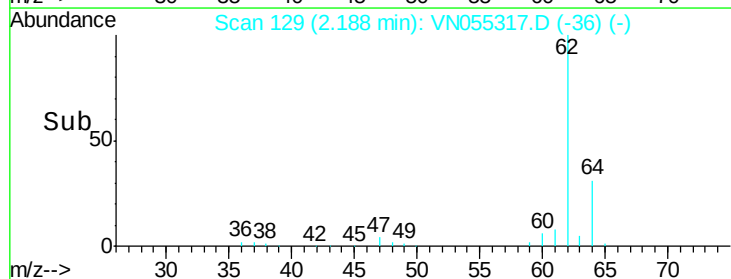
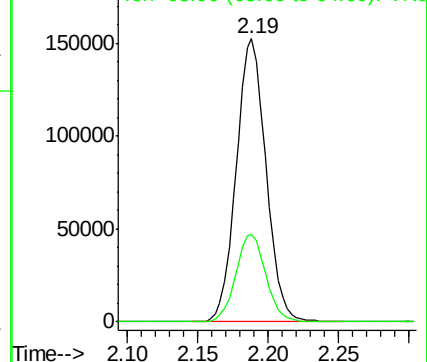
62 100

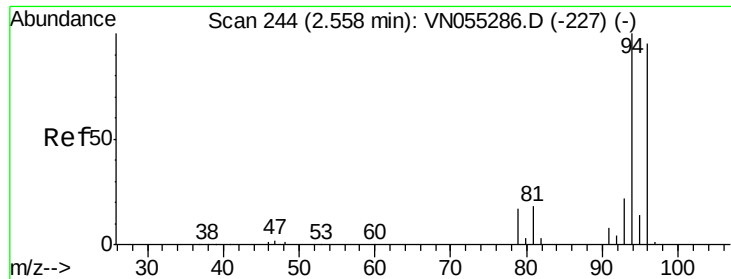
64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

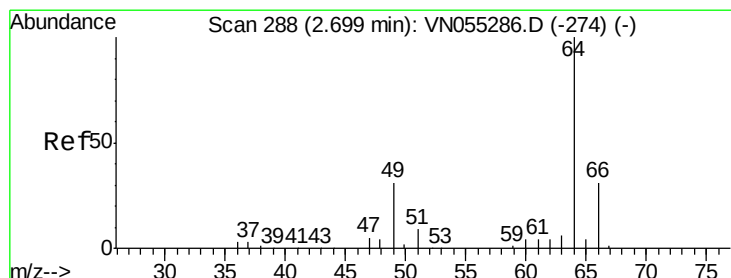
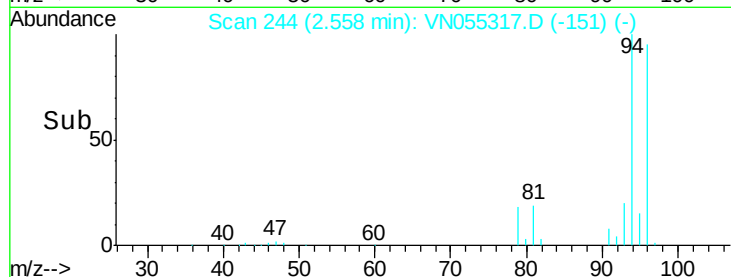
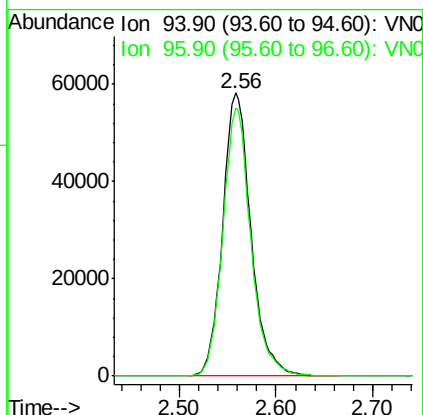
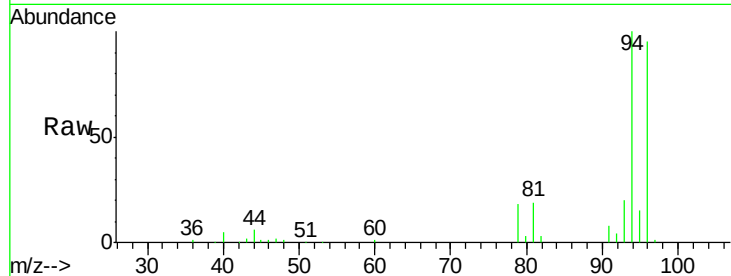




#5
Bromomethane
Concen: 45.270 ug/l
RT: 2.56 min Scan# 244
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

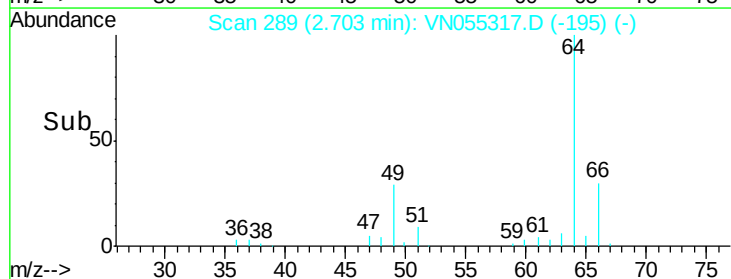
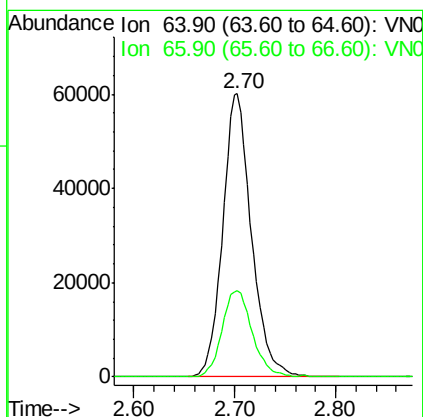
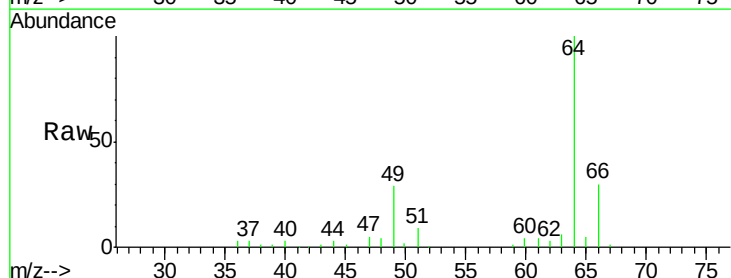
Instrument :
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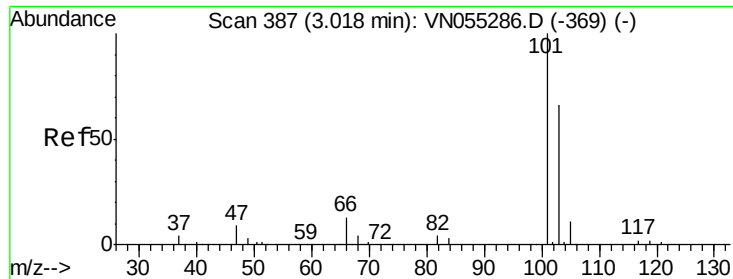
Tot Ion: 94 Resp: 118420
Ion Ratio Lower Upper
94 100
96 94.7 76.0 114.0



#6
Chloroethane
Concen: 44.607 ug/l
RT: 2.70 min Scan# 289
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 64 Resp: 119336
Ion Ratio Lower Upper
64 100
66 30.4 25.0 37.4



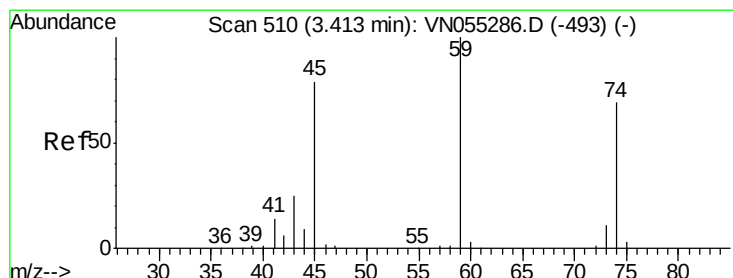
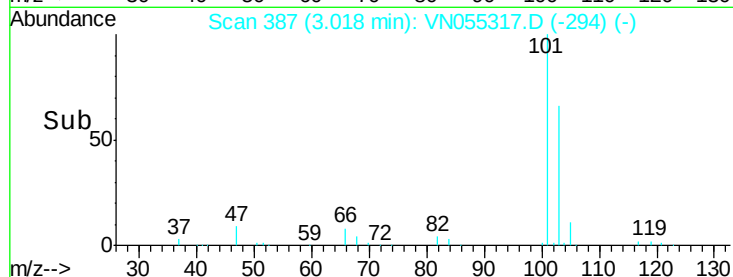
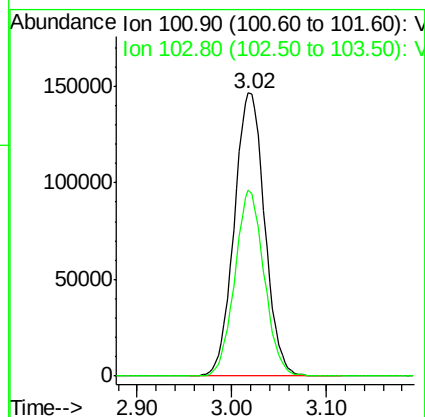
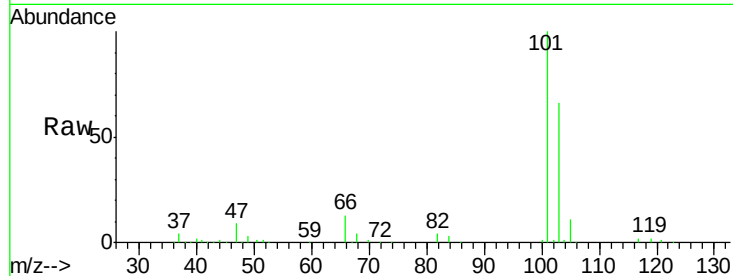


#7

Trichlorofluoromethane
Concen: 46.590 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

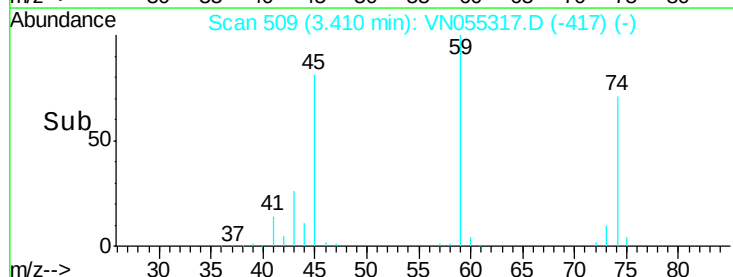
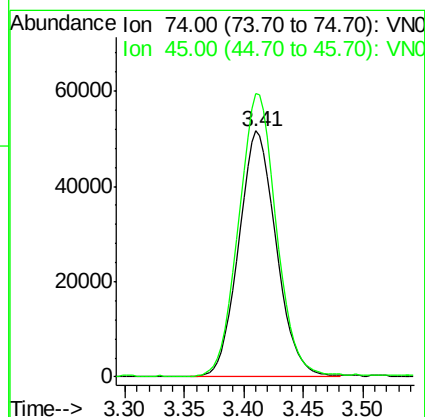
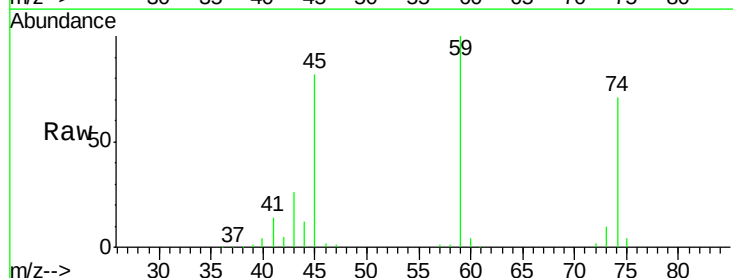
Tot Ion:101 Resp: 327167
Ion Ratio Lower Upper
101 100
103 65.7 52.6 79.0

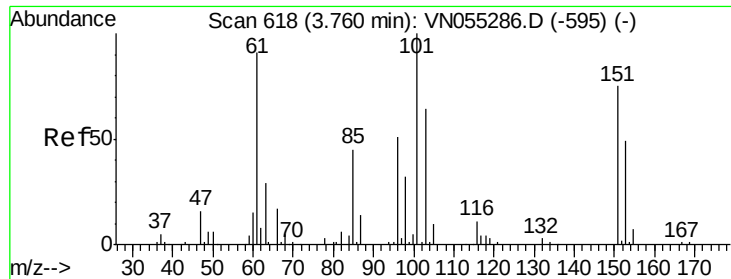


#8

Diethyl Ether
Concen: 46.017 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 74 Resp: 113057
Ion Ratio Lower Upper
74 100
45 116.2 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.602 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

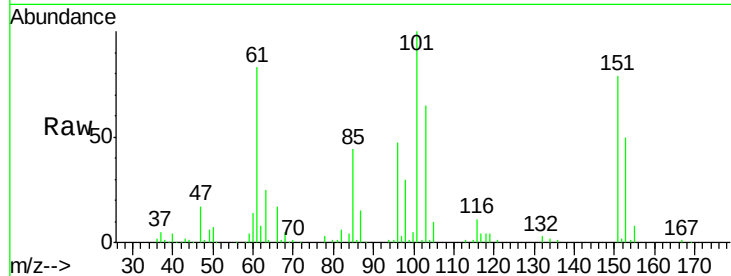
Tot Ion:101 Resp: 194874

Ion Ratio Lower Upper

101 100

85 45.6 35.7 53.5

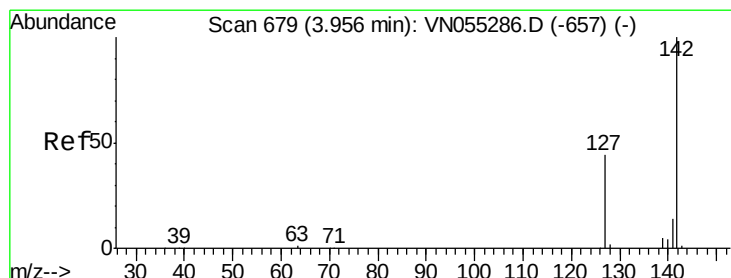
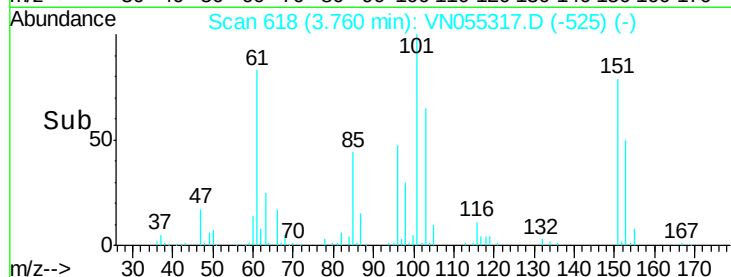
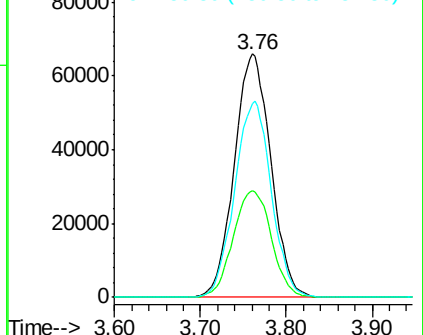
151 80.6 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.659 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

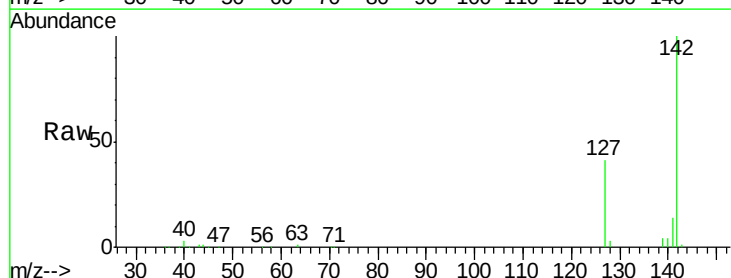
Tgt Ion:142 Resp: 280473

Ion Ratio Lower Upper

142 100

127 42.8 34.4 51.6

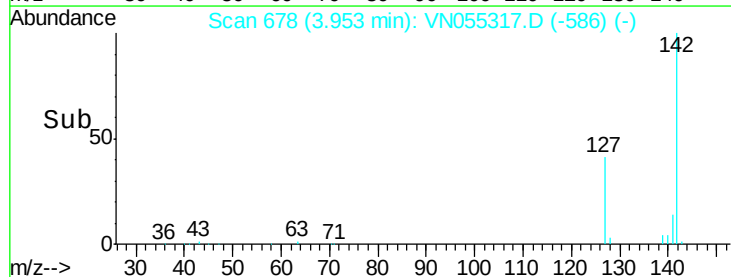
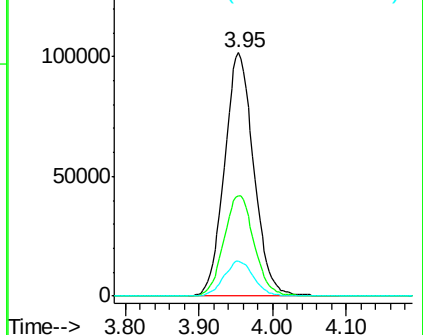
141 14.6 11.5 17.3

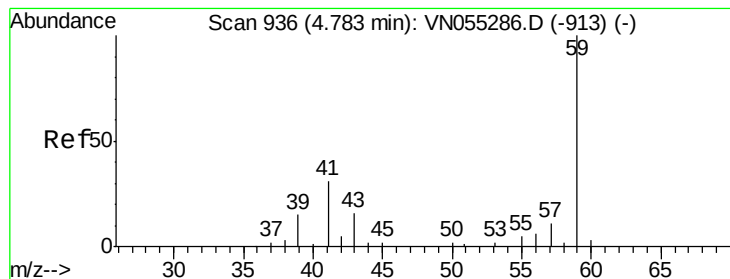


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



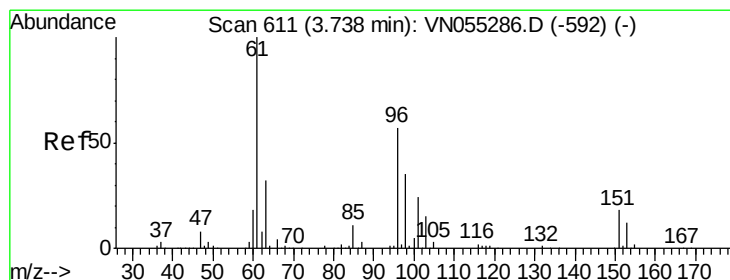
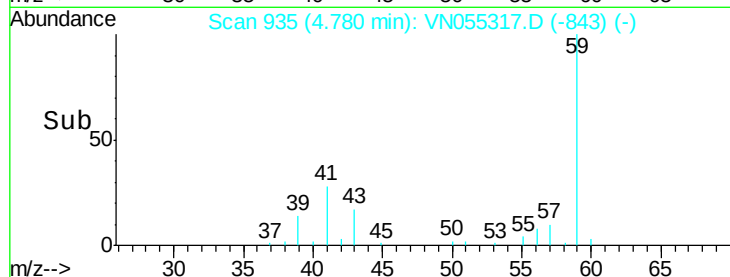
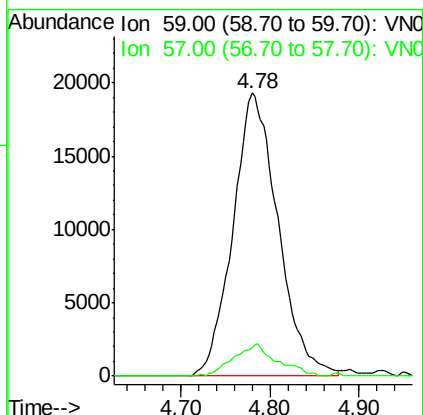
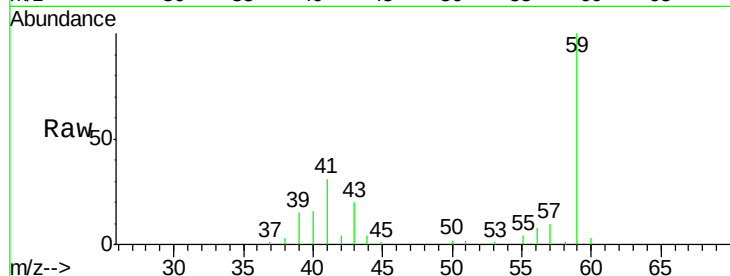


#11

Tert butyl alcohol
 Concen: 224.265 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

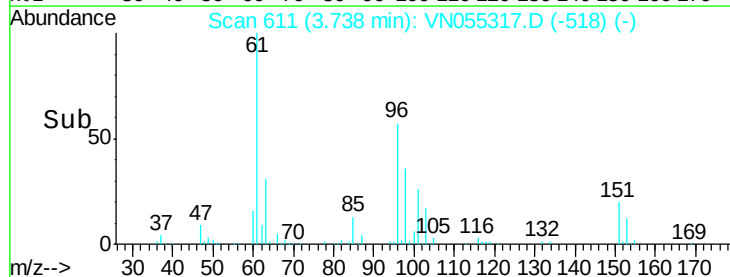
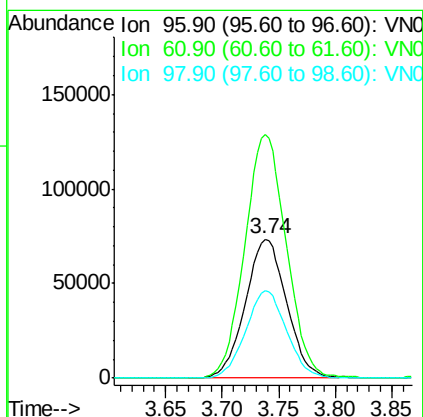
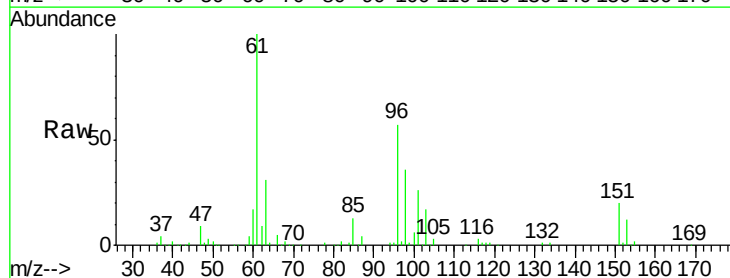
Tot Ion: 59 Resp: 67831
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.2

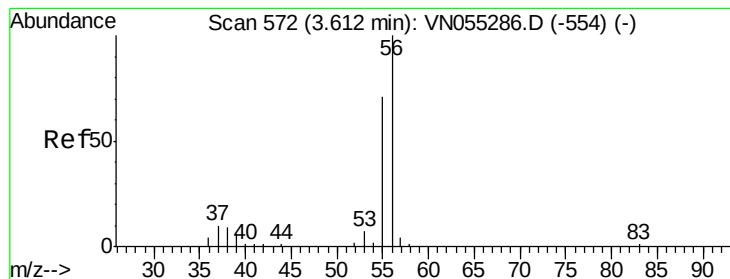


#12

1,1-Dichloroethene
 Concen: 46.701 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Tgt Ion: 96 Resp: 186295
 Ion Ratio Lower Upper
 96 100
 61 175.0 140.9 211.3
 98 62.7 50.0 75.0





#13

Acrolein

Concen: 225.791 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

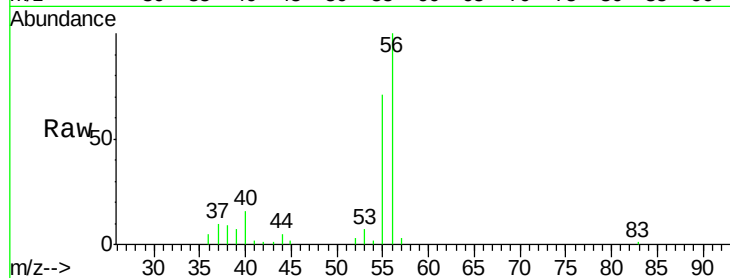
VSTDCCC050

Tot Ion: 56 Resp: 53334

Ion Ratio Lower Upper

56 100

55 73.4 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN055317.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN055317.D (-554) (-)

3.61

20000

15000

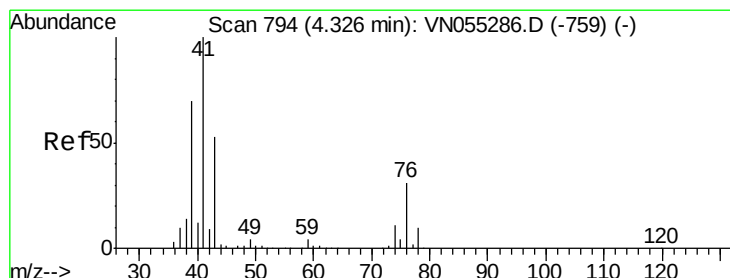
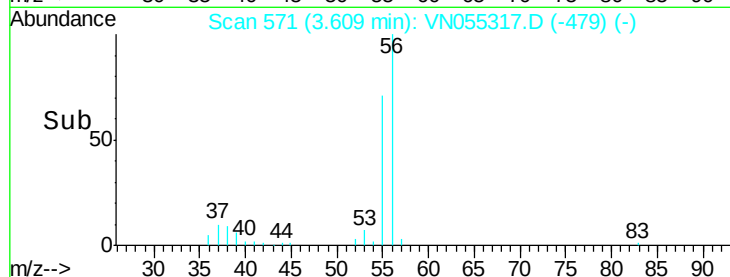
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 46.482 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

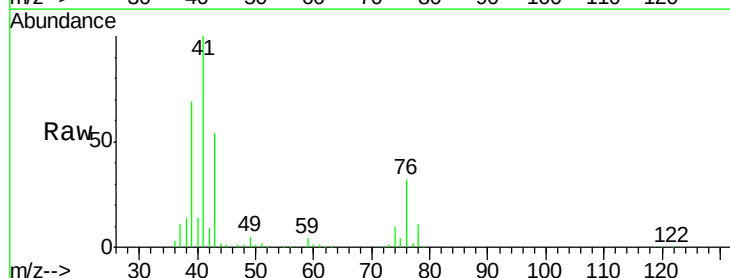
Tgt Ion: 41 Resp: 384024

Ion Ratio Lower Upper

41 100

39 66.2 53.0 79.6

76 28.6 22.7 34.1



Abundance Ion 41.00 (40.70 to 41.70): VN055317.D (-701) (-)

Ion 39.00 (38.70 to 39.70): VN055317.D (-701) (-)

Ion 75.90 (75.60 to 76.60): VN055317.D (-701) (-)

4.32

150000

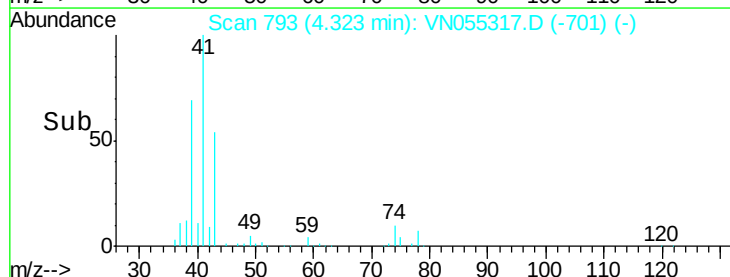
100000

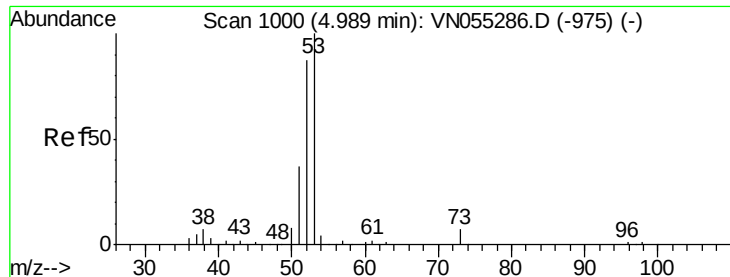
50000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 234.578 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

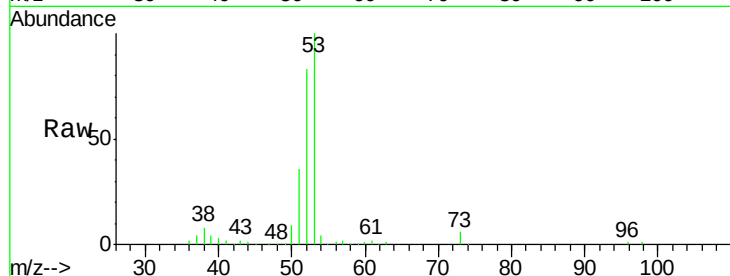
Tot Ion: 53 Resp: 398804

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

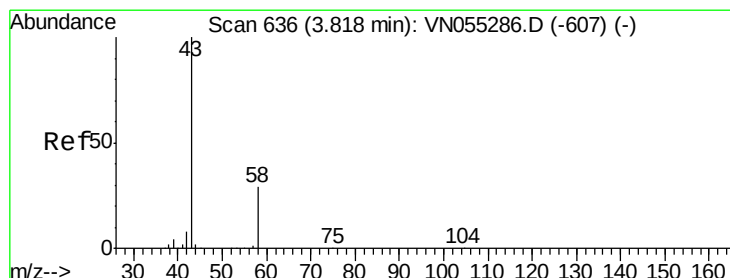
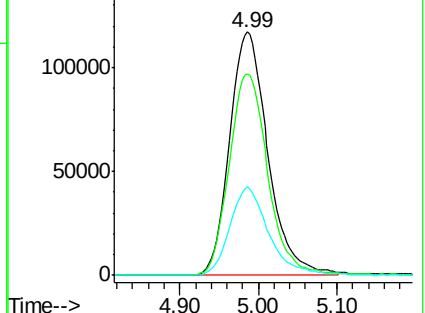
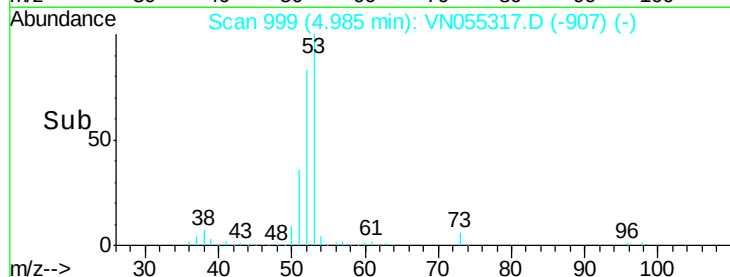
51 36.5 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN055317.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055317.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055317.D (-907) (-)



#16

Acetone

Concen: 253.732 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN055317.D

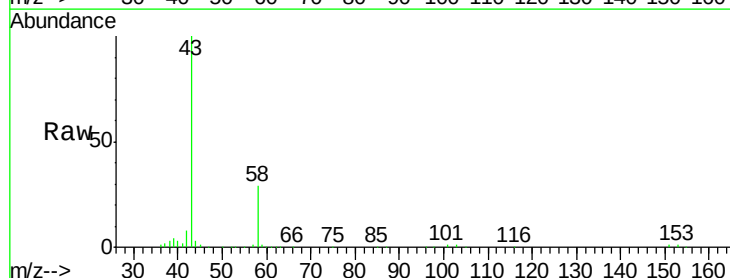
Acq: 1 May 2019 9:47

Tgt Ion: 43 Resp: 417663

Ion Ratio Lower Upper

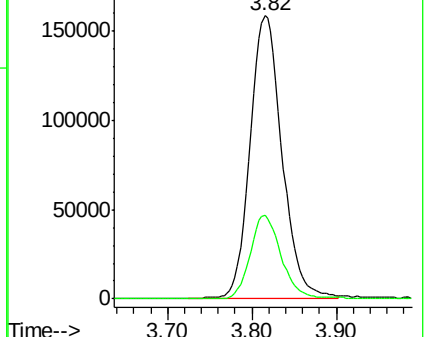
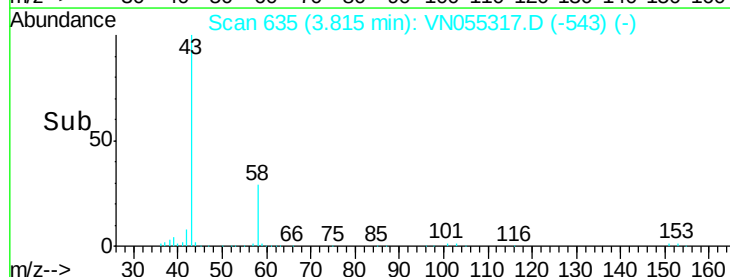
43 100

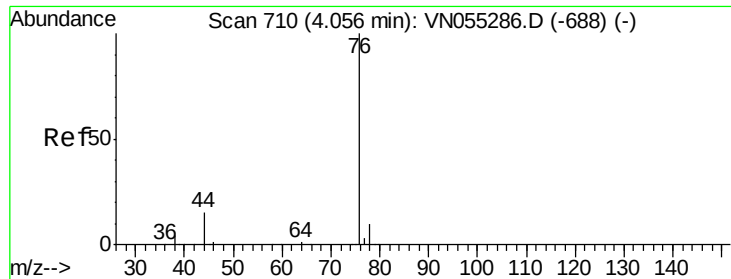
58 29.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055317.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055317.D (-543) (-)





#17

Carbon Disulfide

Concen: 46.874 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

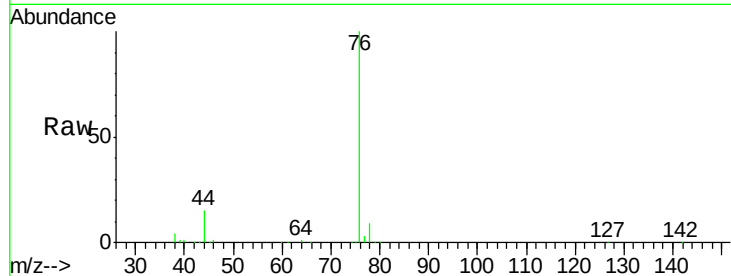
VSTDCCC050

Tot Ion: 76 Resp: 487975

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.05

200000

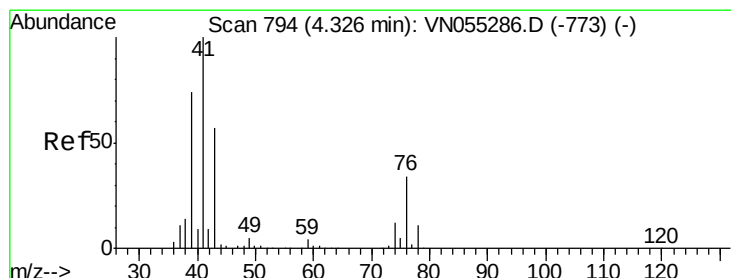
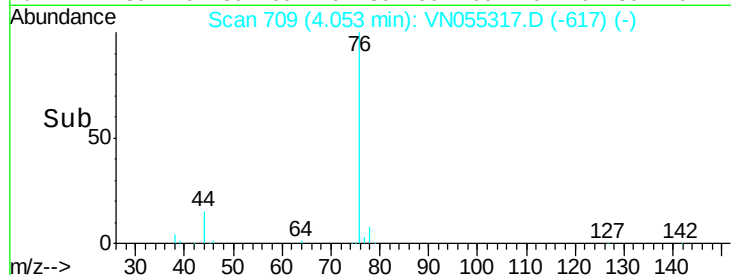
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.948 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055317.D

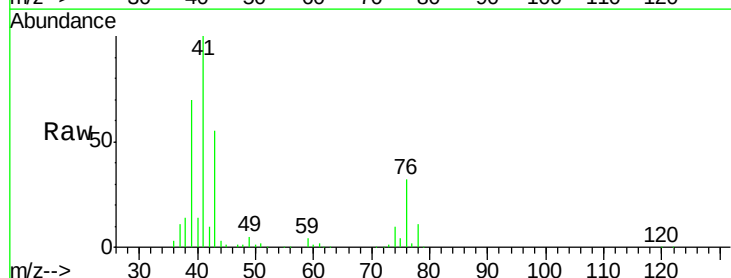
Acq: 1 May 2019 9:47

Tgt Ion: 43 Resp: 196363

Ion Ratio Lower Upper

43 100

74 19.5 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.33

80000

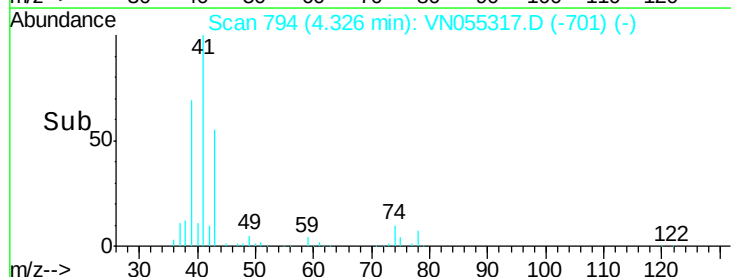
60000

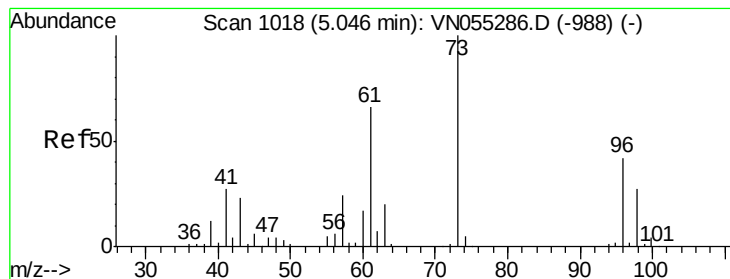
40000

20000

0

Time-->





#19

Methvl tert-butvl Ether

Concen: 46.738 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

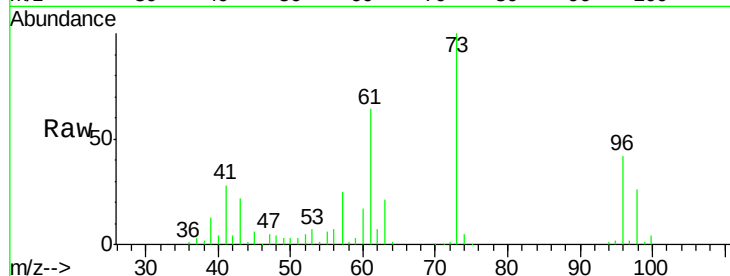
VSTDCCC050

Tot Ion: 73 Resp: 524136

Ion Ratio Lower Upper

73 100

57 24.6 19.1 28.7



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

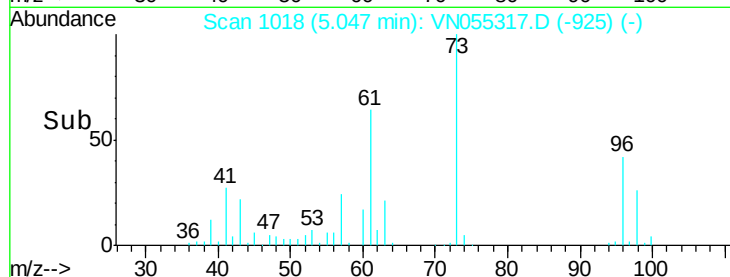
150000

100000

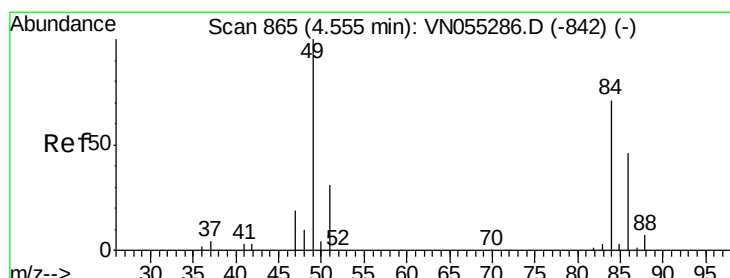
50000

0

Time-->



Time-->



#20

Methylene Chloride

Concen: 43.094 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.01 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Tgt Ion: 84 Resp: 216518

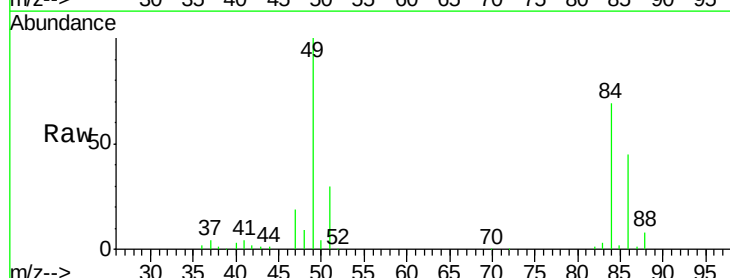
Ion Ratio Lower Upper

84 100

49 144.3 112.4 168.6

51 43.8 34.6 51.8

86 64.7 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

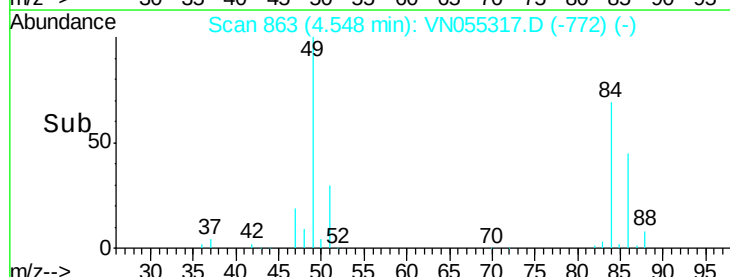
150000

100000

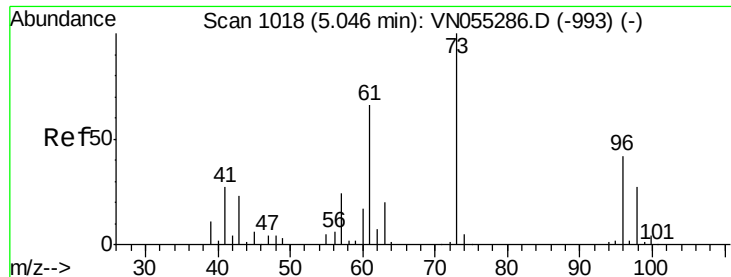
50000

0

Time-->



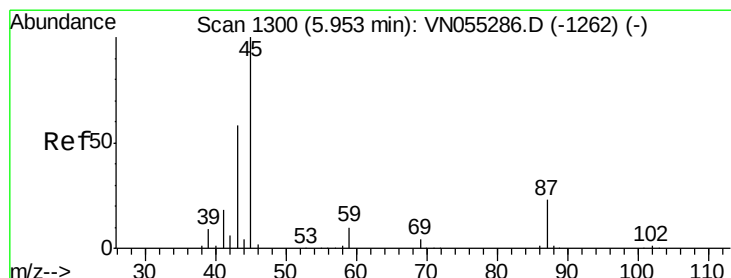
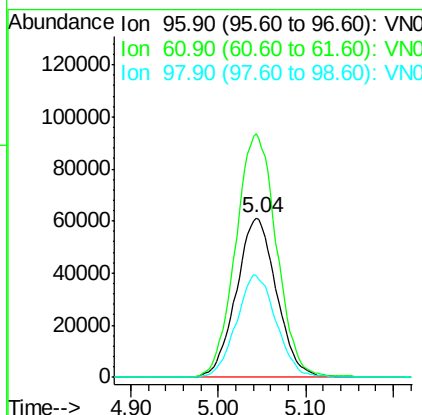
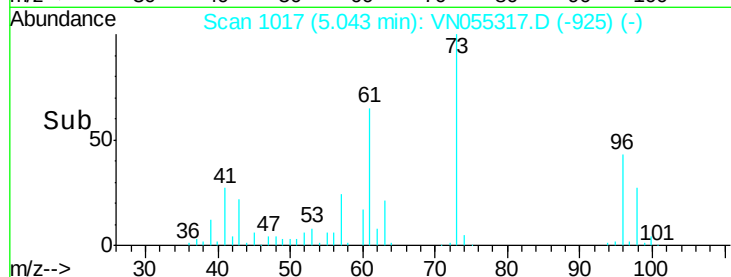
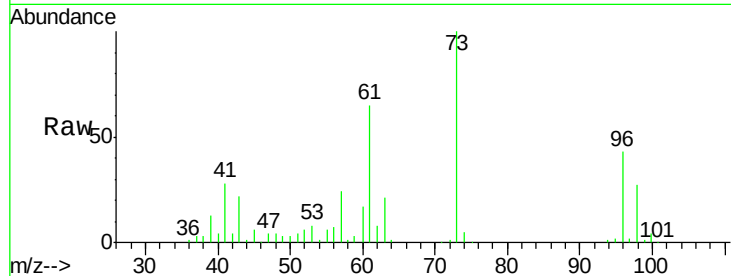
Time-->



#21
trans-1,2-Dichloroethene
Concen: 46.117 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

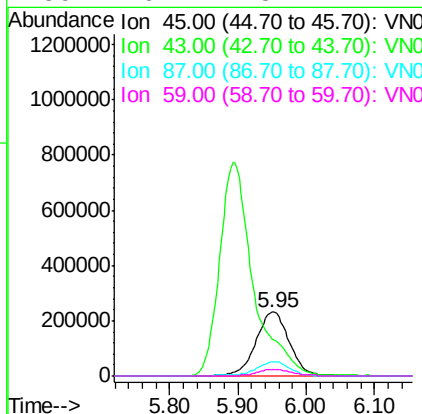
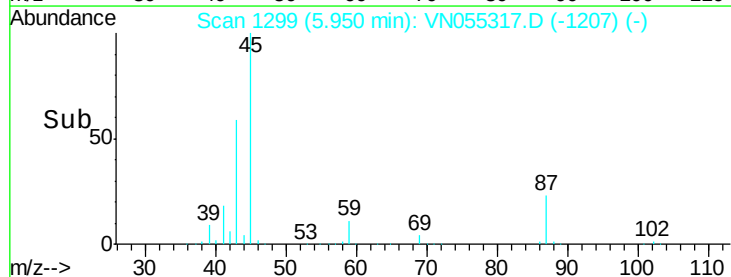
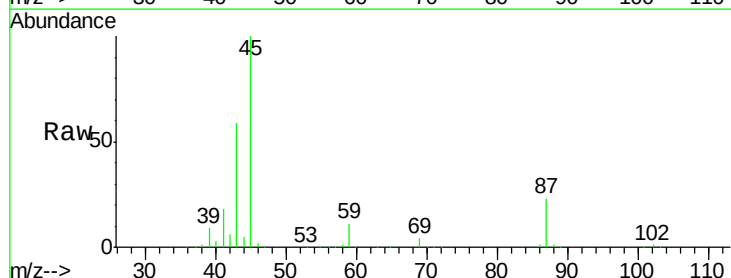
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

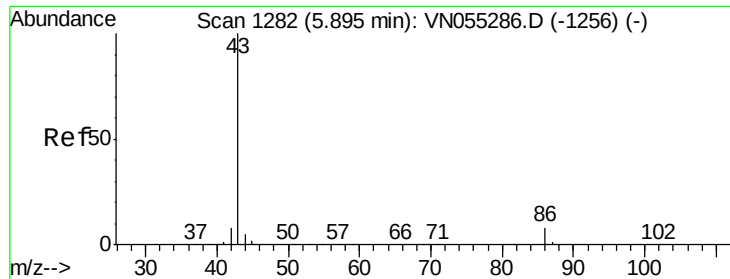
Tot Ion: 96 Resp: 194832
Ion Ratio Lower Upper
96 100
61 152.2 126.2 189.4
98 63.7 52.2 78.2



#22
Diisopropyl ether
Concen: 48.168 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 45 Resp: 790695
Ion Ratio Lower Upper
45 100
43 58.4 46.6 70.0
87 22.5 18.1 27.1
59 10.4 8.2 12.2





#23

Vinyl Acetate

Concen: 246.401 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

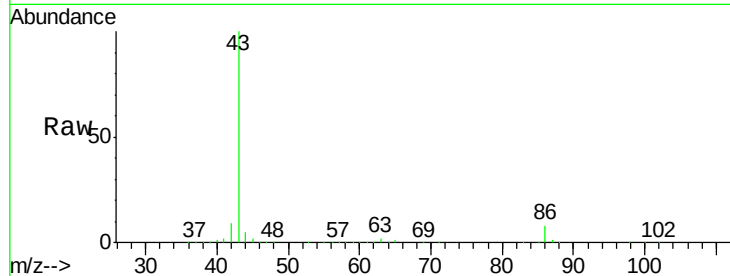
VSTDCCC050

Tot Ion: 43 Resp: 2650926

Ion Ratio Lower Upper

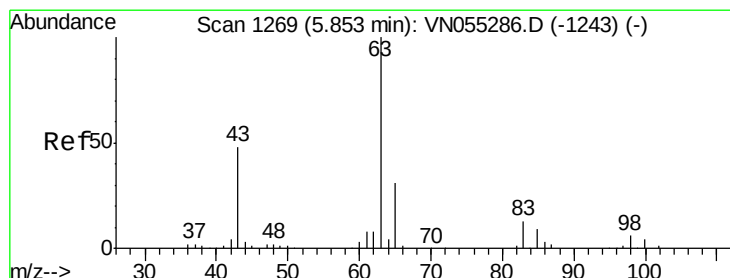
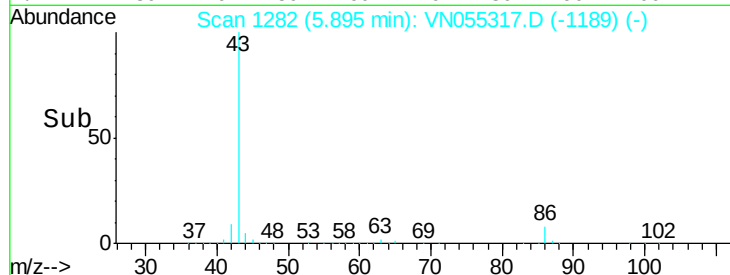
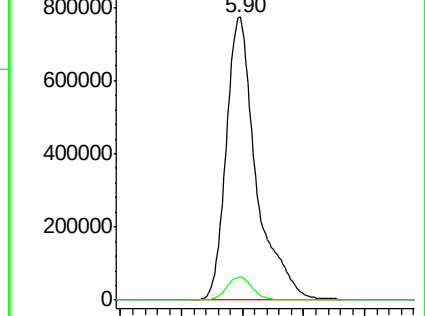
43 100

86 8.2 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.429 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

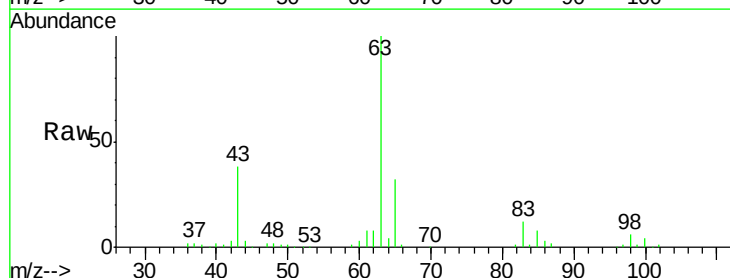
Tgt Ion: 63 Resp: 406081

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.0

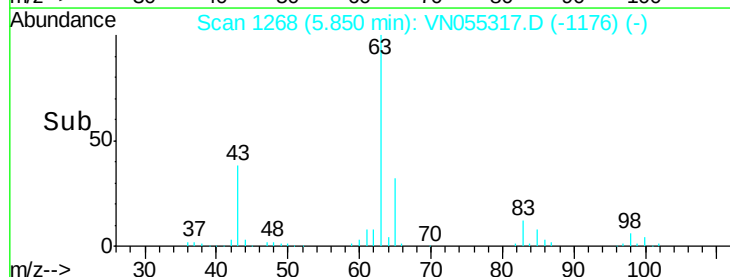
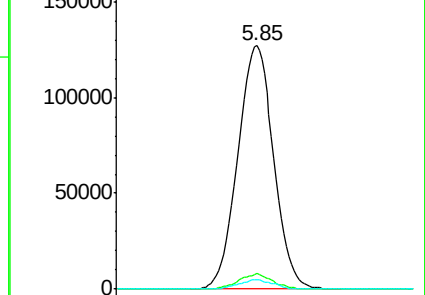
100 3.9 1.8 5.4

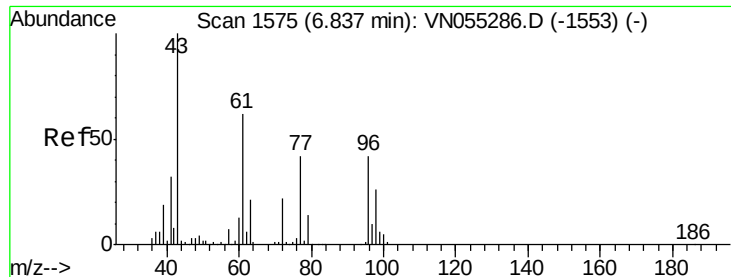


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

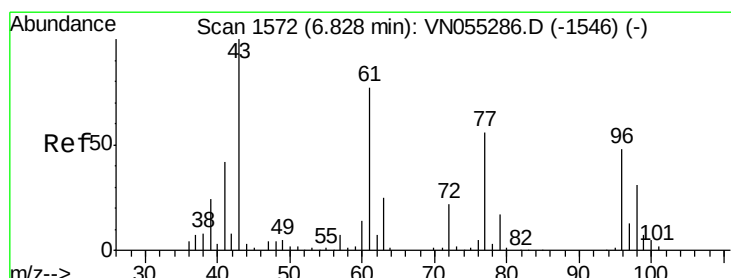
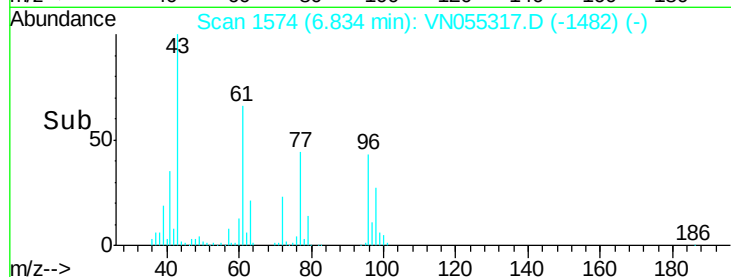
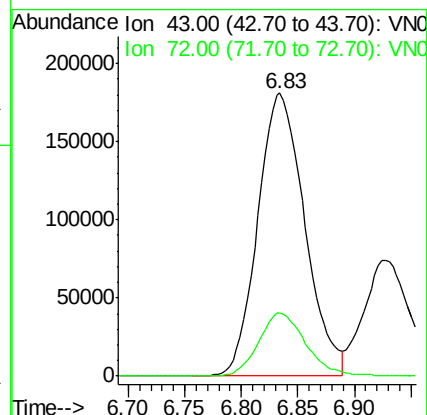
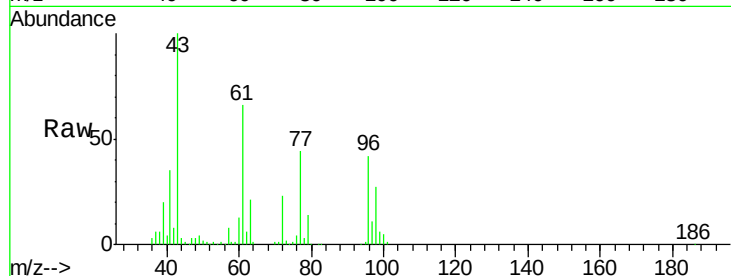




#25
2-Butanone
Concen: 247.168 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

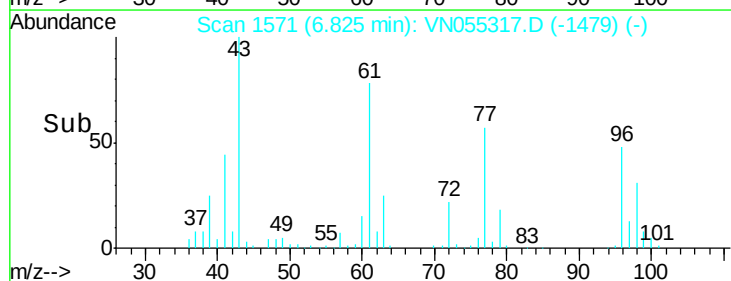
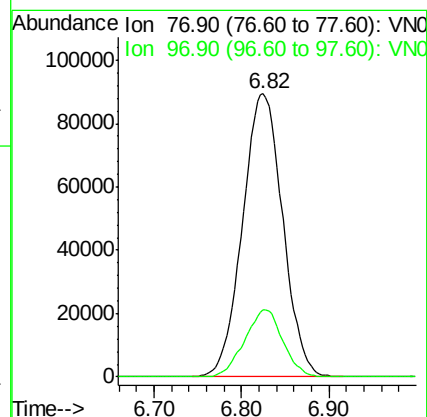
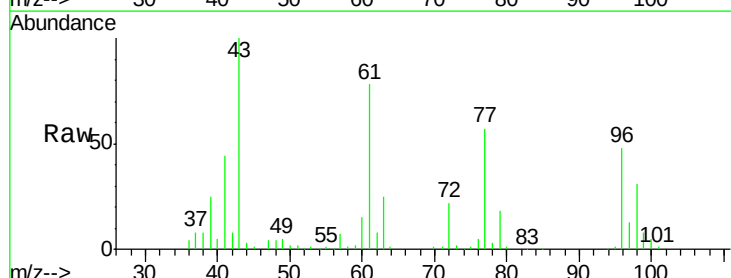
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

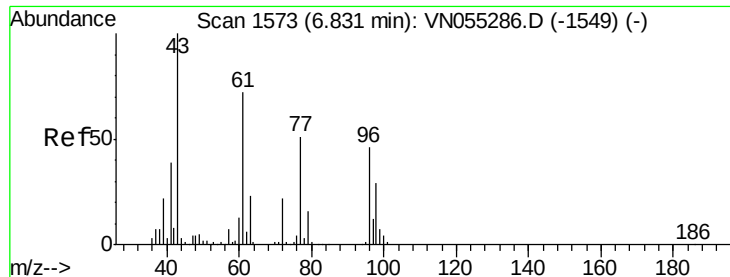
Tot Ion: 43 Resp: 520318
Ion Ratio Lower Upper
43 100
72 22.6 18.0 27.0



#26
2,2-Dichloropropane
Concen: 47.165 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 77 Resp: 284858
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 47.323 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

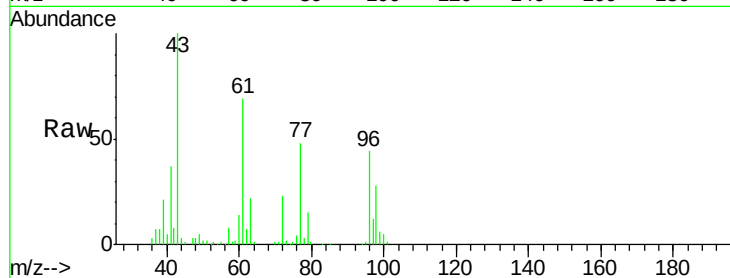
Tot Ion: 96 Resp: 227354

Ion Ratio Lower Upper

96 100

61 161.0 0.0 316.2

98 64.7 0.0 126.6

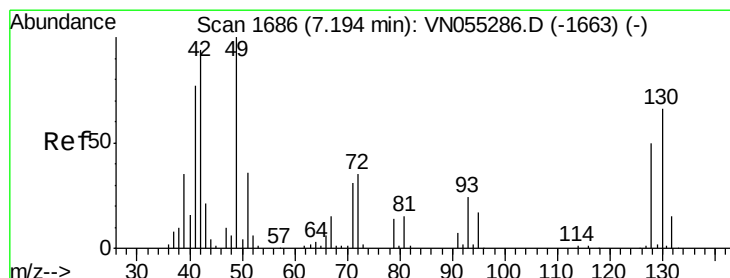
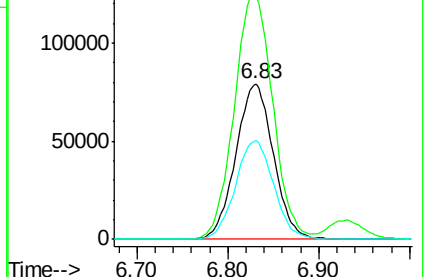
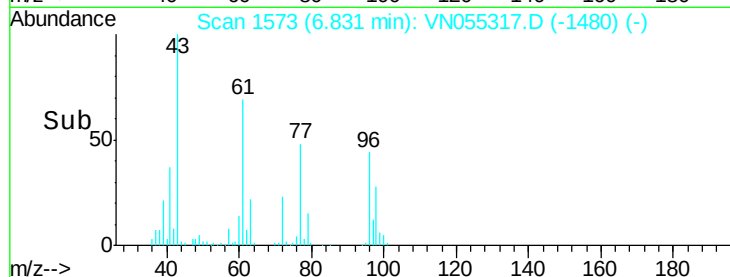


Abundance Ion 95.90 (95.60 to 96.60): VN055317.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN055317.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN055317.D (-1480) (-)

Time-->



#28

Bromochloromethane

Concen: 46.548 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

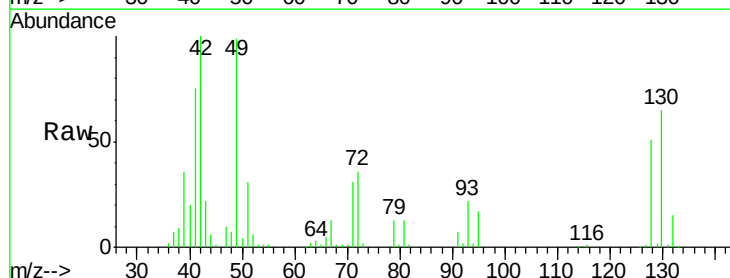
Tgt Ion: 49 Resp: 205216

Ion Ratio Lower Upper

49 100

129 1.6 0.0 2.4

130 63.9 52.0 78.0

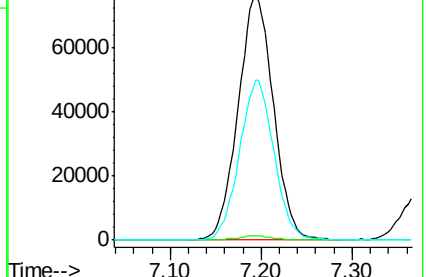
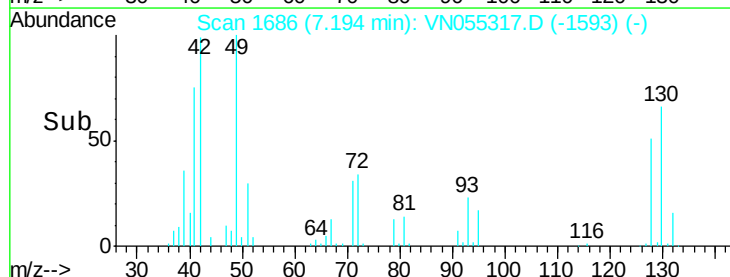


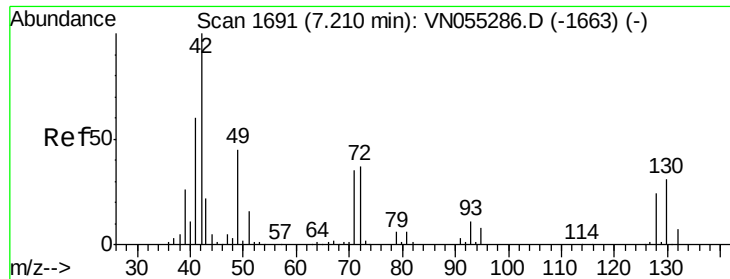
Abundance Ion 48.90 (48.60 to 49.60): VN055317.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN055317.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN055317.D (-1593) (-)

Time-->

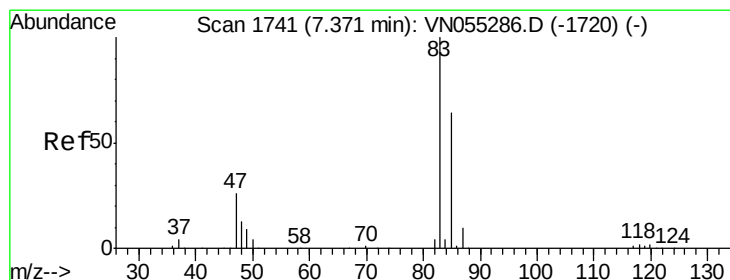
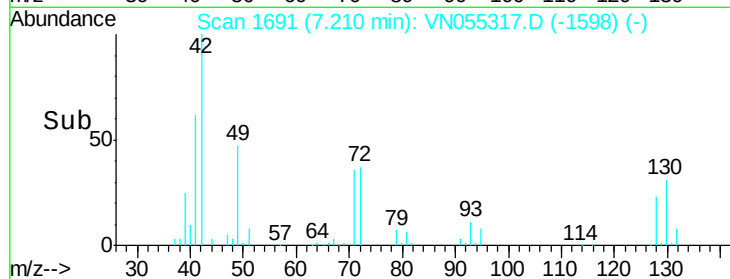
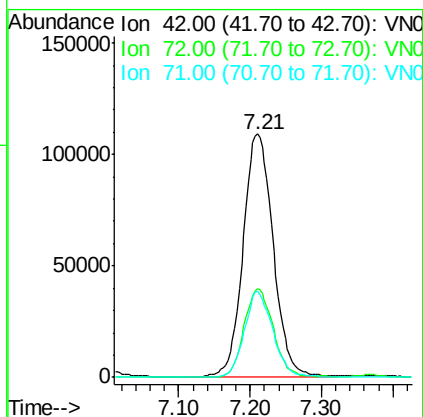
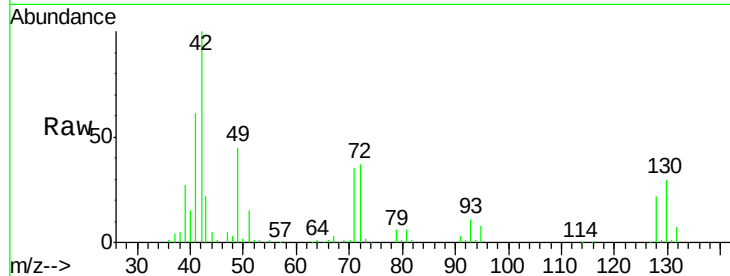




#29
Tetrahydrofuran
Concen: 236.889 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

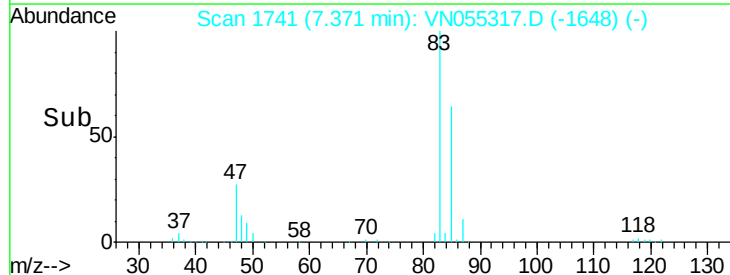
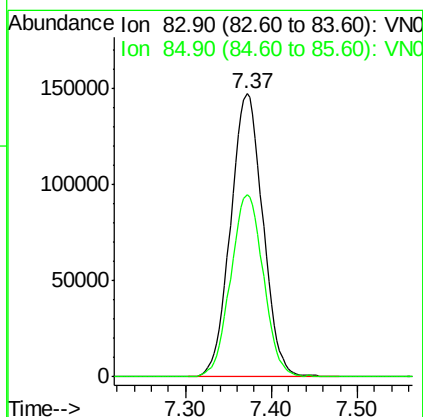
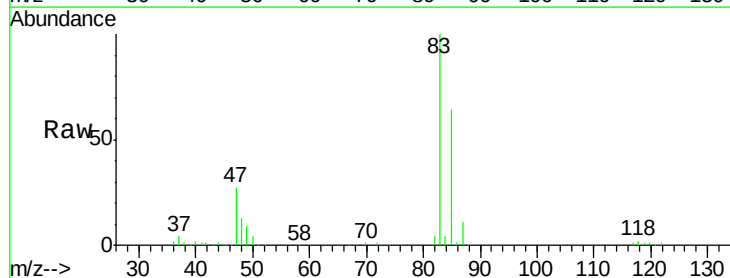
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

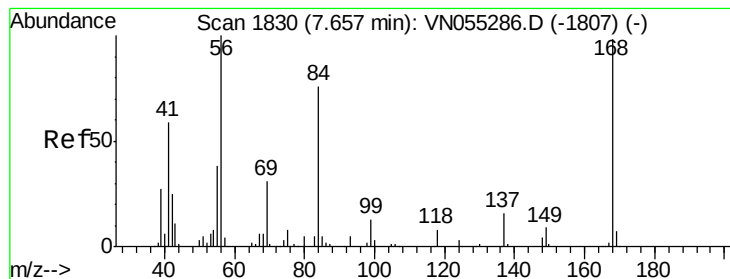
Tot Ion: 42 Resp: 319318
Ion Ratio Lower Upper
42 100
72 35.5 29.0 43.6
71 33.7 27.1 40.7



#30
Chloroform
Concen: 46.278 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 83 Resp: 383691
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2





#31

Cyclohexane

Concen: 44.658 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.01 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

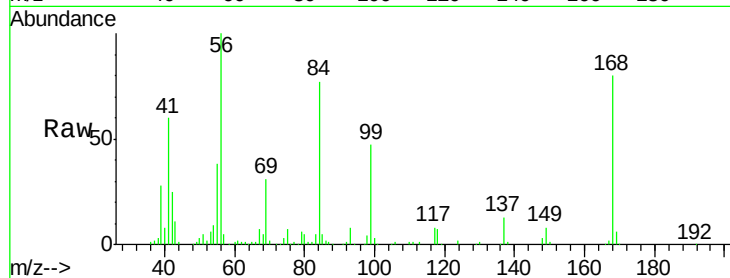
Tot Ion: 56 Resp: 371097

Ion Ratio Lower Upper

56 100

69 31.0 25.2 37.8

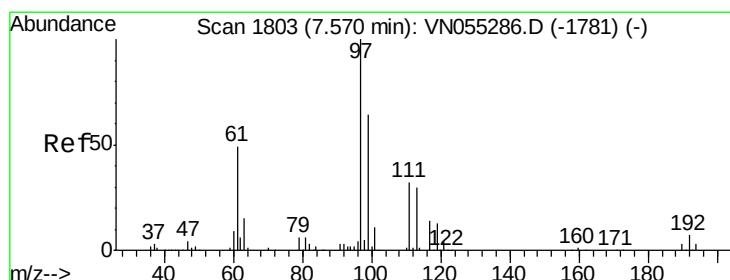
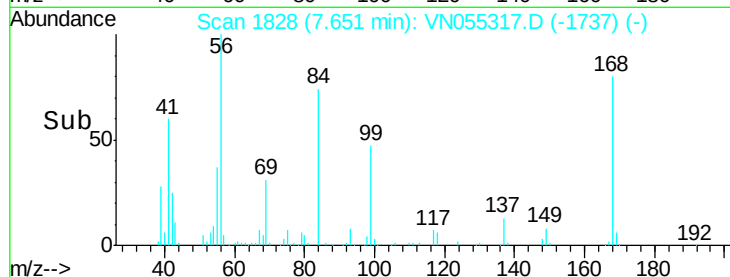
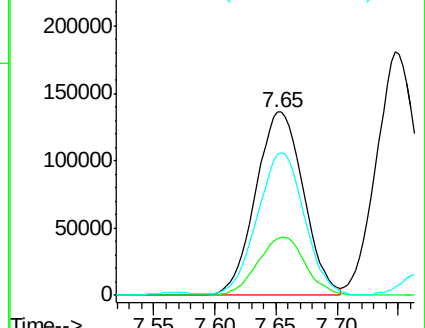
84 75.9 61.1 91.7



Abundance Ion 56.00 (55.70 to 56.70): VN055317.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN055317.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN055317.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 47.164 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

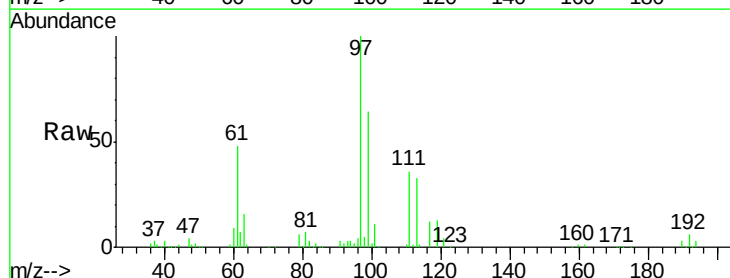
Tgt Ion: 97 Resp: 317363

Ion Ratio Lower Upper

97 100

99 62.9 51.8 77.8

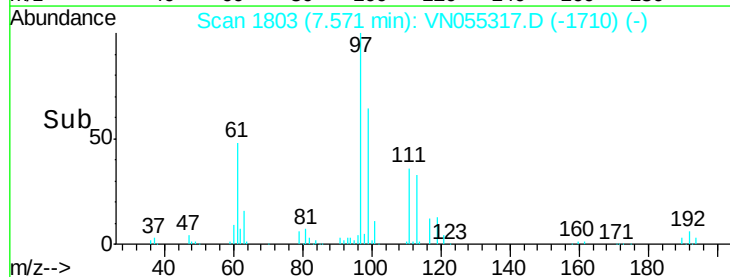
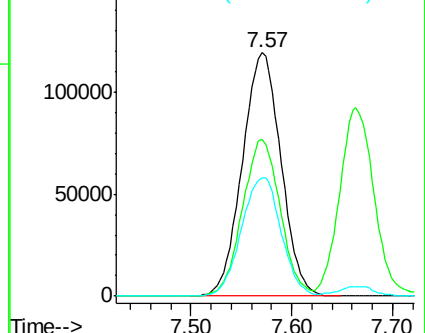
61 49.9 39.0 58.6

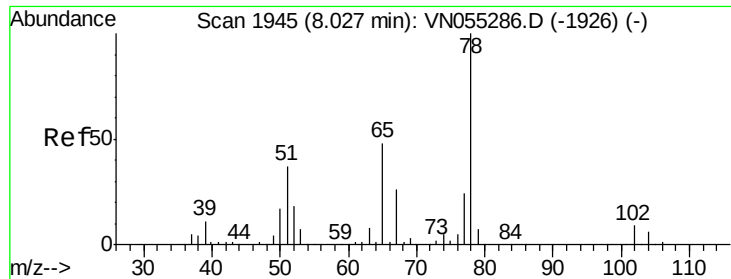


Abundance Ion 96.90 (96.60 to 97.60): VN055317.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055317.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055317.D (-1710) (-)

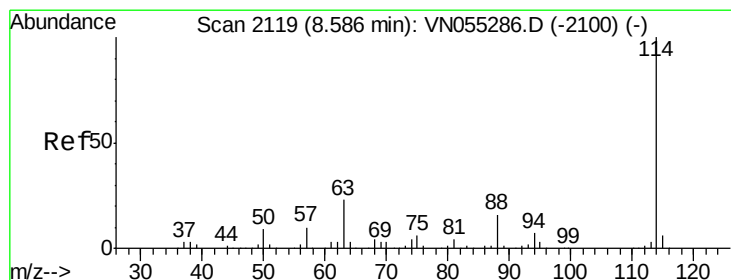
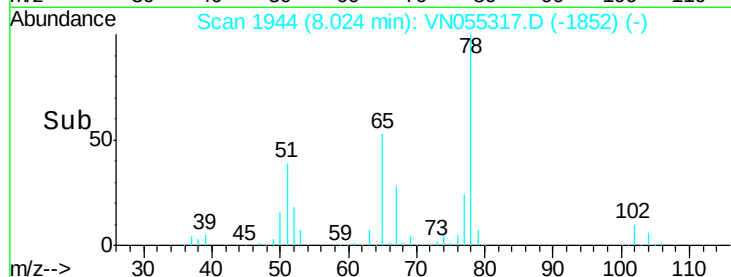
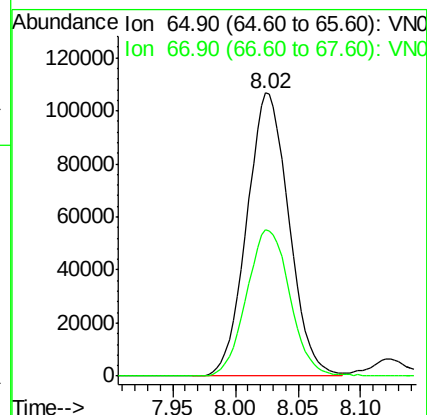
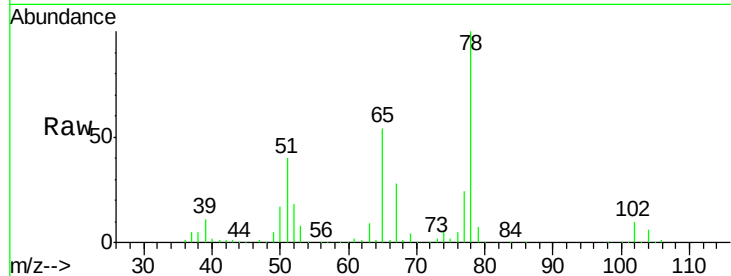




#33
 1,2-Dichloroethane-d4
 Concen: 47.225 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

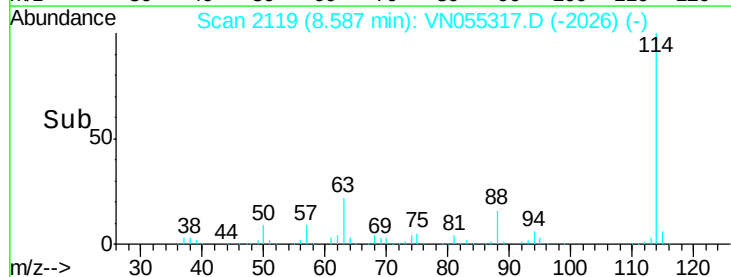
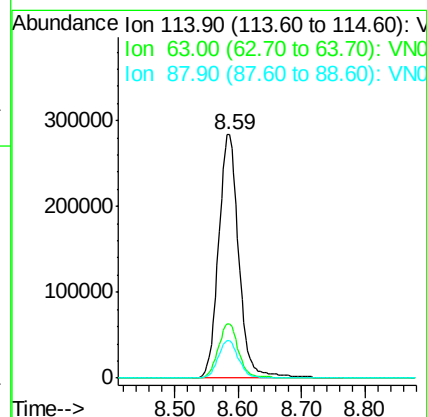
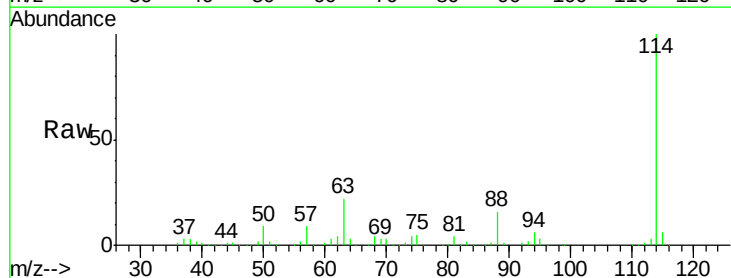
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

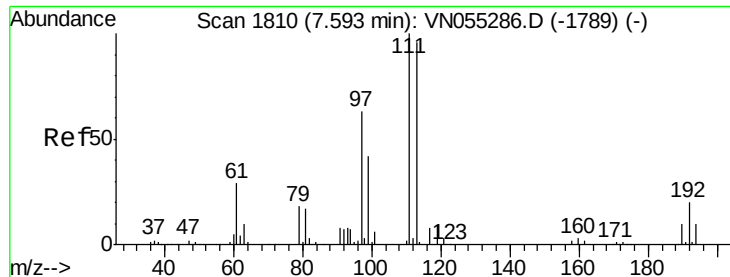
Tot Ion: 65 Resp: 249484
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Tgt Ion: 114 Resp: 627293
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.2
 88 15.6 0.0 31.6

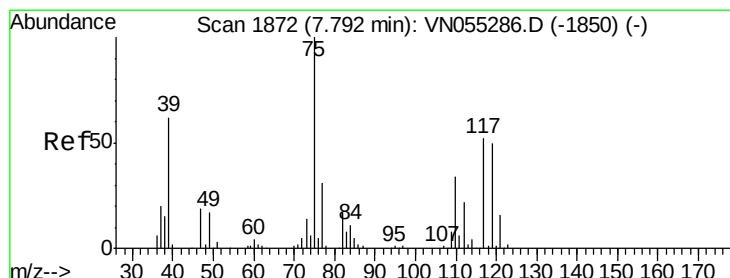
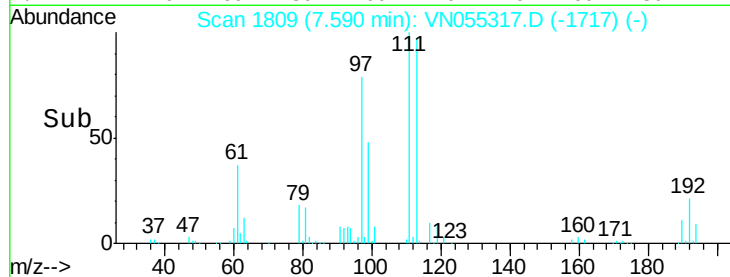
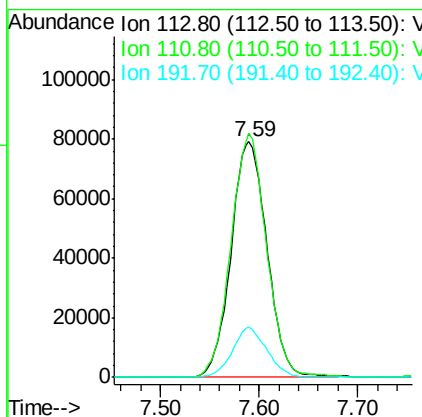
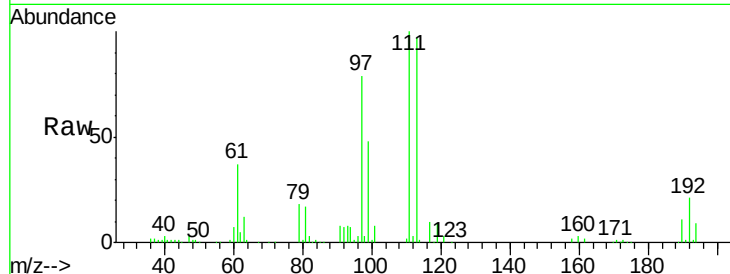




#35
 Dibromofluoromethane
 Concen: 48.724 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

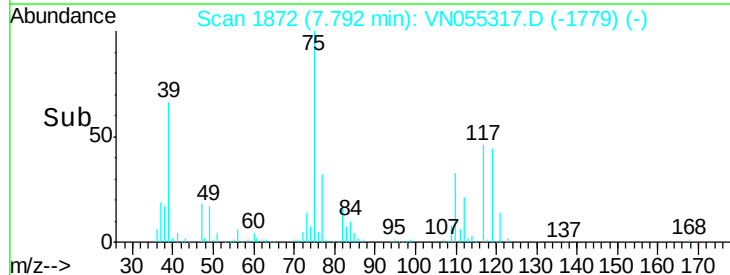
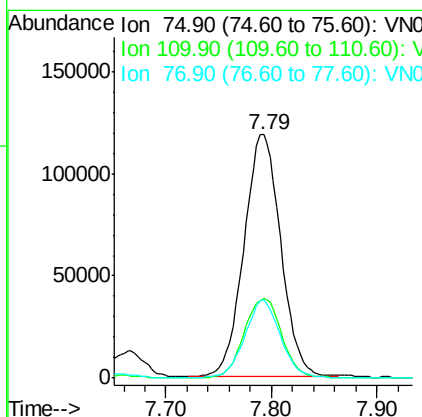
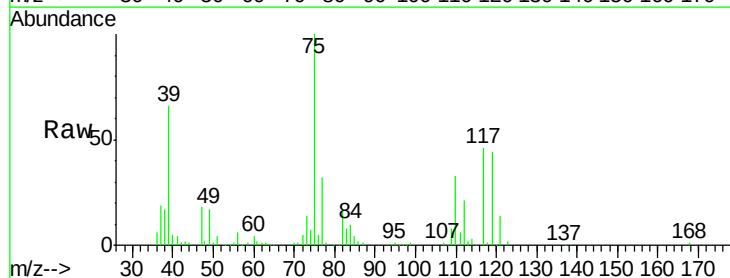
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

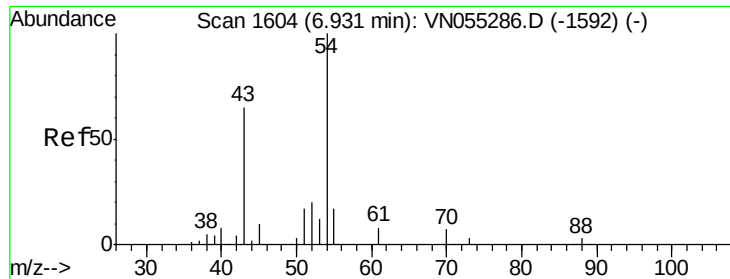
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	20.3	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 47.984 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.8	50.4
77	31.8	25.0	37.6

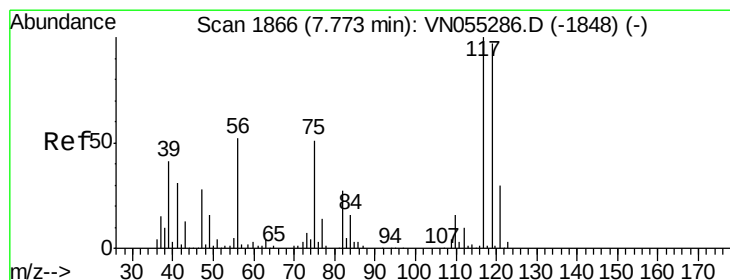
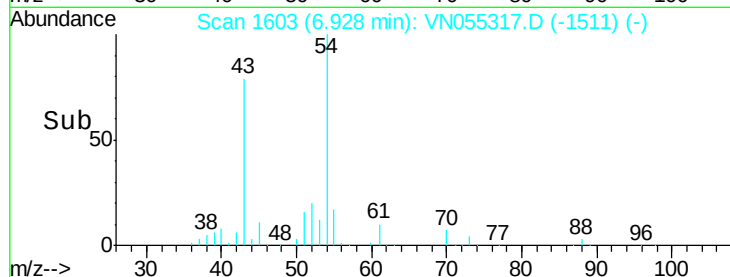
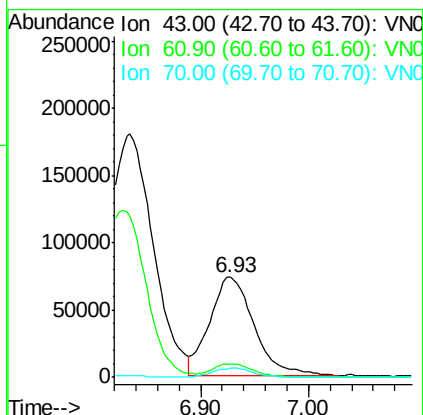
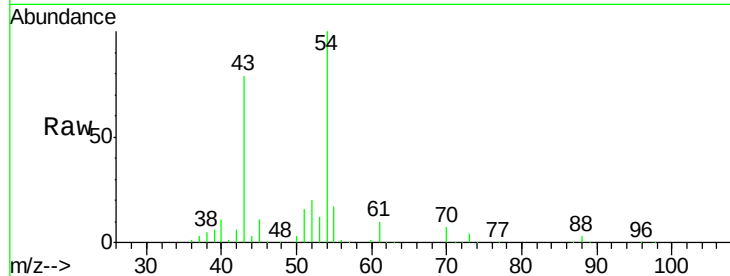




#37
Ethyl Acetate
Concen: 46.032 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

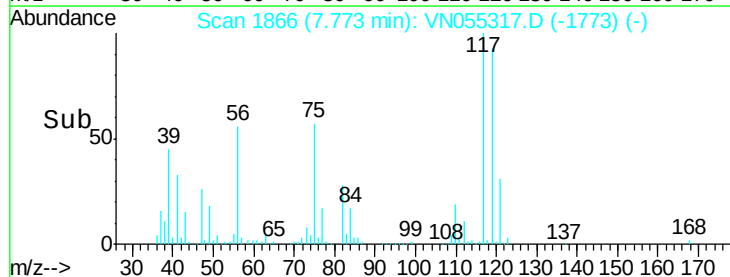
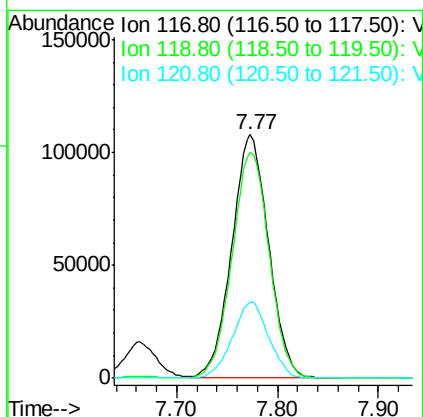
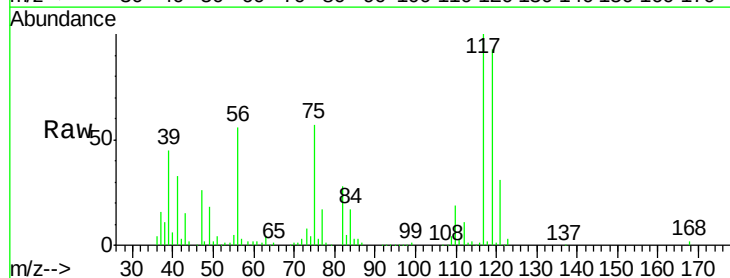
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

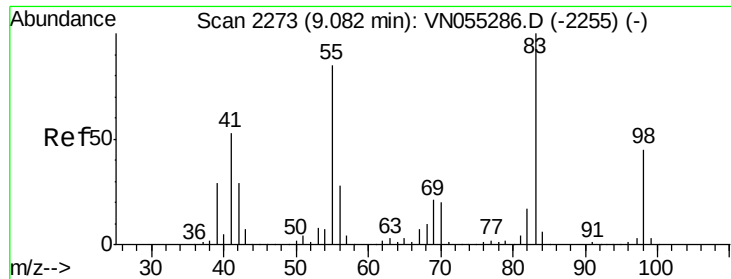
Tot Ion: 43 Resp: 211976
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 8.7 6.6 10.0



#38
Carbon Tetrachloride
Concen: 47.166 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 117 Resp: 273375
Ion Ratio Lower Upper
117 100
119 92.5 77.0 115.6
121 31.0 23.8 35.8

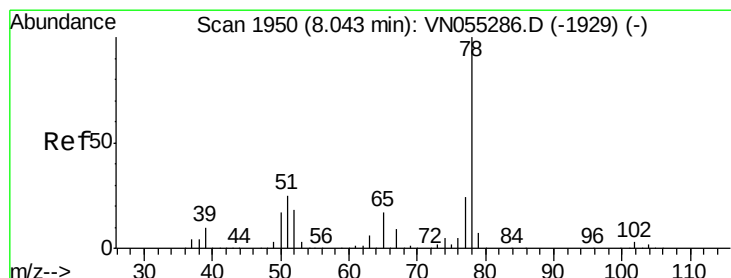
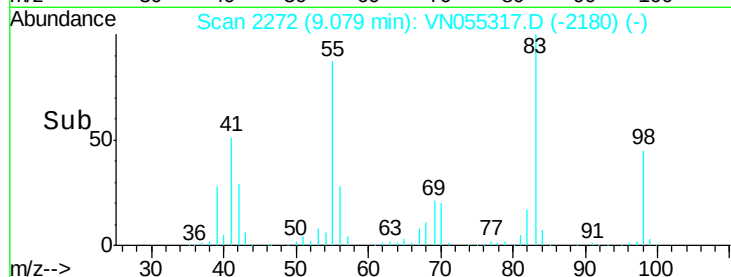
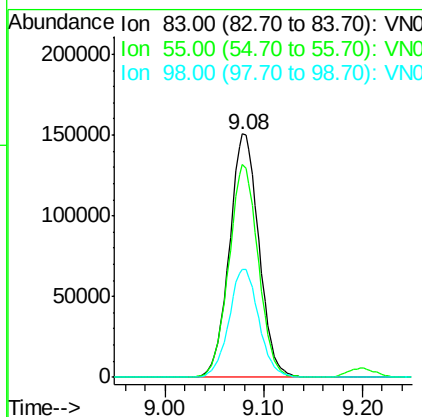
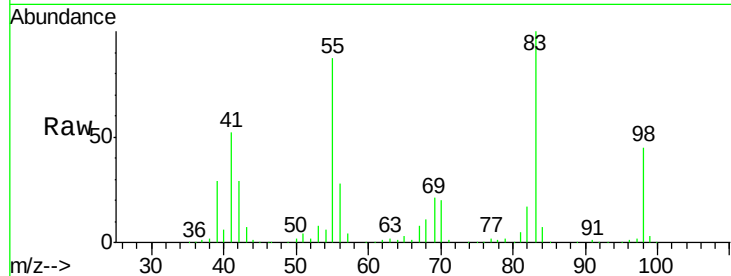




#39
Methylvlcyclohexane
Concen: 49.263 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

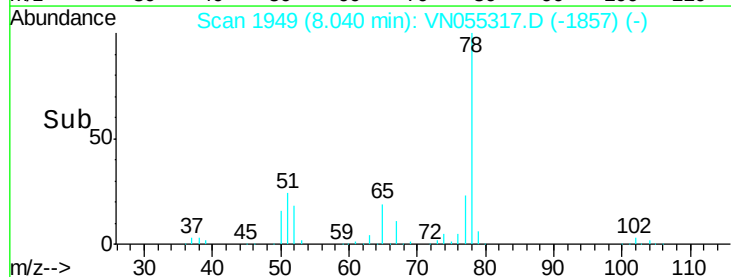
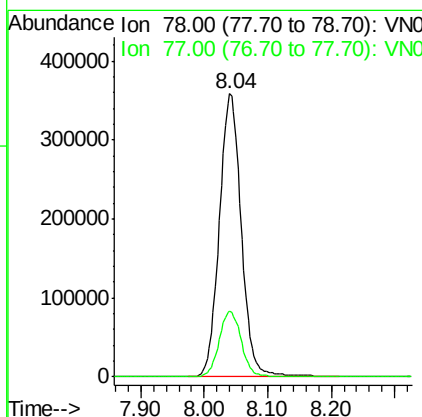
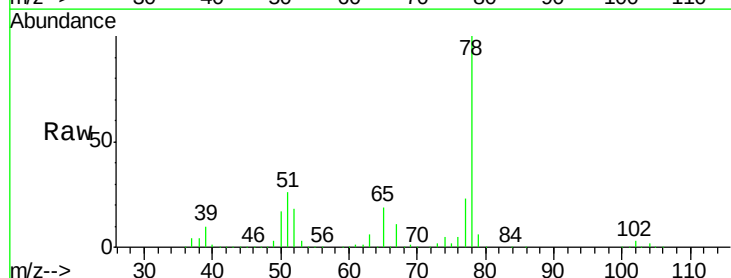
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

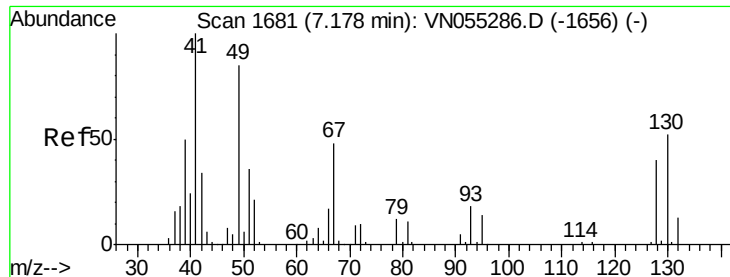
Tot Ion: 83 Resp: 314707
Ion Ratio Lower Upper
83 100
55 87.3 67.8 101.6
98 44.6 36.2 54.4



#40
Benzene
Concen: 48.475 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 78 Resp: 858627
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

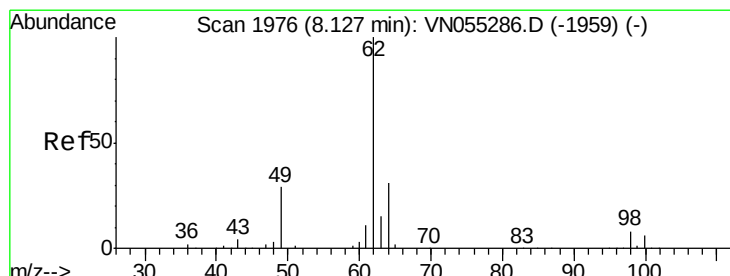
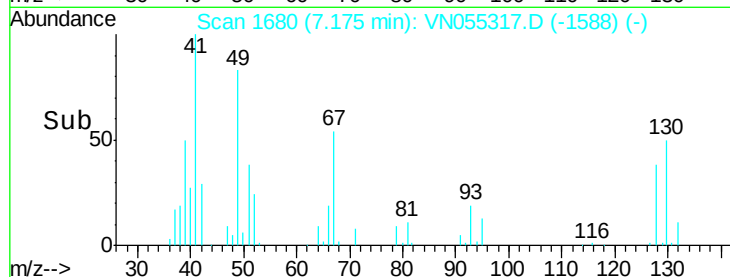
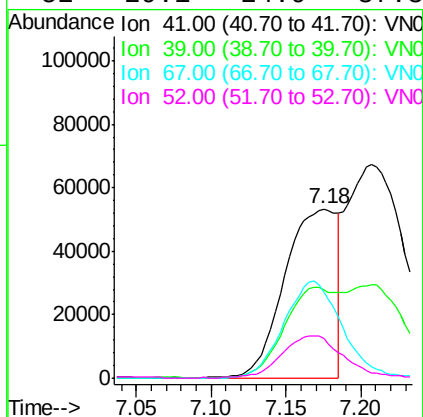
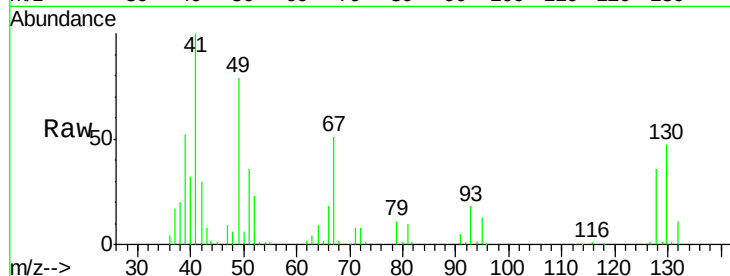




#41
Methacrylonitrile
Concen: 51.703 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

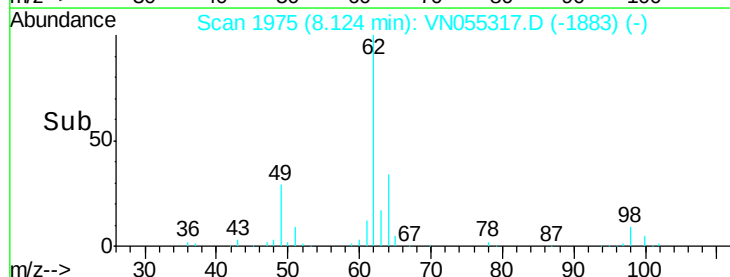
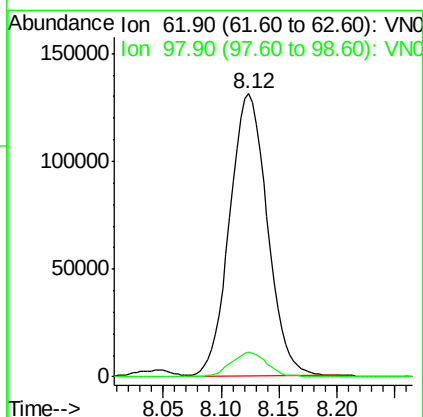
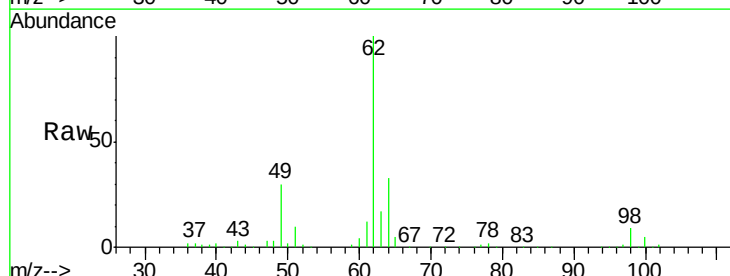
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

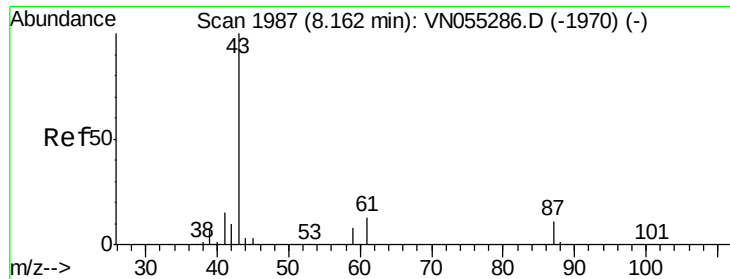
Tot Ion: 41 Resp: 128923
Ion Ratio Lower Upper
41 100
39 48.4 48.5 72.7#
67 64.3 54.9 82.3
52 29.1 24.9 37.3



#42
1,2-Dichloroethane
Concen: 47.179 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 62 Resp: 295974
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.4





#43

Isopropyl Acetate

Concen: 50.174 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

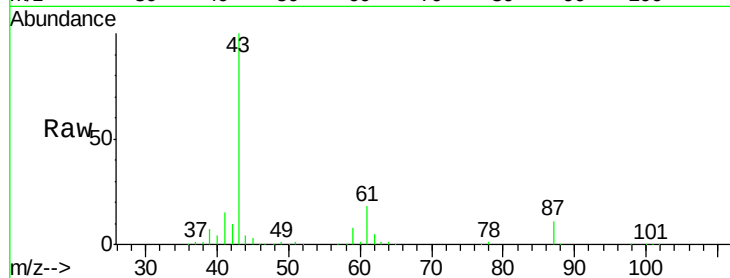
Tot Ion: 43 Resp: 371311

Ion Ratio Lower Upper

43 100

61 15.8 20.8 31.2#

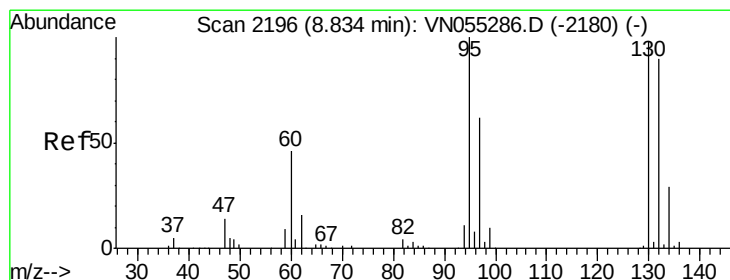
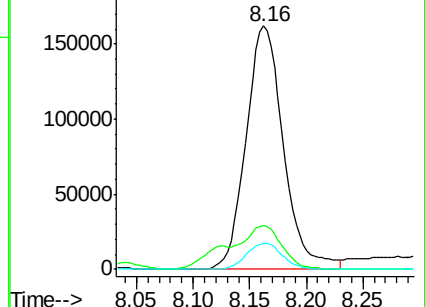
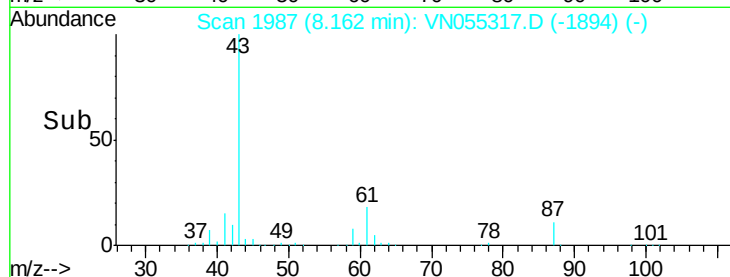
87 10.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055317.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN055317.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN055317.D (-1894) (-)



#44

Trichloroethene

Concen: 47.123 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055317.D

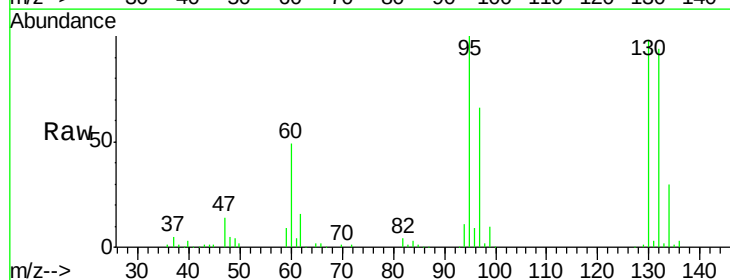
Acq: 1 May 2019 9:47

Tgt Ion:130 Resp: 212784

Ion Ratio Lower Upper

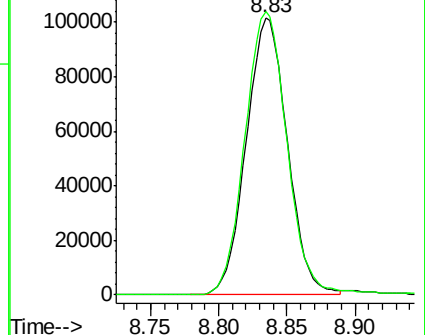
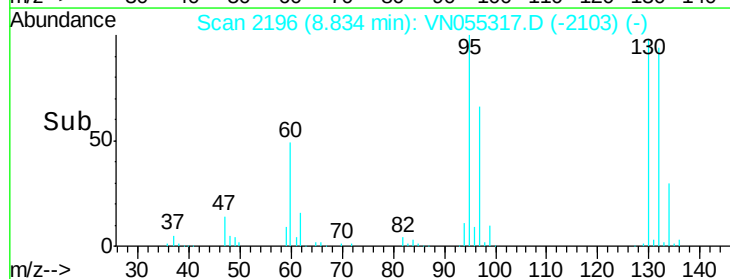
130 100

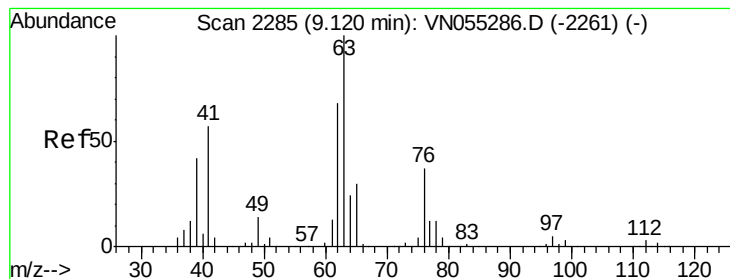
95 102.0 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055317.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055317.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 48.257 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

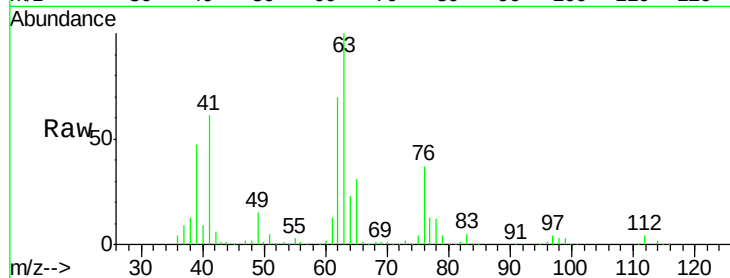
VSTDCCC050

Tot Ion: 63 Resp: 246528

Ion Ratio Lower Upper

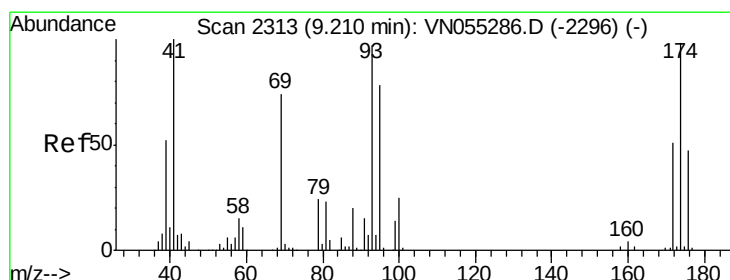
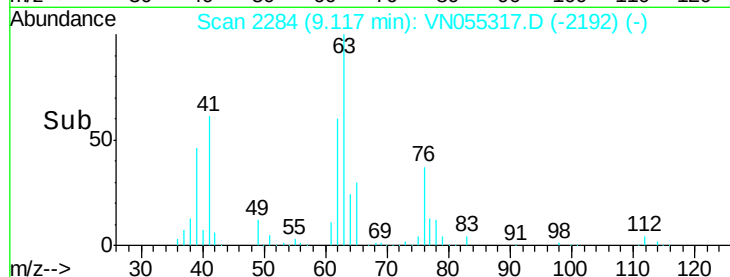
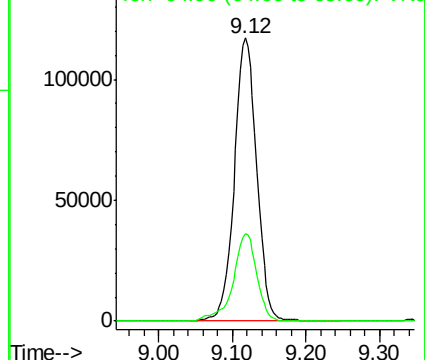
63 100

65 30.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.048 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

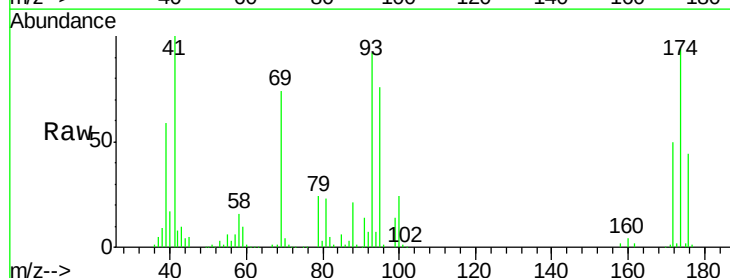
Tgt Ion: 93 Resp: 134168

Ion Ratio Lower Upper

93 100

95 82.8 65.7 98.5

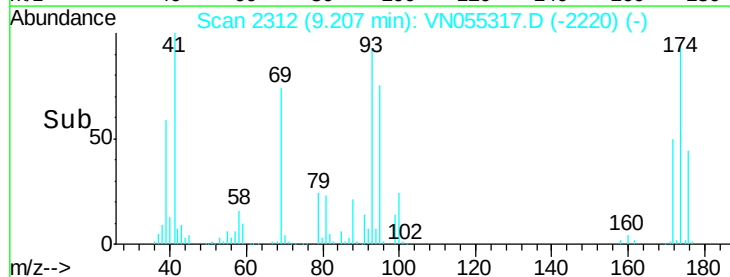
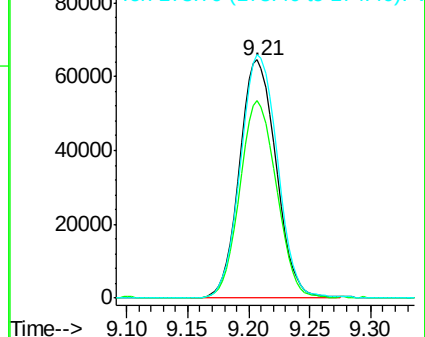
174 103.1 81.5 122.3

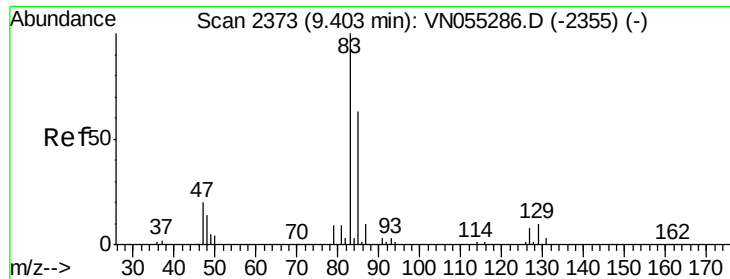


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

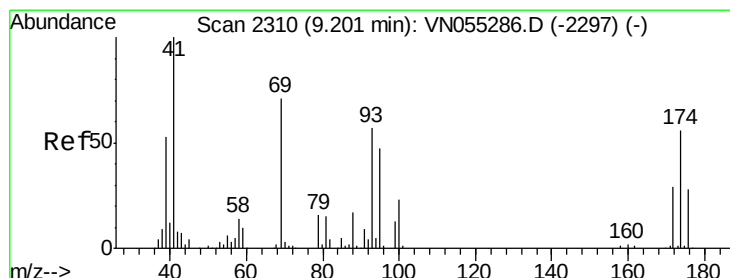
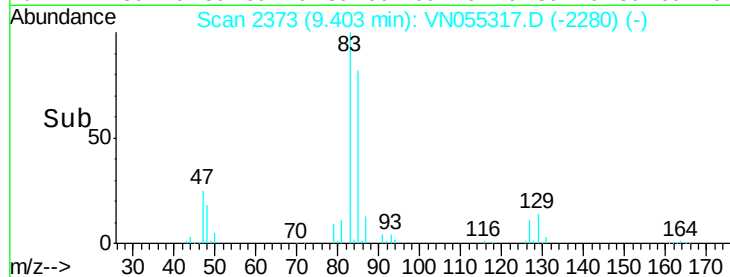
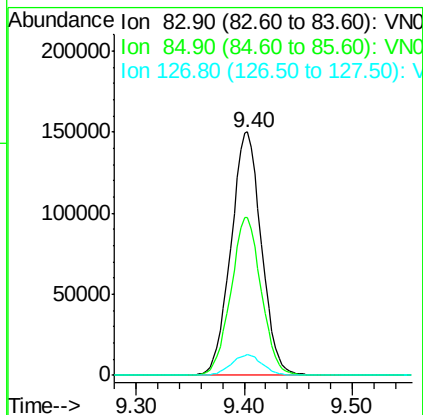
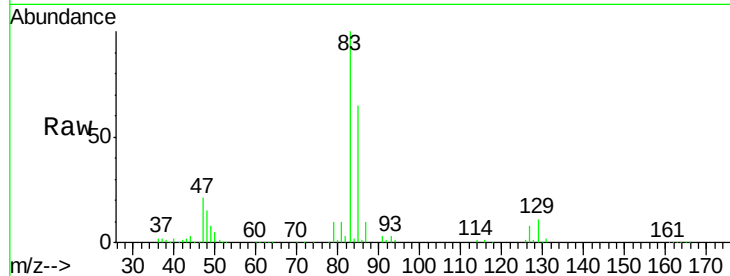




#47
Bromodichloromethane
Concen: 49.238 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

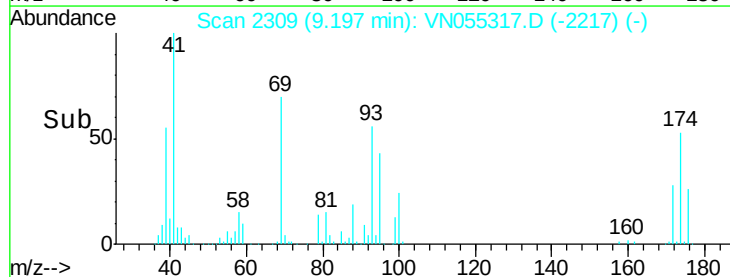
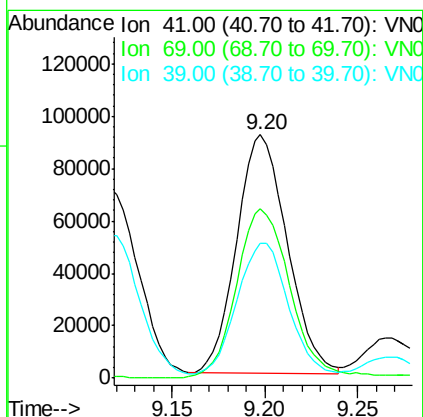
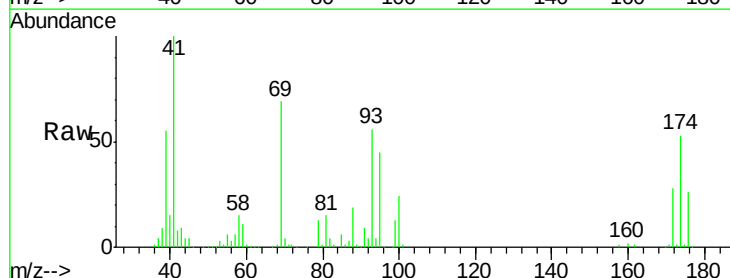
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

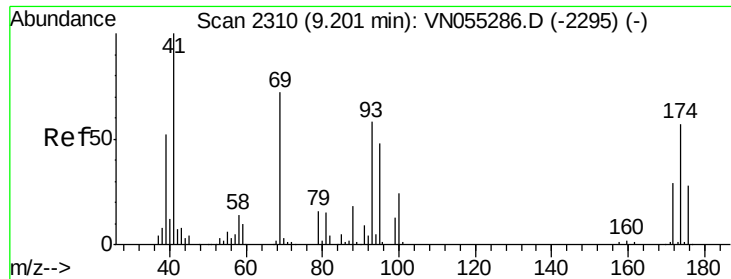
Tot Ion: 83 Resp: 294962
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.4 6.7 10.1



#48
Methyl methacrylate
Concen: 47.543 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 41 Resp: 172968
Ion Ratio Lower Upper
41 100
69 76.8 58.6 87.8
39 57.9 43.8 65.6





#49

1,4-Dioxane

Concen: 1049.607 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

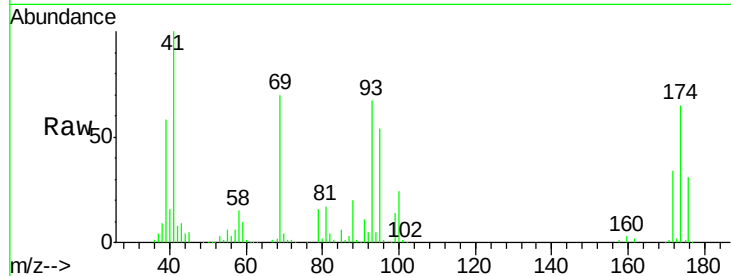
Tot Ion: 88 Resp: 39474

Ion Ratio Lower Upper

88 100

43 38.7 33.3 49.9

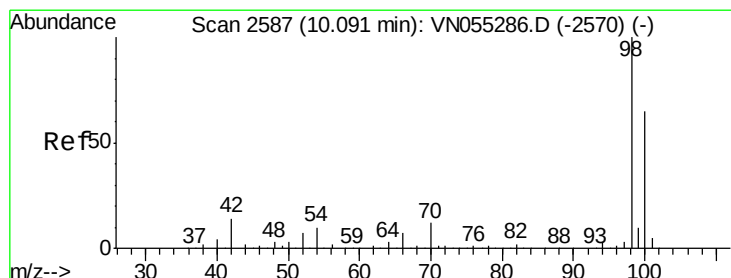
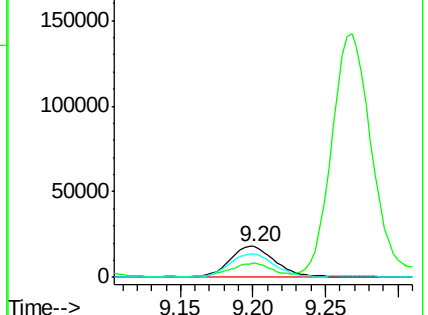
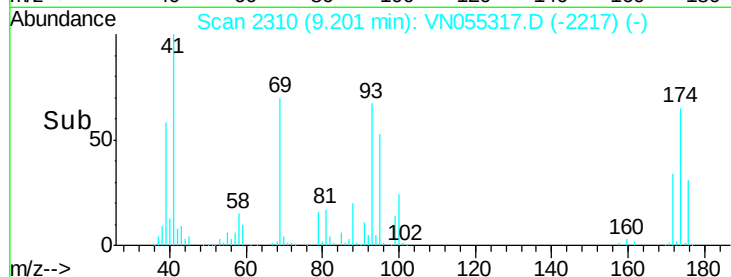
58 75.4 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055317.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN055317.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN055317.D (-2217) (-)



#50

Toluene-d8

Concen: 49.077 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055317.D

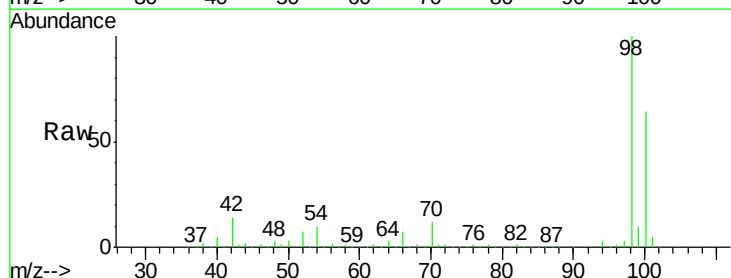
Acq: 1 May 2019 9:47

Tgt Ion: 98 Resp: 729636

Ion Ratio Lower Upper

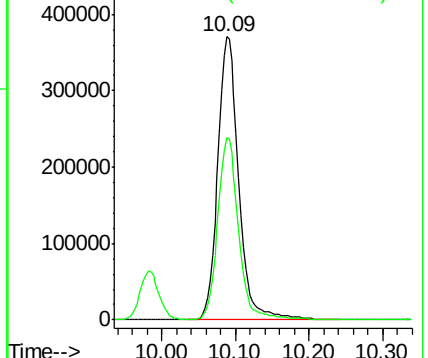
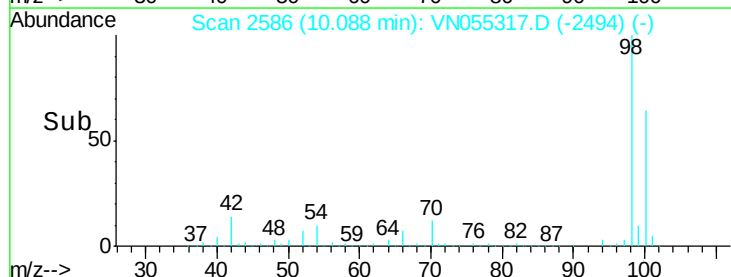
98 100

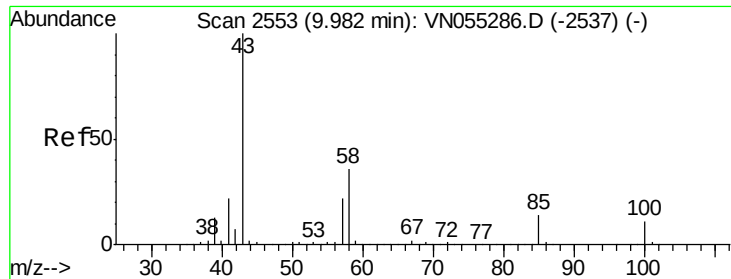
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055317.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055317.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 247.434 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

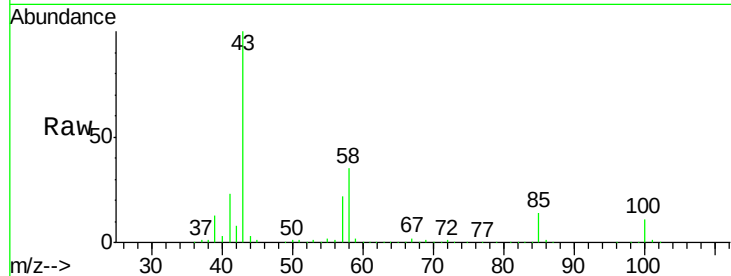
VSTDCCC050

Tot Ion: 43 Resp: 1030960

Ion Ratio Lower Upper

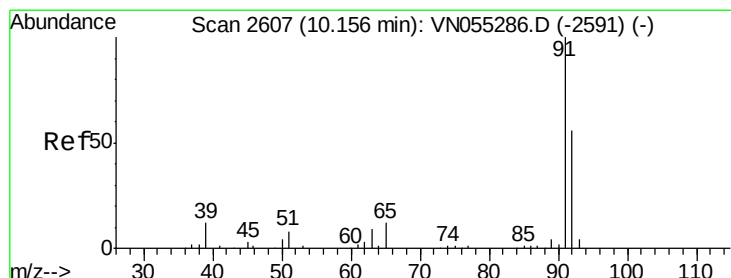
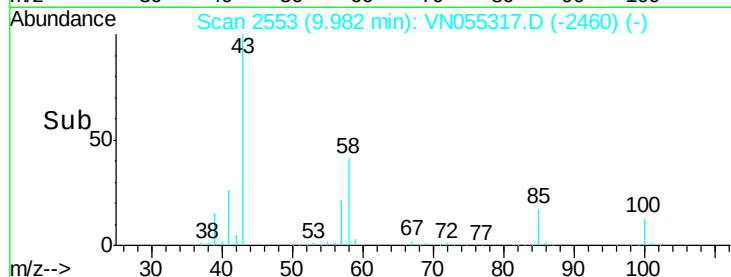
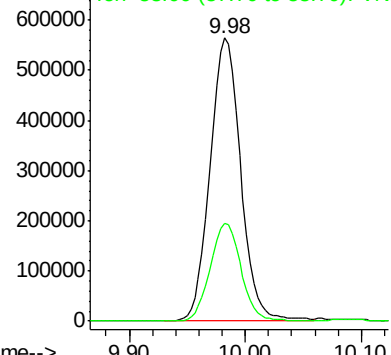
43 100

58 34.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.651 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055317.D

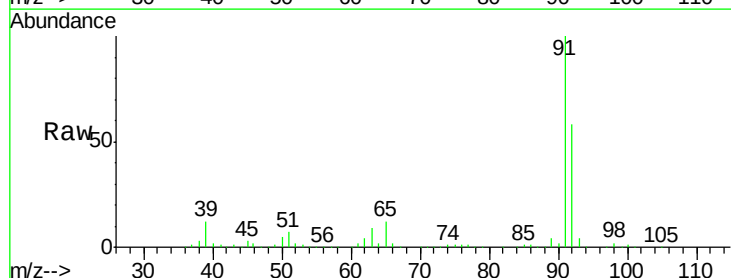
Acq: 1 May 2019 9:47

Tgt Ion: 92 Resp: 504604

Ion Ratio Lower Upper

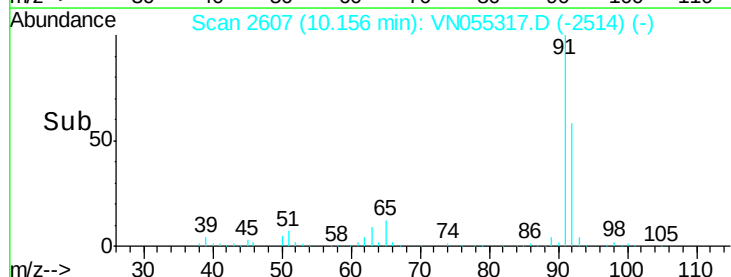
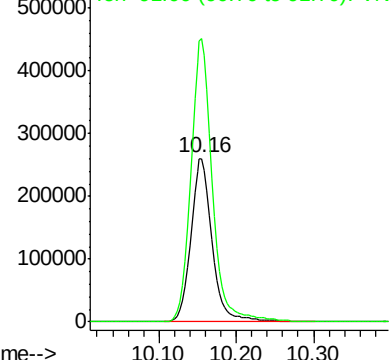
92 100

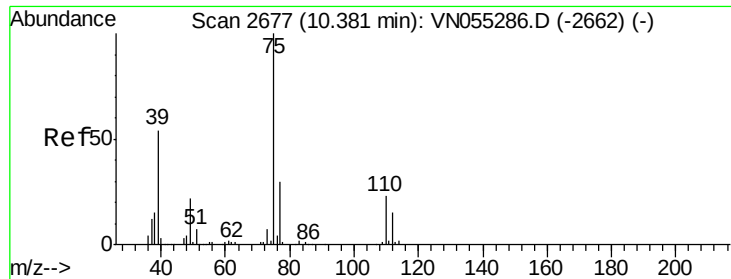
91 174.9 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

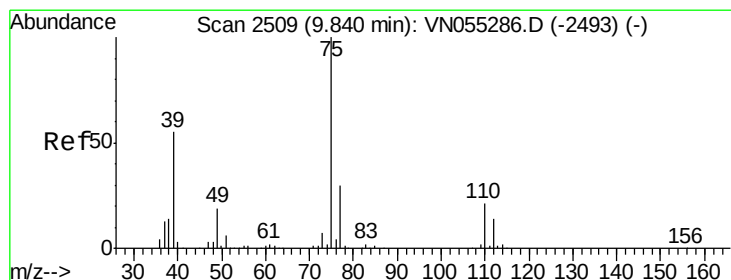
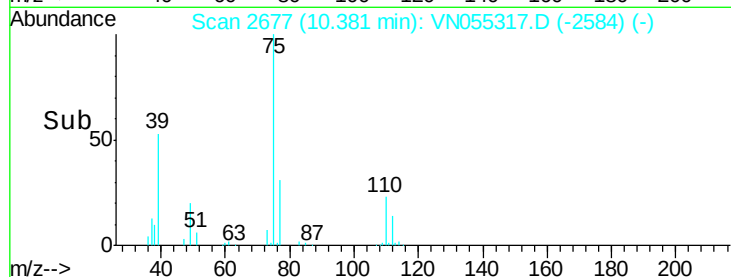
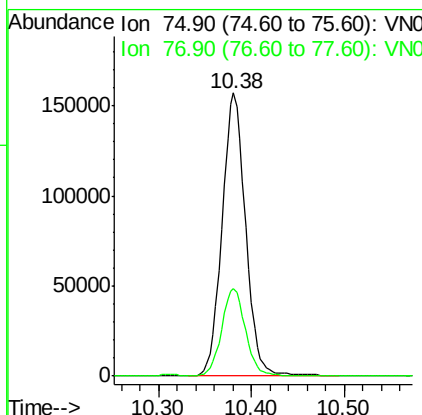
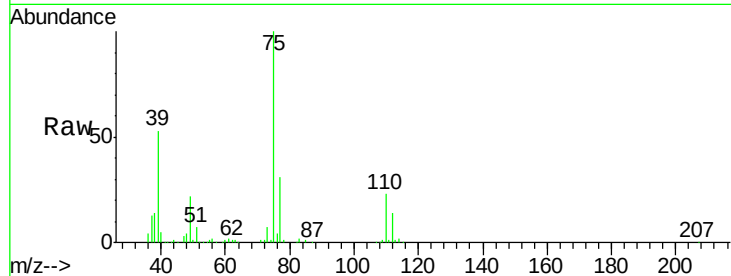




#53
t-1,3-Dichloropropene
Concen: 53.183 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

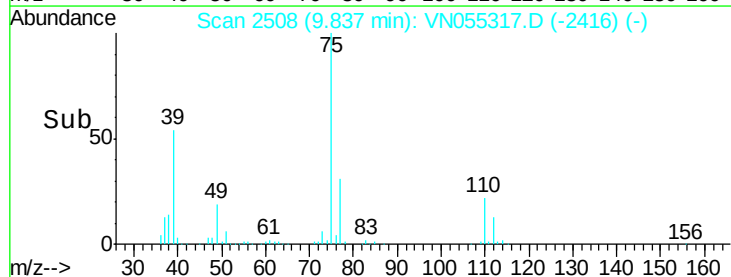
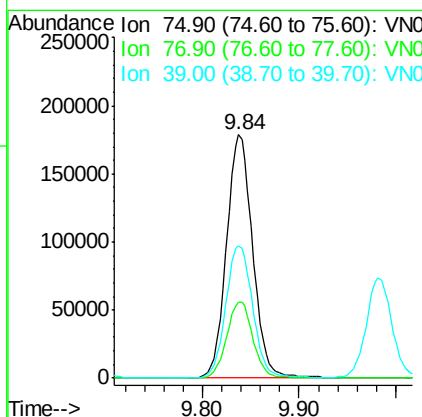
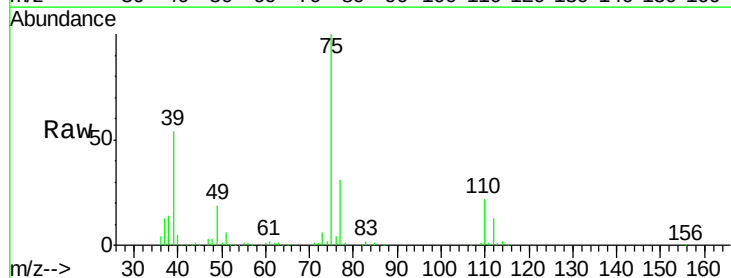
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

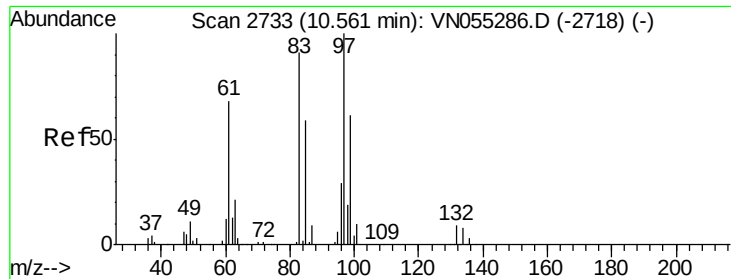
Tot Ion: 75 Resp: 276571
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 51.824 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 75 Resp: 336020
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.2
39 54.3 44.2 66.2





#55

1,1,2-Trichloroethane

Concen: 49.218 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 185746

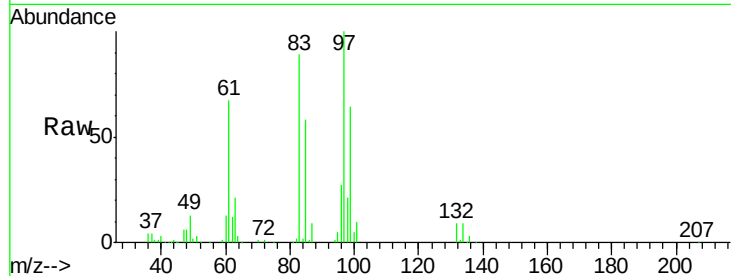
Ion	Ratio	Lower	Upper
97	100		
83	89.0	72.8	109.2
85	58.5	47.0	70.6
99	64.2	49.0	73.4

97 100

83 89.0 72.8 109.2

85 58.5 47.0 70.6

99 64.2 49.0 73.4

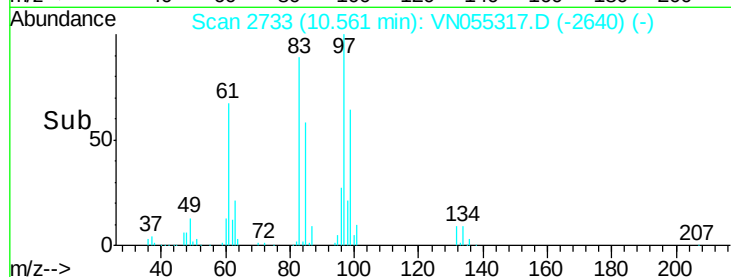


Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

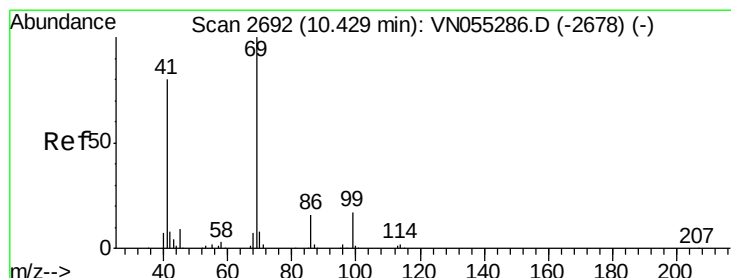
Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



10.56

Time-->



#56

Ethyl methacrylate

Concen: 50.657 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

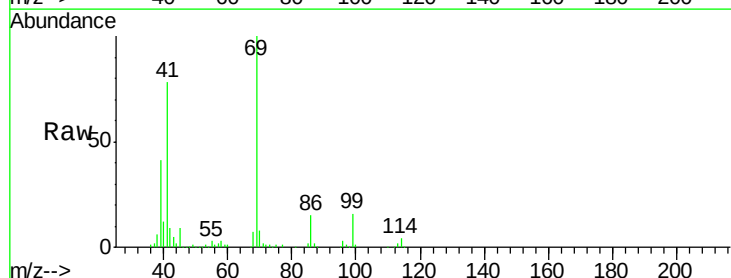
Tgt Ion: 69 Resp: 235310

Ion	Ratio	Lower	Upper
69	100		
41	78.7	62.7	94.1
39	39.7	32.0	48.0

69 100

41 78.7 62.7 94.1

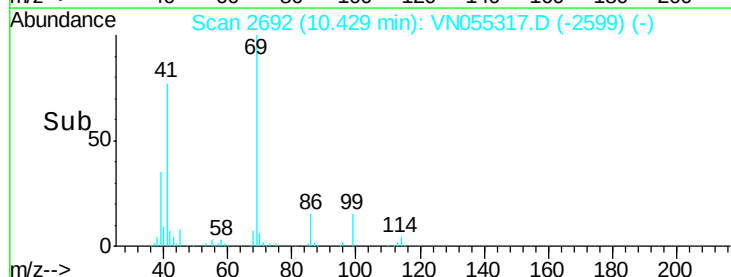
39 39.7 32.0 48.0



Abundance Ion 69.00 (68.70 to 69.70): VNC

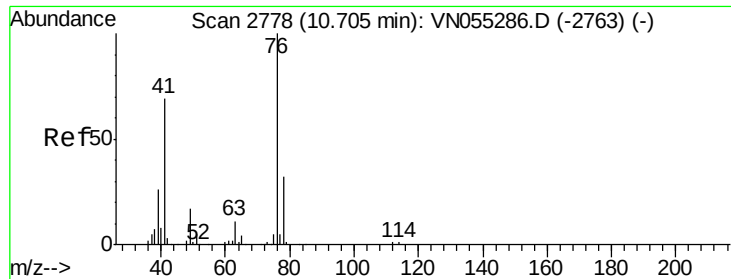
Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC



10.43

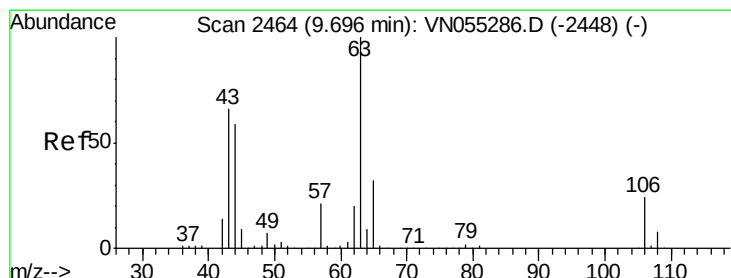
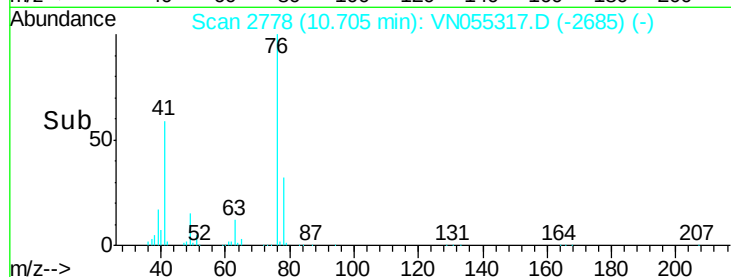
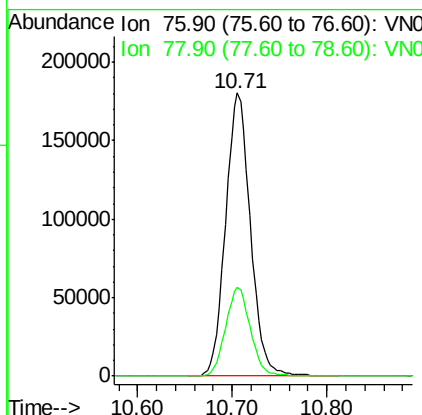
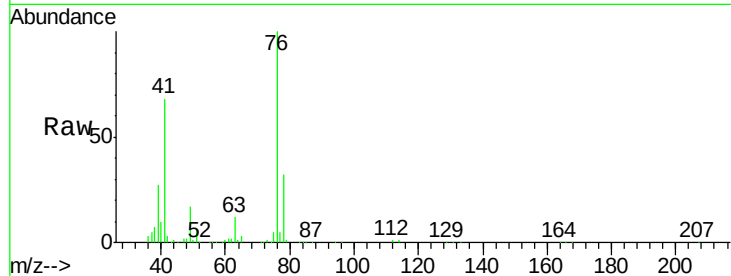
Time-->



#57
 1,3-Dichloropropane
 Concen: 49.680 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

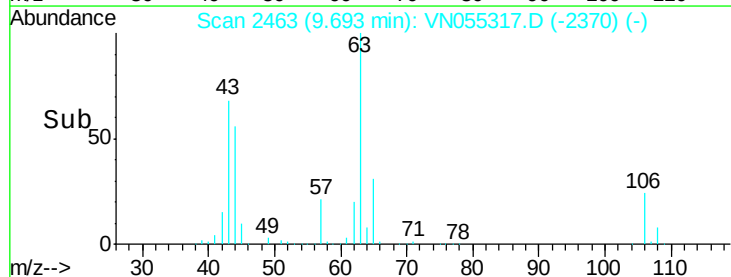
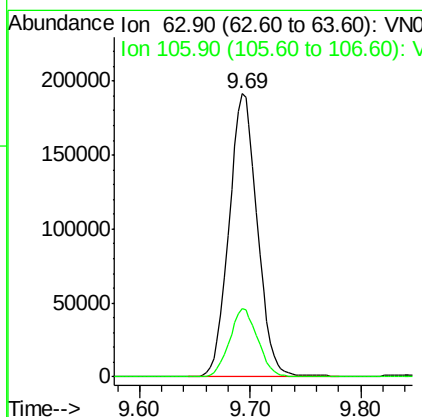
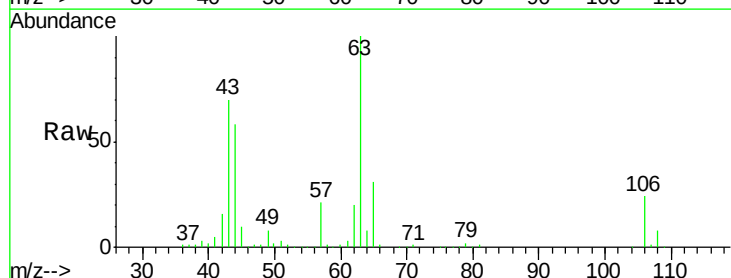
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

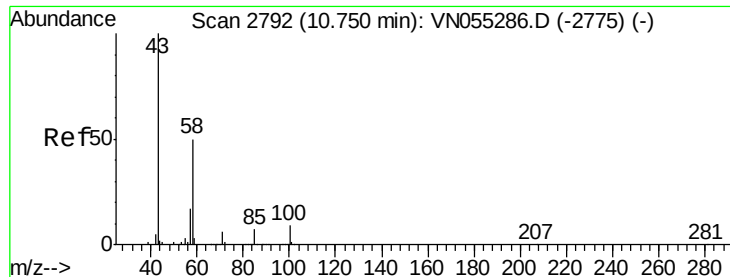
Tot Ion: 76 Resp: 328907
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.507 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Tgt Ion: 63 Resp: 341451
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.0 28.4

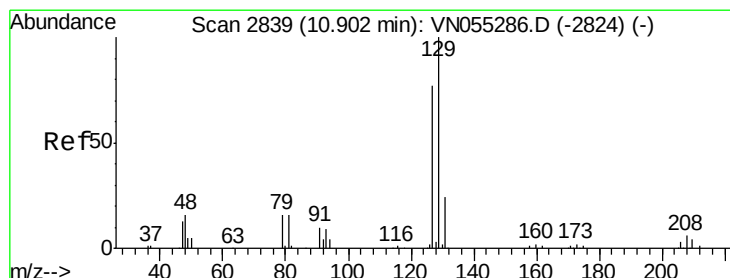
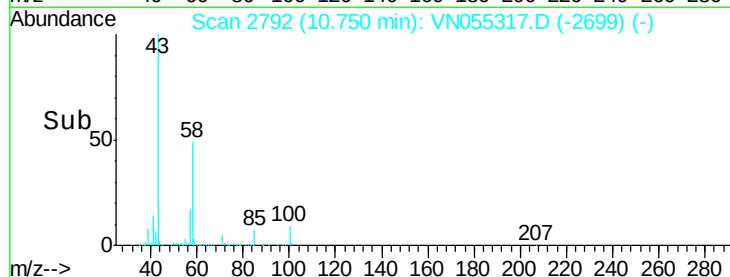
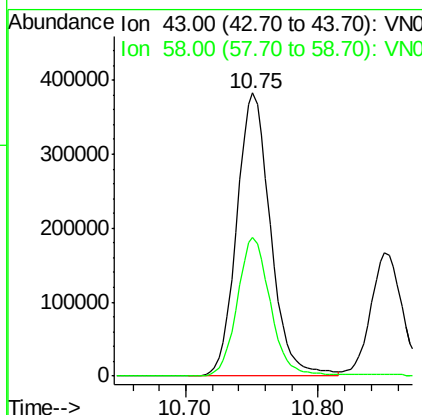
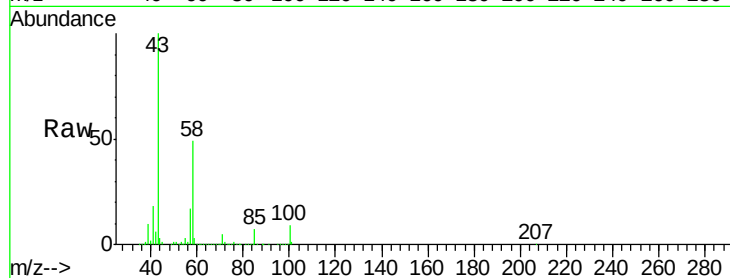




#59
2-Hexanone
Concen: 258.747 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

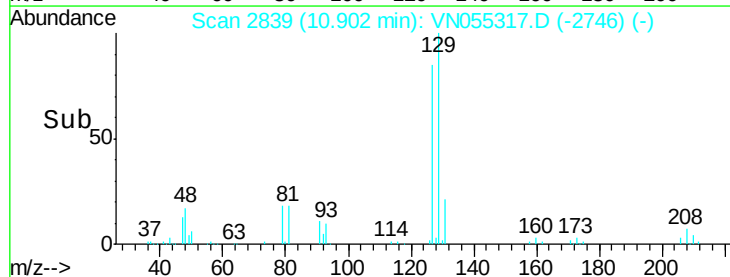
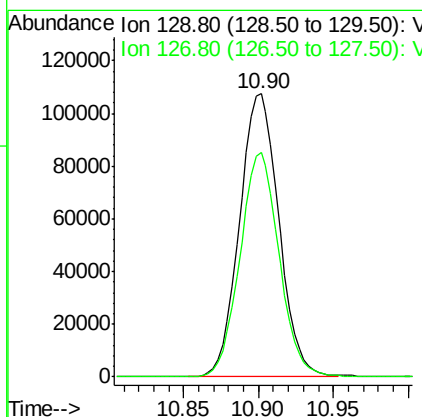
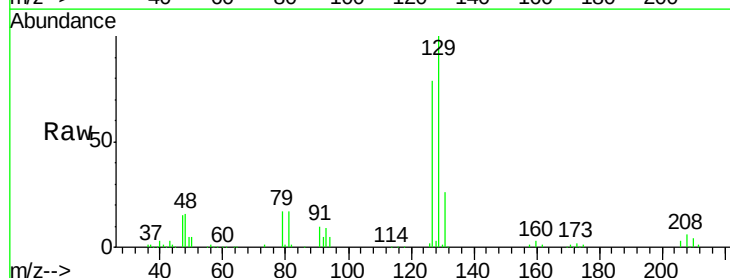
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

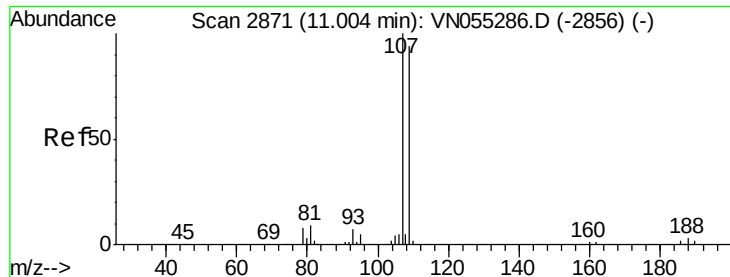
Tot Ion: 43 Resp: 674551
Ion Ratio Lower Upper
43 100
58 48.5 24.9 74.6



#60
Dibromochloromethane
Concen: 51.093 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 129 Resp: 197073
Ion Ratio Lower Upper
129 100
127 78.9 38.1 114.5

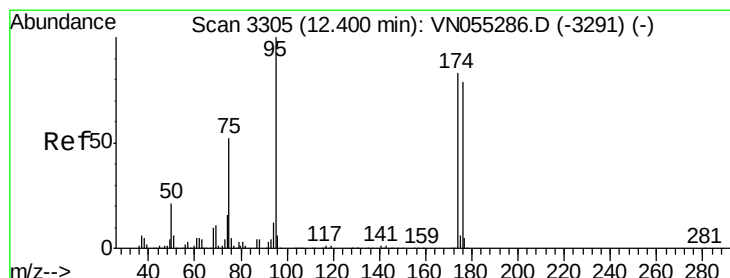
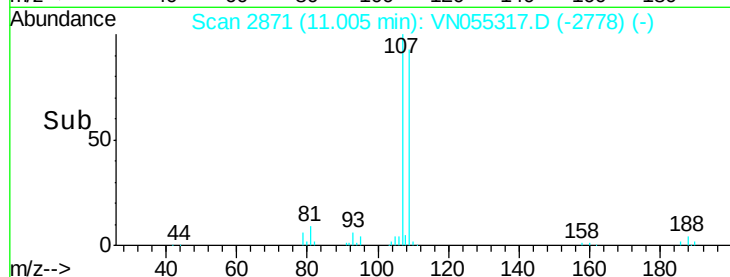
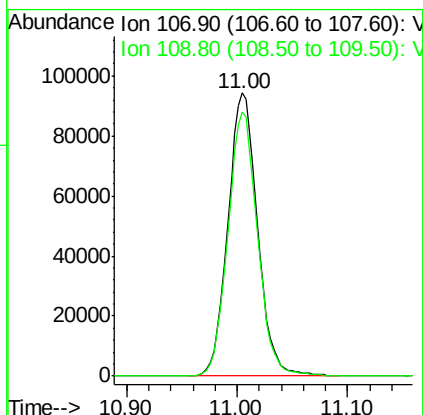
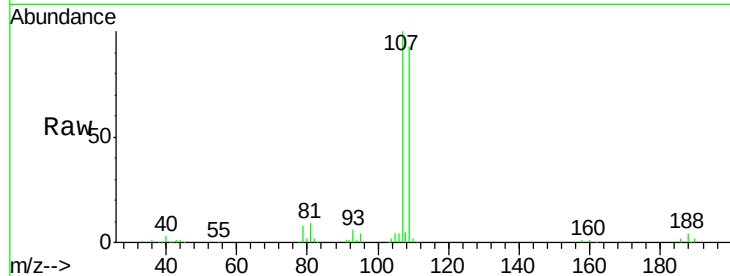




#61
 1,2-Dibromoethane
 Concen: 50.318 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

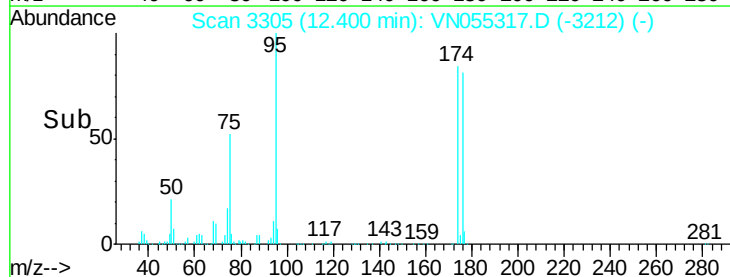
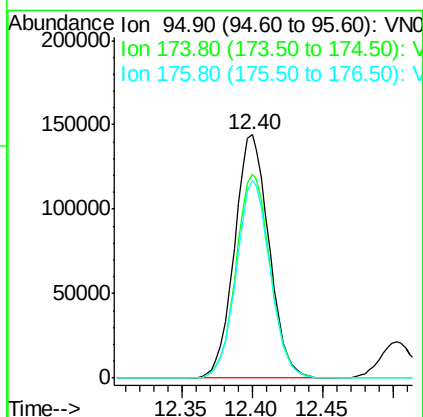
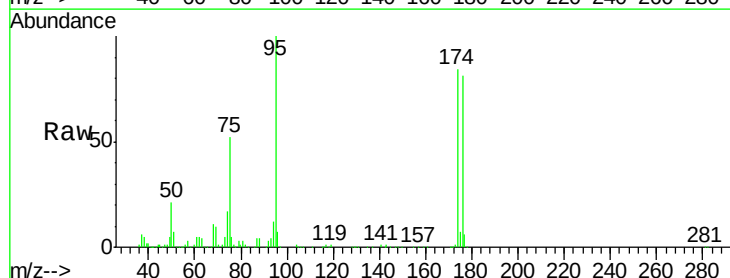
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

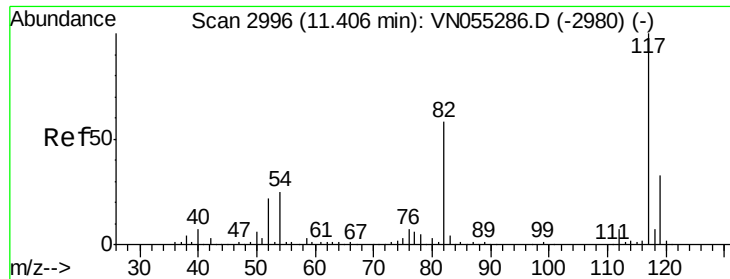
Tot Ion: 107 Resp: 175521
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.258 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Tgt Ion: 95 Resp: 247466
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 166.6
 176 79.9 0.0 157.8

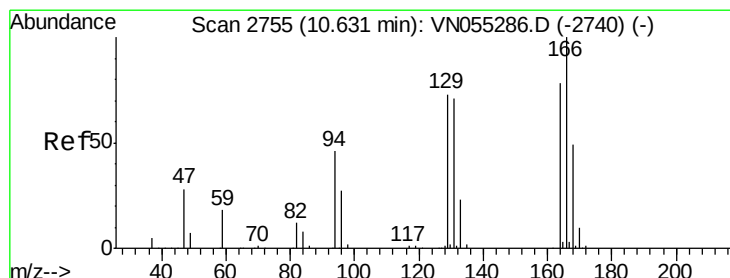
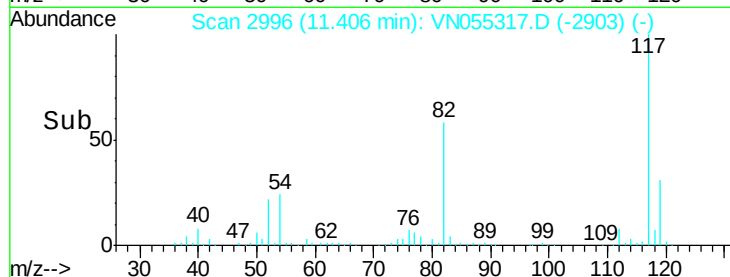
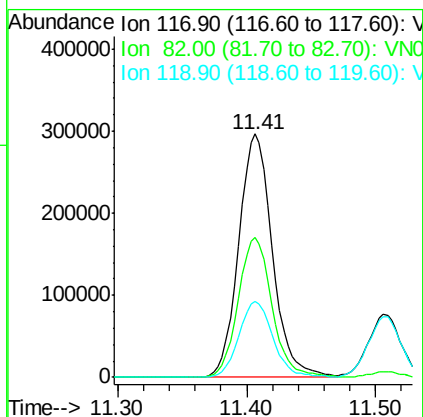
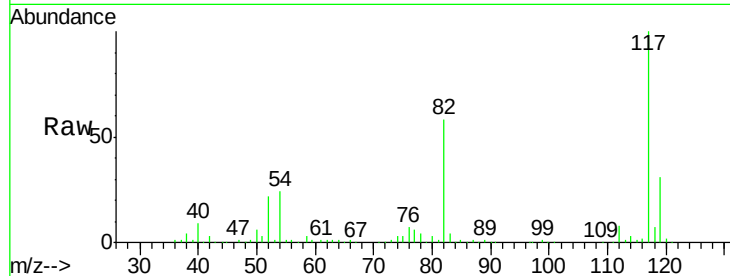




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

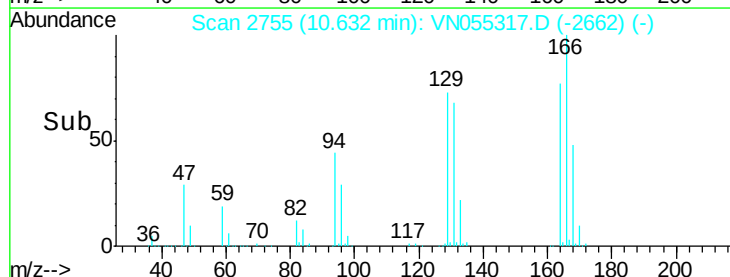
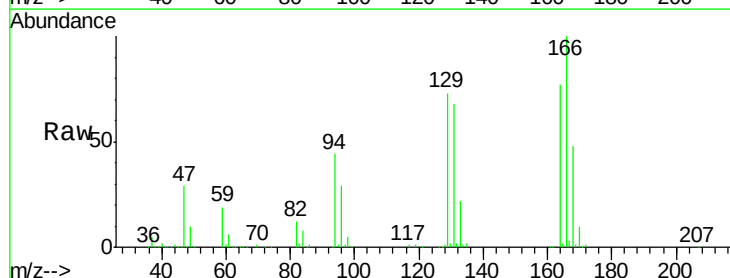
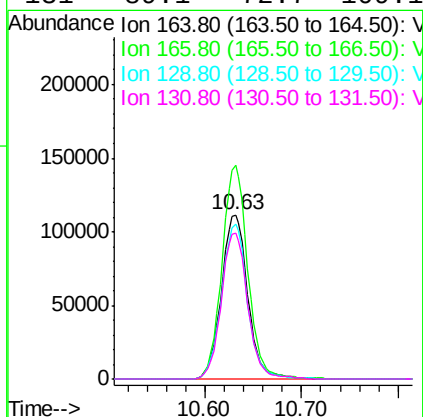
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

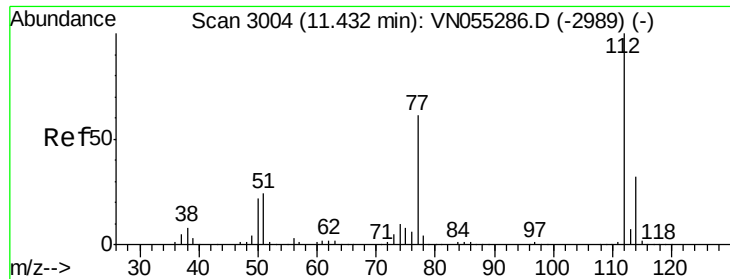
Tot Ion:117 Resp: 539573
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.4 26.6 40.0



#64
Tetrachloroethene
Concen: 47.674 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion:164 Resp: 210362
Ion Ratio Lower Upper
164 100
166 130.1 102.3 153.5
129 94.4 75.0 112.6
131 89.1 72.7 109.1

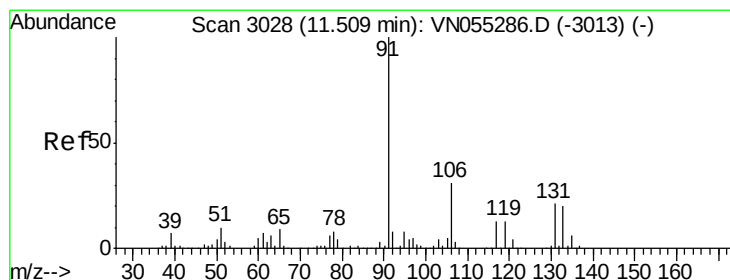
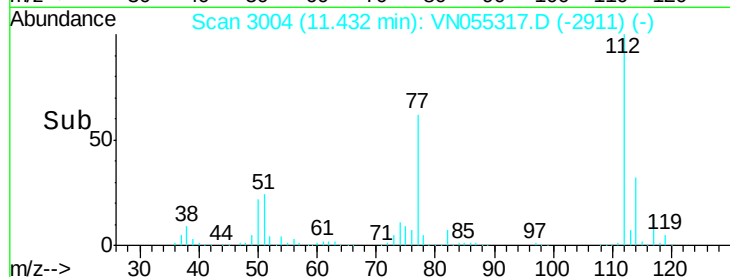
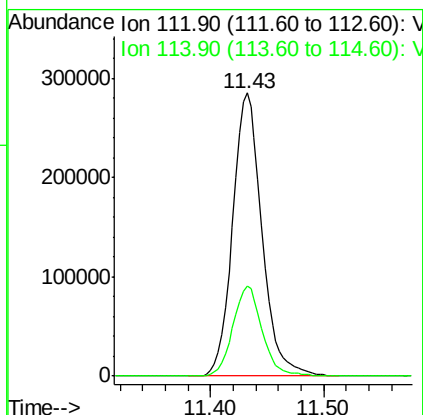
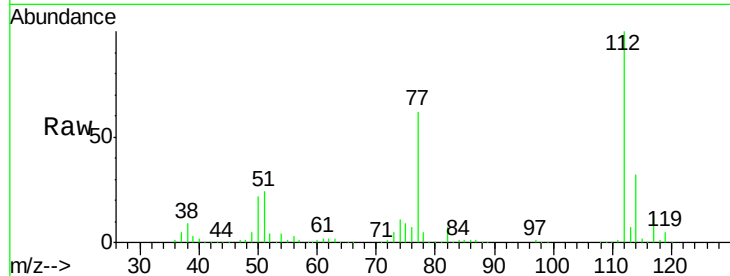




#65
Chlorobenzene
Concen: 48.610 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

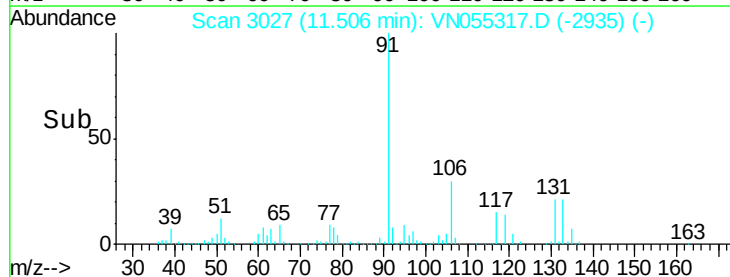
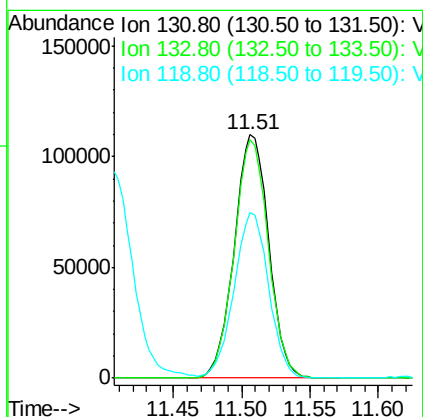
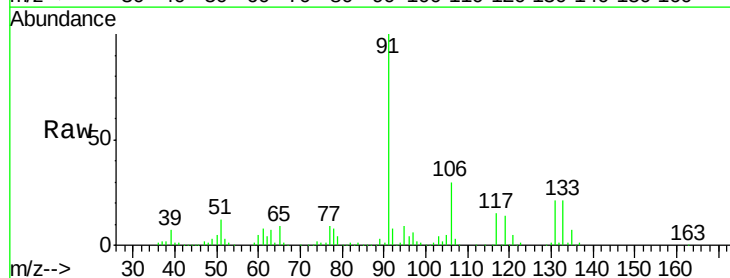
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

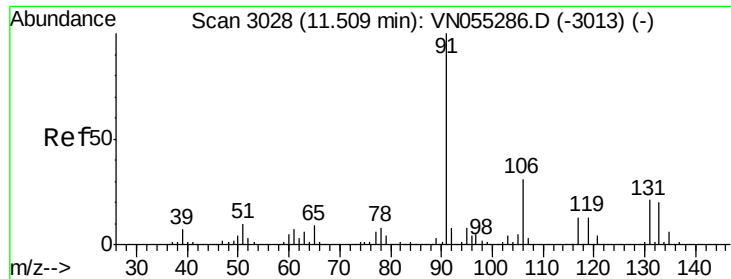
Tot Ion:112 Resp: 512811
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 46.843 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion:131 Resp: 193498
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.6
119 68.0 32.7 98.1

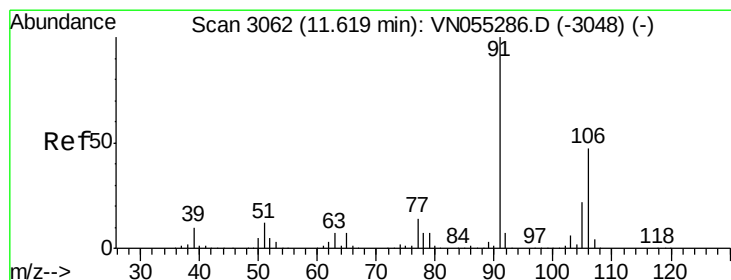
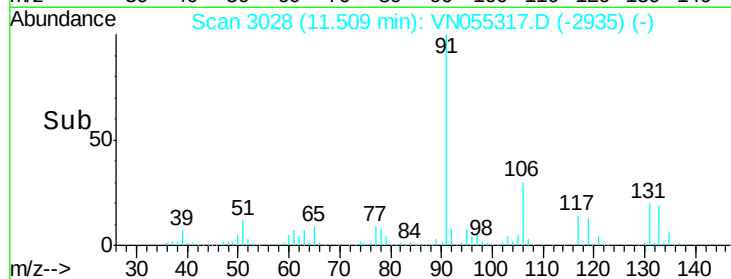
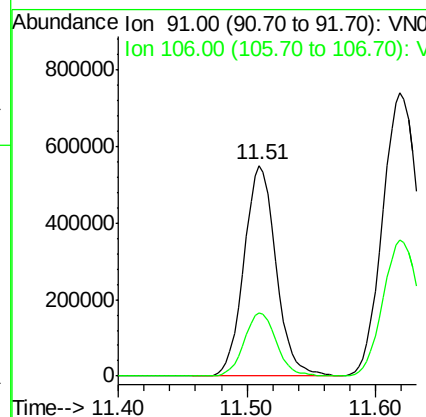
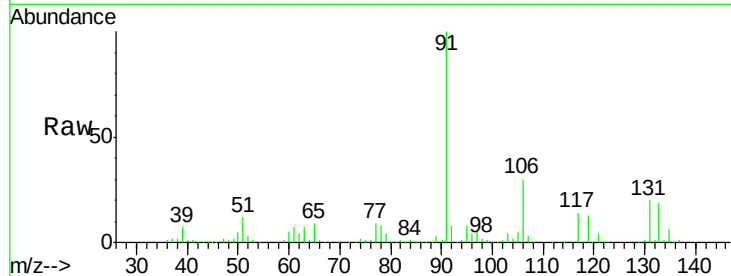




#67
Ethyl Benzene
Concen: 49.953 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

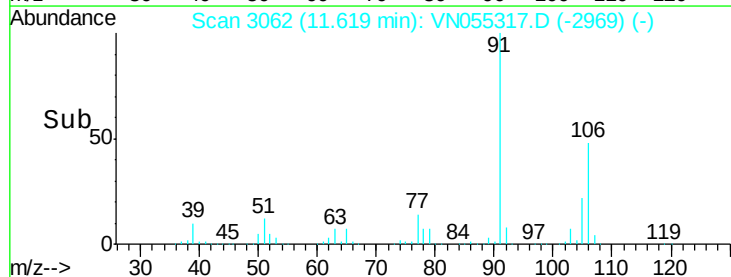
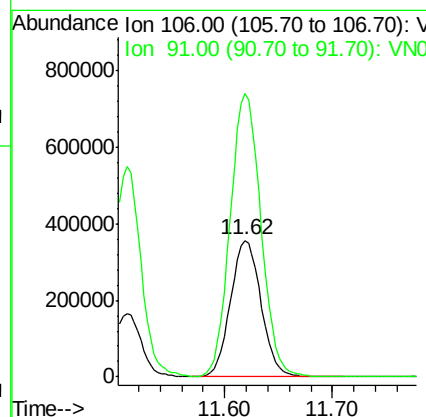
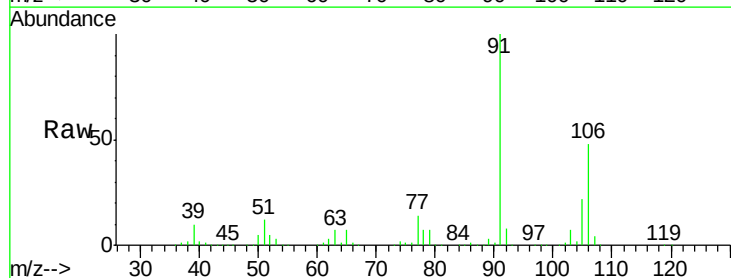
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

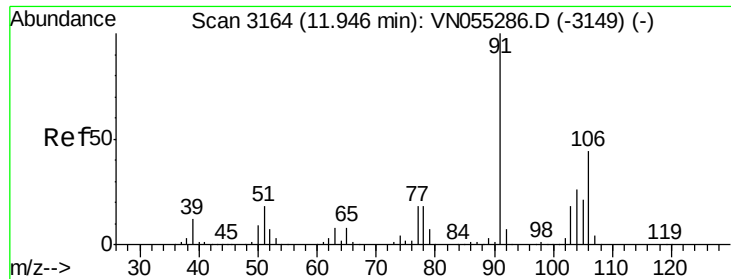
Tot Ion: 91 Resp: 951604
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8



#68
m/p-Xylenes
Concen: 103.265 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 106 Resp: 702181
Ion Ratio Lower Upper
106 100
91 208.7 169.5 254.3

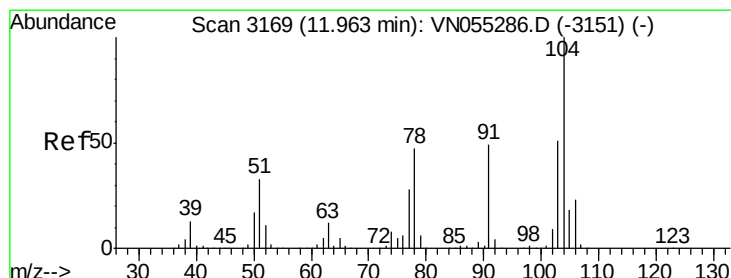
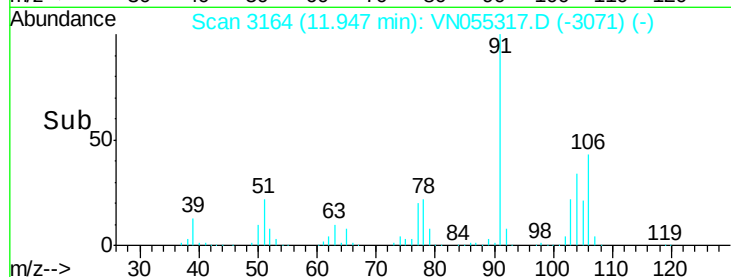
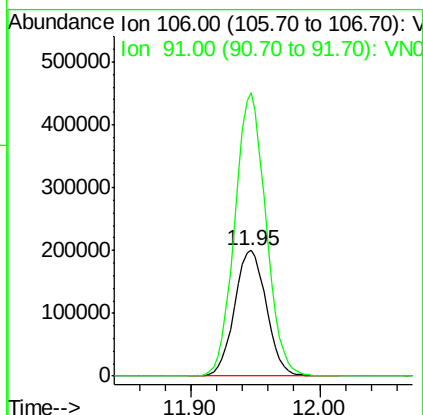
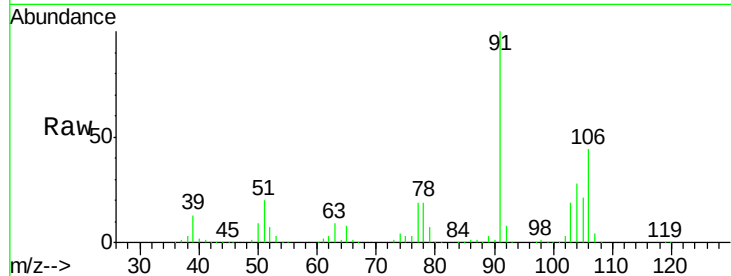




#69
o-Xylene
Concen: 51.006 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

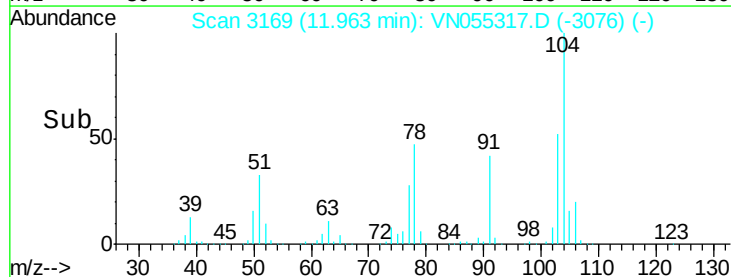
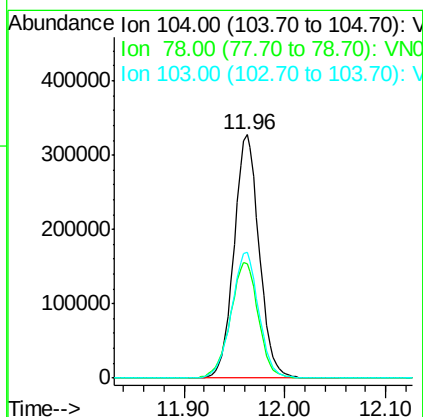
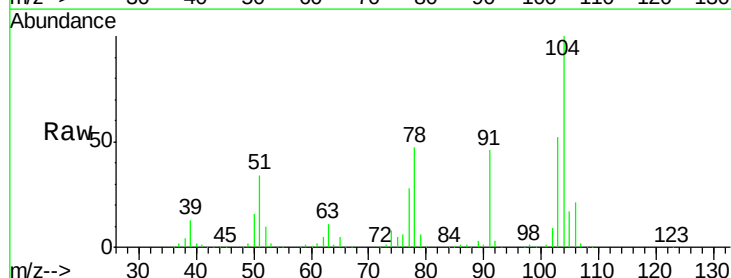
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

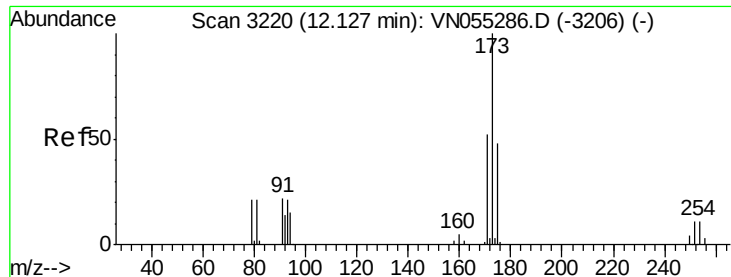
Tot Ion:106 Resp: 343769
Ion Ratio Lower Upper
106 100
91 220.6 111.5 334.5



#70
Styrene
Concen: 54.918 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion:104 Resp: 568308
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.2
103 56.0 44.6 67.0





#71

Bromoform

Concen: 53.472 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

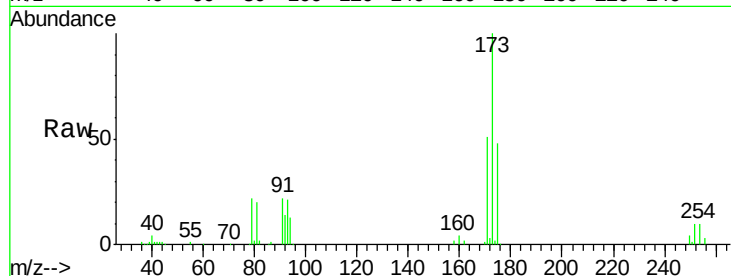
Tot Ion:173 Resp: 122564

Ion Ratio Lower Upper

173 100

175 48.7 23.6 71.0

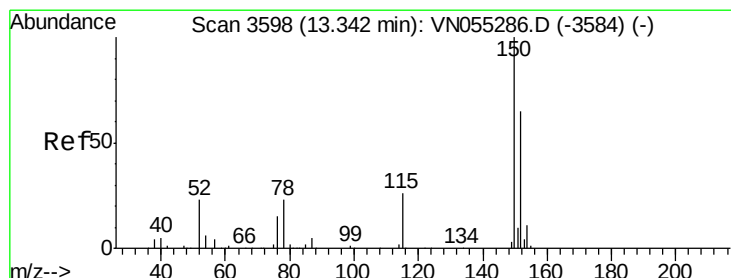
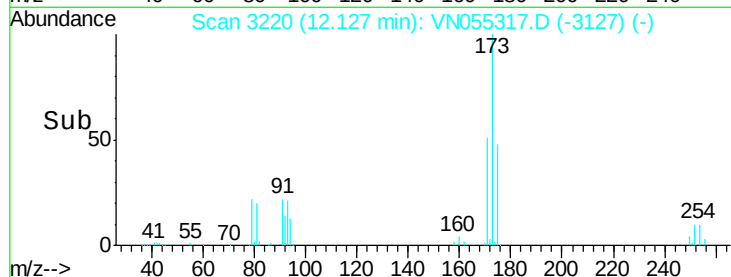
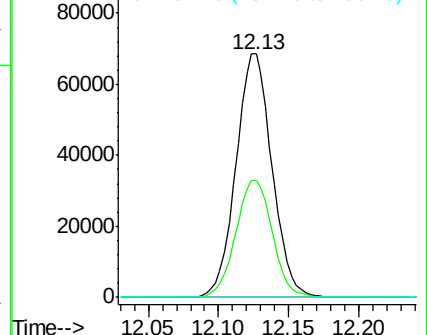
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

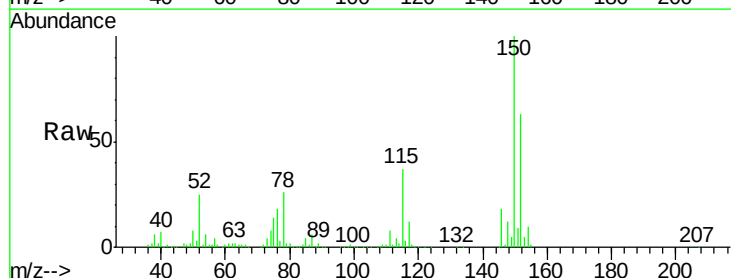
Tgt Ion:152 Resp: 228313

Ion Ratio Lower Upper

152 100

115 59.1 29.0 87.0

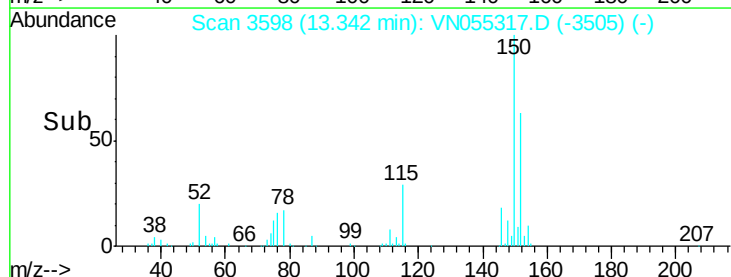
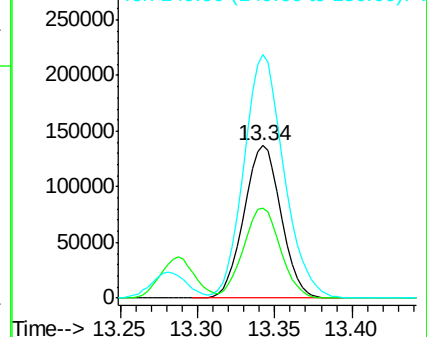
150 171.9 0.0 345.6

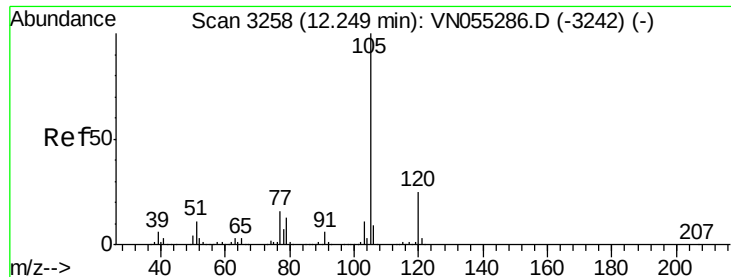


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.727 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

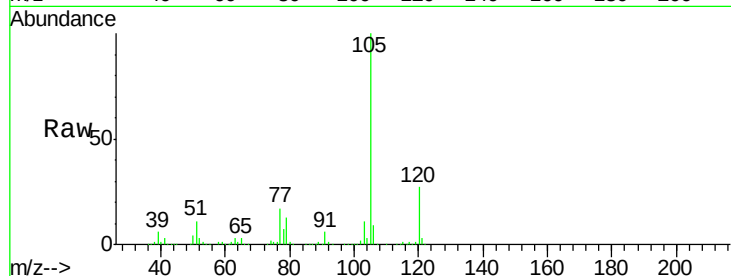
VSTDCCC050

Tot Ion:105 Resp: 920712

Ion Ratio Lower Upper

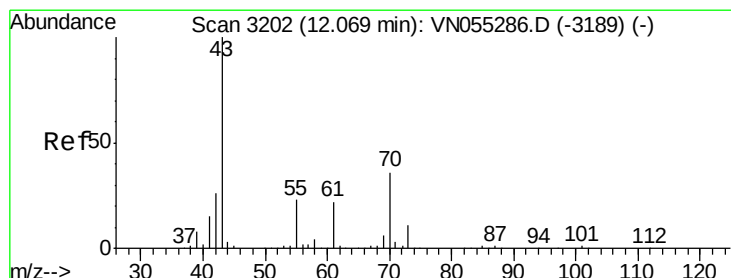
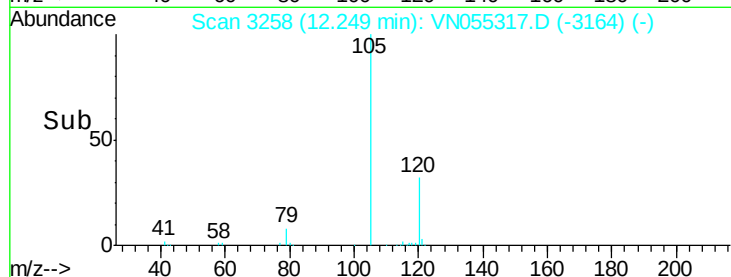
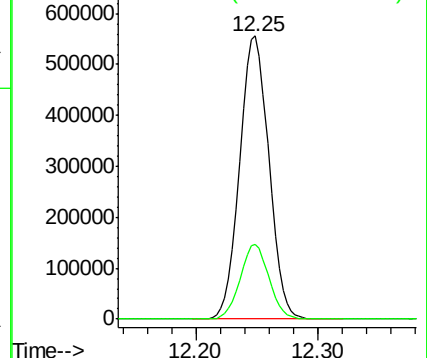
105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.630 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Tgt Ion: 43 Resp: 279083

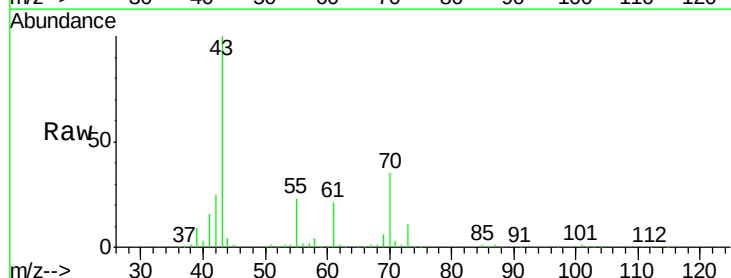
Ion Ratio Lower Upper

43 100

70 34.8 27.9 41.9

55 23.5 18.2 27.2

61 21.5 16.9 25.3

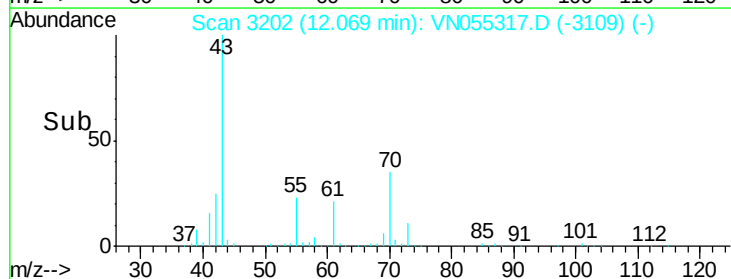
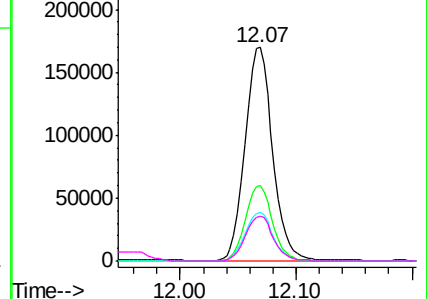


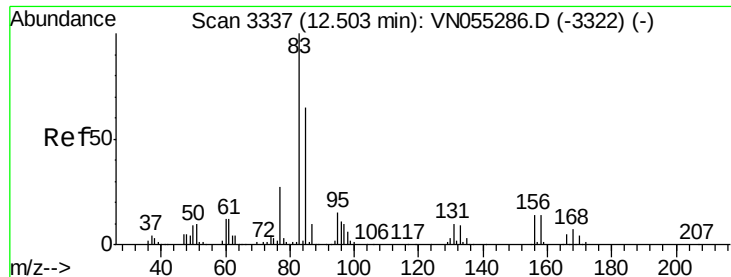
Abundance Ion 43.00 (42.70 to 43.70): V

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: 48.510 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

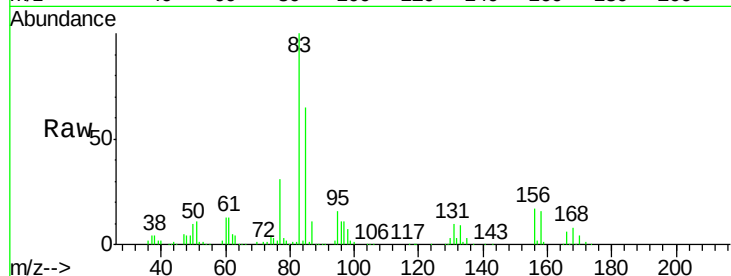
Tot Ion: 83 Resp: 219871

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

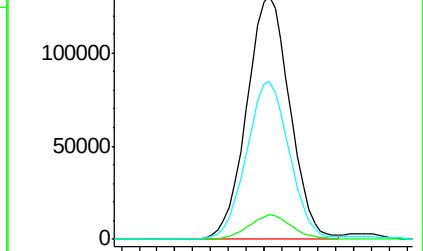
85 64.4 32.3 96.8



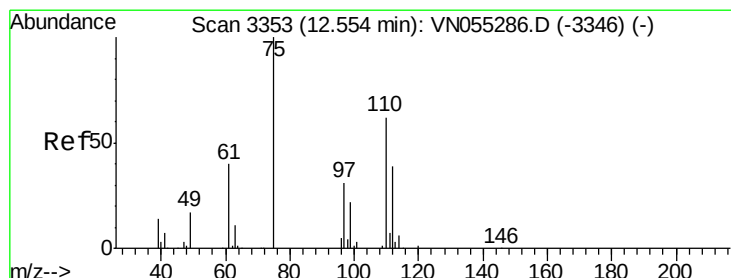
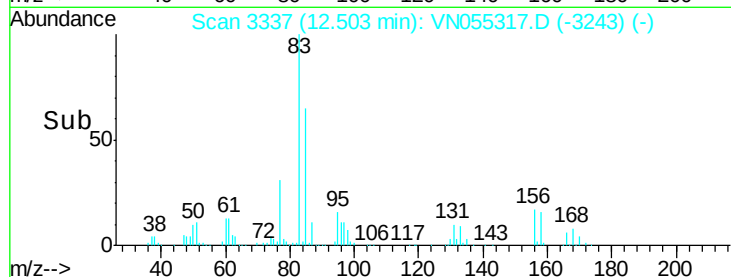
Abundance Ion 82.90 (82.60 to 83.60): VN055317.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055317.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055317.D (-3243) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 63.512 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055317.D

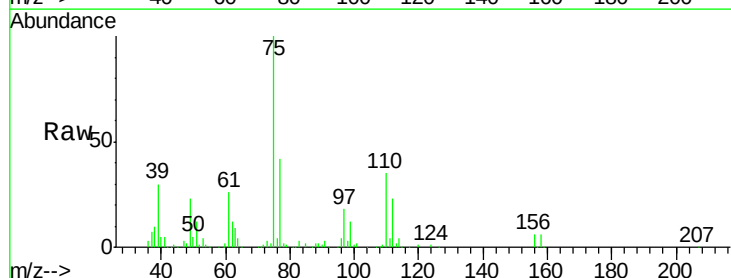
Acq: 1 May 2019 9:47

Tgt Ion: 75 Resp: 266644

Ion Ratio Lower Upper

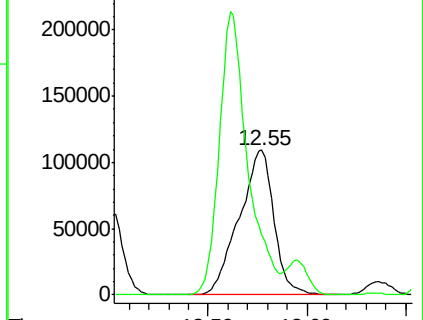
75 100

77 0.0 0.0 0.0

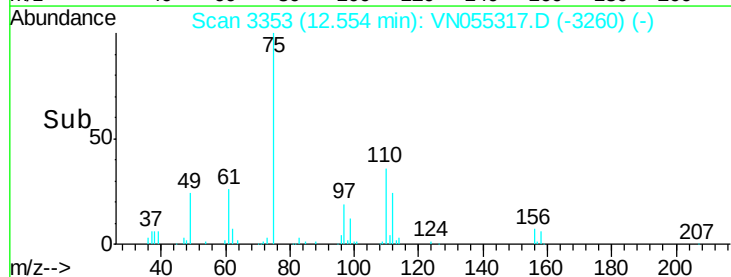


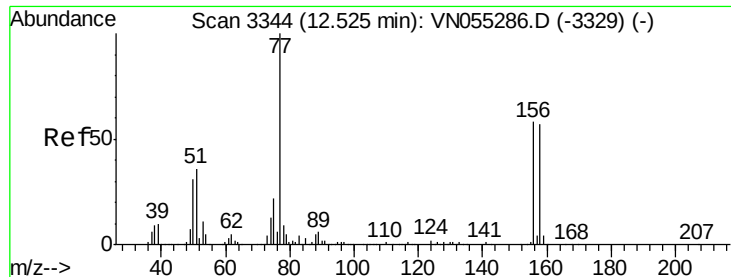
Abundance Ion 74.90 (74.60 to 75.60): VN055317.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055317.D (-3260) (-)



Time-->





#77

Bromobenzene

Concen: 50.454 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

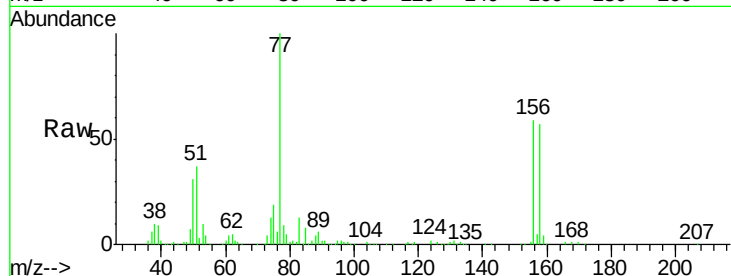
Tot Ion:156 Resp: 219655

Ion Ratio Lower Upper

156 100

77 197.6 99.6 298.8

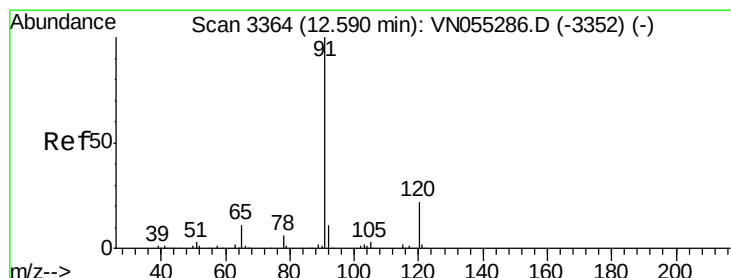
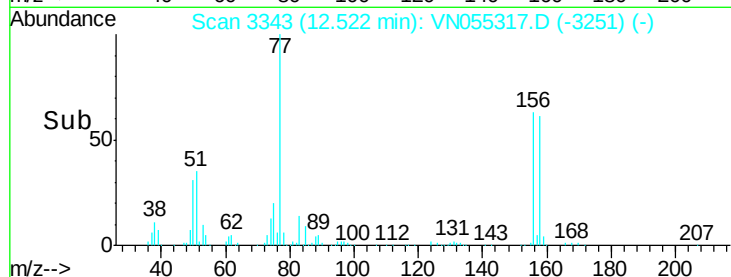
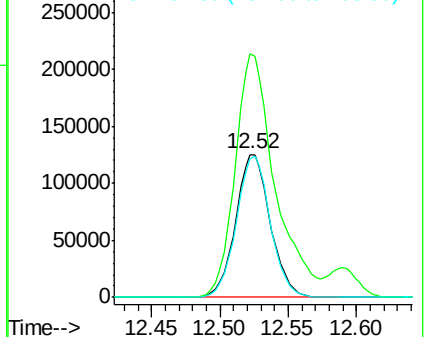
158 97.1 49.3 147.8



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: 44.170 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055317.D

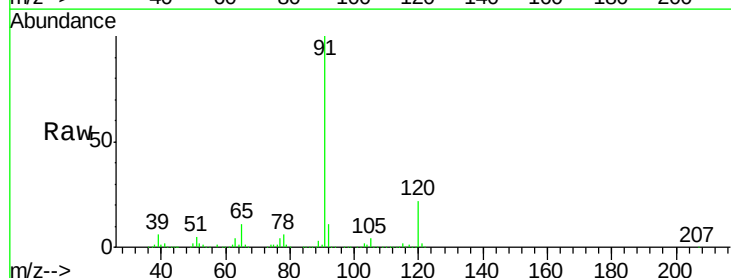
Acq: 1 May 2019 9:47

Tgt Ion: 91 Resp: 1035896

Ion Ratio Lower Upper

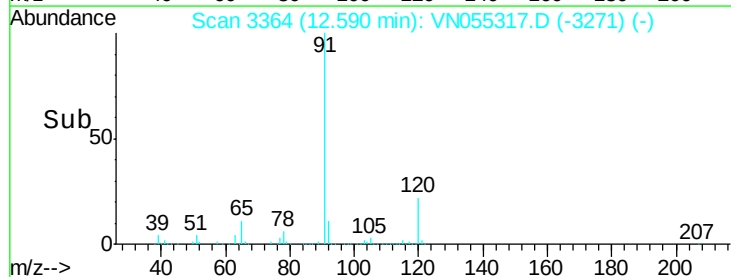
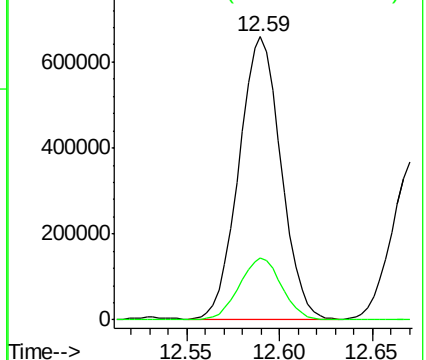
91 100

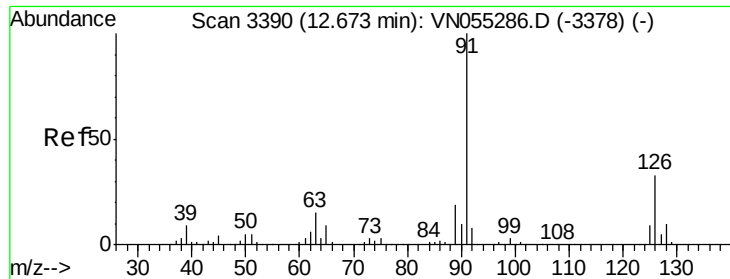
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.476 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

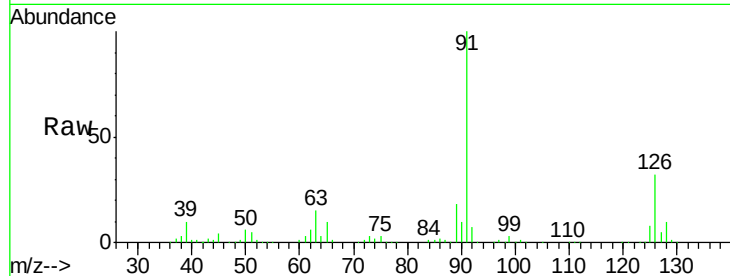
VSTDCCC050

Tot Ion: 91 Resp: 635973

Ion Ratio Lower Upper

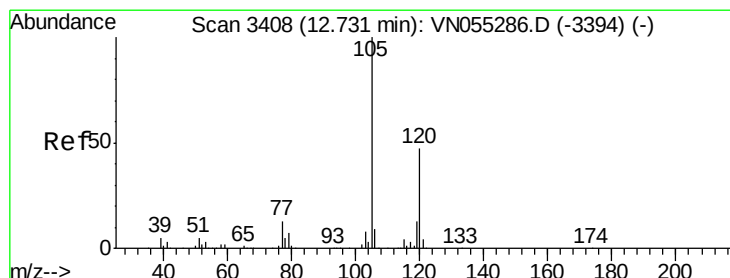
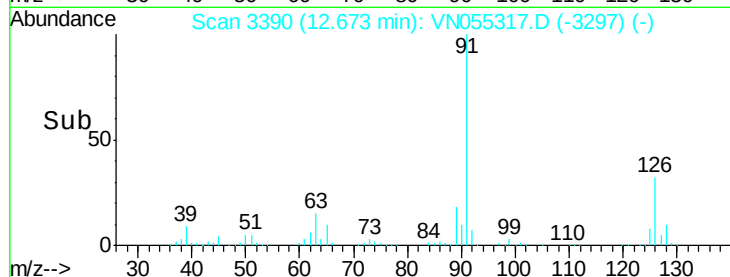
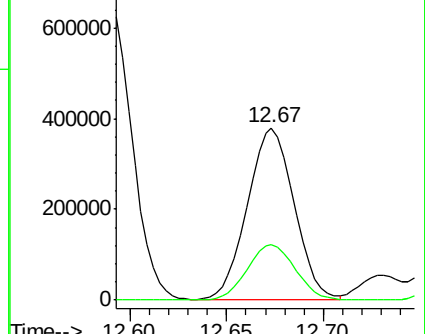
91 100

126 33.1 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055286.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.164 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055317.D

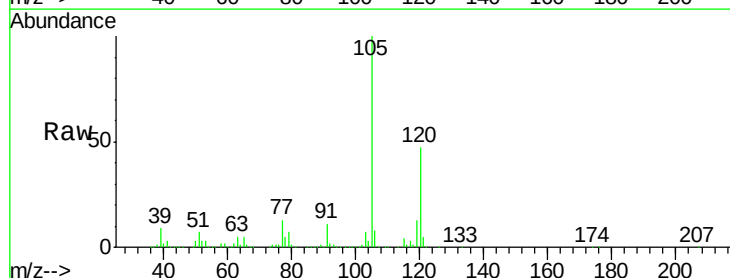
Acq: 1 May 2019 9:47

Tgt Ion:105 Resp: 790494

Ion Ratio Lower Upper

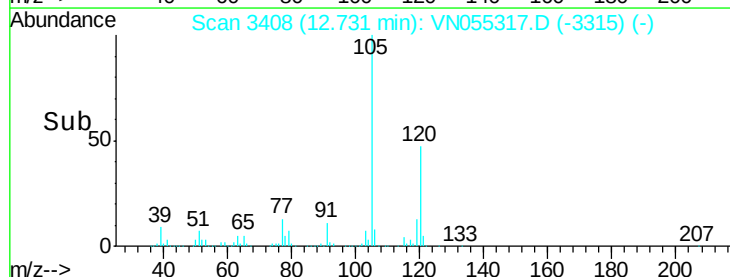
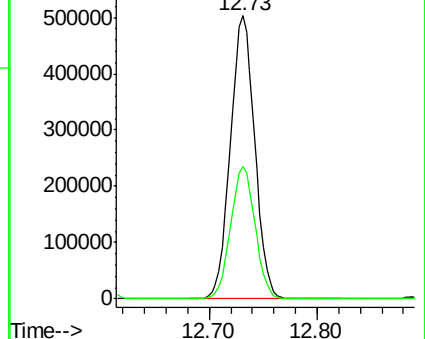
105 100

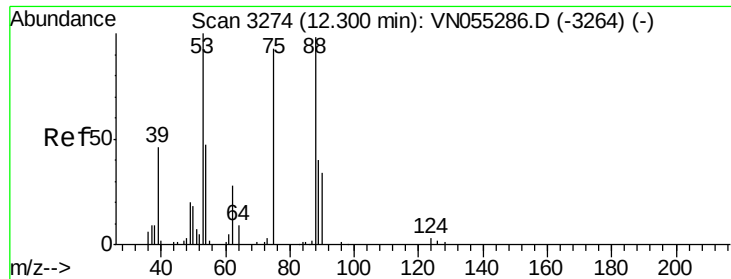
120 47.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)

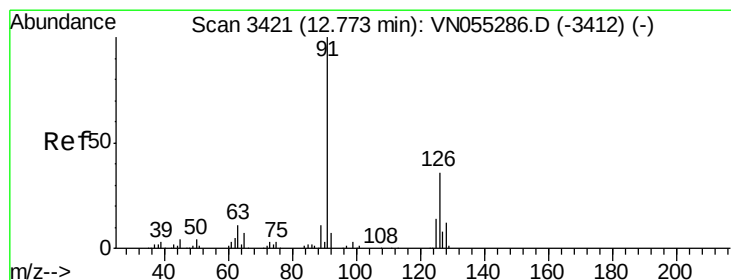
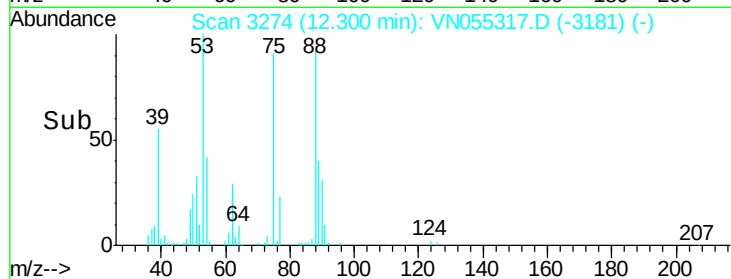
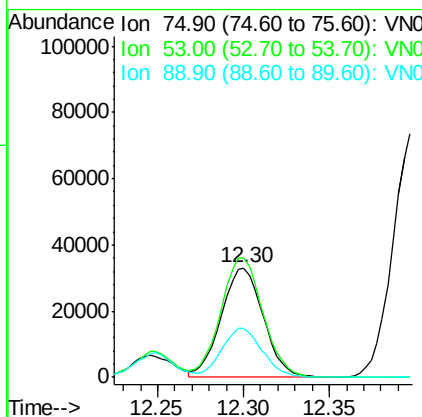
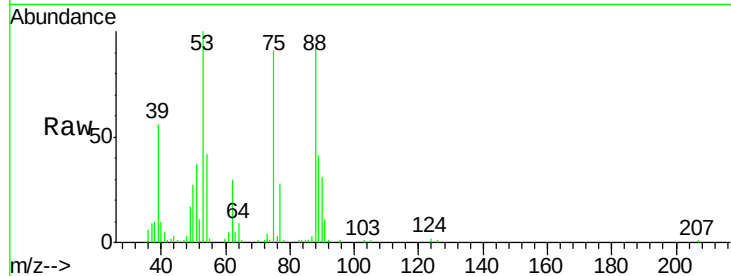




#81
trans-1,4-Dichloro-2-butene
Concen: 47.054 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

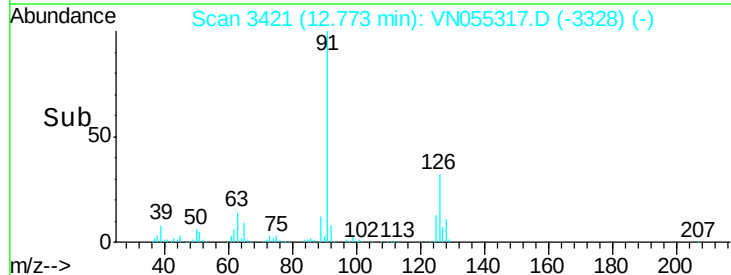
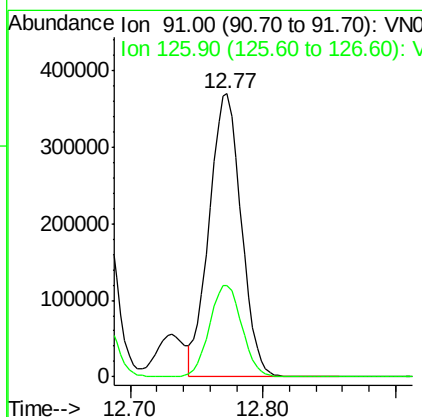
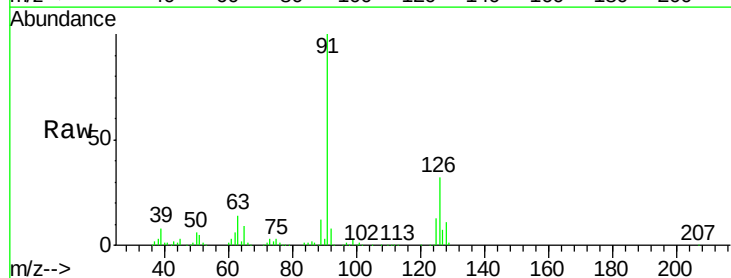
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

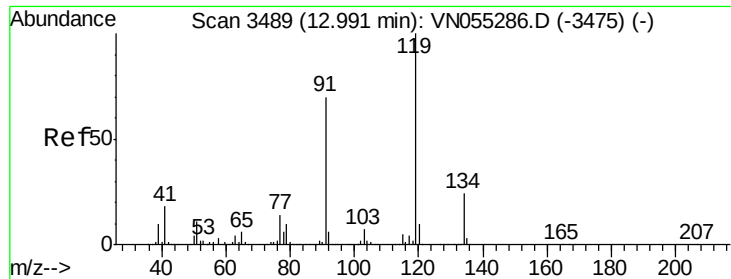
Tot Ion: 75 Resp: 56689
Ion Ratio Lower Upper
75 100
53 108.2 86.3 129.5
89 43.4 34.6 51.8



#82
4-Chlorotoluene
Concen: 45.535 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 91 Resp: 620915
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7

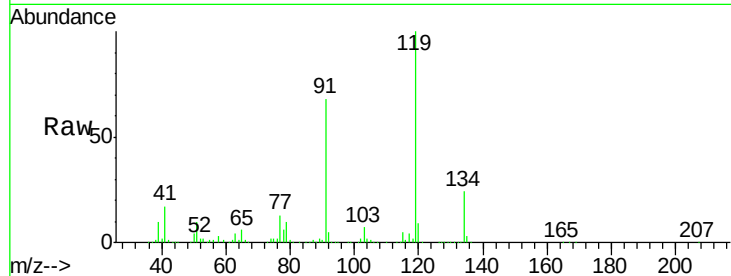




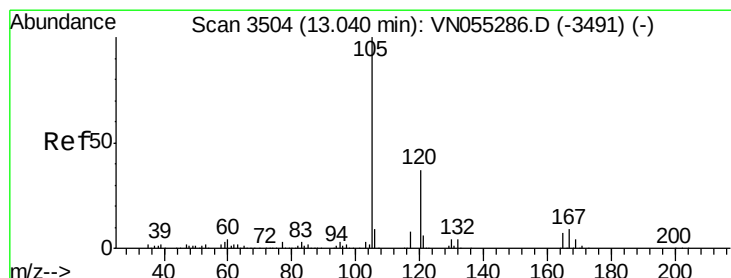
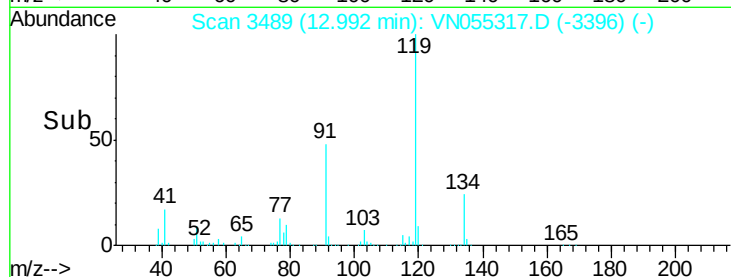
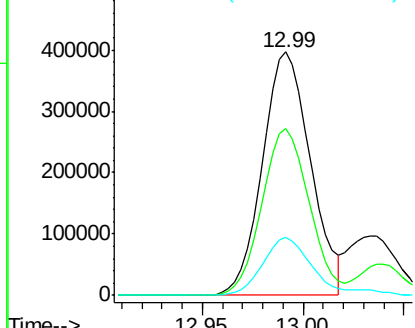
#83
 tert-Butylbenzene
 Concen: 52.093 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 658434
 Ion Ratio Lower Upper
 119 100
 91 67.4 34.3 102.9
 134 25.4 13.1 39.3

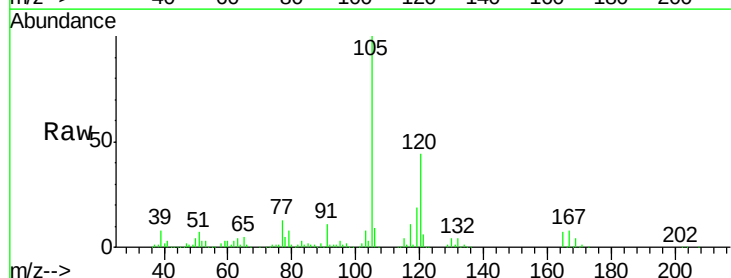


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

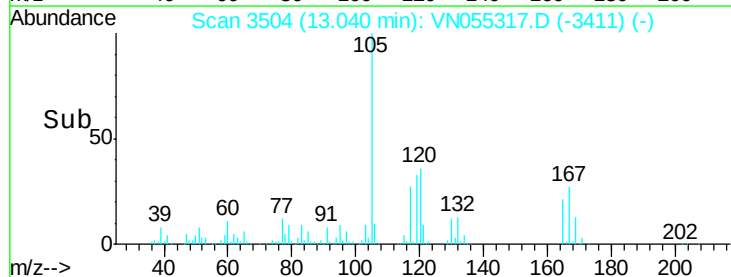
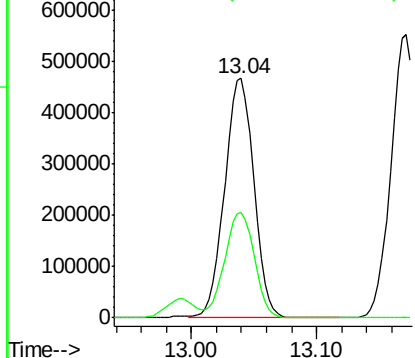


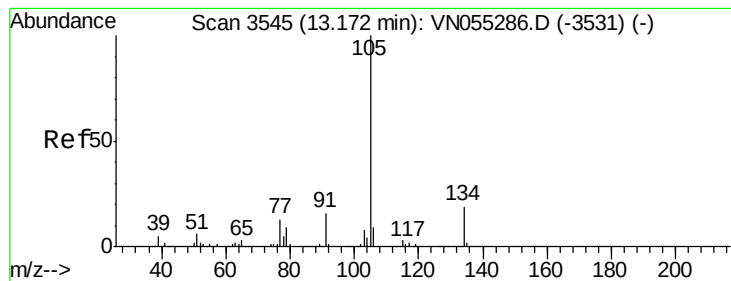
#84
 1,2,4-Trimethylbenzene
 Concen: 47.148 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Tgt Ion:105 Resp: 754740
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 44.243 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

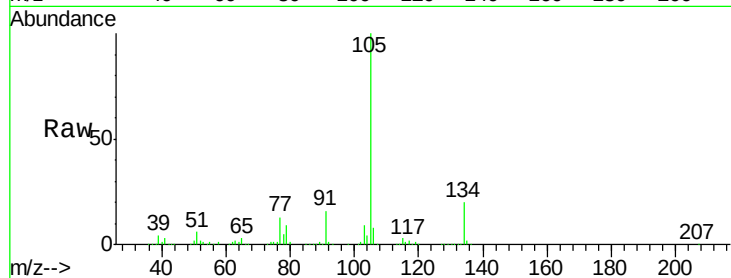
VSTDCCC050

Tot Ion:105 Resp: 860720

Ion Ratio Lower Upper

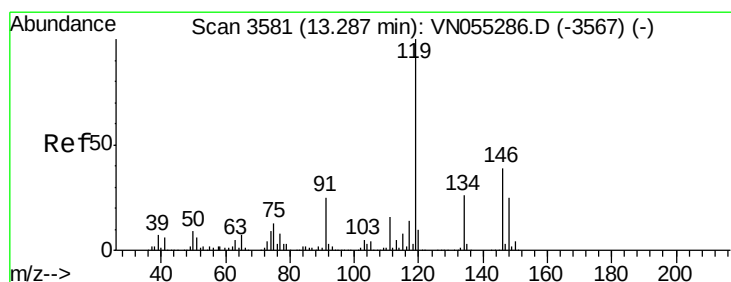
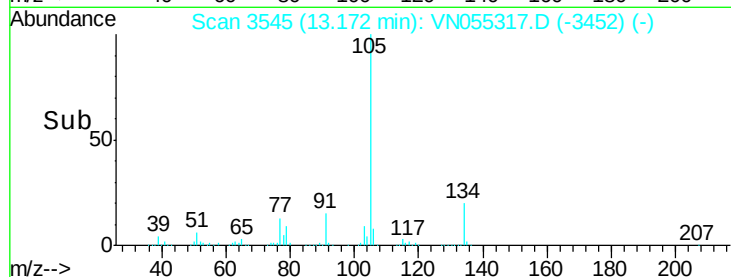
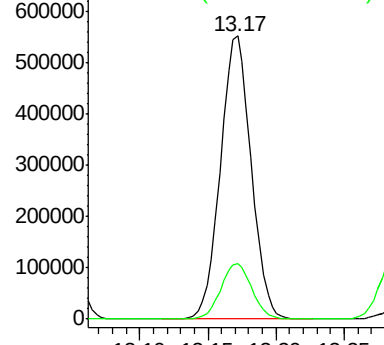
105 100

134 19.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.025 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

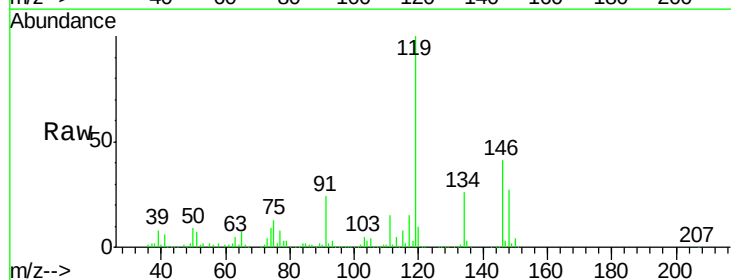
Tgt Ion:119 Resp: 751929

Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

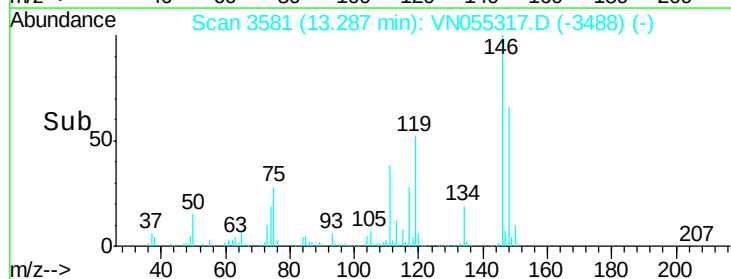
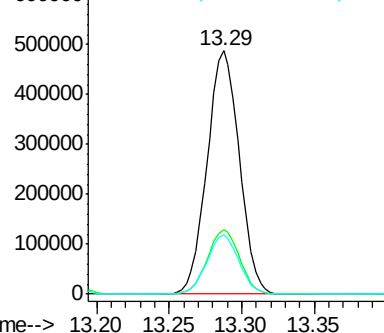
91 24.2 12.2 36.6

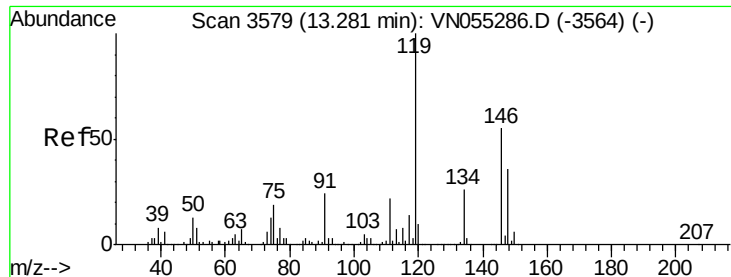


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

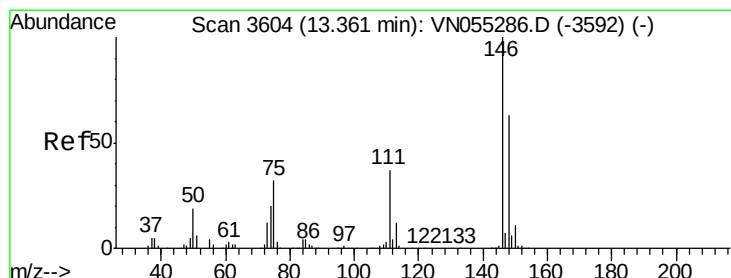
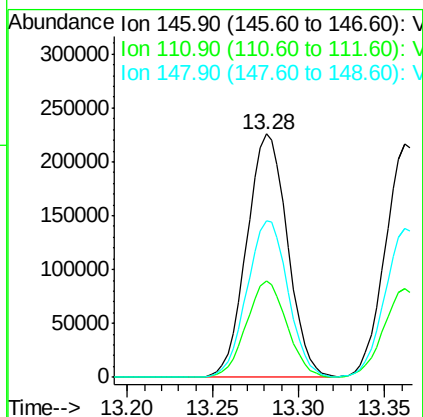
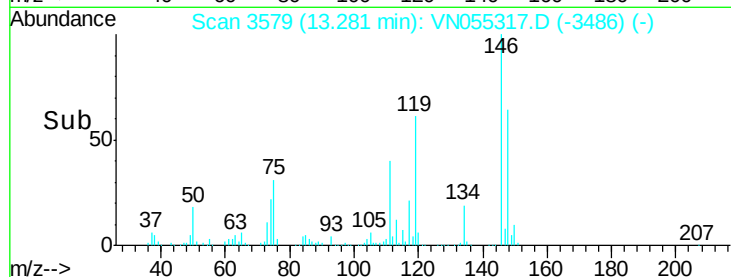
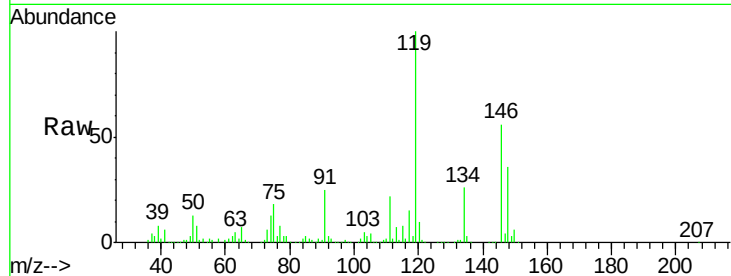




#87
 1,3-Dichlorobenzene
 Concen: 48.578 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

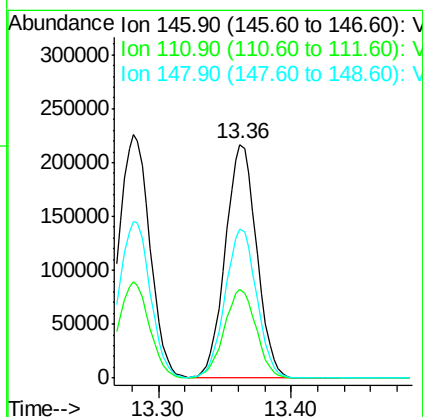
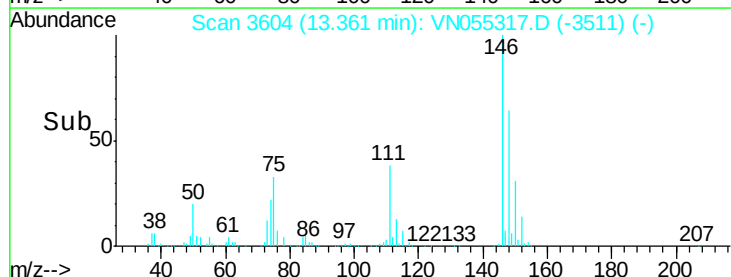
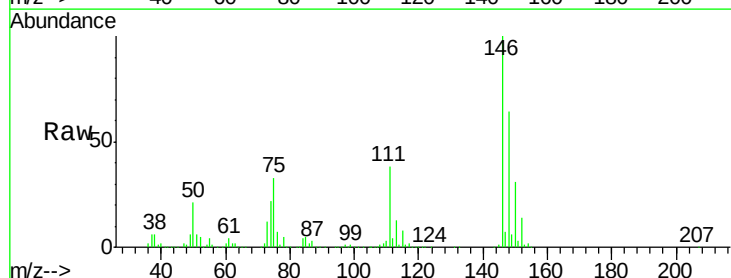
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

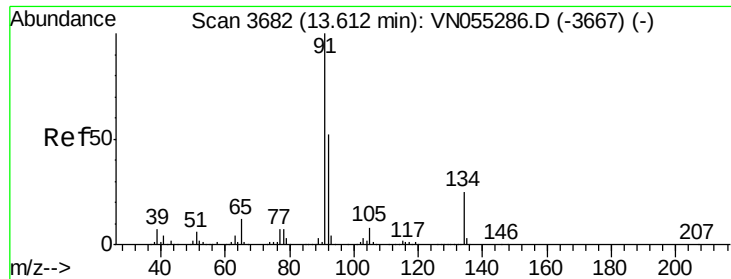
Tot Ion:146 Resp: 371136
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.3 60.8
 148 64.8 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 49.477 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Tgt Ion:146 Resp: 355976
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.5 58.5
 148 64.1 32.5 97.4

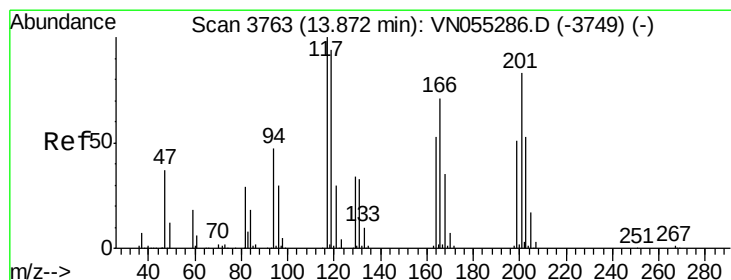
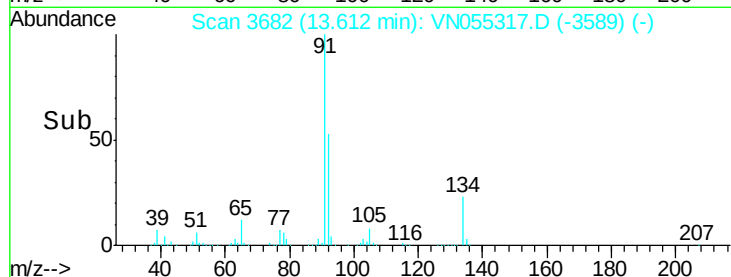
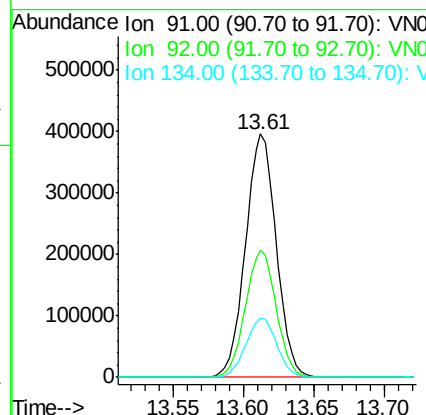
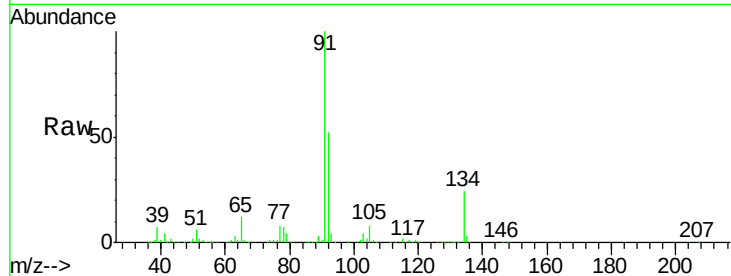




#89
n-Butylbenzene
Concen: 53.260 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

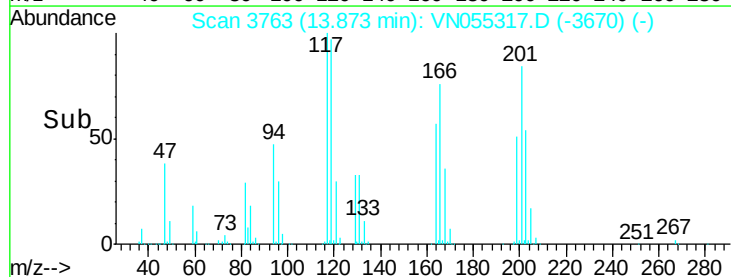
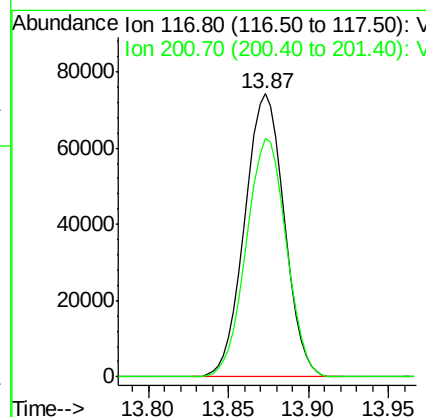
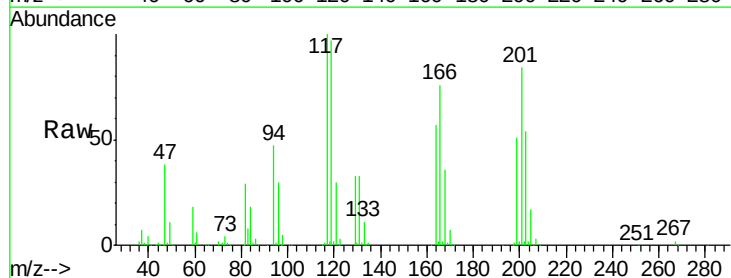
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

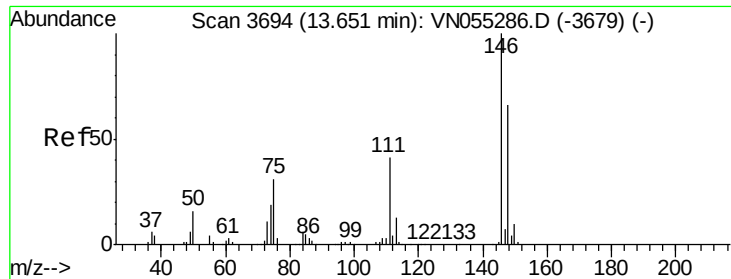
Tot Ion: 91 Resp: 605155
Ion Ratio Lower Upper
91 100
92 52.5 26.1 78.3
134 24.7 12.4 37.4



#90
Hexachloroethane
Concen: 49.407 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055317.D
Acq: 1 May 2019 9:47

Tgt Ion: 117 Resp: 125137
Ion Ratio Lower Upper
117 100
201 85.4 41.9 125.8

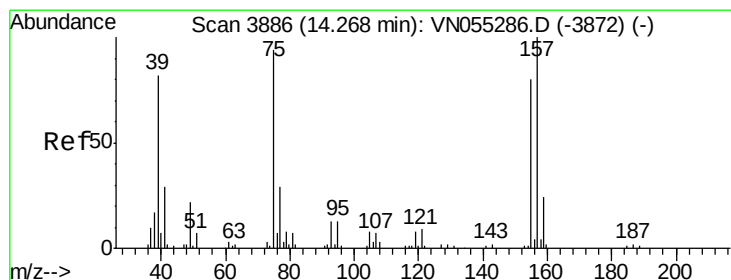
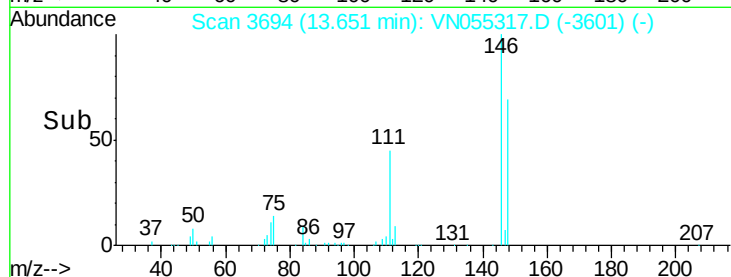
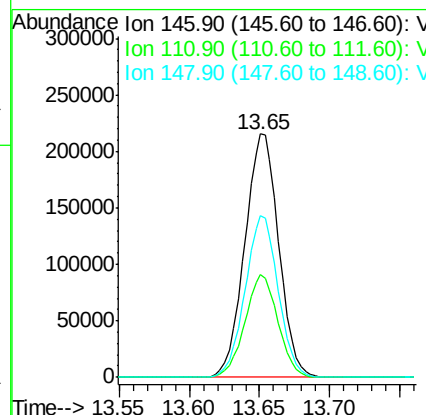
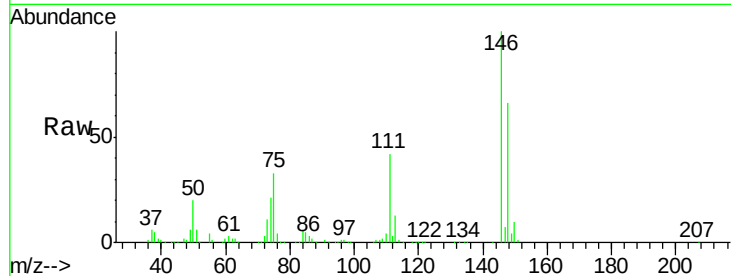




#91
 1,2-Dichlorobenzene
 Concen: 47.848 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

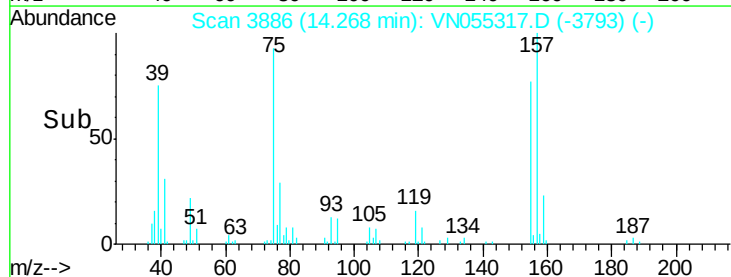
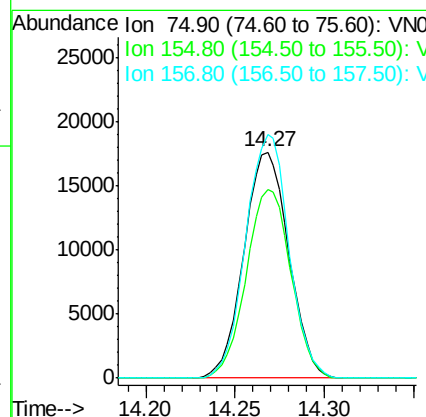
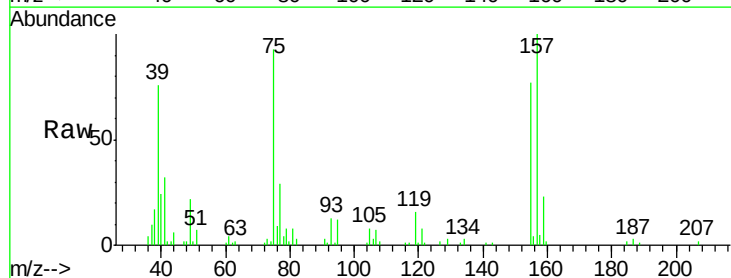
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

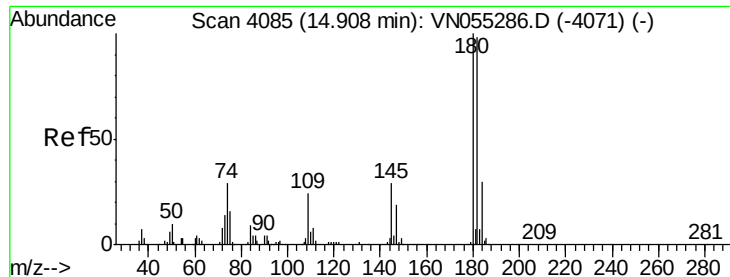
Tot Ion:146 Resp: 362309
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 61.0
 148 64.7 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.645 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Tgt Ion: 75 Resp: 31021
 Ion Ratio Lower Upper
 75 100
 155 82.8 41.5 124.6
 157 103.5 54.0 162.2

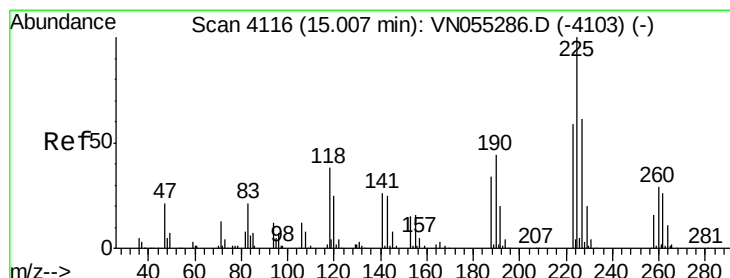
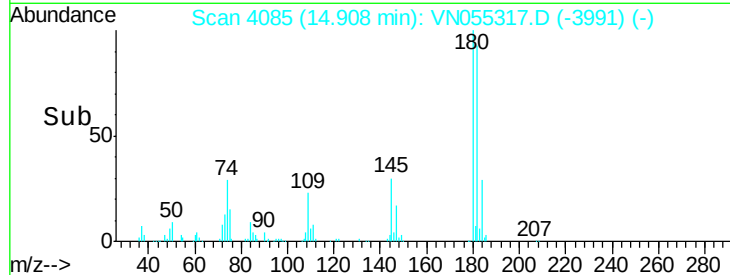
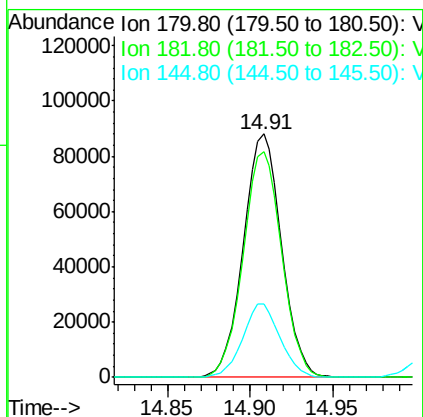
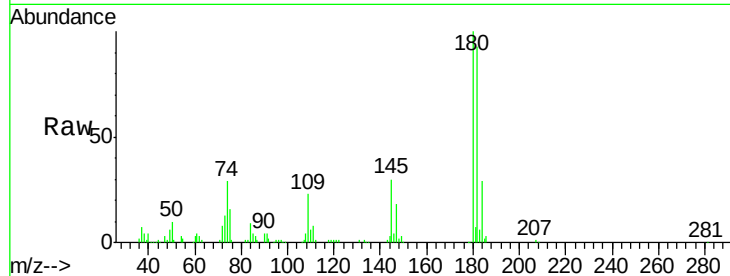




#93
 1,2,4-Trichlorobenzene
 Concen: 47.500 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

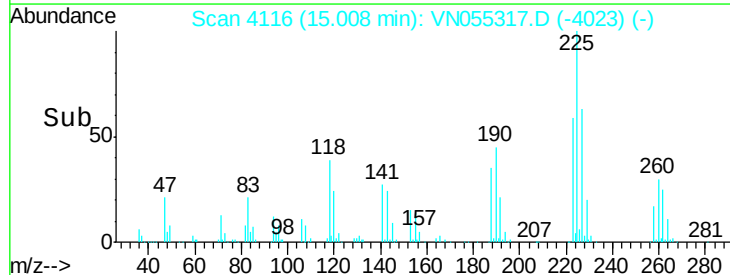
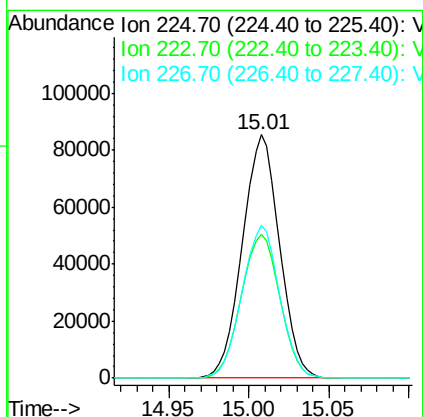
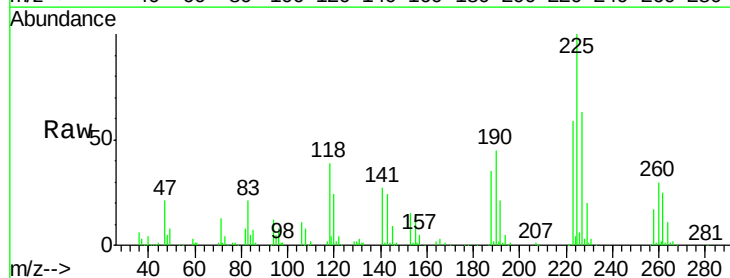
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

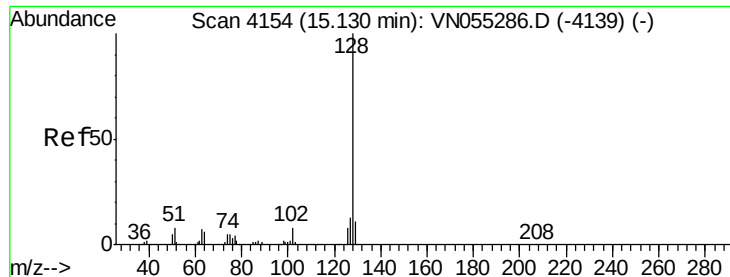
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.3	144.9
145	29.6	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 59.906 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055317.D
 Acq: 1 May 2019 9:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	30.3	90.8
227	63.3	30.9	92.7





#95

Naphthalene

Concen: 42.500 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

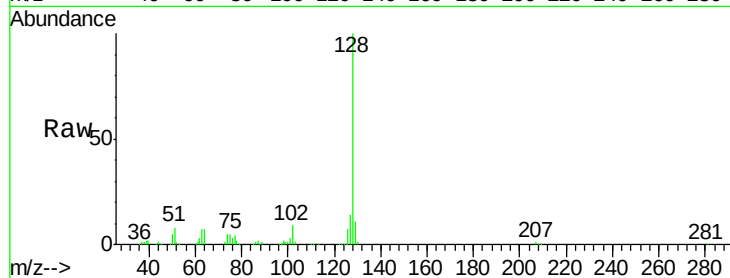
Tot Ion:128 Resp: 266314

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

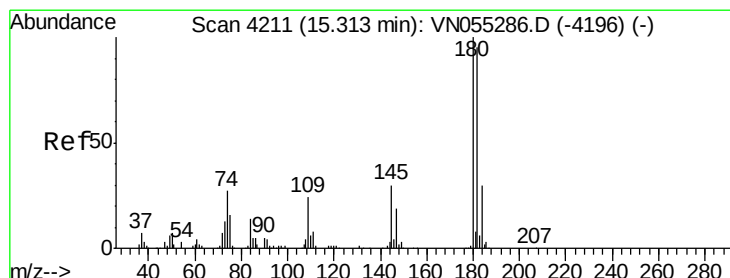
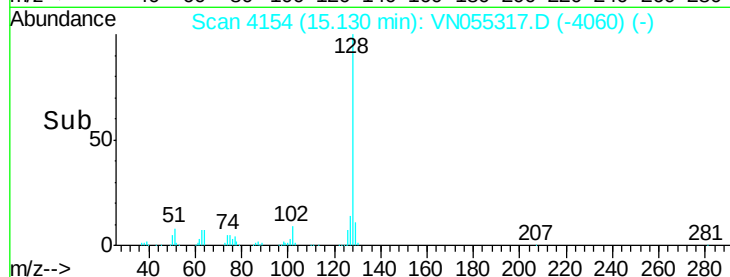
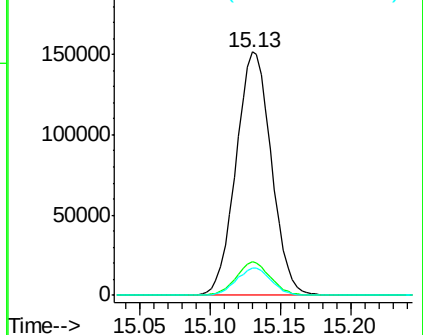
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.565 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055317.D

Acq: 1 May 2019 9:47

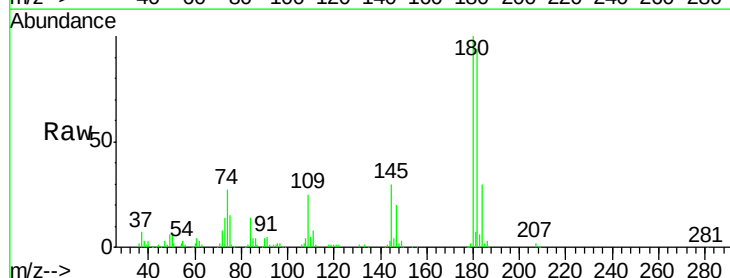
Tgt Ion:180 Resp: 142542

Ion Ratio Lower Upper

180 100

182 94.3 48.3 144.9

145 30.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

