

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055566.D
 Acq On : 13 May 2019 9:30
 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 14 01:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	711100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1171274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1036198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	429766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	471762	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	
35) Dibromofluoromethane	7.59	113	377987	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.09	98	1468062	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	499667	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	315706	43.607	ug/l	98
3) Chloromethane	2.06	50	491909	41.823	ug/l	98
4) Vinyl Chloride	2.19	62	493061	44.409	ug/l	100
5) Bromomethane	2.54	94	279264	45.907	ug/l	98
6) Chloroethane	2.69	64	305113	47.179	ug/l	97
7) Trichlorofluoromethane	3.01	101	582354	47.811	ug/l	100
8) Diethyl Ether	3.41	74	253314	46.308	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	373228	48.162	ug/l	98
10) Methyl Iodide	3.94	142	471241	44.991	ug/l	99
11) Tert butyl alcohol	4.81	59	309269	195.632	ug/l	99
12) 1,1-Dichloroethene	3.73	96	360983	46.447	ug/l	99
13) Acrolein	3.60	56	275732	261.706	ug/l	98
14) Allyl chloride	4.32	41	719833	45.215	ug/l	98
15) Acrylonitrile	4.99	53	1058611	216.259	ug/l	100
16) Acetone	3.82	43	1182073	238.438	ug/l	97
17) Carbon Disulfide	4.04	76	985262	46.449	ug/l	100
18) Methyl Acetate	4.33	43	447086	42.816	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1182069	45.773	ug/l	99
20) Methylene Chloride	4.54	84	447608	44.154	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	401431	47.640	ug/l	93
22) Diisopropyl ether	5.95	45	1522731	47.067	ug/l	98
23) Vinyl Acetate	5.89	43	5838040	233.337	ug/l	99
24) 1,1-Dichloroethane	5.85	63	807316	46.227	ug/l	100
25) 2-Butanone	6.84	43	1525714	222.788	ug/l	98
26) 2,2-Dichloropropane	6.82	77	552735	50.770	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	466019	47.854	ug/l	99
28) Bromochloromethane	7.19	49	414756	45.731	ug/l	96
29) Tetrahydrofuran	7.21	42	925891	204.514	ug/l	99
30) Chloroform	7.37	83	757502	46.919	ug/l	99
31) Cyclohexane	7.65	56	758065	43.871	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	595659	48.449	ug/l	100
36) 1,1-Dichloropropene	7.79	75	578879	50.167	ug/l	98
37) Ethyl Acetate	6.93	43	566967	45.043	ug/l	99
38) Carbon Tetrachloride	7.77	117	496874	51.138	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	690515	49.080	ug/l	99
40) Benzene	8.04	78	1792713	50.058	ug/l	99
41) Methacrylonitrile	7.17	41	272568	46.655	ug/l	94
42) 1,2-Dichloroethane	8.12	62	597502	47.489	ug/l	99
43) Isopropyl Acetate	8.16	43	895264	46.816	ug/l	98
44) Trichloroethene	8.83	130	430371	50.506	ug/l	96
45) 1,2-Dichloropropane	9.12	63	504871	49.271	ug/l	99
46) Dibromomethane	9.21	93	293577	49.429	ug/l	98
47) Bromodichloromethane	9.40	83	588383	51.783	ug/l	97
48) Methyl methacrylate	9.20	41	422389	45.844	ug/l	97
49) 1,4-Dioxane	9.20	88	159765	889.678	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	2809232	223.364	ug/l	99
52) Toluene	10.15	92	1067981	52.163	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	596109	54.624	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	707842	54.281	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	412097	49.678	ug/l	99
56) Ethyl methacrylate	10.43	69	600865	48.697	ug/l	98
57) 1,3-Dichloropropane	10.71	76	735462	49.940	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	824509	201.081	ug/l	100
59) 2-Hexanone	10.75	43	1989751	225.590	ug/l	99
60) Dibromochloromethane	10.90	129	410058	54.369	ug/l	99
61) 1,2-Dibromoethane	11.00	107	409876	51.426	ug/l	99
64) Tetrachloroethene	10.63	164	409252	48.200	ug/l	98
65) Chlorobenzene	11.43	112	1080429	50.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	393580	53.627	ug/l	99
67) Ethyl Benzene	11.51	91	2005664	50.093	ug/l	100
68) m/p-Xylenes	11.62	106	1481864	103.130	ug/l	99
69) o-Xylene	11.95	106	717021	50.770	ug/l	99
70) Styrene	11.96	104	1221509	53.986	ug/l	98
71) Bromoform	12.12	173	268521	54.219	ug/l #	99
73) Isopropylbenzene	12.25	105	1928350	54.649	ug/l	100
74) N-amyl acetate	12.07	43	711137	43.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	574905	49.891	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	690379	59.008	ug/l #	100
77) Bromobenzene	12.53	156	441904	46.658	ug/l	96
78) n-propylbenzene	12.59	91	2205353	47.844	ug/l	100
79) 2-Chlorotoluene	12.67	91	1326056	46.161	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1612162	46.905	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	147415	46.492	ug/l	97
82) 4-Chlorotoluene	12.77	91	1303163	48.009	ug/l	98
83) tert-Butylbenzene	12.99	119	1342969	45.585	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1542161	48.923	ug/l	99
85) sec-Butylbenzene	13.17	105	1828472	46.700	ug/l	99
86) p-Isopropyltoluene	13.29	119	1564456	49.096	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	742449	50.731	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	726152	50.276	ug/l	99
89) n-Butylbenzene	13.61	91	1255970	50.850	ug/l	100
90) Hexachloroethane	13.87	117	255033	49.064	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	729948	49.905	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	87791	44.423	ug/l	99

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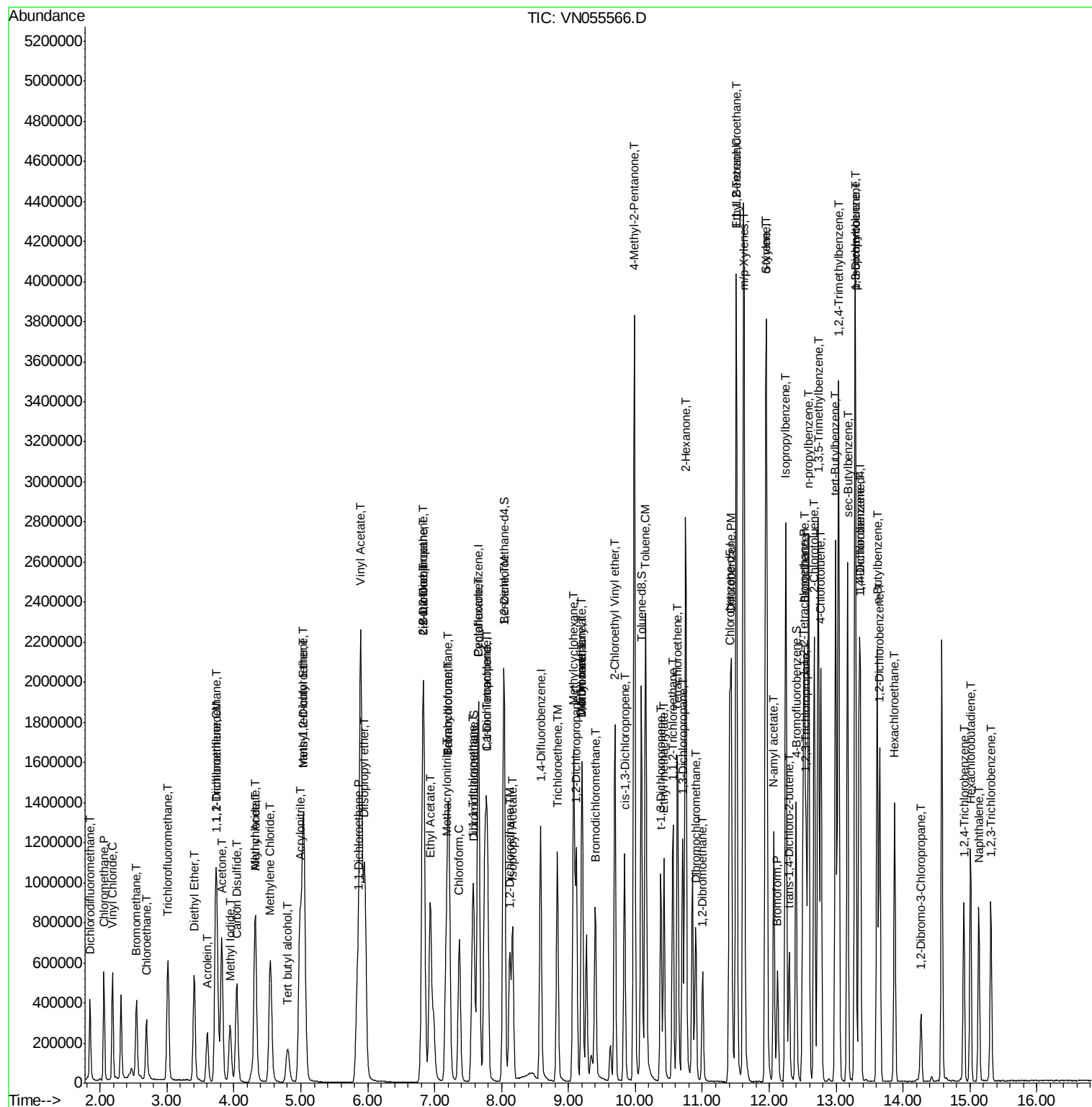
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	290377	45.877	ug/l	99
94) Hexachlorobutadiene	15.01	225	232250	53.834	ug/l	99
95) Naphthalene	15.13	128	732653	41.423	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	313532	45.682	ug/l	99

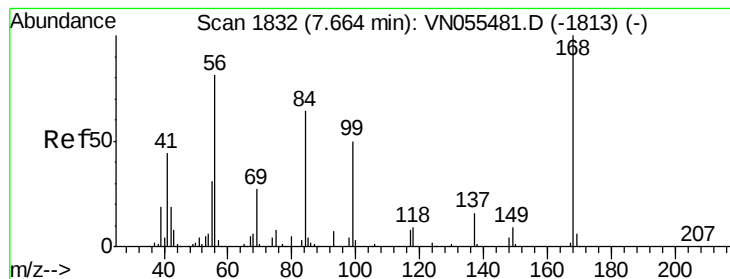
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051319\
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Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

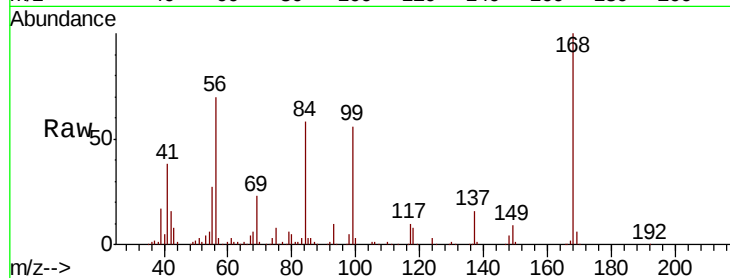
VSTDCCC050

Tot Ion:168 Resp: 711100

Ion Ratio Lower Upper

168 100

99 55.5 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

300000

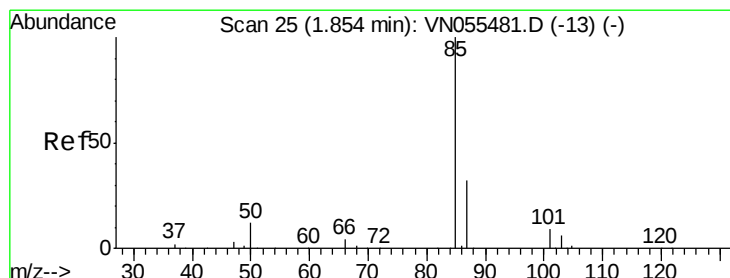
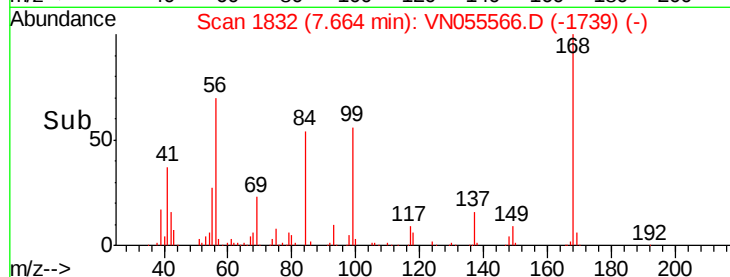
200000

100000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 43.607 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055566.D

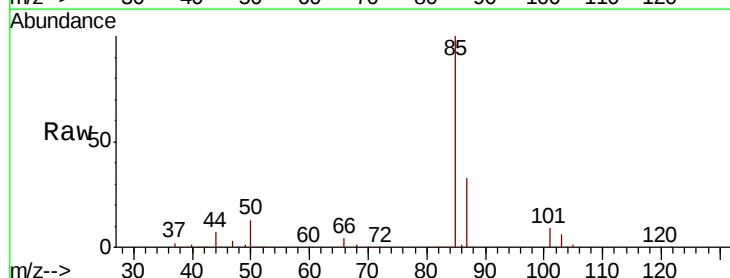
Acq: 13 May 2019 9:30

Tgt Ion: 85 Resp: 315706

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

150000

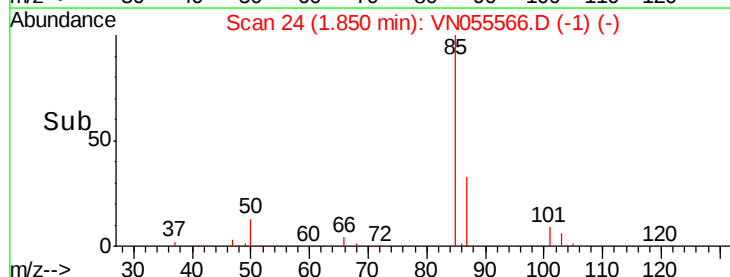
100000

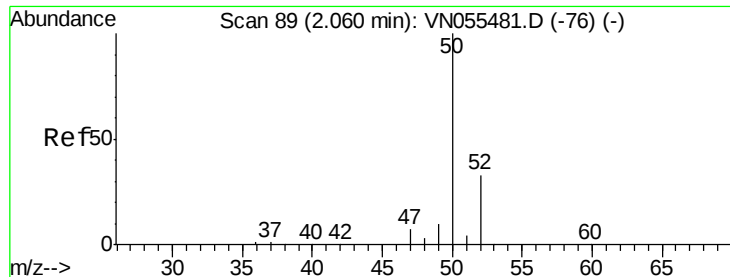
50000

0

1.80 1.90 2.00

Time-->

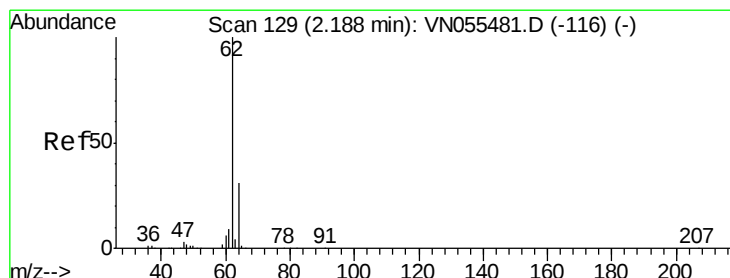
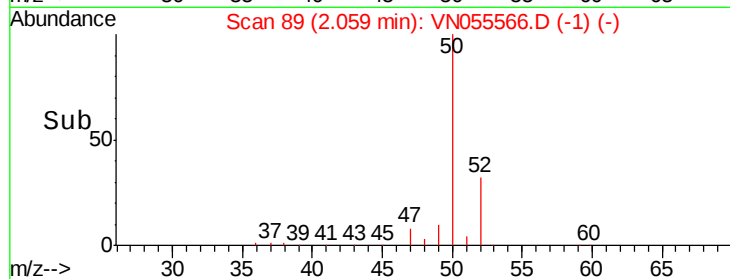
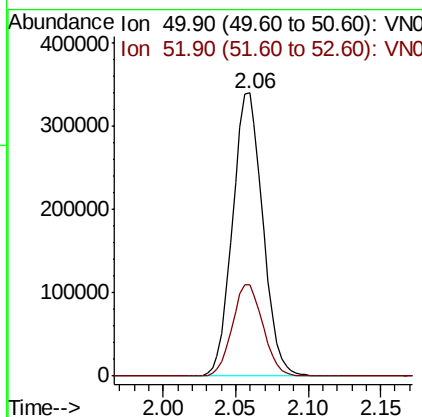
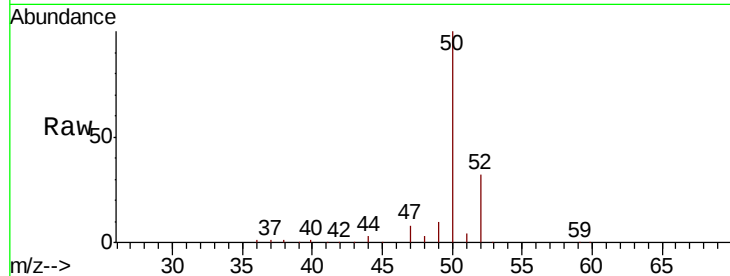




#3
Chloromethane
Concen: 41.823 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

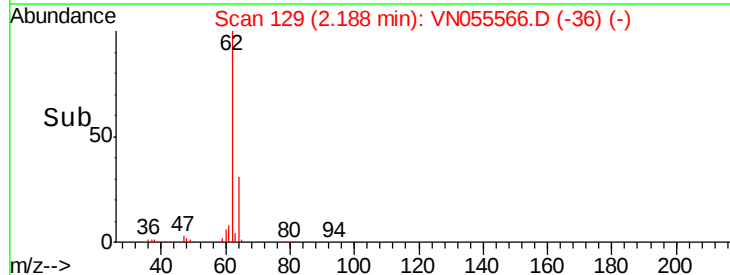
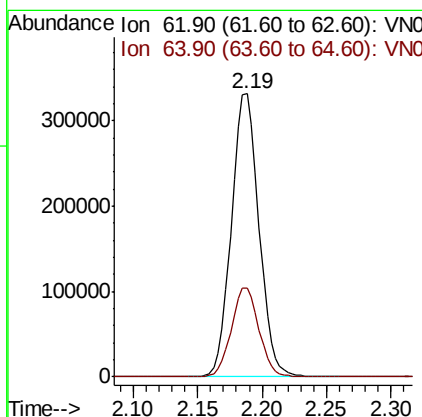
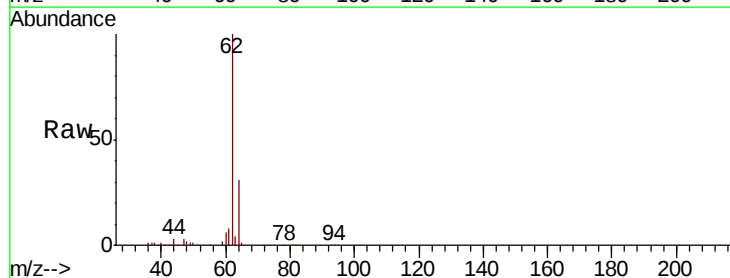
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

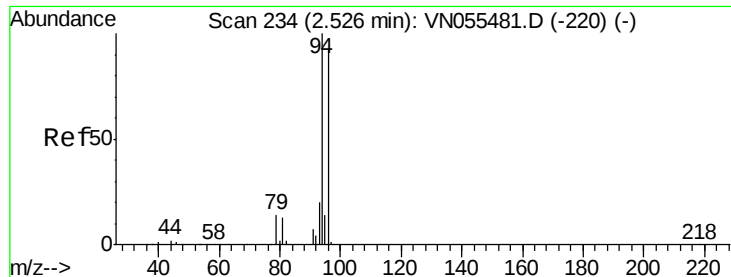
Tot Ion: 50 Resp: 491909
Ion Ratio Lower Upper
50 100
52 32.1 26.6 39.8



#4
Vinyl Chloride
Concen: 44.409 ug/l
RT: 2.19 min Scan# 129
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion: 62 Resp: 493061
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.6





#5

Bromomethane

Concen: 45.907 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.02 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

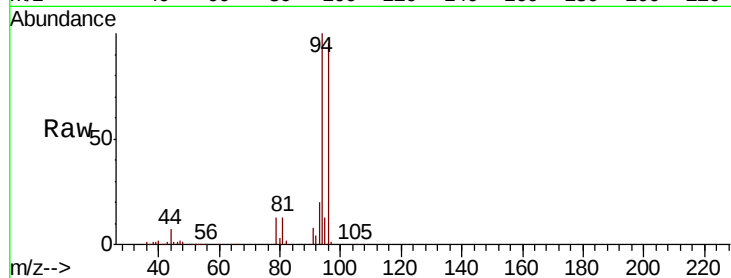
VSTDCCC050

Tot Ion: 94 Resp: 279264

Ion Ratio Lower Upper

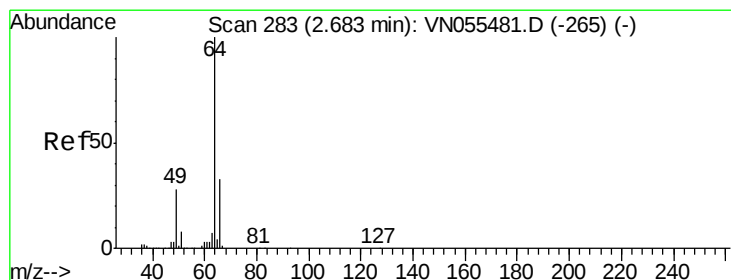
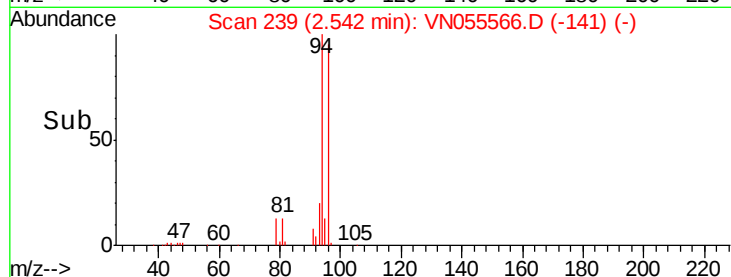
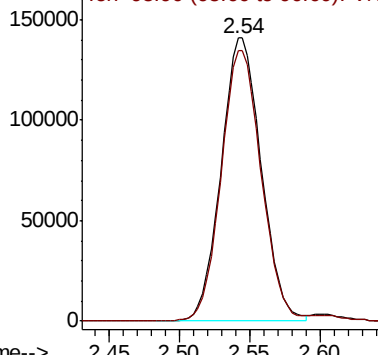
94 100

96 95.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.179 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN055566.D

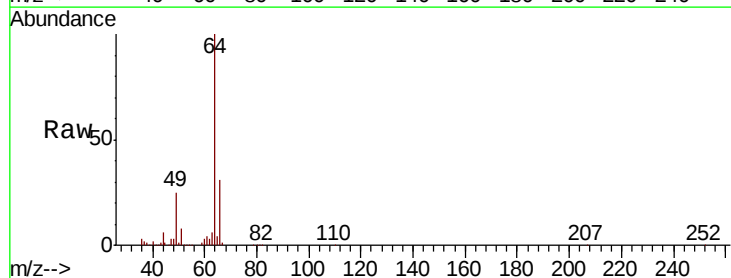
Acq: 13 May 2019 9:30

Tgt Ion: 64 Resp: 305113

Ion Ratio Lower Upper

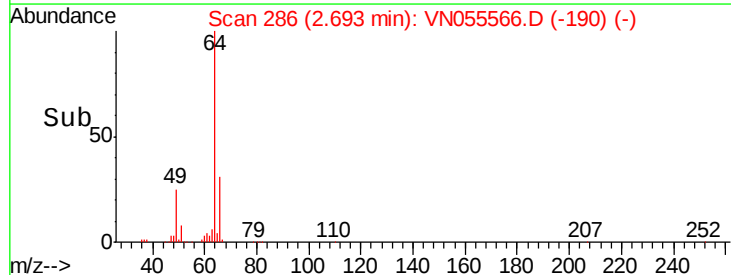
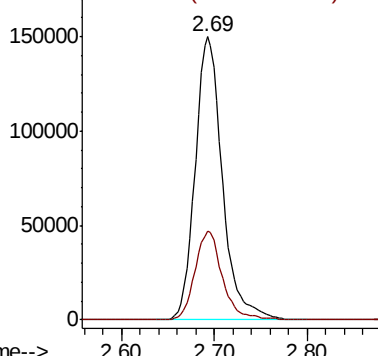
64 100

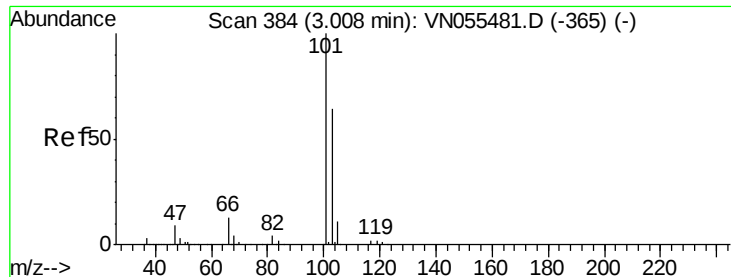
66 31.3 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



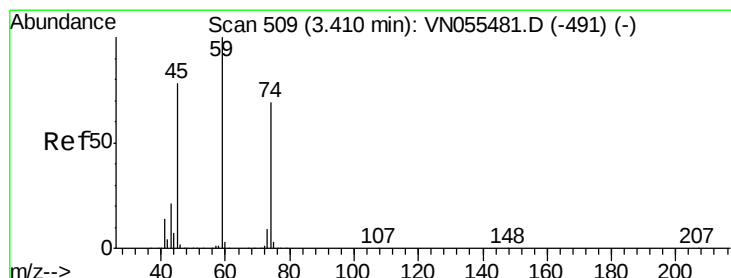
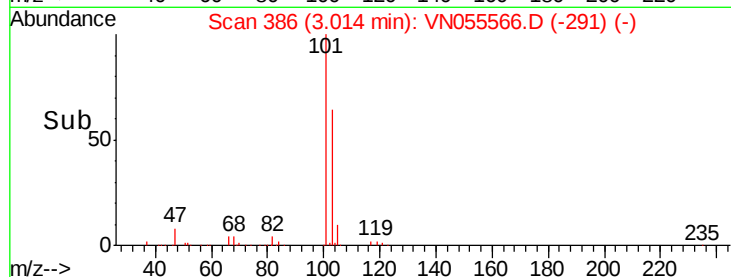
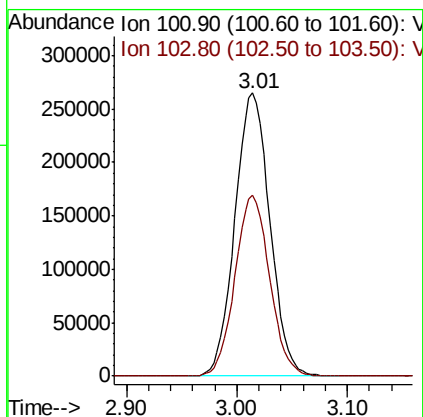
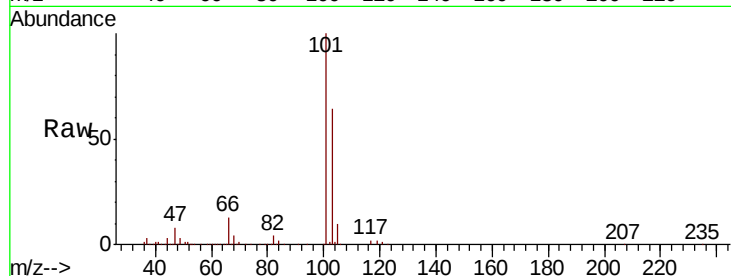


#7

Trichlorofluoromethane
 Concen: 47.811 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Instrument :
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 VSTDCCC050

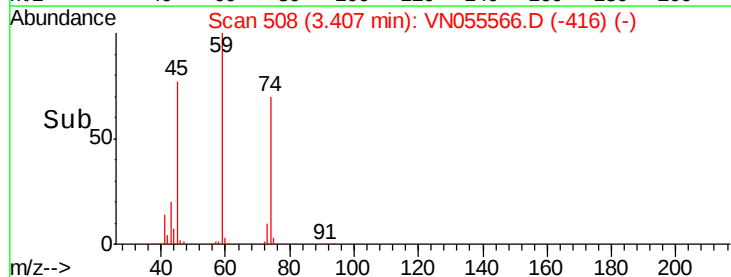
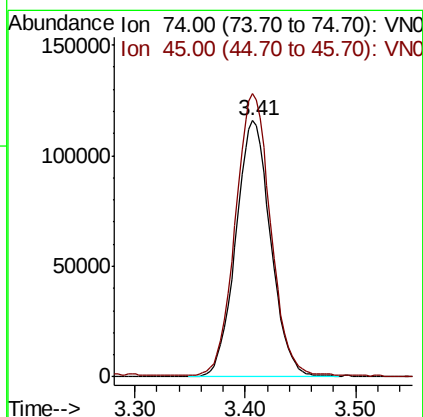
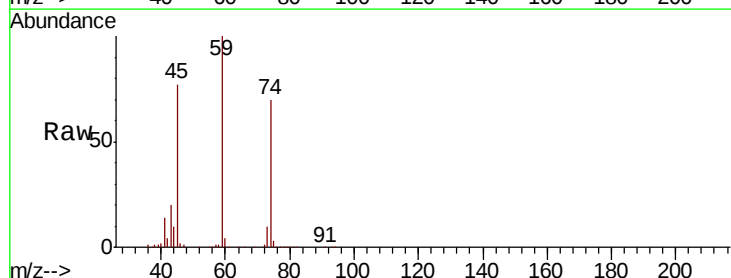
Tot Ion:101 Resp: 582354
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.2 76.8

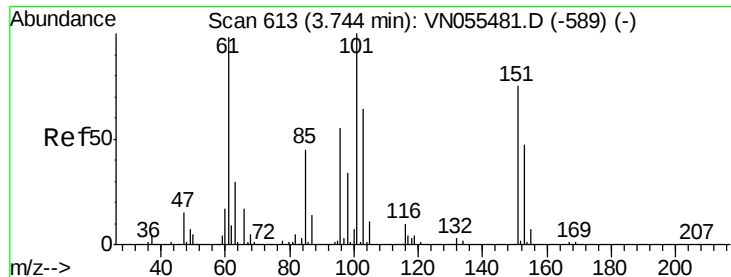


#8

Diethyl Ether
 Concen: 46.308 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion: 74 Resp: 253314
 Ion Ratio Lower Upper
 74 100
 45 111.4 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.162 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

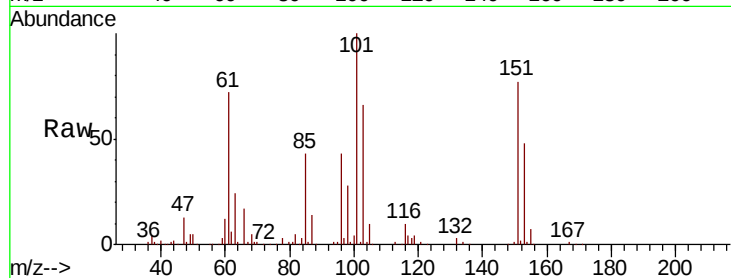
Tot Ion:101 Resp: 373228

Ion Ratio Lower Upper

101 100

85 44.1 35.5 53.3

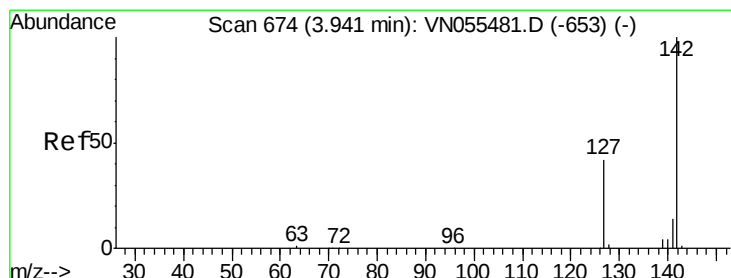
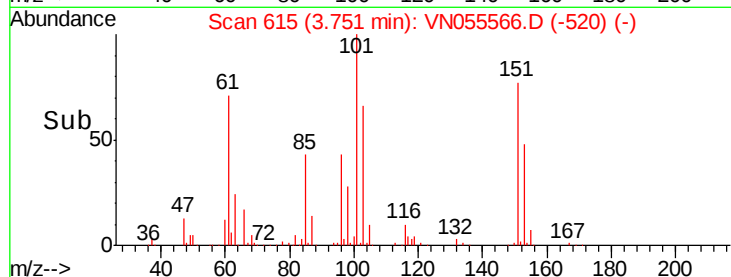
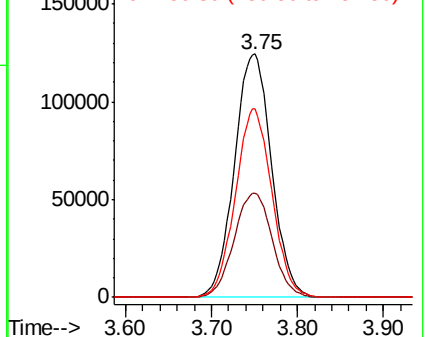
151 76.2 59.2 88.8



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: 44.991 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

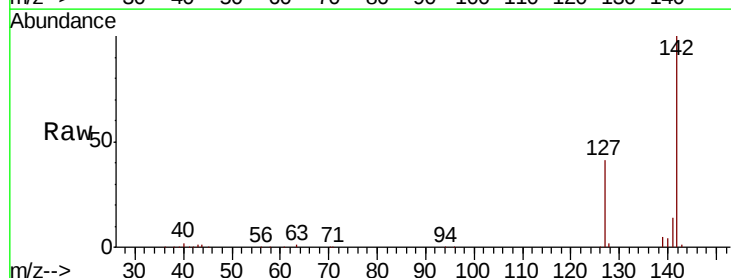
Tgt Ion:142 Resp: 471241

Ion Ratio Lower Upper

142 100

127 40.7 33.0 49.4

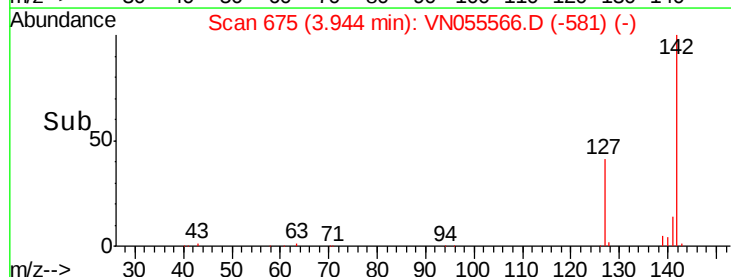
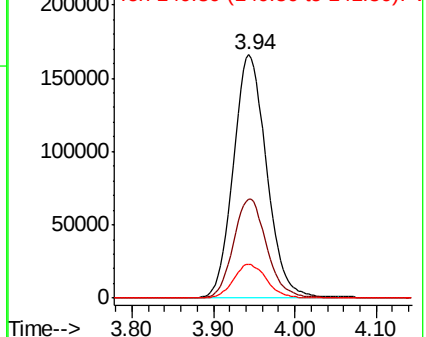
141 13.9 11.4 17.0

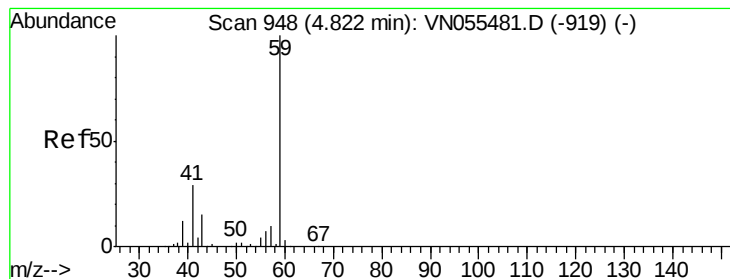


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



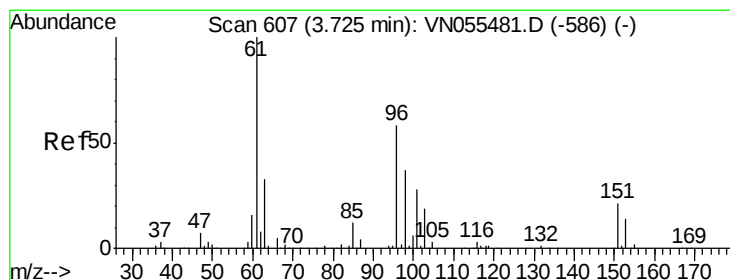
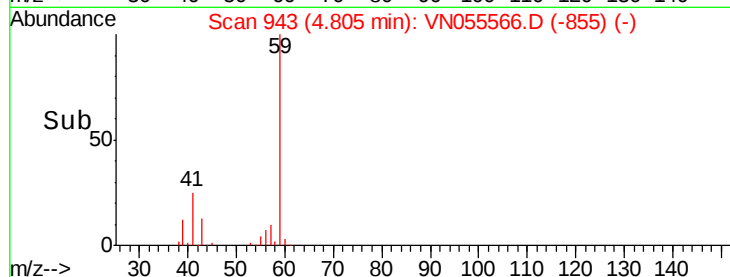
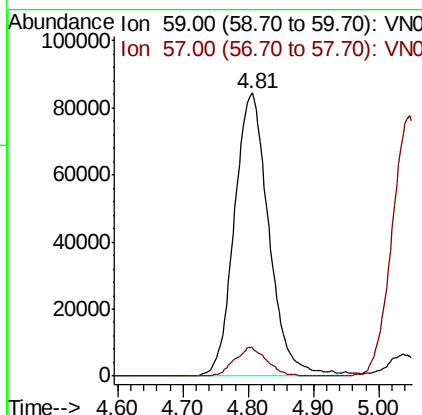
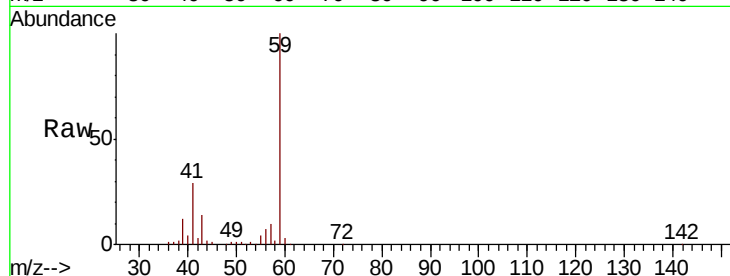


#11

Tert butyl alcohol
 Concen: 195.632 ug/l
 RT: 4.81 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

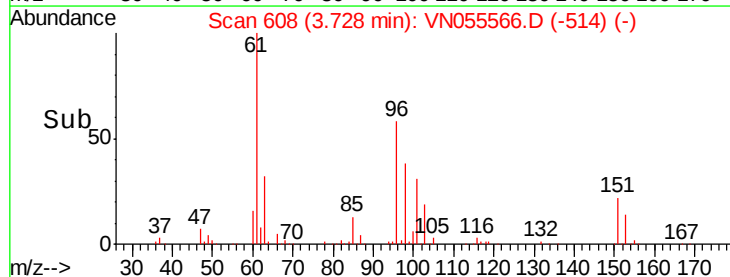
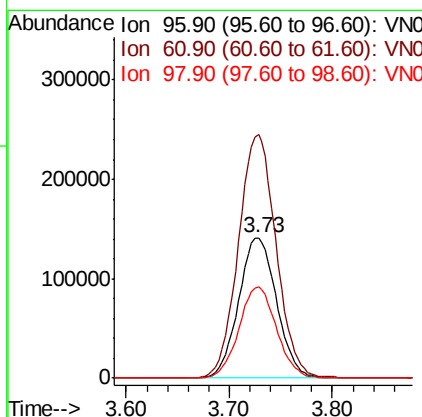
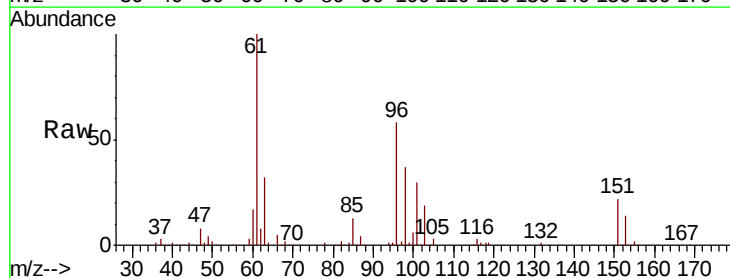
Tot Ion: 59 Resp: 309269
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.0 12.0

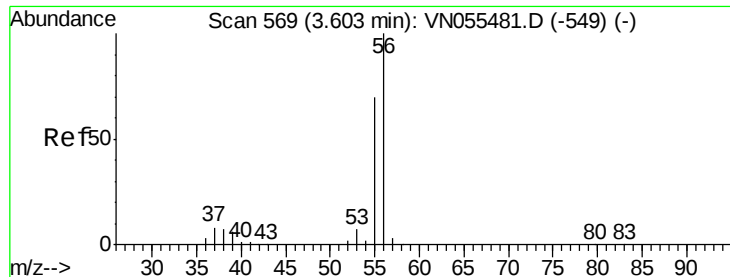


#12

1,1-Dichloroethene
 Concen: 46.447 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion: 96 Resp: 360983
 Ion Ratio Lower Upper
 96 100
 61 173.6 138.7 208.1
 98 65.1 50.6 76.0





#13

Acrolein

Concen: 261.706 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

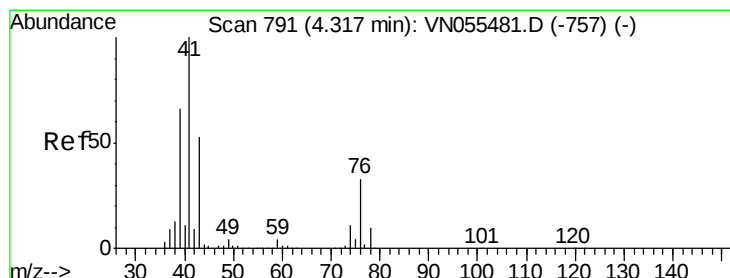
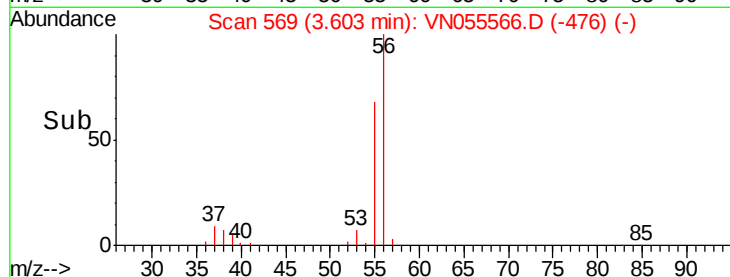
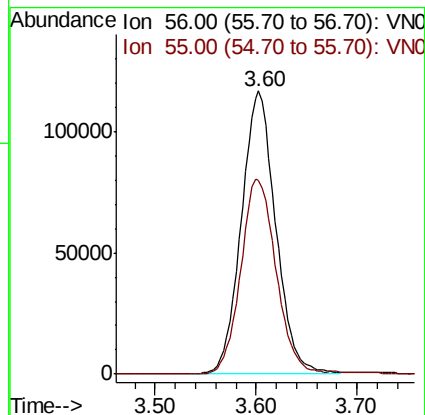
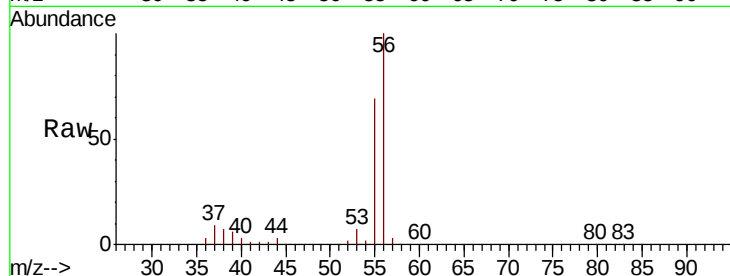
VSTDCCC050

Tot Ion: 56 Resp: 275732

Ion Ratio Lower Upper

56 100

55 70.7 57.7 86.5



#14

Allyl chloride

Concen: 45.215 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

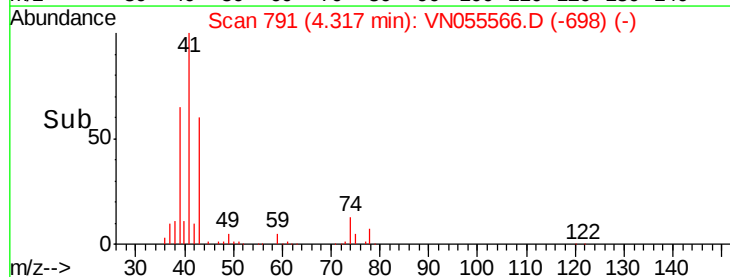
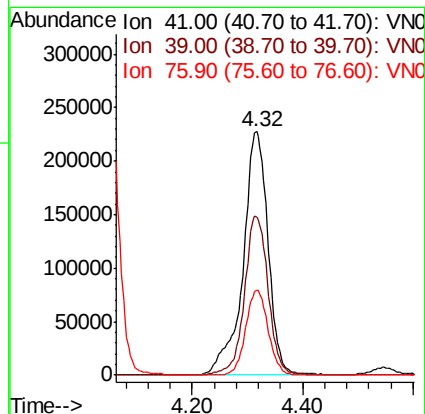
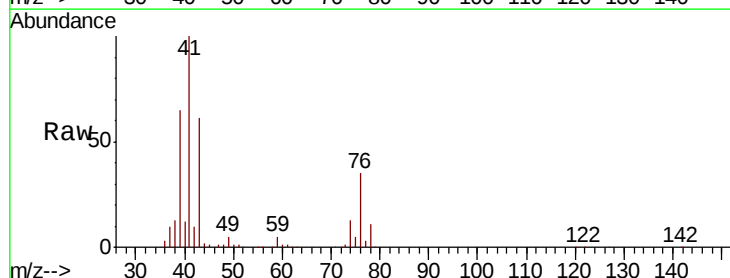
Tgt Ion: 41 Resp: 719833

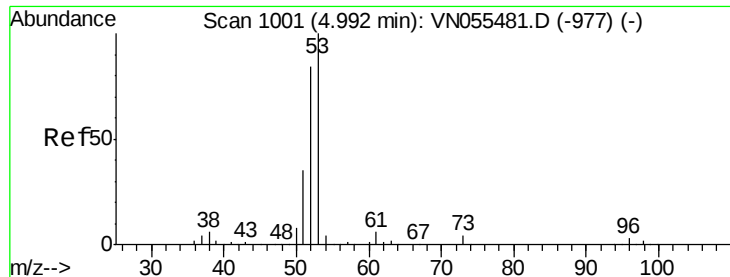
Ion Ratio Lower Upper

41 100

39 61.4 49.8 74.8

76 30.8 23.5 35.3





#15

Acrylonitrile

Concen: 216.259 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

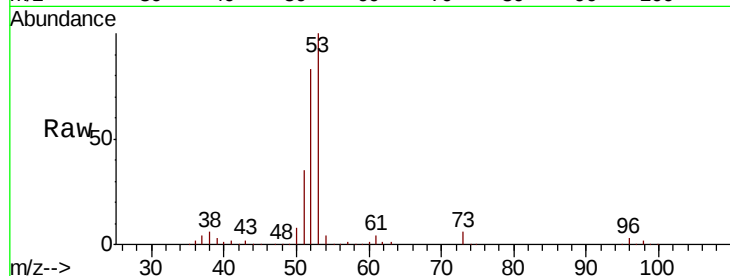
Tot Ion: 53 Resp: 1058611

Ion Ratio Lower Upper

53 100

52 82.7 66.1 99.1

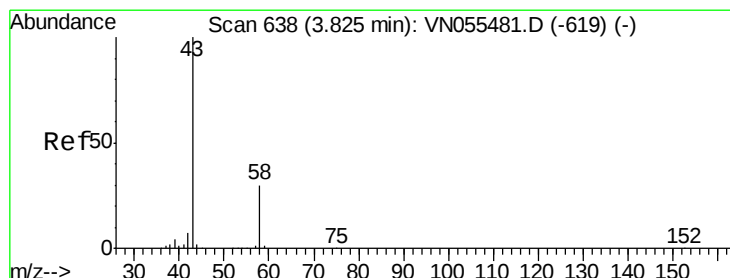
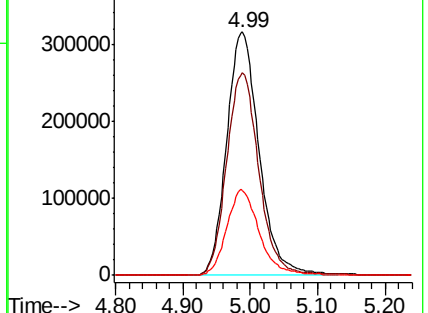
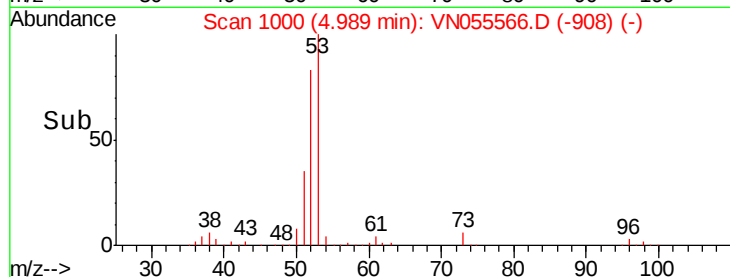
51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 238.438 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.01 min

Lab File: VN055566.D

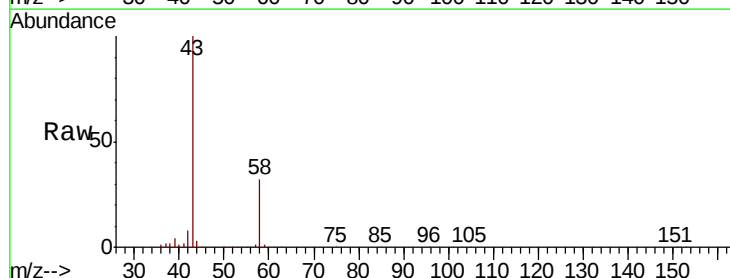
Acq: 13 May 2019 9:30

Tgt Ion: 43 Resp: 1182073

Ion Ratio Lower Upper

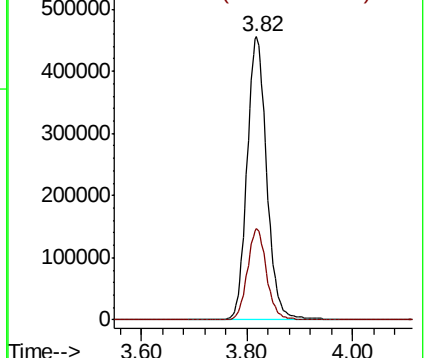
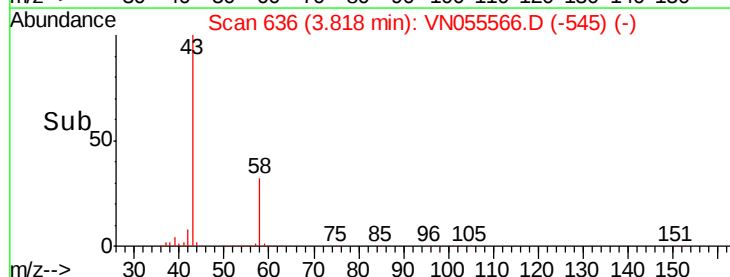
43 100

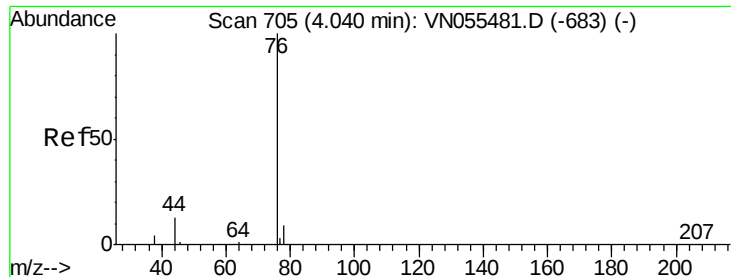
58 32.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 46.449 ug/l

RT: 4.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

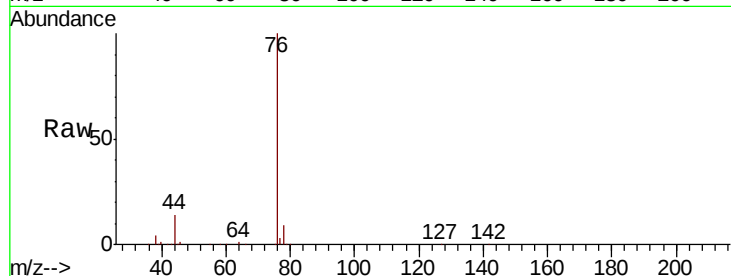
VSTDCCC050

Tot Ion: 76 Resp: 985262

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

400000

300000

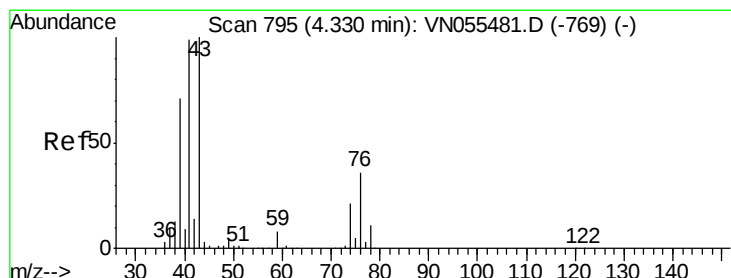
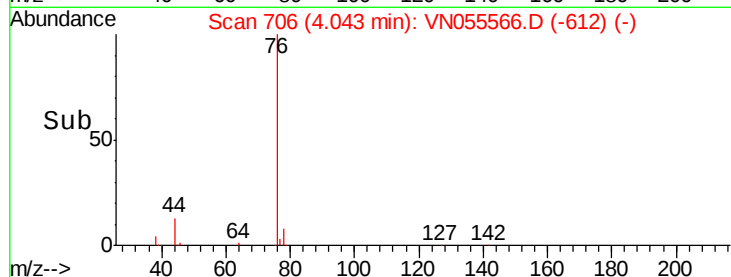
200000

100000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 42.816 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN055566.D

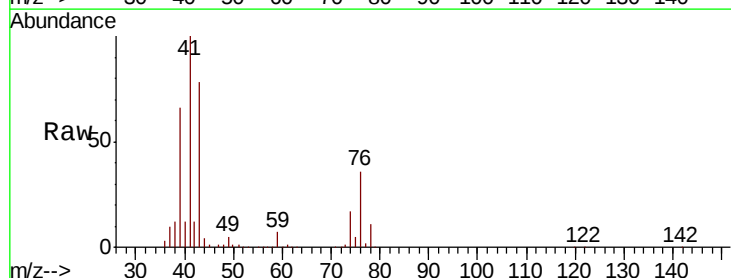
Acq: 13 May 2019 9:30

Tgt Ion: 43 Resp: 447086

Ion Ratio Lower Upper

43 100

74 21.6 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

150000

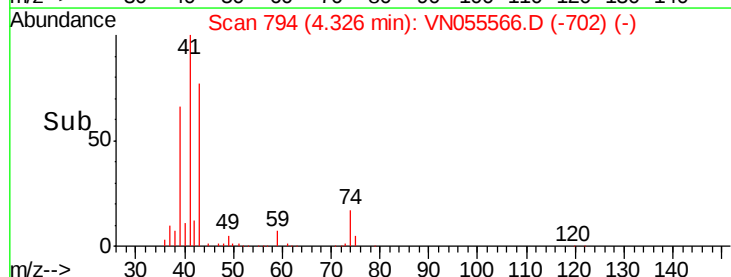
100000

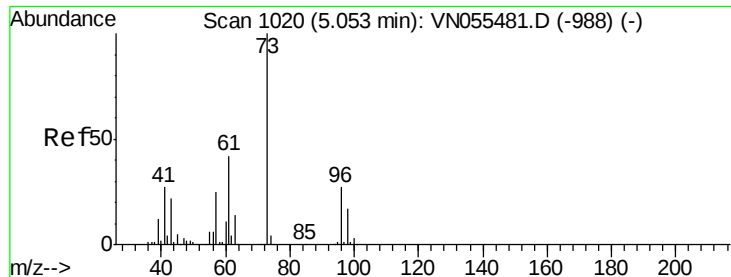
50000

0

Time-->

4.20 4.30 4.40

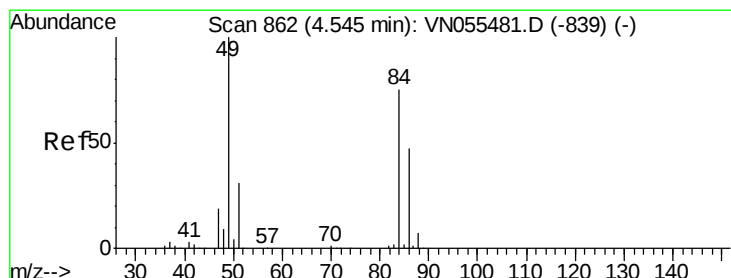
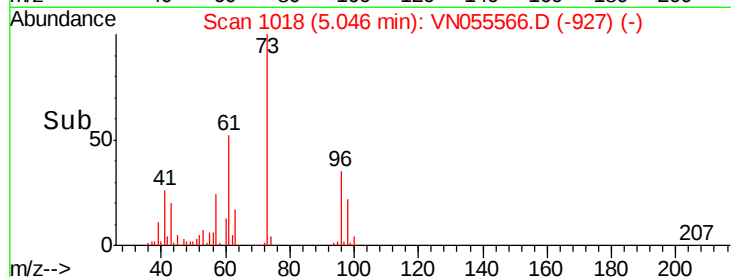
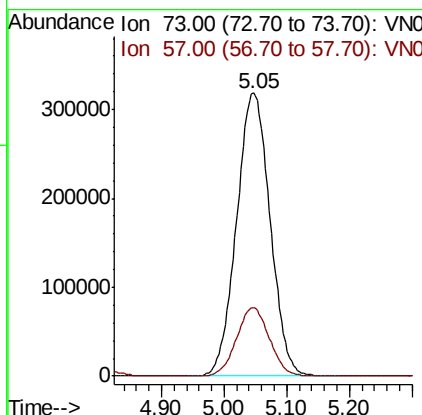
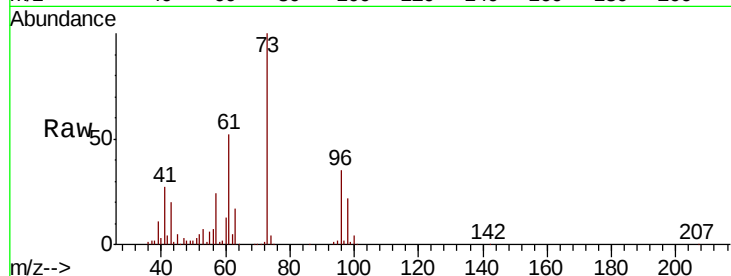




#19
Methyl tert-butyl Ether
Concen: 45.773 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

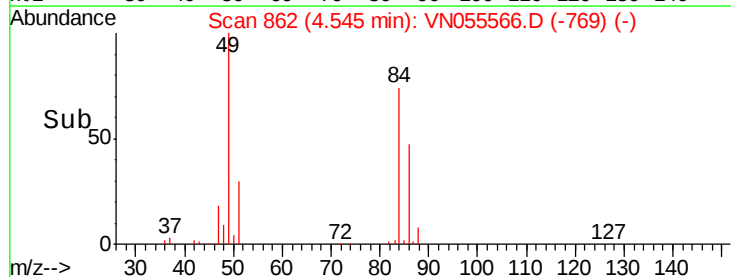
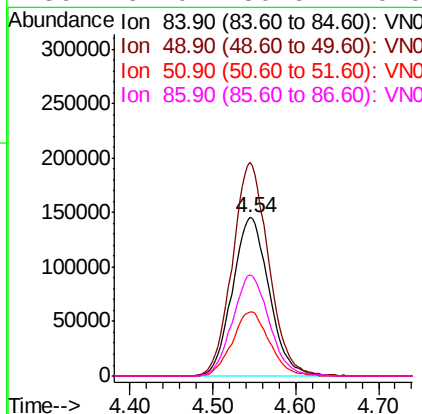
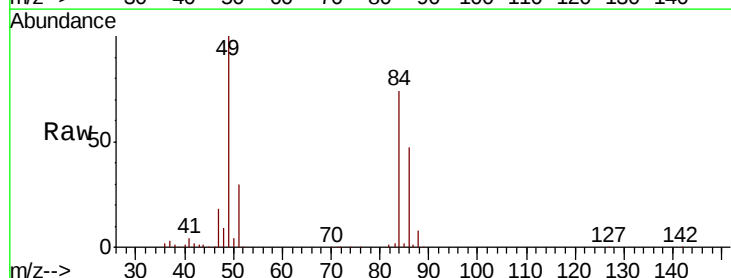
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

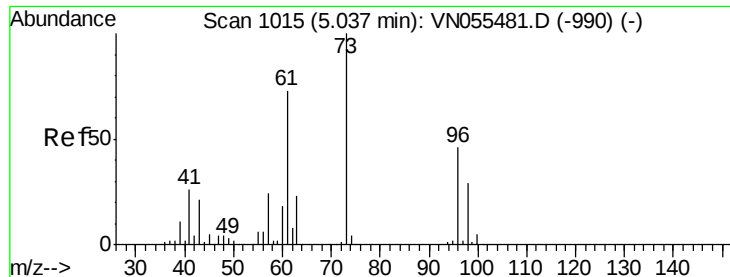
Tot Ion: 73 Resp: 1182069
Ion Ratio Lower Upper
73 100
57 24.3 20.0 30.0



#20
Methylene Chloride
Concen: 44.154 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion: 84 Resp: 447608
Ion Ratio Lower Upper
84 100
49 134.9 107.0 160.6
51 40.6 33.0 49.4
86 64.0 50.6 76.0

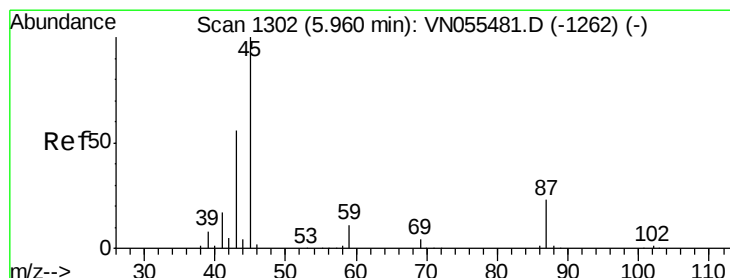
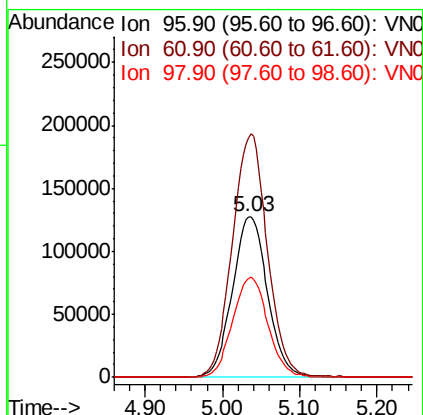
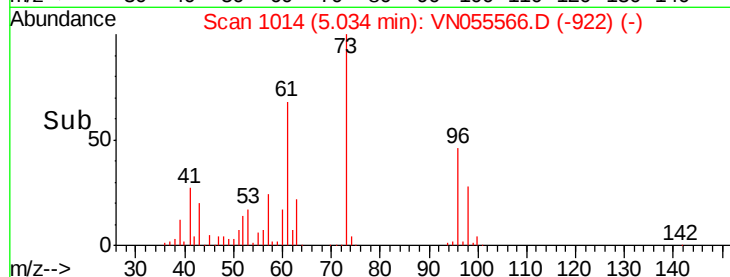
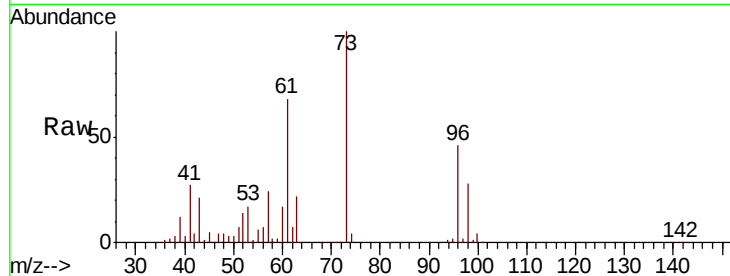




#21
trans-1,2-Dichloroethene
Concen: 47.640 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

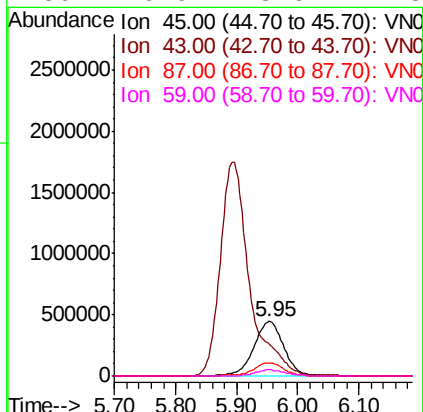
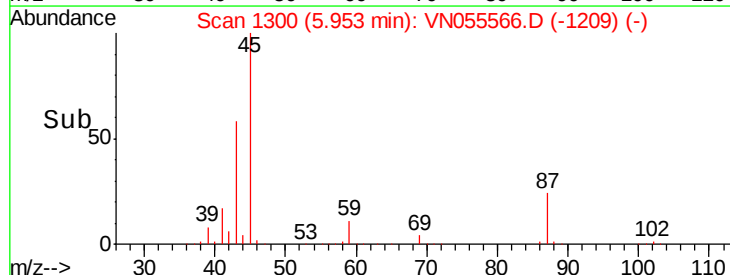
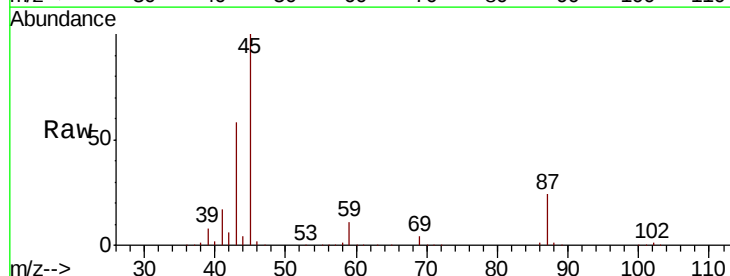
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

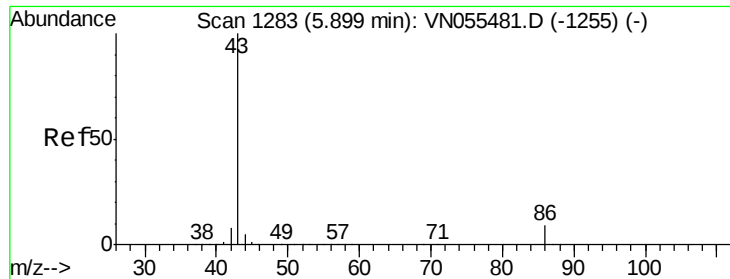
Tot Ion: 96 Resp: 401431
Ion Ratio Lower Upper
96 100
61 148.5 127.4 191.0
98 61.8 51.6 77.4



#22
Diisopropyl ether
Concen: 47.067 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion: 45 Resp: 1522731
Ion Ratio Lower Upper
45 100
43 57.4 44.6 66.8
87 24.2 18.6 28.0
59 10.9 8.6 12.8





#23

Vinyl Acetate

Concen: 233.337 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

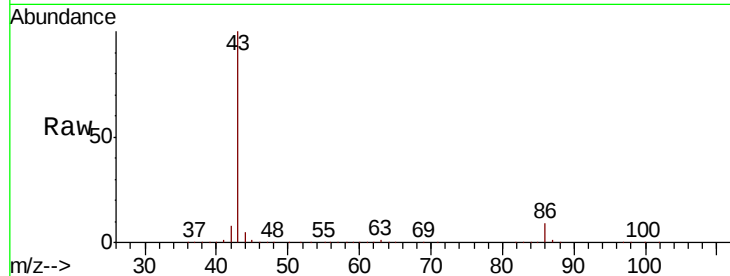
VSTDCCC050

Tot Ion: 43 Resp: 5838040

Ion Ratio Lower Upper

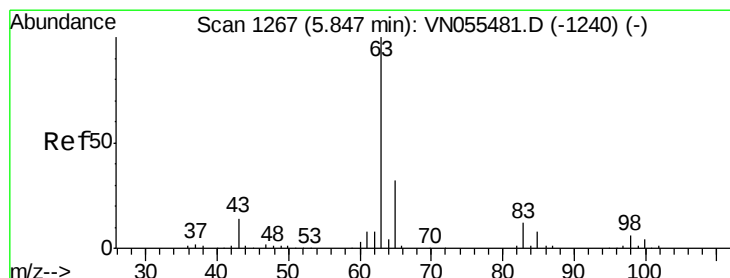
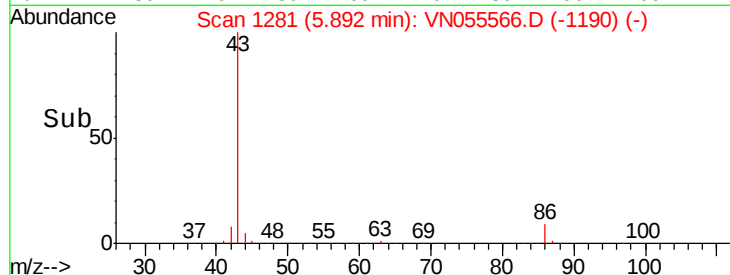
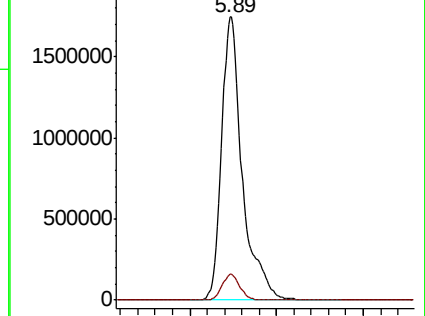
43 100

86 9.1 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN055566.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN055566.D (-1190) (-)



#24

1,1-Dichloroethane

Concen: 46.227 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

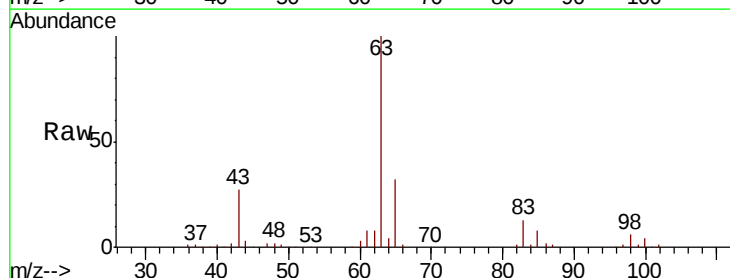
Tgt Ion: 63 Resp: 807316

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

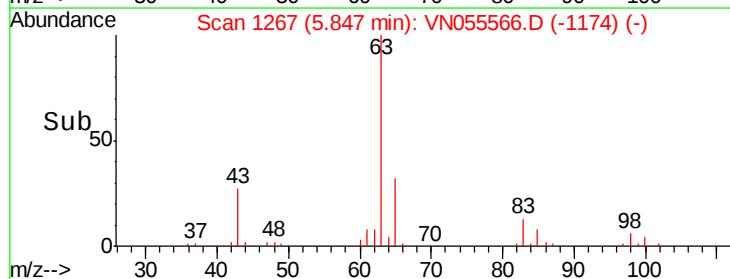
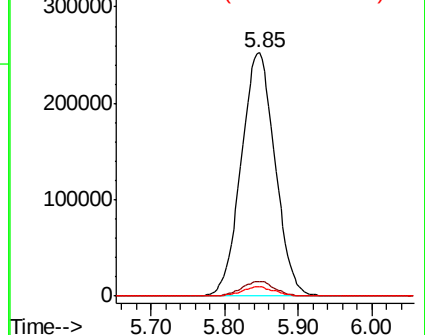
100 3.9 1.9 5.7

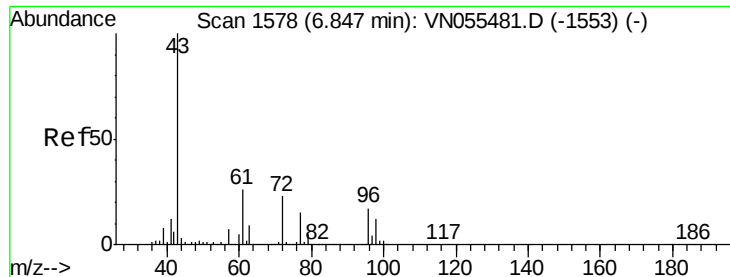


Abundance Ion 62.90 (62.60 to 63.60): VN055566.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN055566.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN055566.D (-1174) (-)

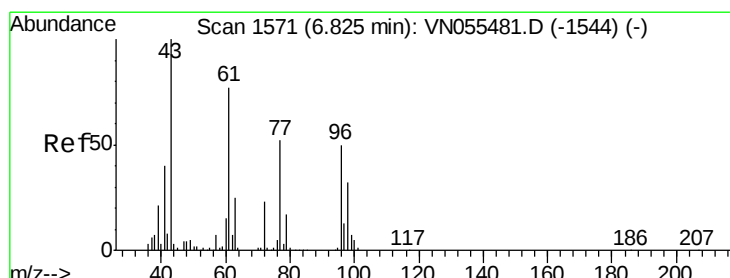
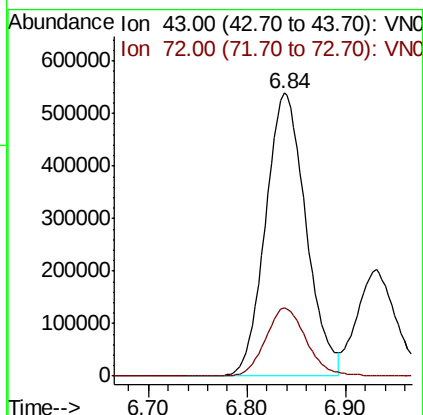
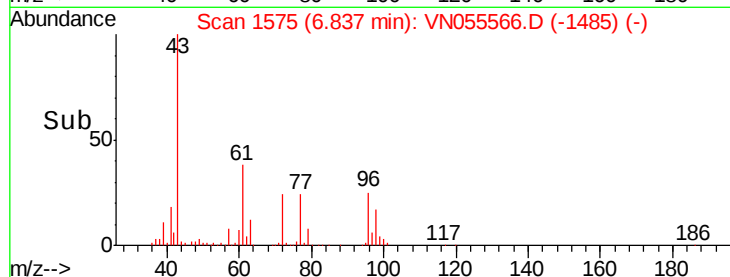
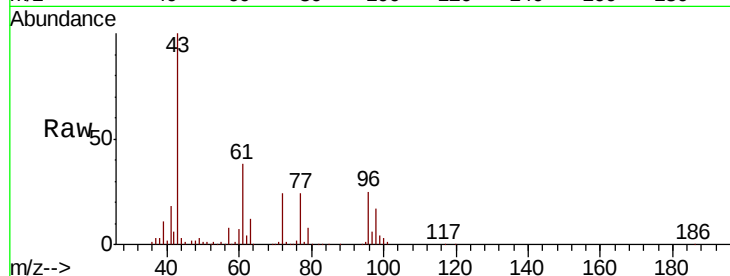




#25
2-Butanone
Concen: 222.788 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

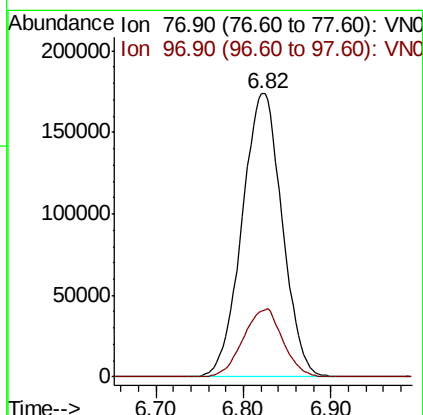
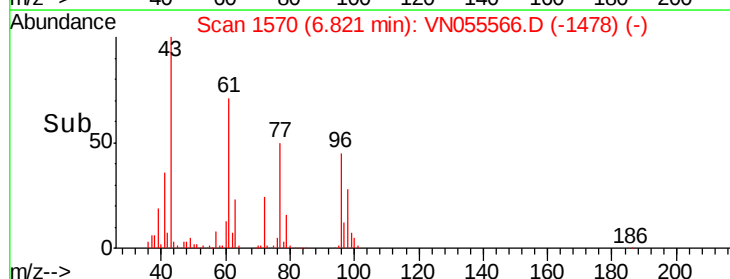
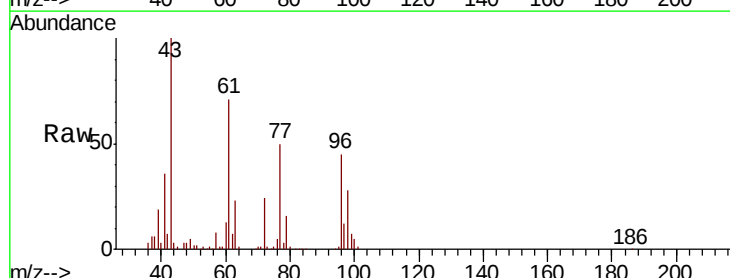
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

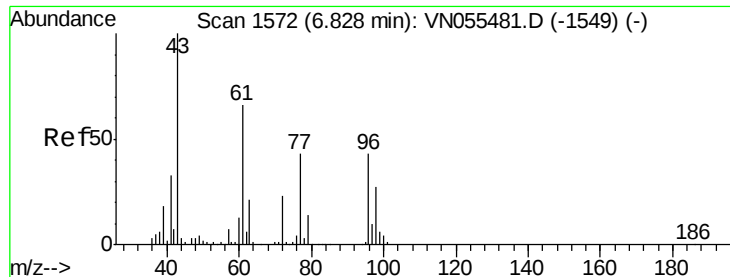
Tot Ion: 43 Resp: 1525714
Ion Ratio Lower Upper
43 100
72 24.0 18.6 27.8



#26
2,2-Dichloropropane
Concen: 50.770 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion: 77 Resp: 552735
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5

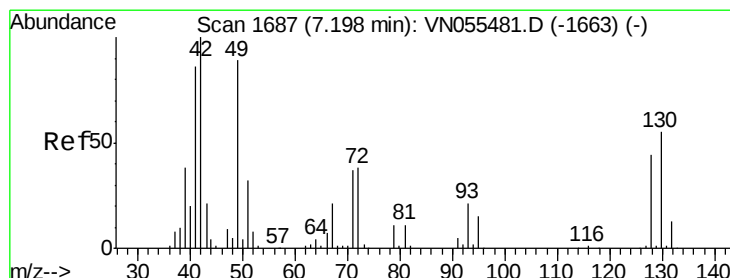
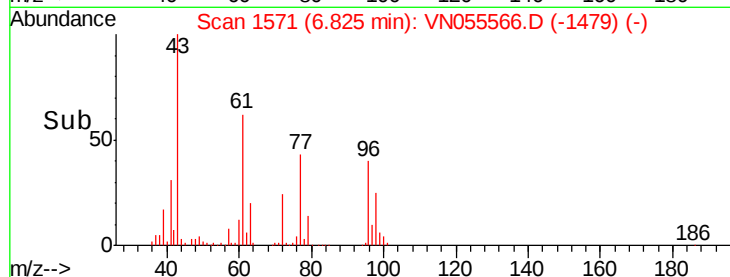
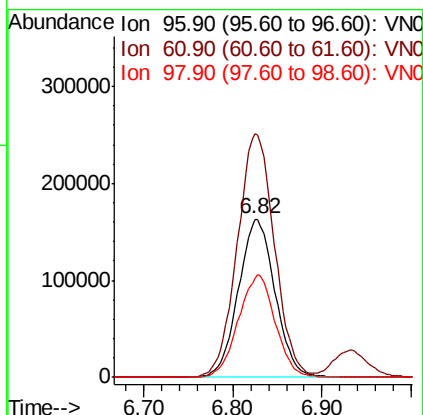
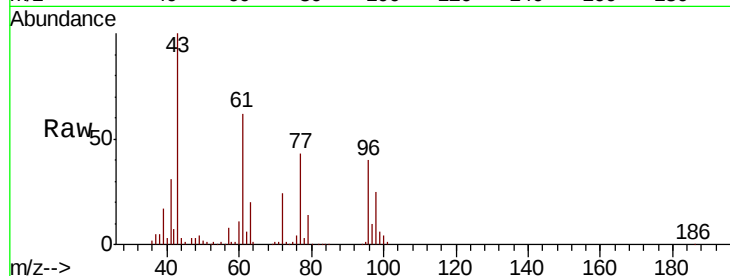




#27
 cis-1,2-Dichloroethene
 Concen: 47.854 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

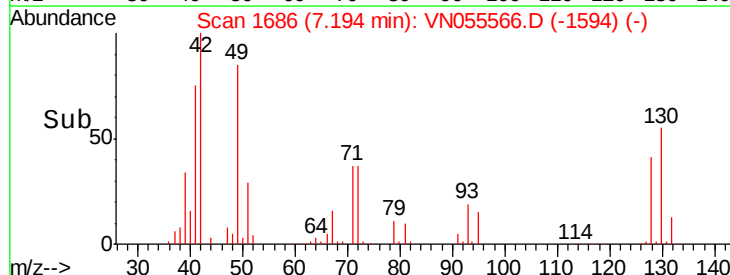
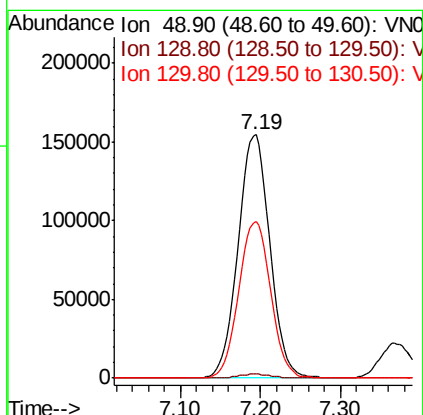
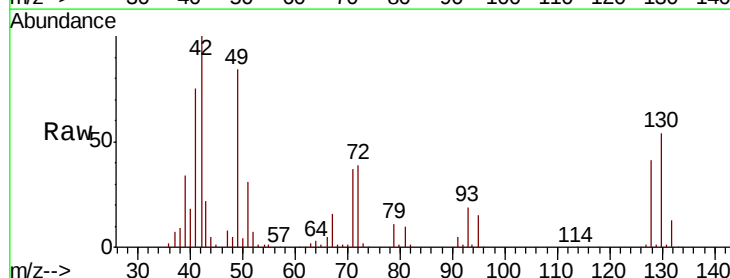
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

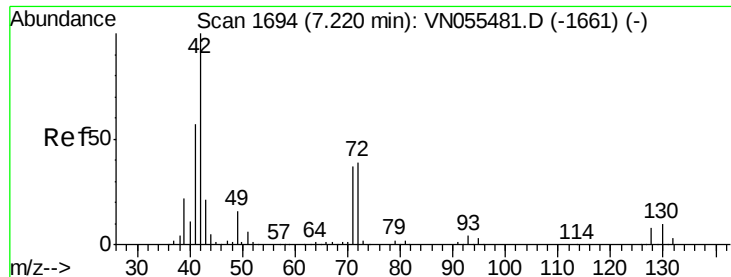
Tot Ion: 96 Resp: 466019
 Ion Ratio Lower Upper
 96 100
 61 156.0 0.0 310.8
 98 65.4 0.0 129.4



#28
 Bromochloromethane
 Concen: 45.731 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion: 49 Resp: 414756
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 64.8 49.5 74.3

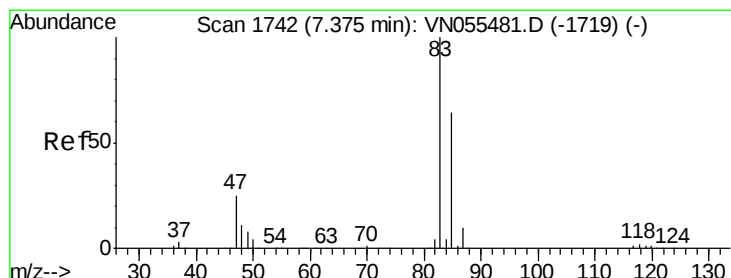
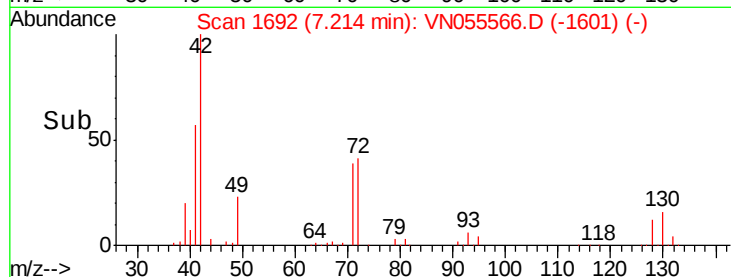
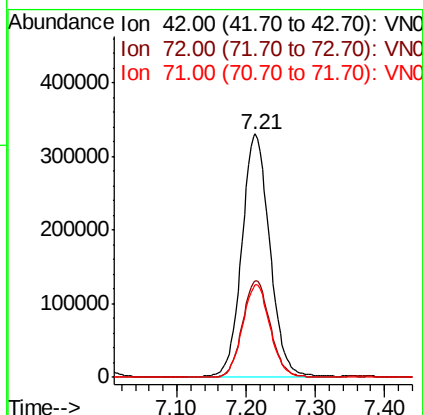
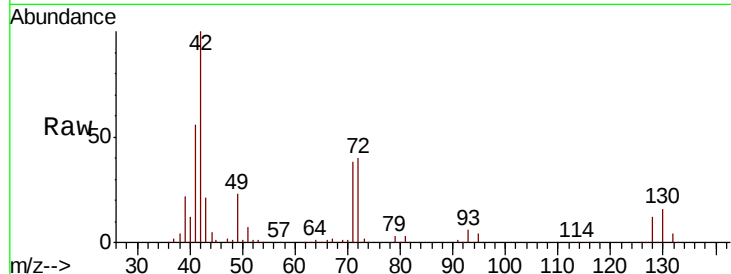




#29
Tetrahydrofuran
Concen: 204.514 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

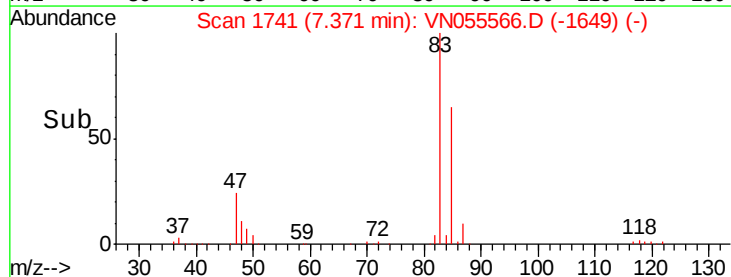
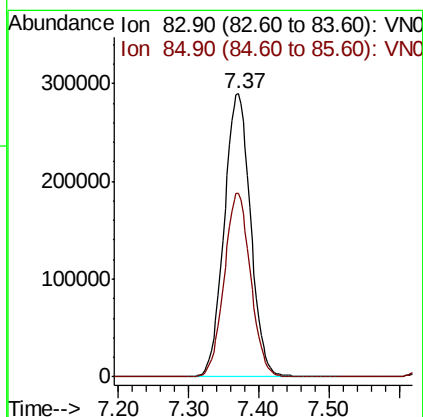
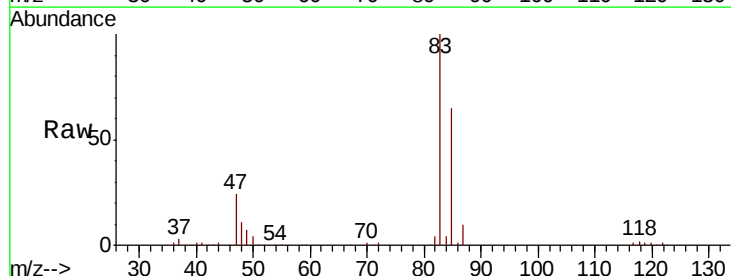
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

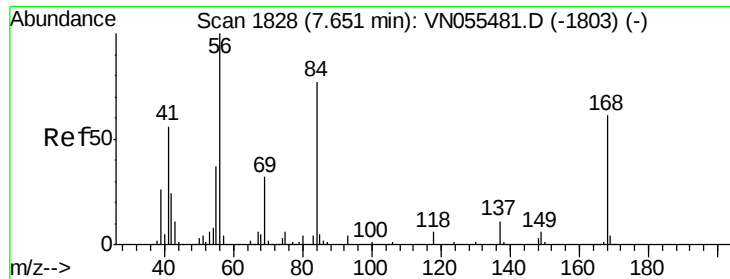
Tot Ion: 42 Resp: 925891
Ion Ratio Lower Upper
42 100
72 39.3 31.0 46.6
71 37.7 29.4 44.2



#30
Chloroform
Concen: 46.919 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion: 83 Resp: 757502
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9

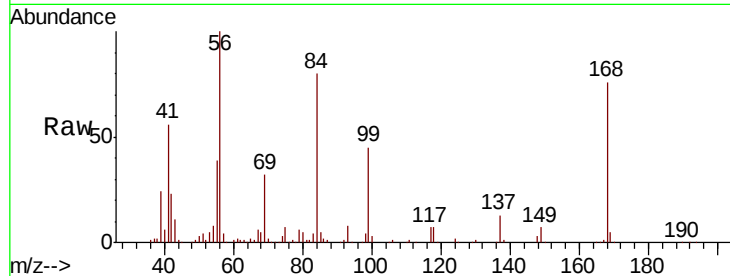




#31
Cyclohexane
Concen: 43.871 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	26.0	39.0
84	78.8	61.9	92.9

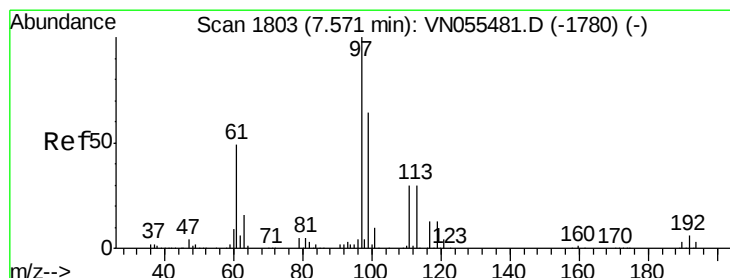
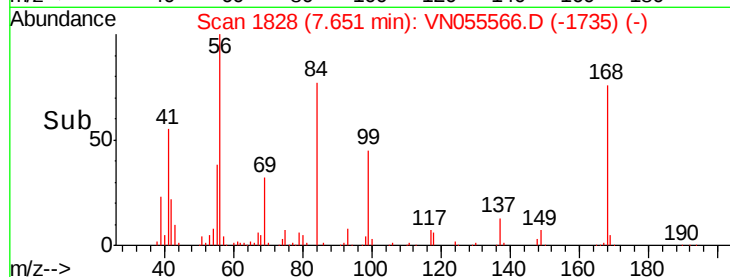
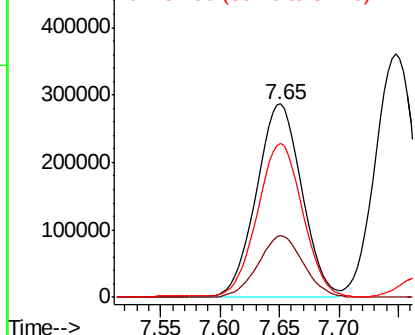


Abundance

Ion 56.00 (55.70 to 56.70): VN0

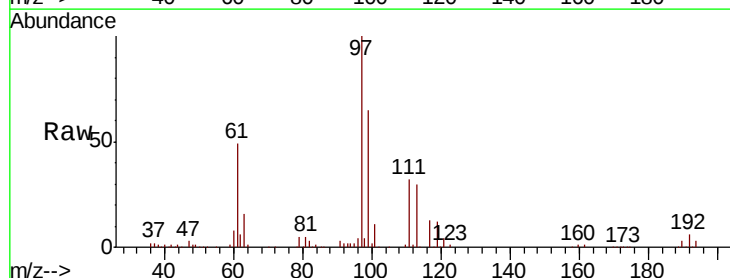
Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32
1,1,1-Trichloroethane
Concen: 48.449 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	48.7	39.2	58.8

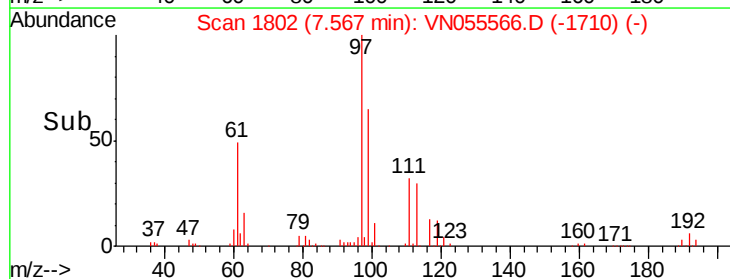
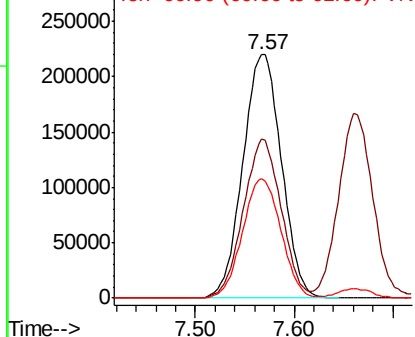


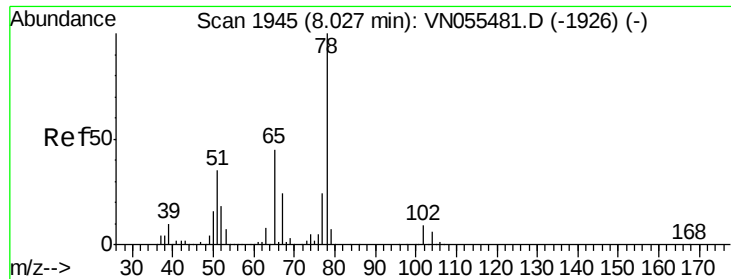
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

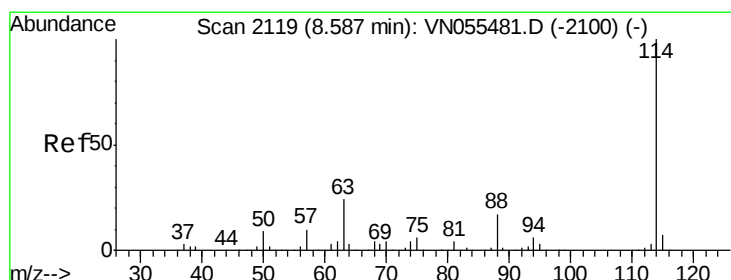
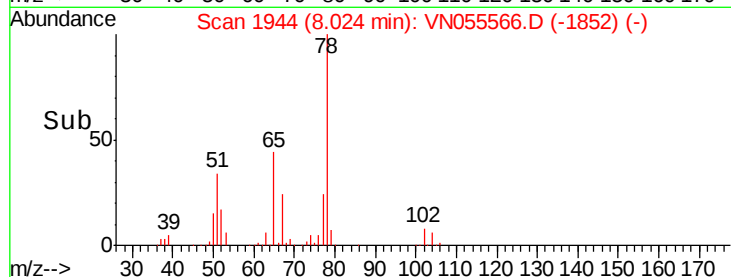
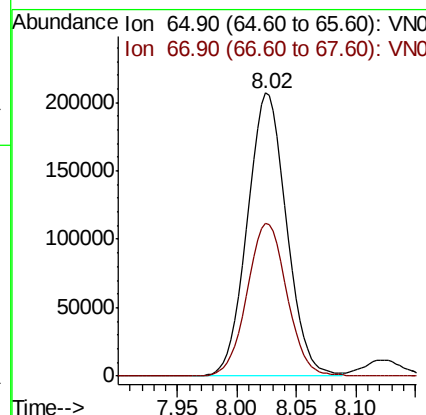
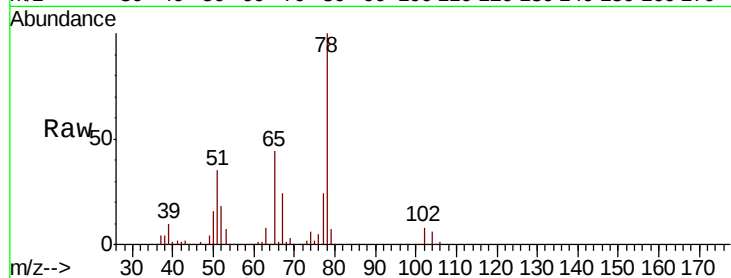




#33
 1,2-Dichloroethane-d4
 Concen: 44.062 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

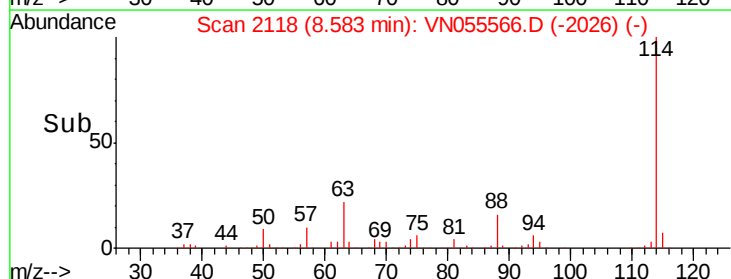
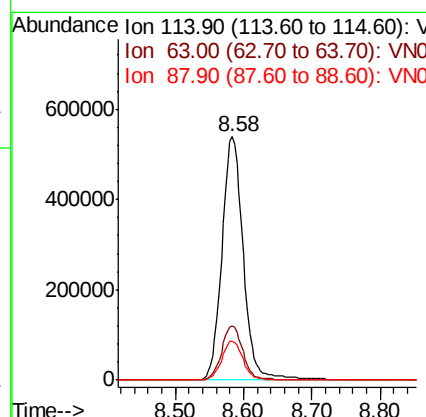
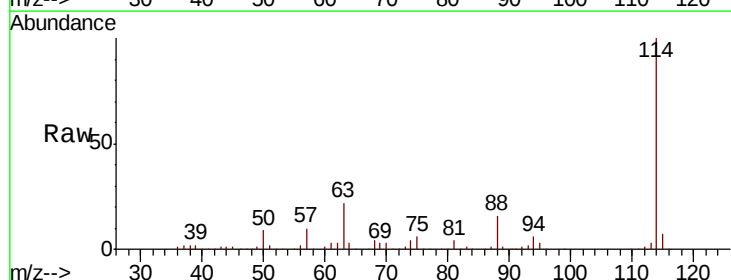
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 471762
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion: 114 Resp: 1171274
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.4
 88 16.1 0.0 34.0

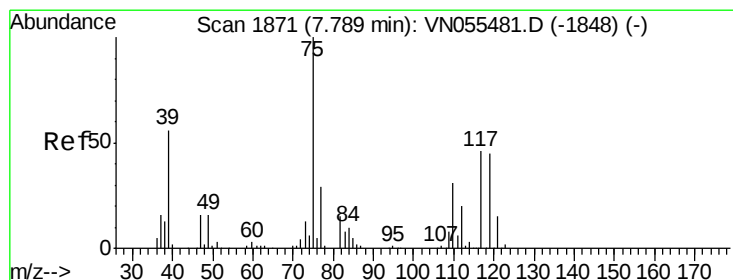
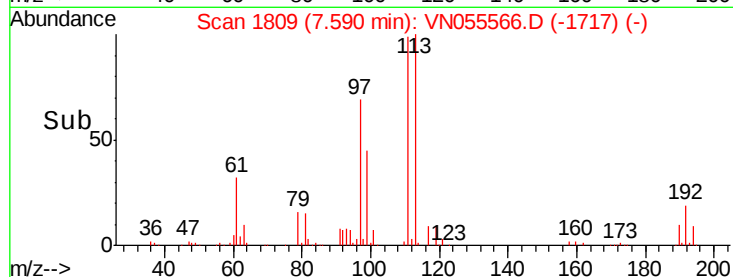
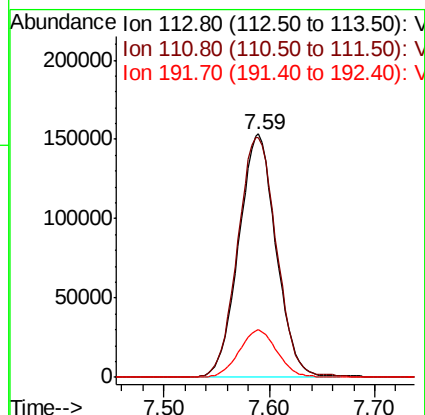
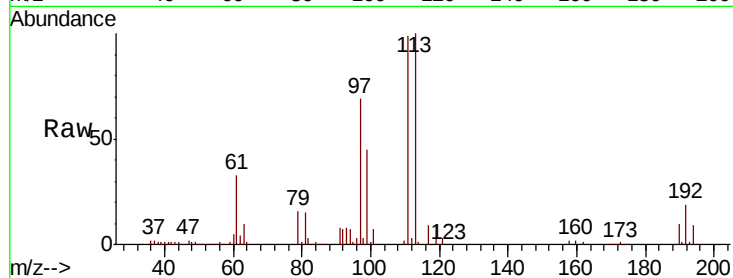




#35
 Dibromofluoromethane
 Concen: 50.027 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

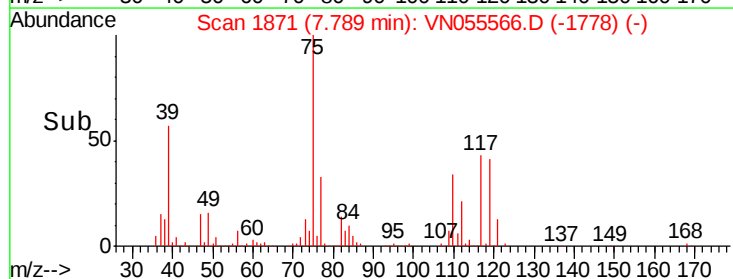
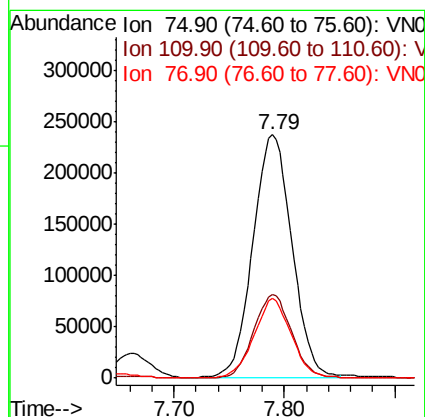
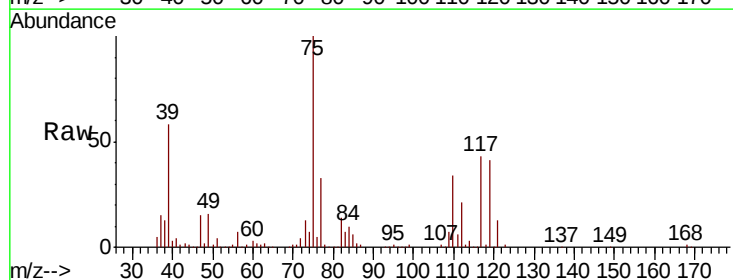
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.9	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 50.167 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.1	48.3
77	31.5	24.6	37.0

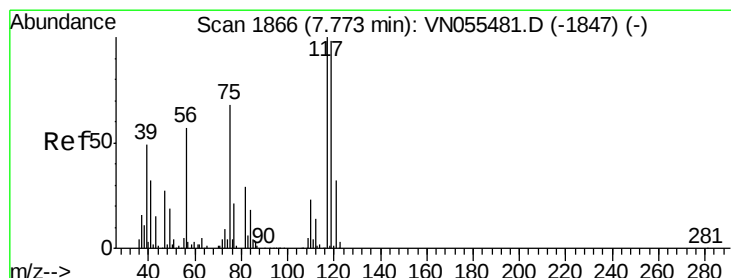
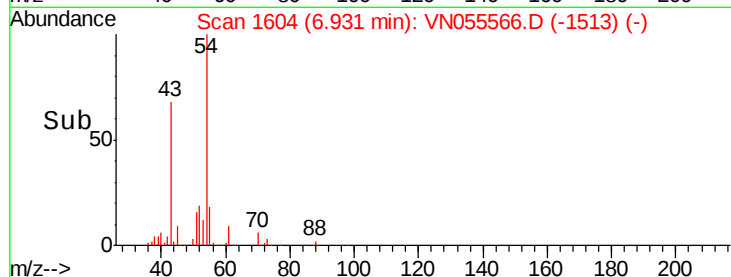
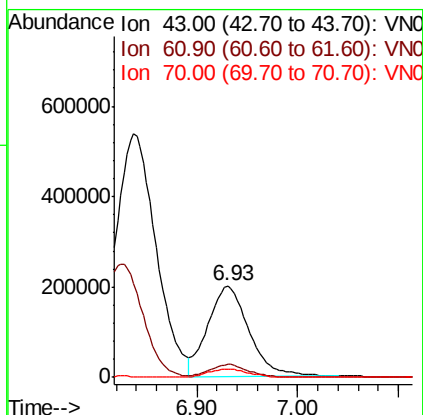
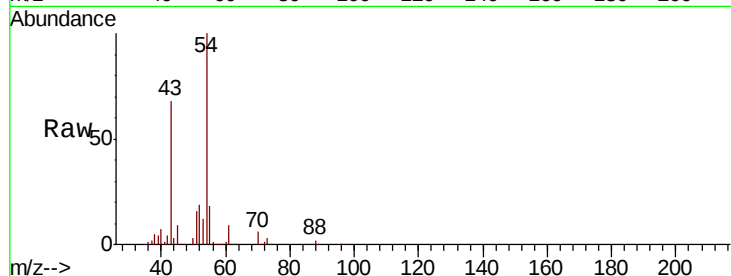




#37
Ethyl Acetate
Concen: 45.043 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

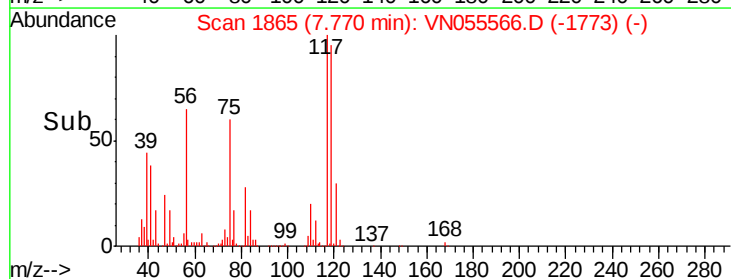
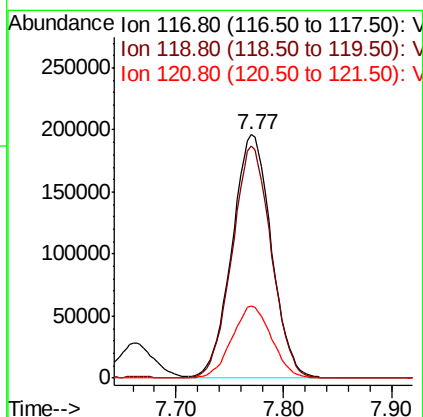
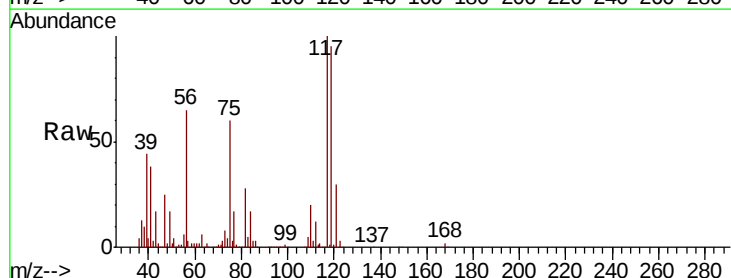
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

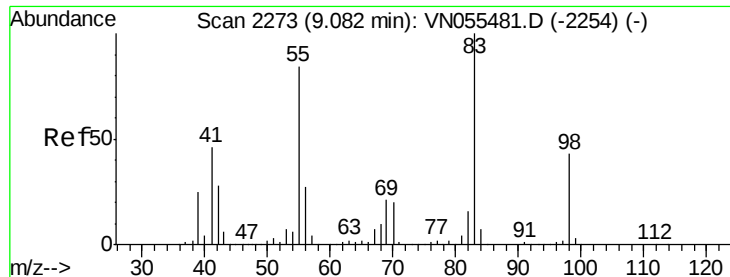
Tot Ion: 43 Resp: 566967
Ion Ratio Lower Upper
43 100
61 13.5 10.9 16.3
70 9.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 51.138 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion: 117 Resp: 496874
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.6
121 29.9 25.2 37.8

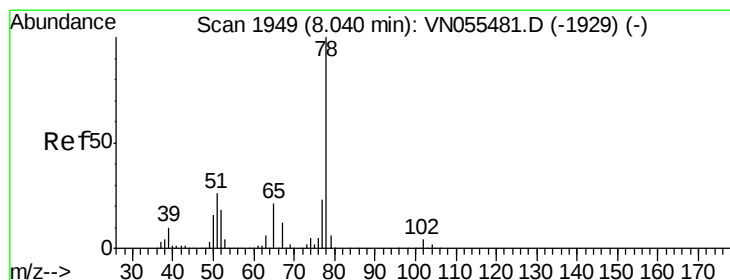
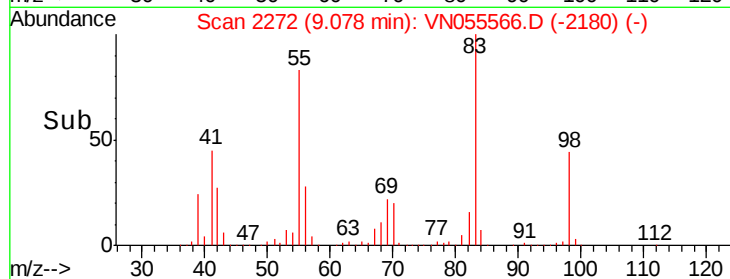
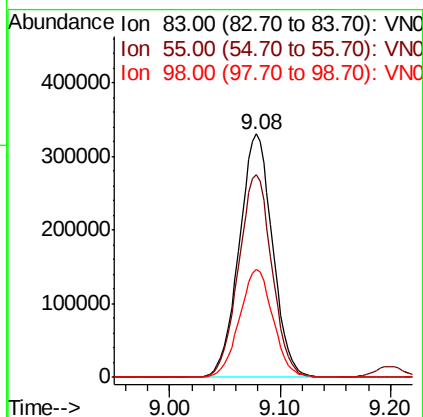
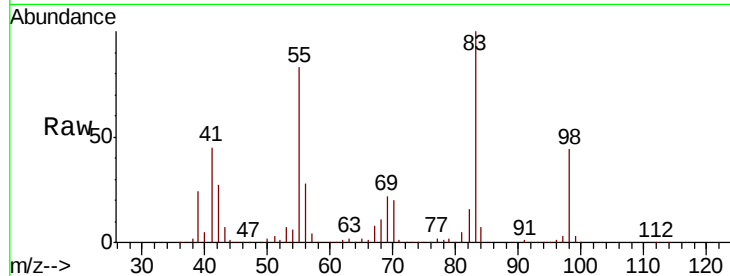




#39
Methvlcvclohexane
Concen: 49.080 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

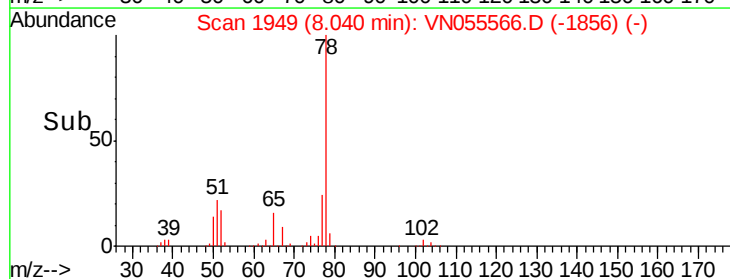
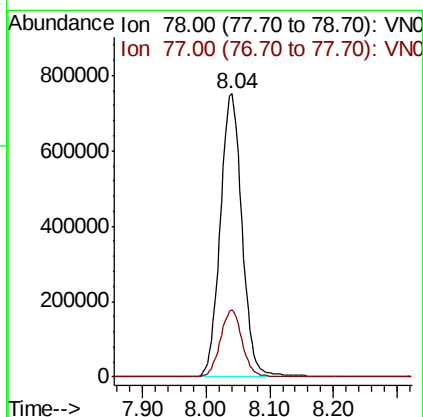
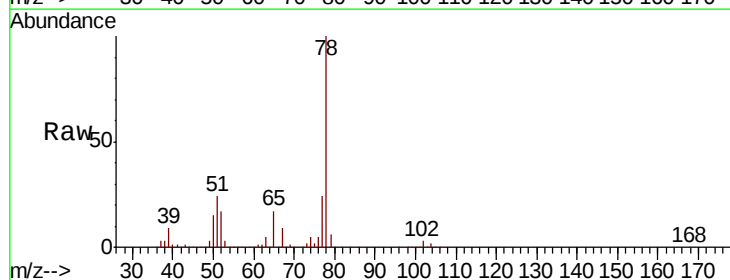
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

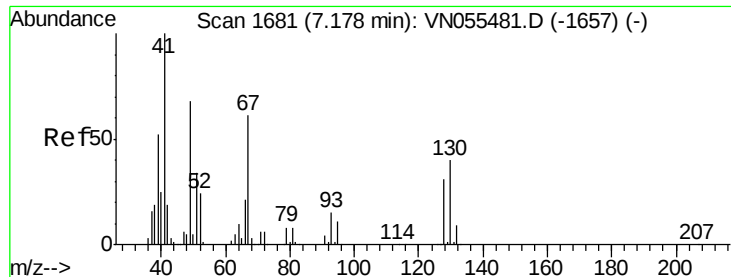
Tot Ion: 83 Resp: 690515
Ion Ratio Lower Upper
83 100
55 83.5 67.0 100.4
98 44.3 34.2 51.4



#40
Benzene
Concen: 50.058 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion: 78 Resp: 1792713
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8

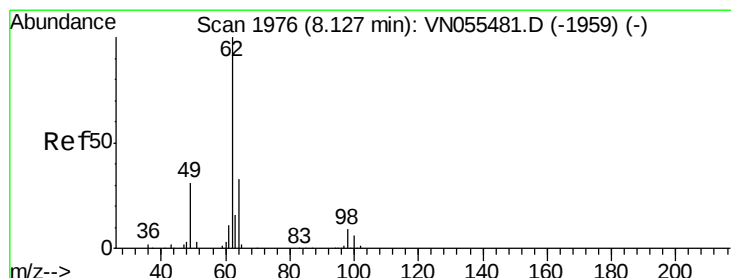
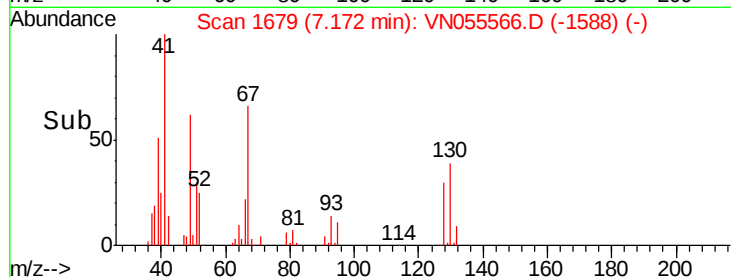
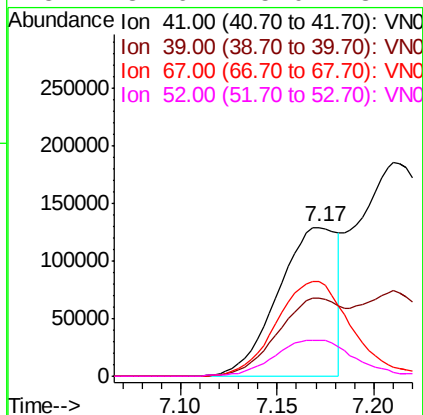
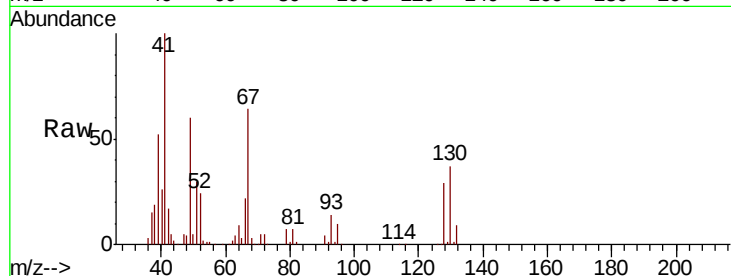




#41
Methacrylonitrile
Concen: 46.655 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

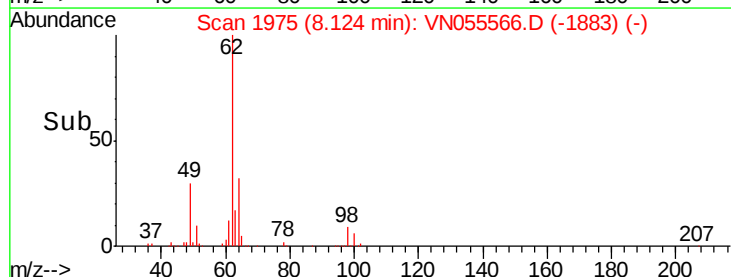
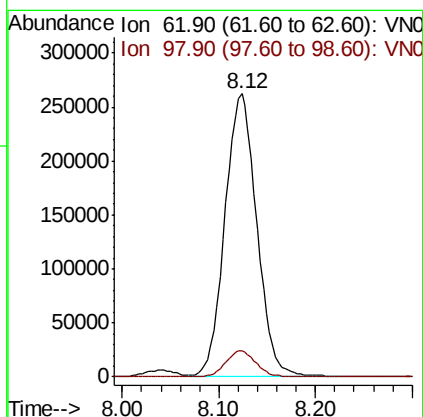
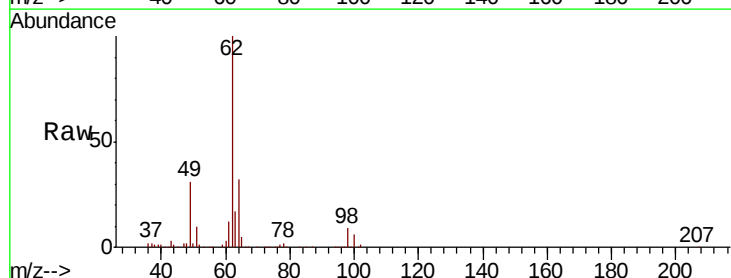
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

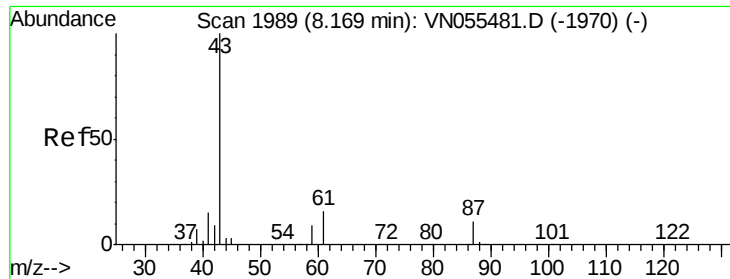
Tot Ion:	41	Resp:	272568
Ion	Ratio	Lower	Upper
41	100		
39	60.6	44.7	67.1
67	82.6	61.4	92.0
52	32.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 47.489 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion:	62	Resp:	597502
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4





#43

Isopropyl Acetate

Concen: 46.816 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.01 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

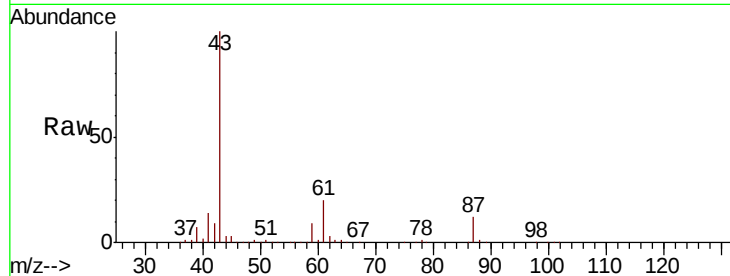
Tot Ion: 43 Resp: 895264

Ion Ratio Lower Upper

43 100

61 20.1 15.1 22.7

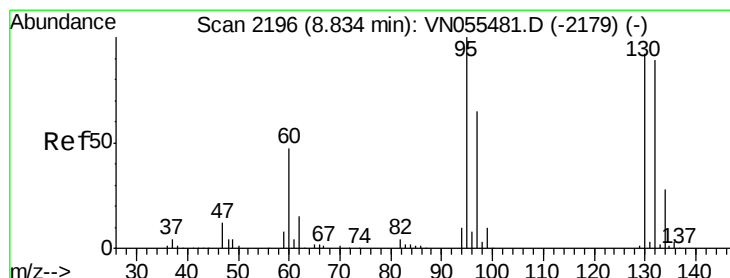
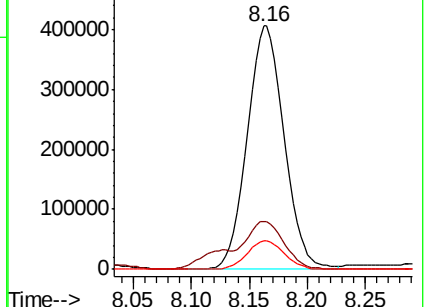
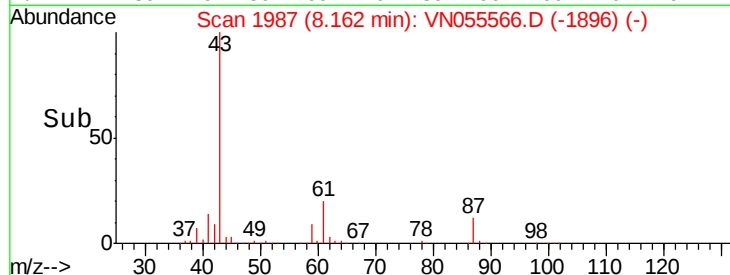
87 12.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055481.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055481.D (-1970) (-)



#44

Trichloroethene

Concen: 50.506 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055566.D

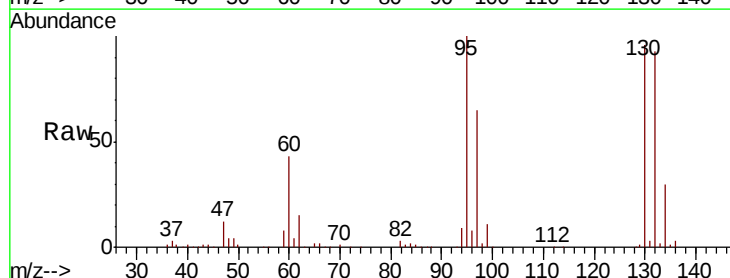
Acq: 13 May 2019 9:30

Tgt Ion: 130 Resp: 430371

Ion Ratio Lower Upper

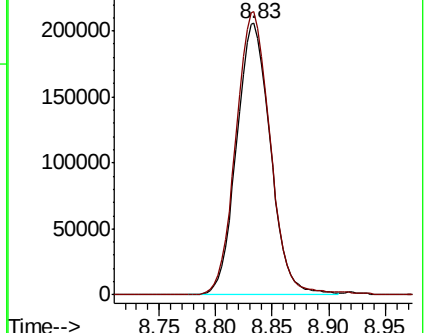
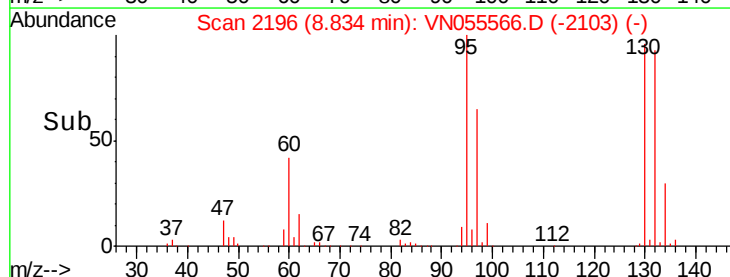
130 100

95 104.3 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055481.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055481.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 49.271 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

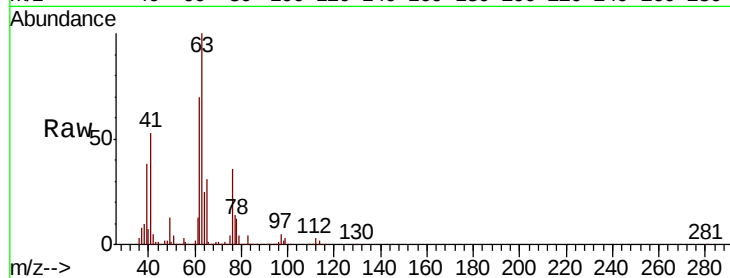
VSTDCCC050

Tot Ion: 63 Resp: 504871

Ion Ratio Lower Upper

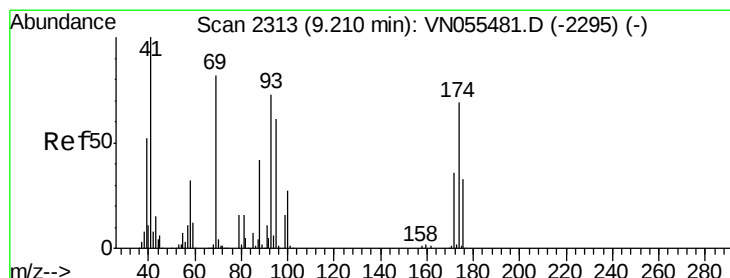
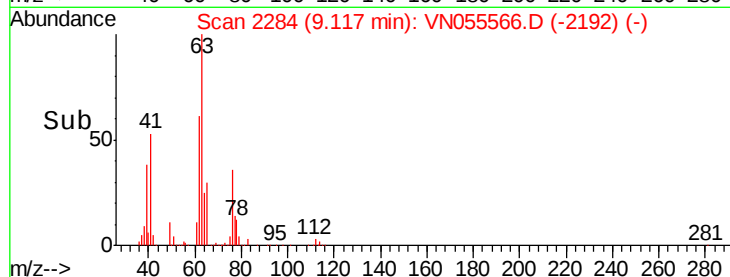
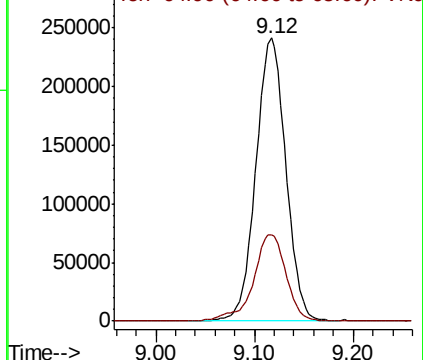
63 100

65 30.7 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.429 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

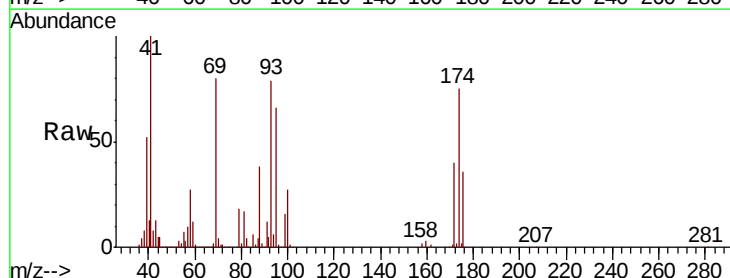
Tgt Ion: 93 Resp: 293577

Ion Ratio Lower Upper

93 100

95 82.7 64.8 97.2

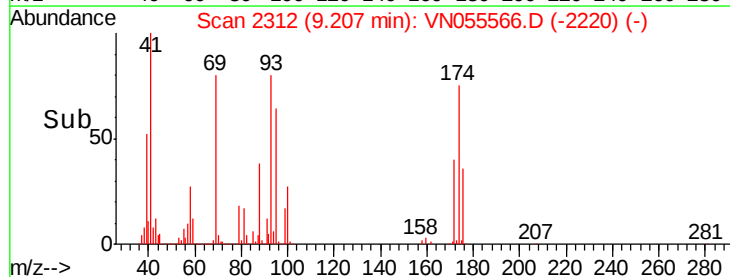
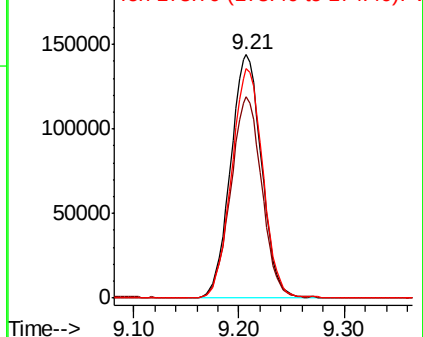
174 95.0 75.0 112.6

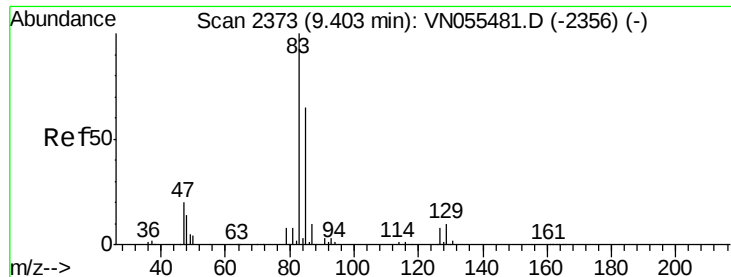


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.783 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

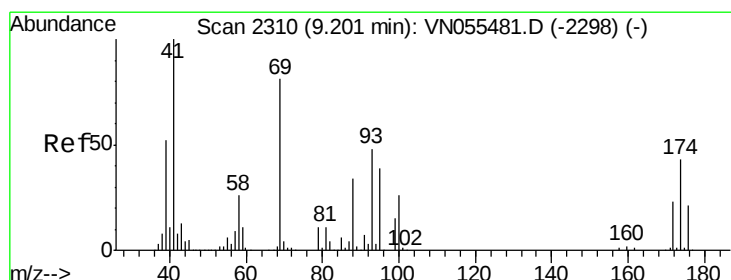
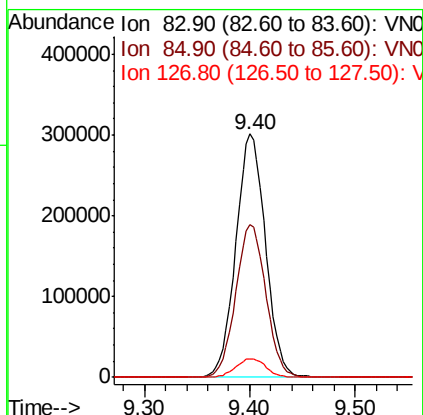
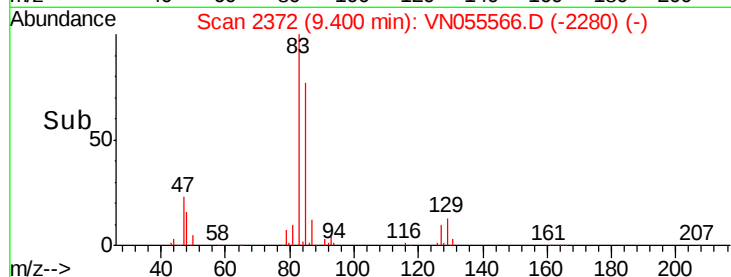
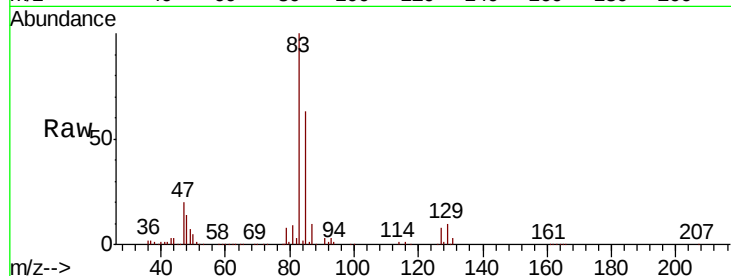
Tot Ion: 83 Resp: 588383

Ion Ratio Lower Upper

83 100

85 62.9 52.2 78.2

127 7.7 6.5 9.7



#48

Methyl methacrylate

Concen: 45.844 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

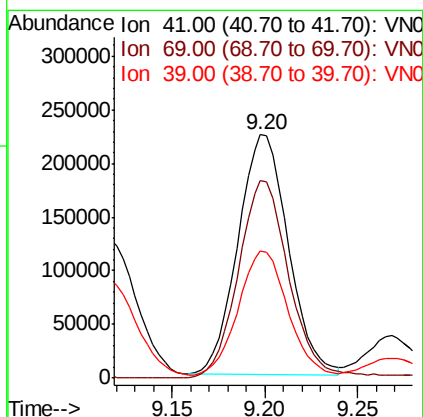
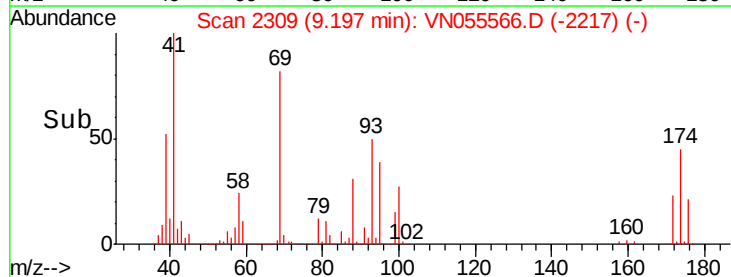
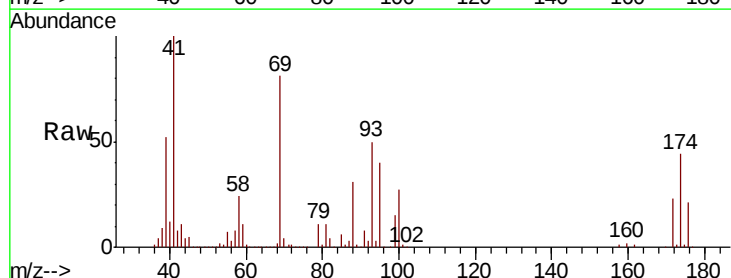
Tgt Ion: 41 Resp: 422389

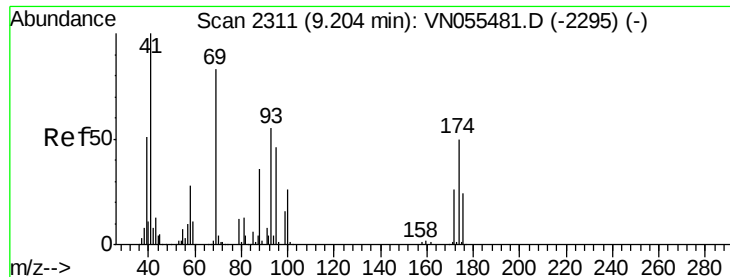
Ion Ratio Lower Upper

41 100

69 83.9 64.2 96.2

39 50.5 41.6 62.4

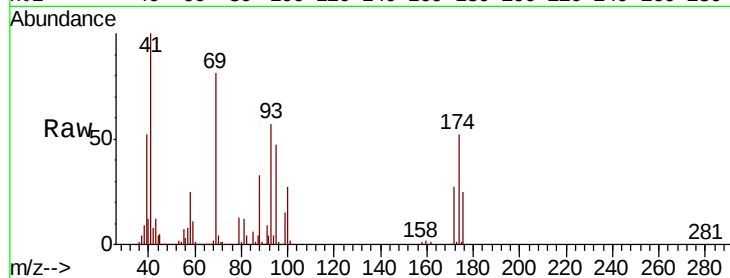




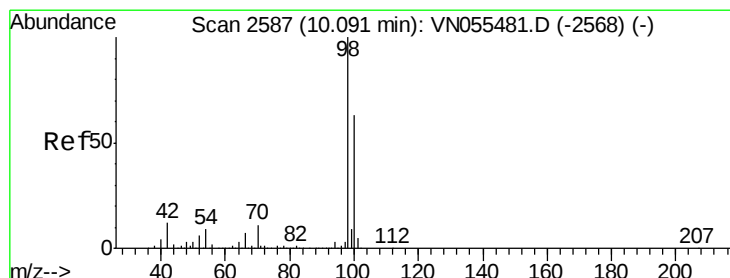
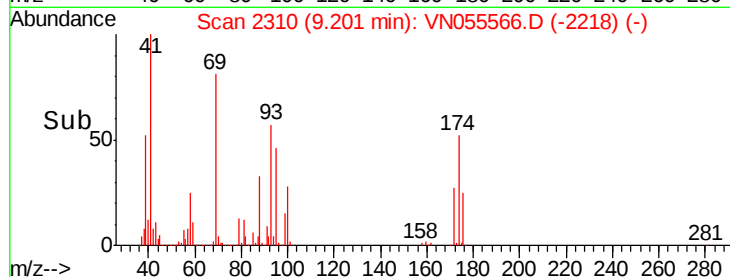
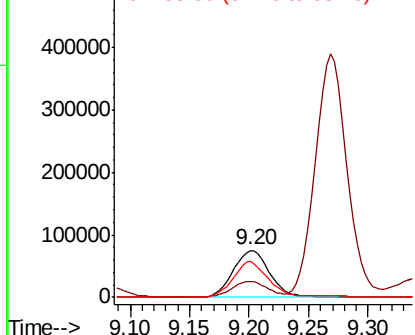
#49
1,4-Dioxane
Concen: 889.678 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 159765
Ion Ratio Lower Upper
88 100
43 32.0 27.8 41.8
58 72.8 61.8 92.6

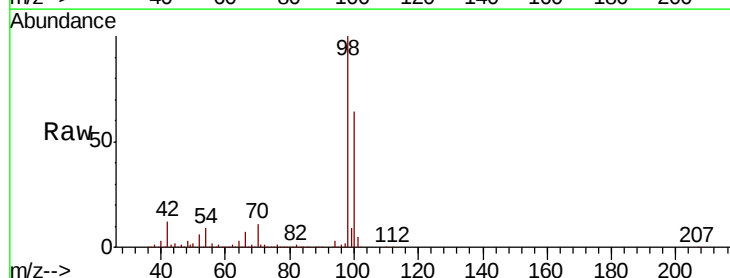


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

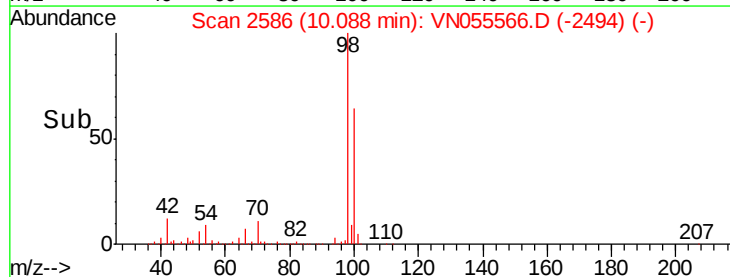
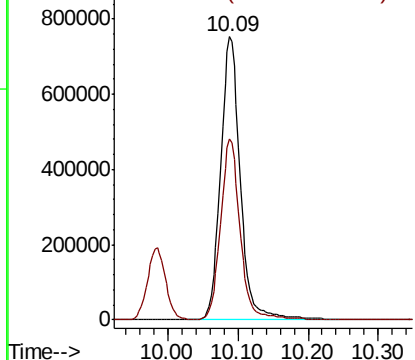


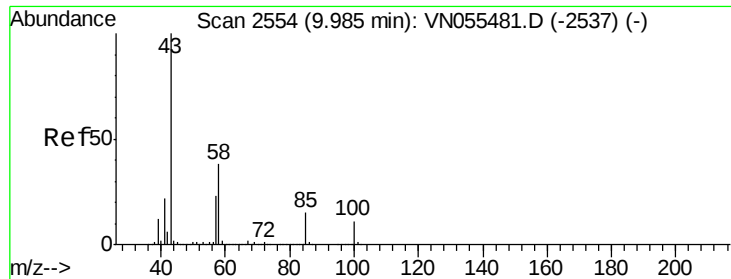
#50
Toluene-d8
Concen: 49.860 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion: 98 Resp: 1468062
Ion Ratio Lower Upper
98 100
100 63.2 50.4 75.6



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





#51

4-Methyl-2-Pentanone

Concen: 223.364 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

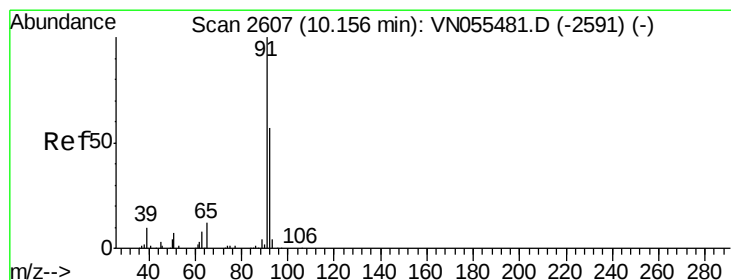
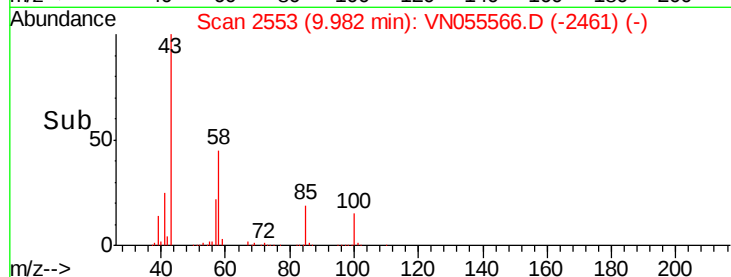
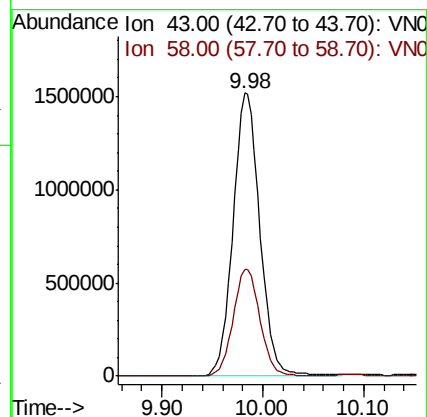
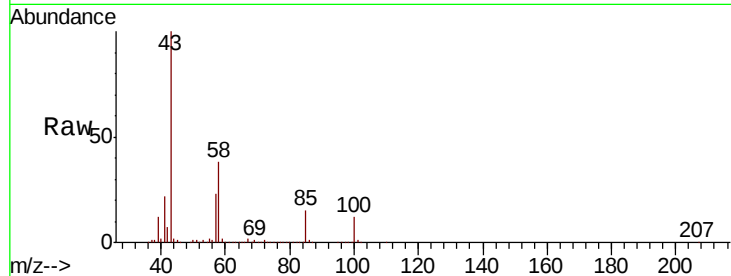
VSTDCCC050

Tot Ion: 43 Resp: 2809232

Ion Ratio Lower Upper

43 100

58 37.8 29.9 44.9



#52

Toluene

Concen: 52.163 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055566.D

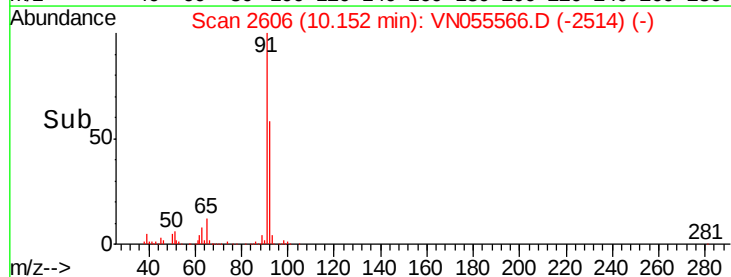
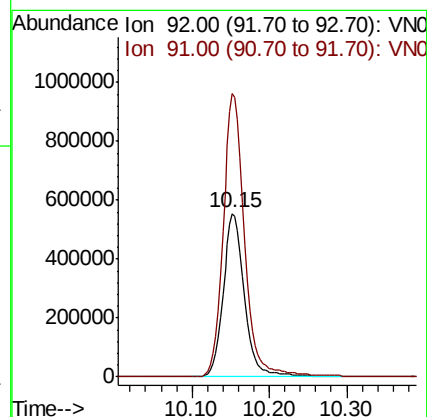
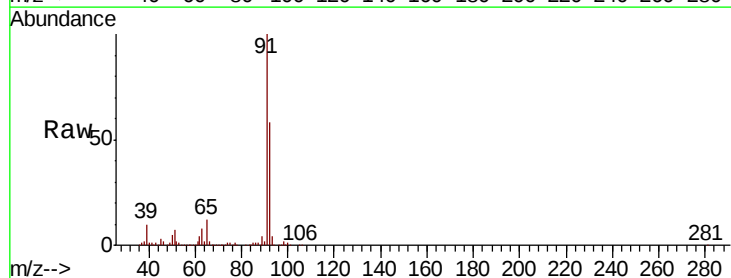
Acq: 13 May 2019 9:30

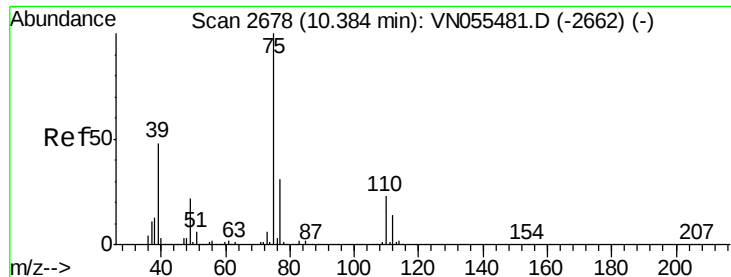
Tgt Ion: 92 Resp: 1067981

Ion Ratio Lower Upper

92 100

91 175.1 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 54.624 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

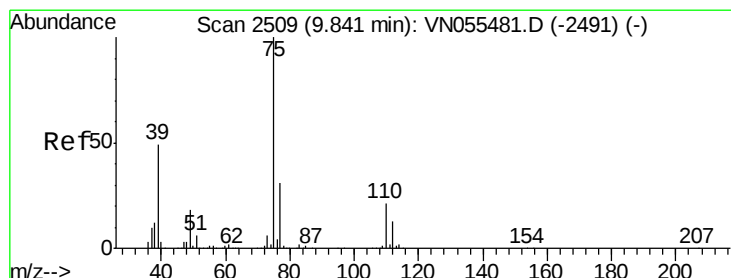
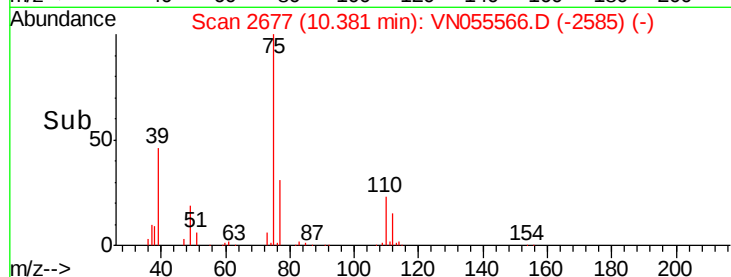
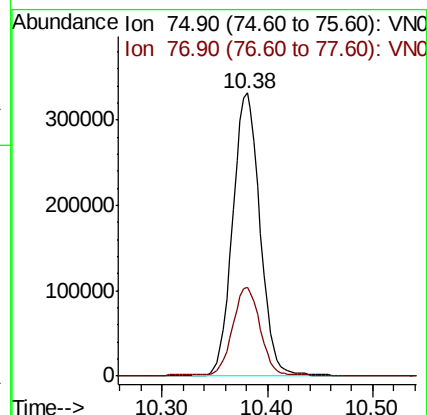
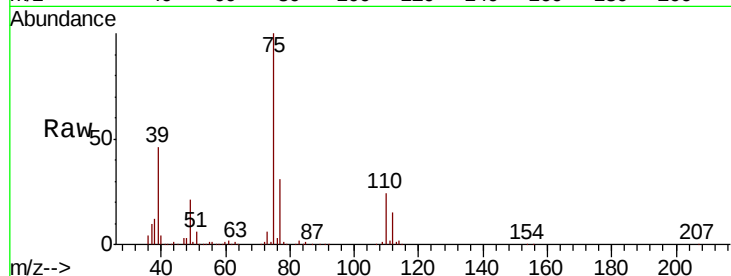
VSTDCCC050

Tot Ion: 75 Resp: 596109

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 54.281 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

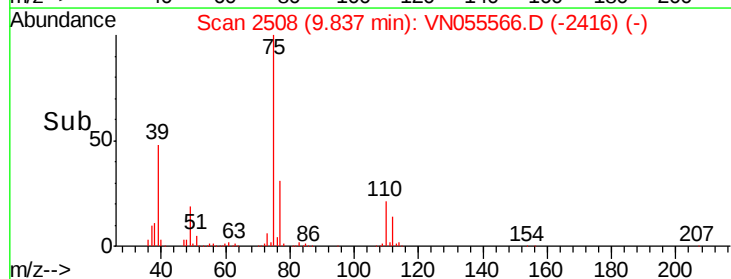
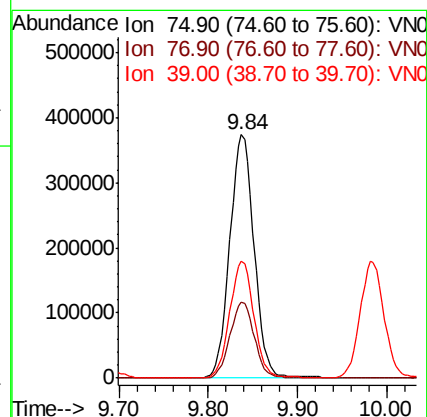
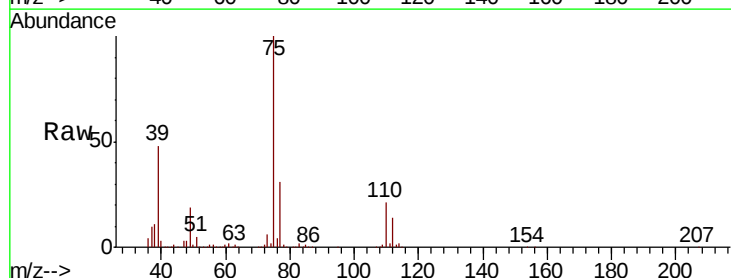
Tgt Ion: 75 Resp: 707842

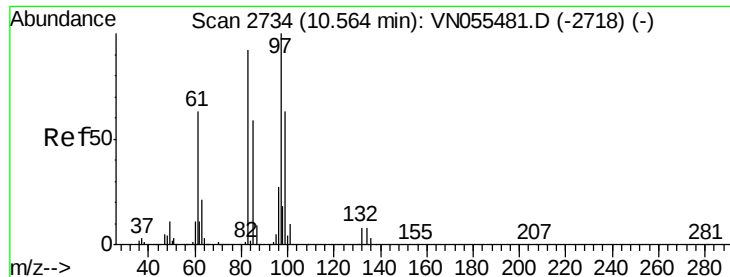
Ion Ratio Lower Upper

75 100

77 31.3 24.4 36.6

39 48.0 39.5 59.3





#55

1,1,2-Trichloroethane

Concen: 49.678 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 412097

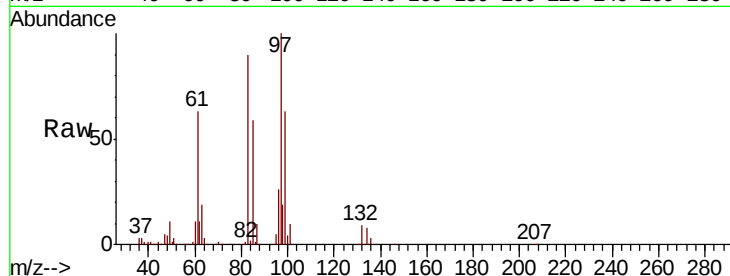
Ion Ratio Lower Upper

97 100

83 90.3 73.2 109.8

85 59.0 47.5 71.3

99 62.5 50.2 75.2

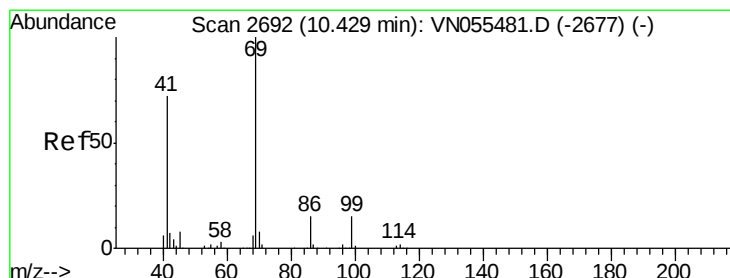
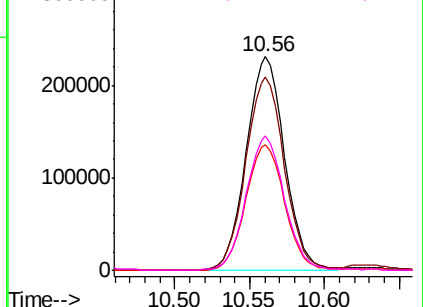
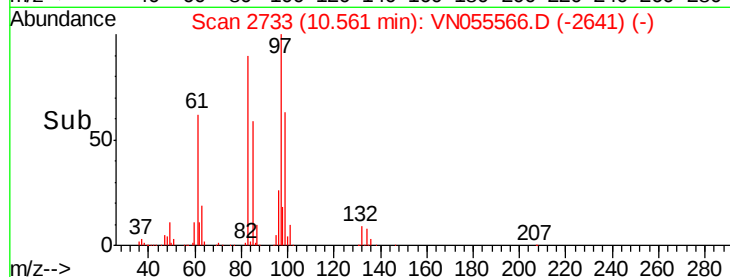


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 48.697 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

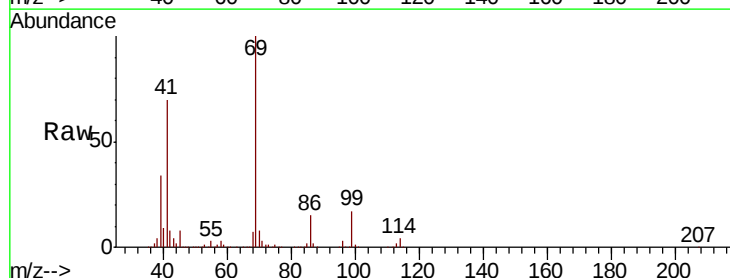
Tgt Ion: 69 Resp: 600865

Ion Ratio Lower Upper

69 100

41 68.9 56.2 84.2

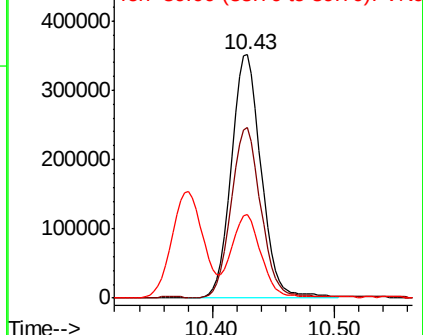
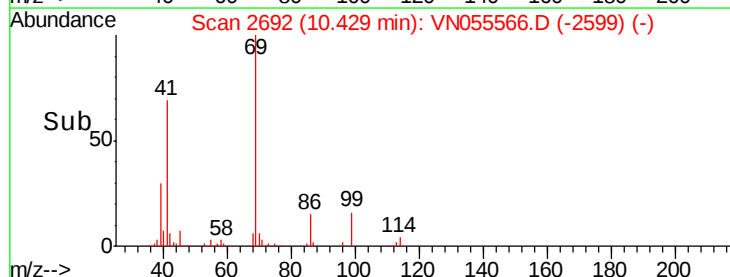
39 33.1 27.8 41.6

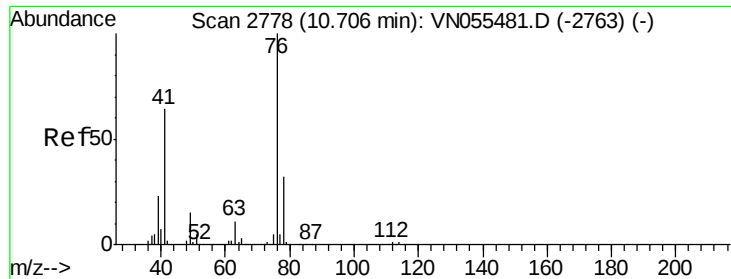


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

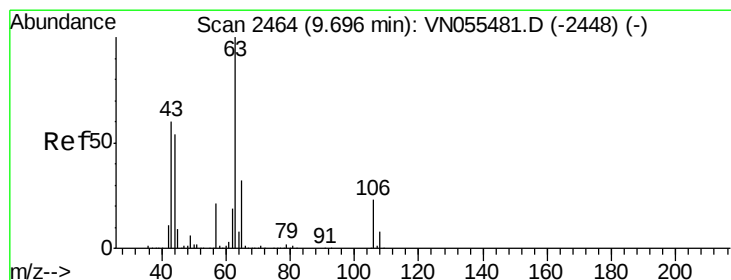
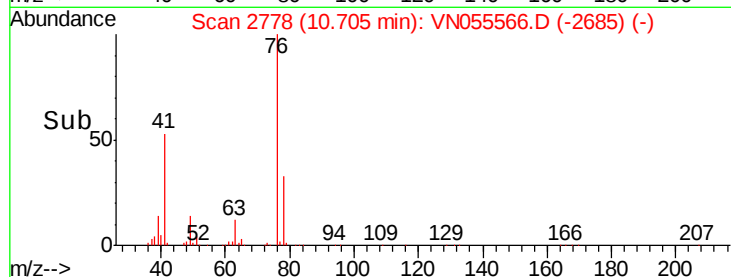
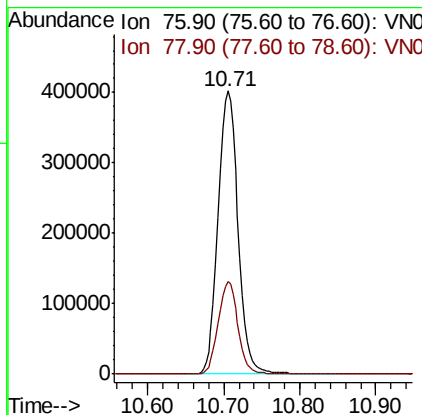
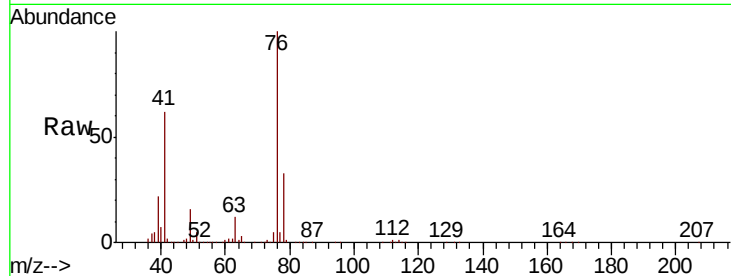




#57
 1,3-Dichloropropane
 Concen: 49.940 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

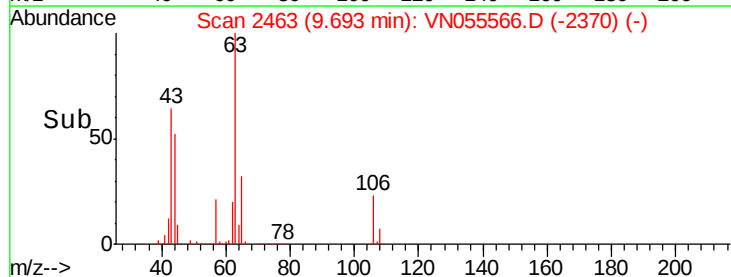
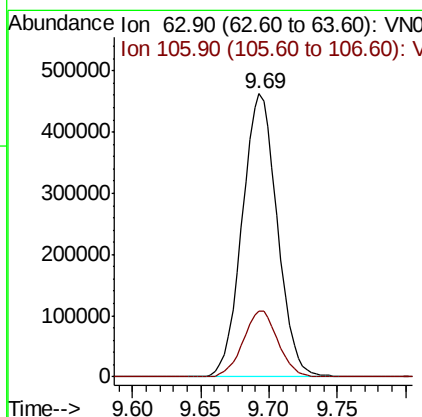
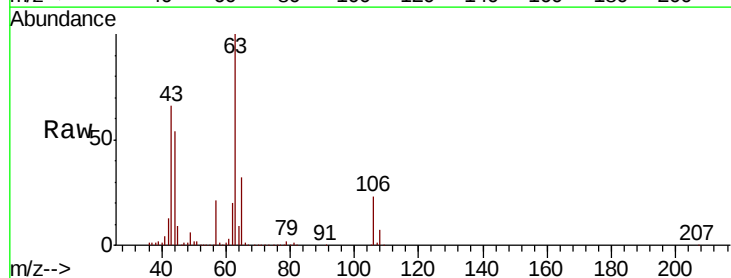
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

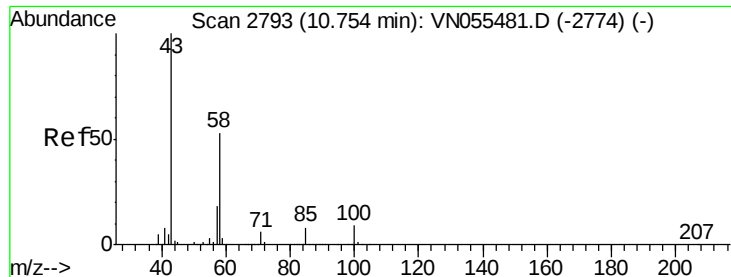
Tot Ion: 76 Resp: 735462
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 201.081 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion: 63 Resp: 824509
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.6 27.8

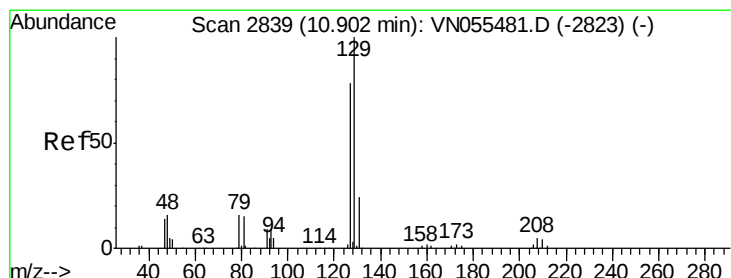
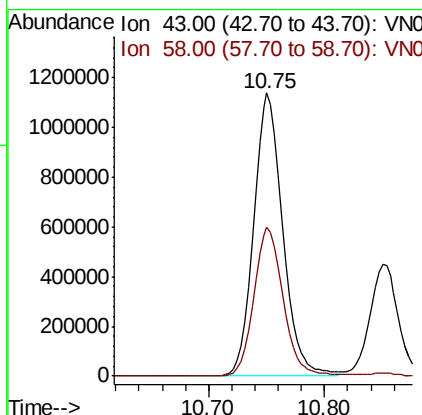
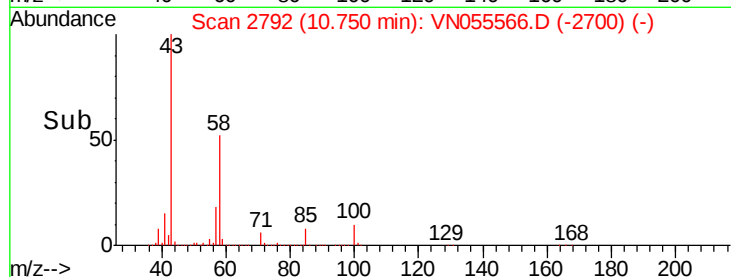
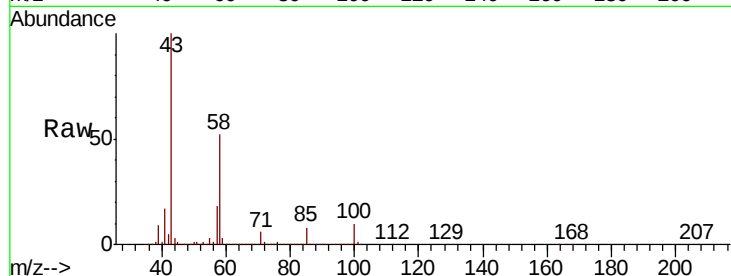




#59
2-Hexanone
Concen: 225.590 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

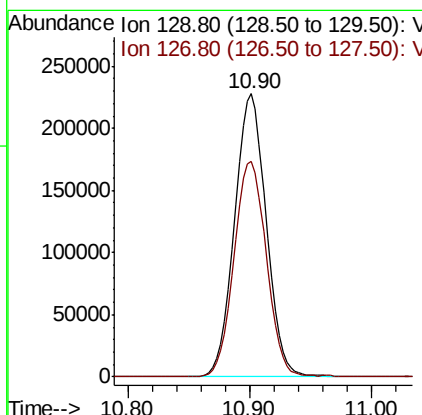
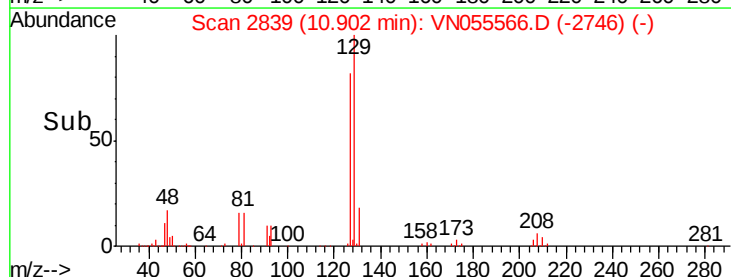
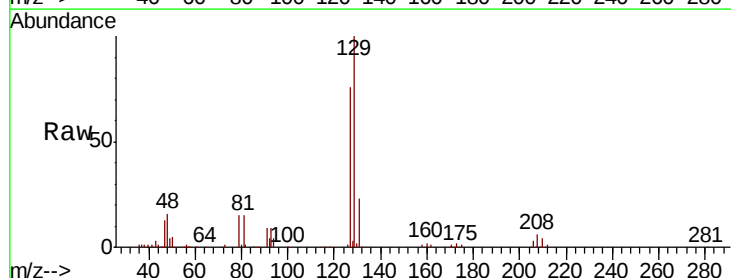
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

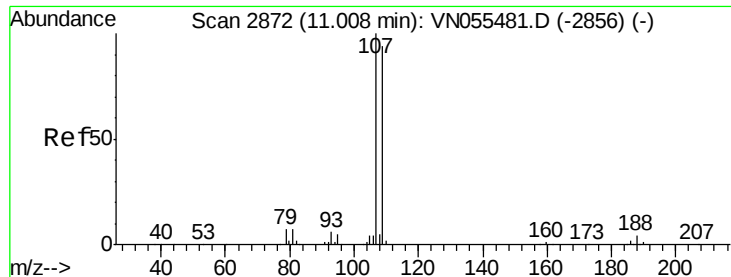
Tot Ion: 43 Resp: 1989751
Ion Ratio Lower Upper
43 100
58 53.2 26.4 79.0



#60
Dibromochloromethane
Concen: 54.369 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion: 129 Resp: 410058
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0

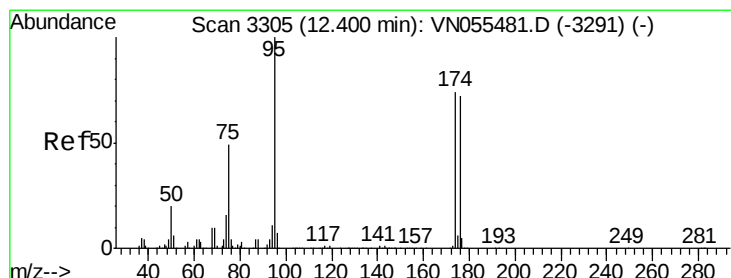
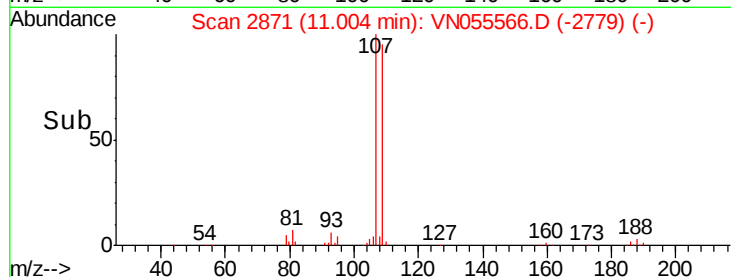
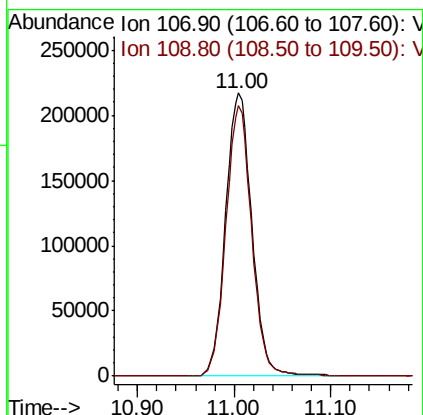
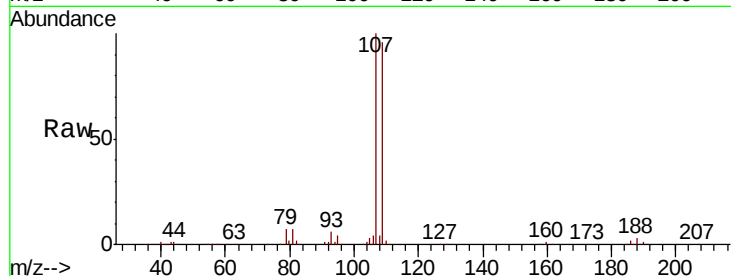




#61
 1,2-Dibromoethane
 Concen: 51.426 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

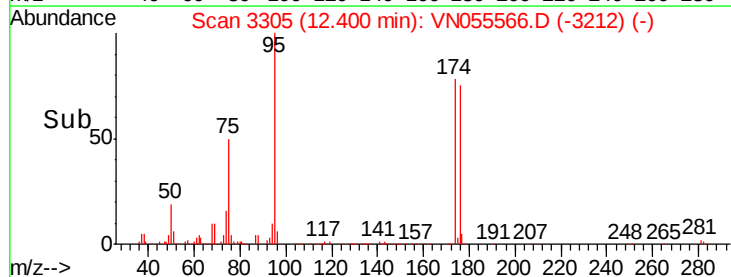
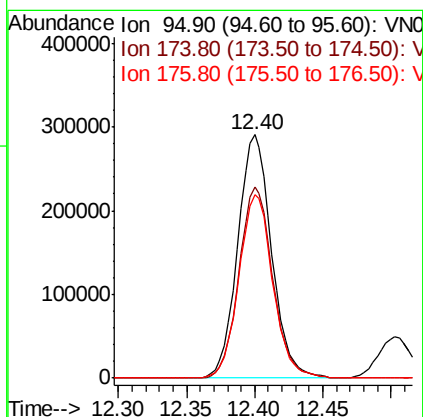
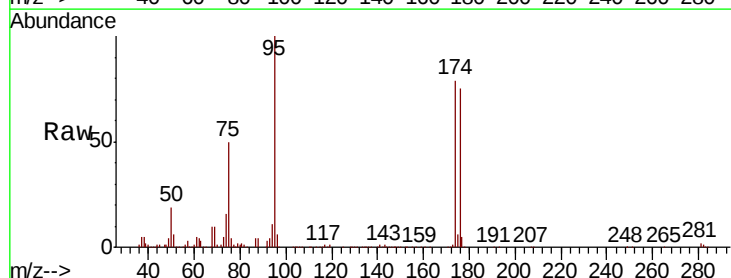
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

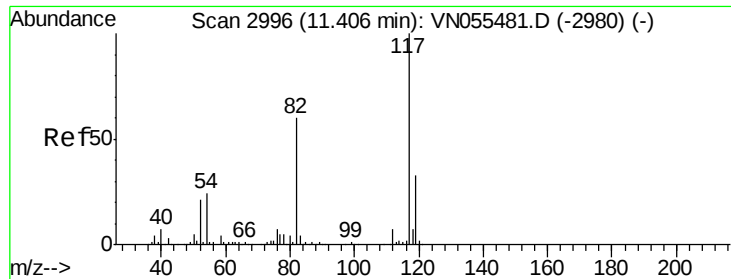
Tot Ion:107 Resp: 409876
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 50.329 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion: 95 Resp: 499667
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 152.2
 176 75.8 0.0 147.8

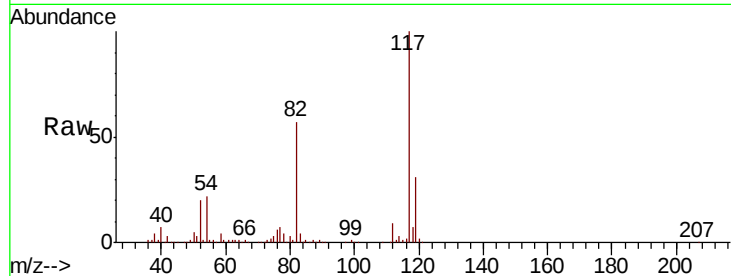




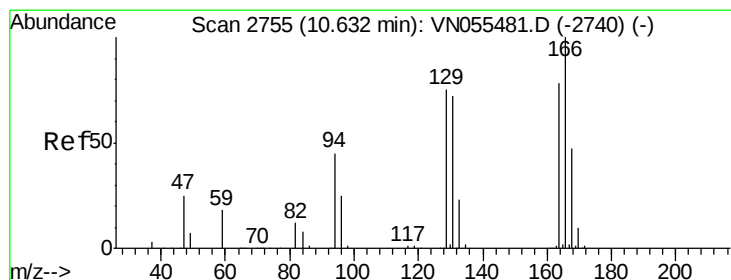
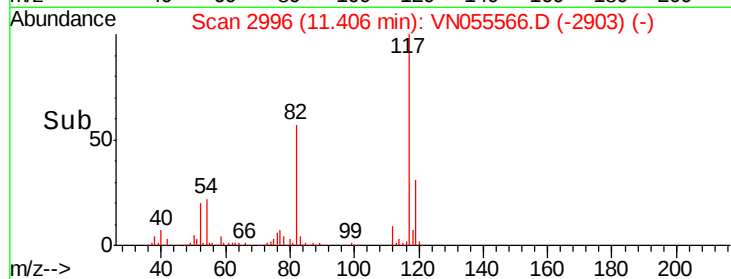
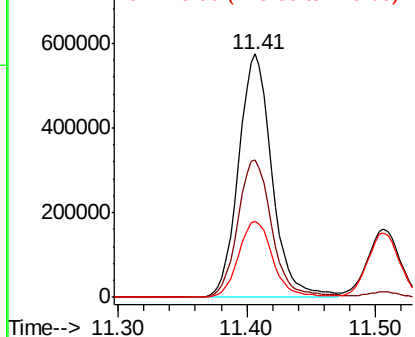
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 1036198
Ion Ratio Lower Upper
117 100
82 56.7 48.0 72.0
119 31.4 26.0 39.0

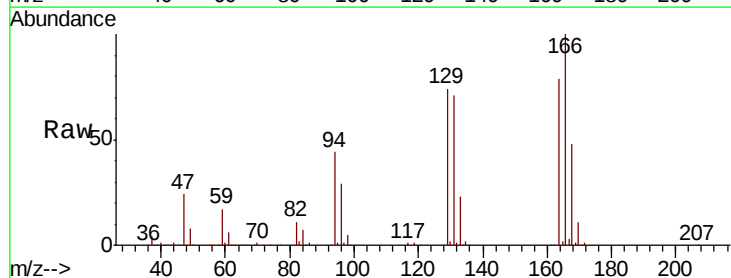


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

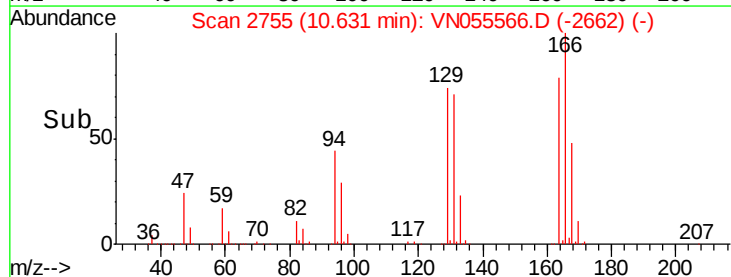
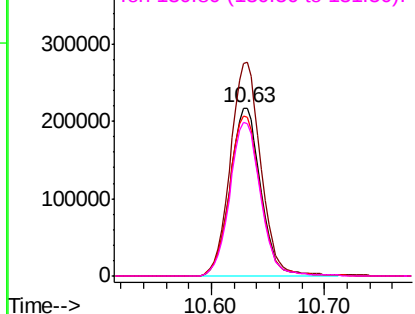


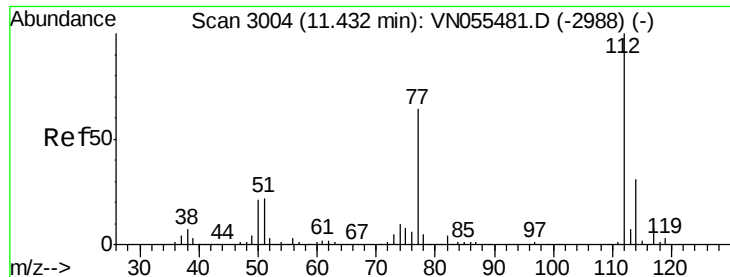
#64
Tetrachloroethene
Concen: 48.200 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion:164 Resp: 409252
Ion Ratio Lower Upper
164 100
166 127.1 102.6 153.8
129 94.1 77.0 115.6
131 90.5 73.7 110.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

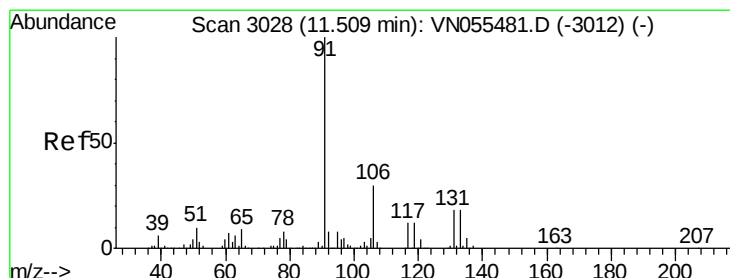
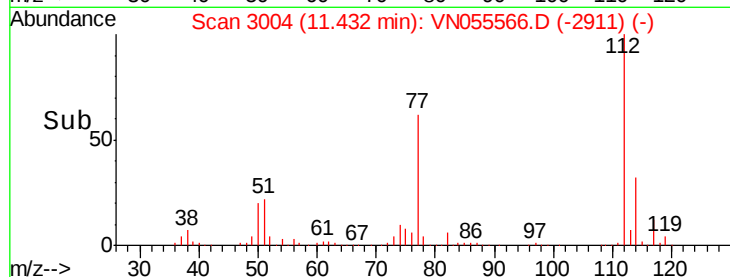
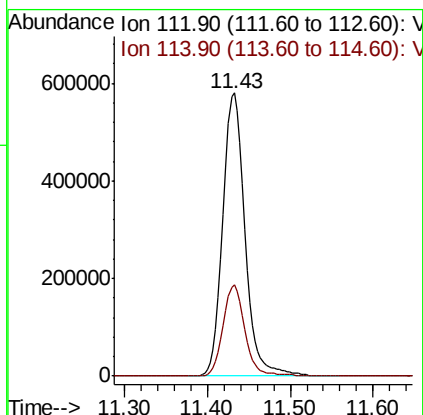
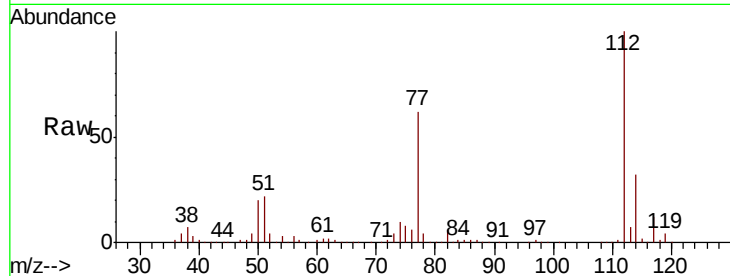




#65
Chlorobenzene
Concen: 50.681 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

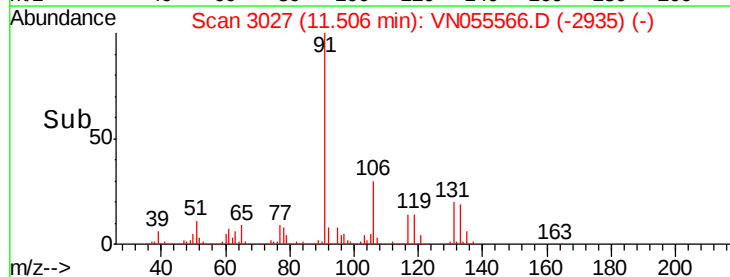
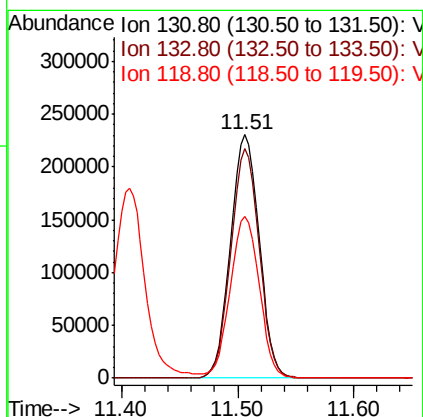
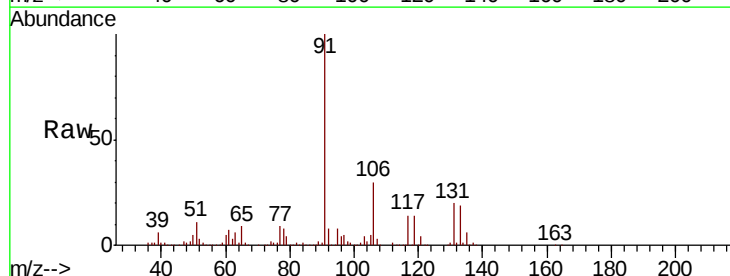
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

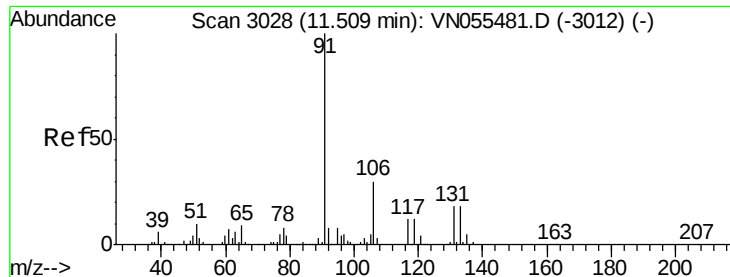
Tot Ion:112 Resp: 1080429
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.627 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion:131 Resp: 393580
Ion Ratio Lower Upper
131 100
133 93.4 47.4 142.2
119 67.1 34.1 102.2





#67

Ethyl Benzene

Concen: 50.093 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

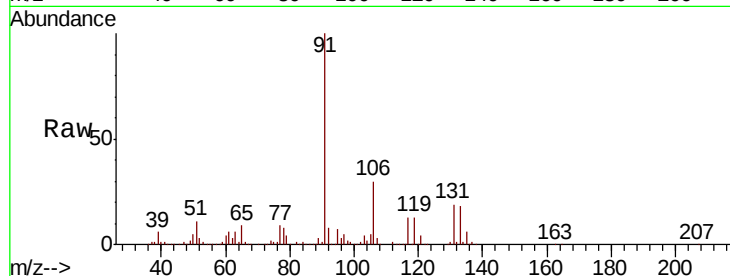
VSTDCCC050

Tot Ion: 91 Resp: 2005664

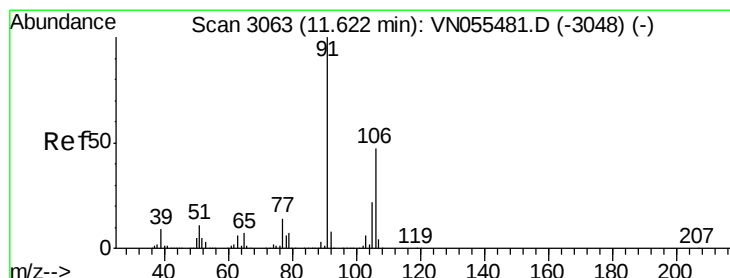
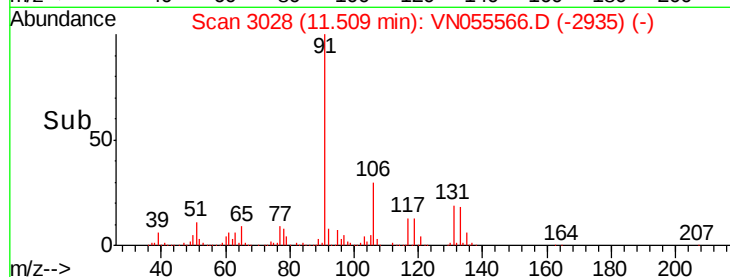
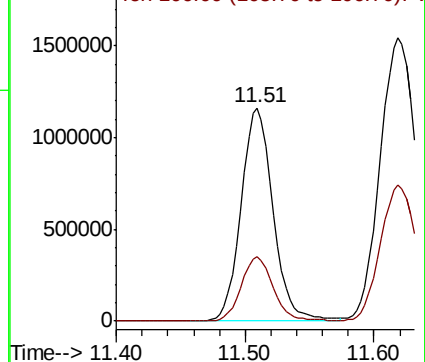
Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3012) (-)



#68

m/p-Xylenes

Concen: 103.130 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055566.D

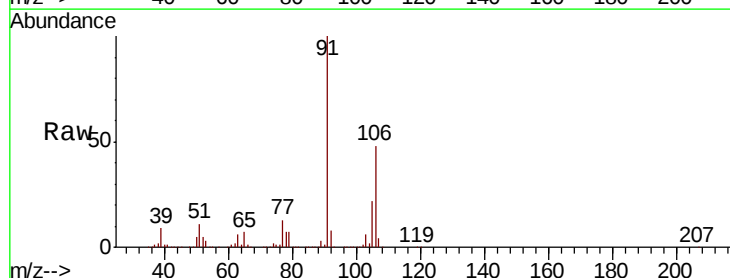
Acq: 13 May 2019 9:30

Tgt Ion: 106 Resp: 1481864

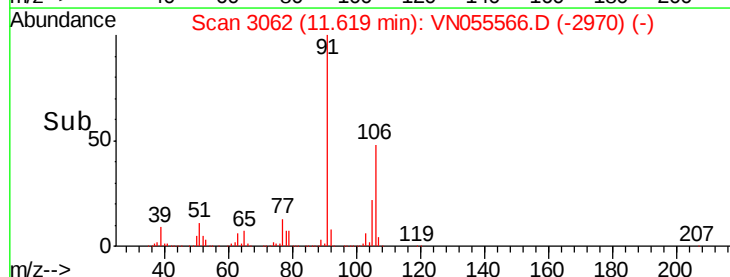
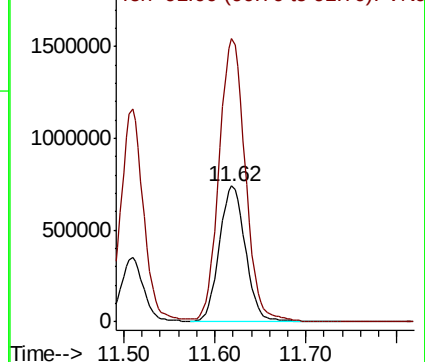
Ion Ratio Lower Upper

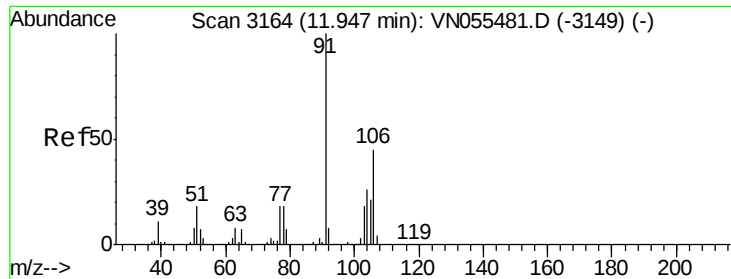
106 100

91 209.3 169.2 253.8



Abundance Ion 106.00 (105.70 to 106.70): VN055481.D (-3048) (-)

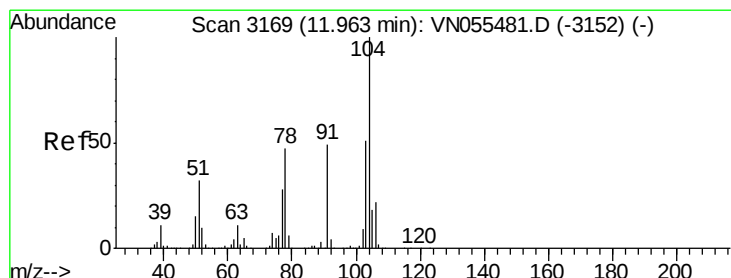
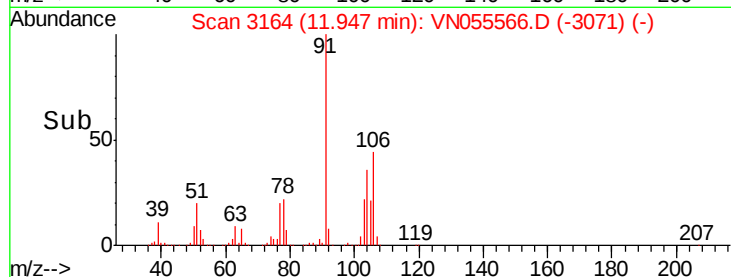
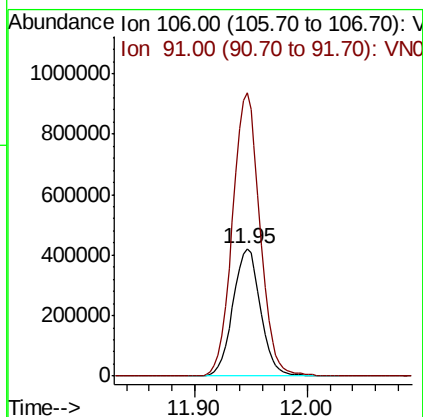
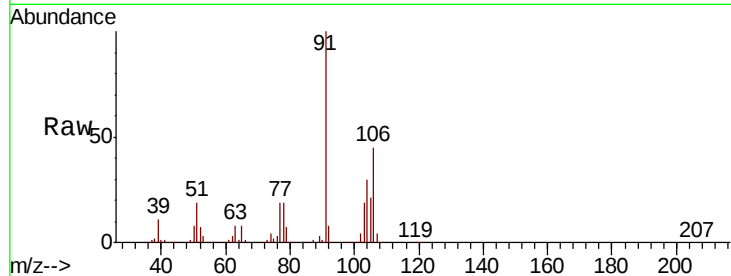




#69
o-Xylene
Concen: 50.770 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

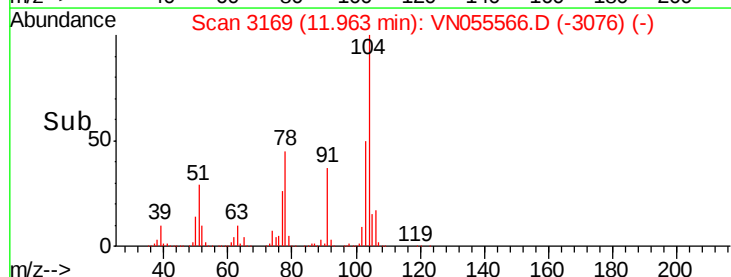
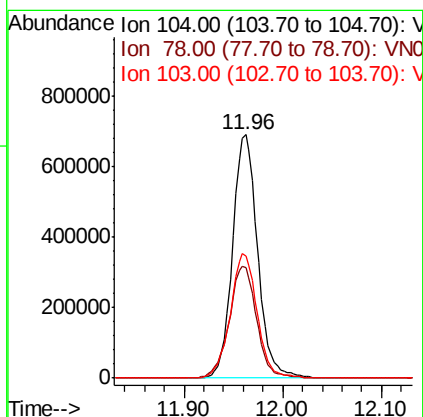
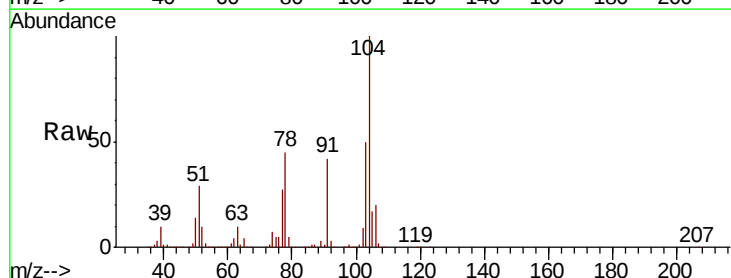
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

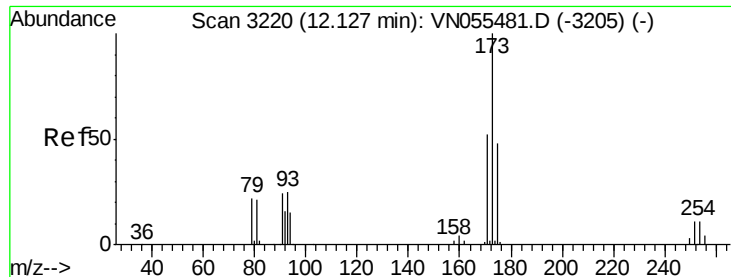
Tot Ion:106 Resp: 717021
Ion Ratio Lower Upper
106 100
91 220.6 111.3 333.8



#70
Styrene
Concen: 53.986 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion:104 Resp: 1221509
Ion Ratio Lower Upper
104 100
78 50.3 41.6 62.4
103 54.7 44.4 66.6





#71

Bromoform

Concen: 54.219 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

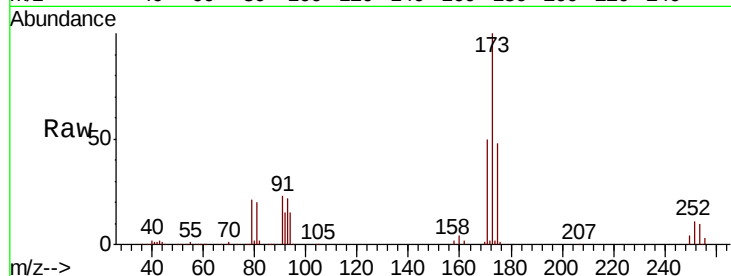
Tot Ion:173 Resp: 268521

Ion Ratio Lower Upper

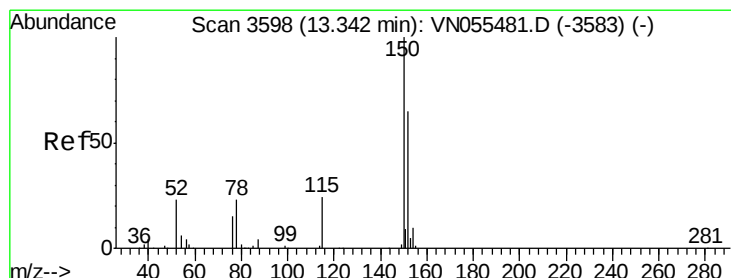
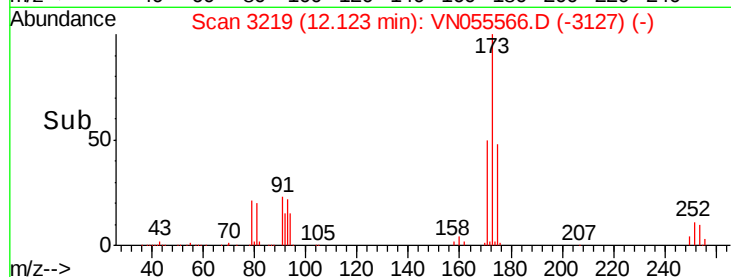
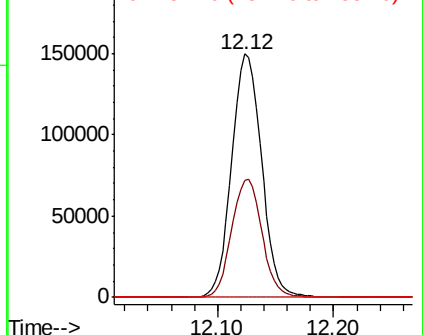
173 100

175 49.0 24.1 72.4

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
200000 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: VN055566.D

Acq: 13 May 2019 9:30

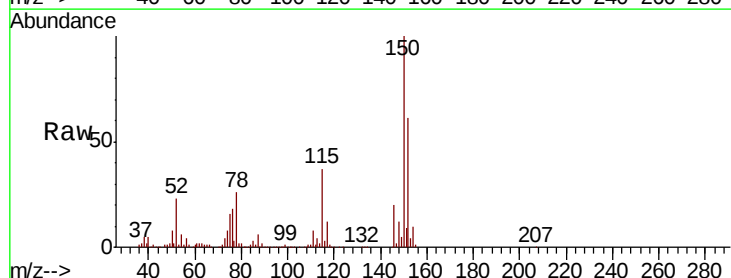
Tgt Ion:152 Resp: 429766

Ion Ratio Lower Upper

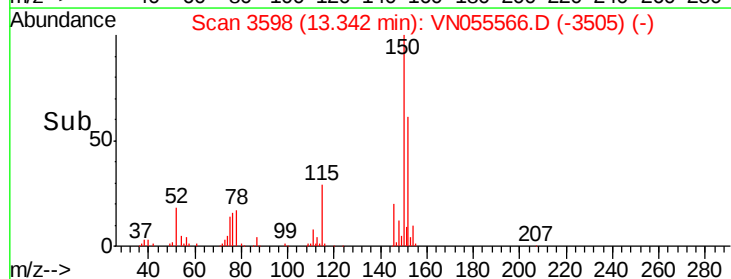
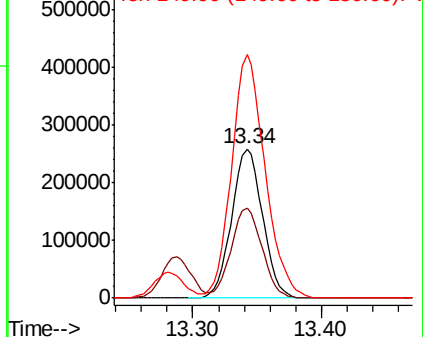
152 100

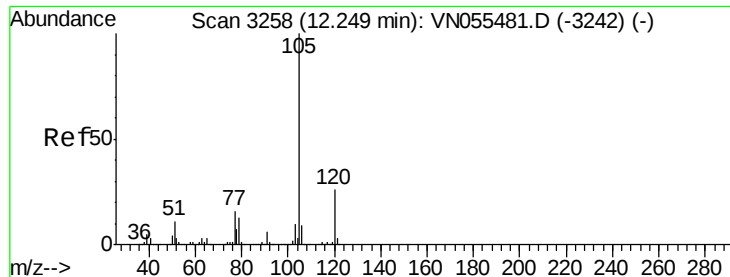
115 60.6 30.1 90.5

150 177.3 0.0 355.0



Abundance Ion 151.90 (151.60 to 152.60): V
500000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.649 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

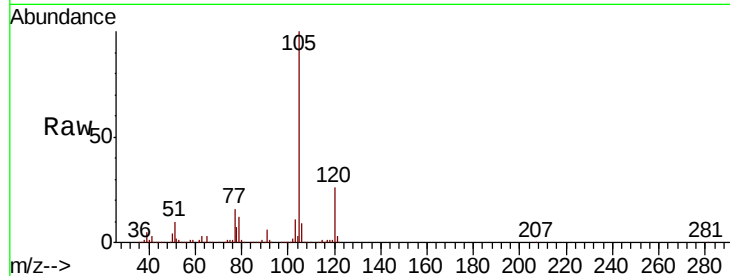
VSTDCCC050

Tot Ion:105 Resp: 1928350

Ion Ratio Lower Upper

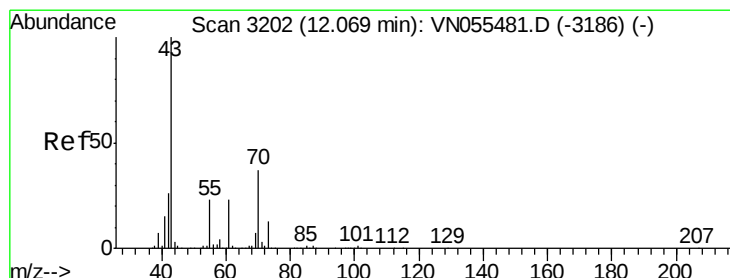
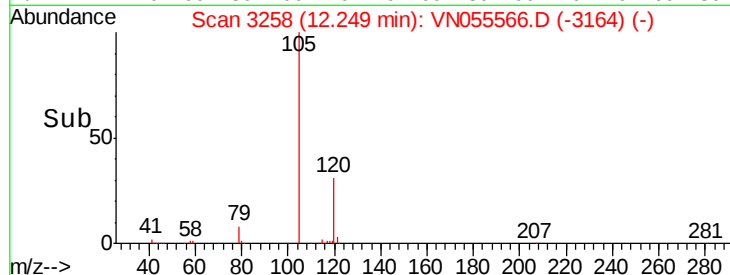
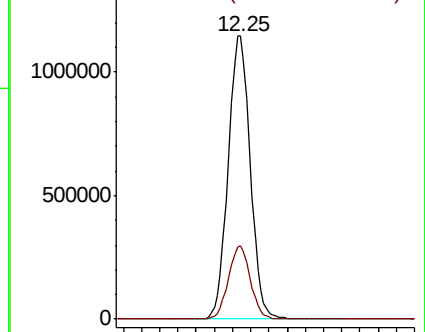
105 100

120 25.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.584 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Tgt Ion: 43 Resp: 711137

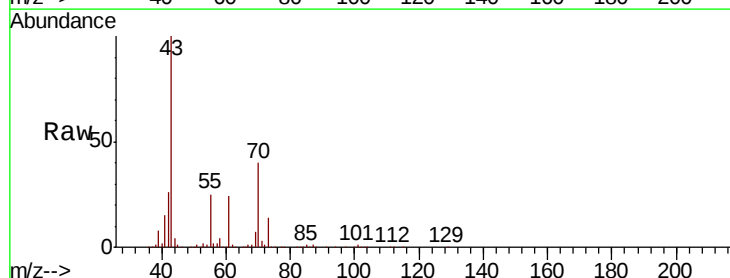
Ion Ratio Lower Upper

43 100

70 39.8 30.7 46.1

55 24.9 19.3 28.9

61 23.3 18.6 27.8

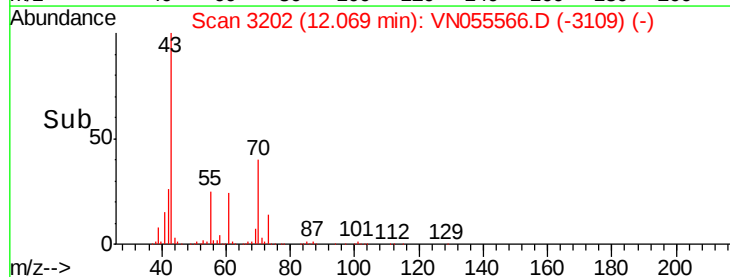
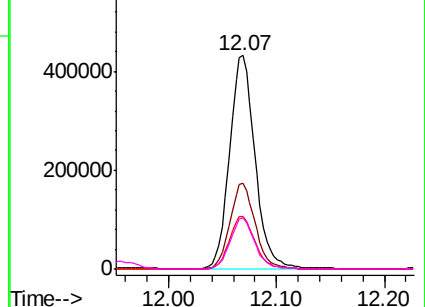


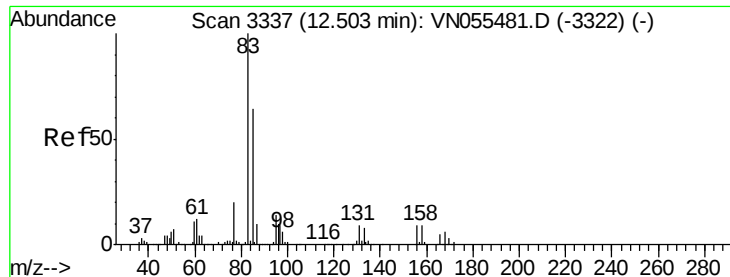
Abundance Ion 43.00 (42.70 to 43.70): V

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: 49.891 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

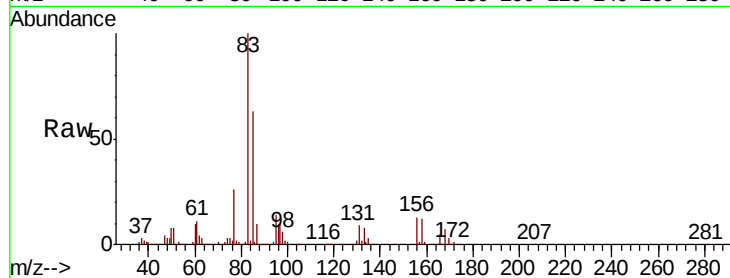
Tot Ion: 83 Resp: 574905

Ion Ratio Lower Upper

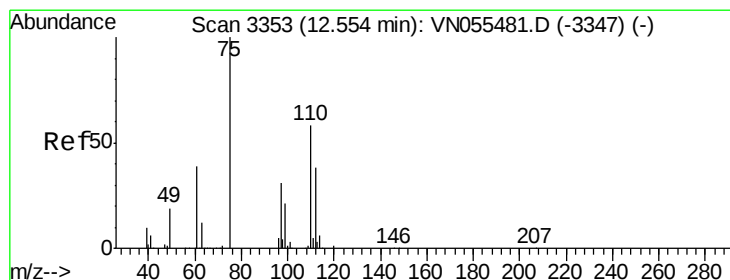
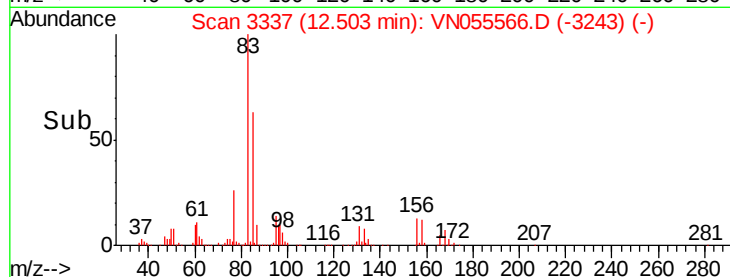
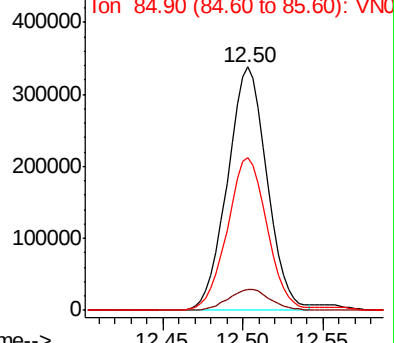
83 100

131 9.2 4.5 13.5

85 63.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN055481.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 59.008 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055566.D

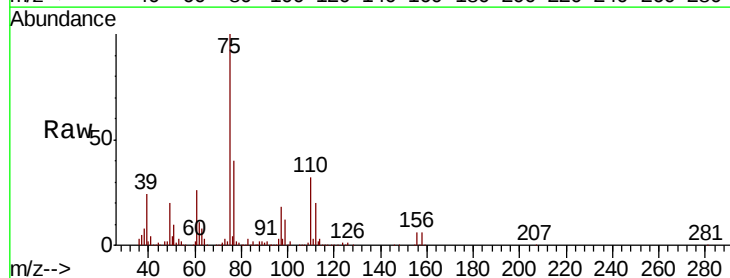
Acq: 13 May 2019 9:30

Tgt Ion: 75 Resp: 690379

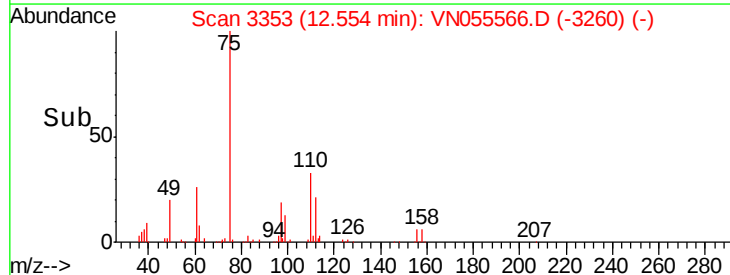
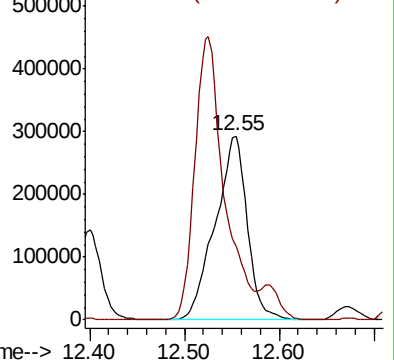
Ion Ratio Lower Upper

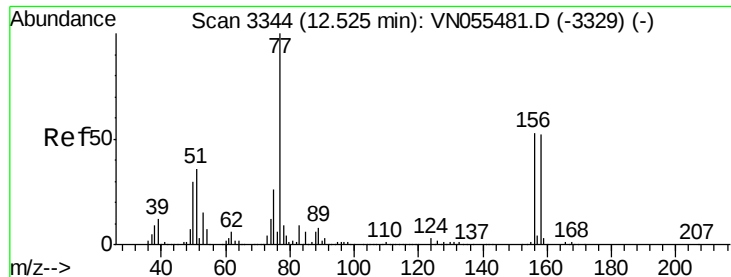
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055481.D (-3347) (-)





#77

Bromobenzene

Concen: 46.658 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

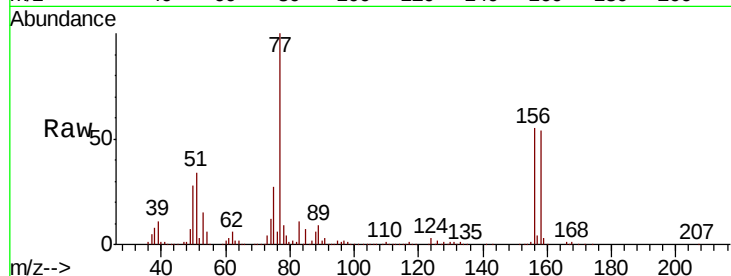
Tot Ion:156 Resp: 441904

Ion Ratio Lower Upper

156 100

77 222.3 115.4 346.2

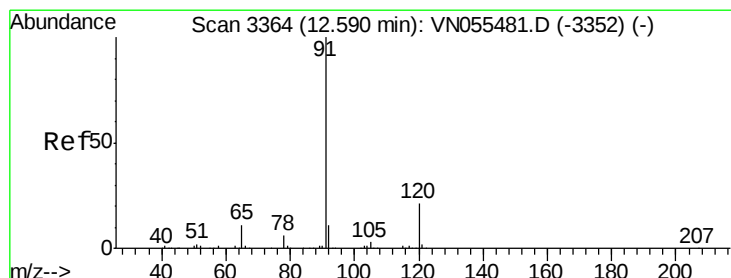
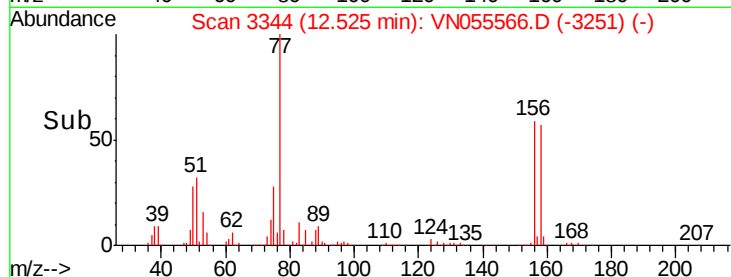
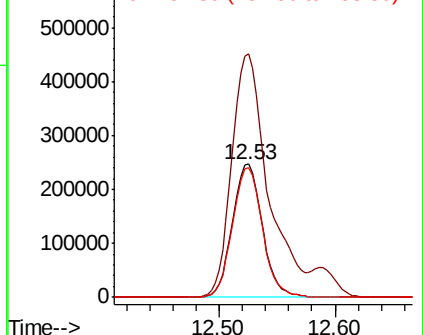
158 97.6 48.7 146.1



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: 47.844 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055566.D

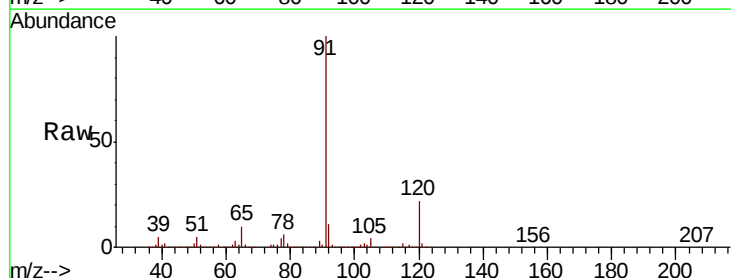
Acq: 13 May 2019 9:30

Tgt Ion: 91 Resp: 2205353

Ion Ratio Lower Upper

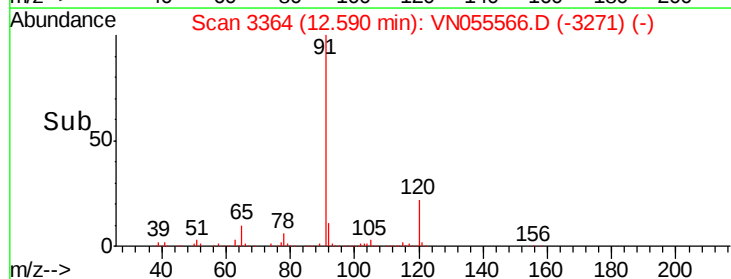
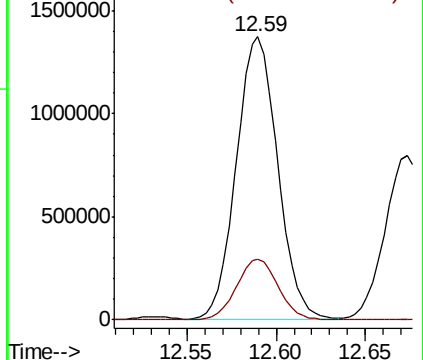
91 100

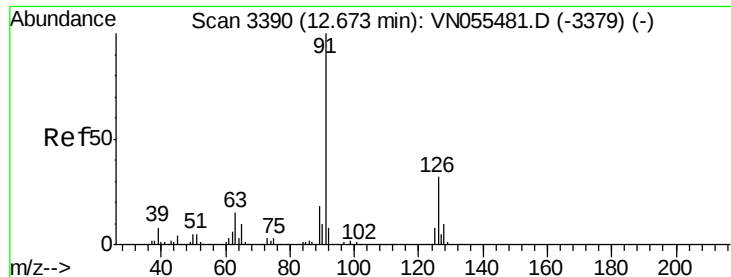
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

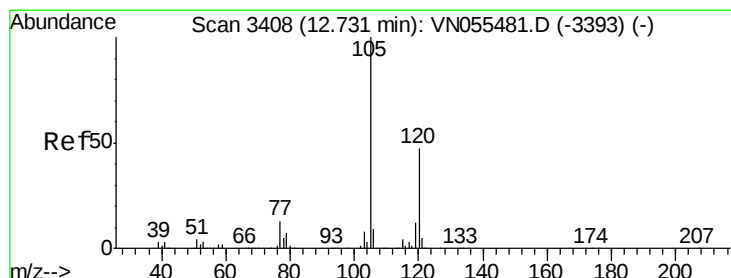
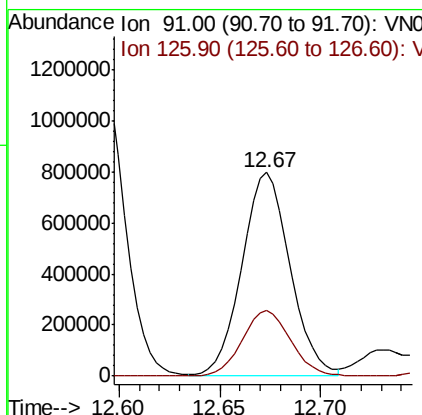
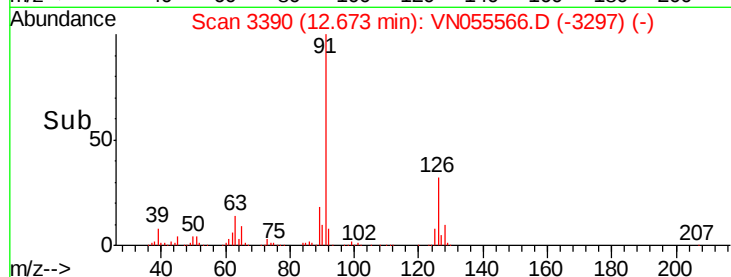
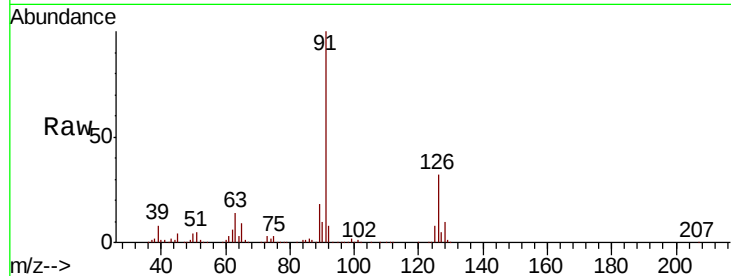




#79
 2-Chlorotoluene
 Concen: 46.161 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

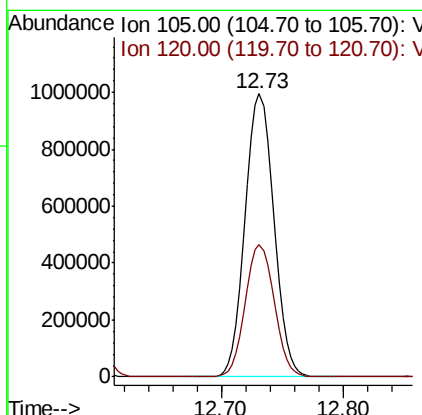
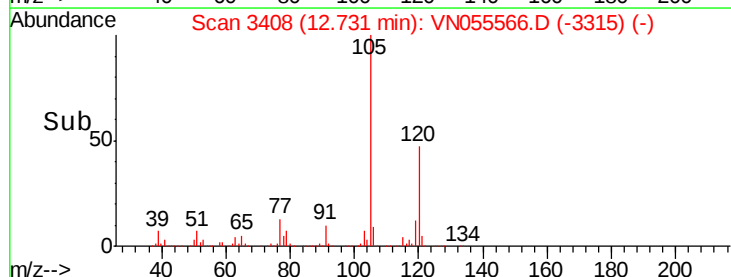
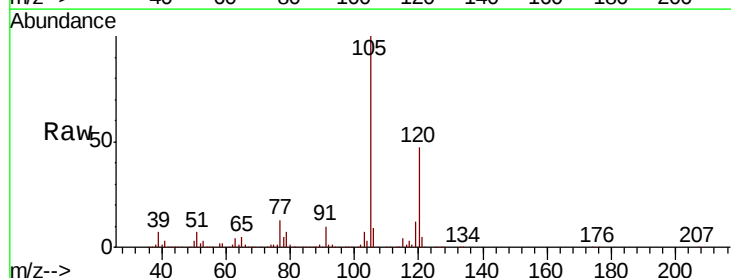
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

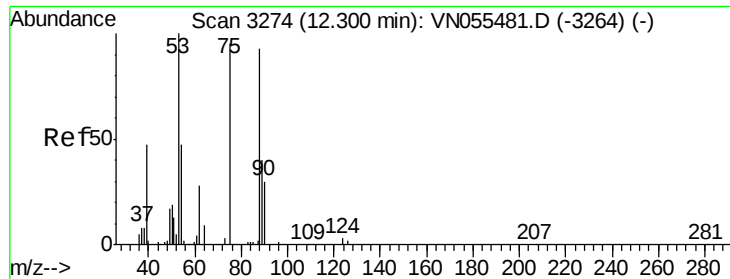
Tot Ion: 91 Resp: 1326056
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 46.905 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion:105 Resp: 1612162
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.492 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

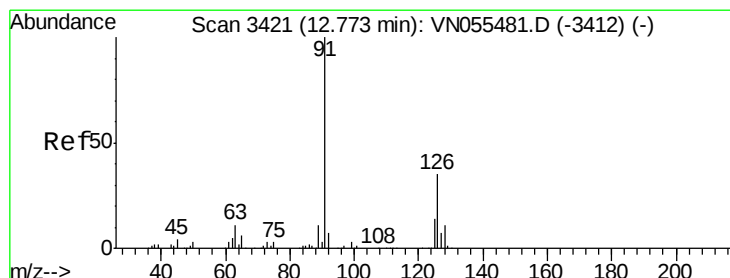
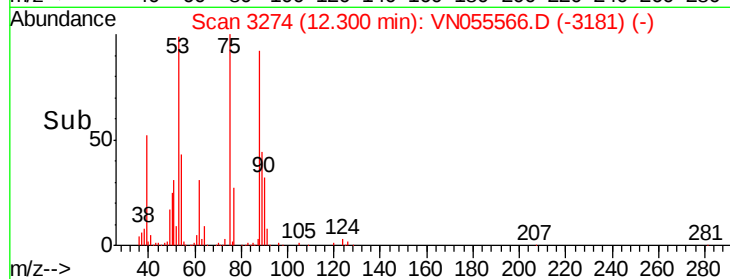
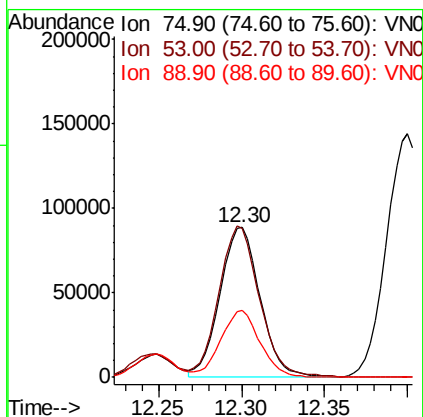
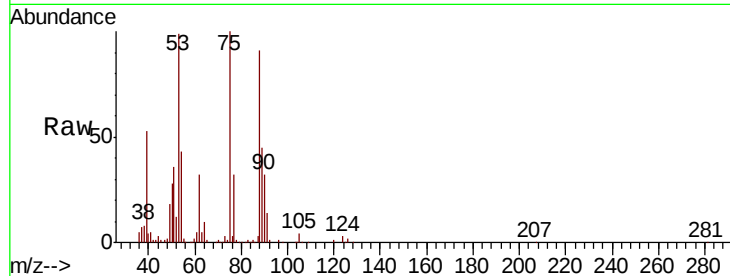
Tot Ion: 75 Resp: 147415

Ion Ratio Lower Upper

75 100

53 103.4 86.5 129.7

89 44.4 35.7 53.5



#82

4-Chlorotoluene

Concen: 48.009 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN055566.D

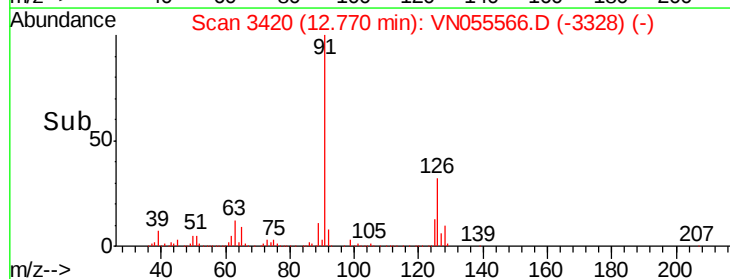
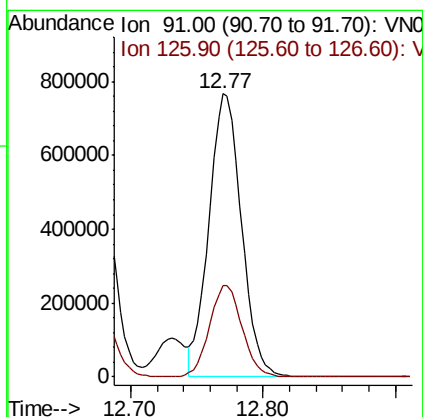
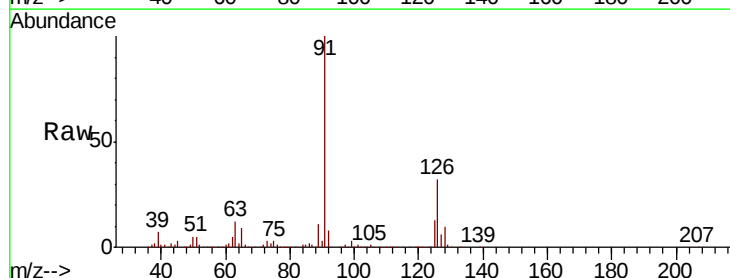
Acq: 13 May 2019 9:30

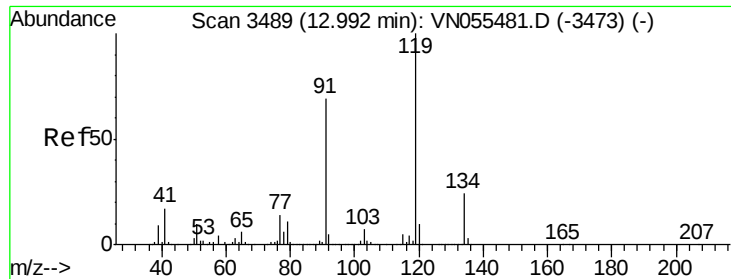
Tgt Ion: 91 Resp: 1303163

Ion Ratio Lower Upper

91 100

126 32.6 15.7 47.0

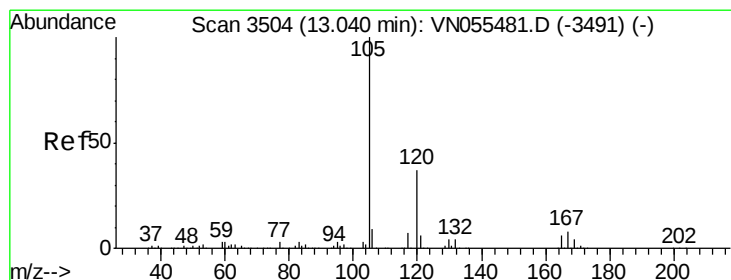
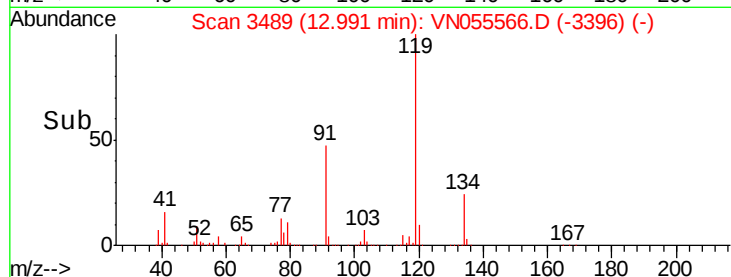
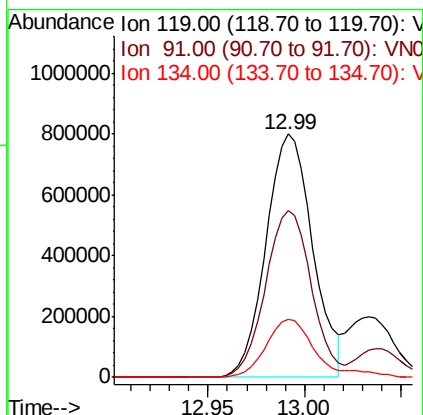
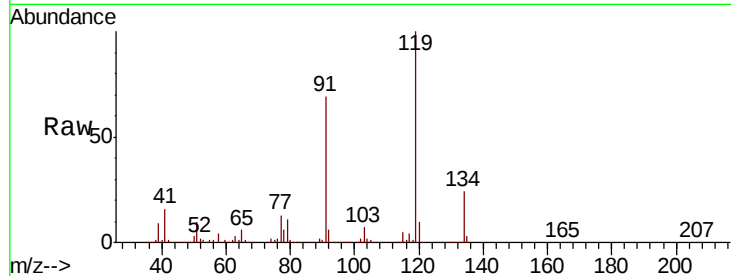




#83
tert-Butylbenzene
Concen: 45.585 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

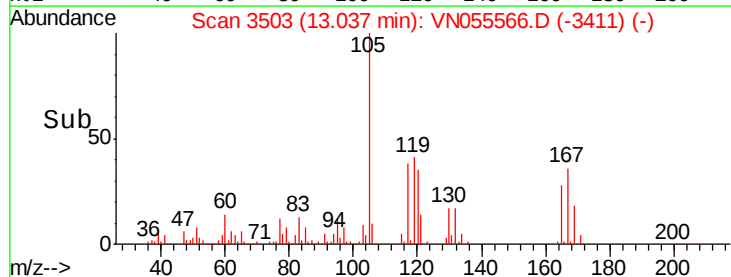
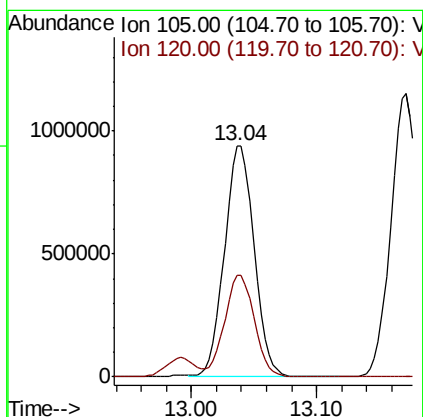
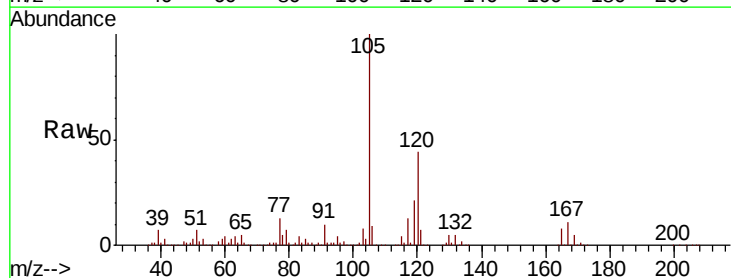
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

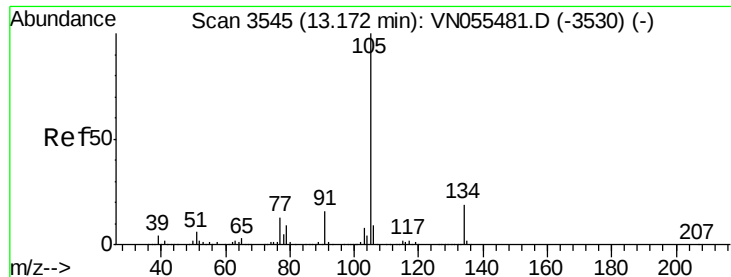
Tot Ion:119 Resp: 1342969
Ion Ratio Lower Upper
119 100
91 67.4 33.8 101.3
134 25.5 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 48.923 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN055566.D
Acq: 13 May 2019 9:30

Tgt Ion:105 Resp: 1542161
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 46.700 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

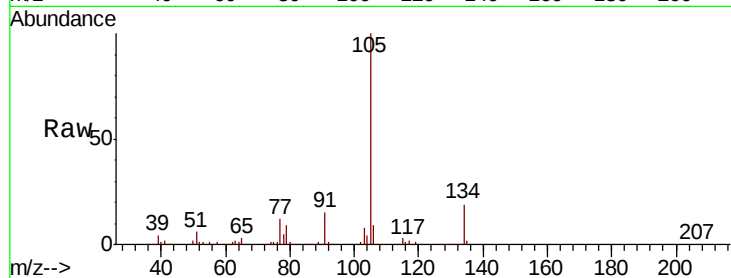
VSTDCCC050

Tot Ion:105 Resp: 1828472

Ion Ratio Lower Upper

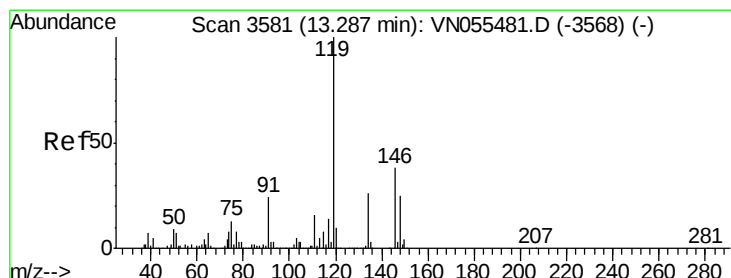
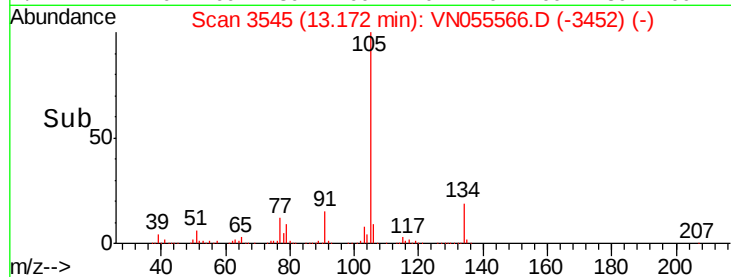
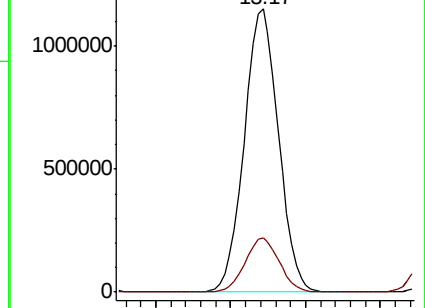
105 100

134 19.2 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.096 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

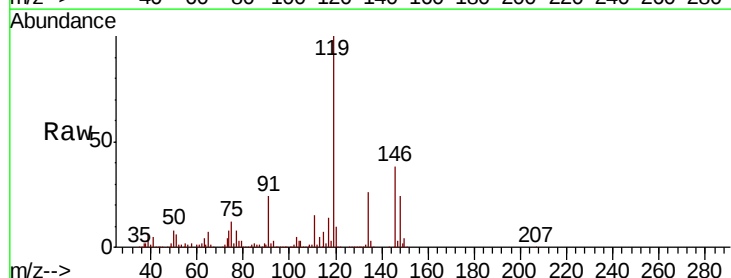
Tgt Ion:119 Resp: 1564456

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

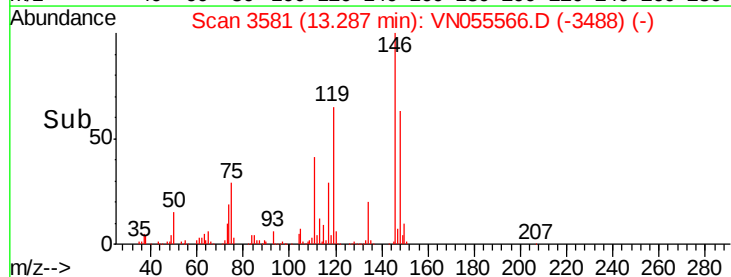
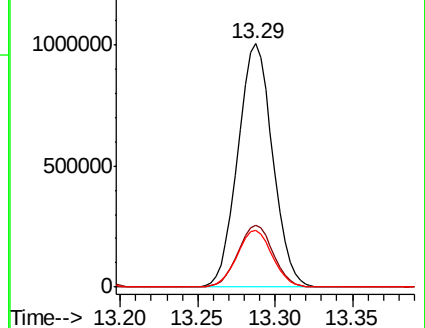
91 23.8 12.0 36.0

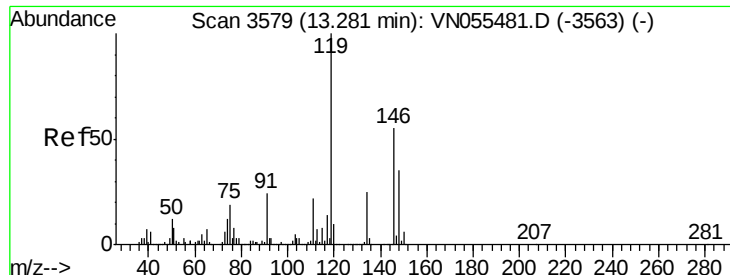


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.731 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

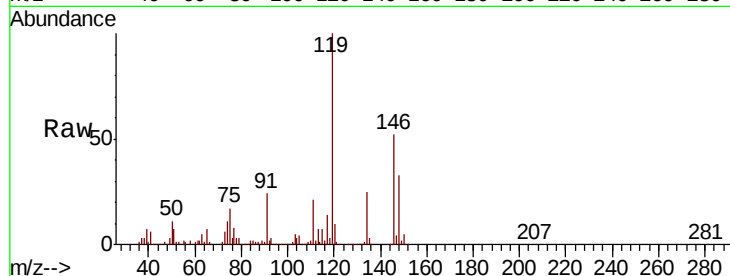
Tot Ion:146 Resp: 742449

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.3

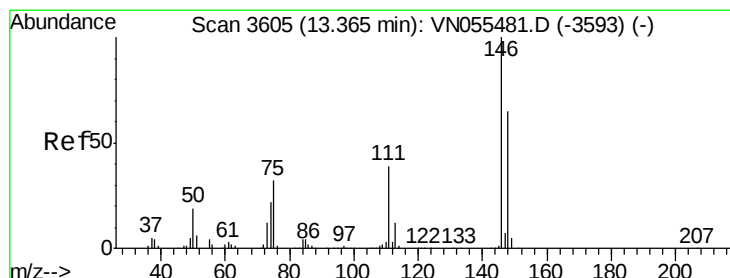
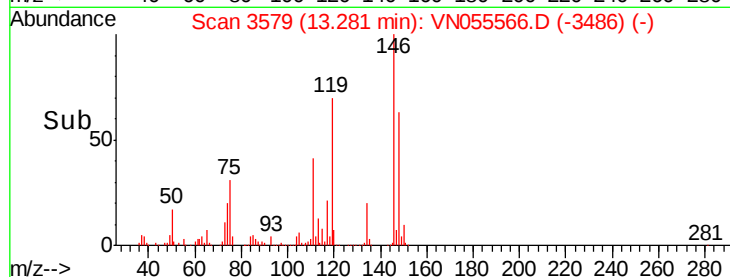
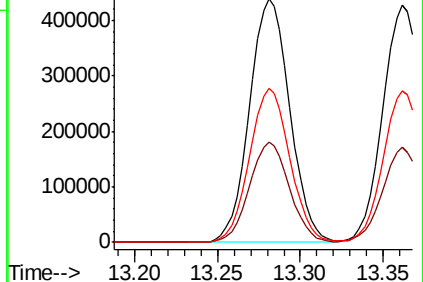
148 63.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.276 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

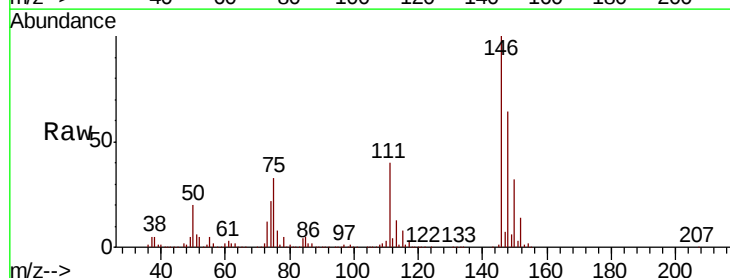
Tgt Ion:146 Resp: 726152

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

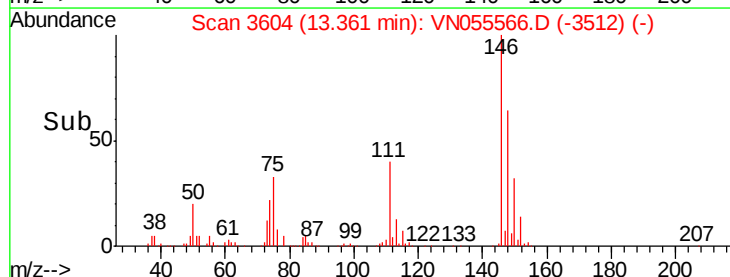
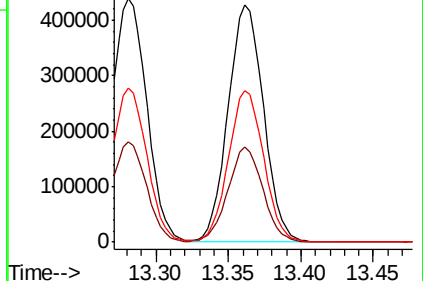
148 63.4 32.5 97.4

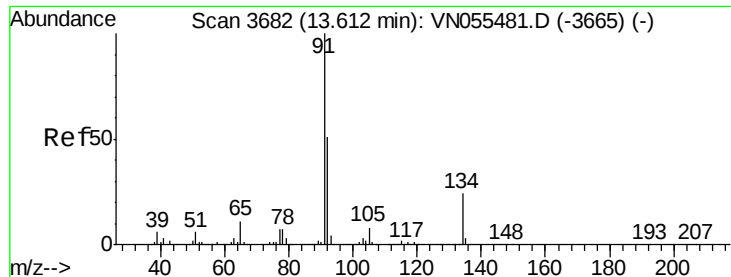


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.850 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

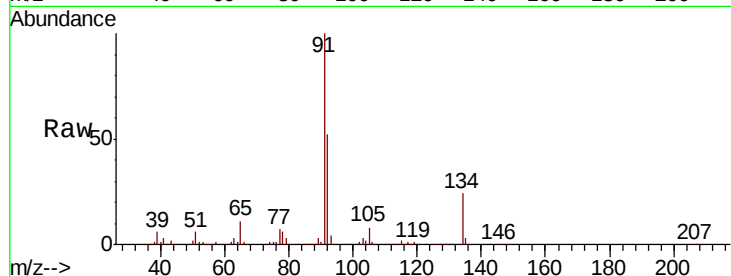
Tot Ion: 91 Resp: 1255970

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

134 24.0 11.8 35.4

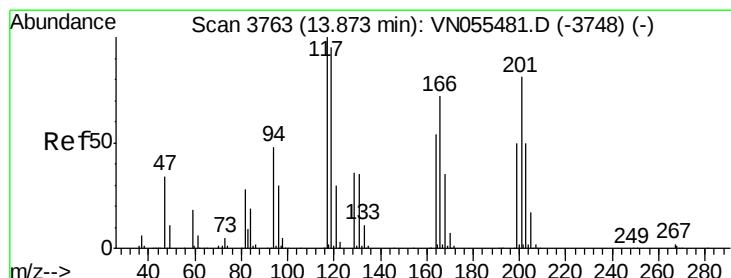
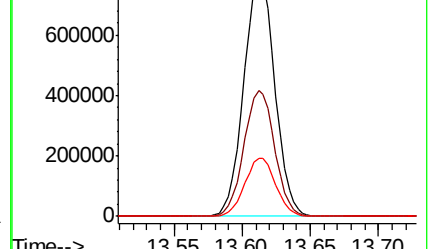
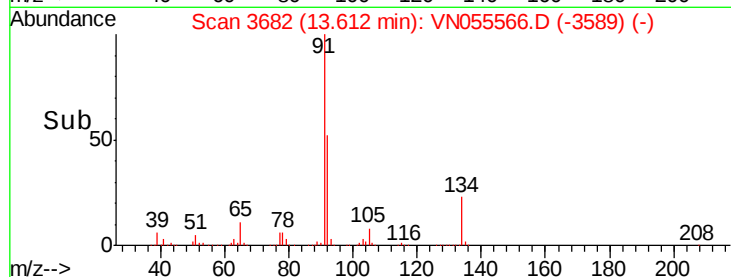


Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN055481.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN055481.D (-3665) (-)

Time-->



#90

Hexachloroethane

Concen: 49.064 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055566.D

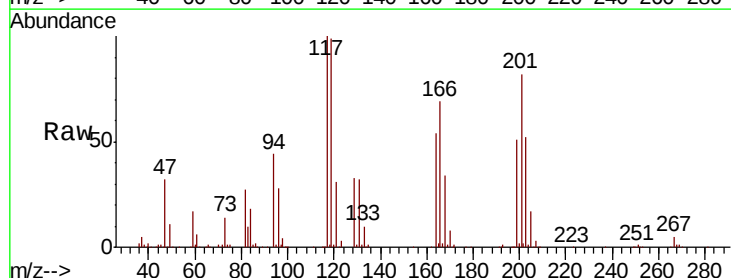
Acq: 13 May 2019 9:30

Tgt Ion: 117 Resp: 255033

Ion Ratio Lower Upper

117 100

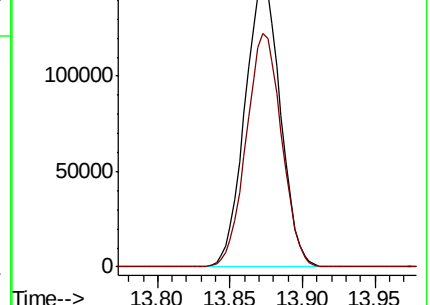
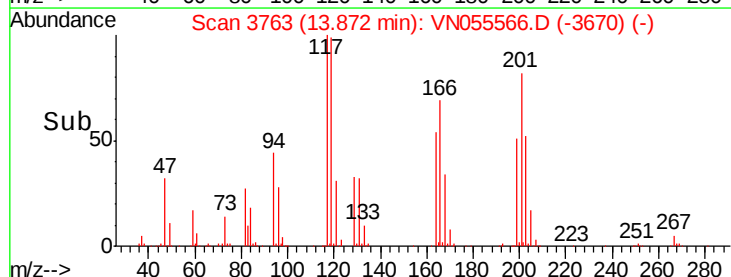
201 81.5 40.1 120.2

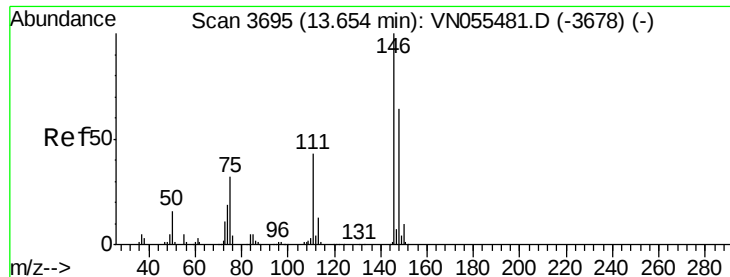


Abundance Ion 116.80 (116.50 to 117.50): VN055481.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN055481.D (-3748) (-)

Time-->

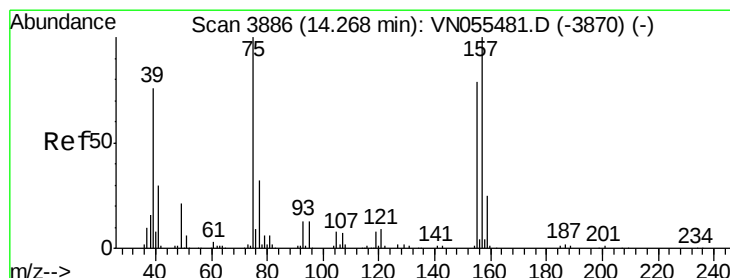
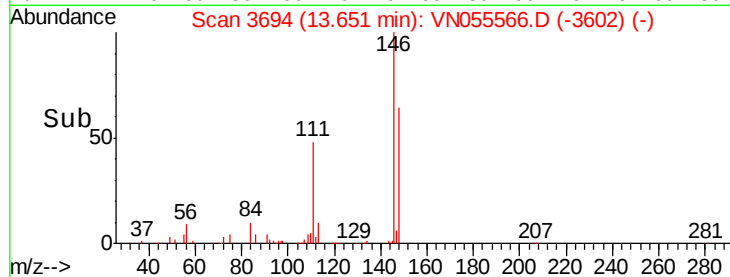
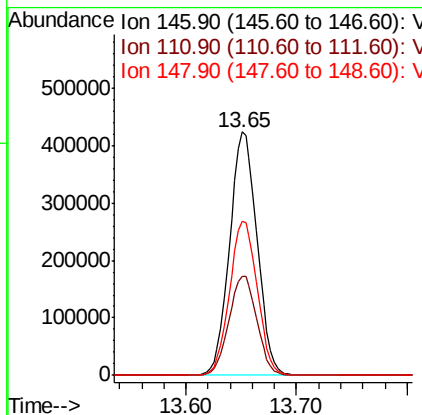
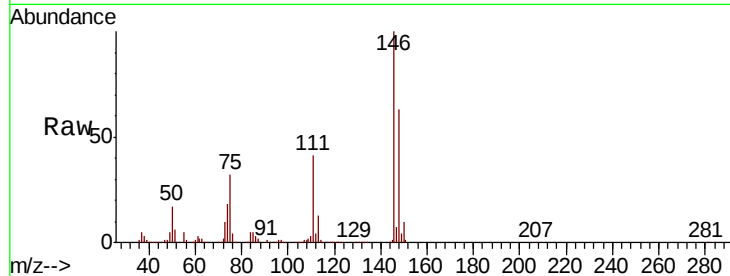




#91
 1,2-Dichlorobenzene
 Concen: 49.905 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

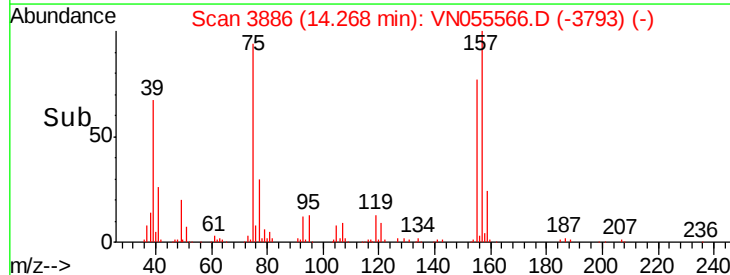
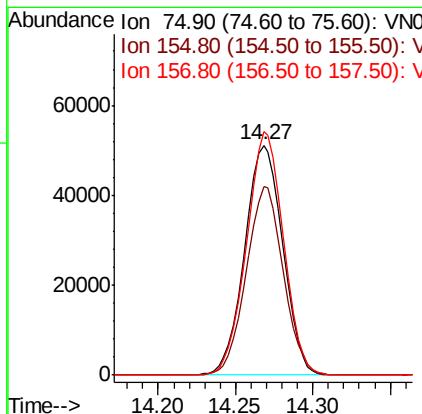
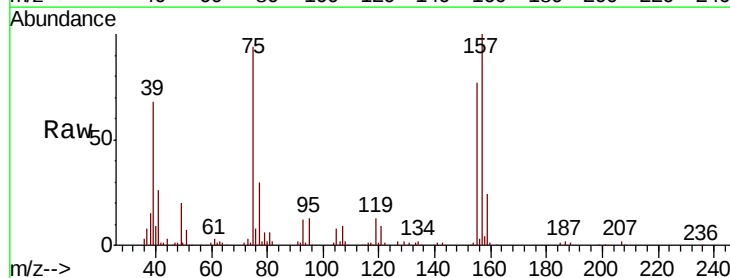
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

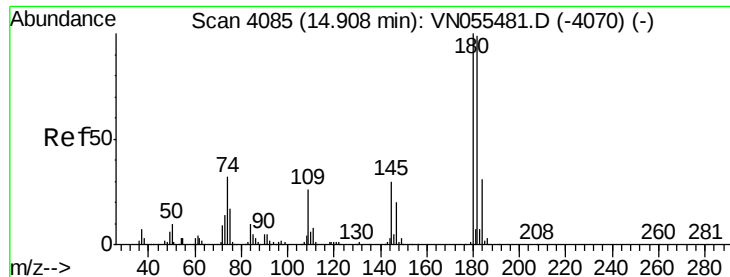
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.7
148	64.1	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.423 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.3	117.8
157	102.6	50.6	151.8

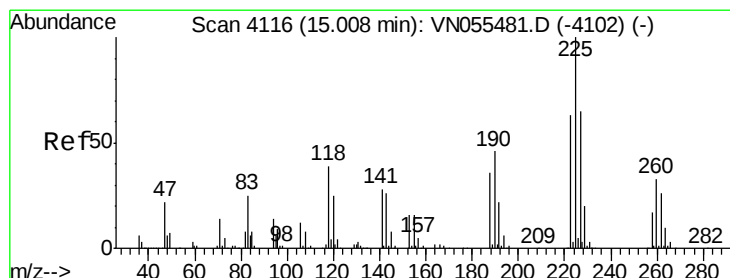
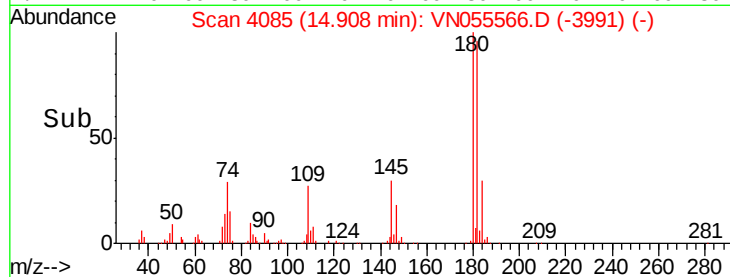
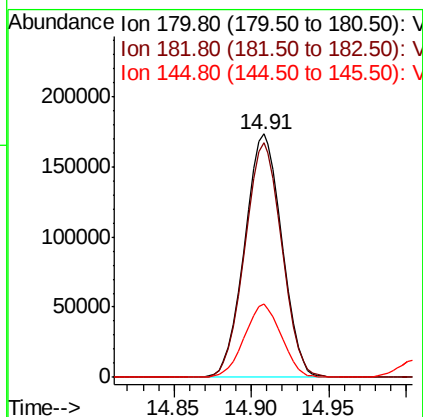
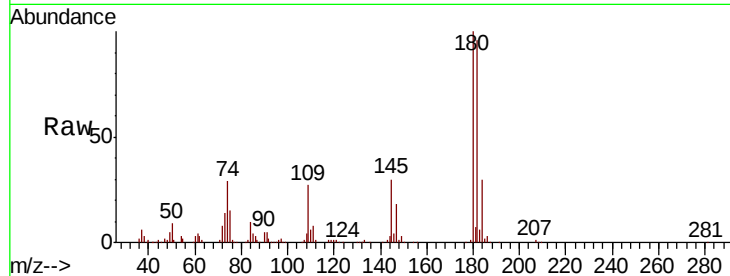




#93
 1,2,4-Trichlorobenzene
 Concen: 45.877 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

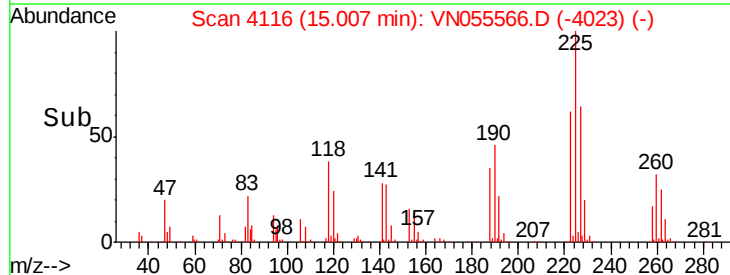
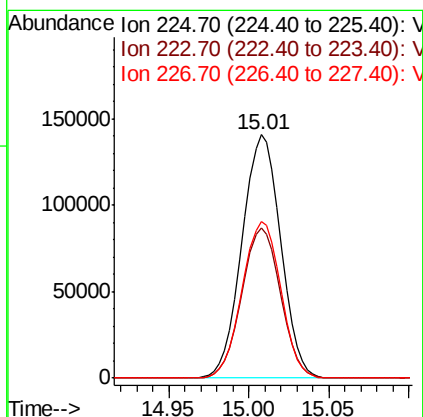
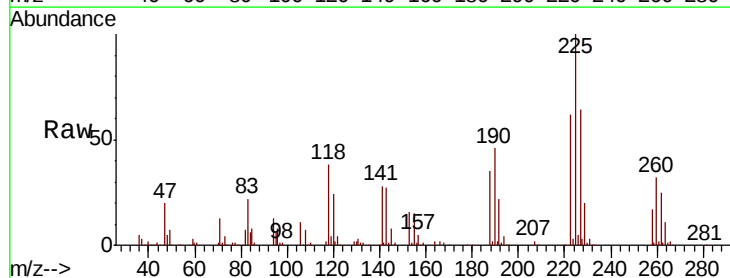
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

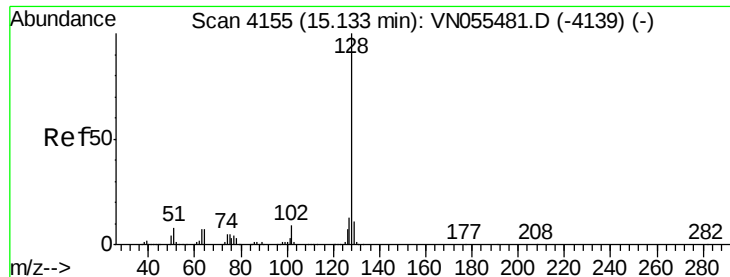
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.7	146.1
145	29.9	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 53.834 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055566.D
 Acq: 13 May 2019 9:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.3
227	64.5	32.0	96.0





#95

Naphthalene

Concen: 41.423 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

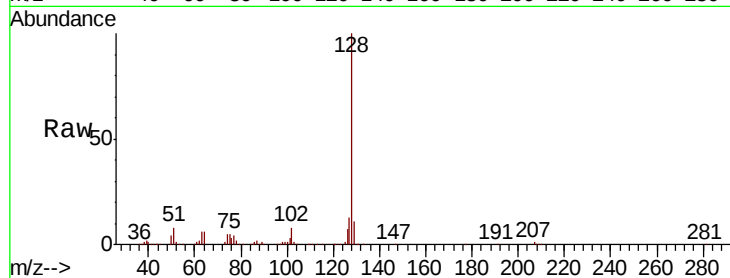
Tot Ion:128 Resp: 732653

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

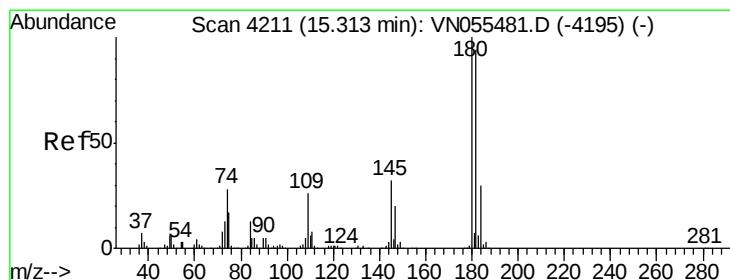
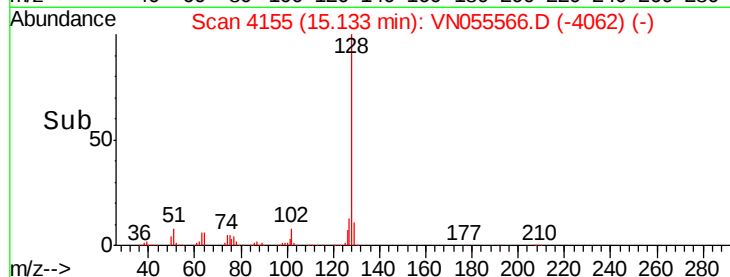
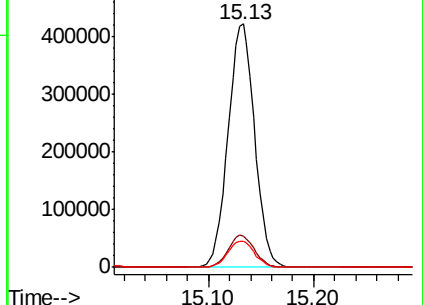
129 10.9 8.8 13.2



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: 45.682 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055566.D

Acq: 13 May 2019 9:30

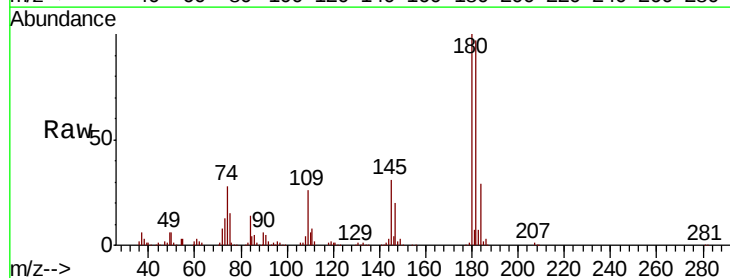
Tgt Ion:180 Resp: 313532

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.3

145 31.0 15.8 47.4



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

