

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055334.D
 Acq On : 1 May 2019 17:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 02 01:53:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	389700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	626517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215174	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	261069	51.21	ug/l	0.00
Spiked Amount						
			Recovery	=	102.42%	
35) Dibromofluoromethane	7.59	113	209076	50.84	ug/l	0.00
Spiked Amount						
			Recovery	=	101.68%	
50) Toluene-d8	10.09	98	757342	51.00	ug/l	0.00
Spiked Amount						
			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	250673	54.02	ug/l	0.00
Spiked Amount						
			Recovery	=	108.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	236244	49.479	ug/l	100
3) Chloromethane	2.06	50	276404	46.751	ug/l	99
4) Vinyl Chloride	2.19	62	221160	46.406	ug/l	100
5) Bromomethane	2.56	94	118235	46.837	ug/l	99
6) Chloroethane	2.70	64	119913	46.447	ug/l	97
7) Trichlorofluoromethane	3.02	101	328081	48.413	ug/l	99
8) Diethyl Ether	3.41	74	116041	48.943	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	192737	47.761	ug/l	100
10) Methyl Iodide	3.96	142	283717	49.957	ug/l	99
11) Tert butyl alcohol	4.79	59	78039	267.363	ug/l	99
12) 1,1-Dichloroethene	3.74	96	183673	47.712	ug/l	99
13) Acrolein	3.61	56	55781	244.707	ug/l	99
14) Allyl chloride	4.33	41	385610	48.365	ug/l	99
15) Acrylonitrile	4.99	53	431232	262.843	ug/l	99
16) Acetone	3.82	43	392915	247.346	ug/l	100
17) Carbon Disulfide	4.06	76	450931	44.885	ug/l	100
18) Methyl Acetate	4.33	43	210275	54.431	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	551933	51.000	ug/l	99
20) Methylene Chloride	4.55	84	220710	45.520	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	193025	47.345	ug/l	98
22) Diisopropyl ether	5.95	45	804555	50.788	ug/l	96
23) Vinyl Acetate	5.90	43	2776691	267.443	ug/l	100
24) 1,1-Dichloroethane	5.85	63	413790	49.025	ug/l	99
25) 2-Butanone	6.84	43	543030	267.304	ug/l	98
26) 2,2-Dichloropropane	6.83	77	281493	48.296	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	231515	49.935	ug/l	99
28) Bromochloromethane	7.20	49	205516	48.305	ug/l	99
29) Tetrahydrofuran	7.21	42	352128	270.694	ug/l	99
30) Chloroform	7.37	83	395157	49.388	ug/l	99
31) Cyclohexane	7.65	56	354982	44.266	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	316480	48.737	ug/l	99
36) 1,1-Dichloropropene	7.79	75	283524	47.246	ug/l	99
37) Ethyl Acetate	6.93	43	235085	51.113	ug/l	97
38) Carbon Tetrachloride	7.78	117	272162	47.015	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055334.D
 Acq On : 1 May 2019 17:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 02 01:53:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	284845	44.644	ug/l	99
40) Benzene	8.04	78	865425	48.920	ug/l	99
41) Methacrylonitrile	7.17	41	130595	52.428	ug/l	98
42) 1,2-Dichloroethane	8.13	62	304925	48.666	ug/l	100
43) Isopropyl Acetate	8.17	43	400009	54.118	ug/l	99
44) Trichloroethene	8.84	130	212176	47.047	ug/l	96
45) 1,2-Dichloropropane	9.12	63	250854	49.165	ug/l	99
46) Dibromomethane	9.21	93	138060	49.503	ug/l	99
47) Bromodichloromethane	9.40	83	301978	50.472	ug/l	99
48) Methyl methacrylate	9.20	41	185430	51.032	ug/l	96
49) 1,4-Dioxane	9.20	88	40239	1071.273	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1128406	271.157	ug/l	99
52) Toluene	10.16	92	506047	49.854	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	285045	54.880	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	338351	52.248	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	188943	50.127	ug/l	99
56) Ethyl methacrylate	10.43	69	253181	54.572	ug/l	98
57) 1,3-Dichloropropane	10.71	76	334616	50.605	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	332798	232.074	ug/l	100
59) 2-Hexanone	10.75	43	705094	270.798	ug/l	99
60) Dibromochloromethane	10.90	129	203859	52.918	ug/l	99
61) 1,2-Dibromoethane	11.01	107	181299	52.039	ug/l	98
64) Tetrachloroethene	10.63	164	200649	44.983	ug/l	99
65) Chlorobenzene	11.43	112	514919	48.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	202738	48.551	ug/l	99
67) Ethyl Benzene	11.51	91	937056	48.659	ug/l	100
68) m/p-Xylenes	11.62	106	690841	100.503	ug/l	98
69) o-Xylene	11.95	106	340425	49.966	ug/l	99
70) Styrene	11.96	104	563842	53.900	ug/l	100
71) Bromoform	12.13	173	127938	55.215	ug/l #	100
73) Isopropylbenzene	12.25	105	886408	51.892	ug/l	100
74) N-amyl acetate	12.07	43	298991	54.144	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	234842	55.429	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	280092	71.093	ug/l #	100
77) Bromobenzene	12.53	156	219126	53.540	ug/l	97
78) n-propylbenzene	12.59	91	973418	44.040	ug/l	100
79) 2-Chlorotoluene	12.67	91	600923	51.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	730894	43.328	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	55359	48.755	ug/l	95
82) 4-Chlorotoluene	12.77	91	581503	45.248	ug/l	99
83) tert-Butylbenzene	12.99	119	605872	50.788	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	701974	46.529	ug/l	100
85) sec-Butylbenzene	13.17	105	788448	43.002	ug/l	99
86) p-Isopropyltoluene	13.29	119	680089	45.129	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	337681	46.898	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	328201	48.402	ug/l	99
89) n-Butylbenzene	13.61	91	527638	49.274	ug/l	99
90) Hexachloroethane	13.87	117	116825	48.927	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	336784	47.192	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31970	56.475	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
Data File : VN055334.D
Acq On : 1 May 2019 17:36
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: May 02 01:53:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

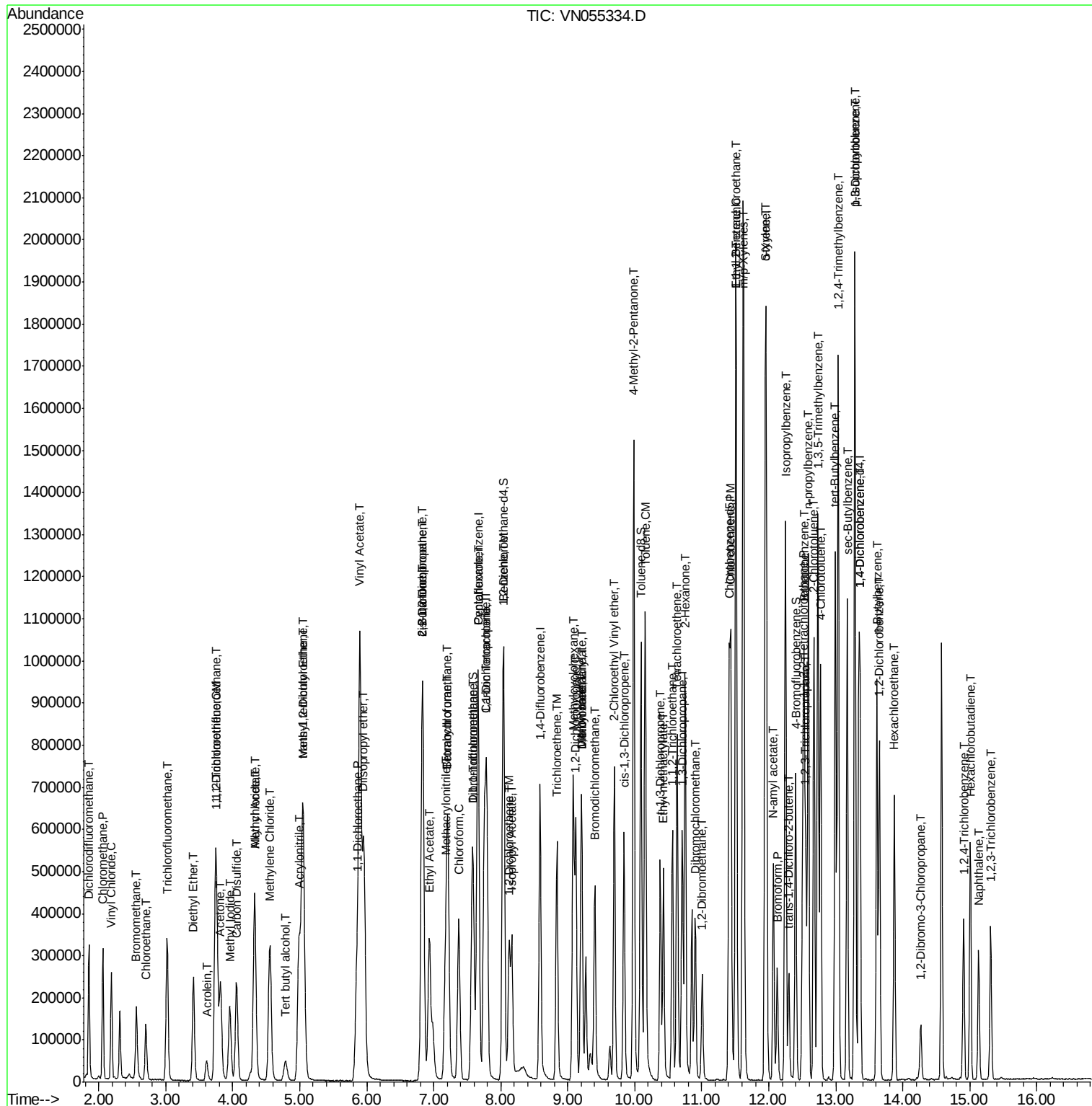
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	122731	44.046	ug/l	97
94) Hexachlorobutadiene	15.01	225	113838	53.191	ug/l	98
95) Naphthalene	15.13	128	253879	42.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	124044	45.044	ug/l	97

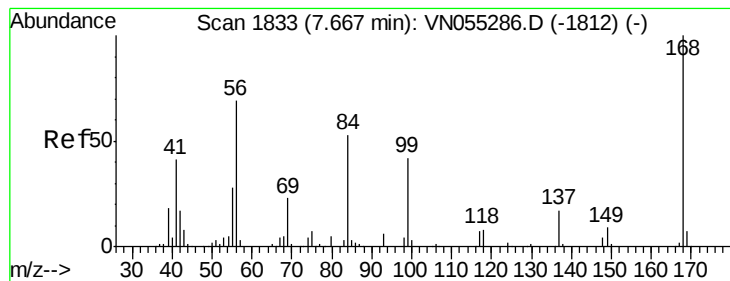
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050119\
Data File : VN055334.D
Acq On : 1 May 2019 17:36
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: May 02 01:53:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

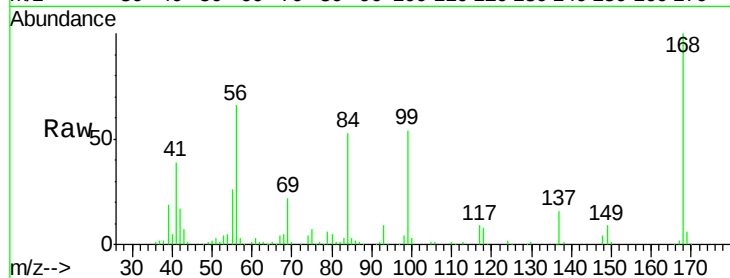
VSTDCCC050EC

Tot Ion:168 Resp: 389700

Ion Ratio Lower Upper

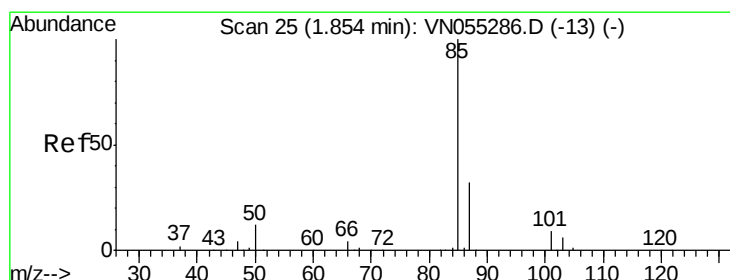
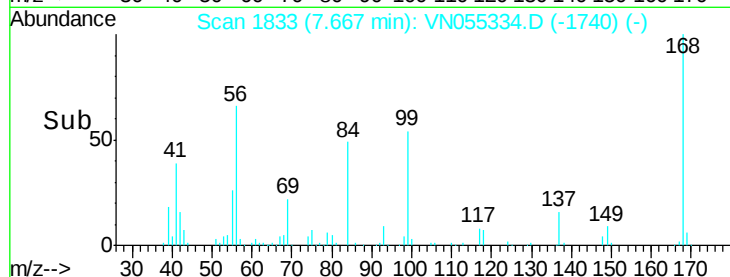
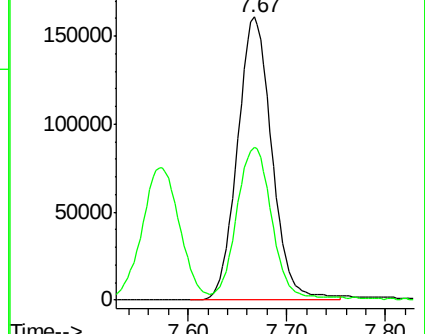
168 100

99 53.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.479 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055334.D

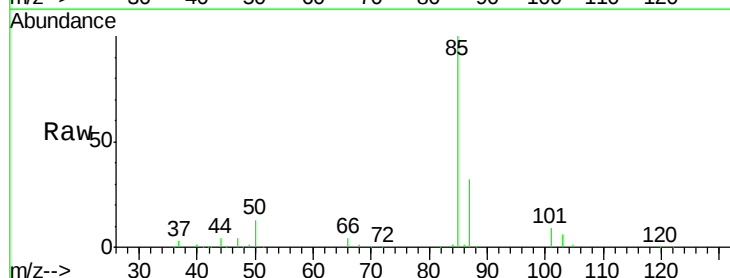
Acq: 1 May 2019 17:36

Tgt Ion: 85 Resp: 236244

Ion Ratio Lower Upper

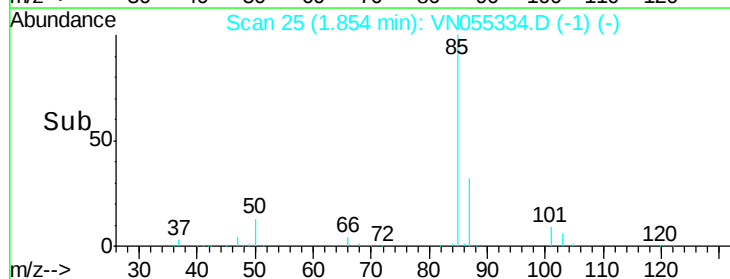
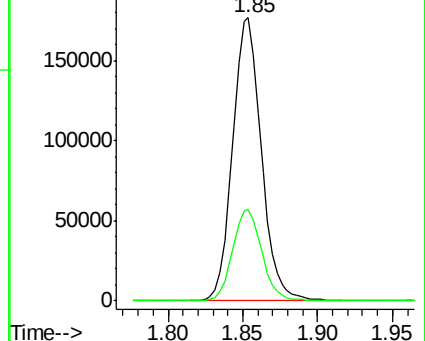
85 100

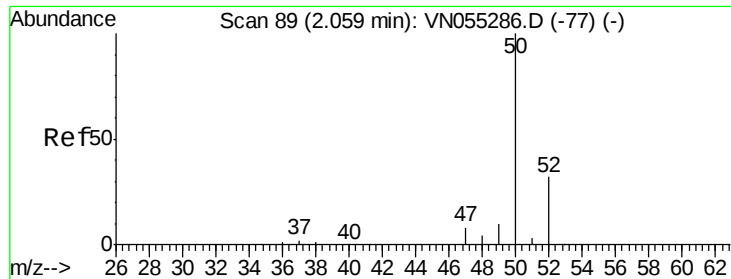
87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.751 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

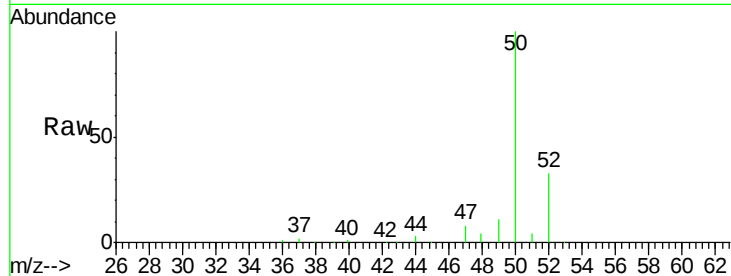
VSTDCCC050EC

Tot Ion: 50 Resp: 276404

Ion Ratio Lower Upper

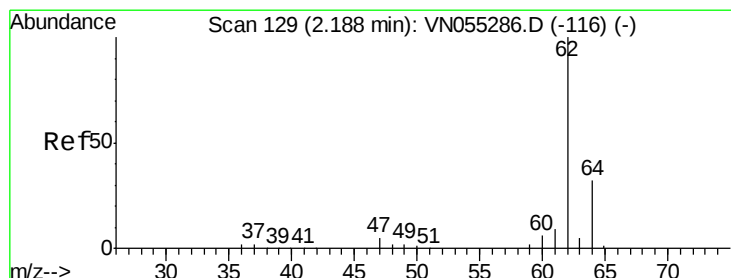
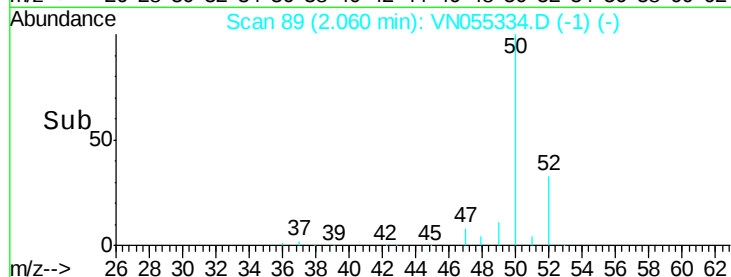
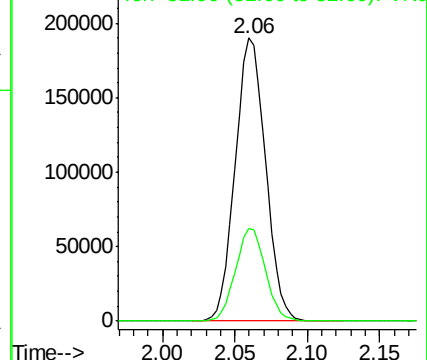
50 100

52 32.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.406 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055334.D

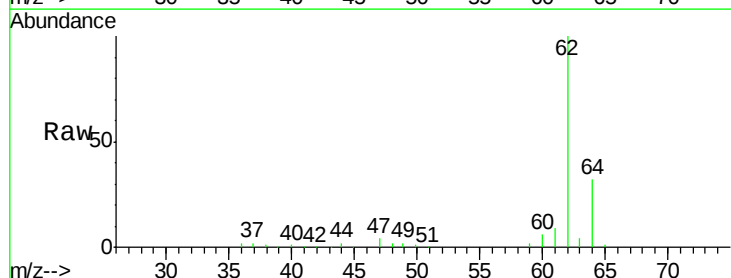
Acq: 1 May 2019 17:36

Tgt Ion: 62 Resp: 221160

Ion Ratio Lower Upper

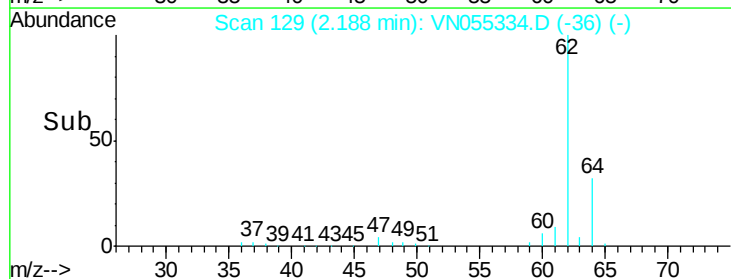
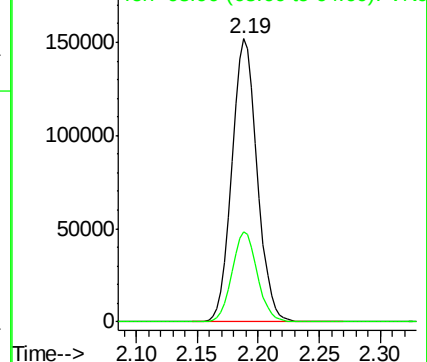
62 100

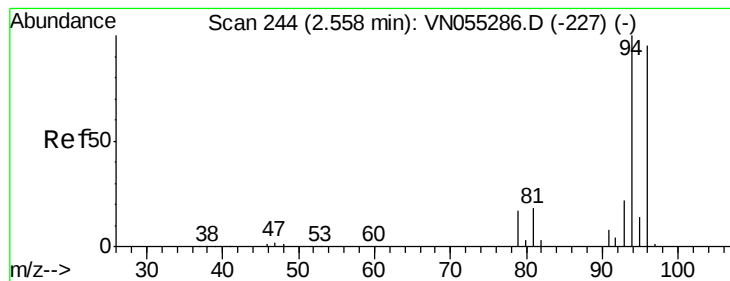
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 46.837 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

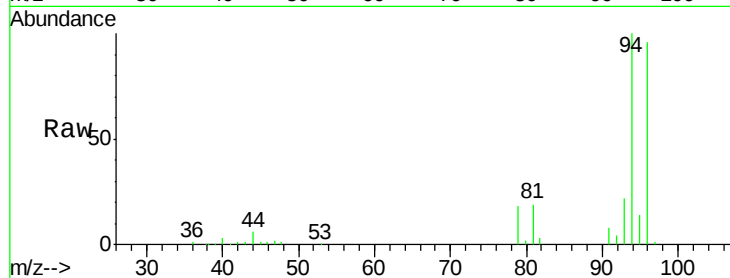
VSTDCCC050EC

Tot Ion: 94 Resp: 118235

Ion Ratio Lower Upper

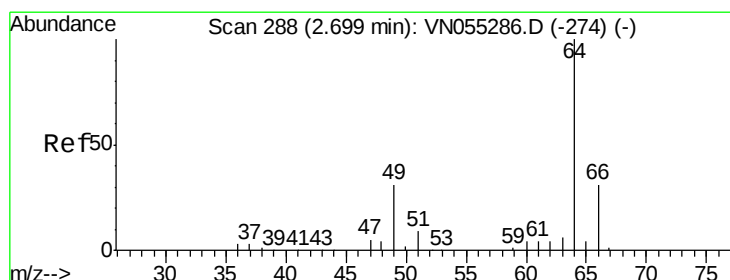
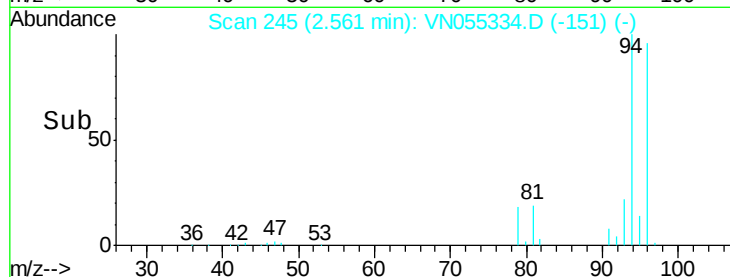
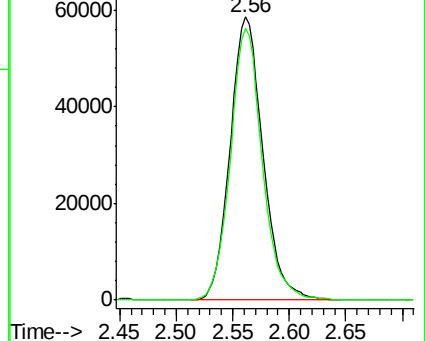
94 100

96 96.1 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.447 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN055334.D

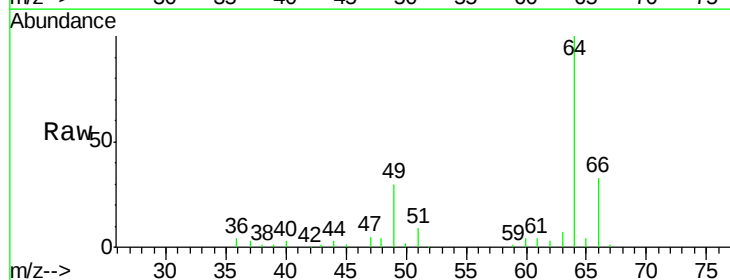
Acq: 1 May 2019 17:36

Tgt Ion: 64 Resp: 119913

Ion Ratio Lower Upper

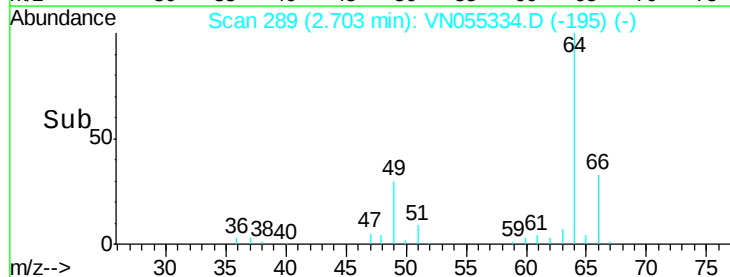
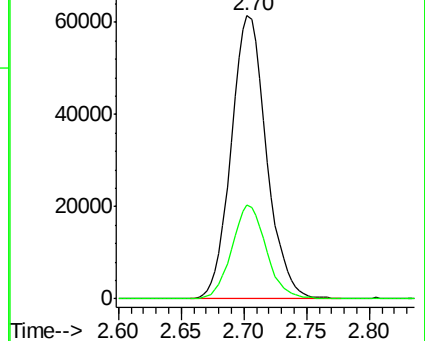
64 100

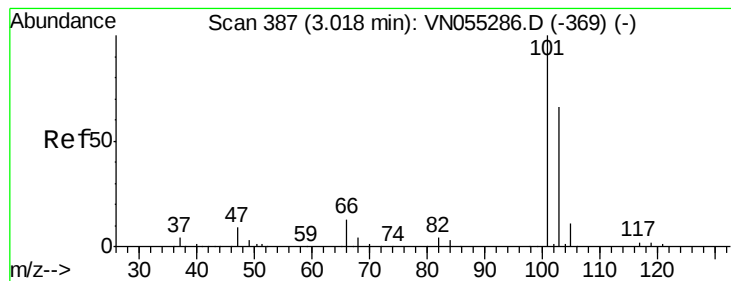
66 33.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



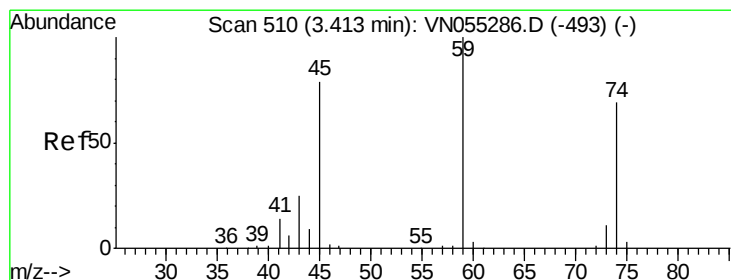
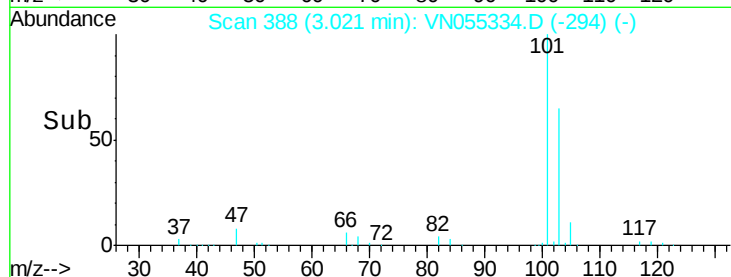
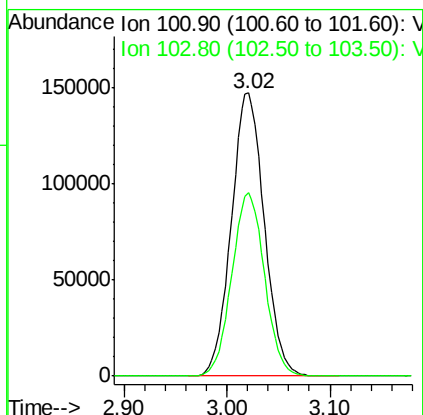
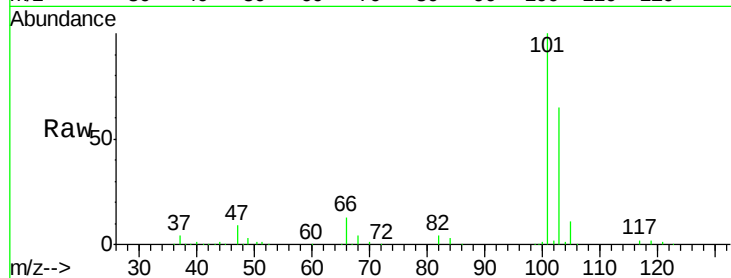


#7

Trichlorofluoromethane
 Concen: 48.413 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

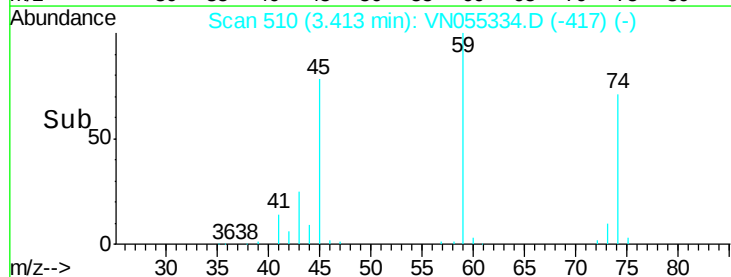
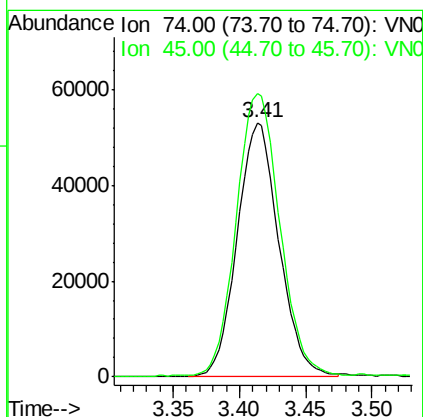
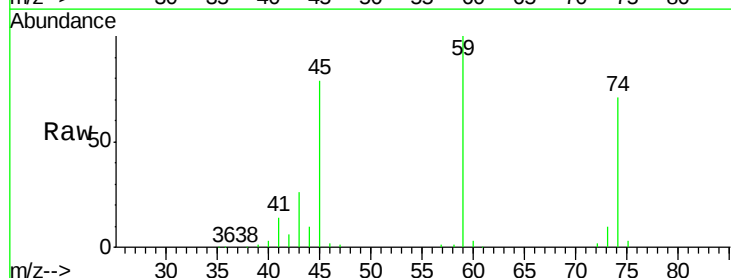
Tot Ion:101 Resp: 328081
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.6 79.0

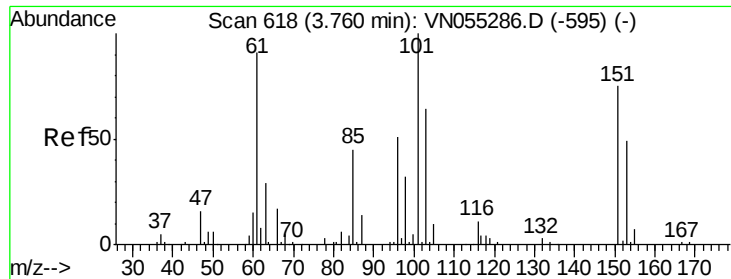


#8

Diethyl Ether
 Concen: 48.943 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Tgt Ion: 74 Resp: 116041
 Ion Ratio Lower Upper
 74 100
 45 115.8 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.761 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

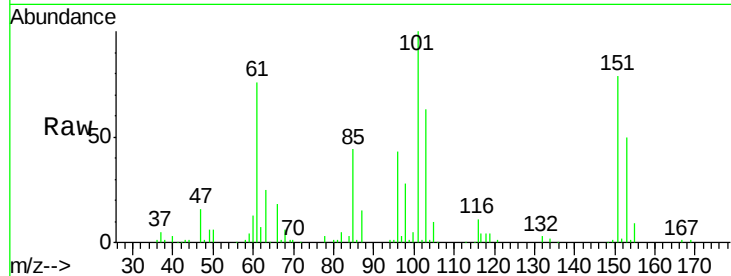
Tot Ion:101 Resp: 192737

Ion Ratio Lower Upper

101 100

85 44.8 35.7 53.5

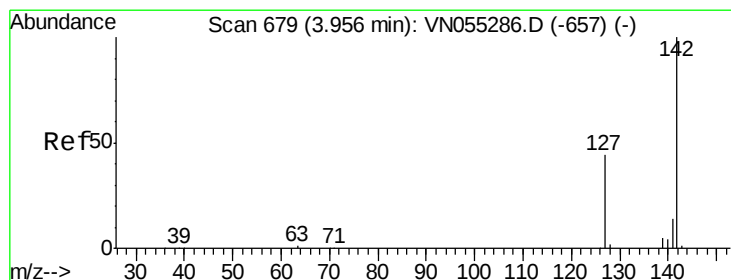
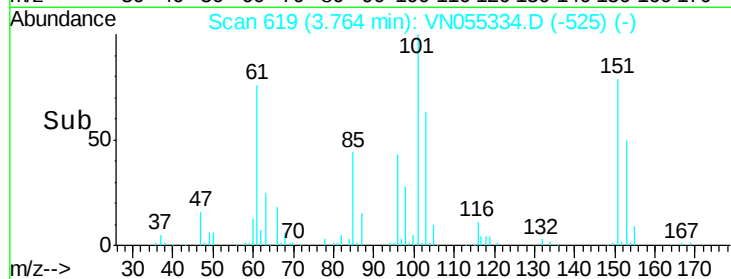
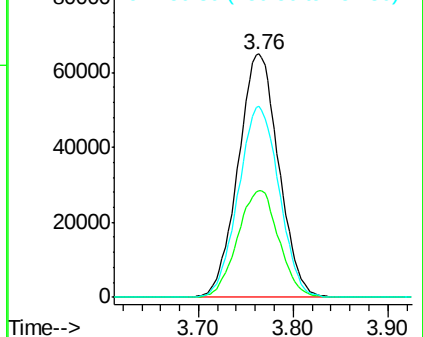
151 79.0 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.957 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

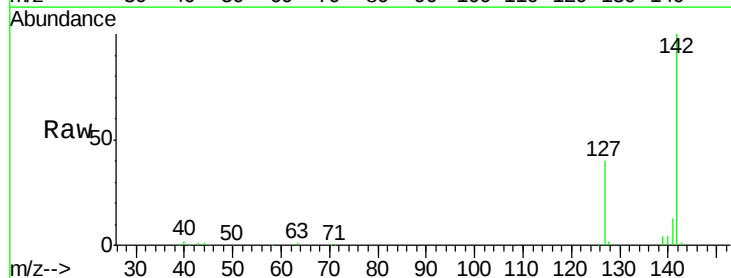
Tgt Ion:142 Resp: 283717

Ion Ratio Lower Upper

142 100

127 42.1 34.4 51.6

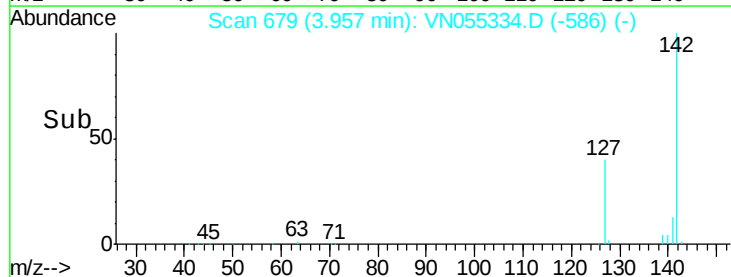
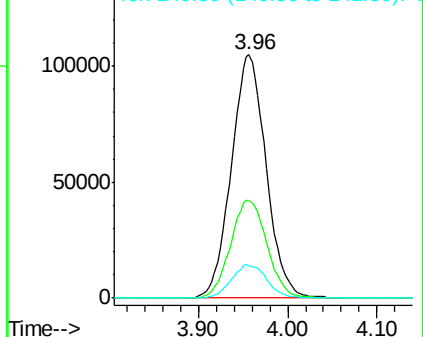
141 14.0 11.5 17.3

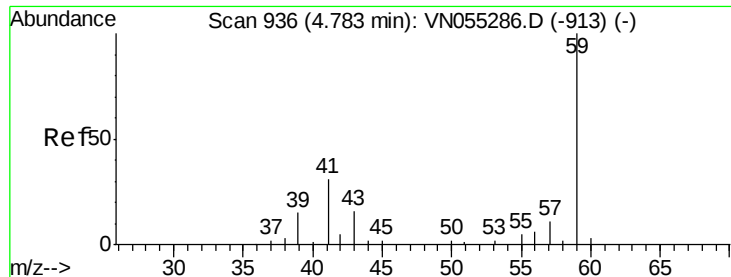


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

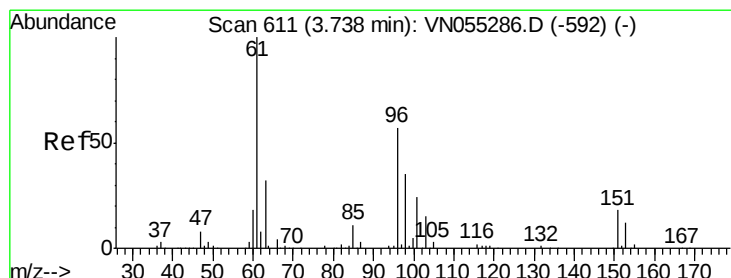
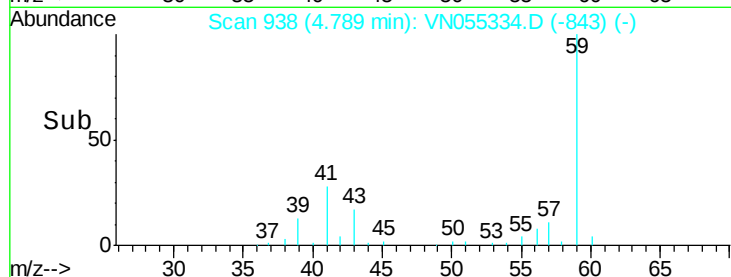
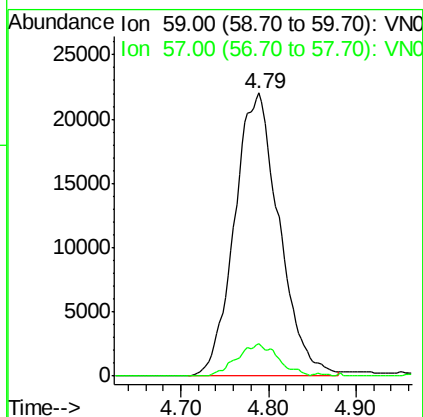
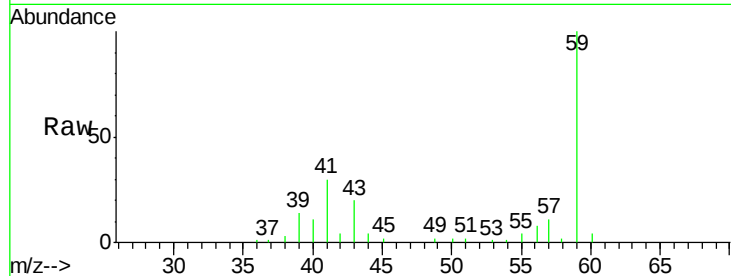




#11
Tert butyl alcohol
Concen: 267.363 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.01 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

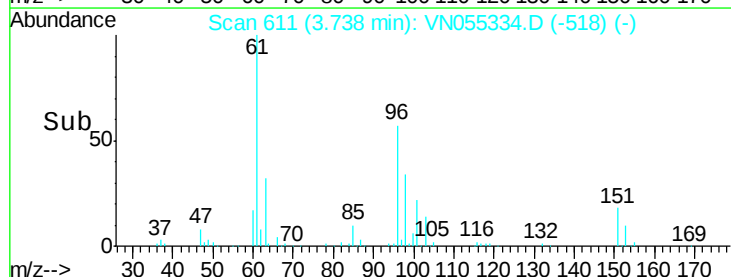
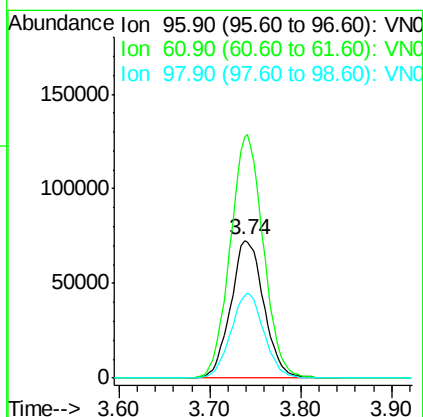
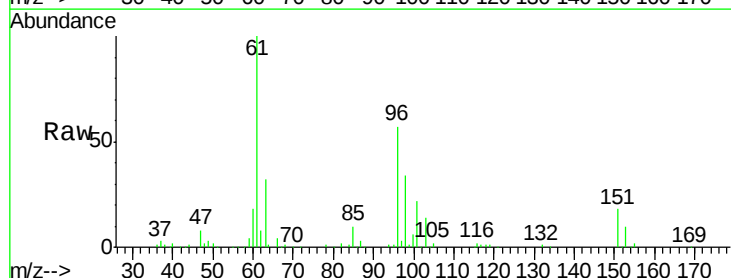
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

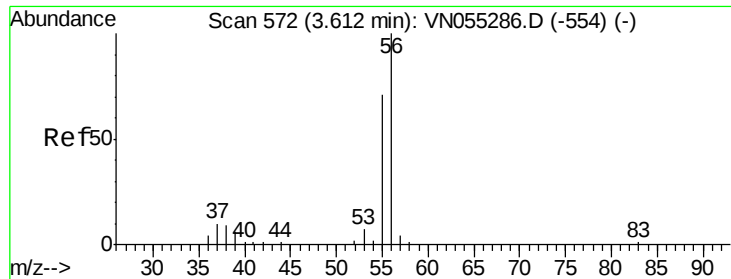
Tot Ion: 59 Resp: 78039
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.712 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 96 Resp: 183673
Ion Ratio Lower Upper
96 100
61 174.9 140.9 211.3
98 60.0 50.0 75.0





#13

Acrolein

Concen: 244.707 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

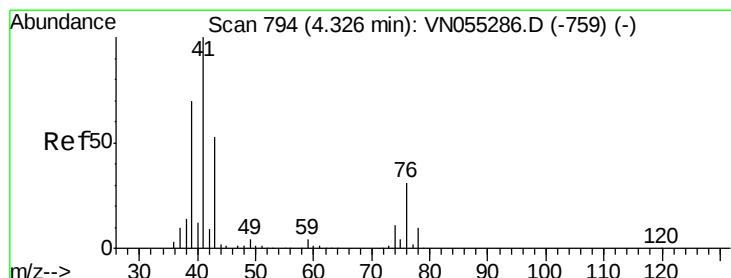
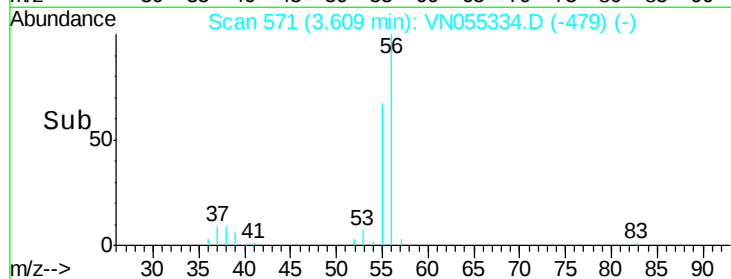
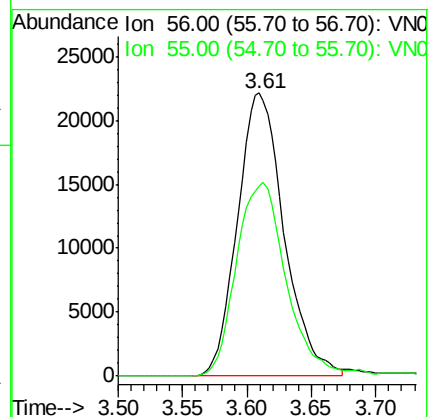
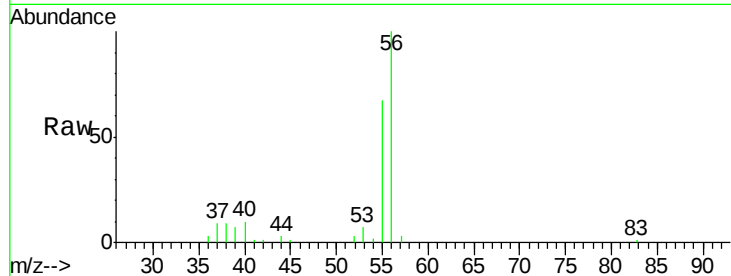
VSTDCCC050EC

Tot Ion: 56 Resp: 55781

Ion Ratio Lower Upper

56 100

55 72.3 57.4 86.2



#14

Allyl chloride

Concen: 48.365 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

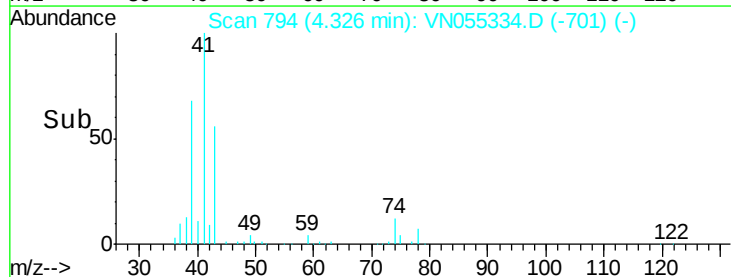
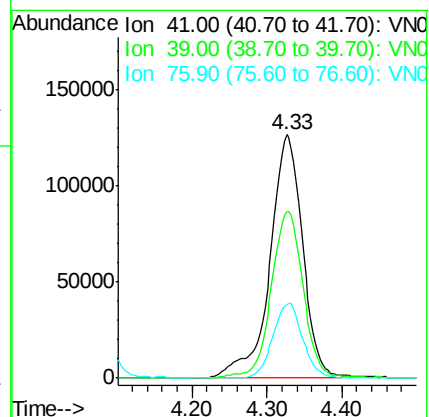
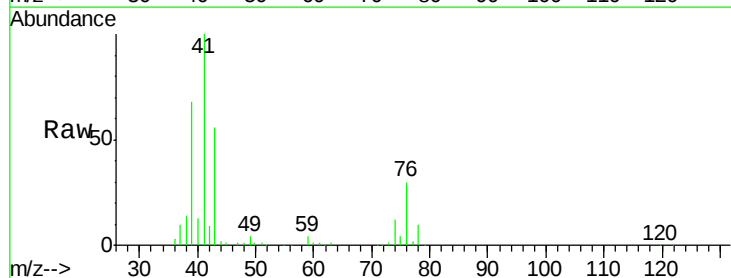
Tgt Ion: 41 Resp: 385610

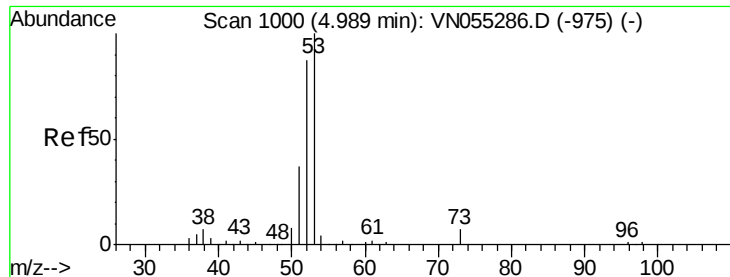
Ion Ratio Lower Upper

41 100

39 66.9 53.0 79.6

76 28.3 22.7 34.1





#15

Acrylonitrile

Concen: 262.843 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

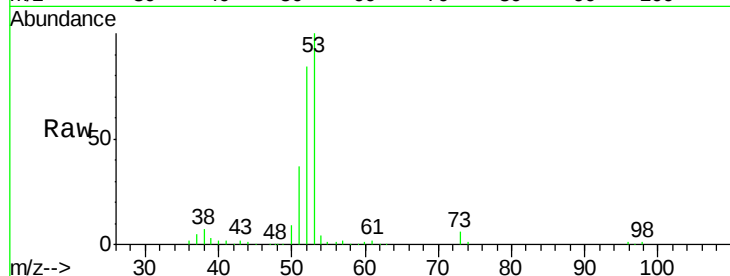
Tot Ion: 53 Resp: 431232

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

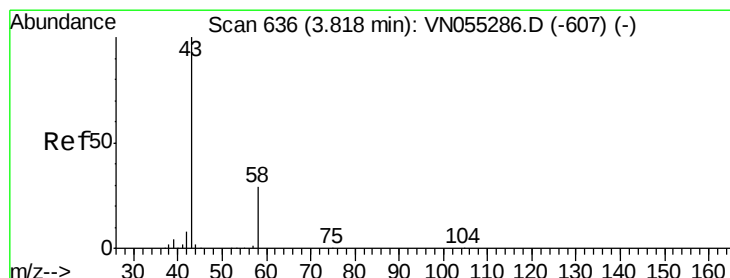
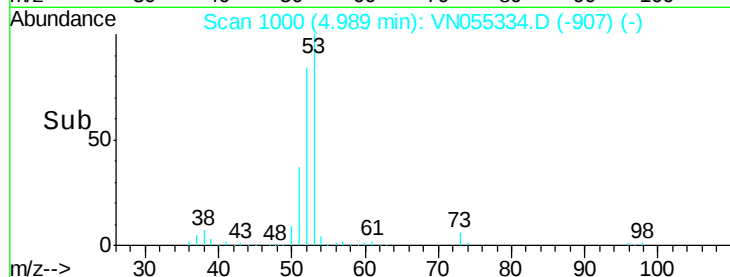
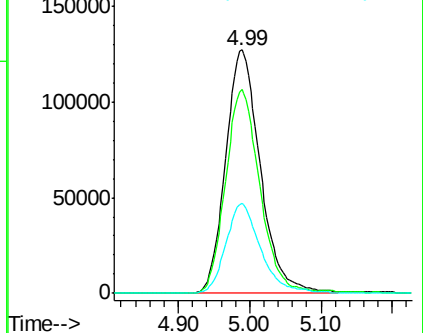
51 37.1 29.6 44.4



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: 247.346 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055334.D

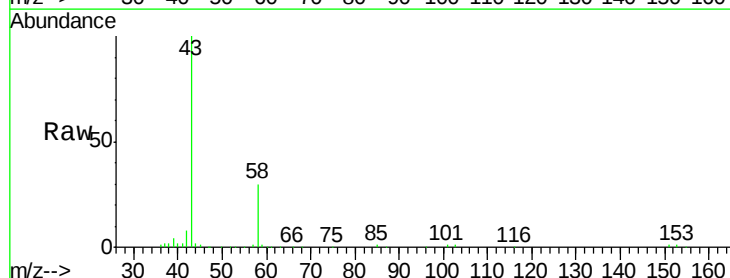
Acq: 1 May 2019 17:36

Tgt Ion: 43 Resp: 392915

Ion Ratio Lower Upper

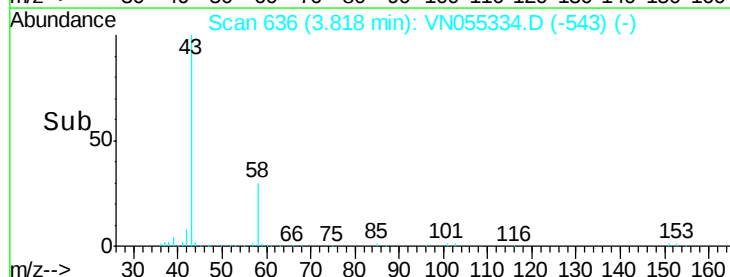
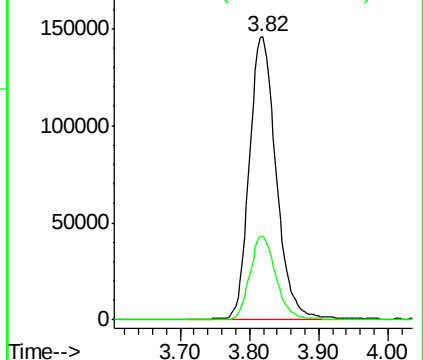
43 100

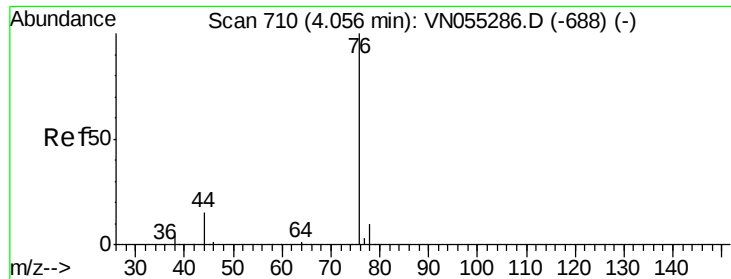
58 29.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

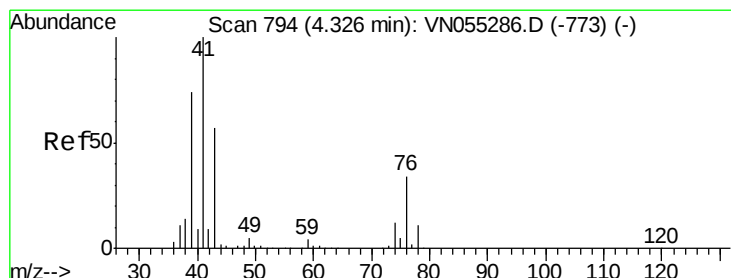
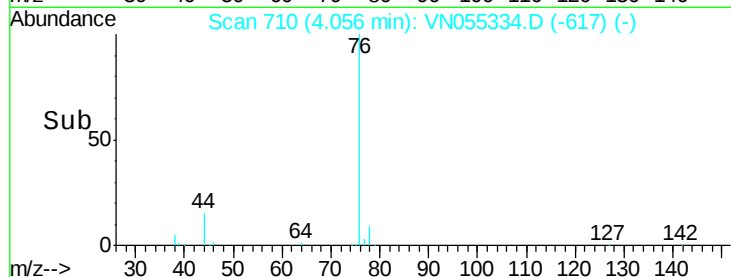
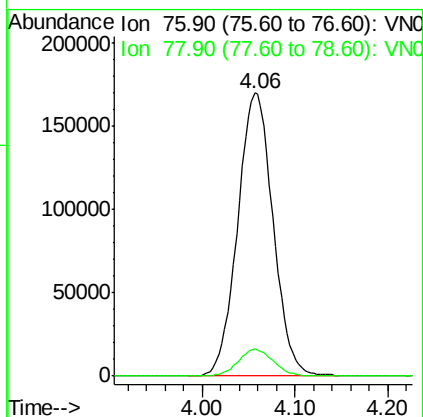
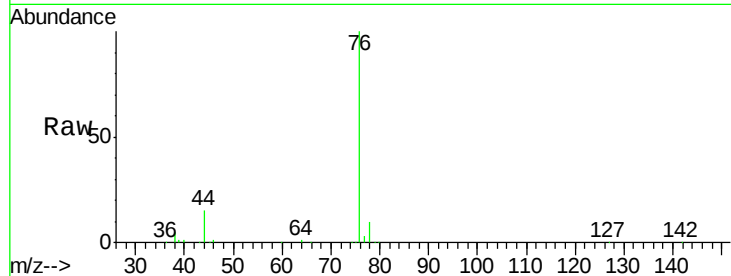




#17
Carbon Disulfide
Concen: 44.885 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

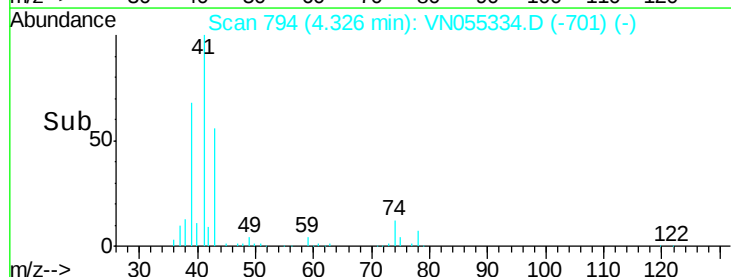
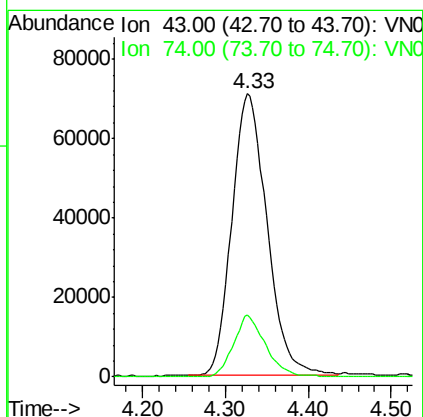
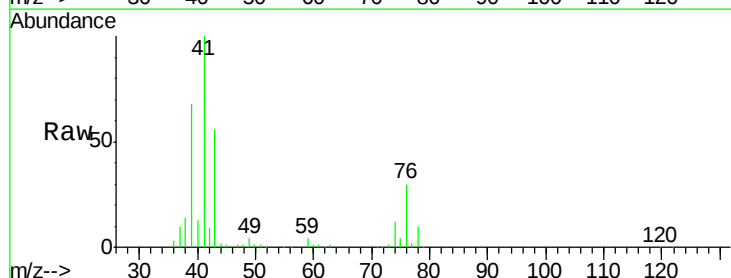
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

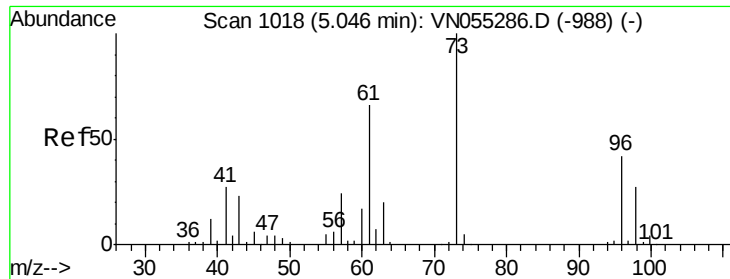
Tot Ion: 76 Resp: 450931
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 54.431 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 43 Resp: 210275
Ion Ratio Lower Upper
43 100
74 19.6 15.8 23.8

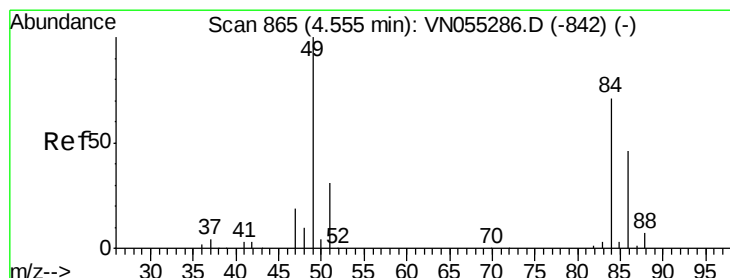
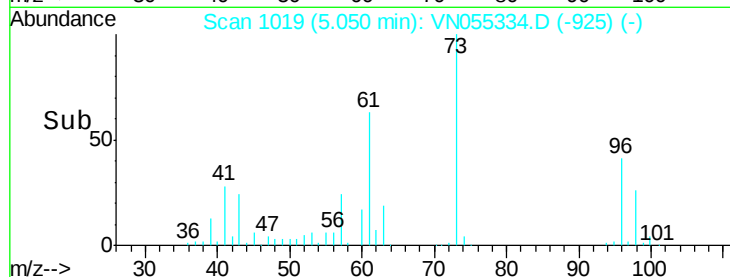
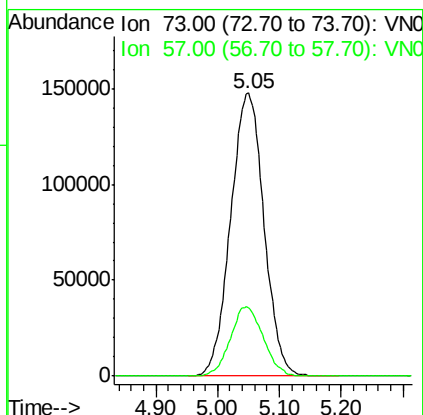
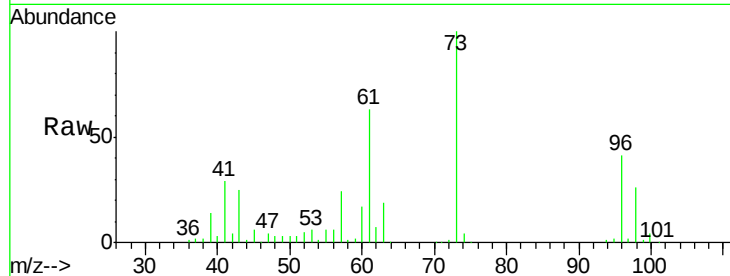




#19
Methvl tert-butvl Ether
Concen: 51.000 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

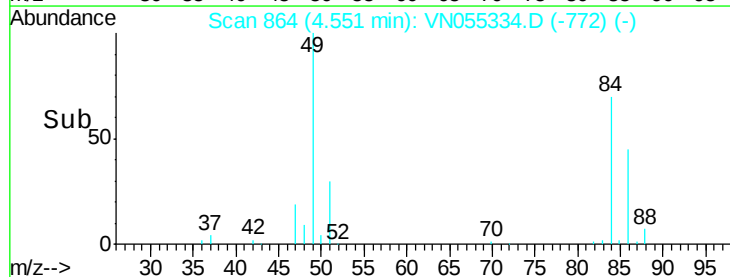
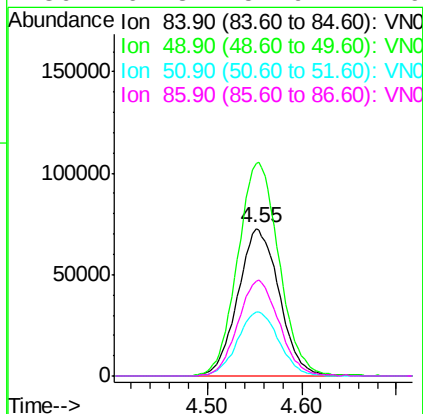
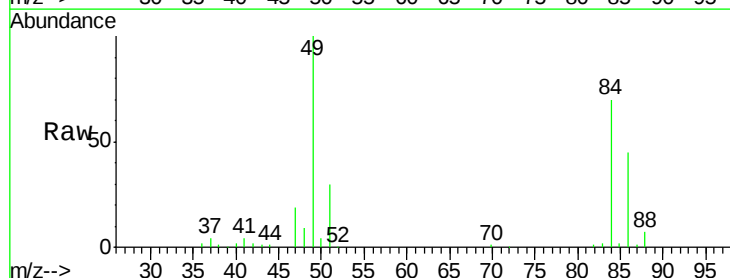
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

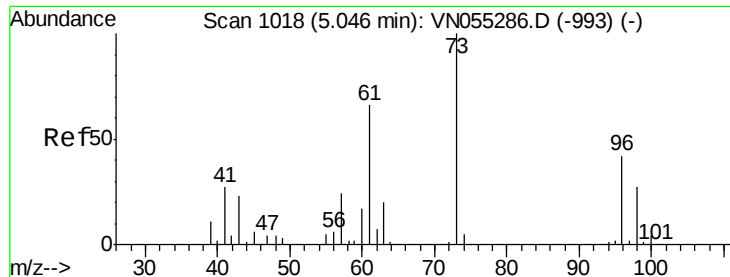
Tot Ion: 73 Resp: 551933
Ion Ratio Lower Upper
73 100
57 24.2 19.1 28.7



#20
Methylene Chloride
Concen: 45.520 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 84 Resp: 220710
Ion Ratio Lower Upper
84 100
49 143.6 112.4 168.6
51 42.9 34.6 51.8
86 64.3 51.9 77.9

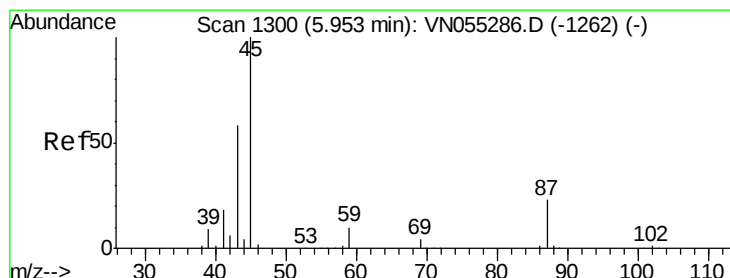
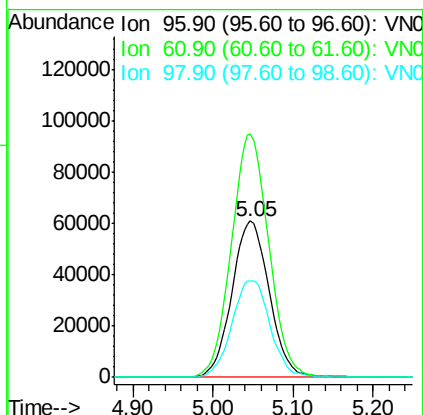
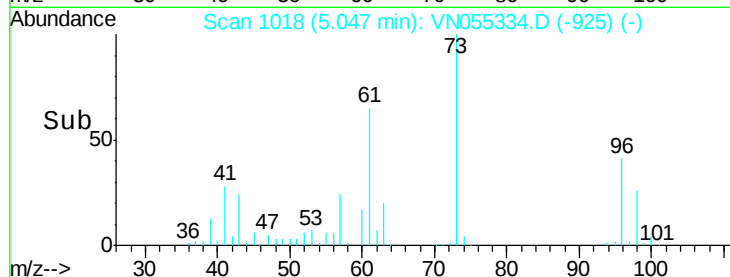
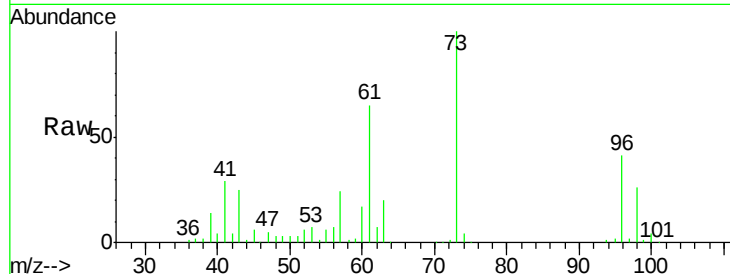




#21
trans-1,2-Dichloroethene
Concen: 47.345 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

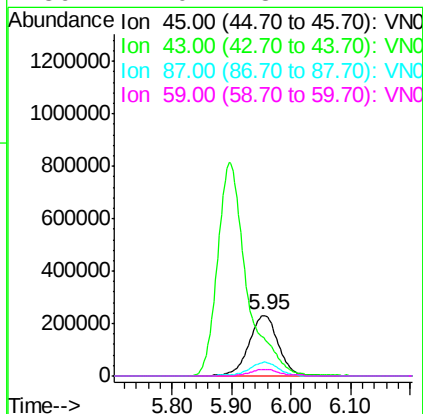
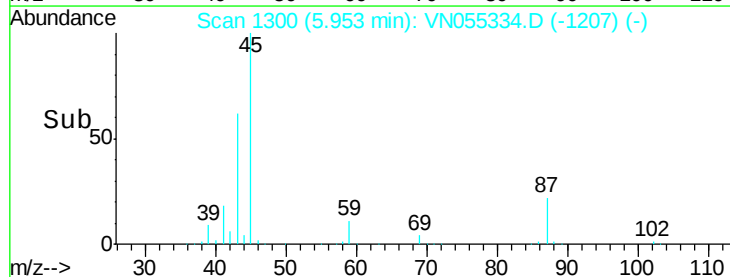
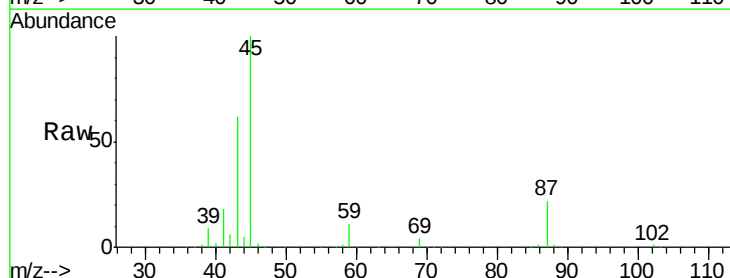
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 193025
Ion Ratio Lower Upper
96 100
61 156.0 126.2 189.4
98 61.7 52.2 78.2



#22
Diisopropyl ether
Concen: 50.788 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 45 Resp: 804555
Ion Ratio Lower Upper
45 100
43 62.1 46.6 70.0
87 22.3 18.1 27.1
59 11.0 8.2 12.2





#23

Vinyl Acetate

Concen: 267.443 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

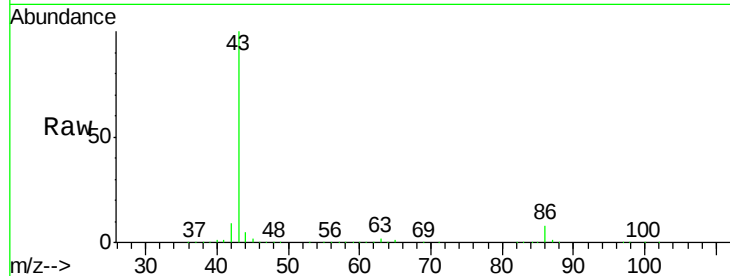
VSTDCCC050EC

Tot Ion: 43 Resp: 2776691

Ion Ratio Lower Upper

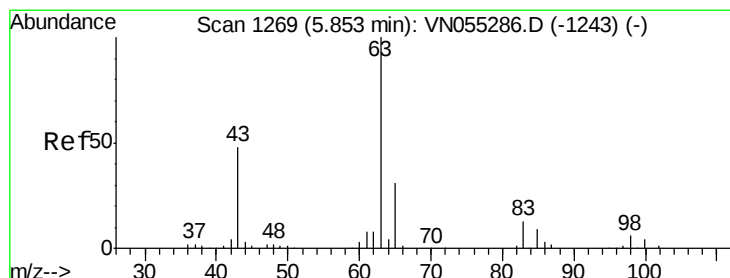
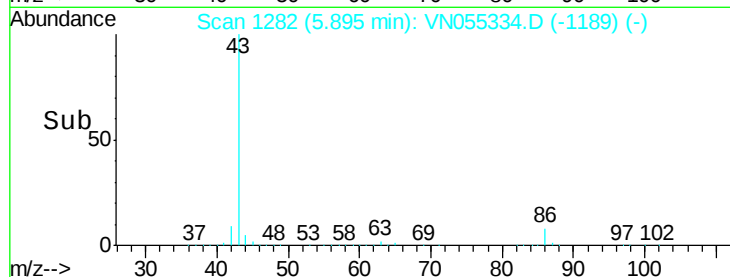
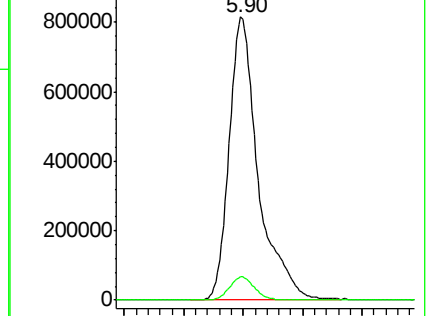
43 100

86 8.2 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.025 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

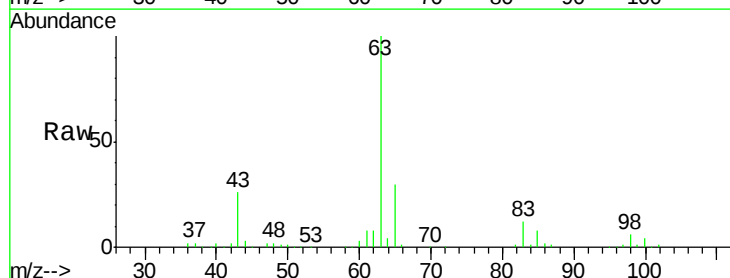
Tgt Ion: 63 Resp: 413790

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.0

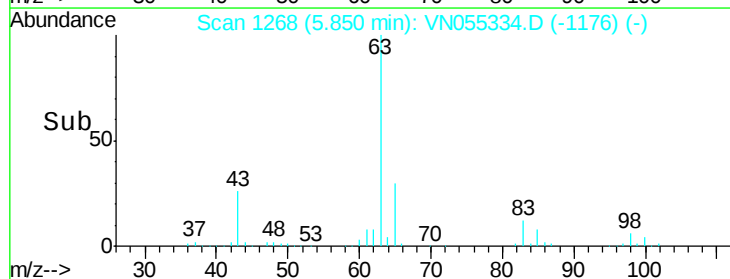
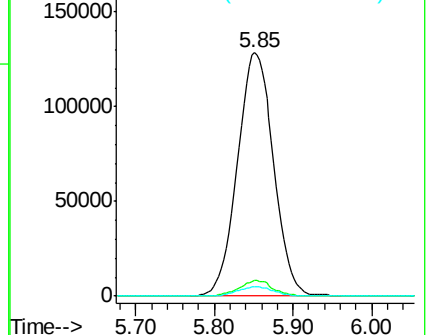
100 3.9 1.8 5.4

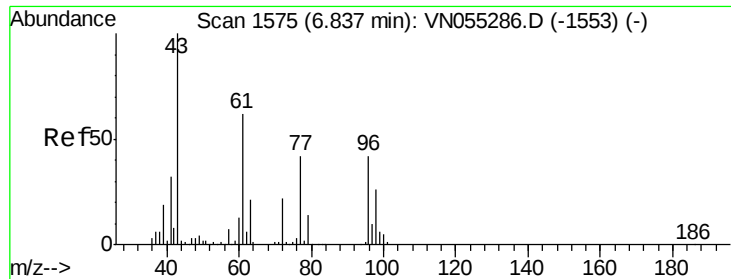


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

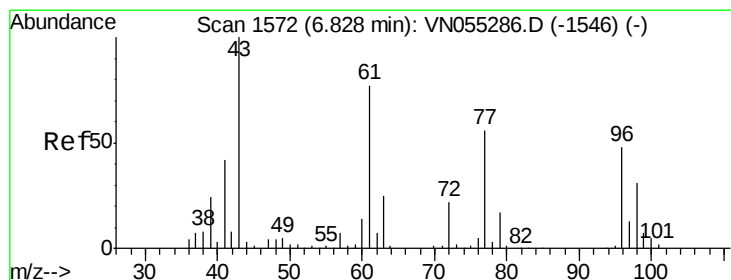
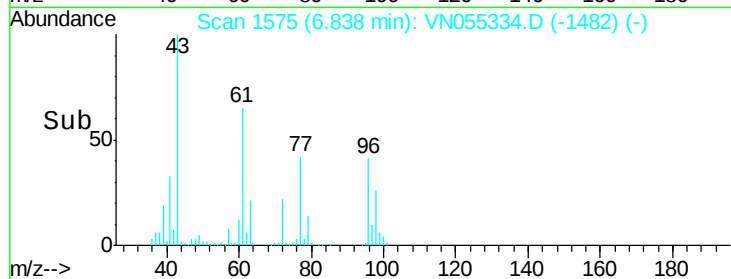
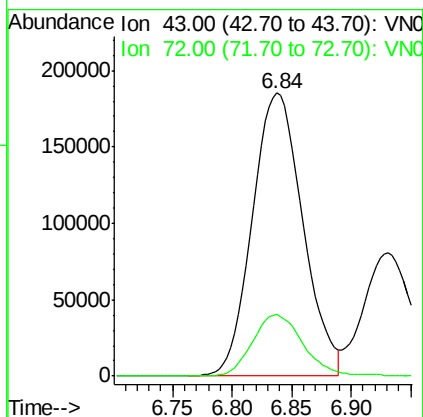
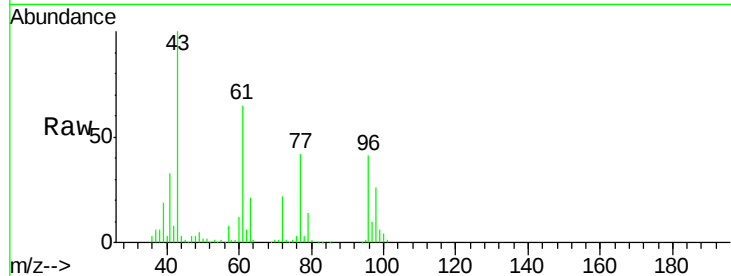




#25
2-Butanone
Concen: 267.304 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

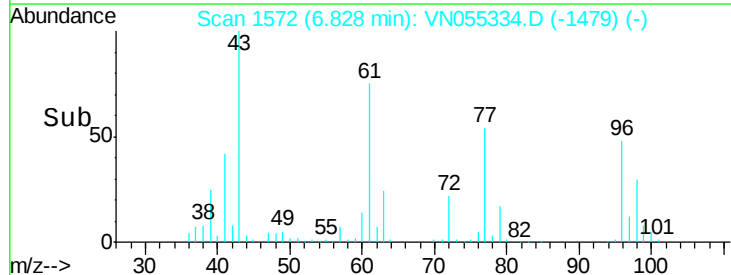
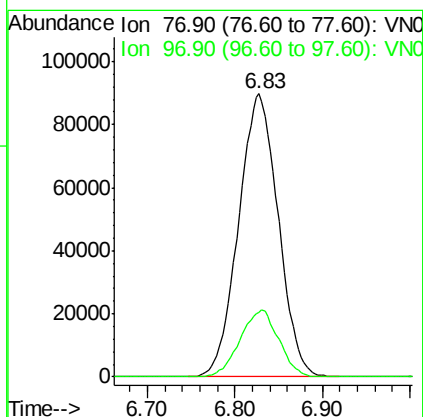
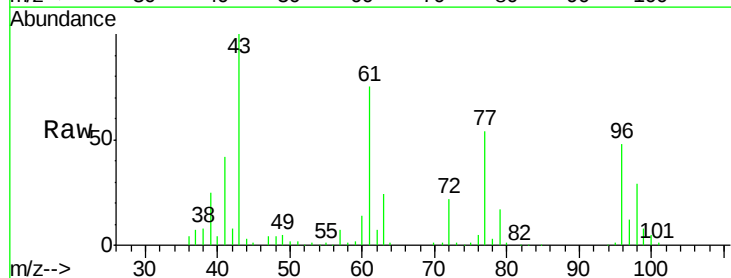
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 543030
Ion Ratio Lower Upper
43 100
72 21.7 18.0 27.0



#26
2,2-Dichloropropane
Concen: 48.296 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 77 Resp: 281493
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 49.935 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

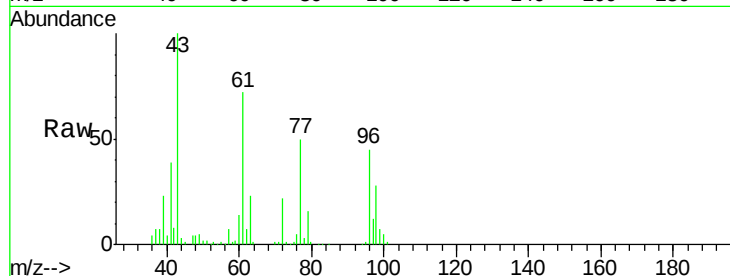
Tot Ion: 96 Resp: 231515

Ion Ratio Lower Upper

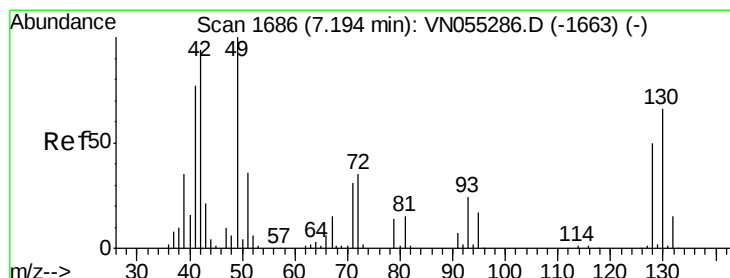
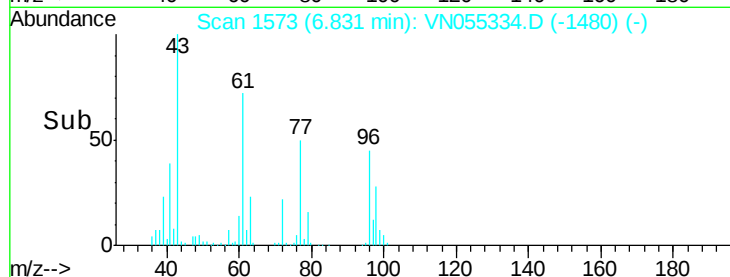
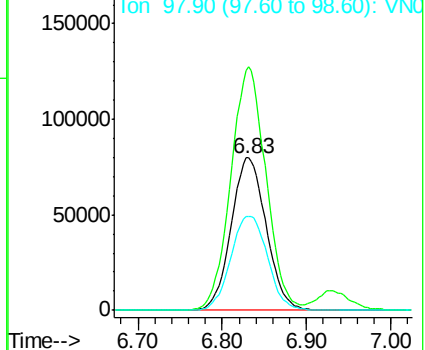
96 100

61 159.6 0.0 316.2

98 64.7 0.0 126.6



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



#28

Bromochloromethane

Concen: 48.305 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

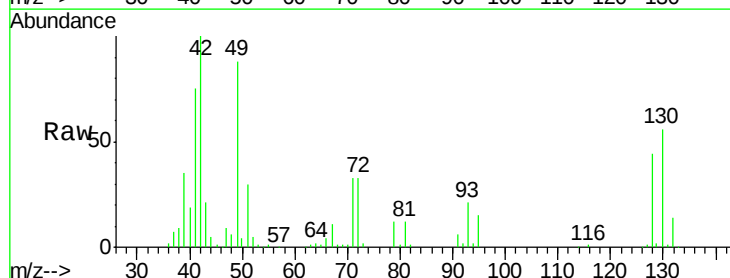
Tgt Ion: 49 Resp: 205516

Ion Ratio Lower Upper

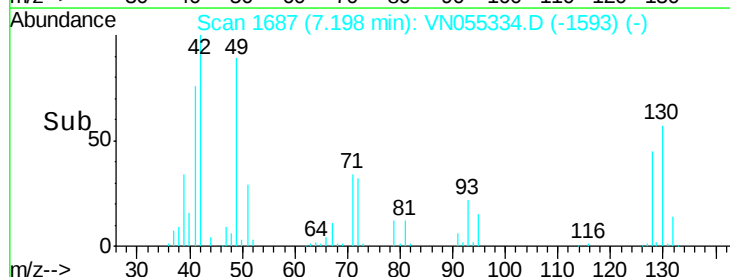
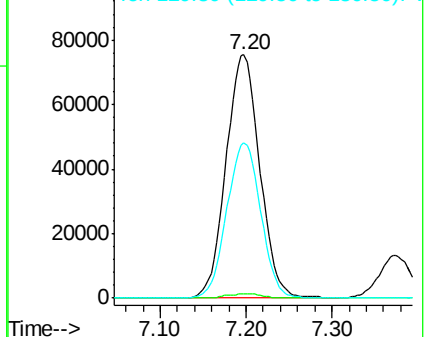
49 100

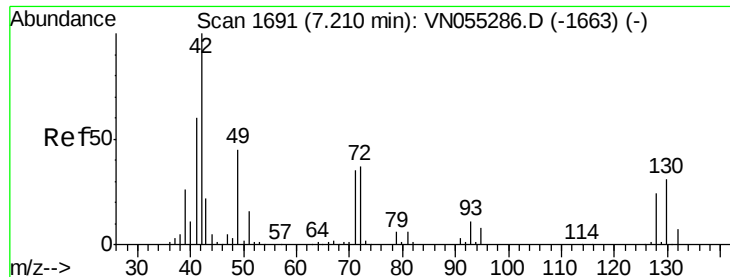
129 1.8 0.0 2.4

130 64.2 52.0 78.0



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

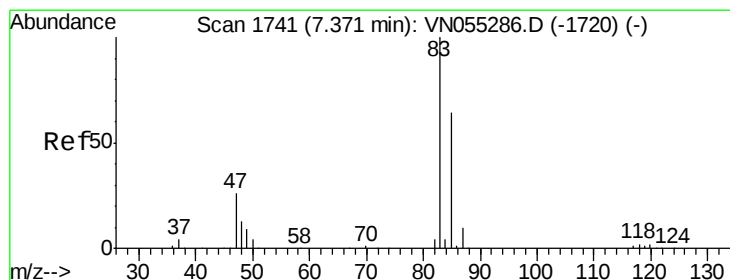
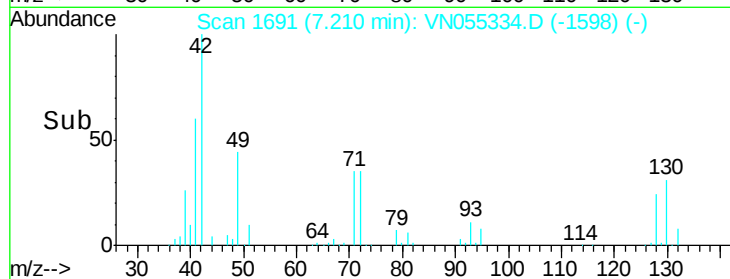
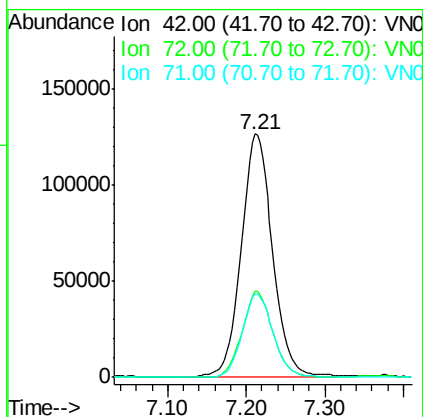
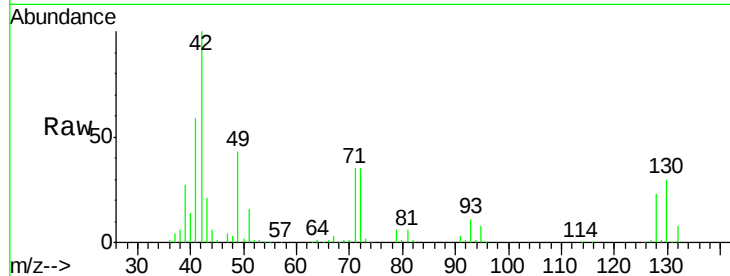




#29
Tetrahydrofuran
Concen: 270.694 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

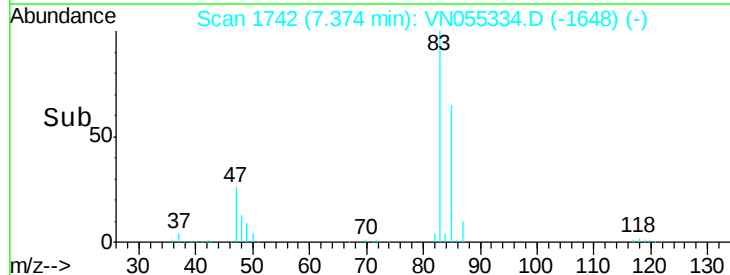
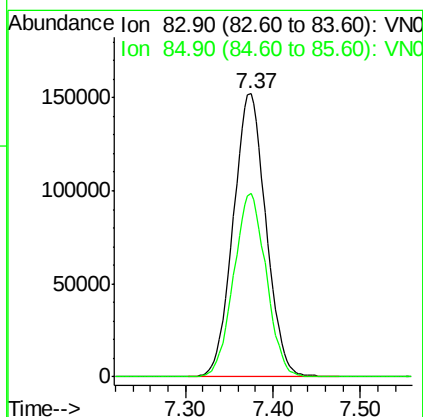
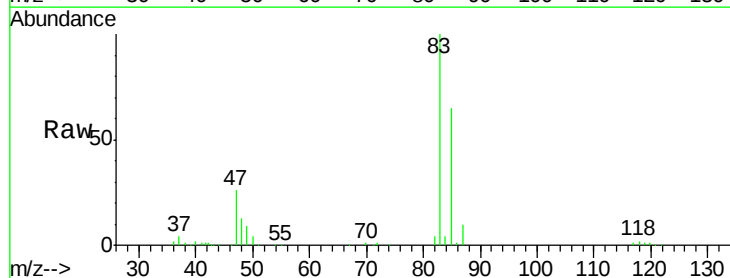
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

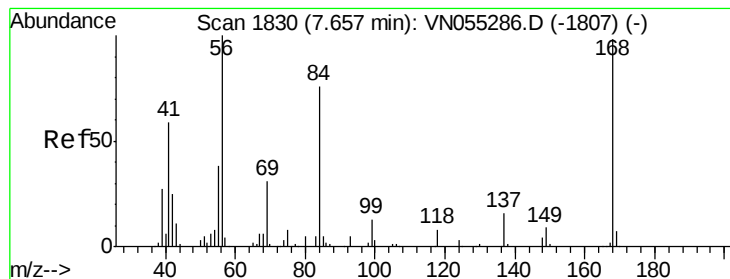
Tot Ion: 42 Resp: 352128
Ion Ratio Lower Upper
42 100
72 35.0 29.0 43.6
71 34.0 27.1 40.7



#30
Chloroform
Concen: 49.388 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 83 Resp: 395157
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.2





#31

Cyclohexane

Concen: 44.266 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

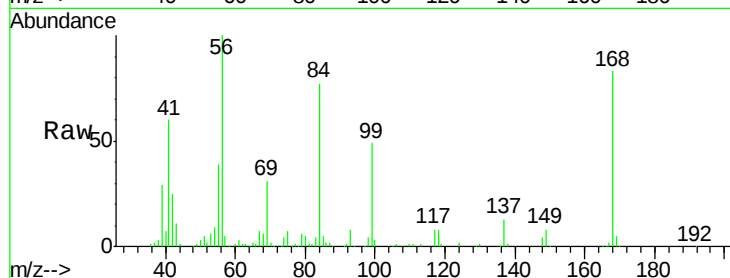
Tot Ion: 56 Resp: 354982

Ion Ratio Lower Upper

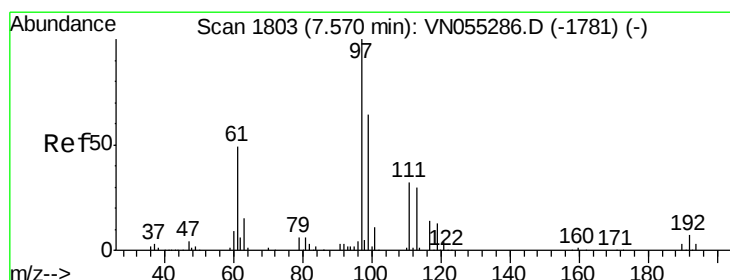
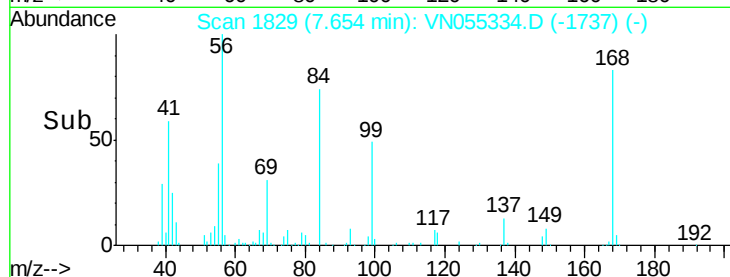
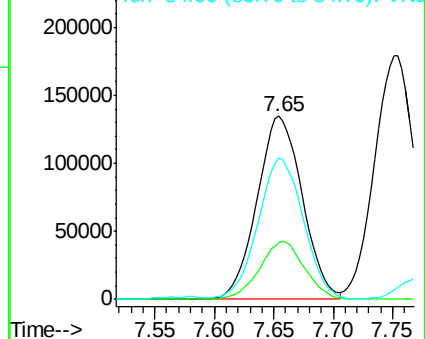
56 100

69 30.8 25.2 37.8

84 75.6 61.1 91.7



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



#32

1,1,1-Trichloroethane

Concen: 48.737 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

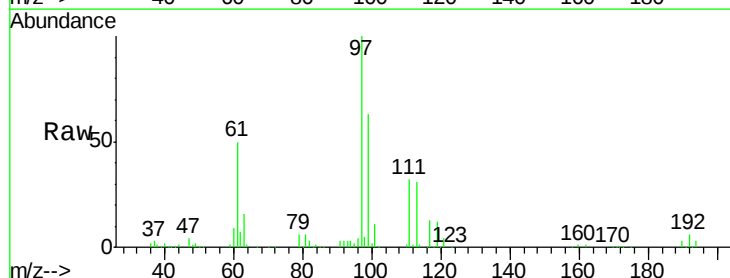
Tgt Ion: 97 Resp: 316480

Ion Ratio Lower Upper

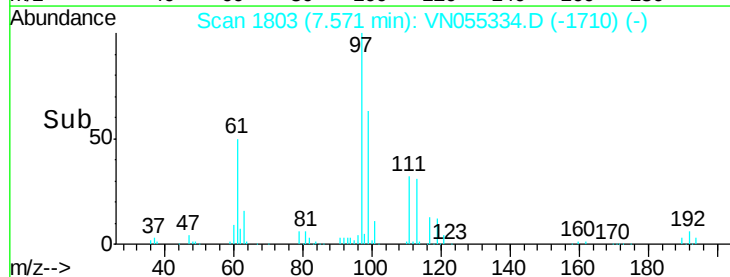
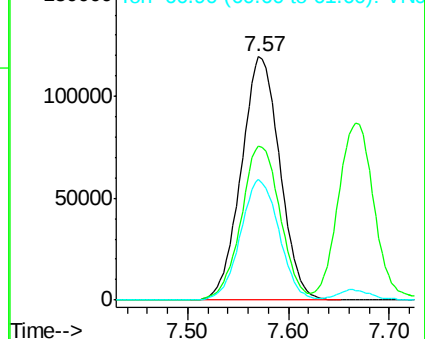
97 100

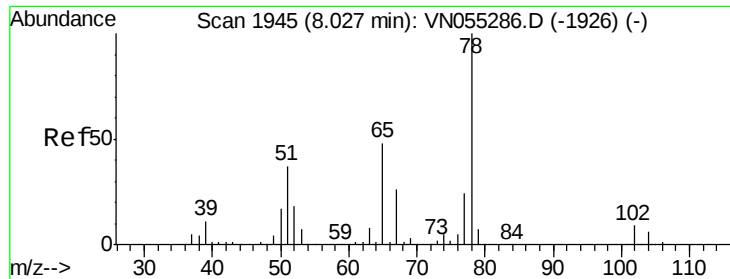
99 64.1 51.8 77.8

61 49.4 39.0 58.6



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

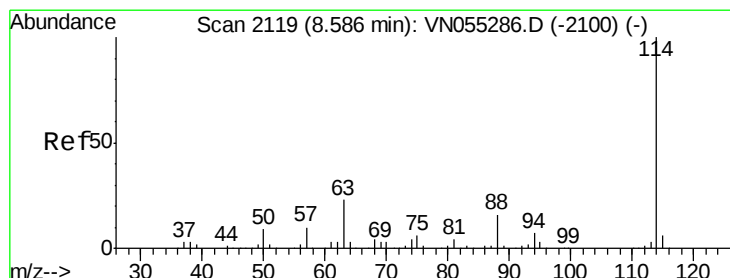
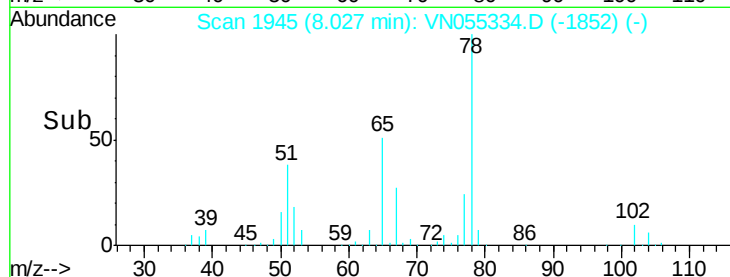
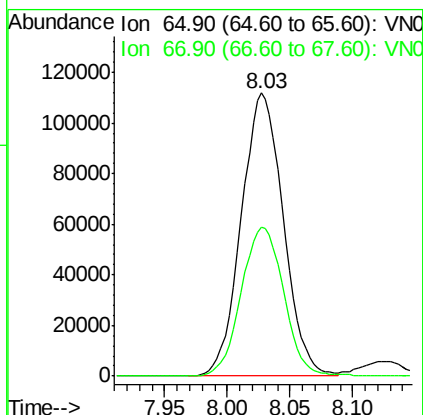
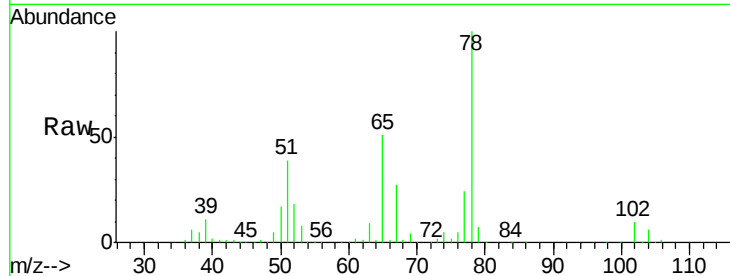




#33
 1,2-Dichloroethane-d4
 Concen: 51.209 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

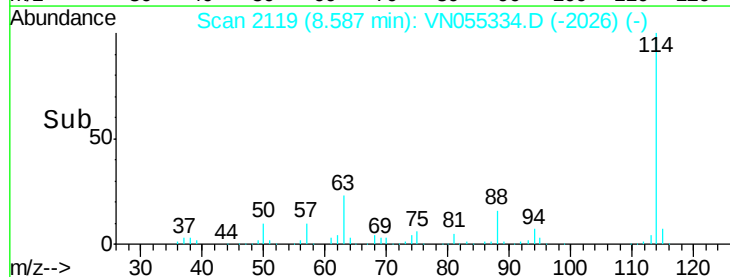
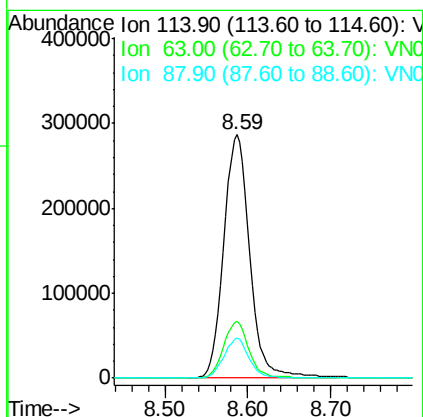
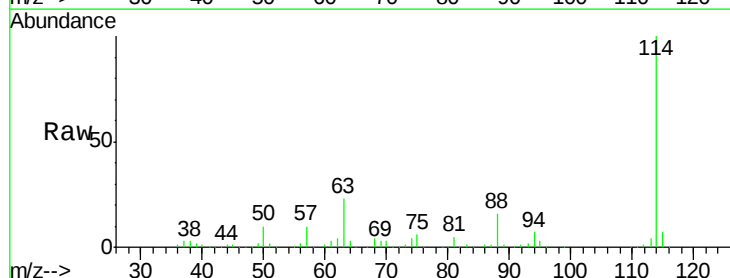
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

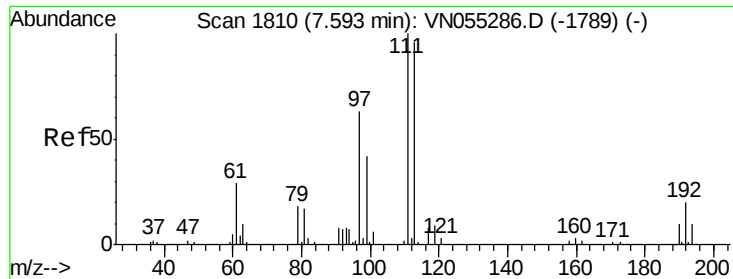
Tot Ion: 65 Resp: 261069
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Tgt Ion: 114 Resp: 626517
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.2
 88 16.3 0.0 31.6

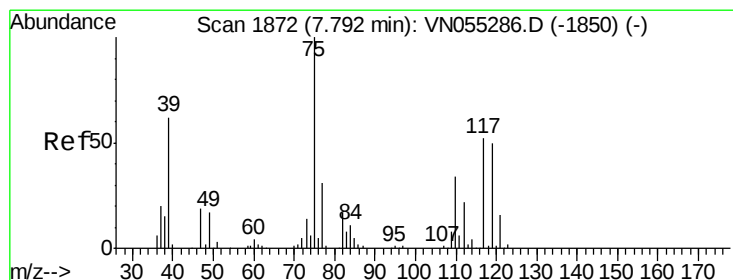
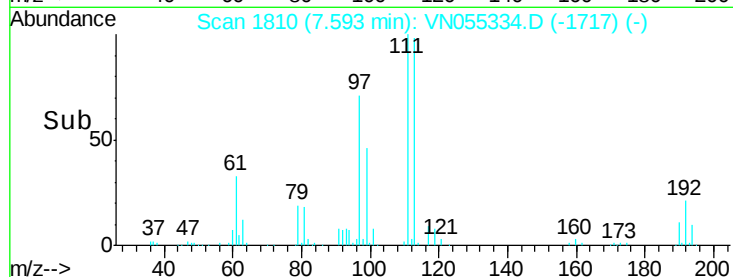
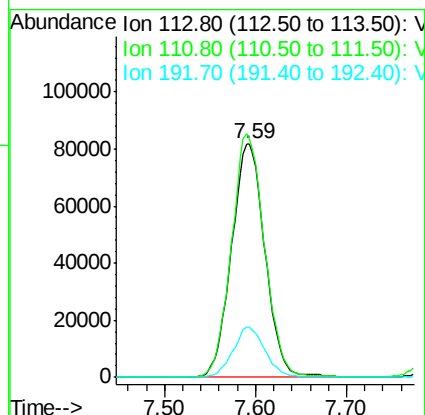
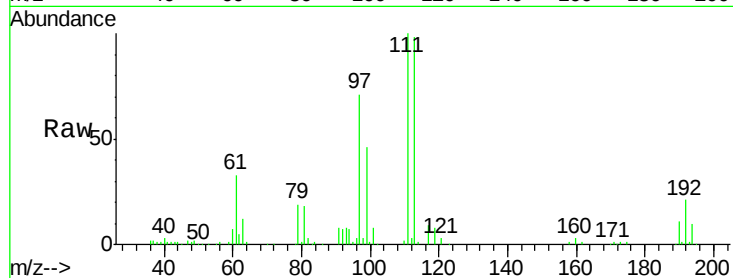




#35
 Dibromofluoromethane
 Concen: 50.842 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

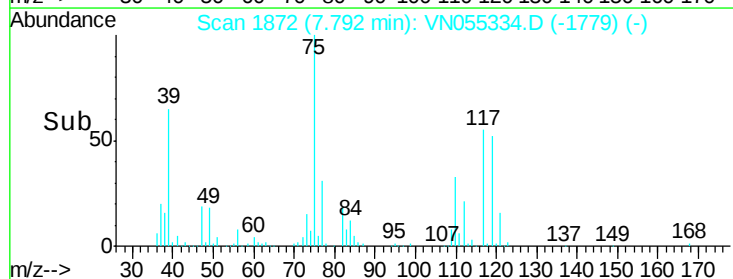
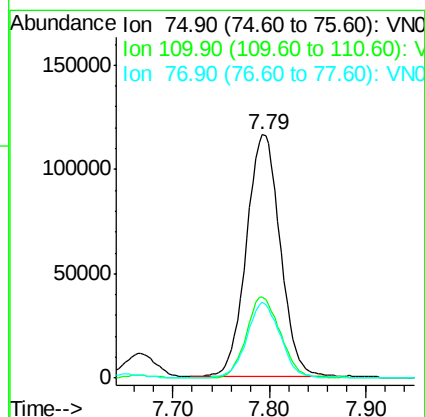
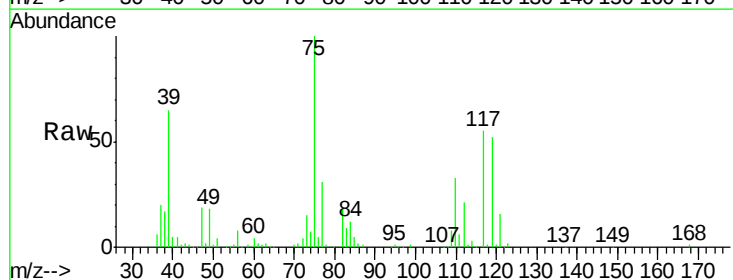
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

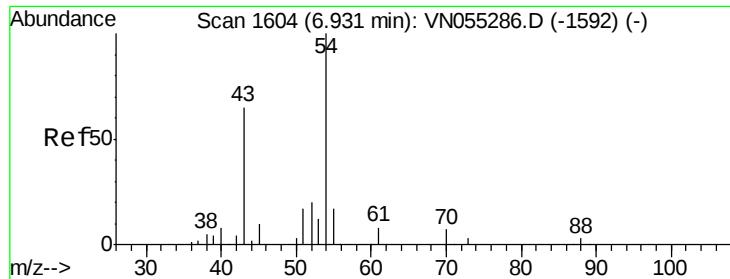
Tot Ion:113 Resp: 209076
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.3 123.5
 192 20.6 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 47.246 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Tgt Ion: 75 Resp: 283524
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.8 50.4
 77 30.4 25.0 37.6

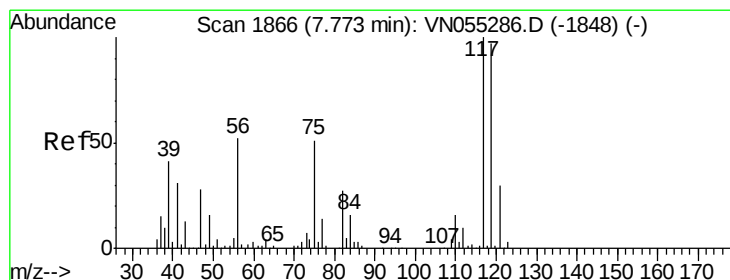
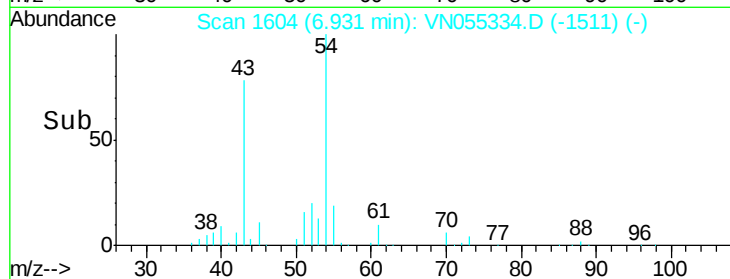
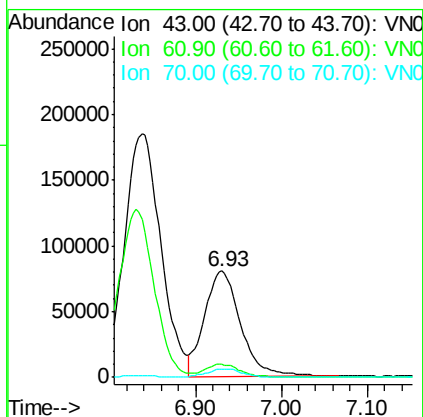
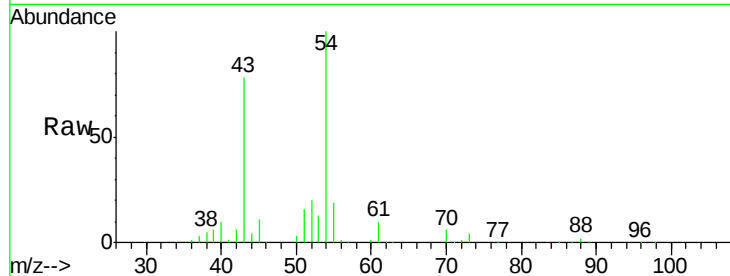




#37
Ethyl Acetate
Concen: 51.113 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

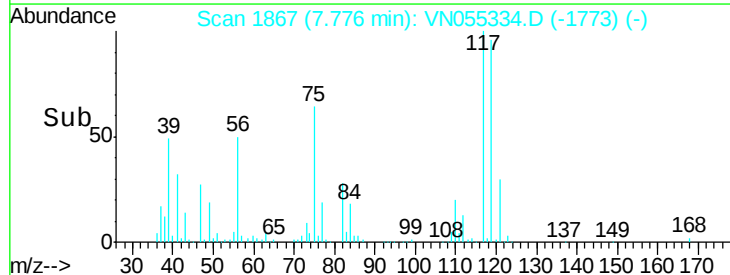
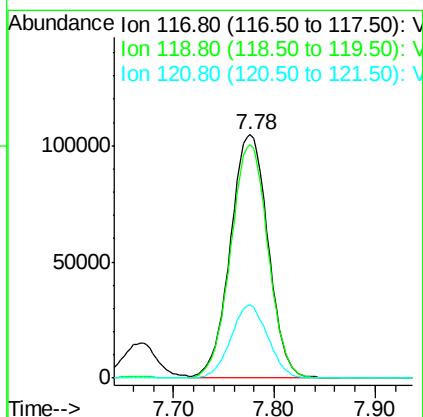
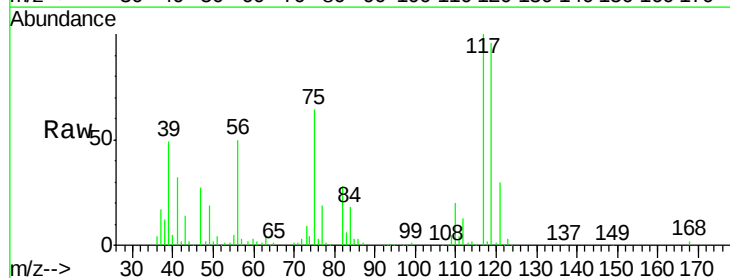
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

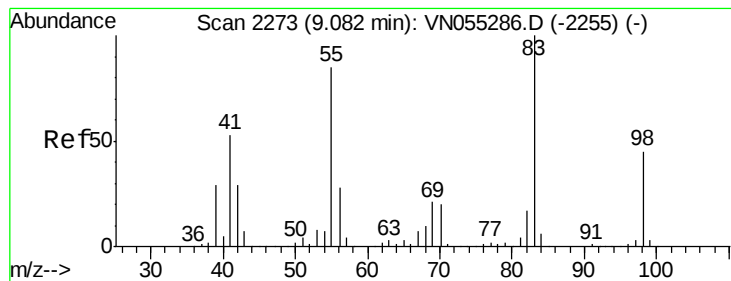
Tot Ion: 43 Resp: 235085
Ion Ratio Lower Upper
43 100
61 11.5 10.4 15.6
70 7.9 6.6 10.0



#38
Carbon Tetrachloride
Concen: 47.015 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 117 Resp: 272162
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6
121 30.0 23.8 35.8

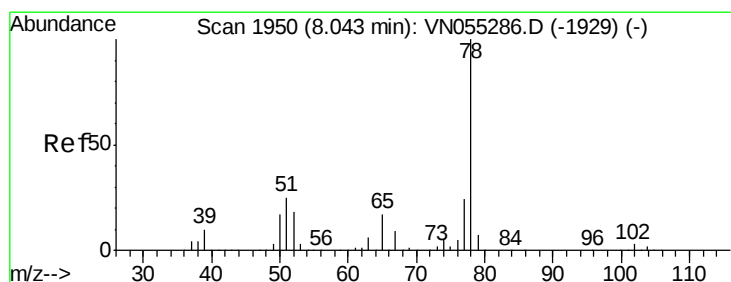
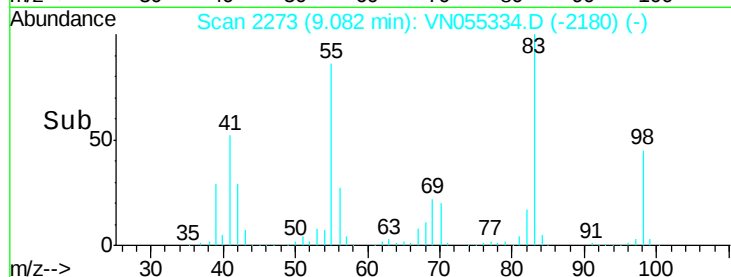
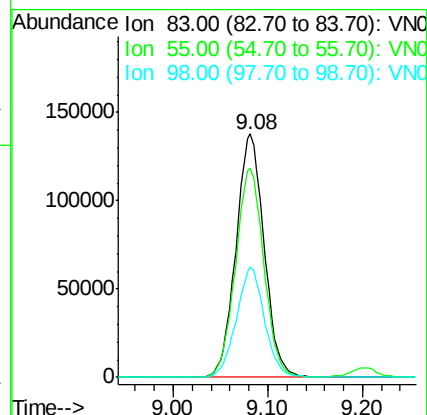
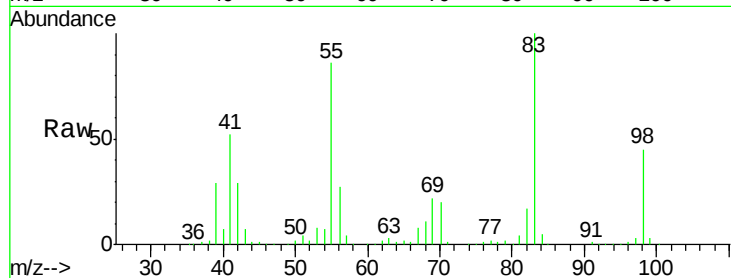




#39
Methvlcvclohexane
Concen: 44.644 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

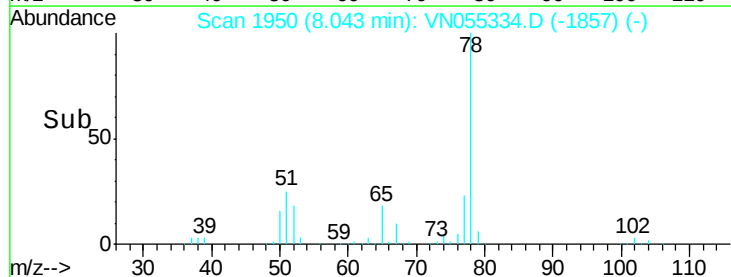
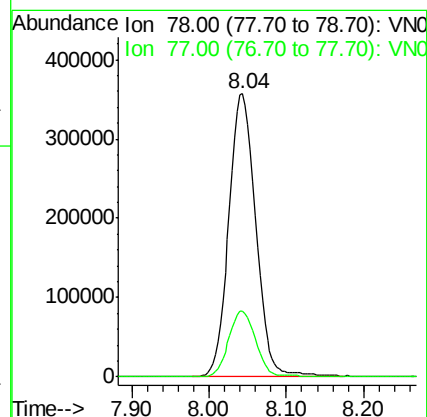
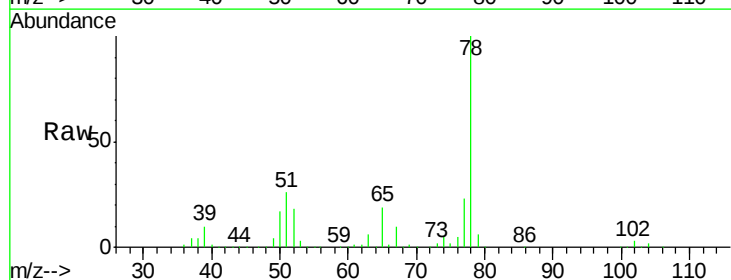
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

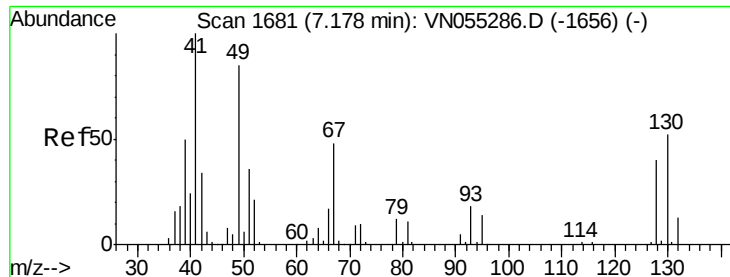
Tot Ion: 83 Resp: 284845
Ion Ratio Lower Upper
83 100
55 86.1 67.8 101.6
98 45.3 36.2 54.4



#40
Benzene
Concen: 48.920 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 78 Resp: 865425
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

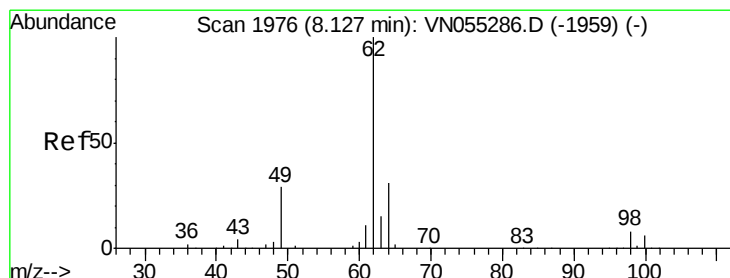
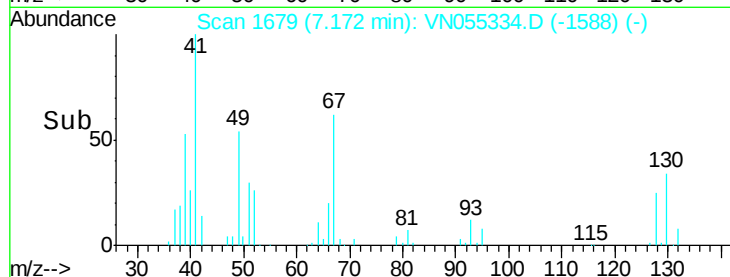
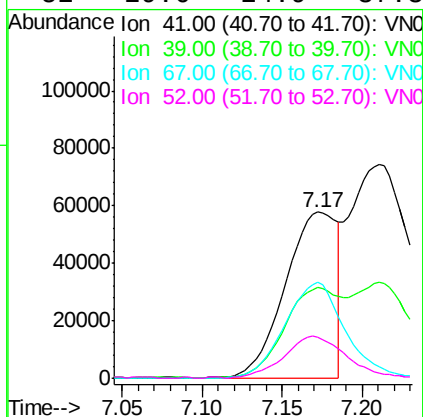
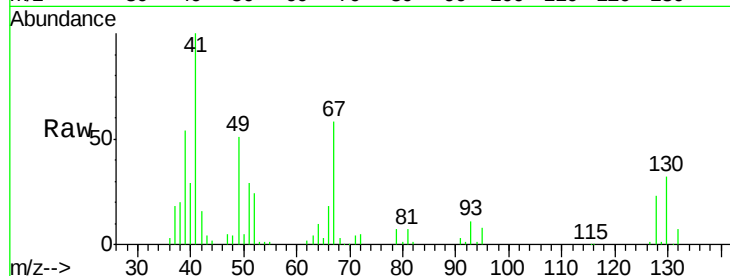




#41
Methacrylonitrile
Concen: 52.428 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

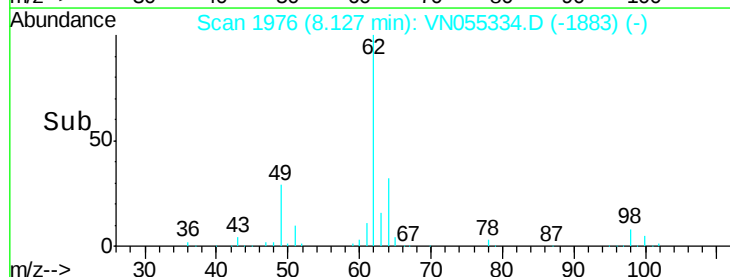
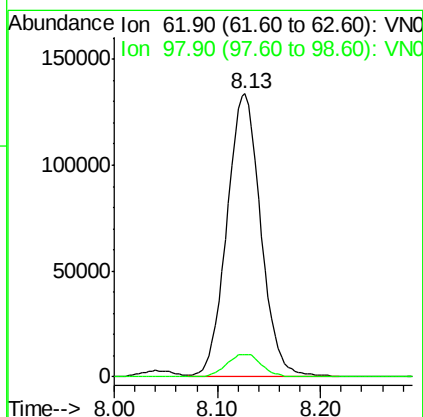
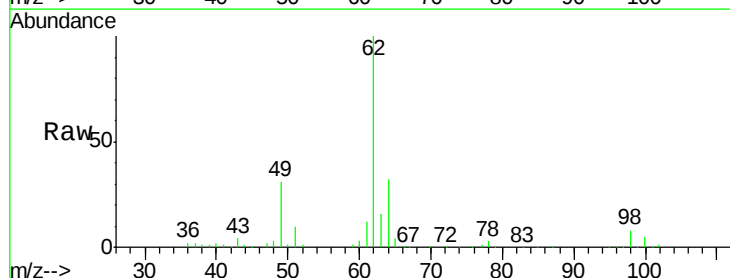
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

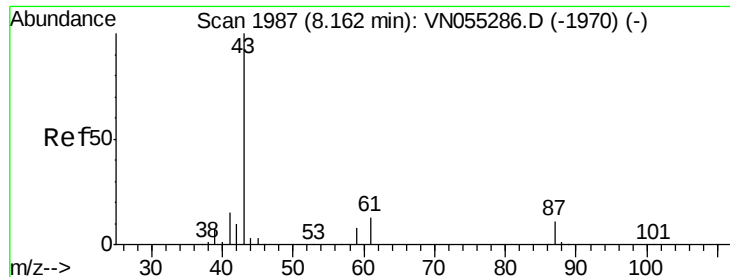
Tot Ion:	41	Resp:	130595
Ion	Ratio	Lower	Upper
41	100		
39	58.2	48.5	72.7
67	68.5	54.9	82.3
52	29.6	24.9	37.3



#42
1,2-Dichloroethane
Concen: 48.666 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion:	62	Resp:	304925
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4





#43

Isopropyl Acetate

Concen: 54.118 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

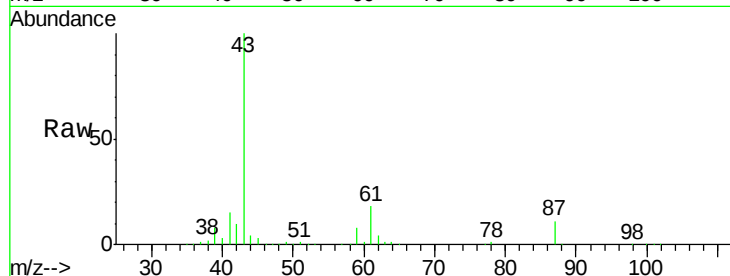
Tot Ion: 43 Resp: 400009

Ion Ratio Lower Upper

43 100

61 25.0 20.8 31.2

87 10.6 8.5 12.7

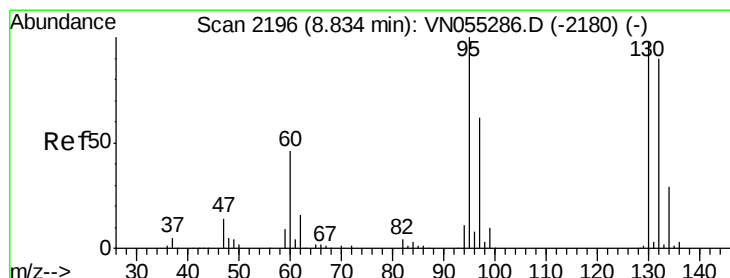
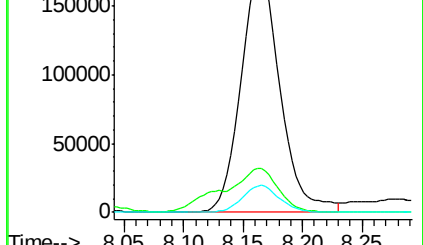
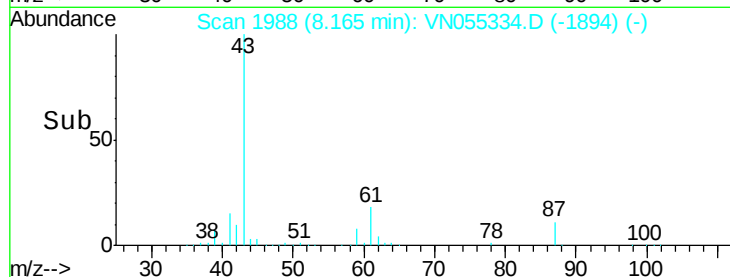


Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)

Time-->



#44

Trichloroethene

Concen: 47.047 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055334.D

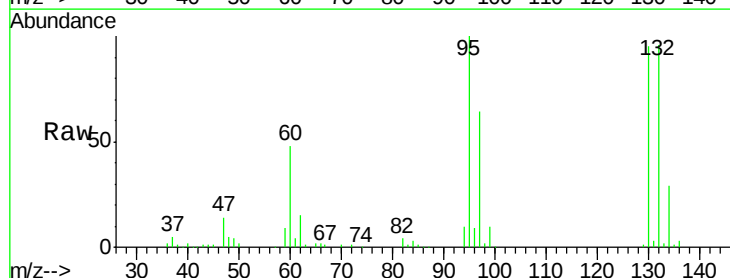
Acq: 1 May 2019 17:36

Tgt Ion:130 Resp: 212176

Ion Ratio Lower Upper

130 100

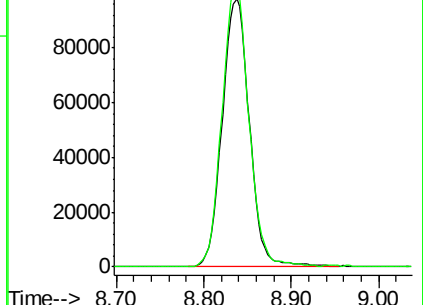
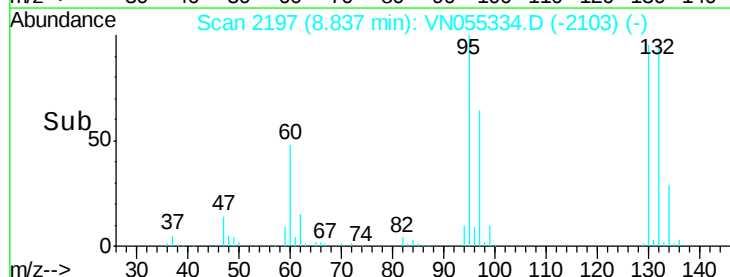
95 105.7 0.0 203.4

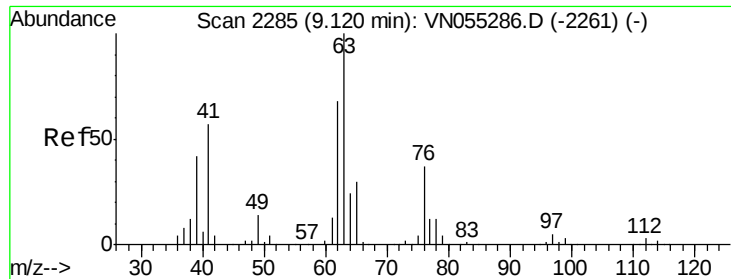


Abundance Ion 129.80 (129.50 to 130.50): VN055286.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055286.D (-2180) (-)

Time-->

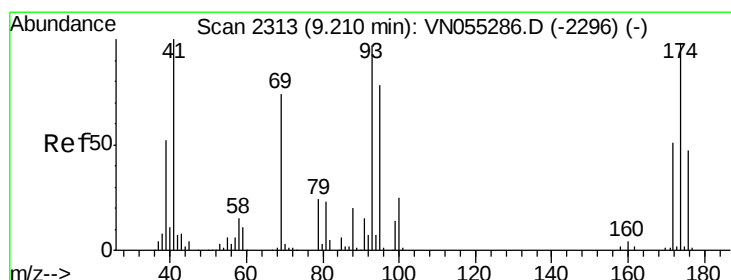
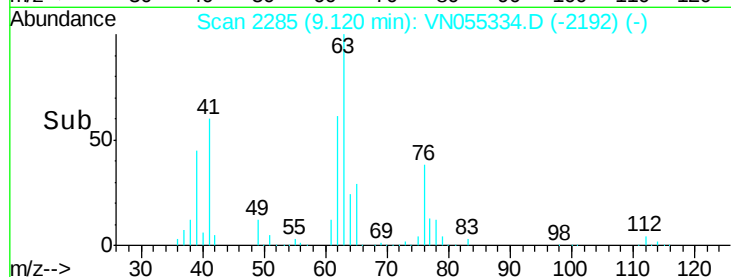
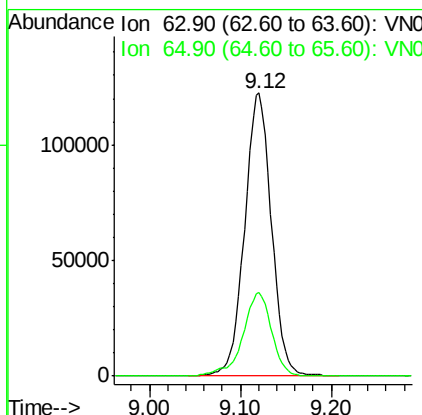
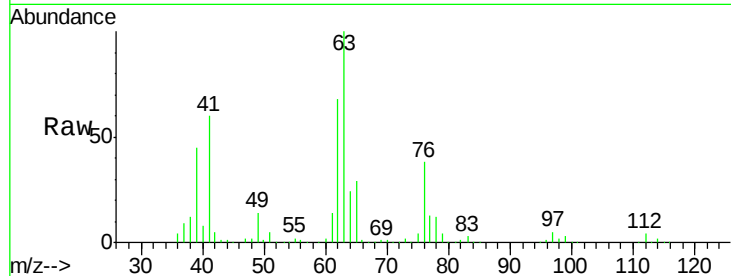




#45
 1,2-Dichloropropane
 Concen: 49.165 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

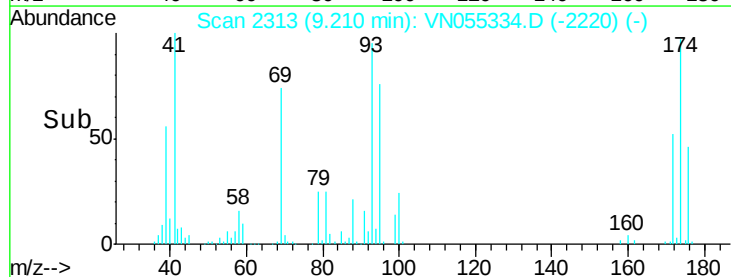
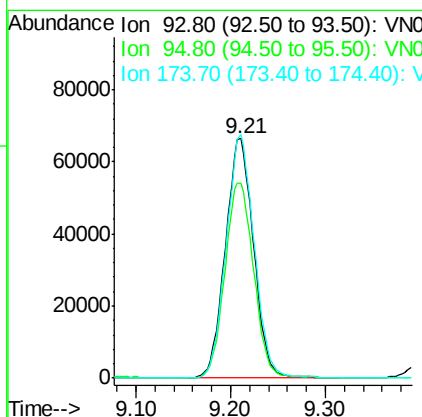
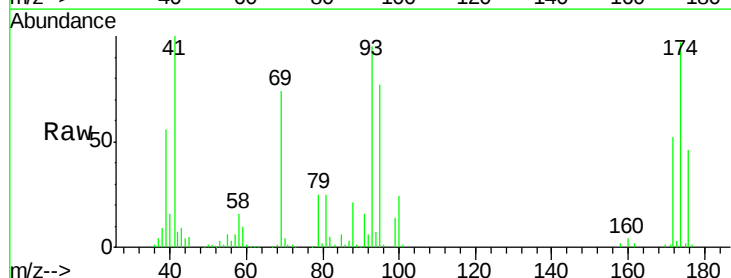
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 250854
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9



#46
 Dibromomethane
 Concen: 49.503 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Tgt Ion: 93 Resp: 138060
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.7 98.5
 174 100.7 81.5 122.3





#47

Bromodichloromethane

Concen: 50.472 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

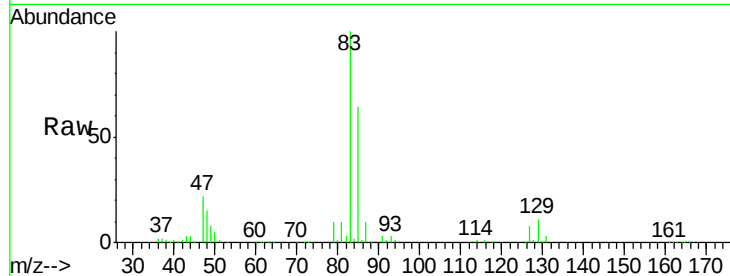
Tot Ion: 83 Resp: 301978

Ion Ratio Lower Upper

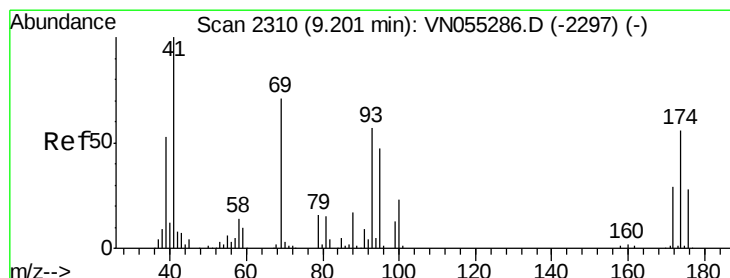
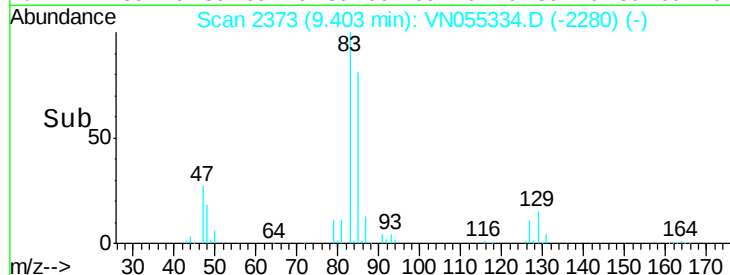
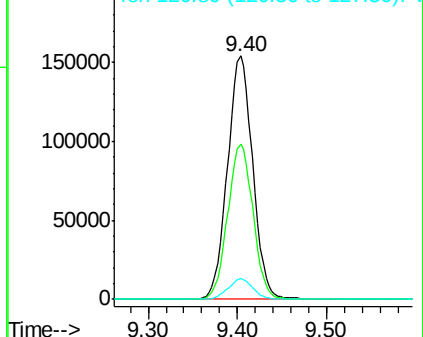
83 100

85 63.6 50.1 75.1

127 8.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 51.032 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

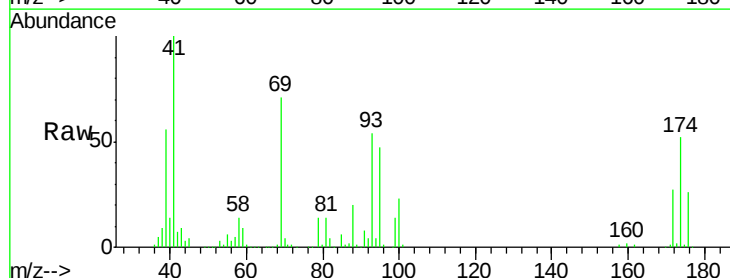
Tgt Ion: 41 Resp: 185430

Ion Ratio Lower Upper

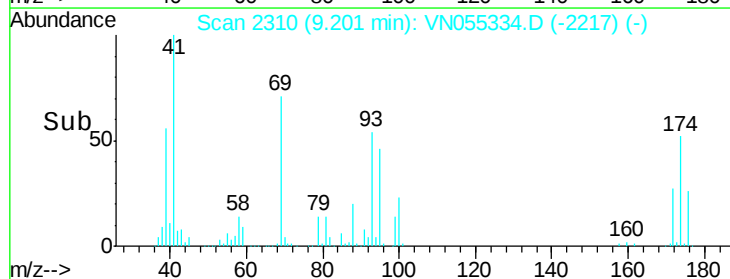
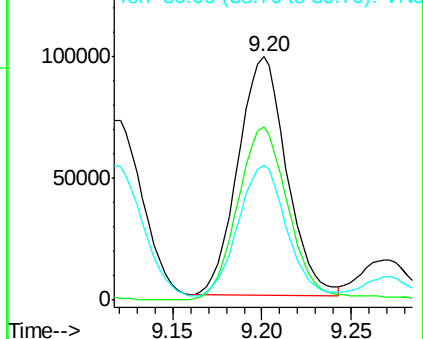
41 100

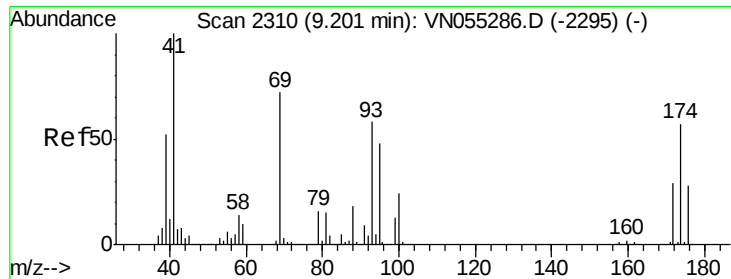
69 76.9 58.6 87.8

39 57.6 43.8 65.6



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





#49

1,4-Dioxane

Concen: 1071.273 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

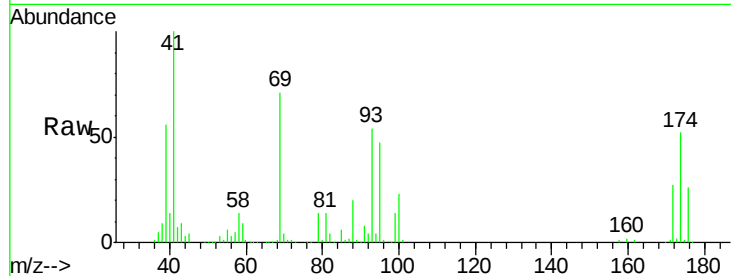
Tot Ion: 88 Resp: 40239

Ion Ratio Lower Upper

88 100

43 40.5 33.3 49.9

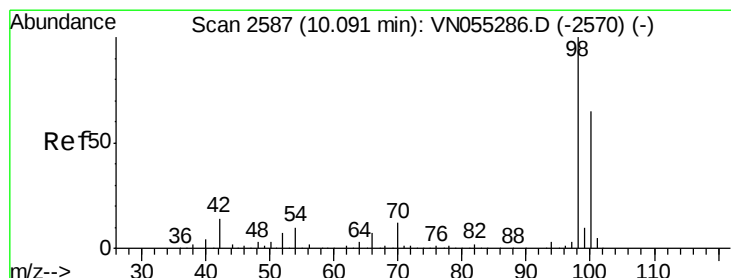
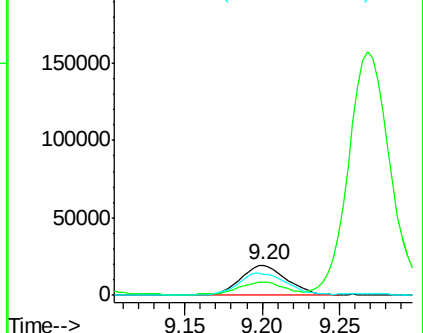
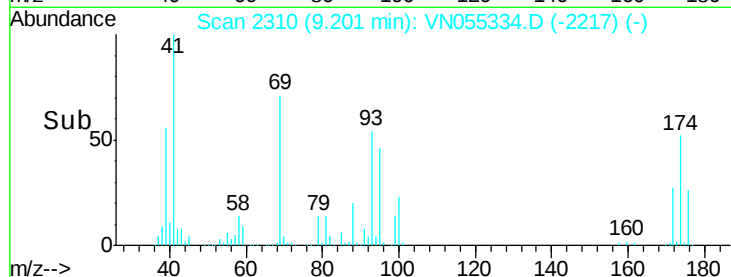
58 78.0 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055334.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN055334.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN055334.D (-2217) (-)



#50

Toluene-d8

Concen: 51.003 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055334.D

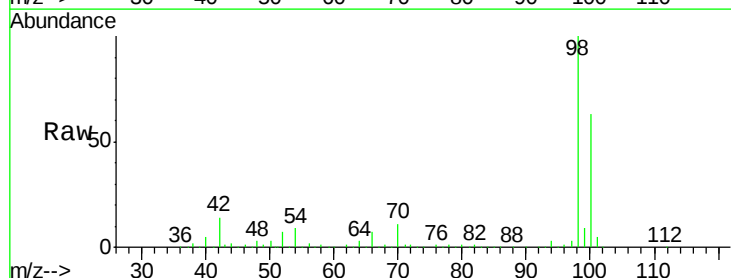
Acq: 1 May 2019 17:36

Tgt Ion: 98 Resp: 757342

Ion Ratio Lower Upper

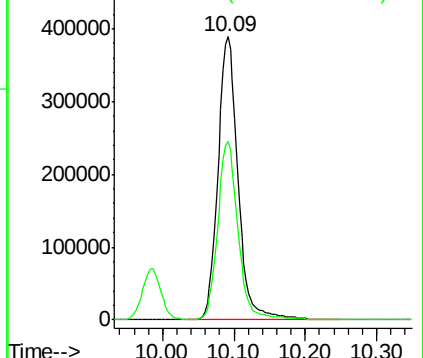
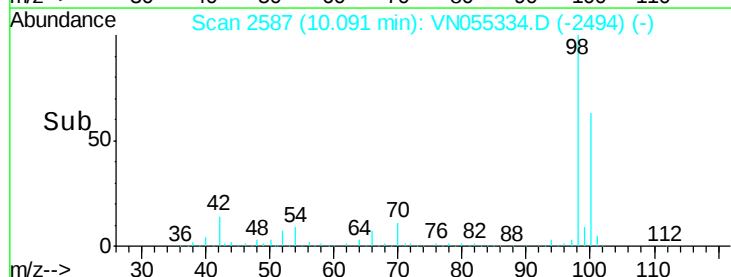
98 100

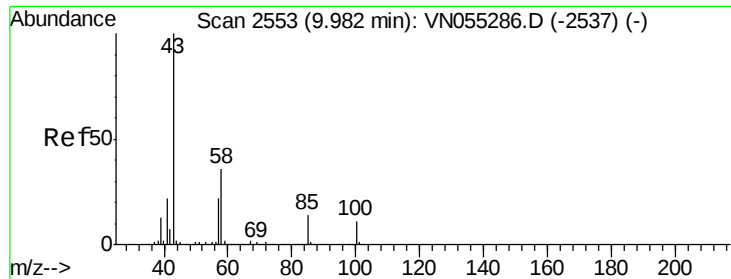
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055334.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055334.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 271.157 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

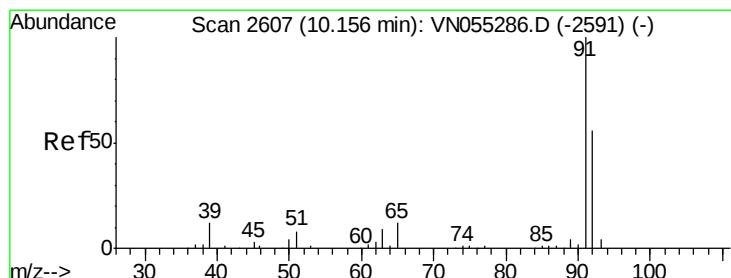
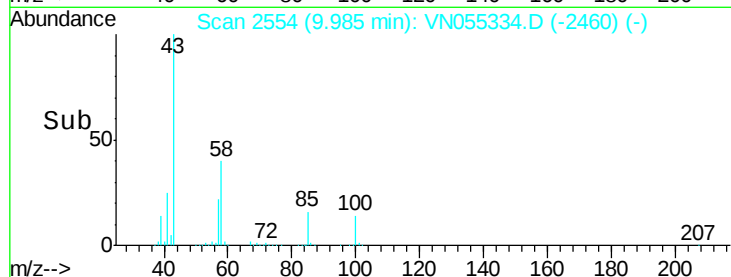
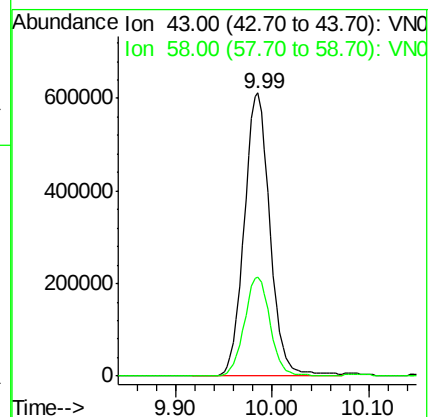
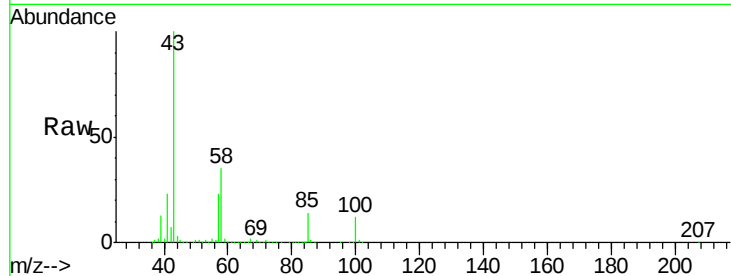
VSTDCCC050EC

Tot Ion: 43 Resp: 1128406

Ion Ratio Lower Upper

43 100

58 34.8 28.5 42.7



#52

Toluene

Concen: 49.854 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055334.D

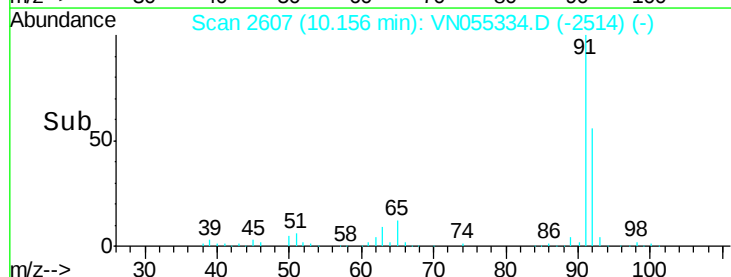
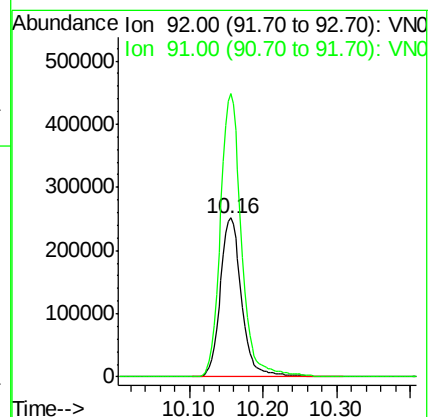
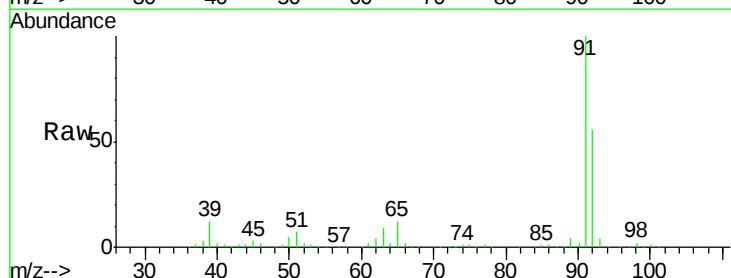
Acq: 1 May 2019 17:36

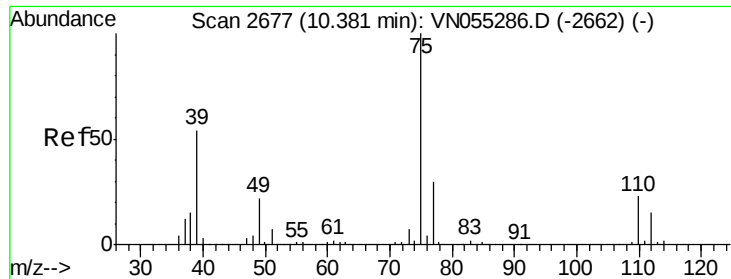
Tgt Ion: 92 Resp: 506047

Ion Ratio Lower Upper

92 100

91 175.2 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 54.880 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

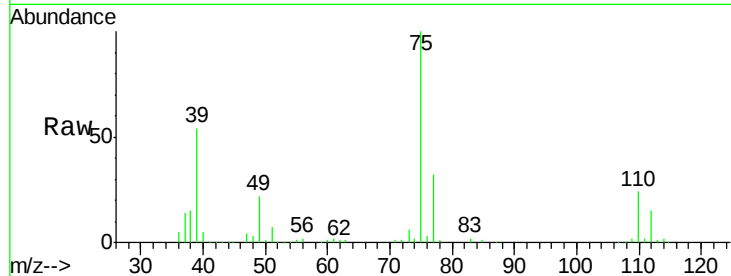
VSTDCCC050EC

Tot Ion: 75 Resp: 285045

Ion Ratio Lower Upper

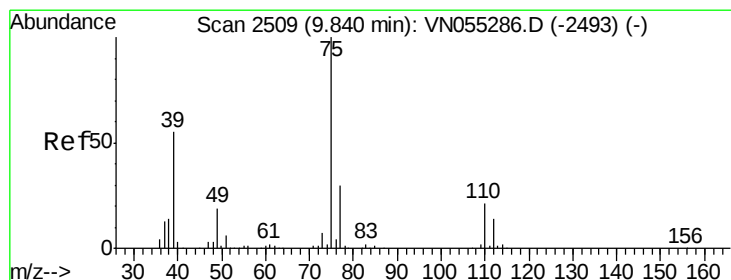
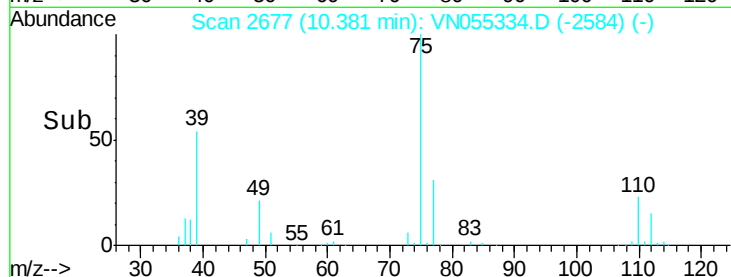
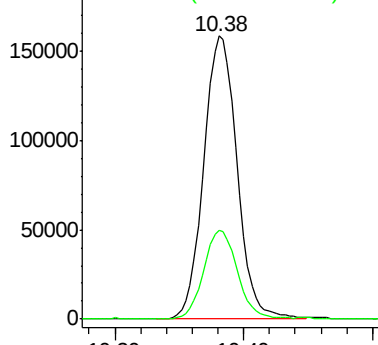
75 100

77 31.1 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 52.248 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

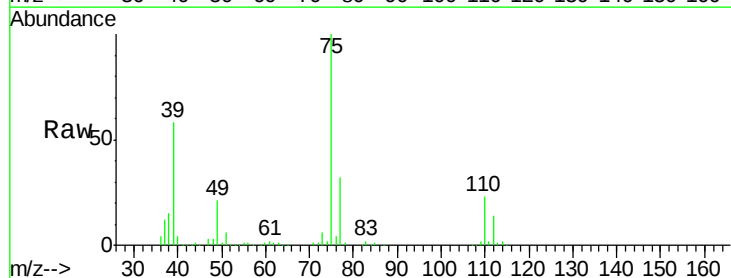
Tgt Ion: 75 Resp: 338351

Ion Ratio Lower Upper

75 100

77 32.2 24.2 36.2

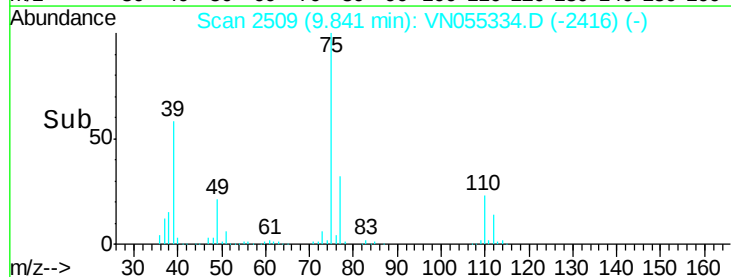
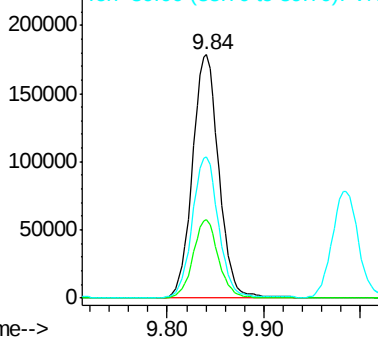
39 58.1 44.2 66.2

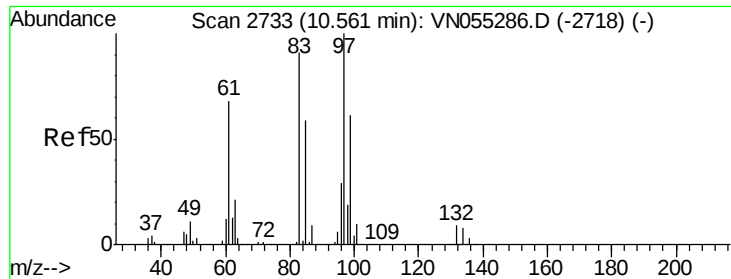


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 50.127 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 188943

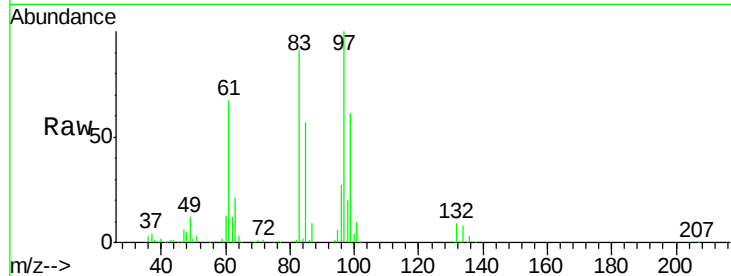
Ion	Ratio	Lower	Upper
97	100		
83	91.0	72.8	109.2
85	56.8	47.0	70.6
99	60.9	49.0	73.4

97 100

83 91.0 72.8 109.2

85 56.8 47.0 70.6

99 60.9 49.0 73.4



Abundance

Ion 96.90 (96.60 to 97.60): VNO

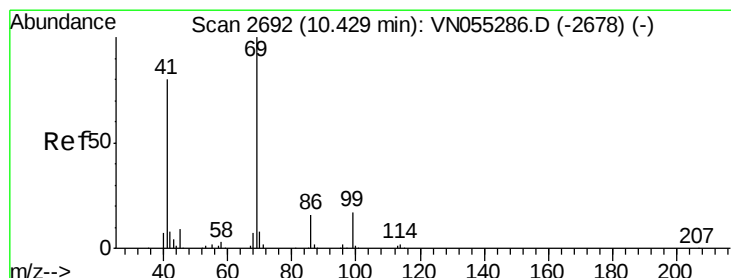
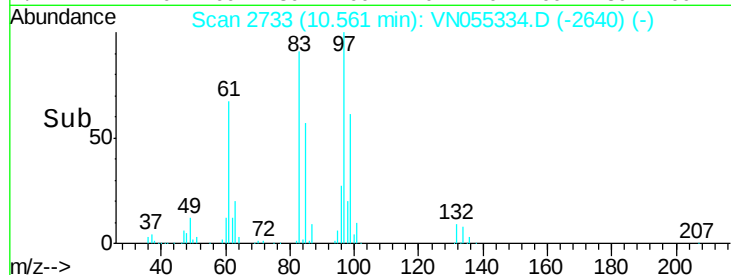
Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

10.56

Time-->



#56

Ethyl methacrylate

Concen: 54.572 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

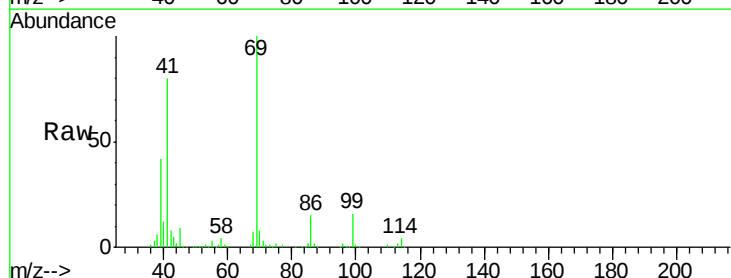
Tgt Ion: 69 Resp: 253181

Ion	Ratio	Lower	Upper
69	100		
41	79.5	62.7	94.1
39	42.0	32.0	48.0

69 100

41 79.5 62.7 94.1

39 42.0 32.0 48.0



Abundance

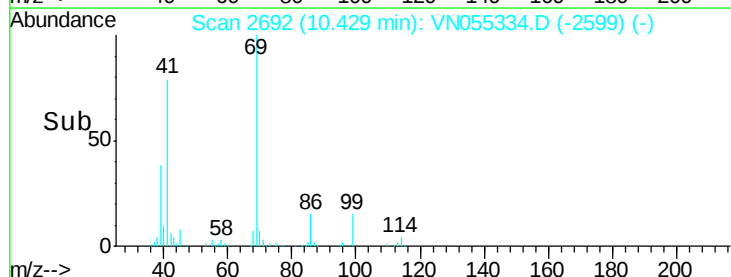
Ion 69.00 (68.70 to 69.70): VNO

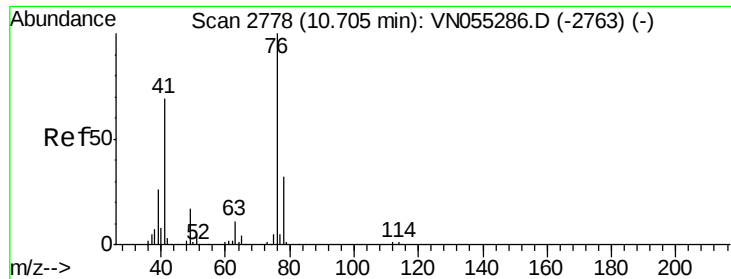
Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

10.43

Time-->





#57

1,3-Dichloropropane

Concen: 50.605 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

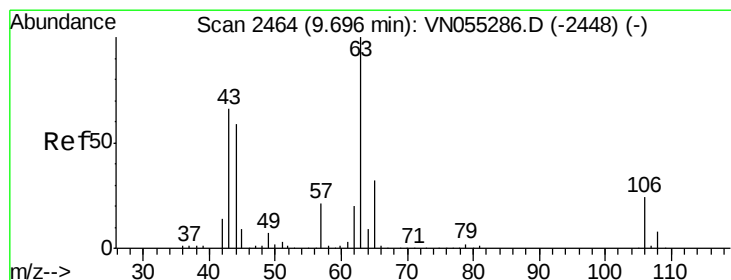
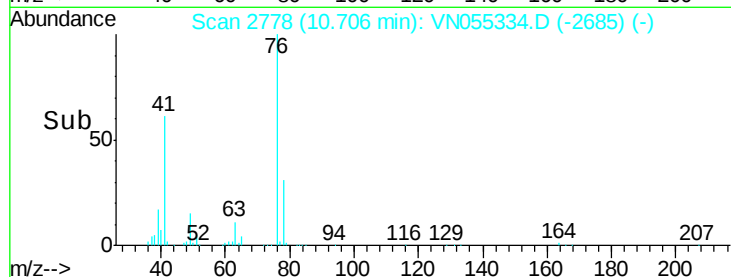
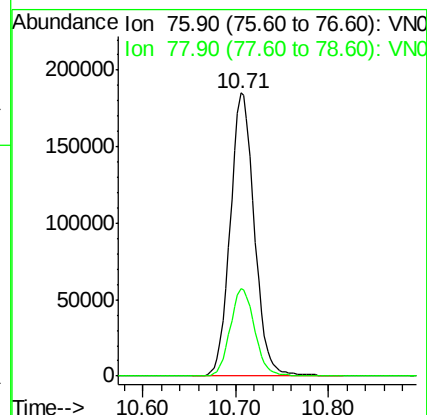
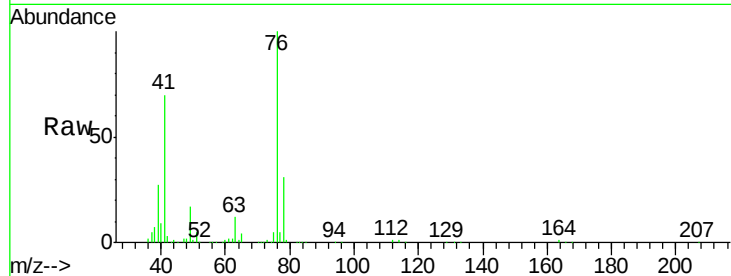
VSTDCCC050EC

Tot Ion: 76 Resp: 334616

Ion Ratio Lower Upper

76 100

78 31.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 232.074 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055334.D

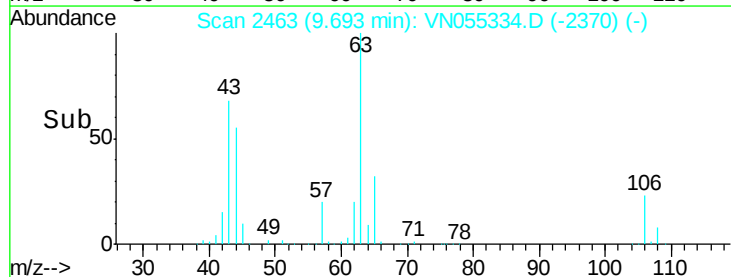
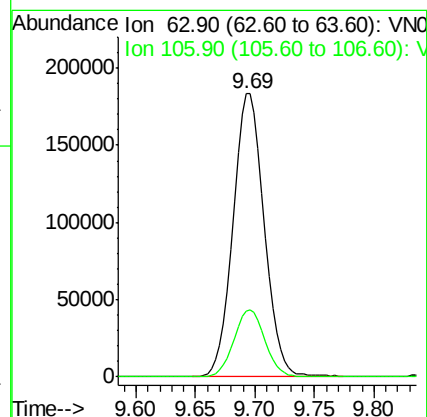
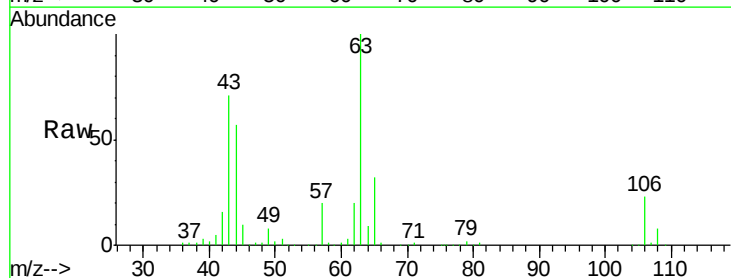
Acq: 1 May 2019 17:36

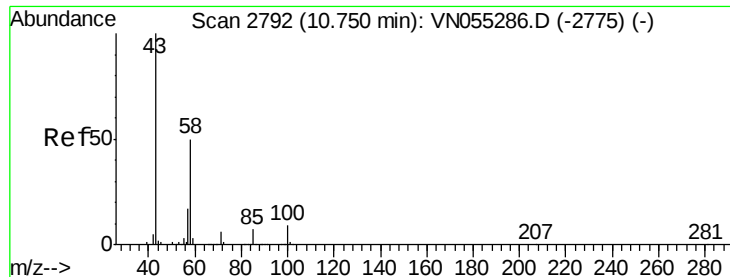
Tgt Ion: 63 Resp: 332798

Ion Ratio Lower Upper

63 100

106 23.6 19.0 28.4

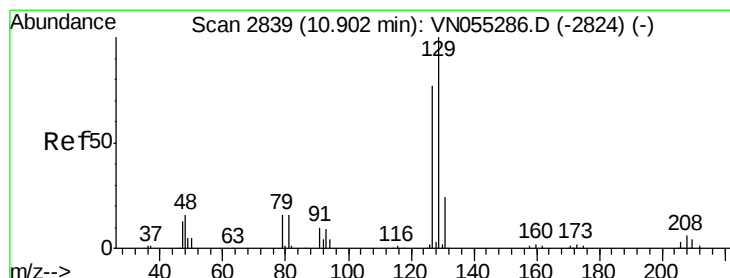
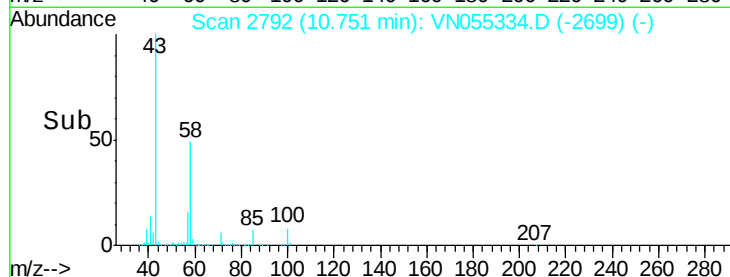
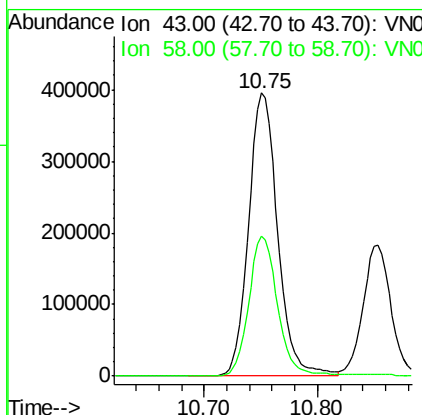
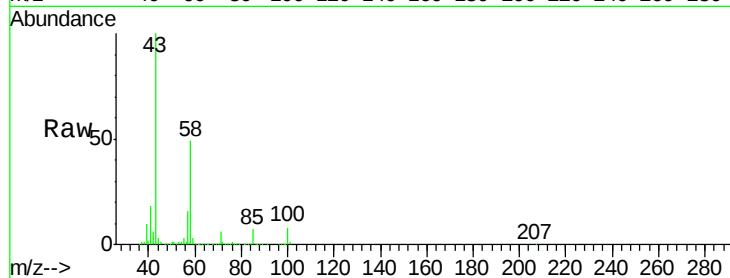




#59
2-Hexanone
Concen: 270.798 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

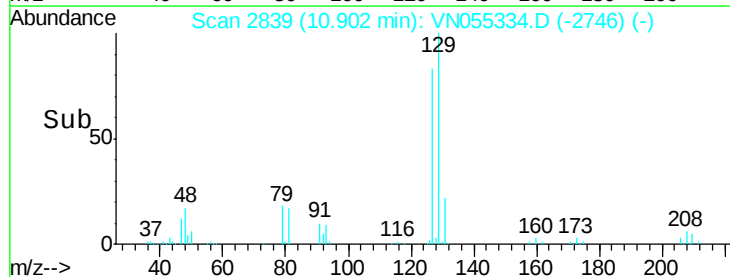
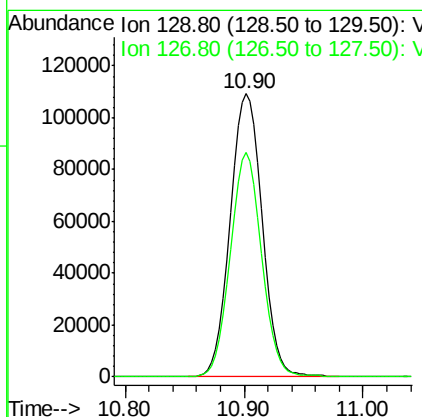
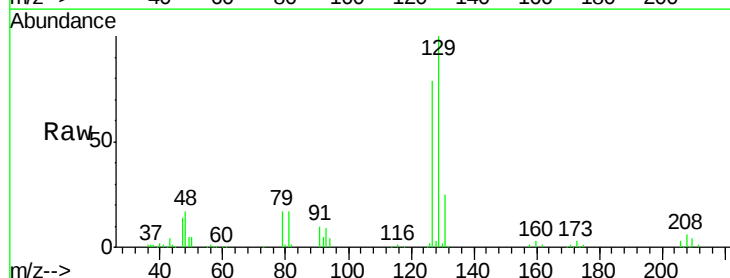
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

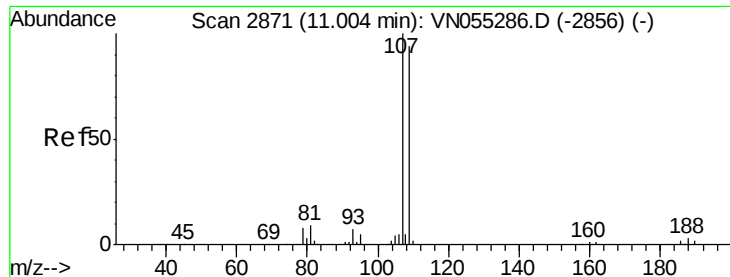
Tot Ion: 43 Resp: 705094
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6



#60
Dibromochloromethane
Concen: 52.918 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 129 Resp: 203859
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 52.039 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

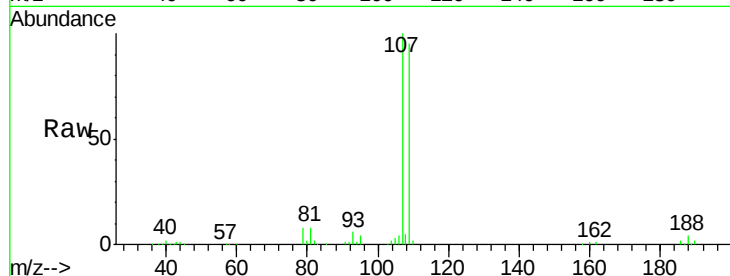
VSTDCCC050EC

Tot Ion: 107 Resp: 181299

Ion Ratio Lower Upper

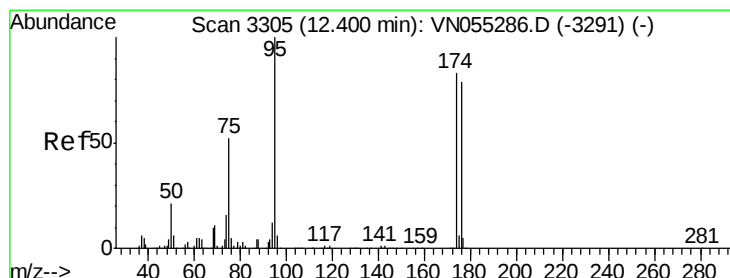
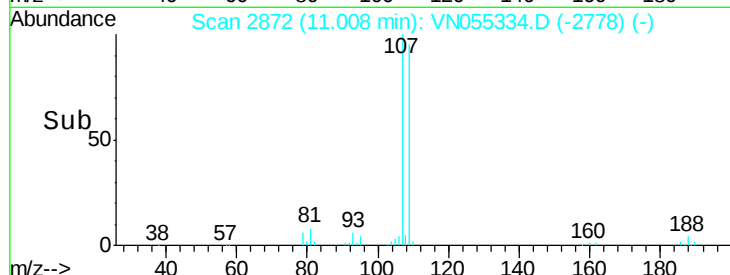
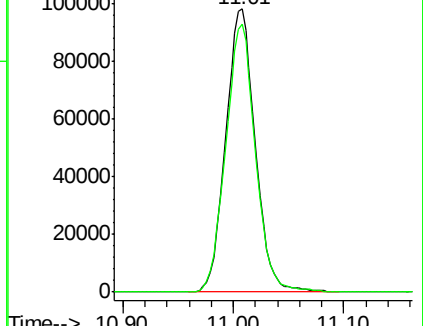
107 100

109 95.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.015 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

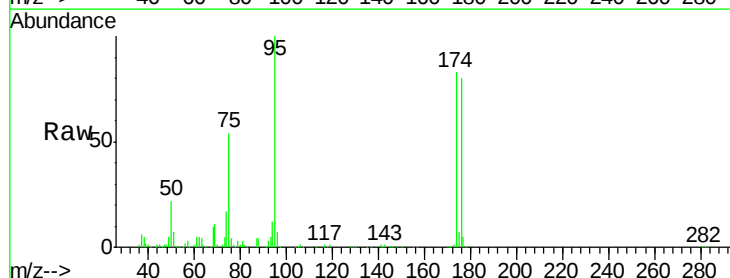
Tgt Ion: 95 Resp: 250673

Ion Ratio Lower Upper

95 100

174 83.4 0.0 166.6

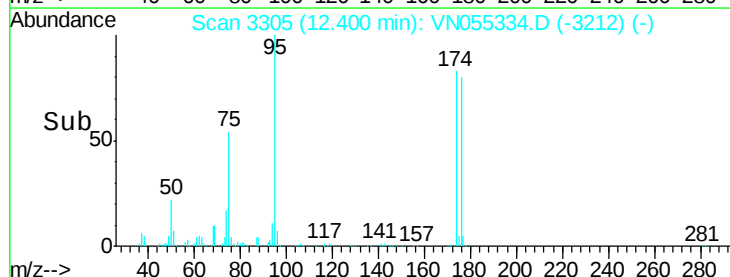
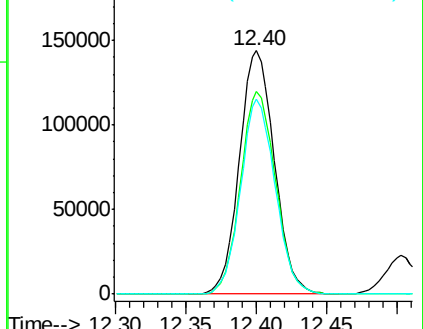
176 79.2 0.0 157.8

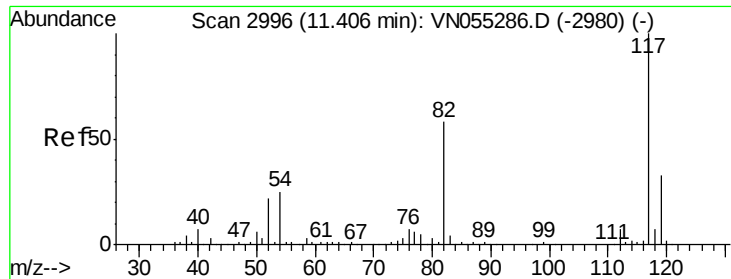


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

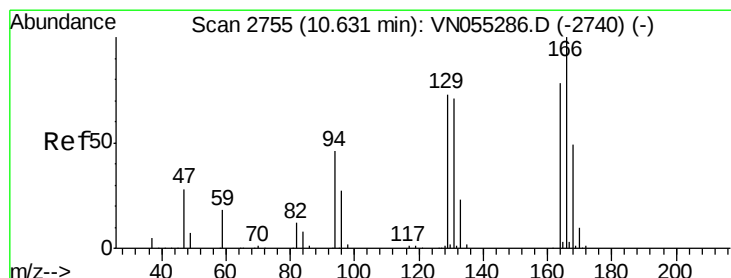
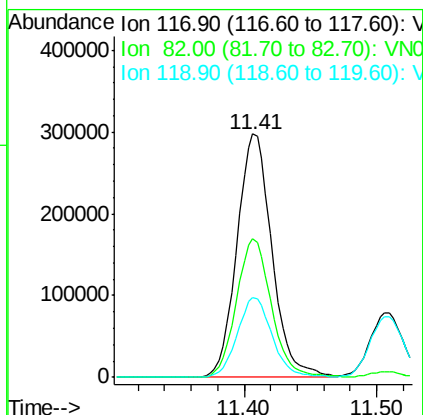
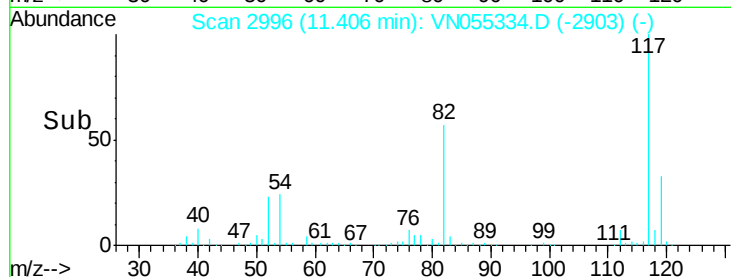
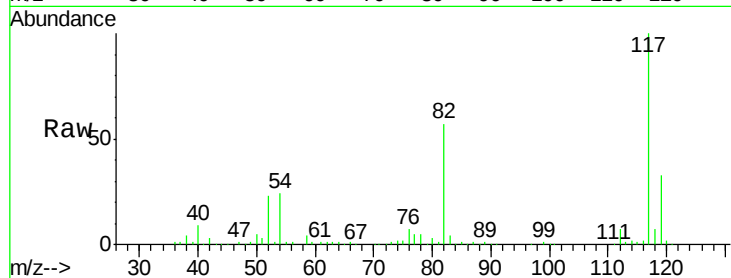




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

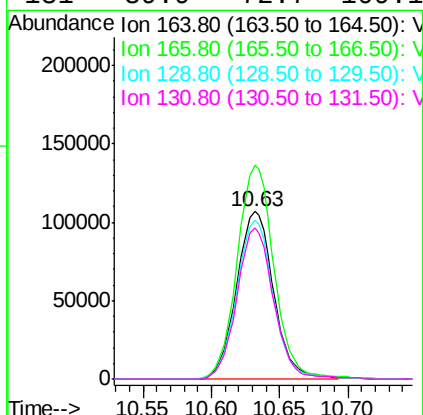
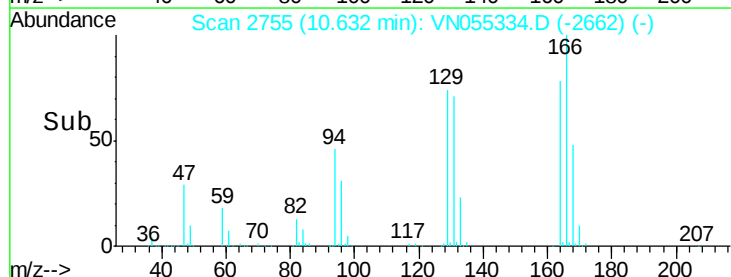
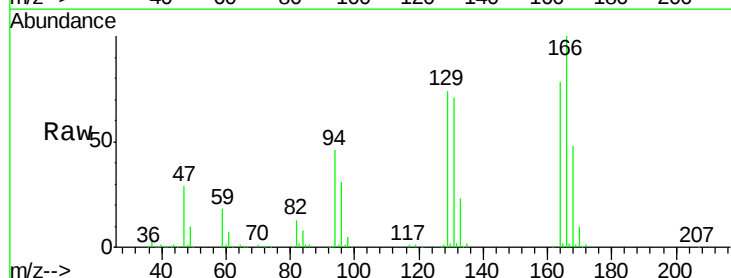
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

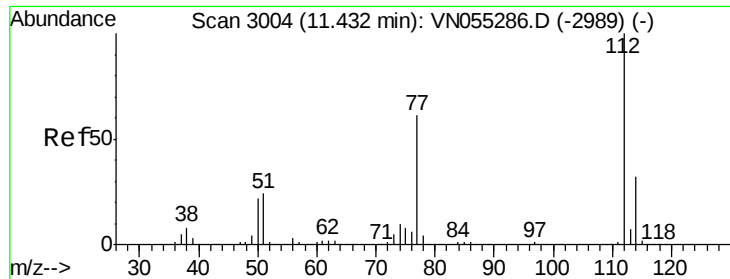
Tot Ion:117 Resp: 545449
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 33.0 26.6 40.0



#64
Tetrachloroethene
Concen: 44.983 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion:164 Resp: 200649
Ion Ratio Lower Upper
164 100
166 127.5 102.3 153.5
129 94.9 75.0 112.6
131 89.9 72.7 109.1

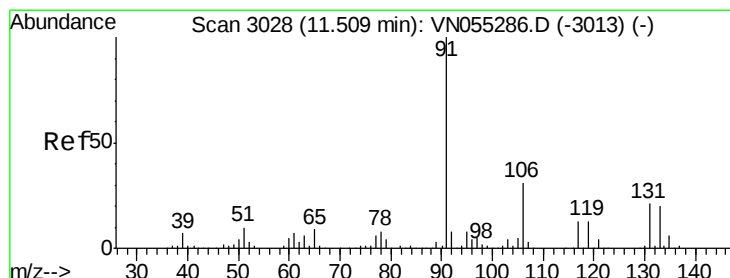
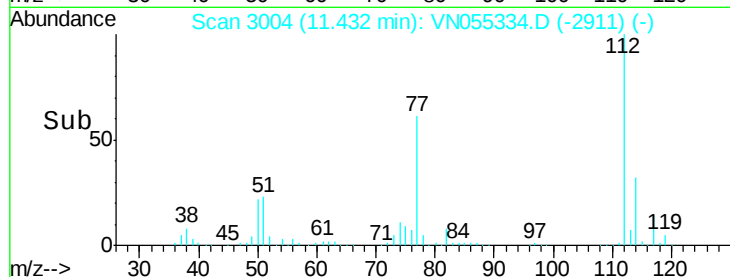
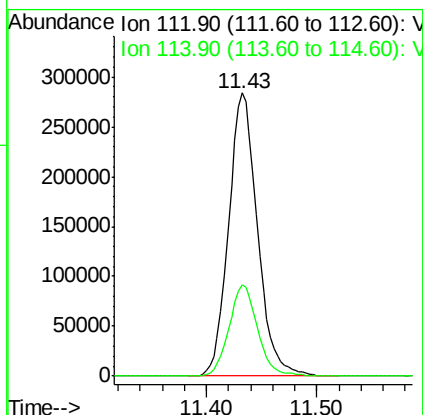
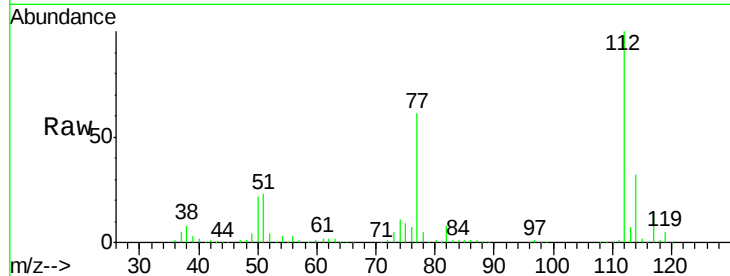




#65
Chlorobenzene
Concen: 48.284 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

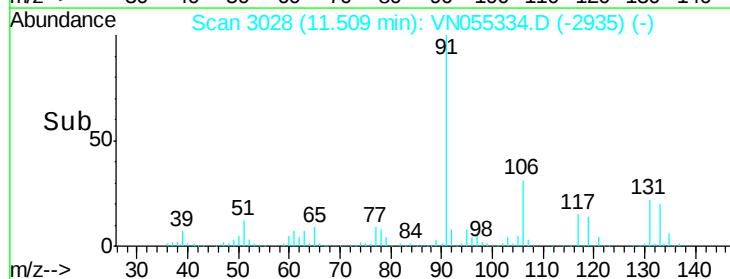
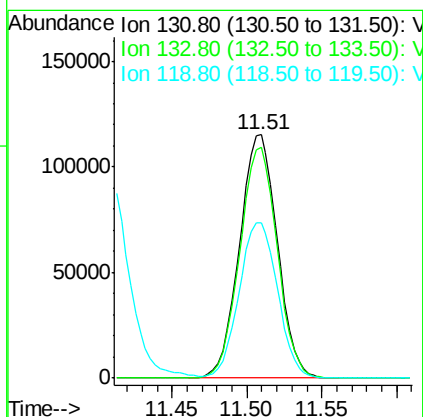
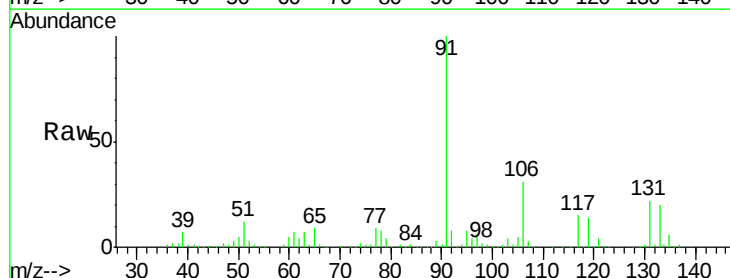
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

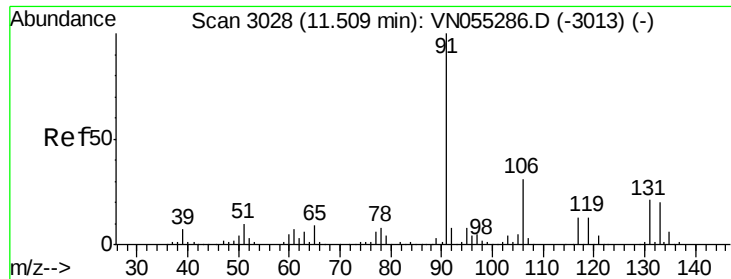
Tot Ion:112 Resp: 514919
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.551 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion:131 Resp: 202738
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 65.1 32.7 98.1

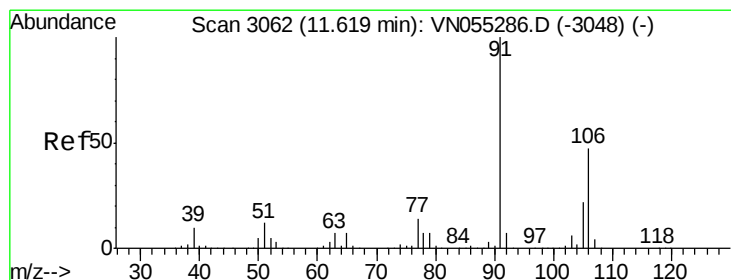
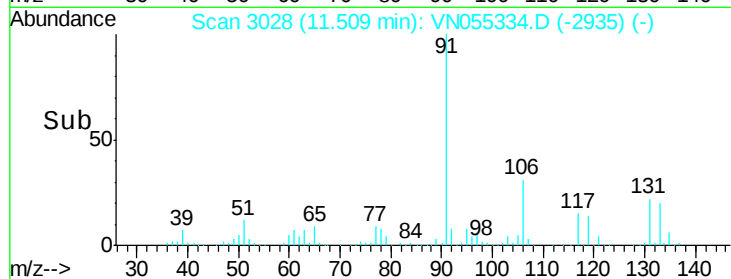
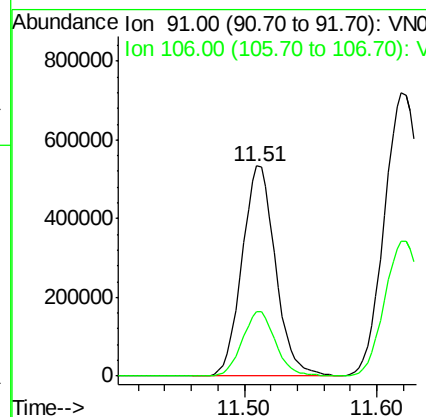
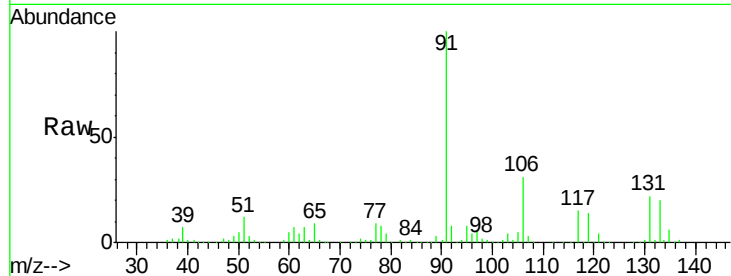




#67
Ethyl Benzene
Concen: 48.659 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

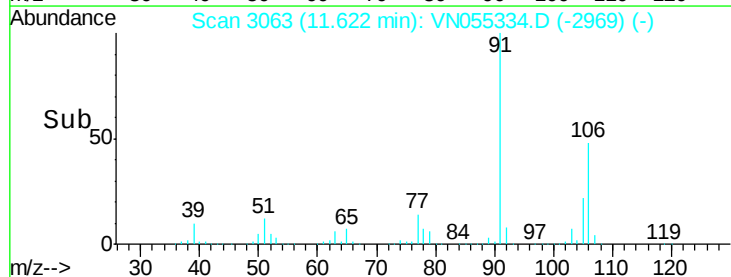
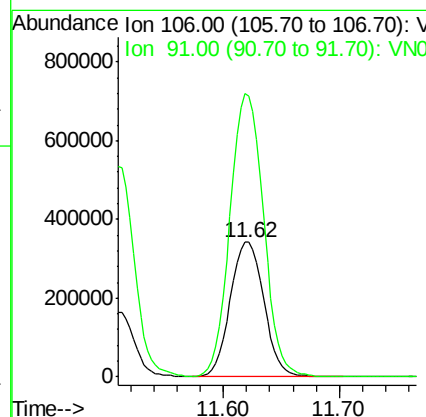
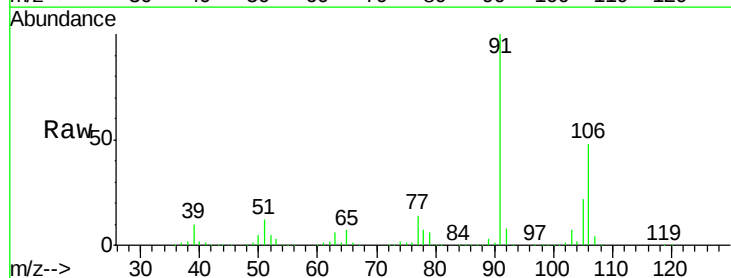
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

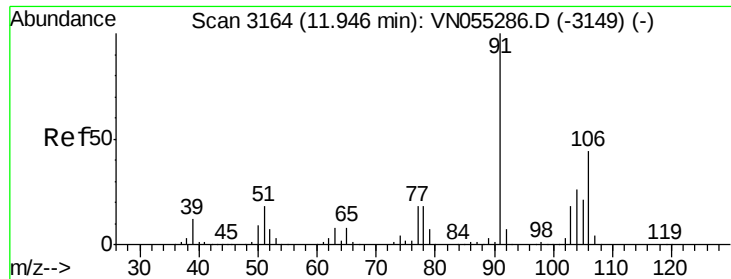
Tot Ion: 91 Resp: 937056
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 100.503 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion: 106 Resp: 690841
Ion Ratio Lower Upper
106 100
91 209.0 169.5 254.3

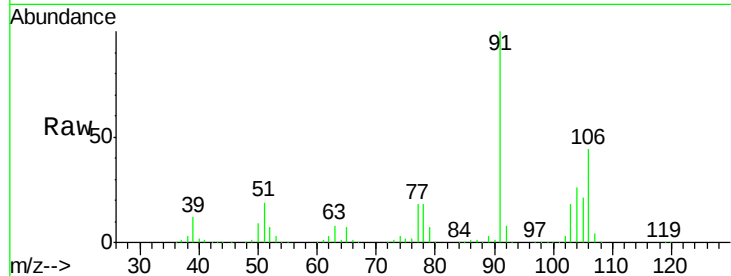




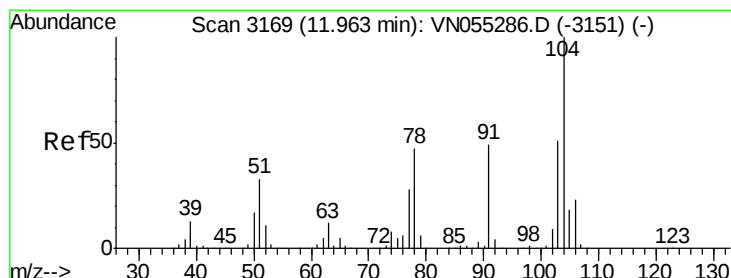
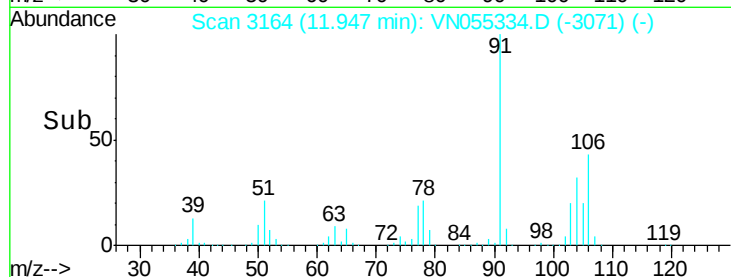
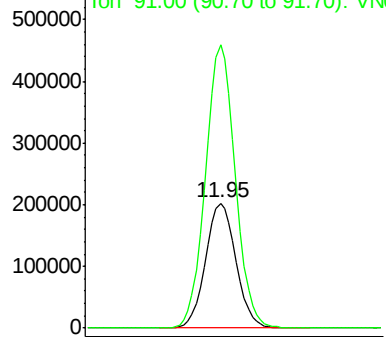
#69
o-Xylene
Concen: 49.966 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 340425
Ion Ratio Lower Upper
106 100
91 221.9 111.5 334.5

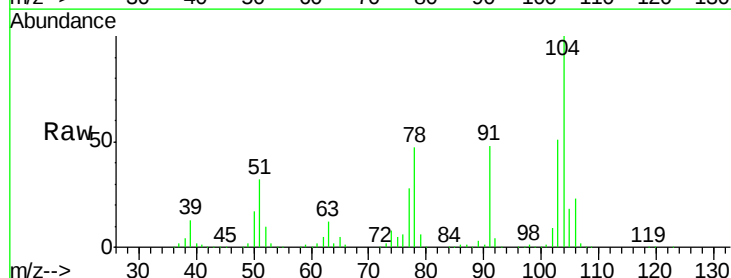


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

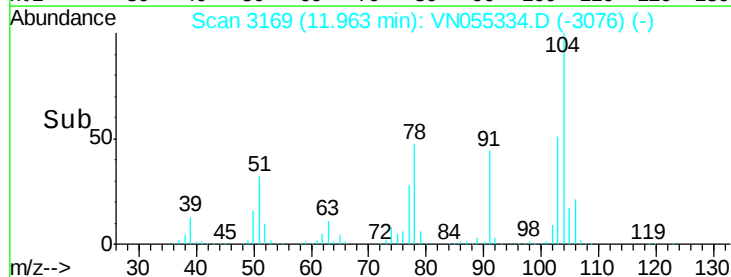
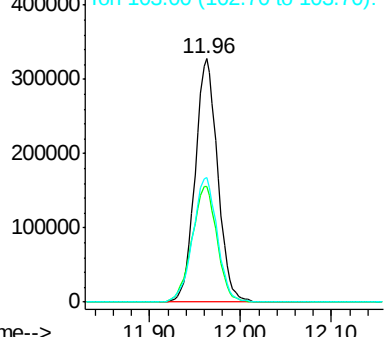


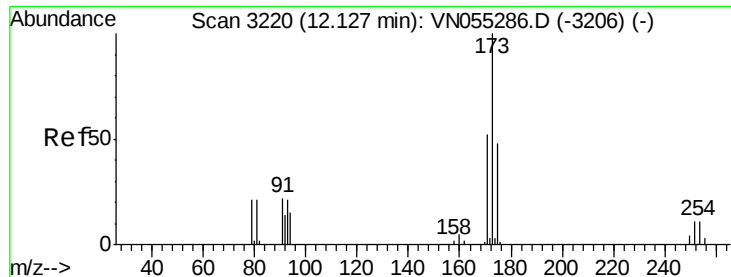
#70
Styrene
Concen: 53.900 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055334.D
Acq: 1 May 2019 17:36

Tgt Ion:104 Resp: 563842
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.2
103 55.6 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.215 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

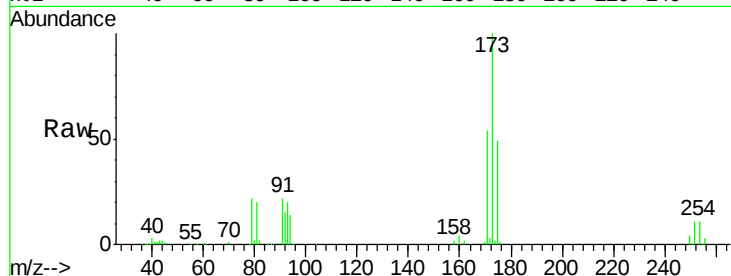
Tot Ion:173 Resp: 127938

Ion Ratio Lower Upper

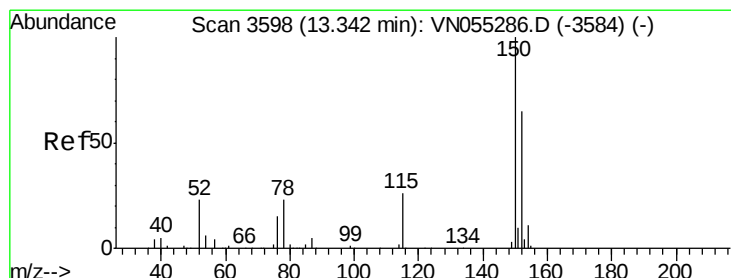
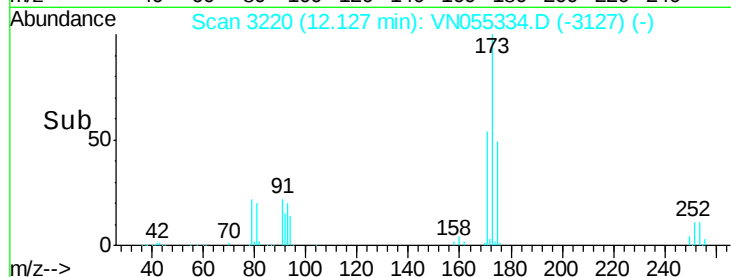
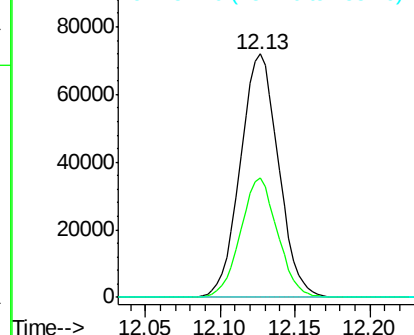
173 100

175 47.6 23.6 71.0

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

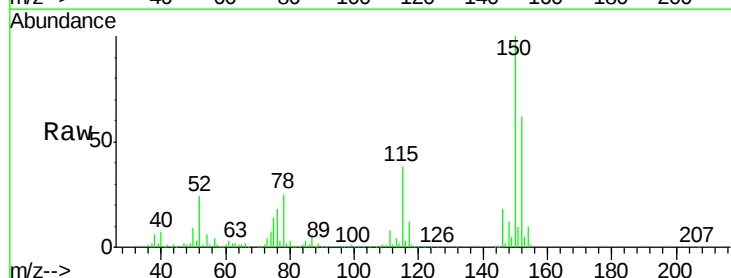
Tgt Ion:152 Resp: 215174

Ion Ratio Lower Upper

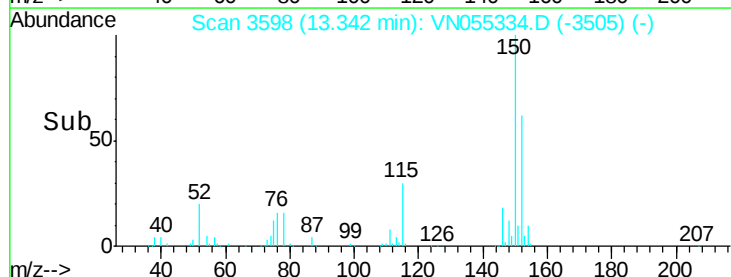
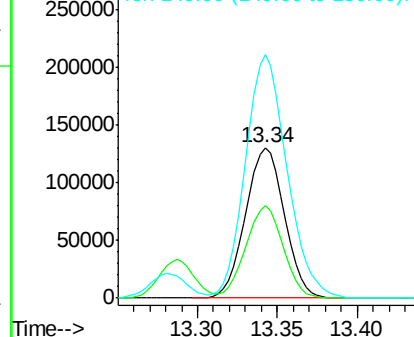
152 100

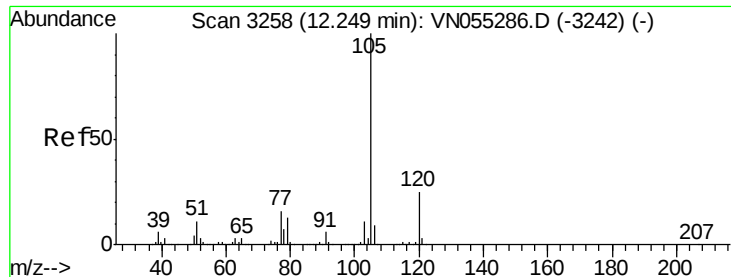
115 58.7 29.0 87.0

150 173.3 0.0 345.6



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





#73

Isopropylbenzene

Concen: 51.892 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

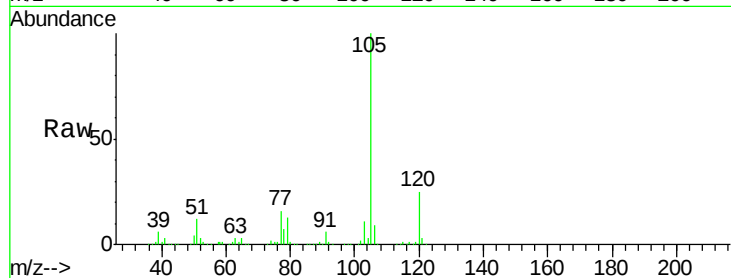
VSTDCCC050EC

Tot Ion:105 Resp: 886408

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600000

500000

400000

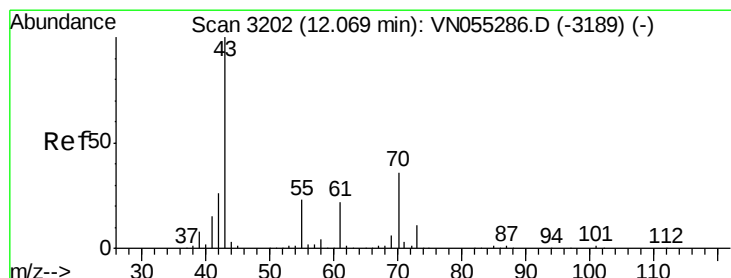
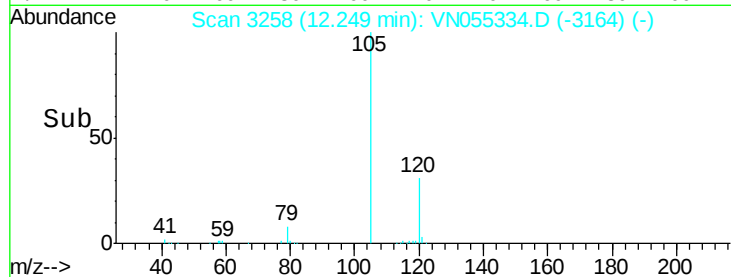
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 54.144 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Tgt Ion: 43 Resp: 298991

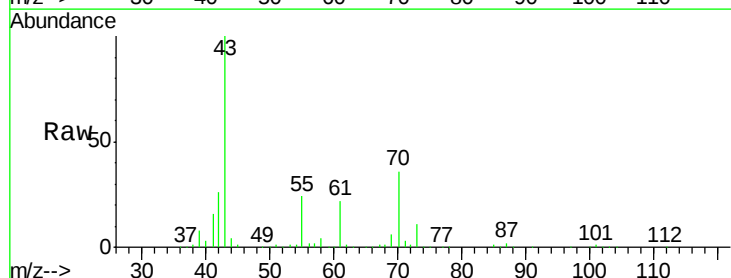
Ion Ratio Lower Upper

43 100

70 35.6 27.9 41.9

55 23.4 18.2 27.2

61 22.1 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

250000

200000

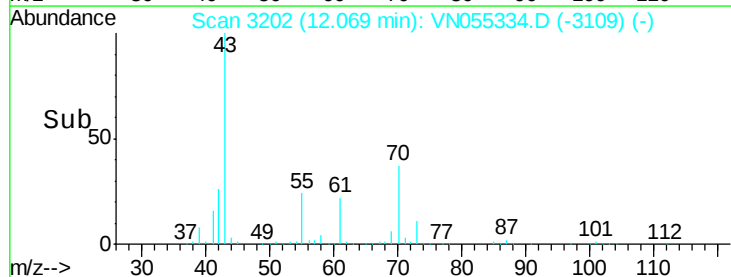
150000

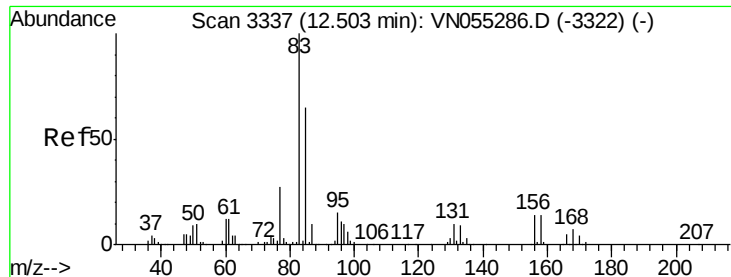
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.429 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

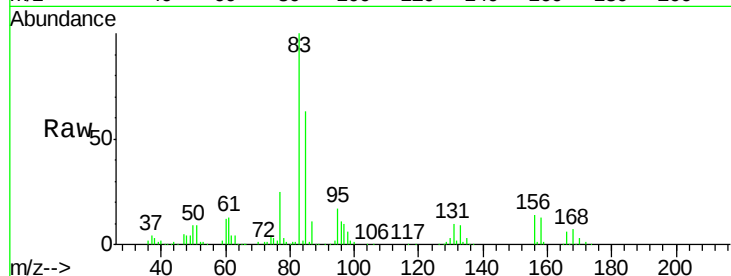
Tot Ion: 83 Resp: 234842

Ion Ratio Lower Upper

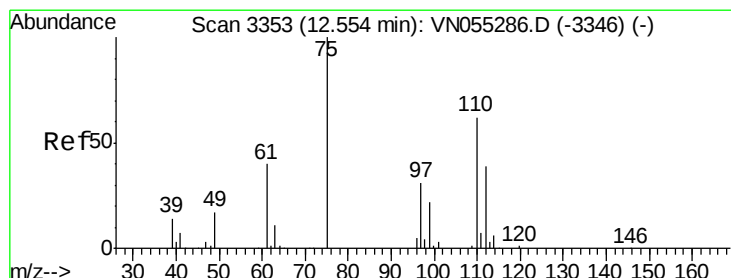
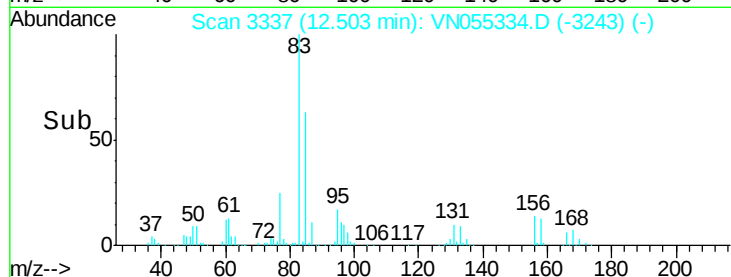
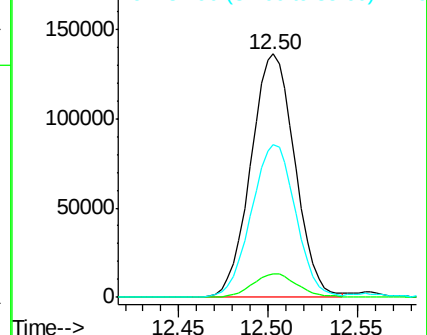
83 100

131 10.0 5.1 15.2

85 63.2 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 71.093 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055334.D

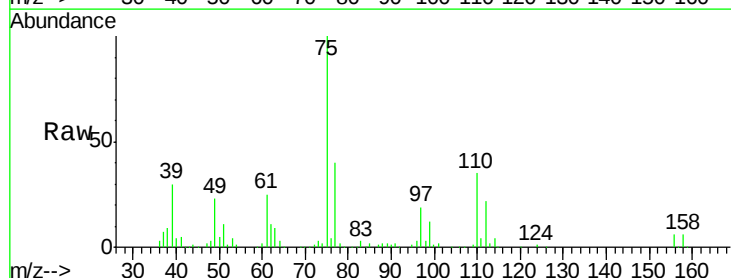
Acq: 1 May 2019 17:36

Tgt Ion: 75 Resp: 280092

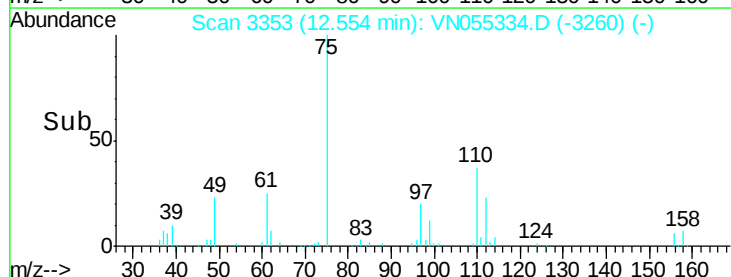
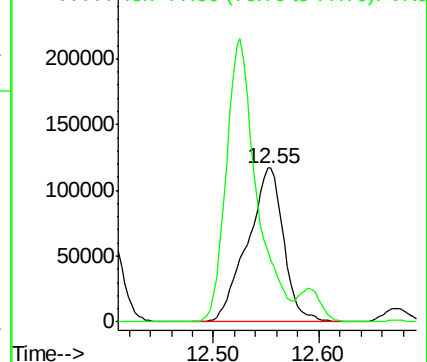
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 53.540 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

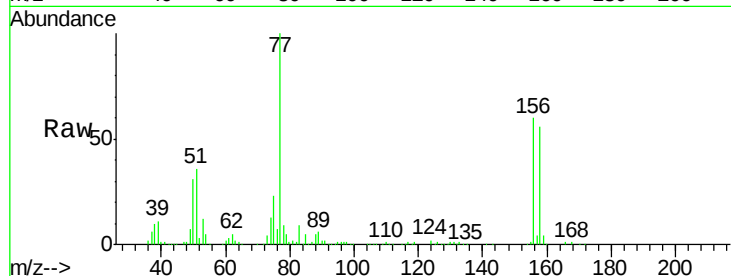
Tot Ion:156 Resp: 219126

Ion Ratio Lower Upper

156 100

77 195.4 99.6 298.8

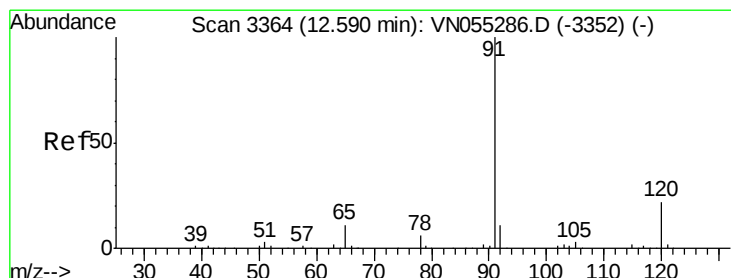
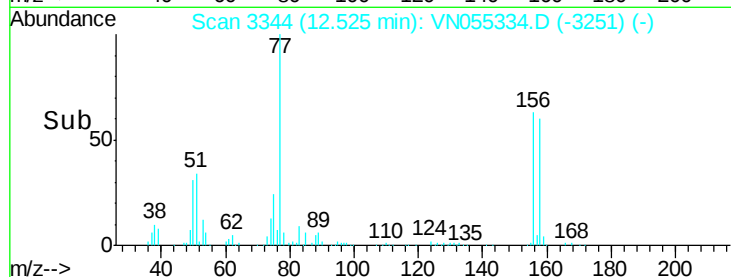
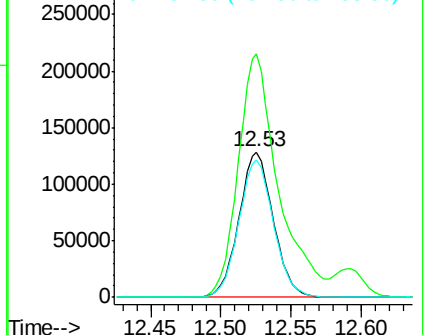
158 96.0 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.040 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055334.D

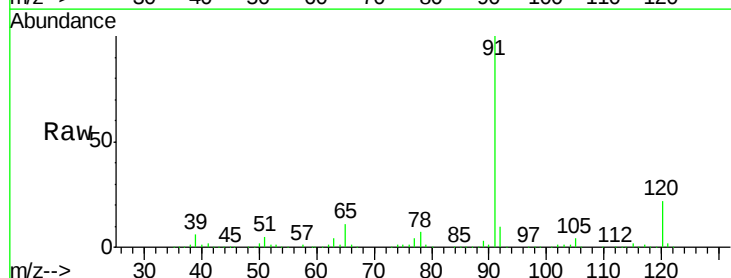
Acq: 1 May 2019 17:36

Tgt Ion: 91 Resp: 973418

Ion Ratio Lower Upper

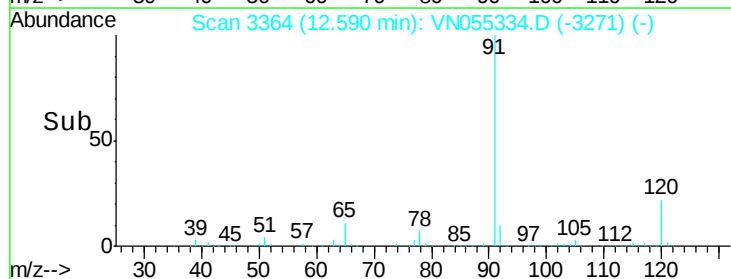
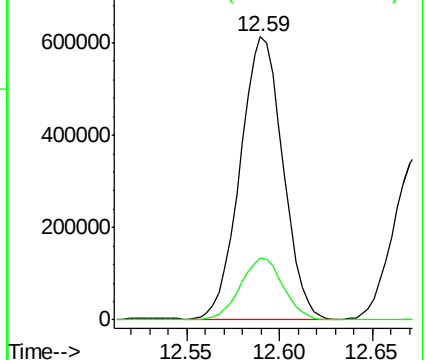
91 100

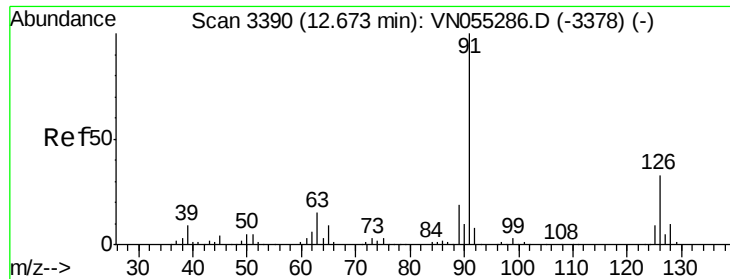
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

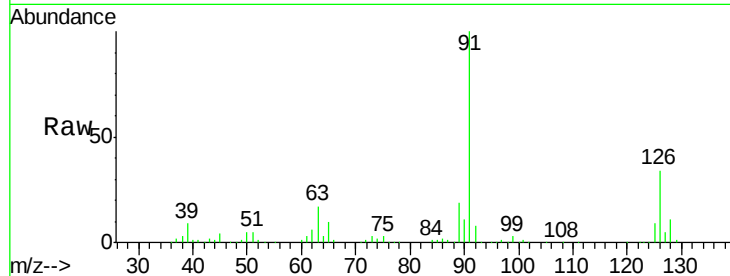




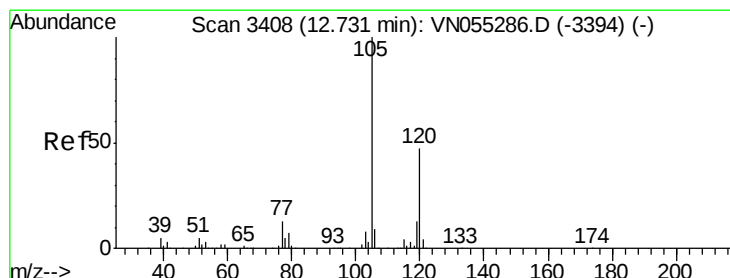
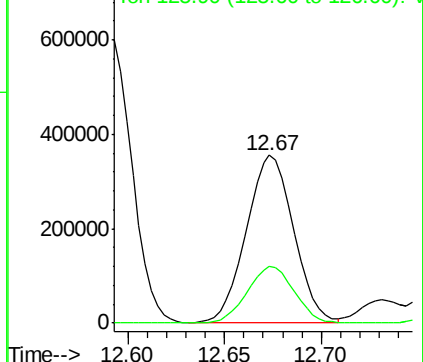
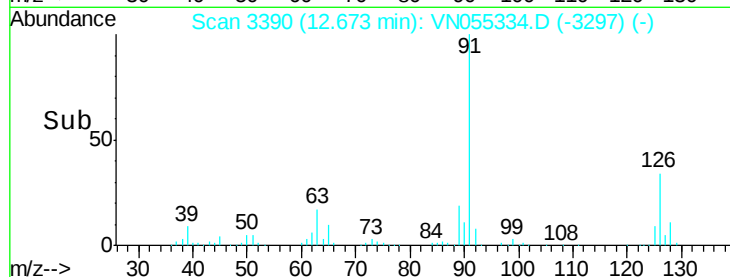
#79
 2-Chlorotoluene
 Concen: 51.617 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 600923
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.6 49.7

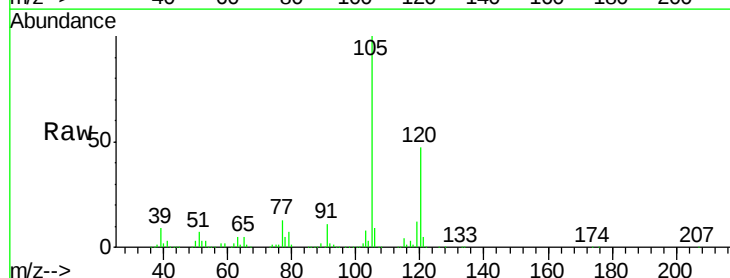


Abundance Ion 91.00 (90.70 to 91.70): VN055334.D (-3297) (-)
 Ion 125.90 (125.60 to 126.60): VN055334.D (-3297) (-)

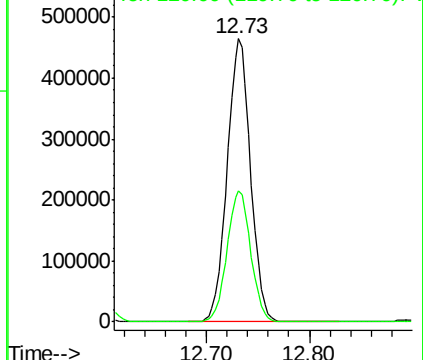
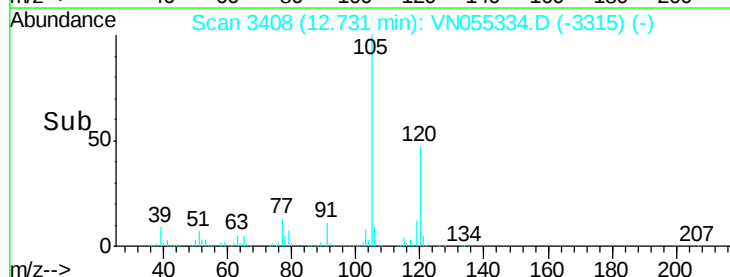


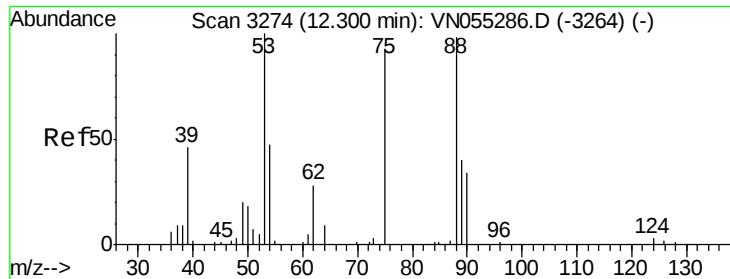
#80
 1,3,5-Trimethylbenzene
 Concen: 43.328 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Tgt Ion: 105 Resp: 730894
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055334.D (-3315) (-)
 Ion 120.00 (119.70 to 120.70): VN055334.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.755 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

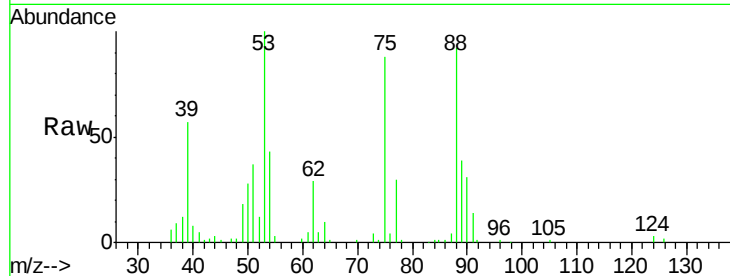
Tot Ion: 75 Resp: 55359

Ion Ratio Lower Upper

75 100

53 114.5 86.3 129.5

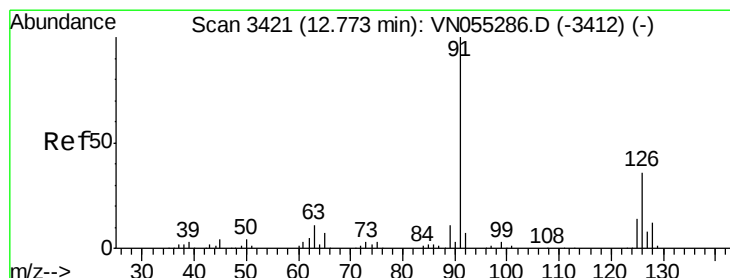
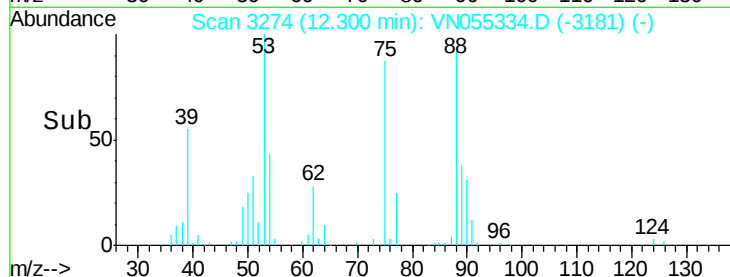
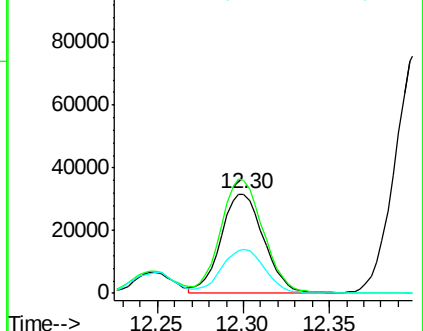
89 44.2 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055286.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055286.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 45.248 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055334.D

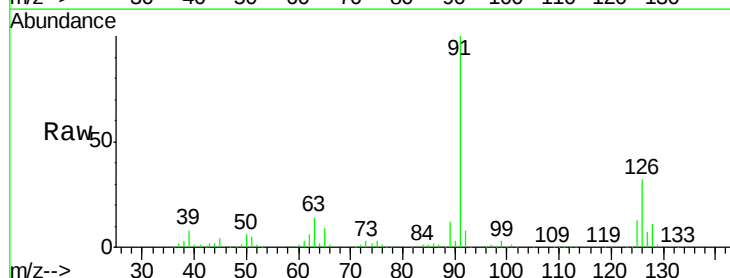
Acq: 1 May 2019 17:36

Tgt Ion: 91 Resp: 581503

Ion Ratio Lower Upper

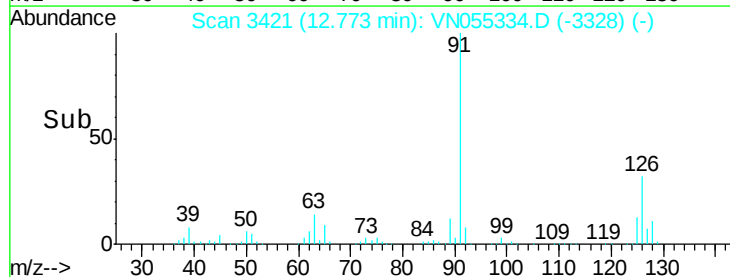
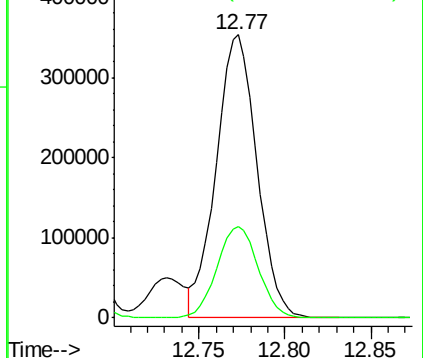
91 100

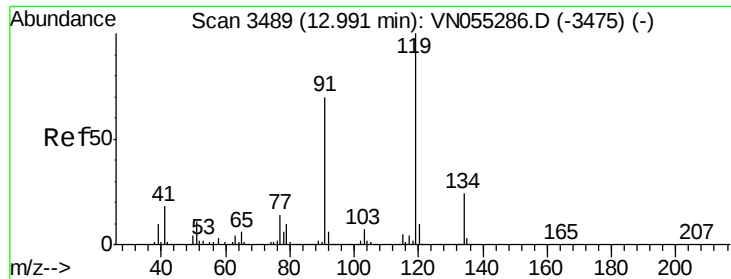
126 32.7 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055286.D (-3412) (-)

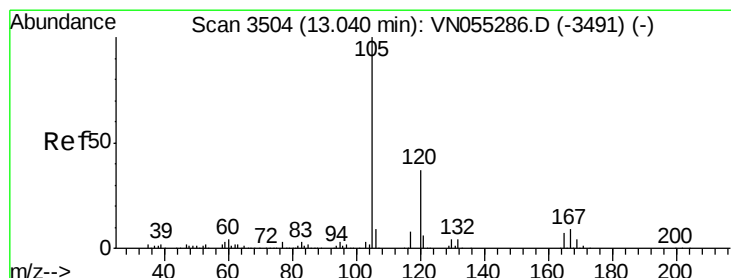
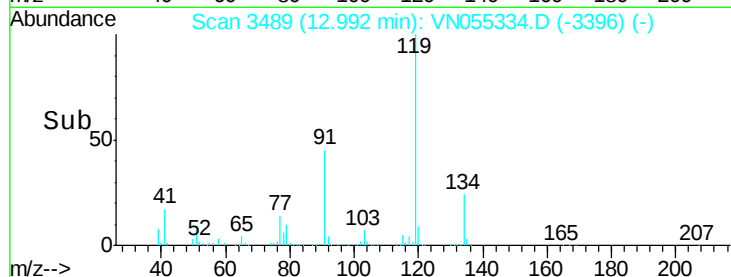
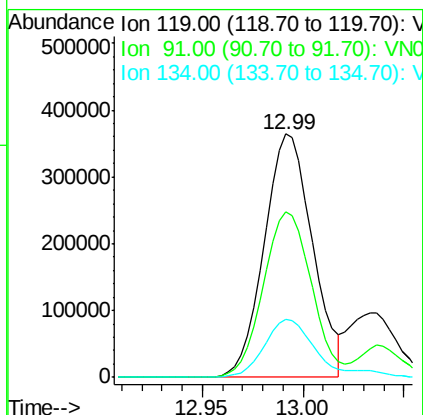
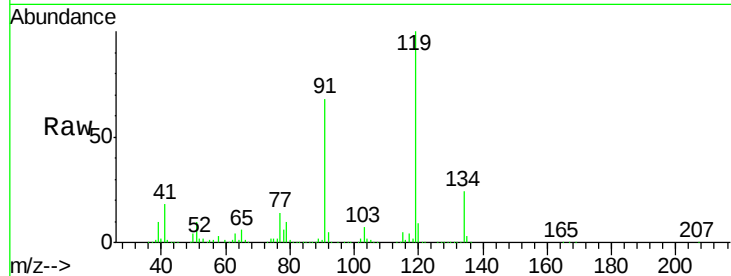




#83
 tert-Butylbenzene
 Concen: 50.788 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

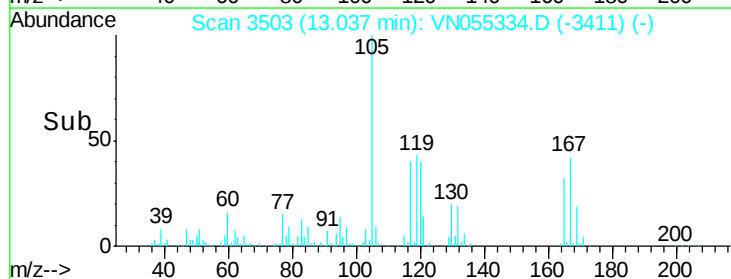
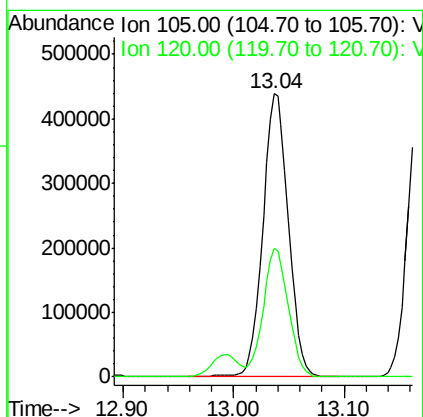
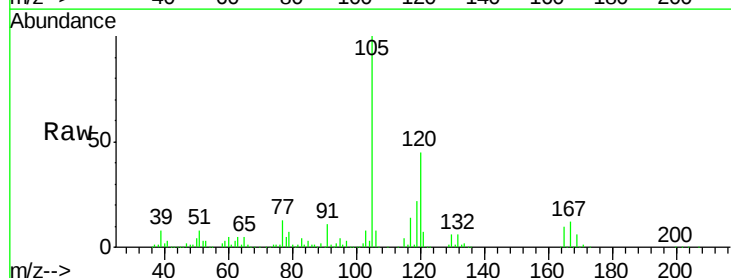
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

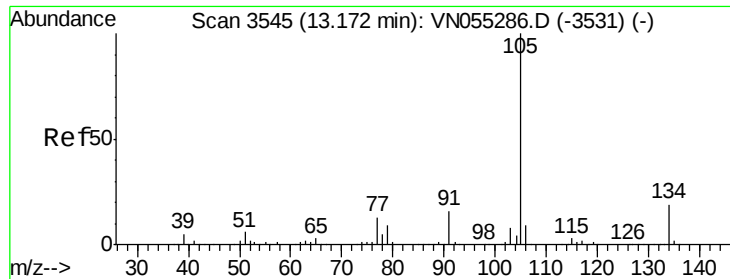
Tot Ion:119 Resp: 605872
 Ion Ratio Lower Upper
 119 100
 91 67.9 34.3 102.9
 134 24.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 46.529 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Tgt Ion:105 Resp: 701974
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5

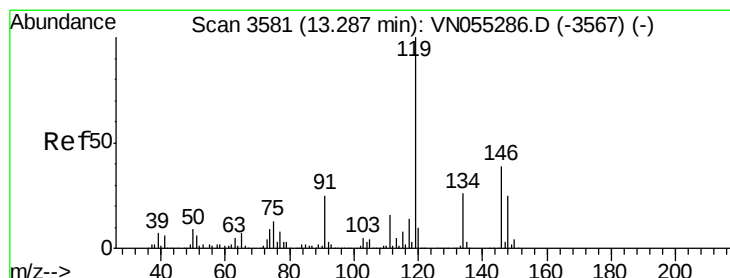
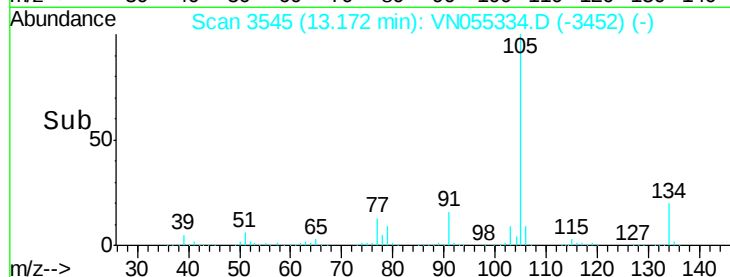
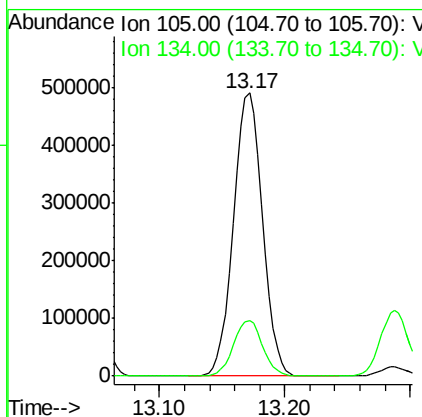
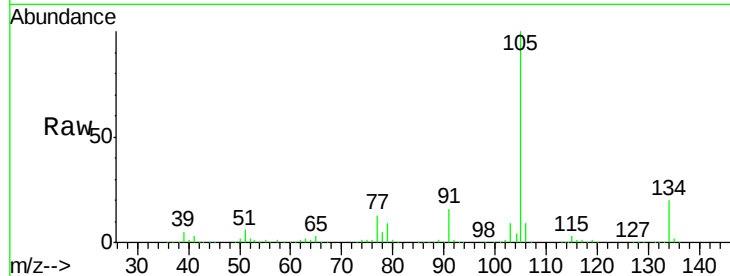




#85
 sec-Butylbenzene
 Concen: 43.002 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

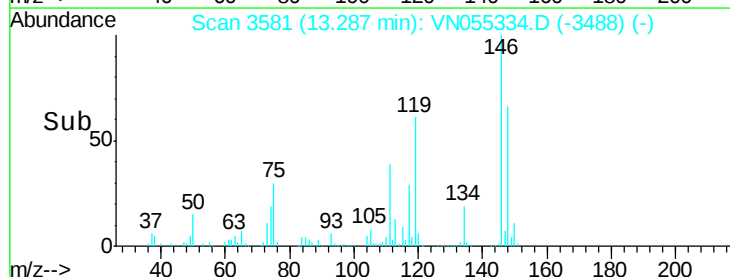
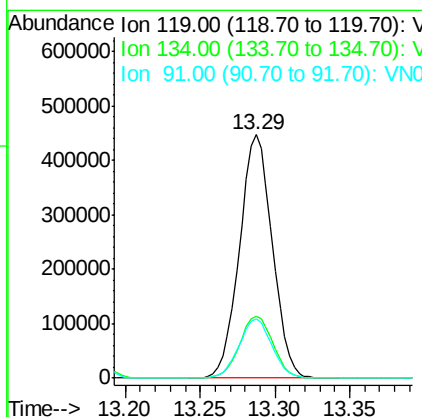
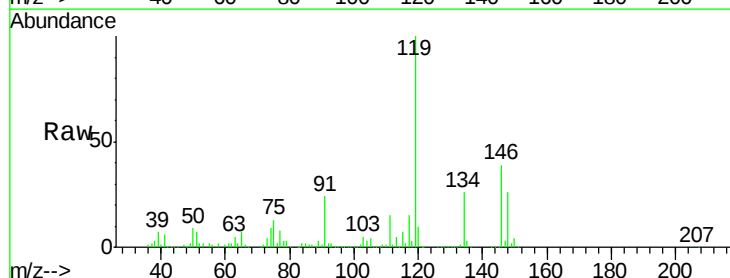
Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

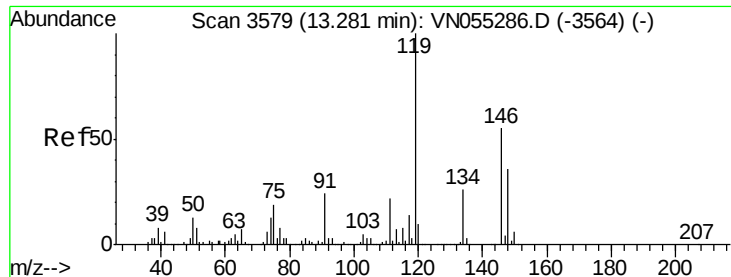
Tot Ion:105 Resp: 788448
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 45.129 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Tgt Ion:119 Resp: 680089
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 24.5 12.2 36.6

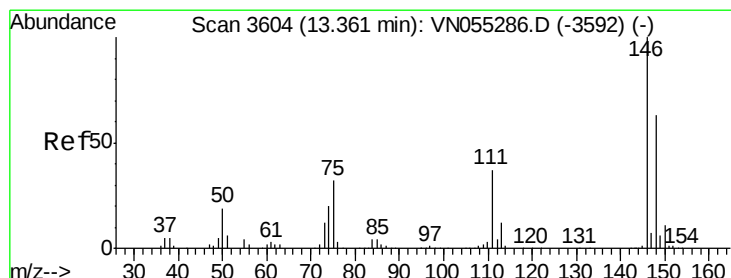
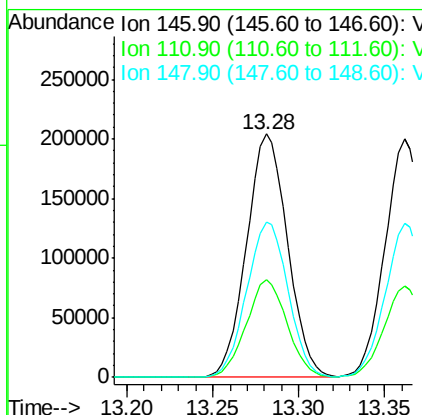
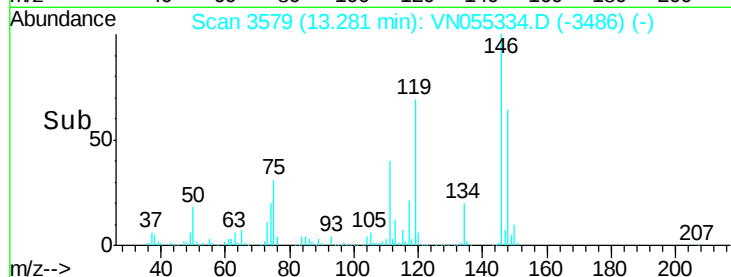
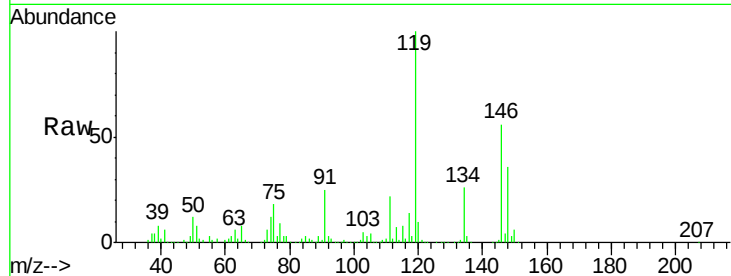




#87
 1,3-Dichlorobenzene
 Concen: 46.898 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

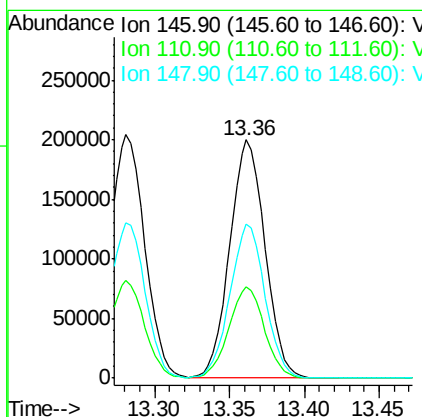
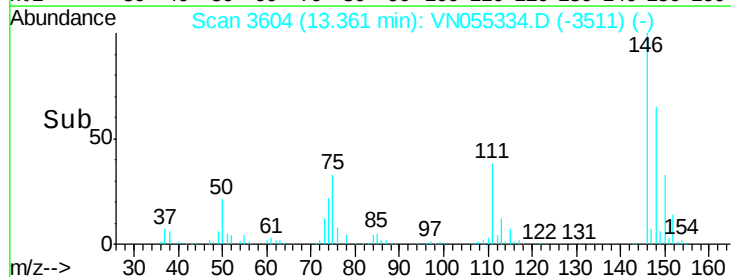
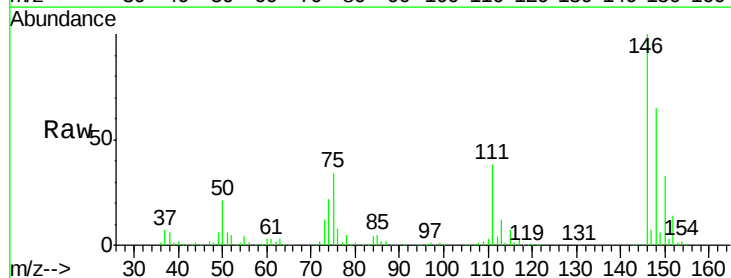
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

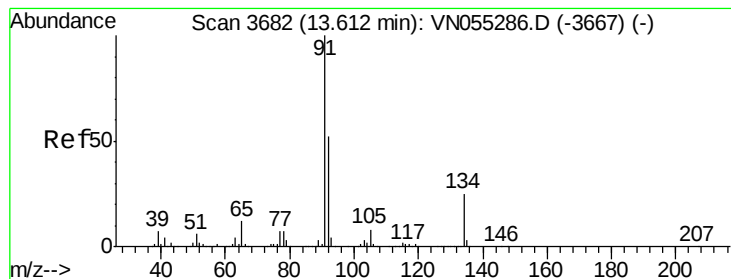
Tot Ion:146 Resp: 337681
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 64.3 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 48.402 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Tgt Ion:146 Resp: 328201
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 64.2 32.5 97.4





#89

n-Butylbenzene

Concen: 49.274 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

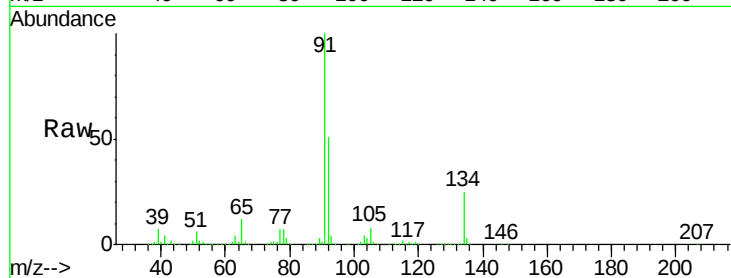
Tot Ion: 91 Resp: 527638

Ion Ratio Lower Upper

91 100

92 51.2 26.1 78.3

134 24.3 12.4 37.4

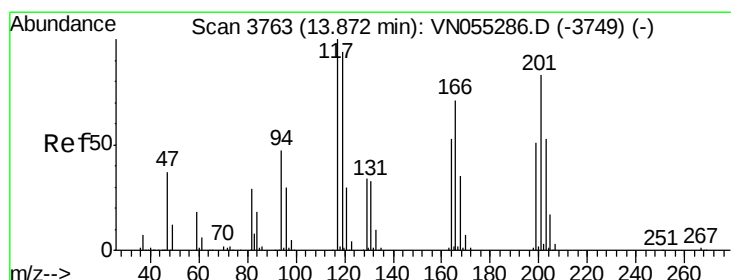
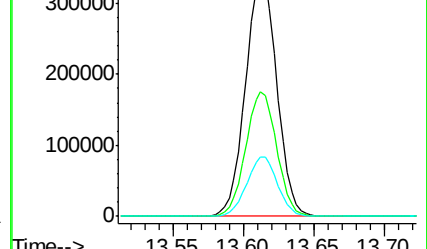
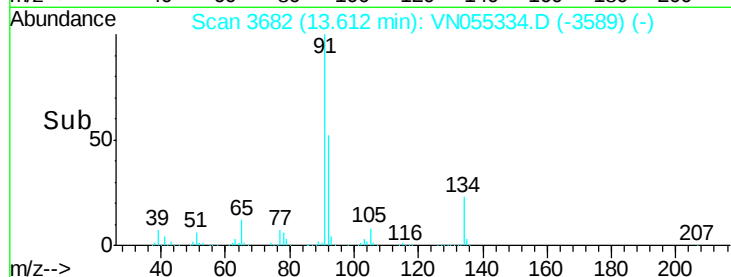


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 48.927 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055334.D

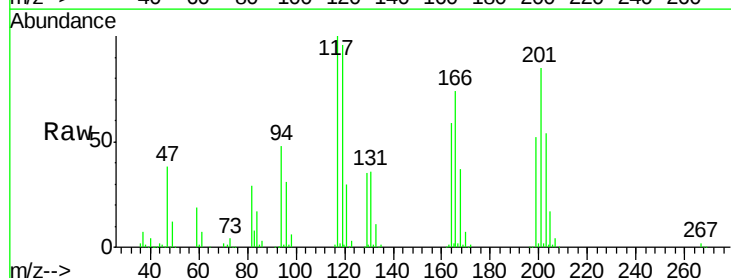
Acq: 1 May 2019 17:36

Tgt Ion: 117 Resp: 116825

Ion Ratio Lower Upper

117 100

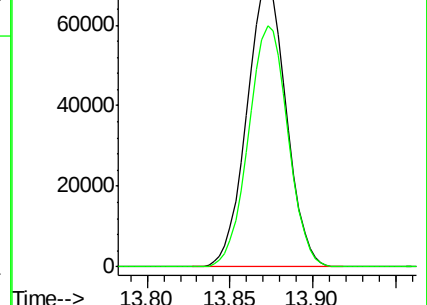
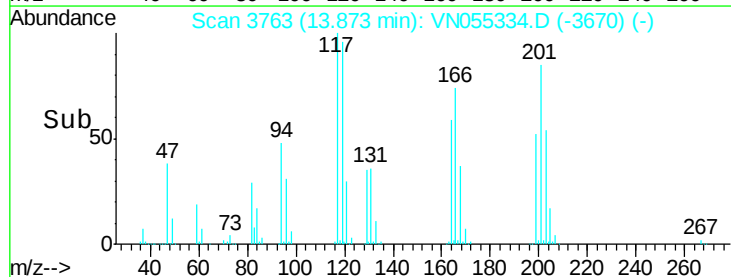
201 85.0 41.9 125.8

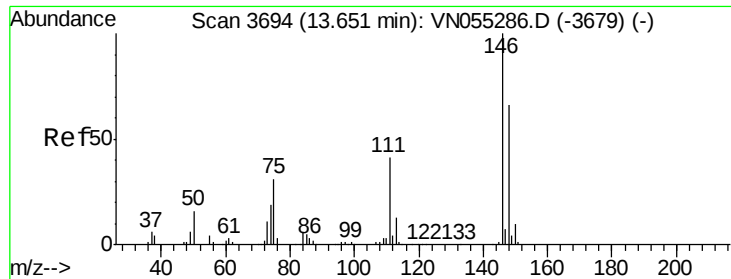


Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 47.192 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

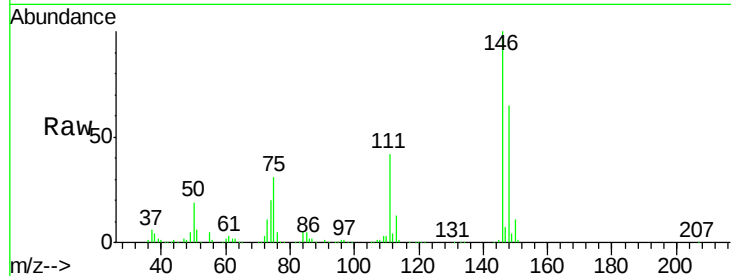
Tot Ion:146 Resp: 336784

Ion Ratio Lower Upper

146 100

111 41.0 20.3 61.0

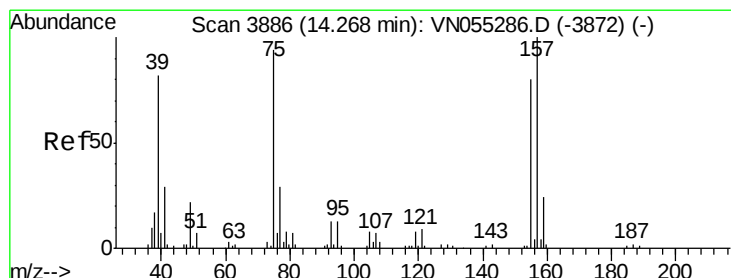
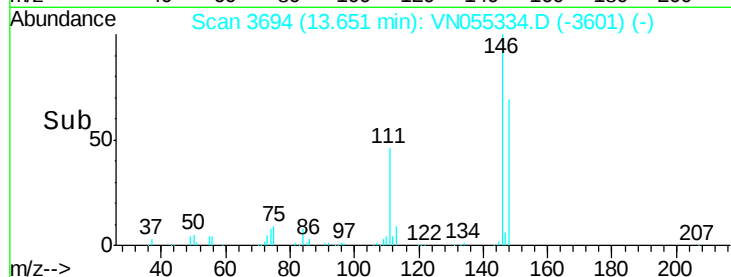
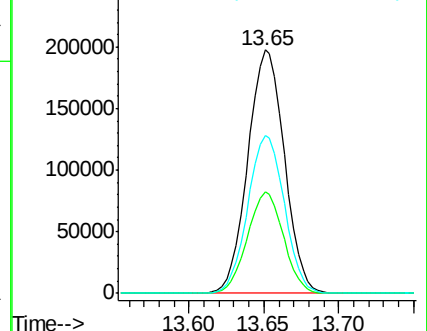
148 64.7 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.475 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

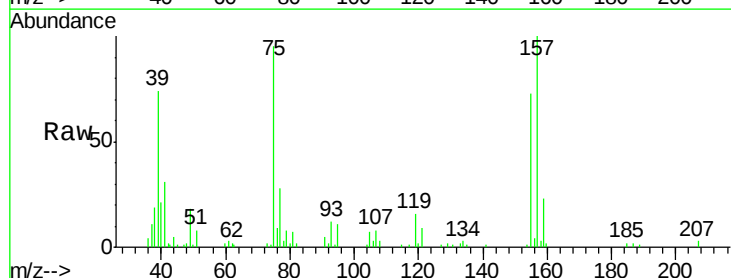
Tgt Ion: 75 Resp: 31970

Ion Ratio Lower Upper

75 100

155 82.2 41.5 124.6

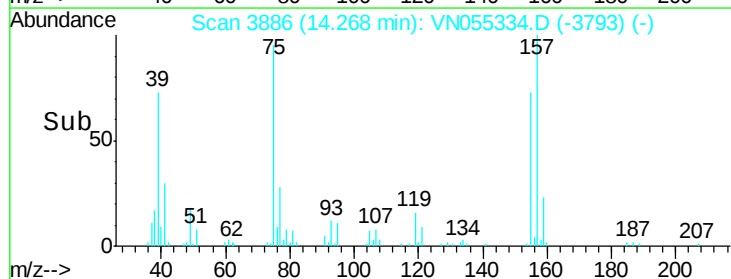
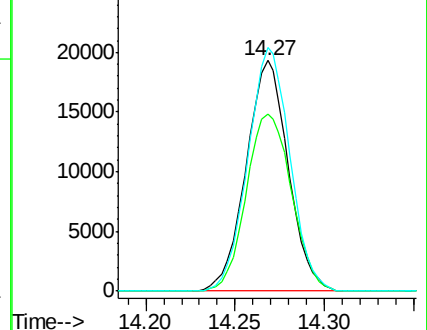
157 105.1 54.0 162.2

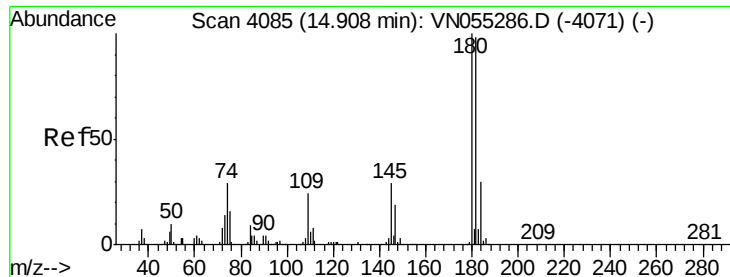


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

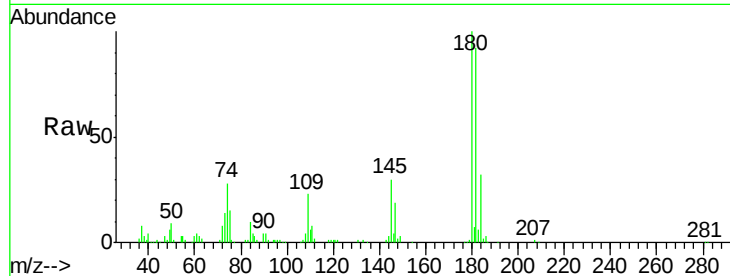




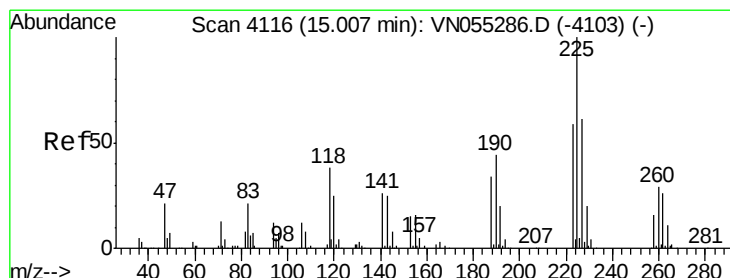
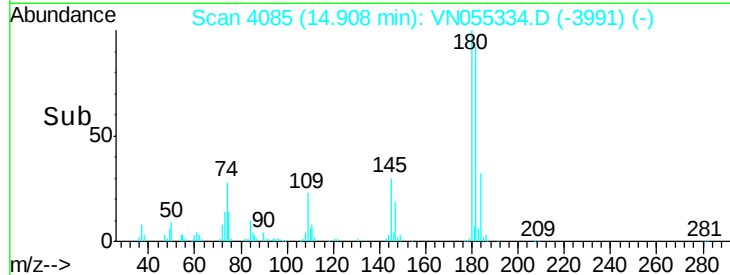
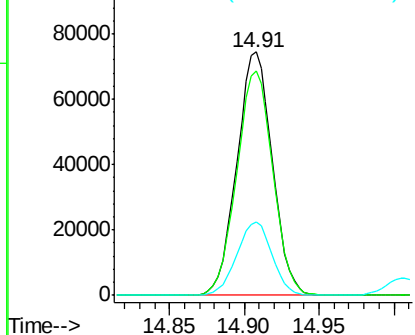
#93
 1,2,4-Trichlorobenzene
 Concen: 44.046 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.3	144.9
145	30.0	14.2	42.6

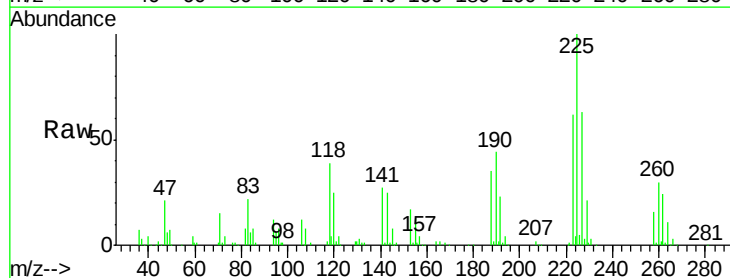


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

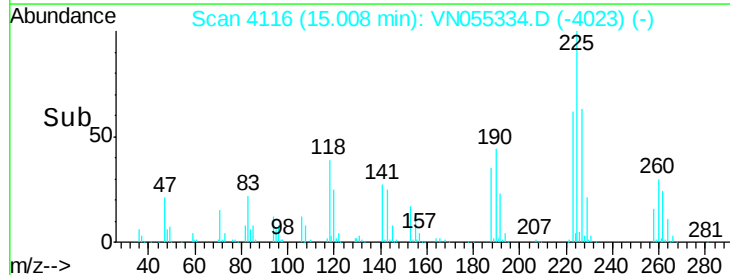
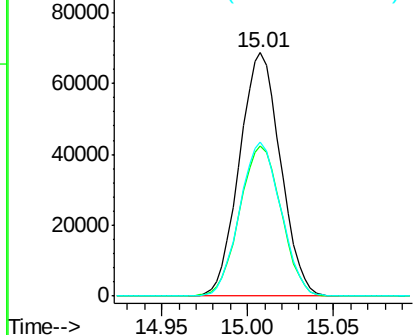


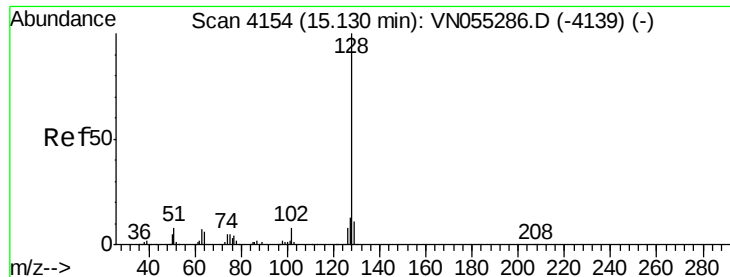
#94
 Hexachlorobutadiene
 Concen: 53.191 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055334.D
 Acq: 1 May 2019 17:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.3	90.8
227	63.2	30.9	92.7



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





#95

Naphthalene

Concen: 42.951 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

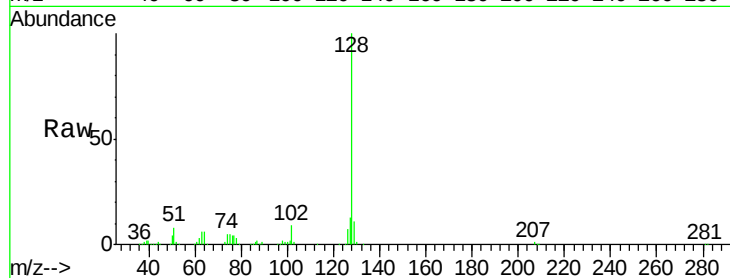
Tot Ion:128 Resp: 253879

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

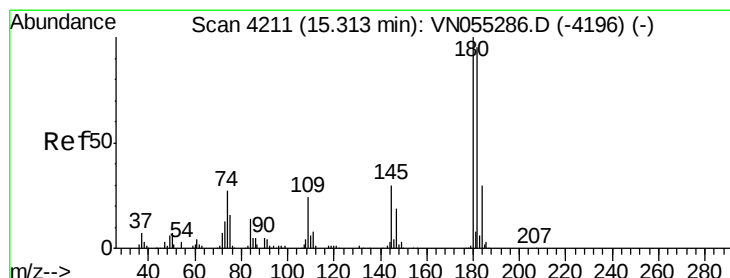
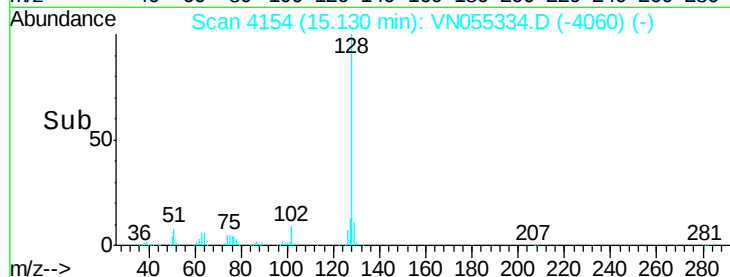
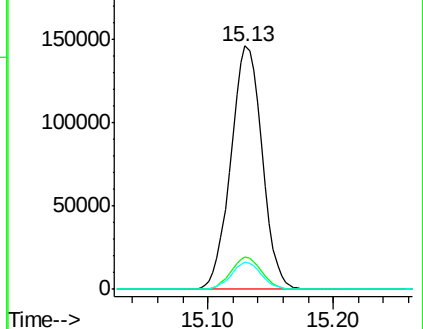
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.044 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055334.D

Acq: 1 May 2019 17:36

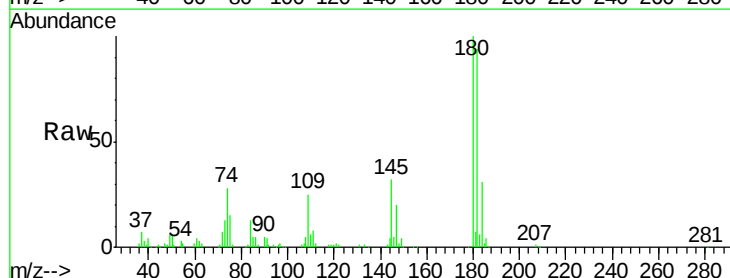
Tgt Ion:180 Resp: 124044

Ion Ratio Lower Upper

180 100

182 94.0 48.3 144.9

145 31.5 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

