

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055127.D
 Acq On : 18 Apr 2019 17:53
 Operator : JC/SP
 Sample : VN0418WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:31:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	392406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	654760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219171	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	270132	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	211566	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
50) Toluene-d8	10.09	98	762183	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	250400	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	81269	18.224	ug/l	99
3) Chloromethane	2.06	50	103974	17.876	ug/l	98
4) Vinyl Chloride	2.19	62	85240	17.435	ug/l	100
5) Bromomethane	2.56	94	43137	15.597	ug/l	97
6) Chloroethane	2.70	64	47972	18.196	ug/l	99
7) Trichlorofluoromethane	3.01	101	124340	20.336	ug/l	100
8) Diethyl Ether	3.41	74	49779	25.505	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	73567	22.992	ug/l	98
10) Methyl Iodide	3.95	142	95566	19.246	ug/l	93
11) Tert butyl alcohol	4.79	59	39631	138.614	ug/l	99
12) 1,1-Dichloroethene	3.74	96	72938	23.419	ug/l	92
13) Acrolein	3.61	56	30889	87.405	ug/l	98
14) Allyl chloride	4.33	41	146862	19.264	ug/l	99
15) Acrylonitrile	4.99	53	191978	112.228	ug/l	100
16) Acetone	3.82	43	144839	102.307	ug/l	92
17) Carbon Disulfide	4.06	76	169083	16.818	ug/l	99
18) Methyl Acetate	4.33	43	95764	23.236	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	236965	21.269	ug/l	95
20) Methylene Chloride	4.55	84	93306	18.748	ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	78947	18.742	ug/l	92
22) Diisopropyl ether	5.96	45	321887	20.539	ug/l	95
23) Vinyl Acetate	5.90	43	1129801	109.064	ug/l	100
24) 1,1-Dichloroethane	5.85	63	167383	20.056	ug/l	100
25) 2-Butanone	6.84	43	236770	112.056	ug/l	98
26) 2,2-Dichloropropane	6.83	77	88219	16.748	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	95686	20.078	ug/l	96
28) Bromochloromethane	7.19	49	82287	20.454	ug/l	99
29) Tetrahydrofuran	7.21	42	166491	120.157	ug/l	98
30) Chloroform	7.37	83	159284	19.649	ug/l	99
31) Cyclohexane	7.66	56	147525	19.225	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	127605	19.868	ug/l	99
36) 1,1-Dichloropropene	7.79	75	114615	18.569	ug/l	99
37) Ethyl Acetate	6.93	43	100371	19.974	ug/l	99
38) Carbon Tetrachloride	7.78	117	103784	17.673	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	114725	17.153	ug/l	98
40) Benzene	8.04	78	351800	18.911	ug/l	100
41) Methacrylonitrile	7.18	41	62385	22.365	ug/l	96
42) 1,2-Dichloroethane	8.13	62	125204	19.385	ug/l	99
43) Isopropyl Acetate	8.17	43	180702	23.338	ug/l	99
44) Trichloroethene	8.84	130	88579	19.010	ug/l	97
45) 1,2-Dichloropropane	9.12	63	100875	19.444	ug/l	98
46) Dibromomethane	9.21	93	59308	20.084	ug/l	99
47) Bromodichloromethane	9.40	83	117220	19.254	ug/l	98
48) Methyl methacrylate	9.20	41	84257	21.955	ug/l	97
49) 1,4-Dioxane	9.20	88	20453	568.842	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	507961	113.556	ug/l	100
52) Toluene	10.16	92	206109	19.345	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	103202	19.397	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	129577	19.622	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	84534	20.593	ug/l	98
56) Ethyl methacrylate	10.43	69	106577	21.634	ug/l	99
57) 1,3-Dichloropropane	10.71	76	141240	20.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	197668	98.166	ug/l	98
59) 2-Hexanone	10.75	43	319936	113.872	ug/l	98
60) Dibromochloromethane	10.90	129	81572	20.350	ug/l	100
61) 1,2-Dibromoethane	11.01	107	78250	20.711	ug/l	97
64) Tetrachloroethene	10.63	164	85740	18.924	ug/l	97
65) Chlorobenzene	11.44	112	212168	18.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	80233	19.451	ug/l	98
67) Ethyl Benzene	11.51	91	381454	19.046	ug/l	100
68) m/p-Xylenes	11.62	106	279258	38.505	ug/l	100
69) o-Xylene	11.95	106	136745	19.467	ug/l	97
70) Styrene	11.96	104	222467	19.565	ug/l	97
71) Bromoform	12.13	173	50074	21.179	ug/l #	100
73) Isopropylbenzene	12.25	105	368351	18.940	ug/l	99
74) N-amyl acetate	12.07	43	121568	22.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	105316	20.237	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	118955	30.182	ug/l #	100
77) Bromobenzene	12.53	156	90239	18.611	ug/l	98
78) n-propylbenzene	12.59	91	392335	18.671	ug/l	100
79) 2-Chlorotoluene	12.67	91	247352	18.873	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	296608	18.898	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19857	20.147	ug/l	94
82) 4-Chlorotoluene	12.77	91	233281	19.078	ug/l	99
83) tert-Butylbenzene	12.99	119	255093	19.245	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	283528	19.062	ug/l	100
85) sec-Butylbenzene	13.17	105	318506	18.858	ug/l	99
86) p-Isopropyltoluene	13.29	119	273900	18.902	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	140923	19.122	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	134271	19.106	ug/l	99
89) n-Butylbenzene	13.61	91	195648	18.188	ug/l	100
90) Hexachloroethane	13.87	117	45128	19.141	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	143363	19.334	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13646	21.294	ug/l	91

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QLast Update : Mon Apr 15 12:28:28 2019
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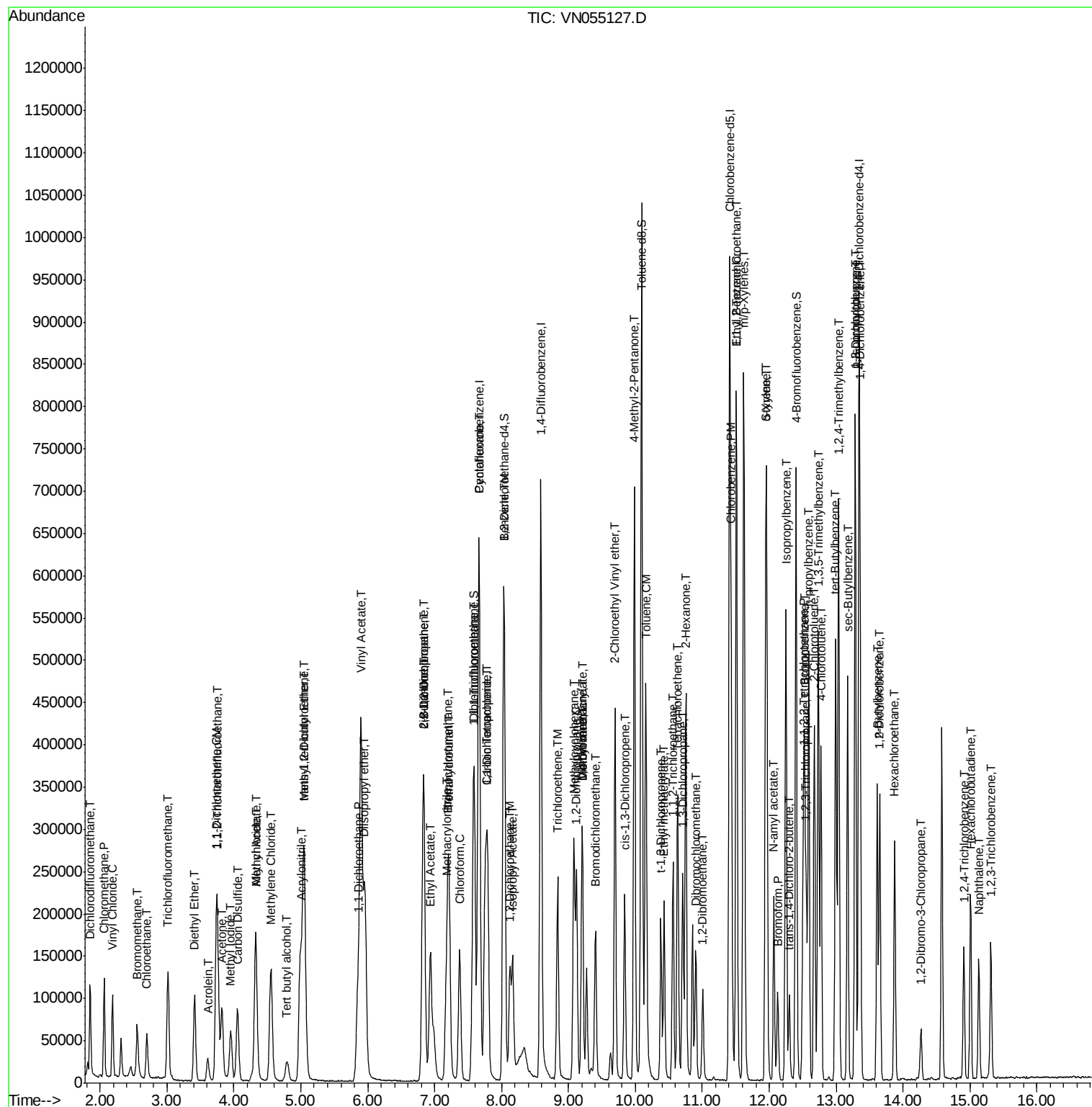
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50528	16.905	ug/l	99
94) Hexachlorobutadiene	15.01	225	44772	19.549	ug/l	97
95) Naphthalene	15.13	128	120044	17.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	54411	19.021	ug/l	100

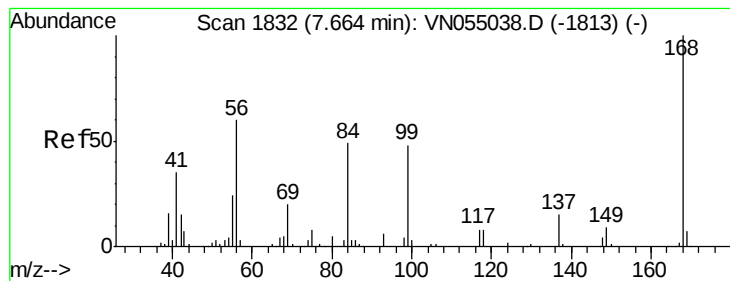
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

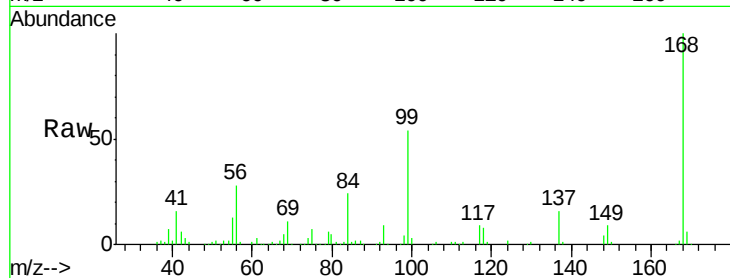
ClientSampled :

Tot Ion:168 Resp: 392406

Ion Ratio Lower Upper

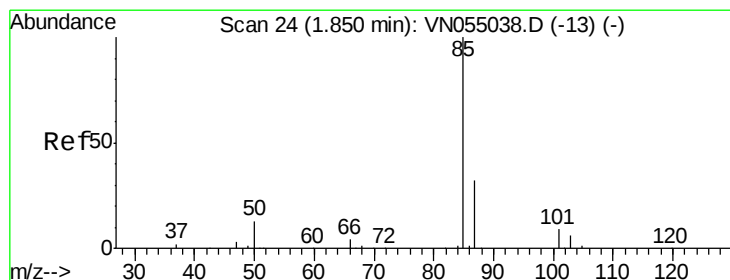
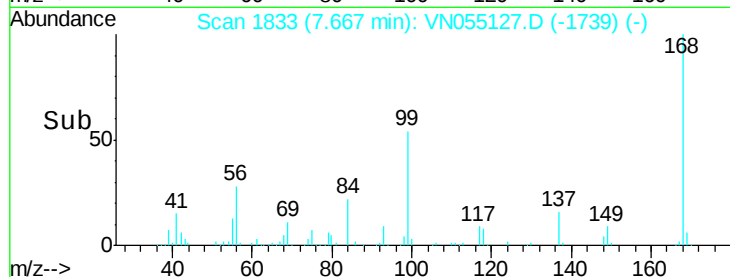
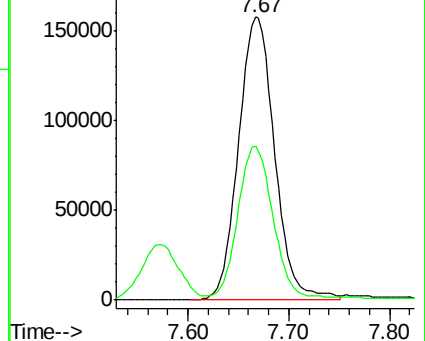
168 100

99 53.1 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.224 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055127.D

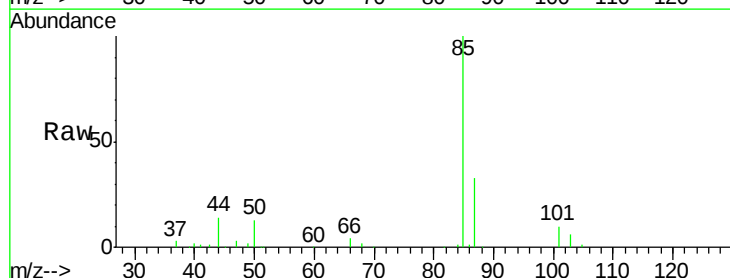
Acq: 18 Apr 2019 17:53

Tgt Ion: 85 Resp: 81269

Ion Ratio Lower Upper

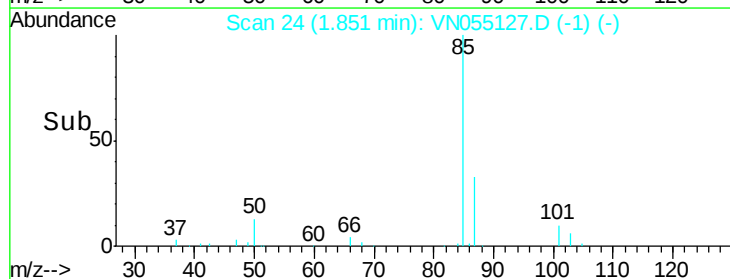
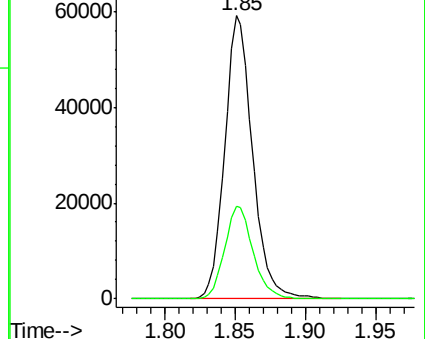
85 100

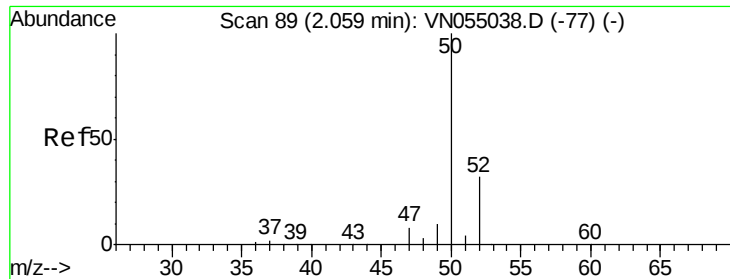
87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.876 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

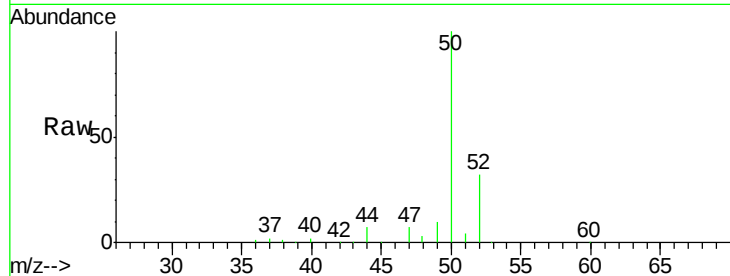
ClientSampleId :

Tot Ion: 50 Resp: 103974

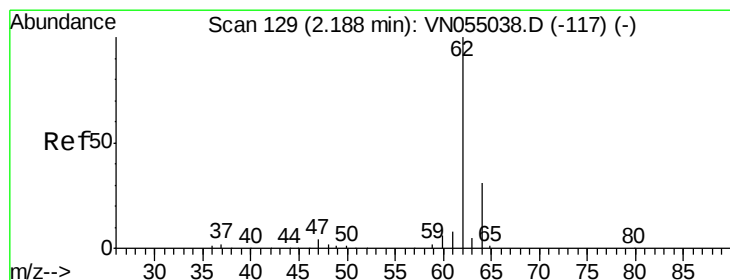
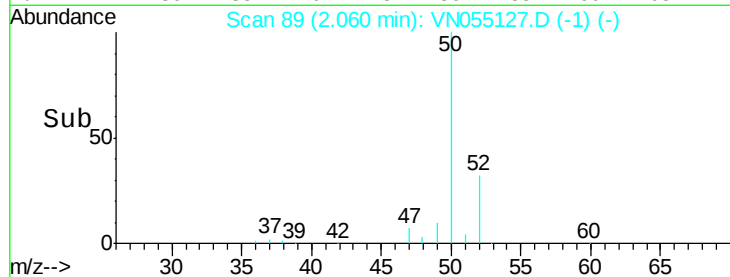
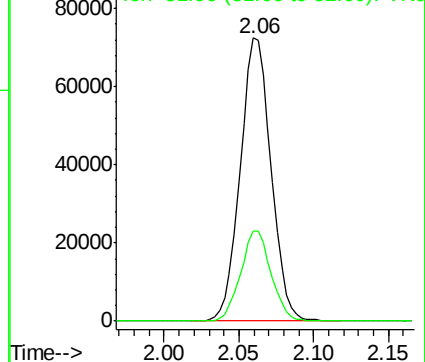
Ion Ratio Lower Upper

50 100

52 32.0 26.6 40.0



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



#4

Vinyl Chloride

Concen: 17.435 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055127.D

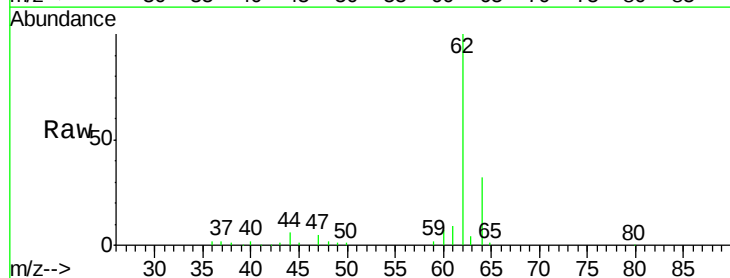
Acq: 18 Apr 2019 17:53

Tgt Ion: 62 Resp: 85240

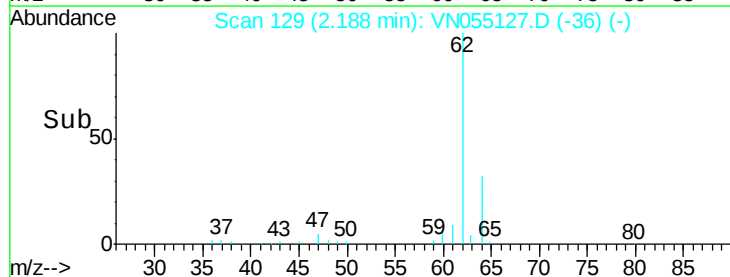
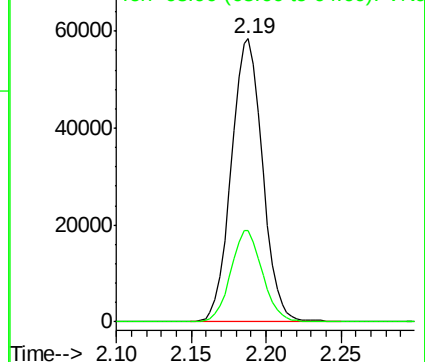
Ion Ratio Lower Upper

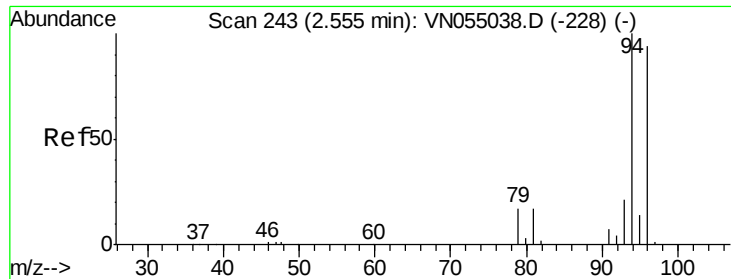
62 100

64 32.3 25.8 38.6



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





#5

Bromomethane

Concen: 15.597 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

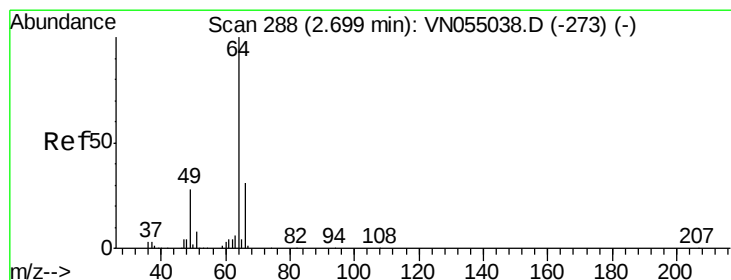
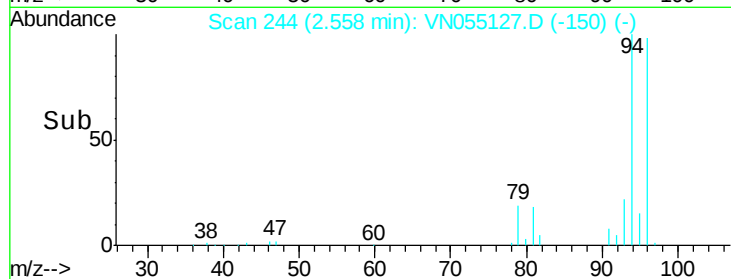
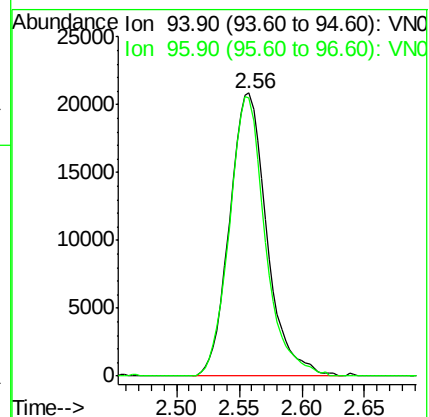
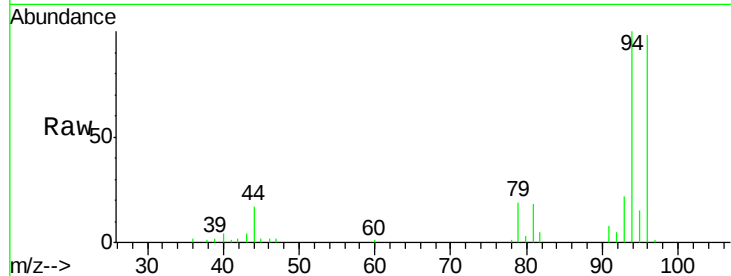
ClientSampled :

Tot Ion: 94 Resp: 43137

Ion Ratio Lower Upper

94 100

96 98.2 76.2 114.4



#6

Chloroethane

Concen: 18.196 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN055127.D

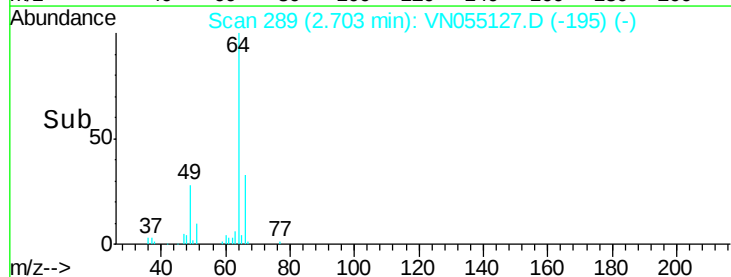
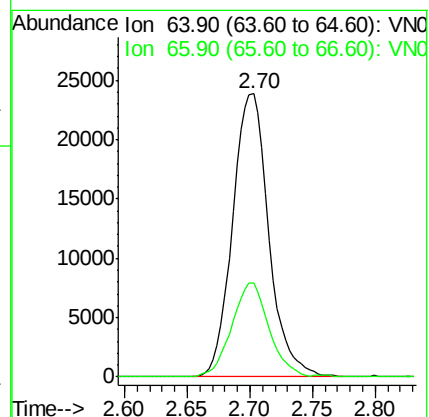
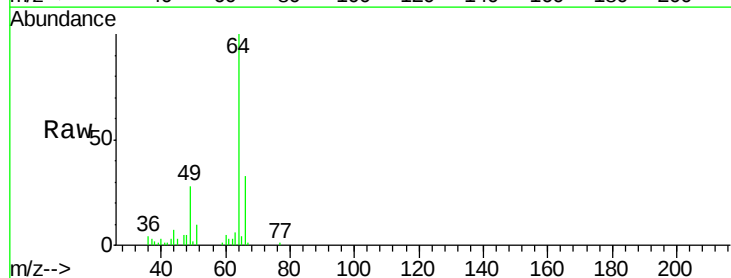
Acq: 18 Apr 2019 17:53

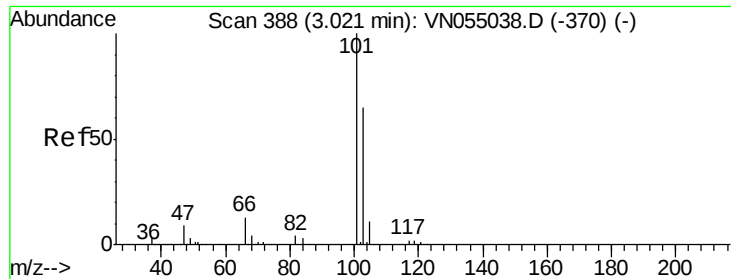
Tgt Ion: 64 Resp: 47972

Ion Ratio Lower Upper

64 100

66 33.0 26.6 40.0



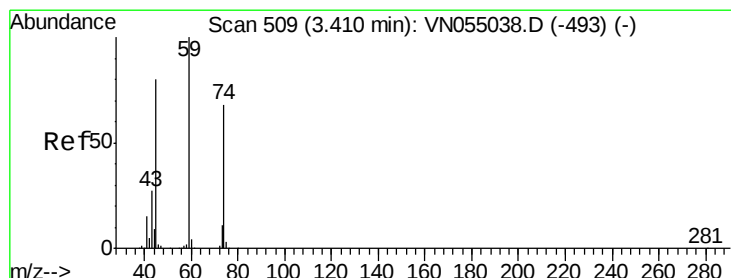
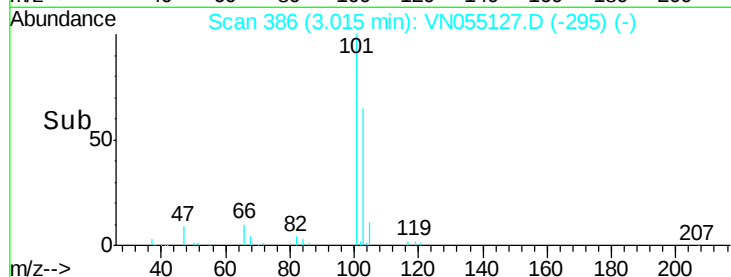
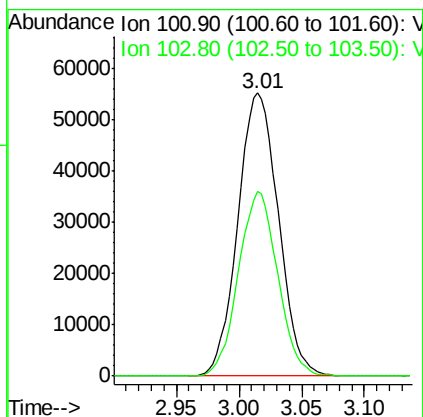
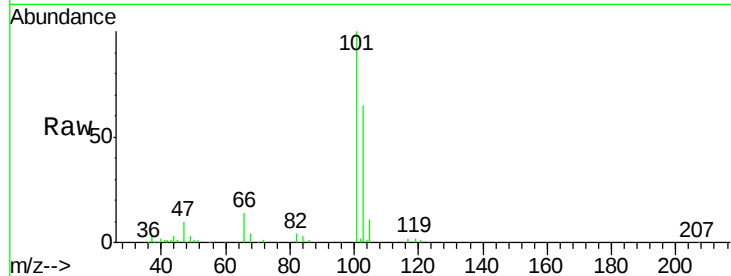


#7

Trichlorofluoromethane
 Concen: 20.336 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Instrument :
 MSVOA_N
 ClientSampled :

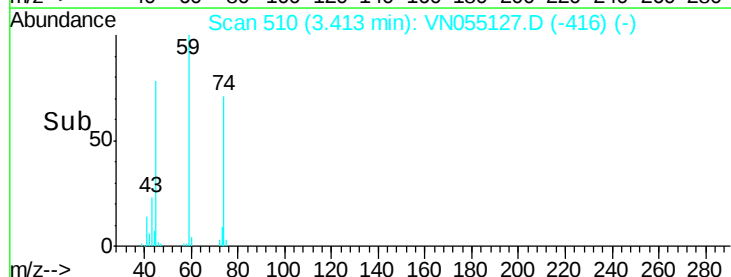
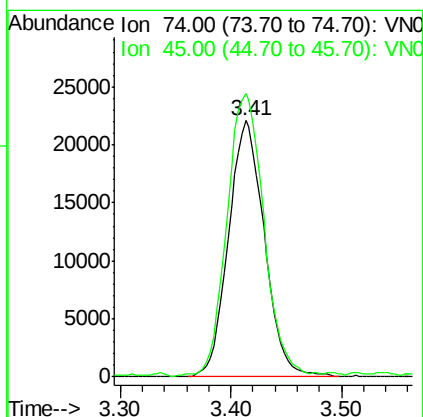
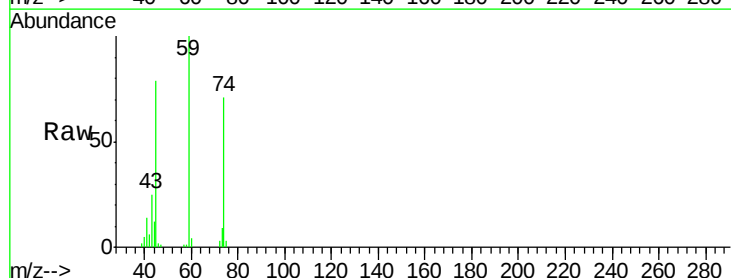
Tot Ion:101 Resp: 124340
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.5 78.7

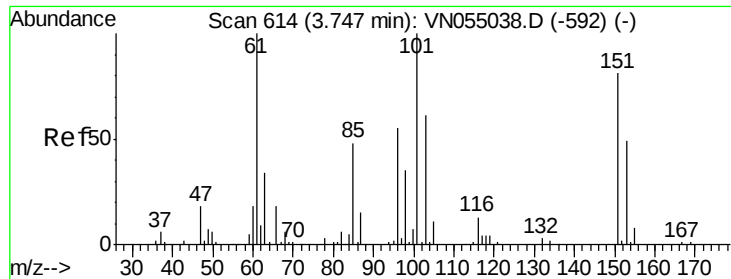


#8

Diethyl Ether
 Concen: 25.505 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion: 74 Resp: 49779
 Ion Ratio Lower Upper
 74 100
 45 114.5 55.7 167.1

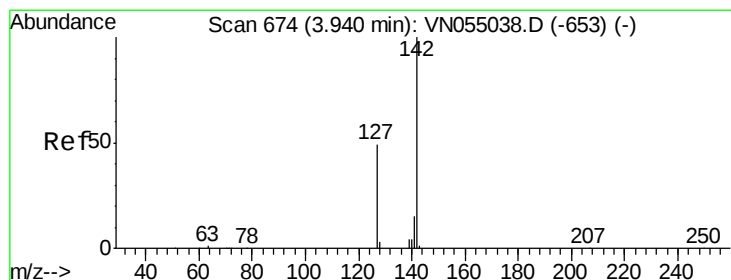
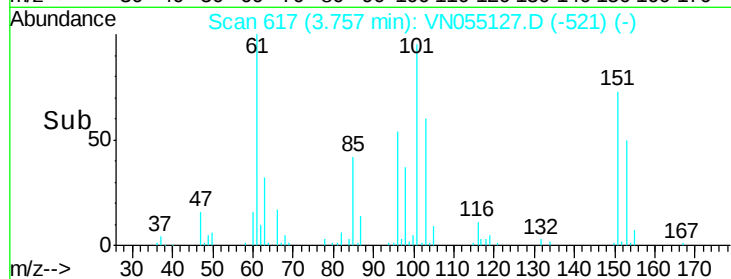
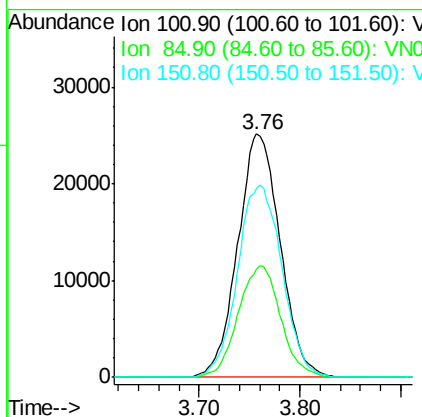
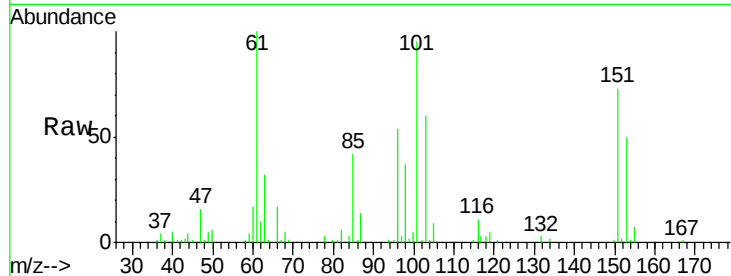




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.992 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

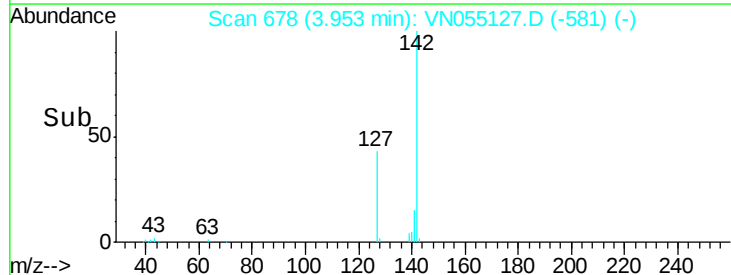
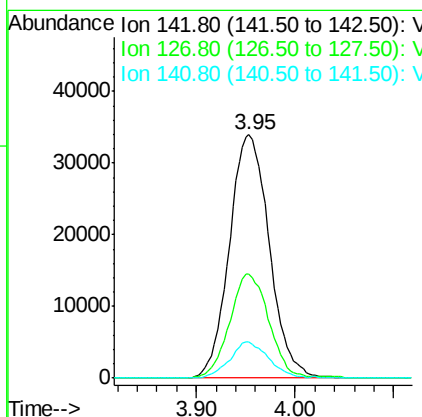
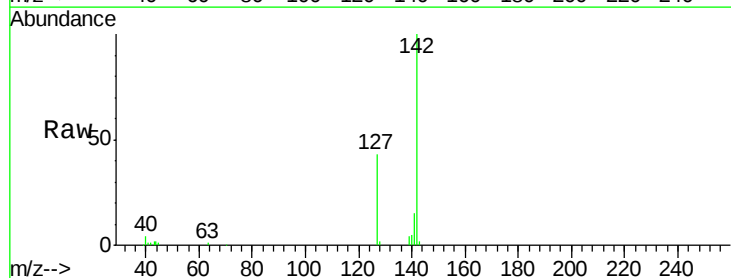
Instrument :
 MSVOA_N
 ClientSampled :

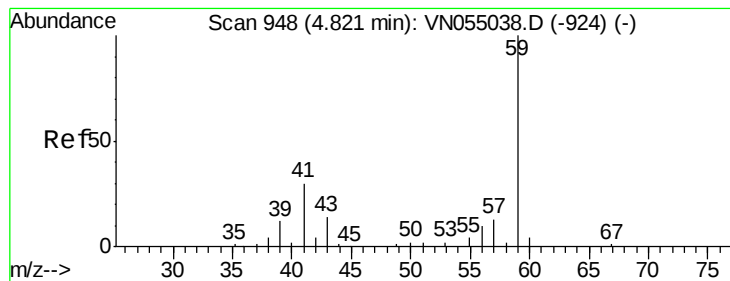
Tot Ion:101 Resp: 73567
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.9 55.3
 151 82.6 64.4 96.6



#10
 Methyl Iodide
 Concen: 19.246 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion:142 Resp: 95566
 Ion Ratio Lower Upper
 142 100
 127 41.8 37.9 56.9
 141 14.4 11.8 17.8



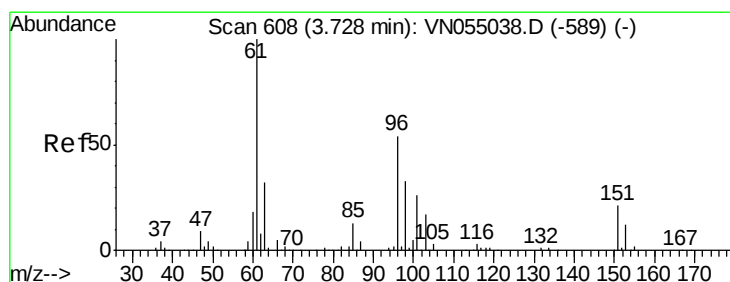
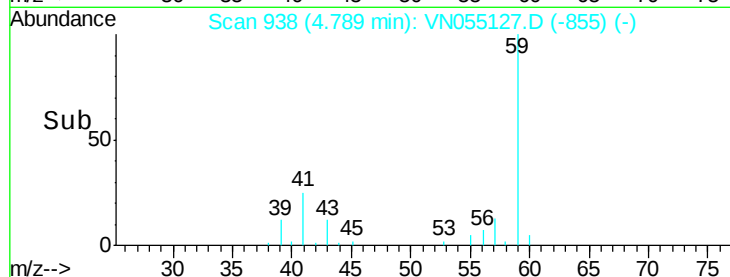
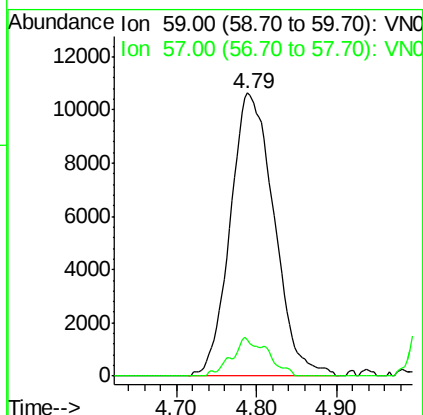
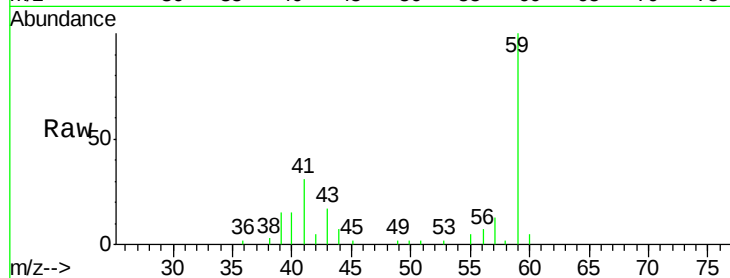


#11

Tert butyl alcohol
 Concen: 138.614 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.03 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Instrument :
 MSVOA_N
 ClientSampled :

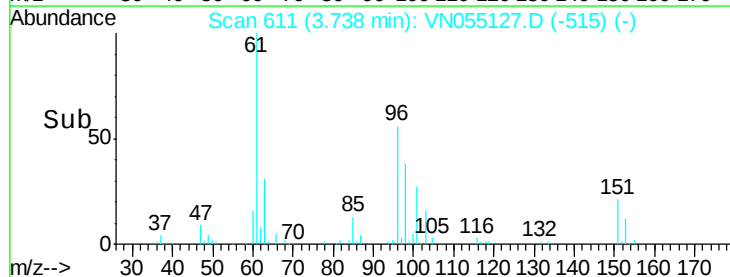
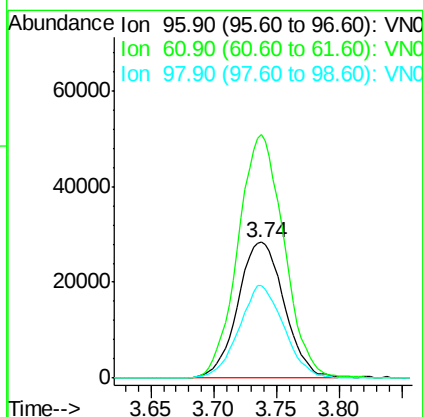
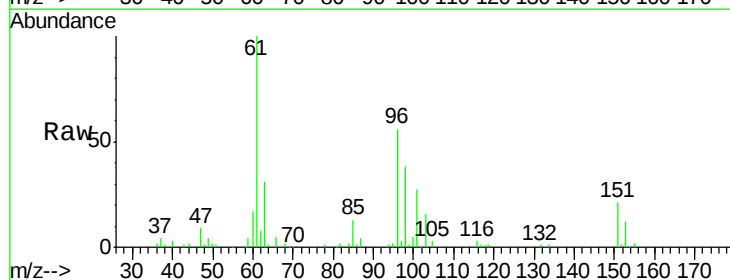
Tot Ion: 59 Resp: 39631
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

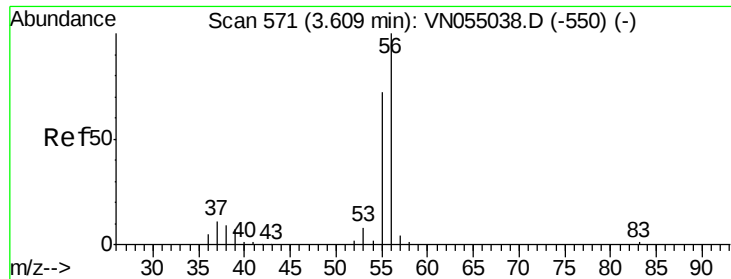


#12

1,1-Dichloroethene
 Concen: 23.419 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion: 96 Resp: 72938
 Ion Ratio Lower Upper
 96 100
 61 179.2 154.2 231.4
 98 68.6 52.9 79.3





#13

Acrolein

Concen: 87.405 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

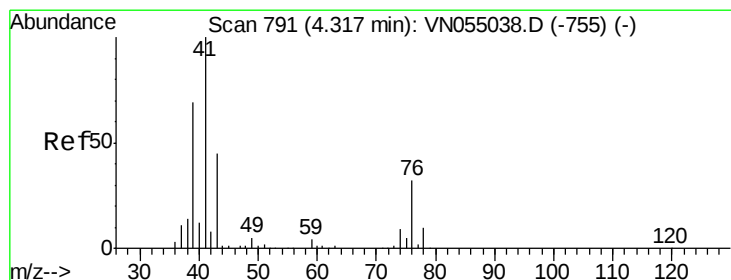
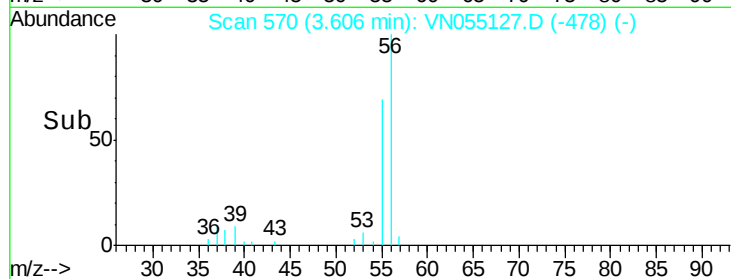
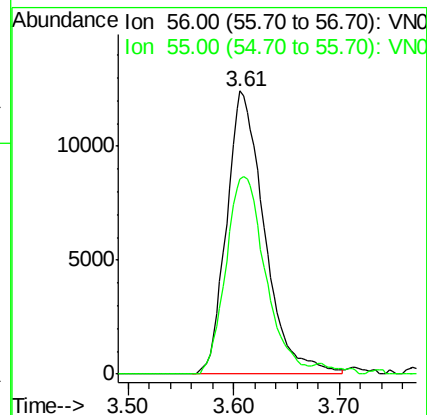
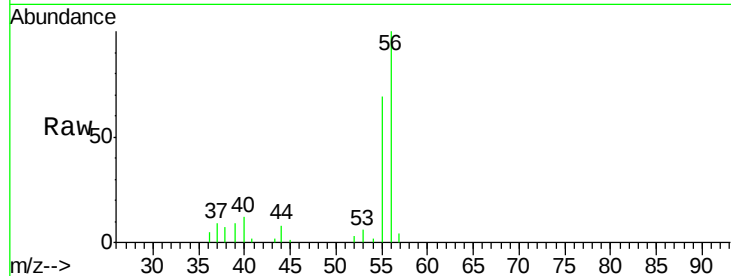
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 30889

Ion Ratio Lower Upper

56 100

55 73.0 59.5 89.3



#14

Allyl chloride

Concen: 19.264 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.01 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

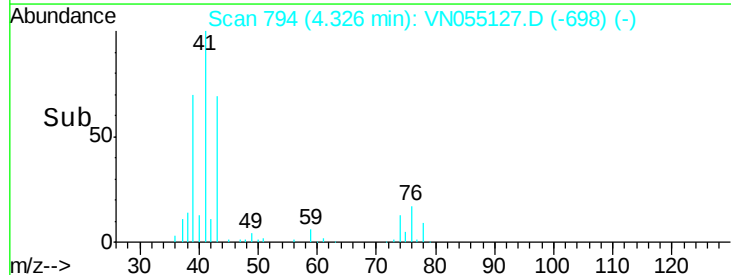
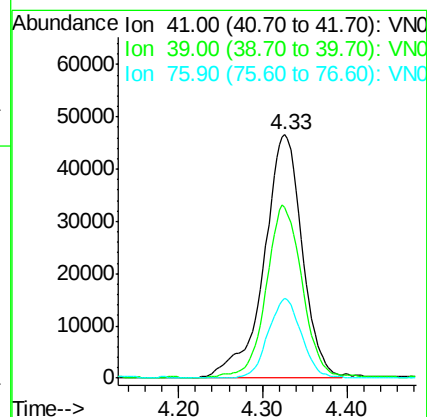
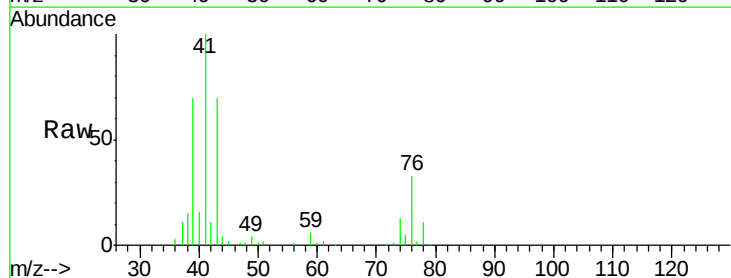
Tgt Ion: 41 Resp: 146862

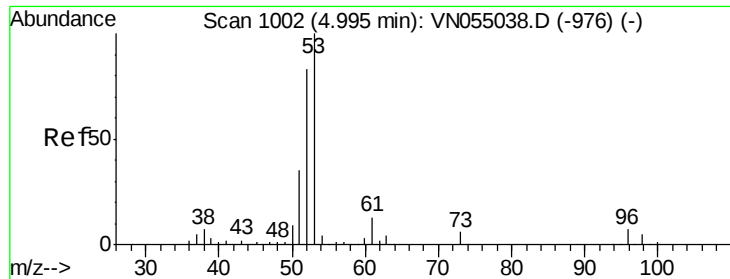
Ion Ratio Lower Upper

41 100

39 66.8 52.7 79.1

76 28.3 23.2 34.8

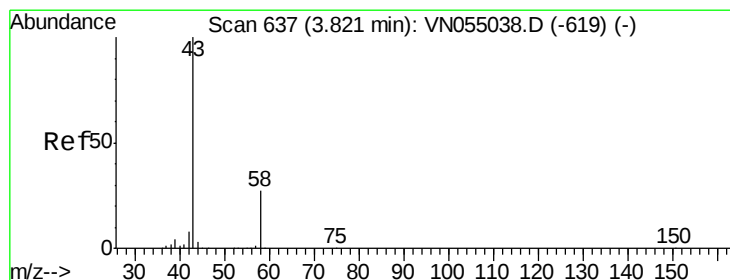
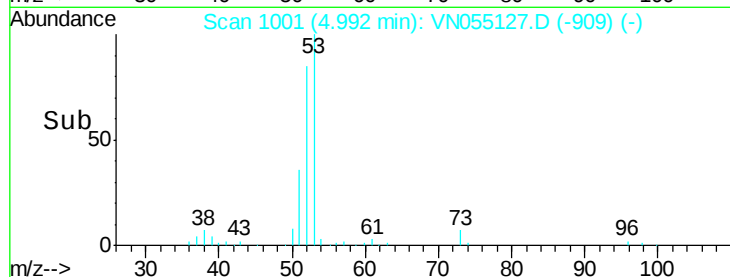
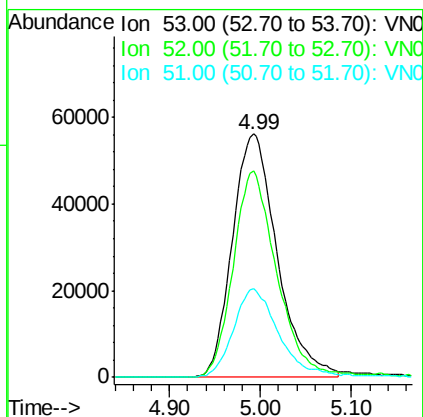
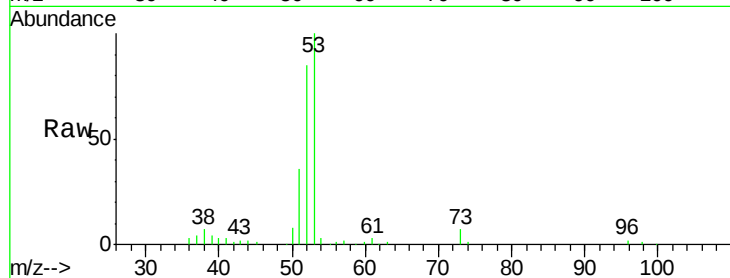




#15
 Acrylonitrile
 Concen: 112.228 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

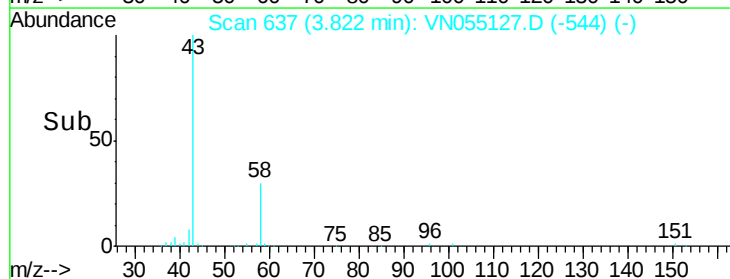
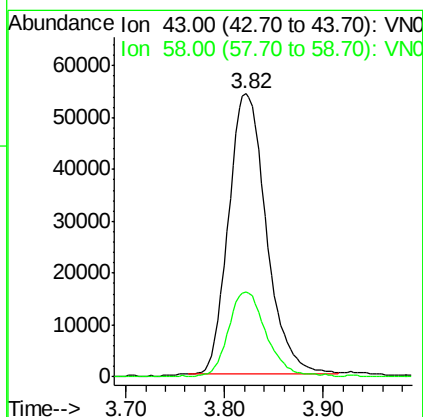
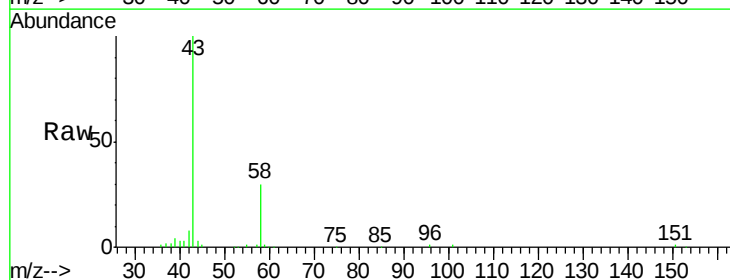
Instrument :
 MSVOA_N
 ClientSampleId :

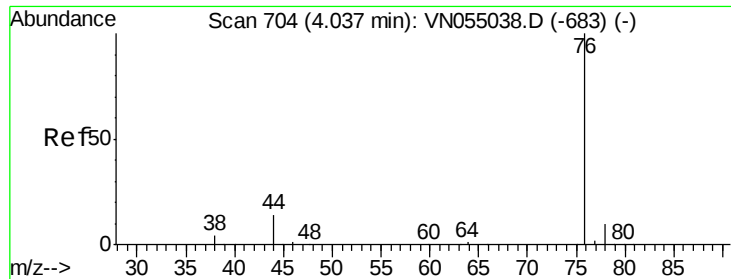
Tot Ion: 53 Resp: 191978
 Ion Ratio Lower Upper
 53 100
 52 82.6 65.9 98.9
 51 36.5 29.7 44.5



#16
 Acetone
 Concen: 102.307 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion: 43 Resp: 144839
 Ion Ratio Lower Upper
 43 100
 58 30.1 20.9 31.3

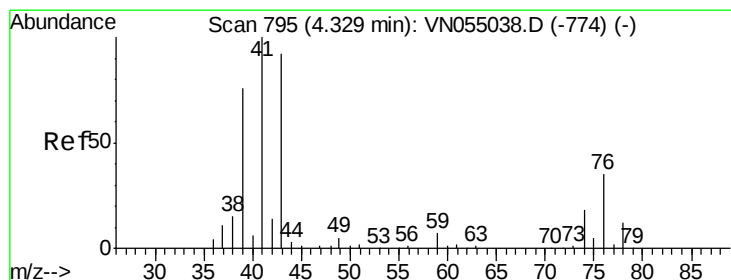
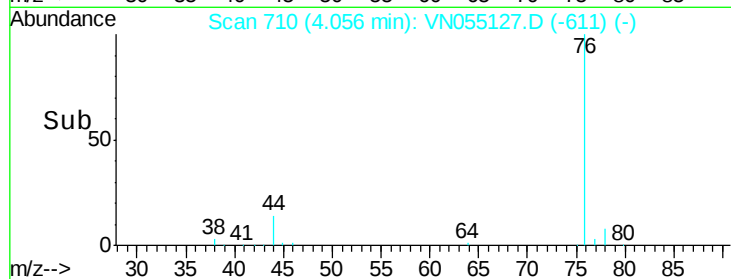
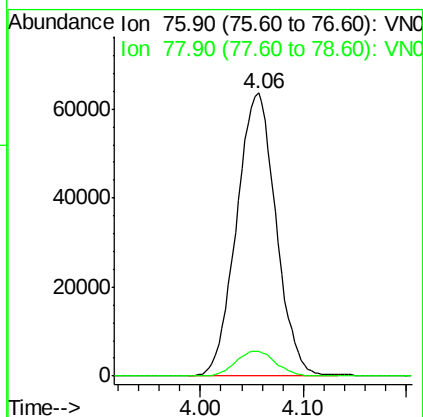
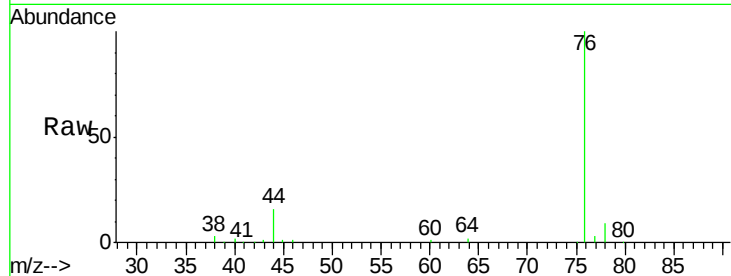




#17
Carbon Disulfide
Concen: 16.818 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.02 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

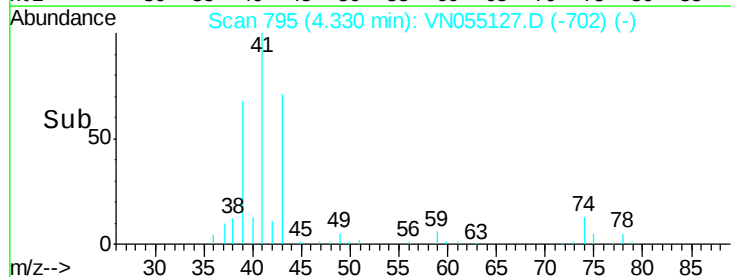
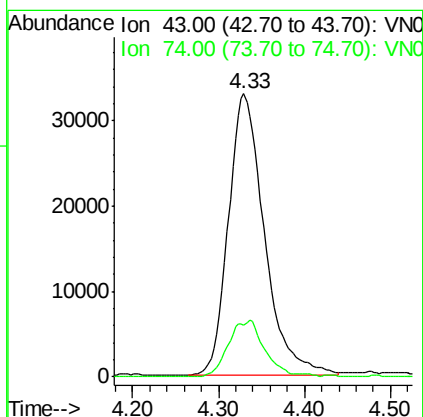
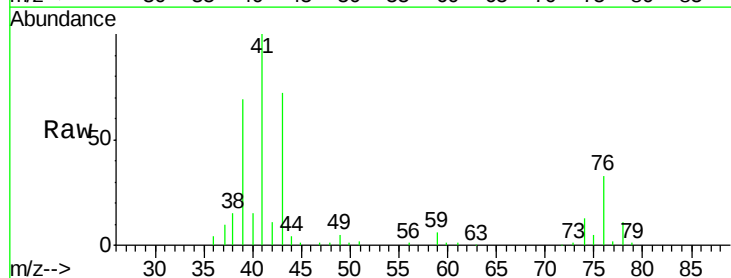
Instrument :
MSVOA_N
ClientSampled :

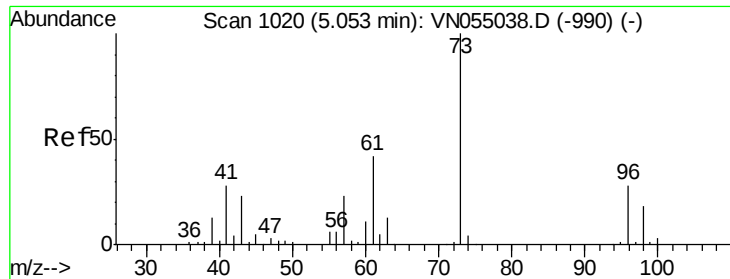
Tot Ion: 76 Resp: 169083
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 23.236 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 43 Resp: 95764
Ion Ratio Lower Upper
43 100
74 20.5 16.1 24.1

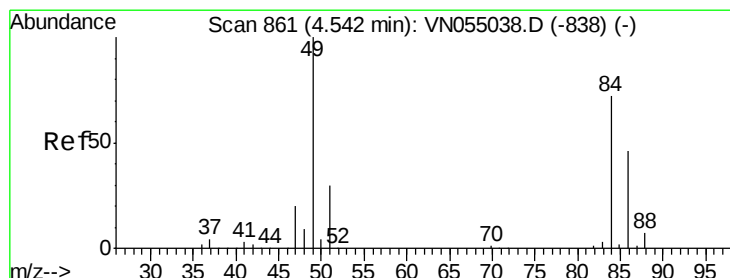
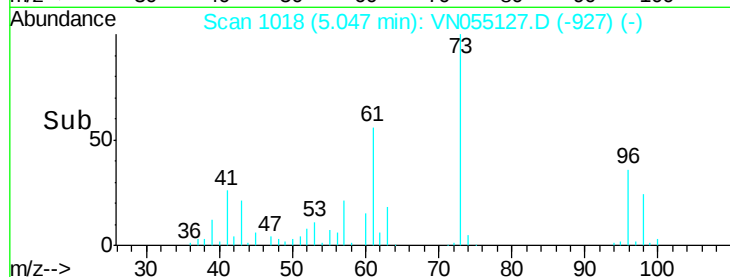
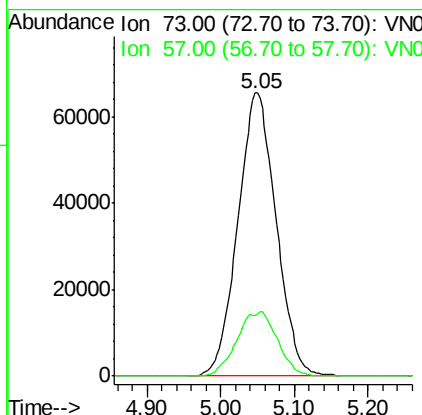
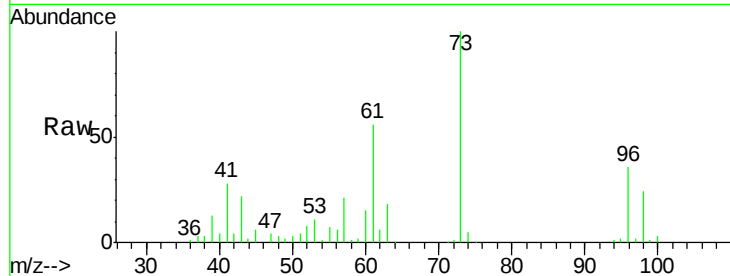




#19
Methyl tert-butyl Ether
Concen: 21.269 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

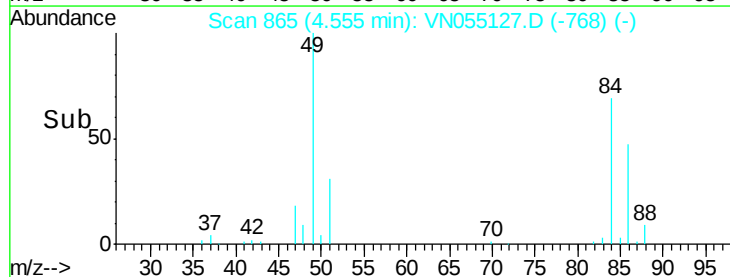
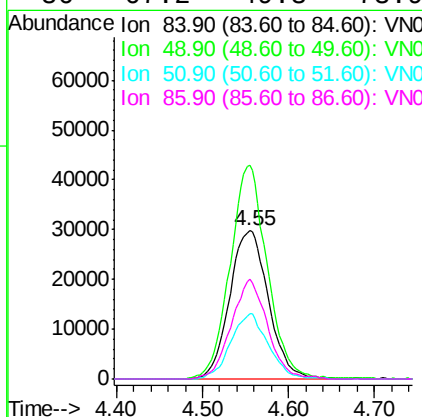
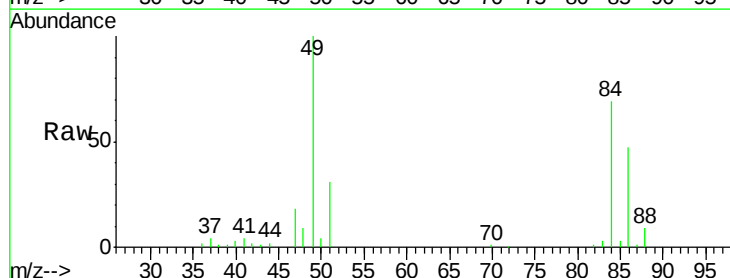
Instrument :
MSVOA_N
ClientSampleId :

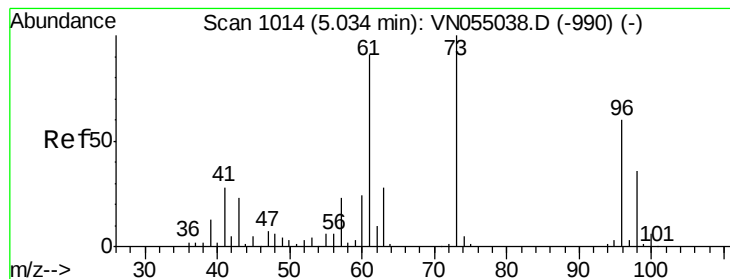
Tot Ion: 73 Resp: 236965
Ion Ratio Lower Upper
73 100
57 21.4 19.0 28.4



#20
Methylene Chloride
Concen: 18.748 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 84 Resp: 93306
Ion Ratio Lower Upper
84 100
49 143.3 109.4 164.2
51 44.5 32.2 48.4
86 67.2 49.3 73.9



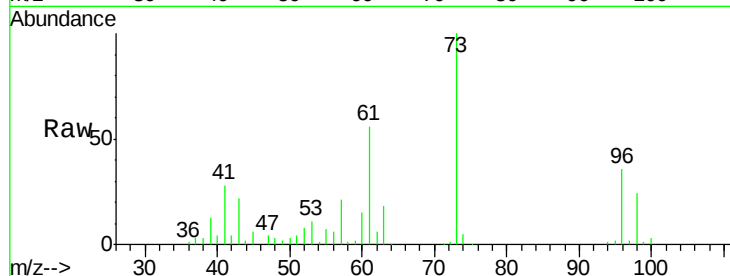


#21

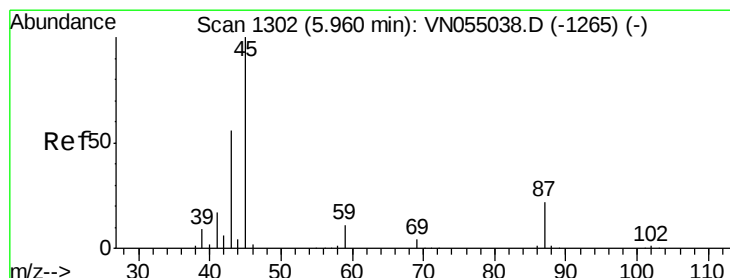
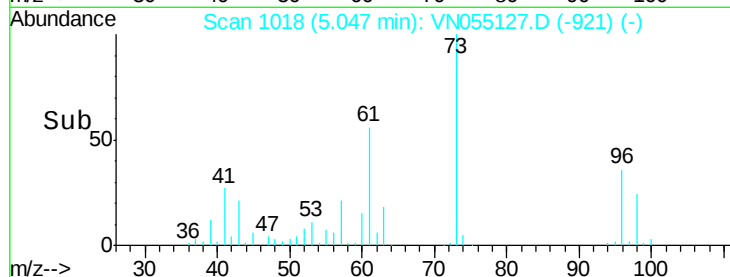
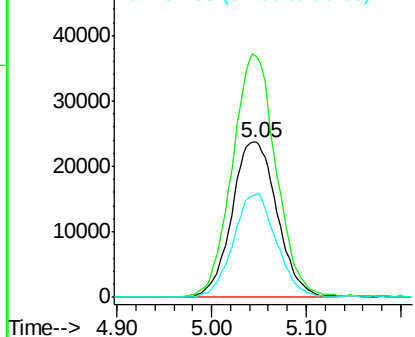
trans-1,2-Dichloroethene
Concen: 18.742 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 78947
Ion Ratio Lower Upper
96 100
61 154.2 114.9 172.3
98 66.5 48.4 72.6



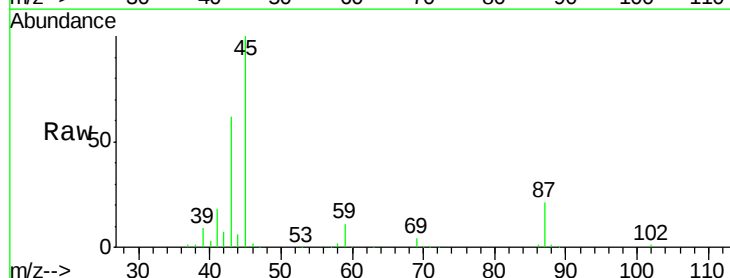
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



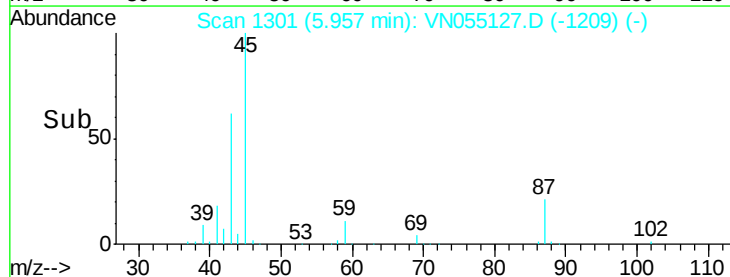
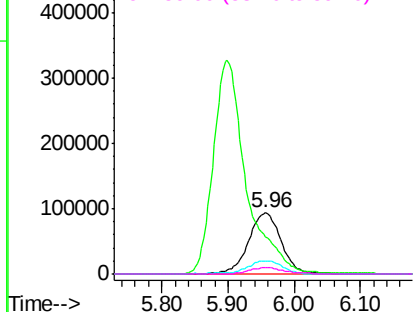
#22

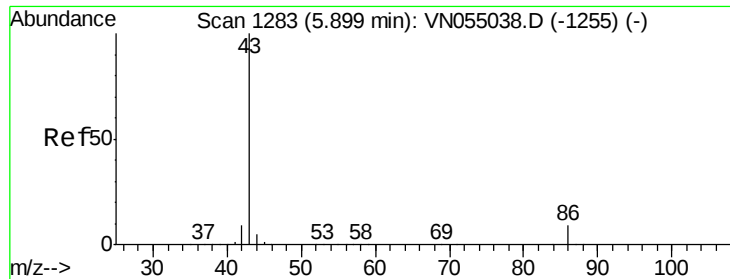
Diisopropyl ether
Concen: 20.539 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 45 Resp: 321887
Ion Ratio Lower Upper
45 100
43 59.9 44.8 67.2
87 20.8 18.9 28.3
59 10.2 7.9 11.9



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

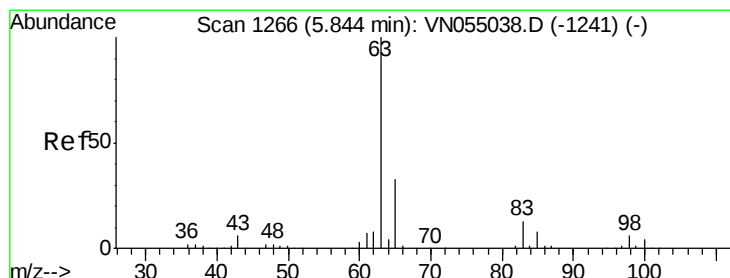
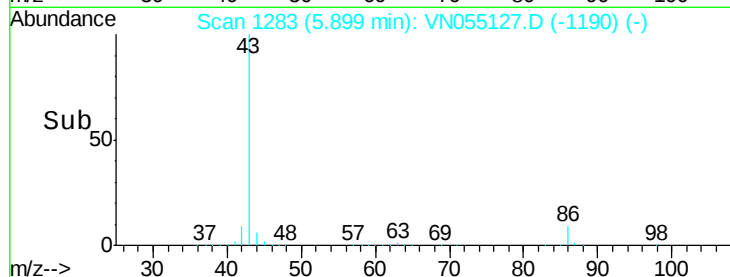
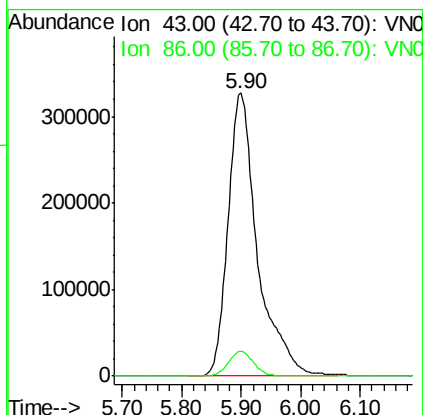
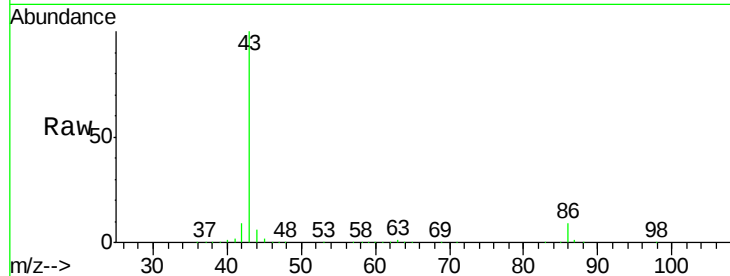




#23
 Vinyl Acetate
 Concen: 109.064 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

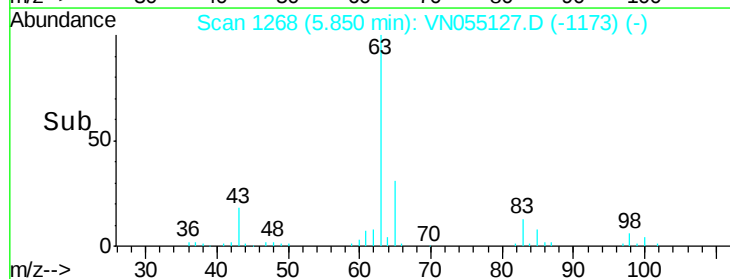
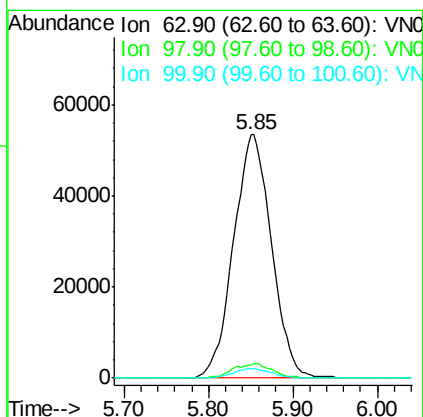
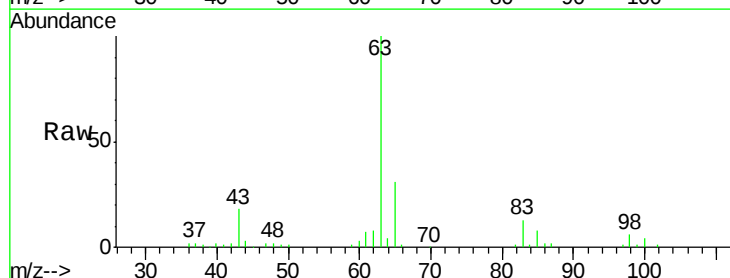
Instrument :
 MSVOA_N
 ClientSampleId :

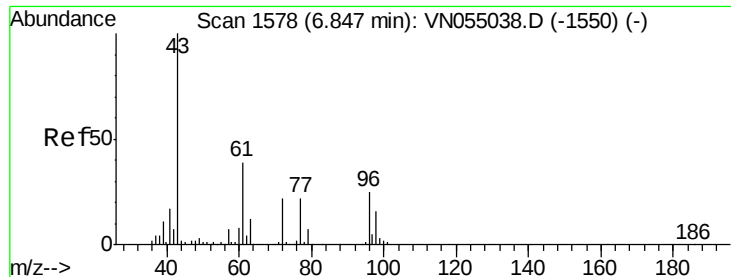
Tot Ion: 43 Resp: 1129801
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 20.056 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion: 63 Resp: 167383
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.8 8.4
 100 3.8 2.0 5.8

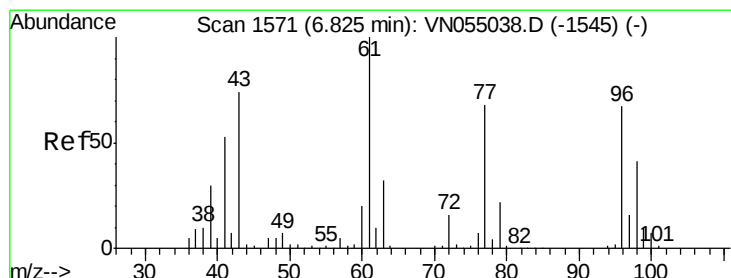
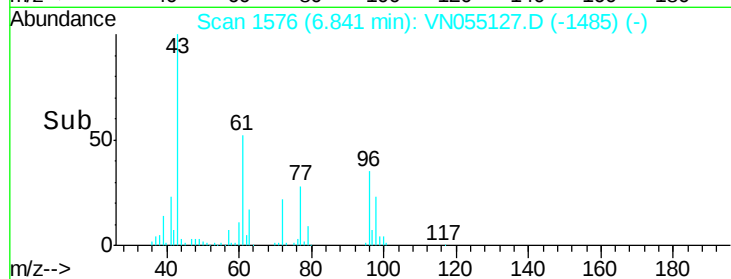
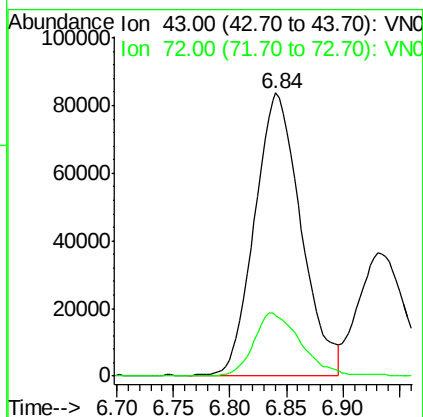
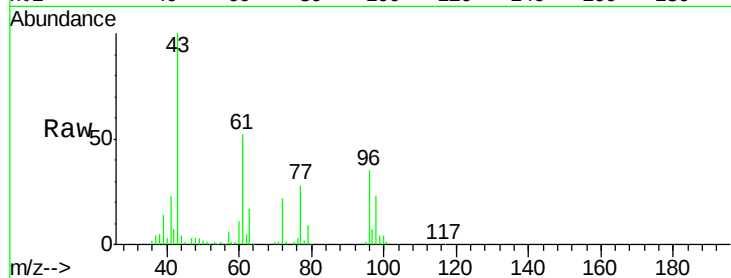




#25
2-Butanone
Concen: 112.056 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

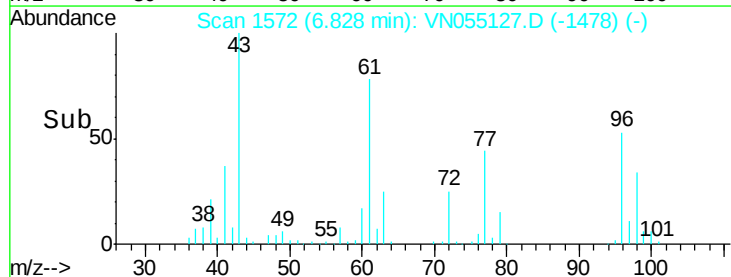
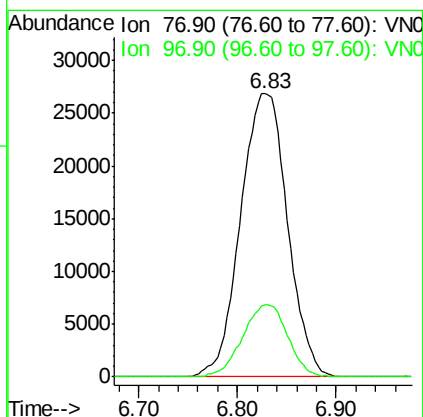
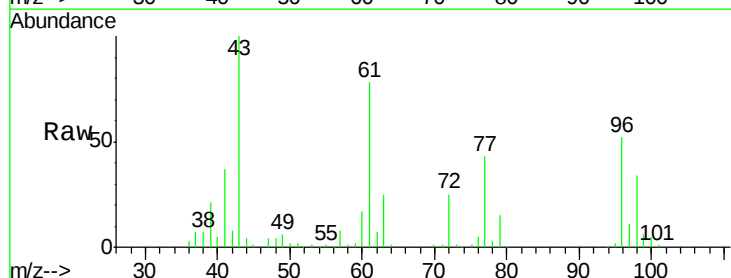
Instrument :
MSVOA_N
ClientSampled :

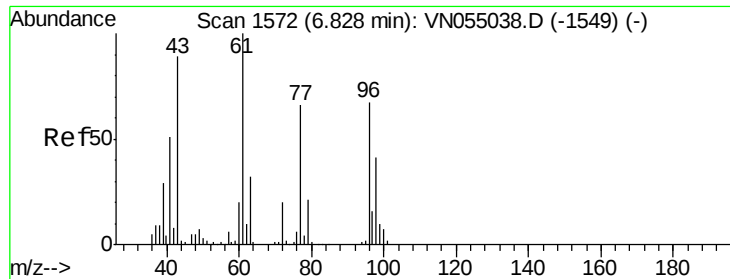
Tot Ion: 43 Resp: 236770
Ion Ratio Lower Upper
43 100
72 21.6 18.1 27.1



#26
2,2-Dichloropropane
Concen: 16.748 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 77 Resp: 88219
Ion Ratio Lower Upper
77 100
97 24.5 11.3 33.9



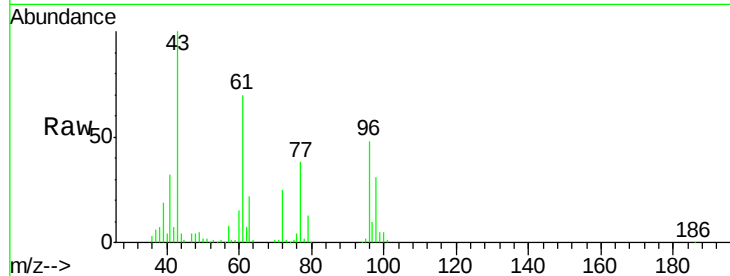


#27

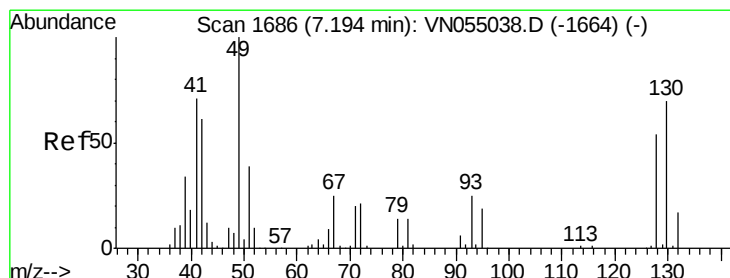
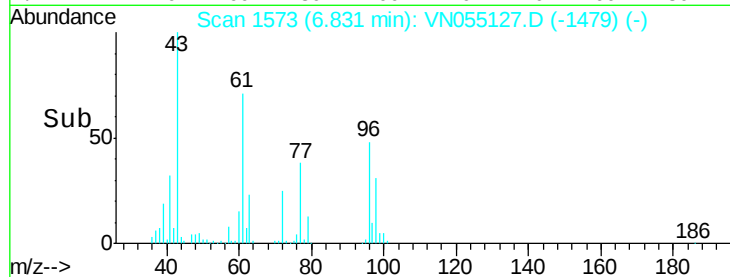
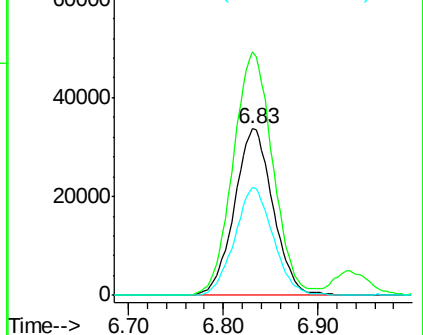
cis-1,2-Dichloroethene
Concen: 20.078 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 95686
Ion Ratio Lower Upper
96 100
61 149.4 0.0 311.0
98 64.5 0.0 127.4



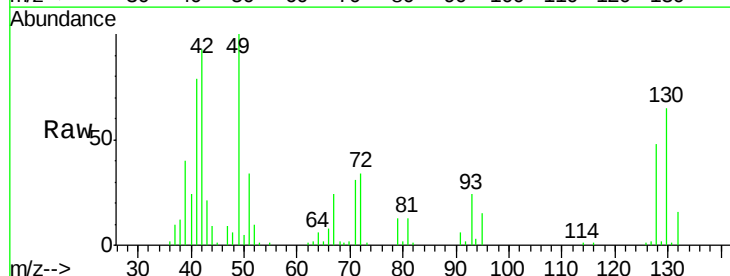
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



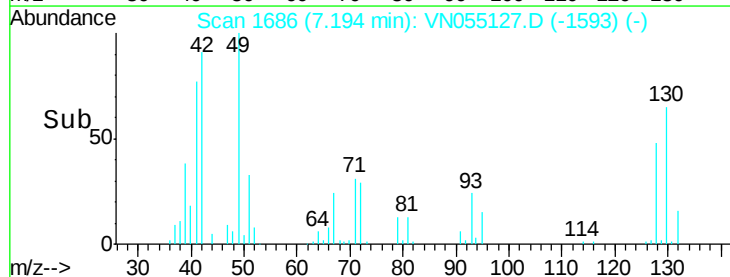
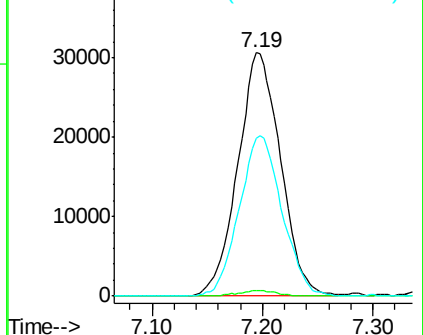
#28

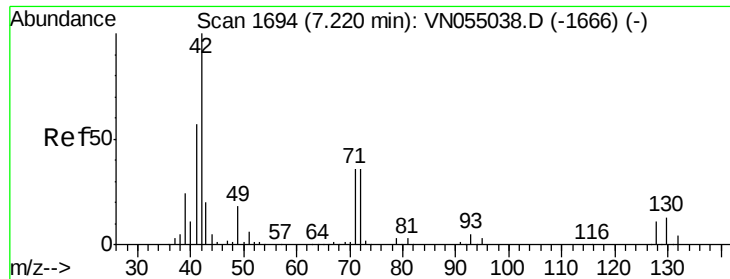
Bromochloromethane
Concen: 20.454 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 49 Resp: 82287
Ion Ratio Lower Upper
49 100
129 1.9 0.0 2.0
130 65.8 53.4 80.2



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

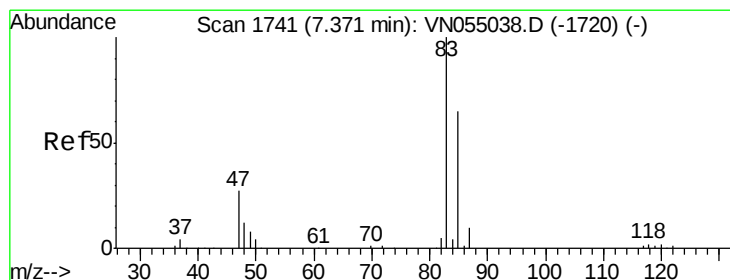
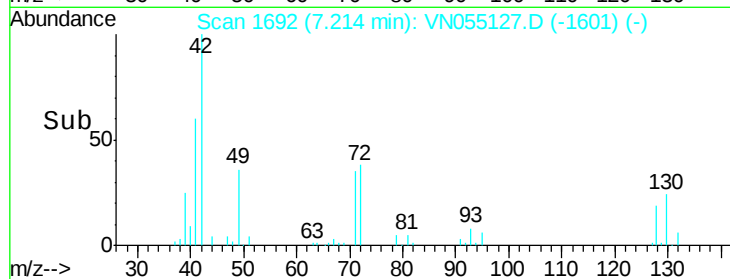
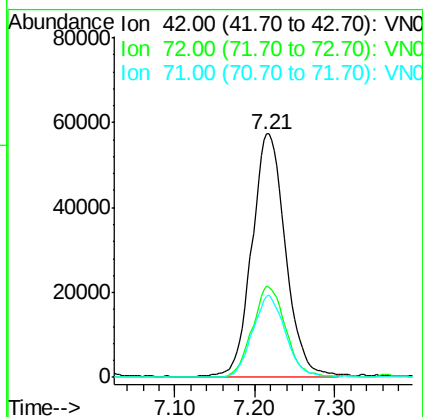
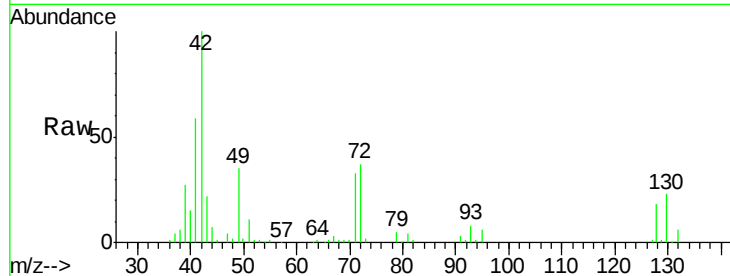




#29
Tetrahydrofuran
Concen: 120.157 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

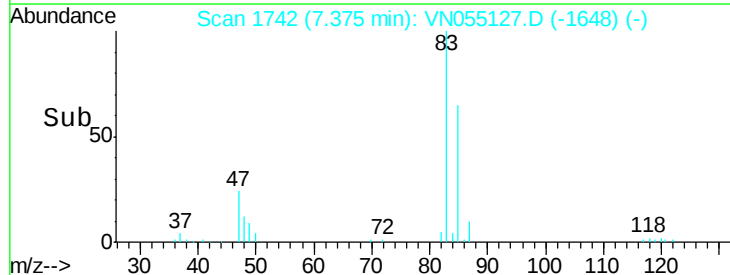
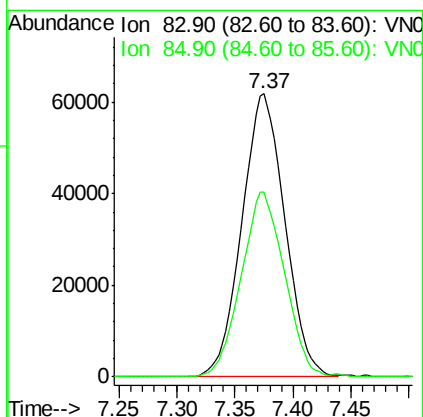
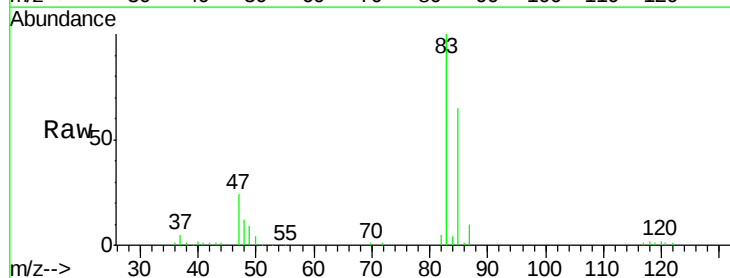
Instrument :
MSVOA_N
ClientSampleId :

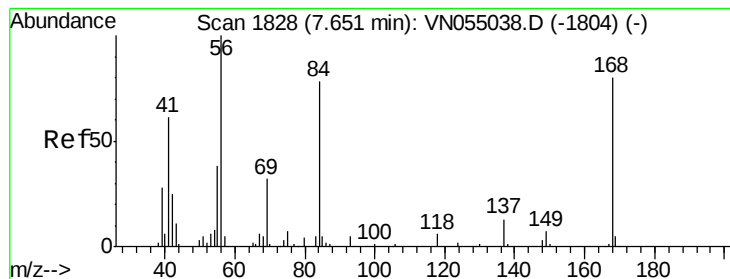
Tot Ion: 42 Resp: 166491
Ion Ratio Lower Upper
42 100
72 36.7 29.4 44.0
71 32.7 27.8 41.6



#30
Chloroform
Concen: 19.649 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 83 Resp: 159284
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6





#31

Cyclohexane

Concen: 19.225 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

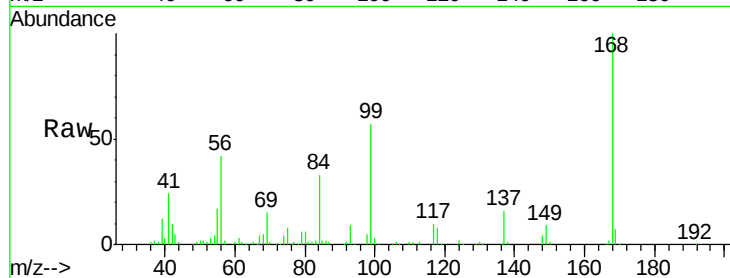
Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 147525

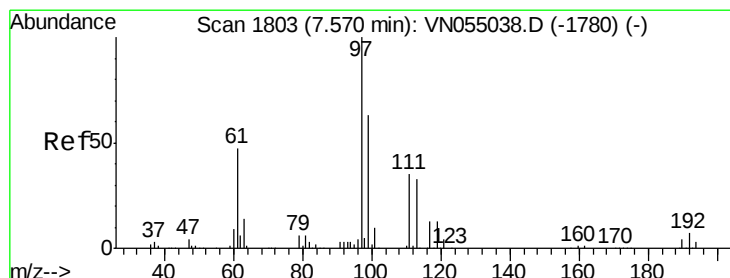
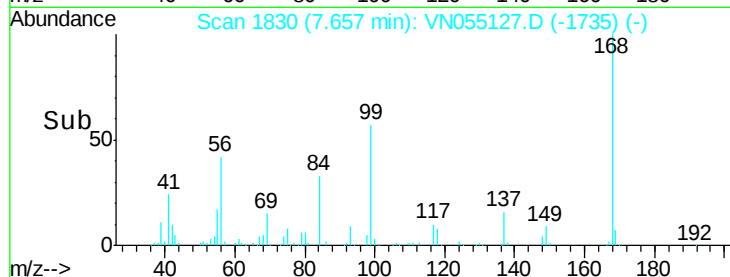
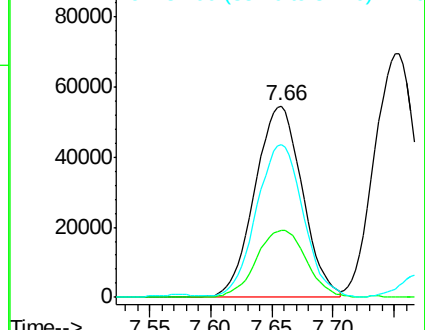
Ion	Ratio	Lower	Upper
56	100		
69	34.7	24.5	36.7
84	78.6	62.9	94.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.868 ug/l

RT: 7.57 min Scan# 1804

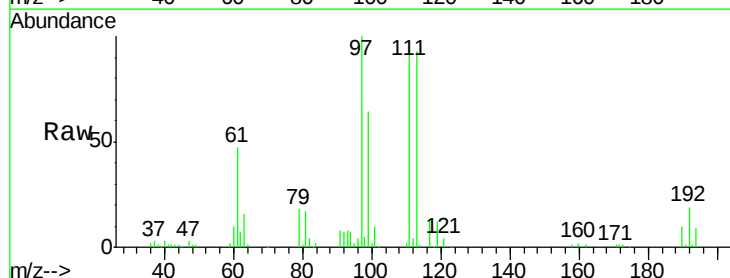
Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Tgt Ion: 97 Resp: 127605

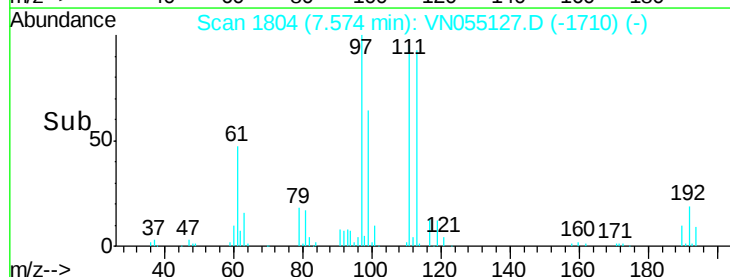
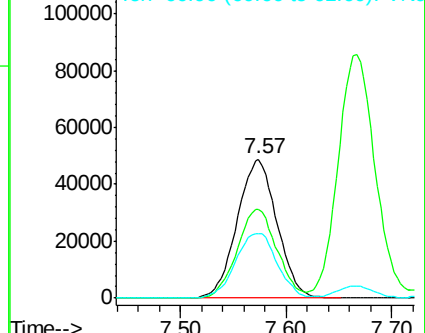
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	48.8	38.3	57.5

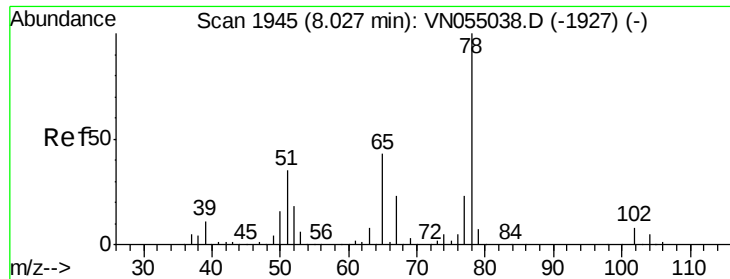


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

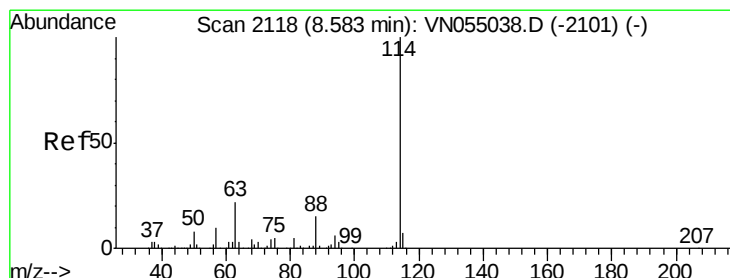
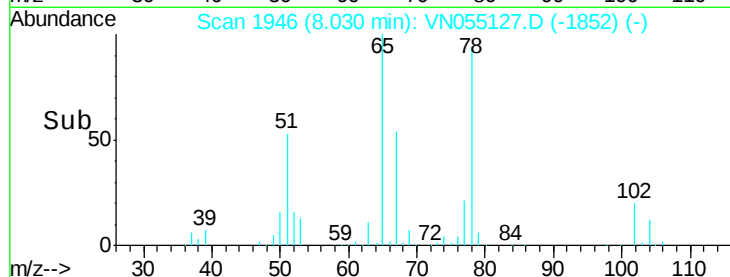
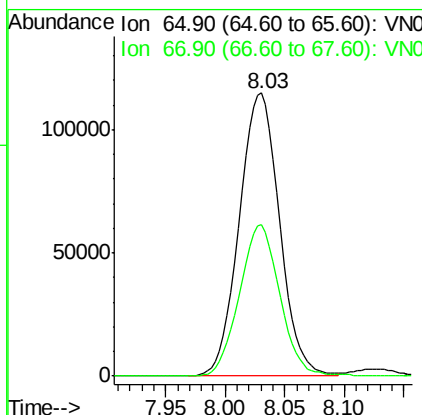
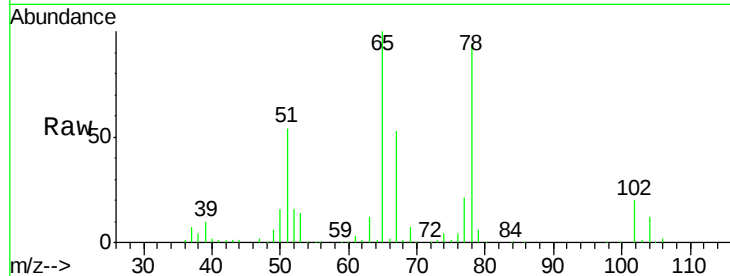




#33
 1,2-Dichloroethane-d4
 Concen: 51.789 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

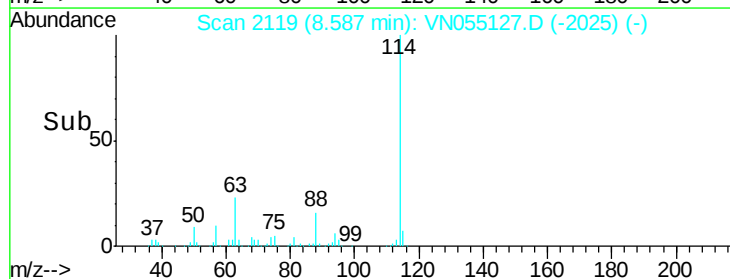
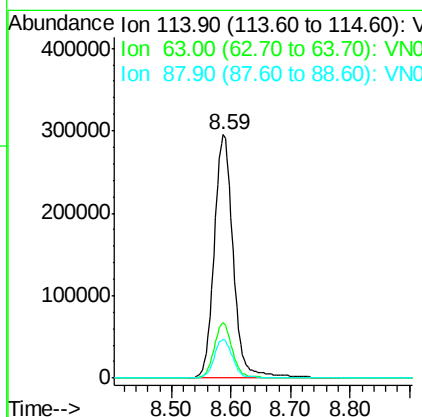
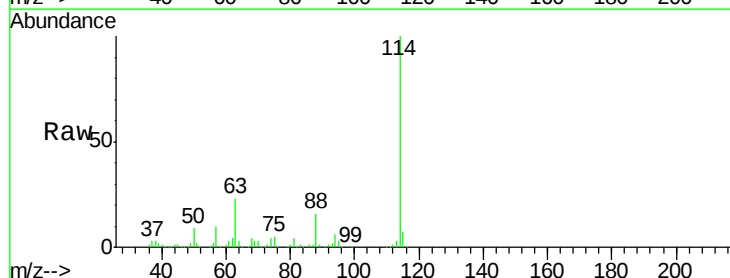
Instrument :
 MSVOA_N
 ClientSampled :

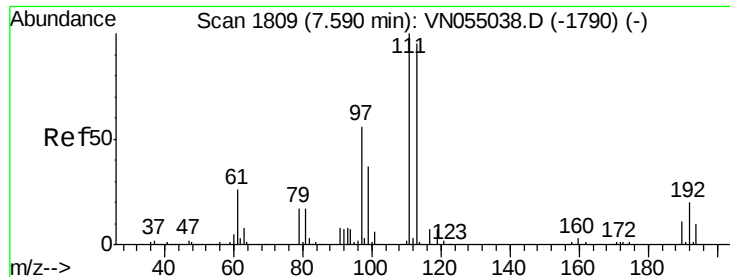
Tot Ion: 65 Resp: 270132
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion: 114 Resp: 654760
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 15.7 0.0 31.8

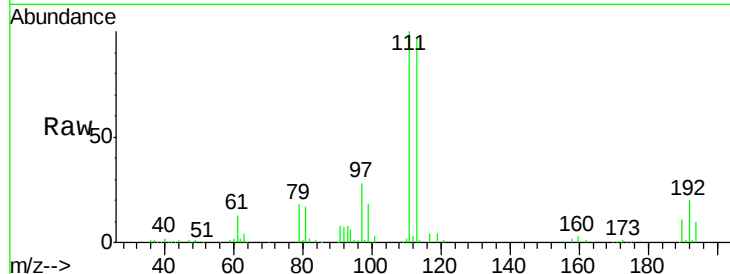




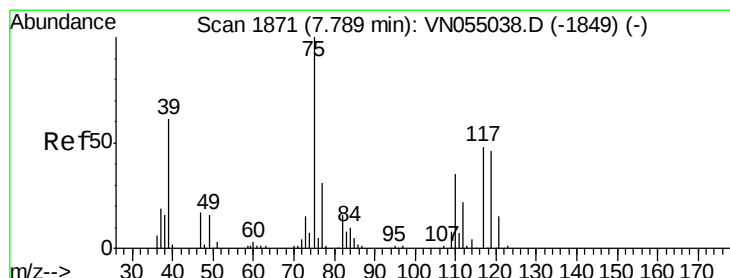
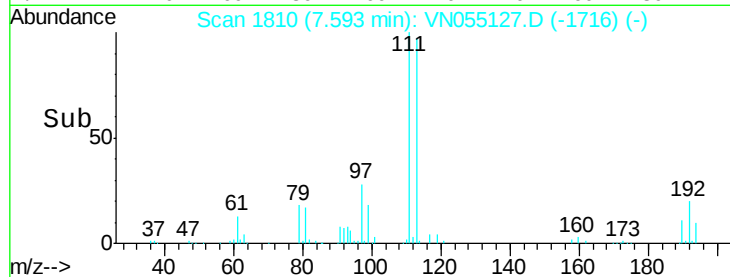
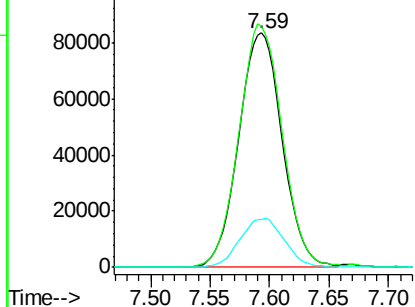
#35
 Dibromofluoromethane
 Concen: 48.349 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.1	123.1
192	21.3	16.5	24.7

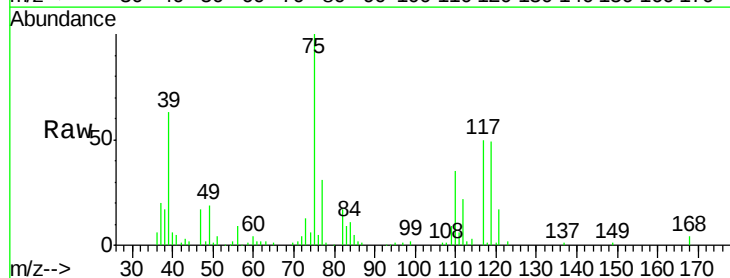


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

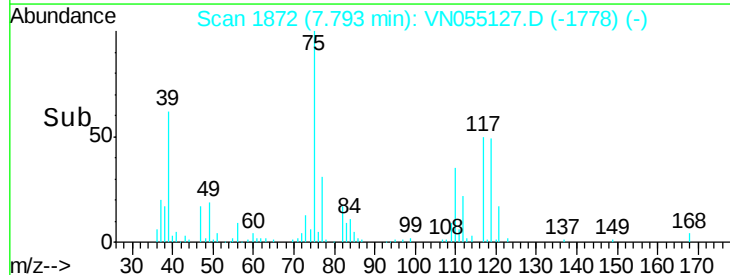
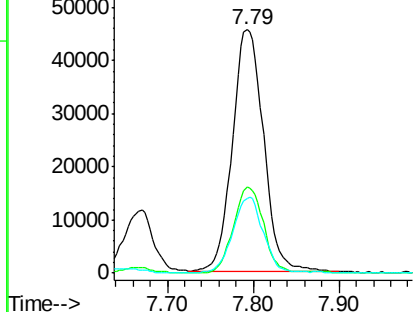


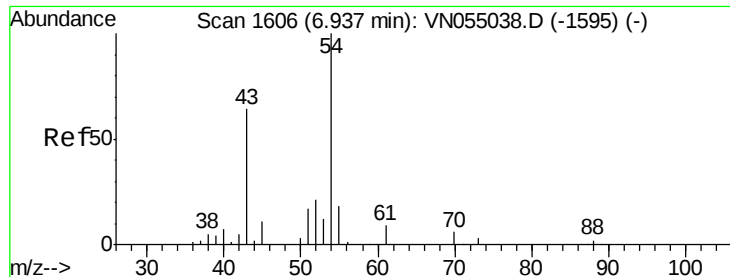
#36
 1,1-Dichloropropene
 Concen: 18.569 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.5	52.5
77	30.9	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

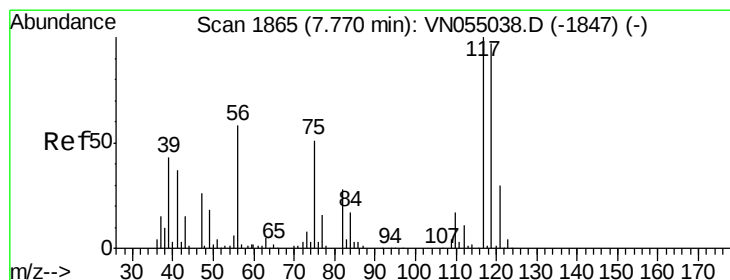
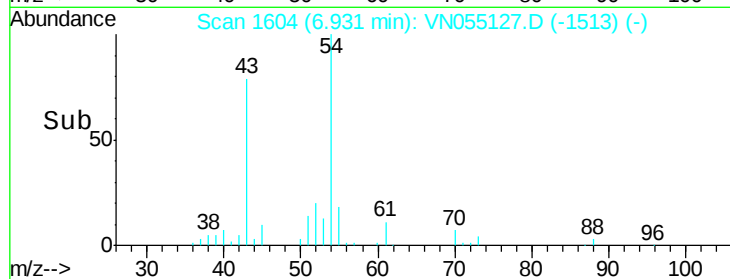
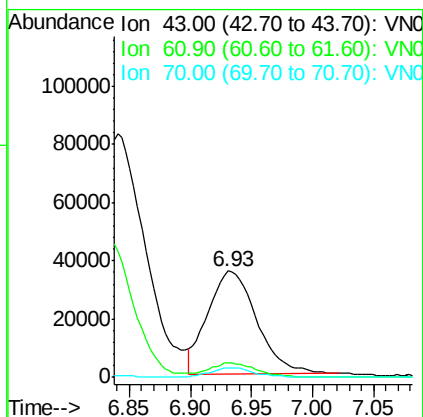
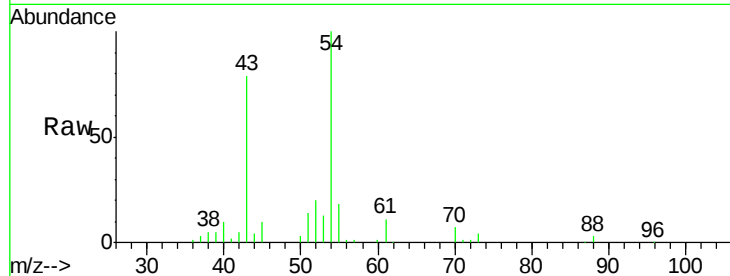




#37
Ethyl Acetate
Concen: 19.974 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

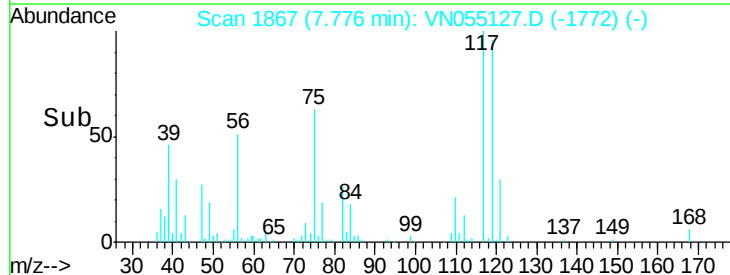
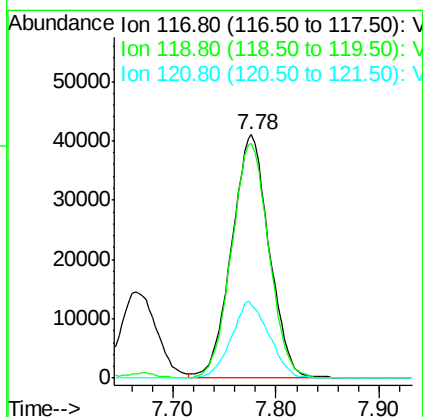
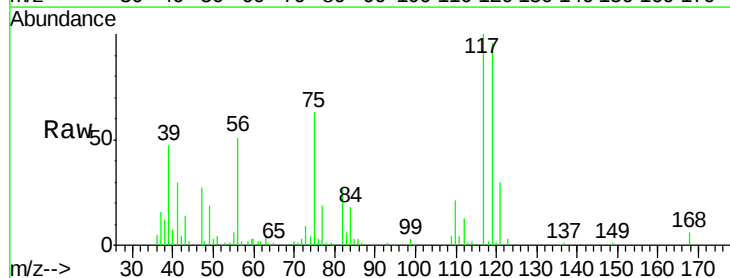
Instrument :
MSVOA_N
ClientSampled :

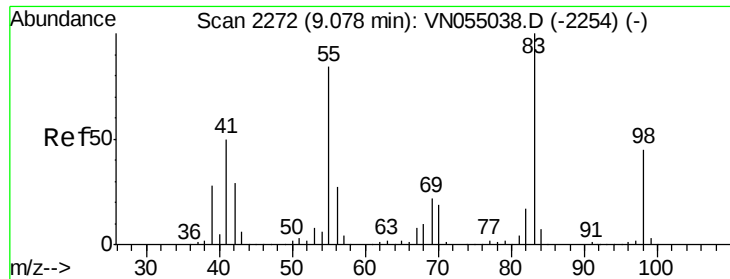
Tot Ion: 43 Resp: 100371
Ion Ratio Lower Upper
43 100
61 12.4 10.0 15.0
70 8.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 17.673 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 117 Resp: 103784
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5
121 30.3 23.9 35.9

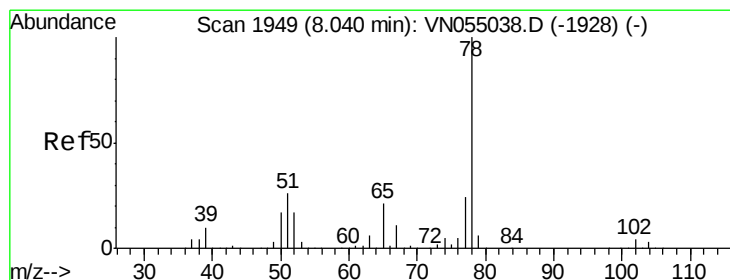
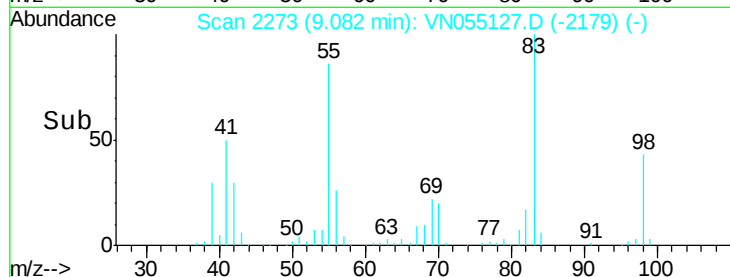
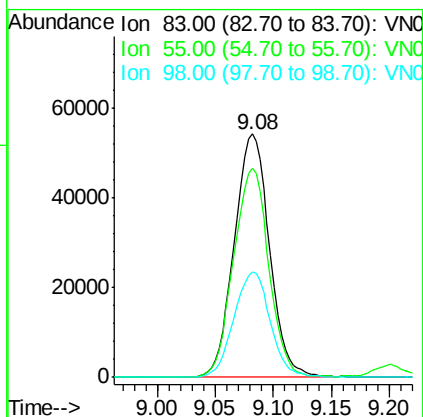
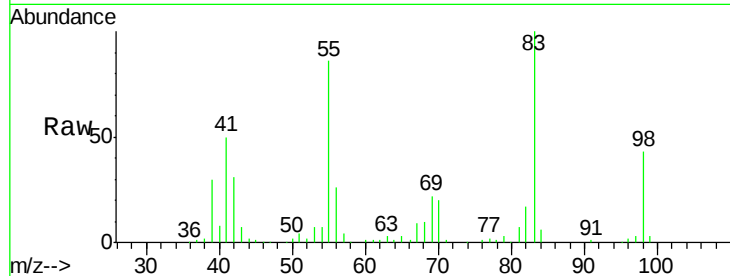




#39
Methvlcvclohexane
Concen: 17.153 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

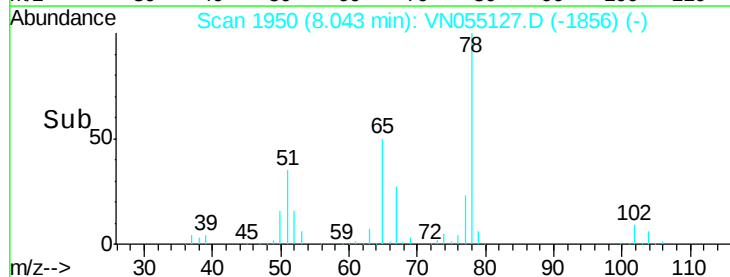
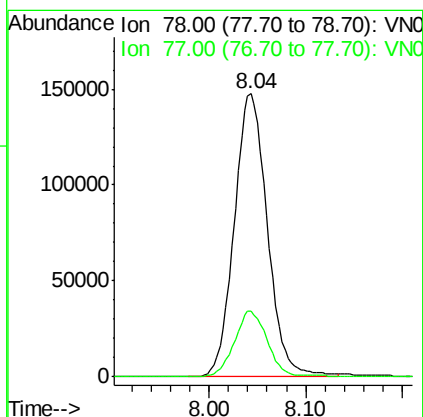
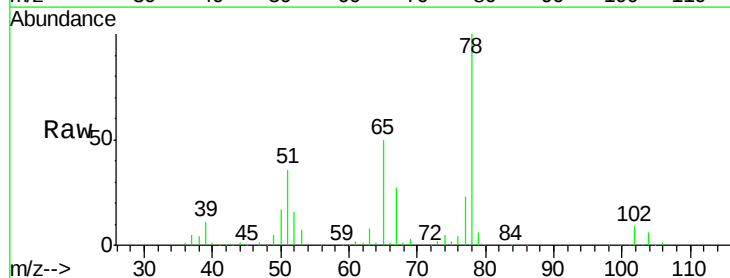
Instrument :
MSVOA_N
ClientSampleId :

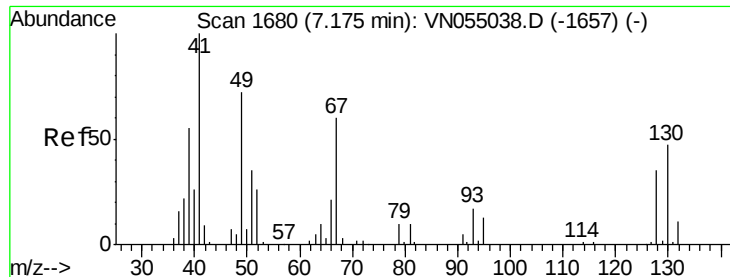
Tot Ion: 83 Resp: 114725
Ion Ratio Lower Upper
83 100
55 86.1 67.0 100.4
98 43.3 35.6 53.4



#40
Benzene
Concen: 18.911 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 78 Resp: 351800
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

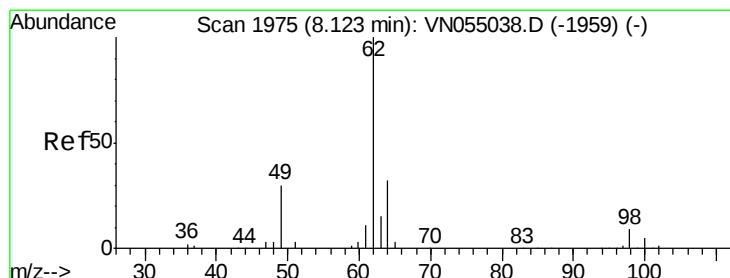
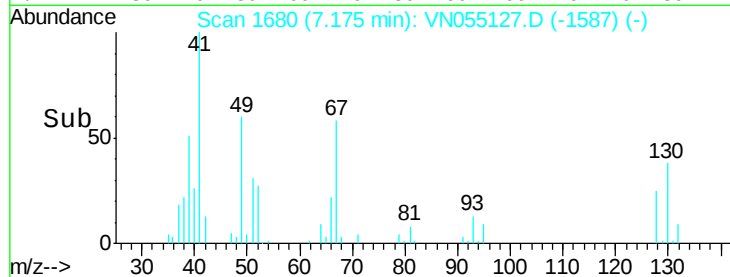
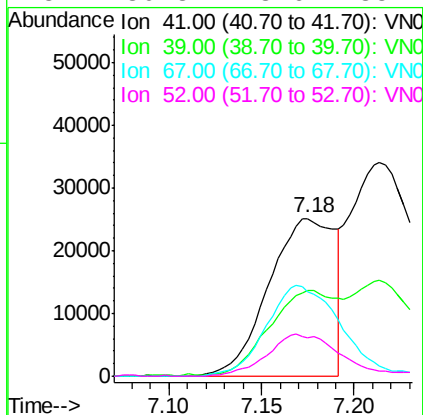
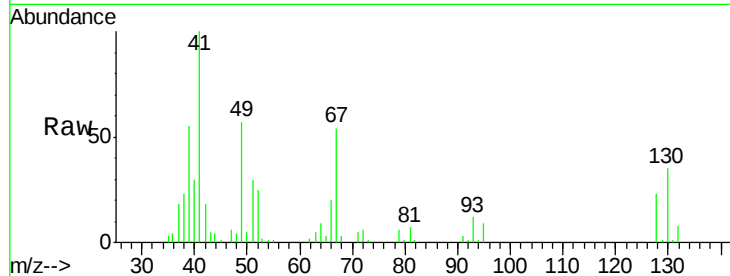




#41
Methacrylonitrile
Concen: 22.365 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

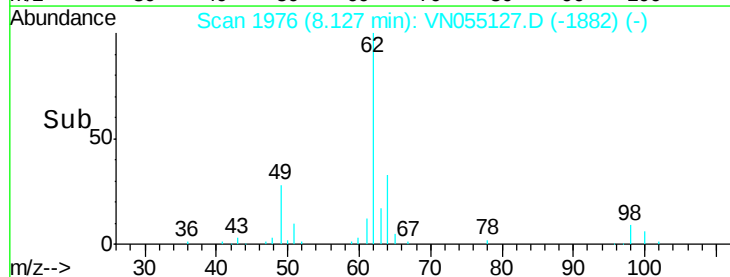
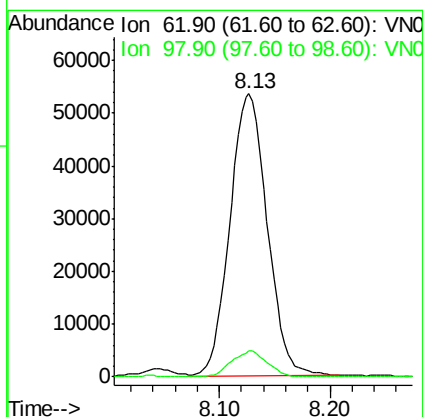
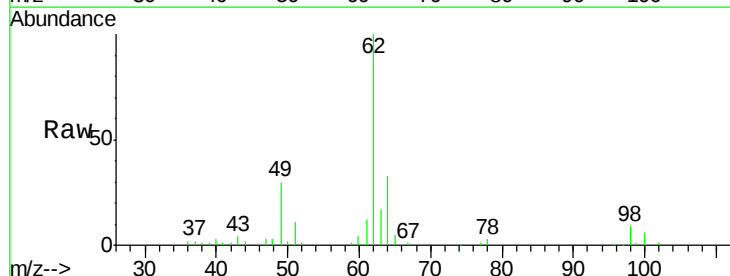
Instrument :
MSVOA_N
ClientSampled :

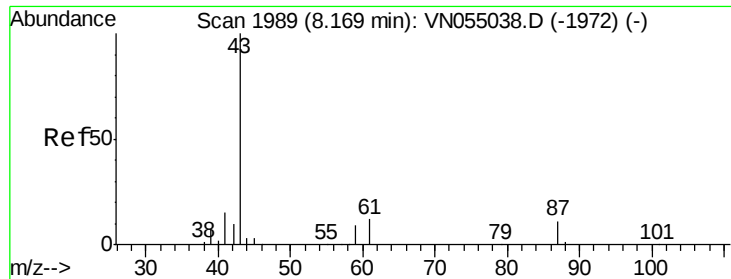
Tot Ion:	41	Resp:	62385
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.6	68.4
67	65.0	57.0	85.6
52	30.3	23.6	35.4



#42
1,2-Dichloroethane
Concen: 19.385 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion:	62	Resp:	125204
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4





#43

Isopropyl Acetate

Concen: 23.338 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :
MSVOA_N
ClientSampleId :

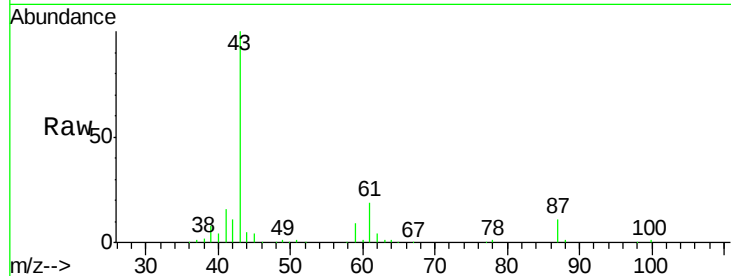
Tot Ion: 43 Resp: 180702

Ion Ratio Lower Upper

43 100

61 17.4 14.3 21.5

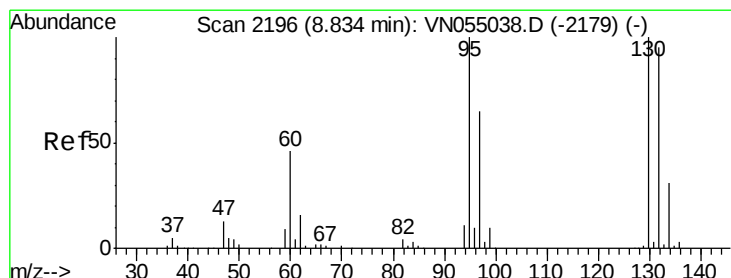
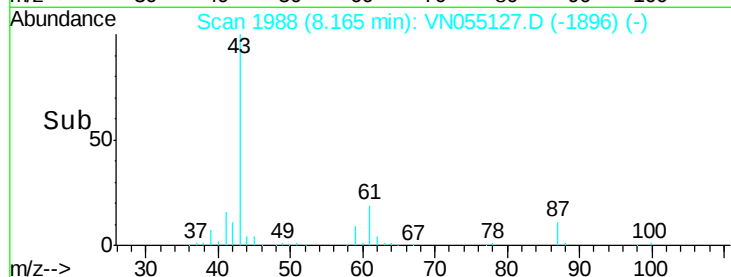
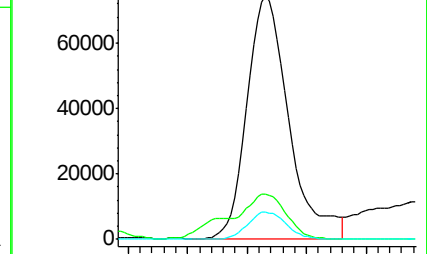
87 10.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055127.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN055127.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN055127.D (-1896) (-)



#44

Trichloroethene

Concen: 19.010 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055127.D

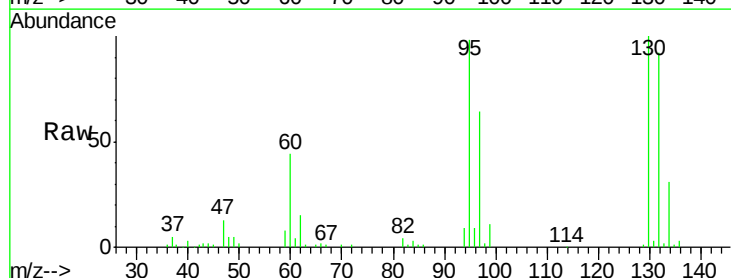
Acq: 18 Apr 2019 17:53

Tgt Ion:130 Resp: 88579

Ion Ratio Lower Upper

130 100

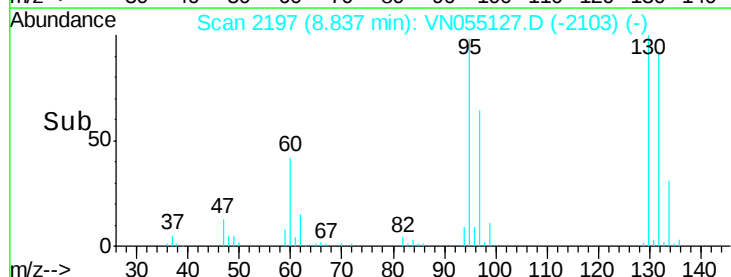
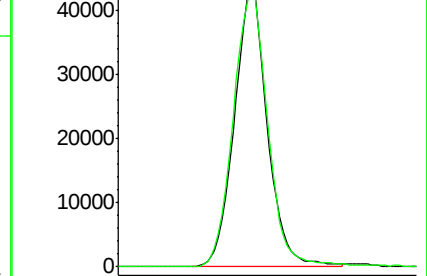
95 97.6 0.0 201.6

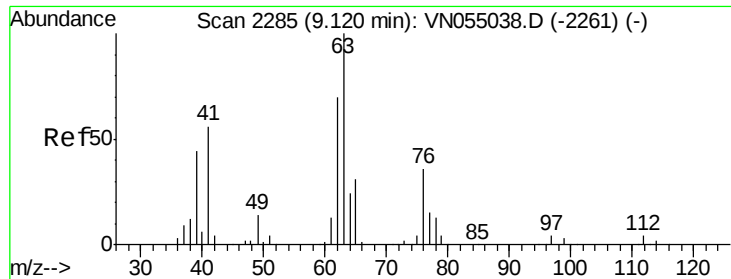


Abundance Ion 129.80 (129.50 to 130.50): VN055127.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055127.D (-2103) (-)

Ion 114.00 (113.70 to 114.70): VN055127.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 19.444 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

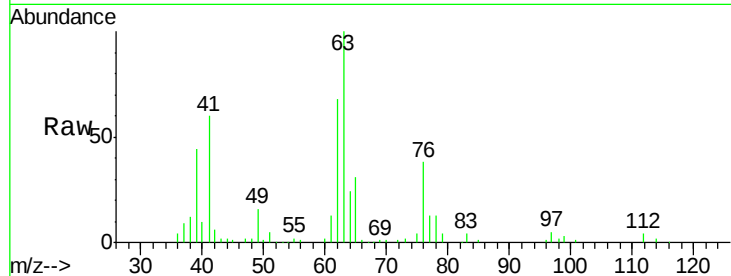
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 100875

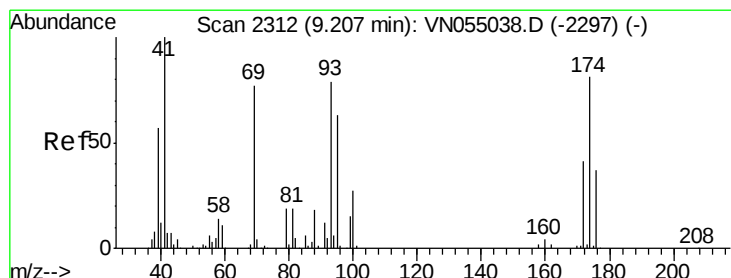
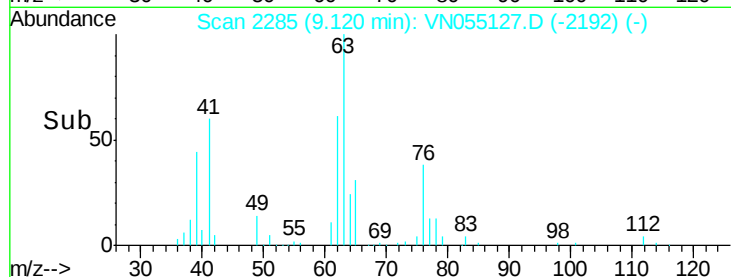
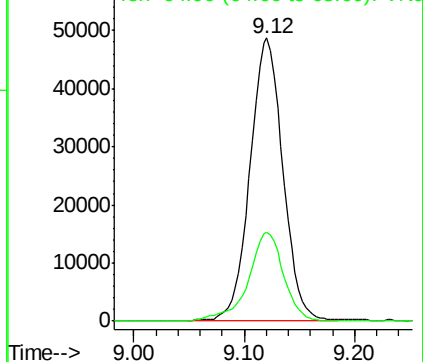
Ion Ratio Lower Upper

63 100

65 31.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 20.084 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

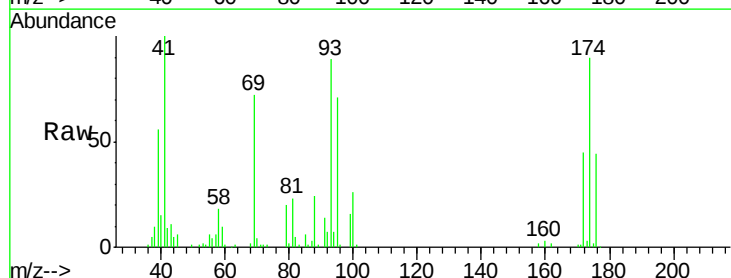
Tgt Ion: 93 Resp: 59308

Ion Ratio Lower Upper

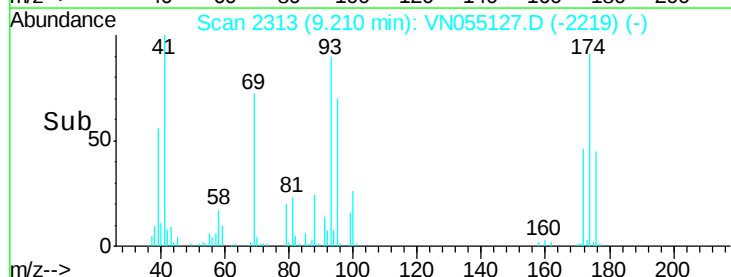
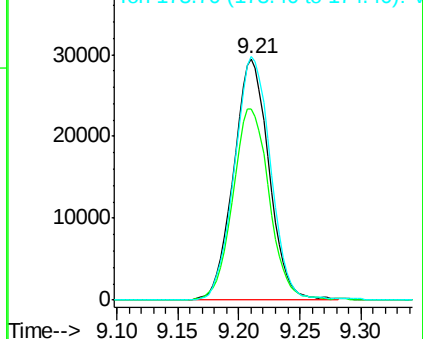
93 100

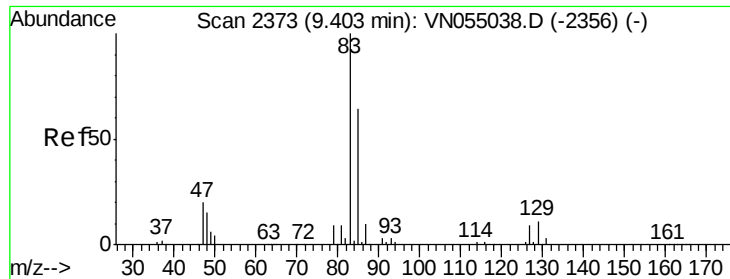
95 81.3 65.0 97.6

174 102.4 81.0 121.6



Abundance Ion 92.80 (92.50 to 93.50): VNO
Ion 94.80 (94.50 to 95.50): VNO
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.254 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

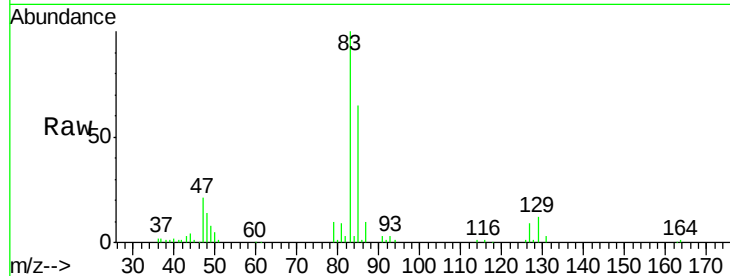
Tot Ion: 83 Resp: 117220

Ion Ratio Lower Upper

83 100

85 65.5 51.2 76.8

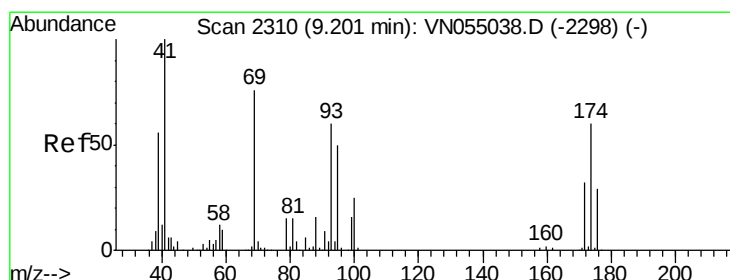
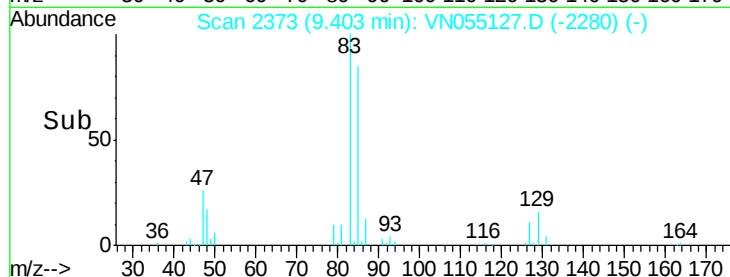
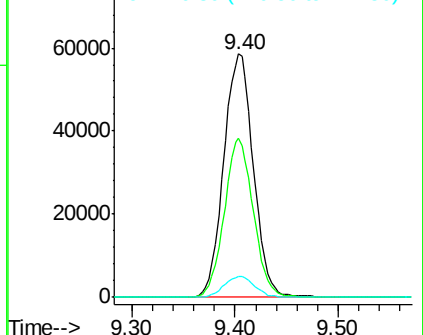
127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN055127.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055127.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055127.D (-2280) (-)



#48

Methyl methacrylate

Concen: 21.955 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

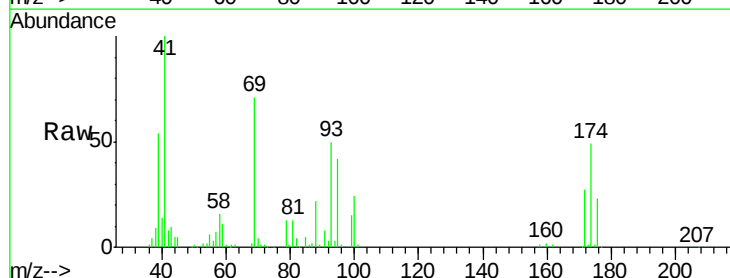
Tgt Ion: 41 Resp: 84257

Ion Ratio Lower Upper

41 100

69 72.7 60.5 90.7

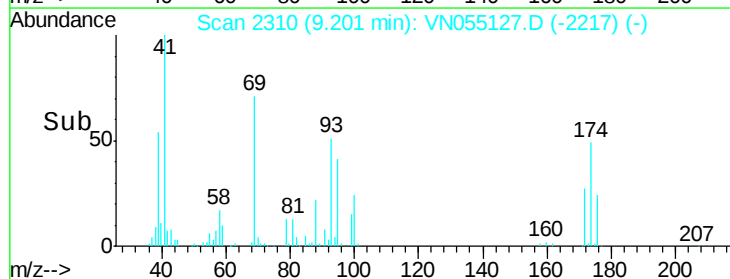
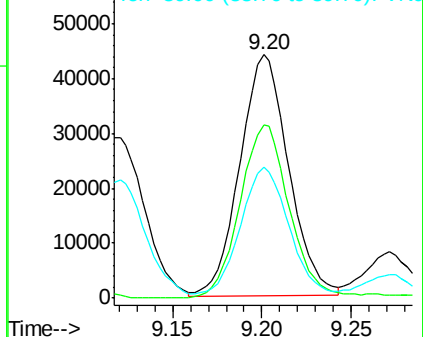
39 53.2 43.9 65.9

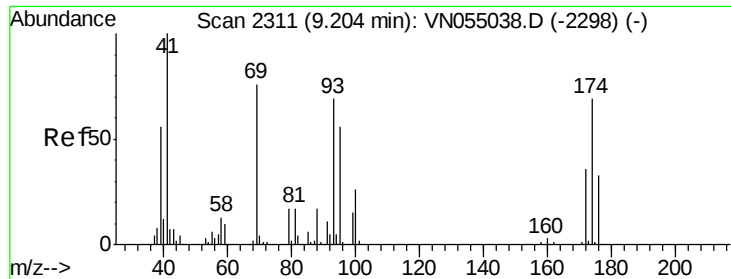


Abundance Ion 41.00 (40.70 to 41.70): VN055127.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055127.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055127.D (-2217) (-)

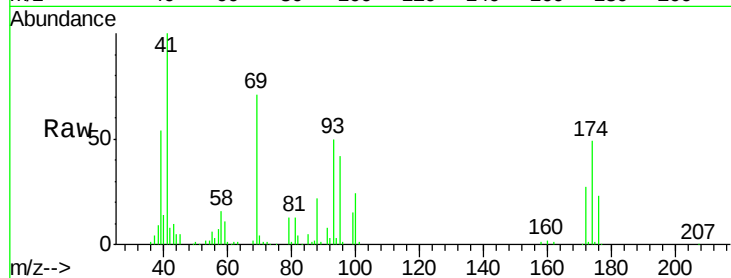




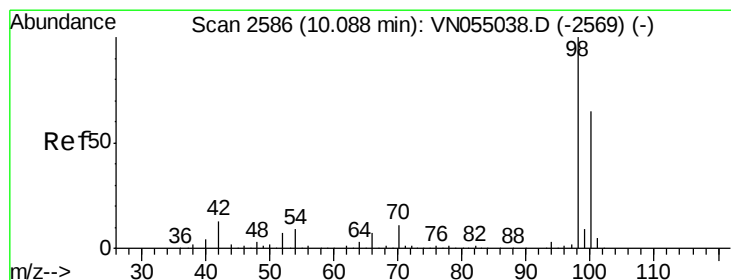
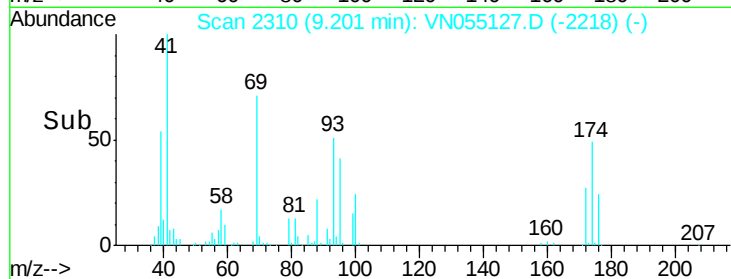
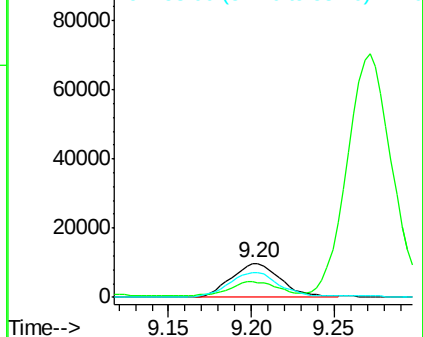
#49
1,4-Dioxane
Concen: 568.842 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 20453
Ion Ratio Lower Upper
88 100
43 39.2 31.8 47.8
58 75.7 61.6 92.4

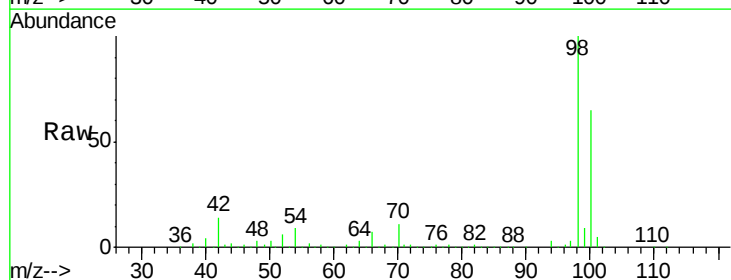


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

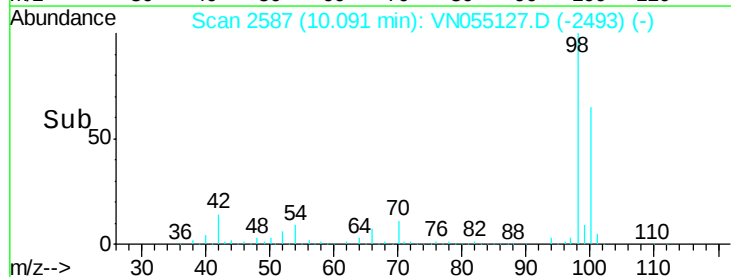
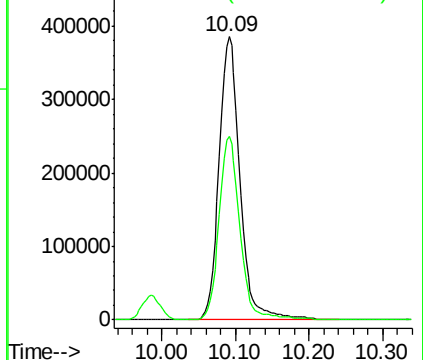


#50
Toluene-d8
Concen: 48.666 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 98 Resp: 762183
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7



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

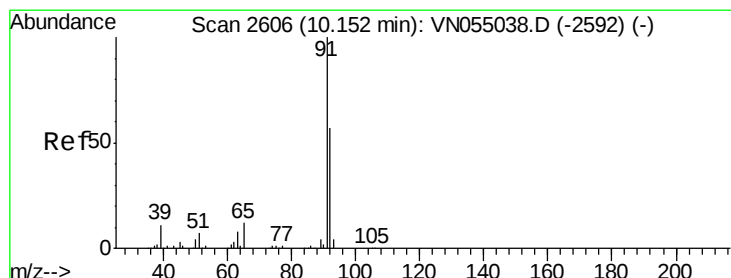
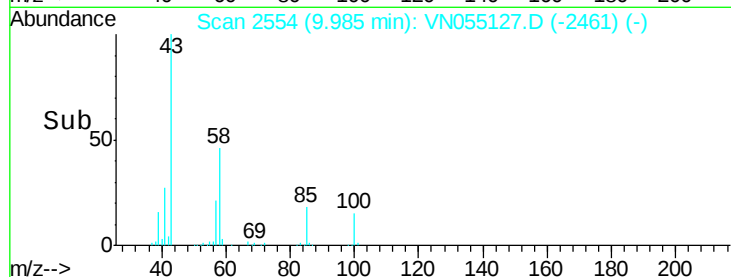
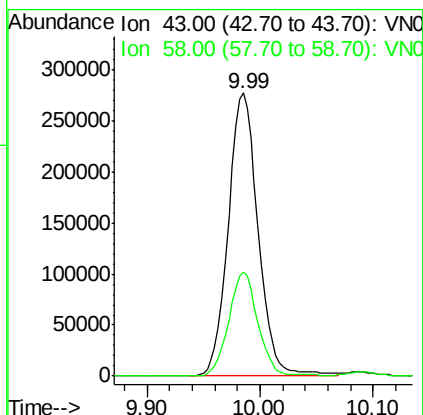
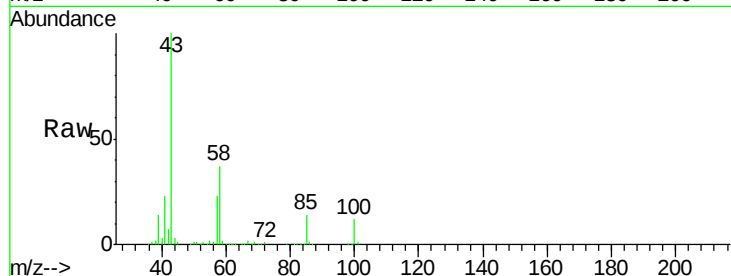




#51
 4-Methyl-2-Pentanone
 Concen: 113.556 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

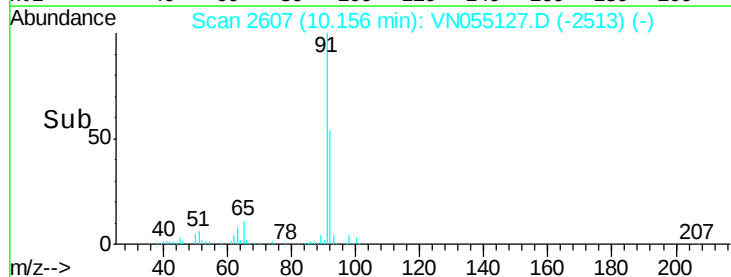
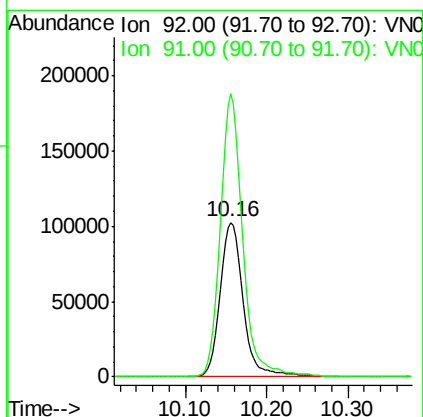
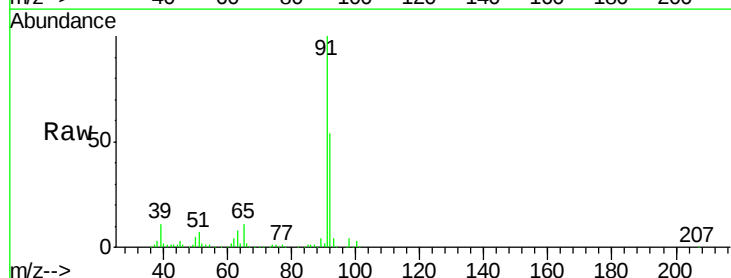
Instrument :
 MSVOA_N
 ClientSampled :

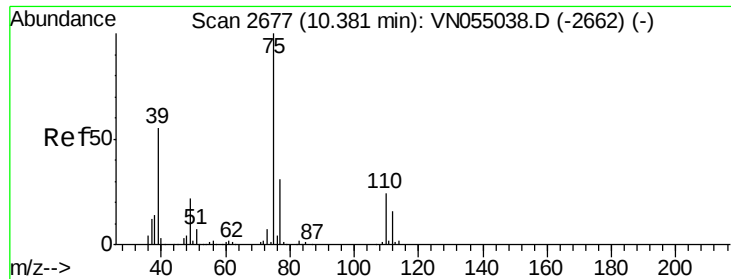
Tot Ion: 43 Resp: 507961
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.0 43.4



#52
 Toluene
 Concen: 19.345 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion: 92 Resp: 206109
 Ion Ratio Lower Upper
 92 100
 91 177.3 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 19.397 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

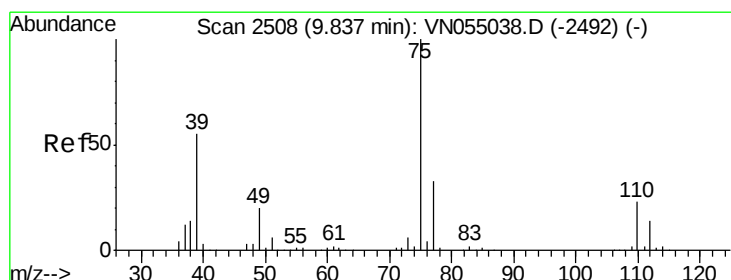
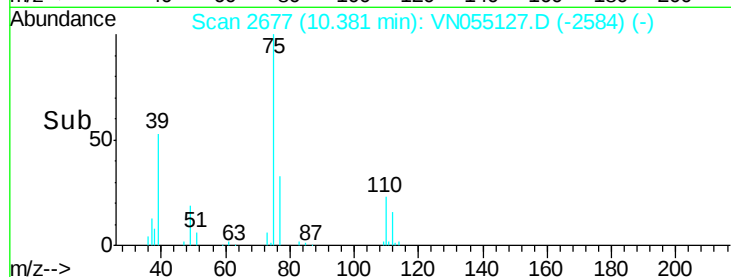
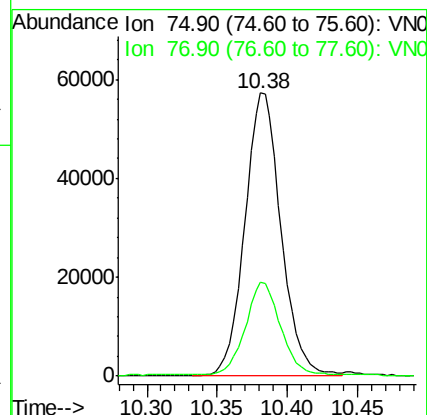
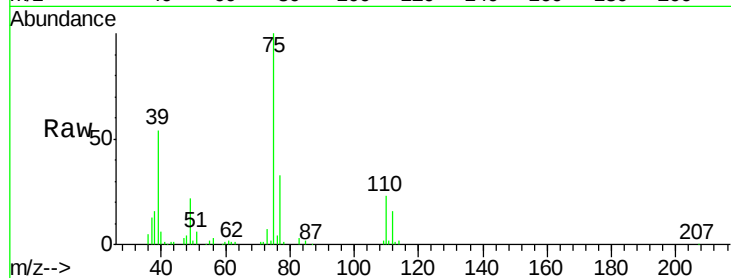
ClientSampleId :

Tot Ion: 75 Resp: 103202

Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.622 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

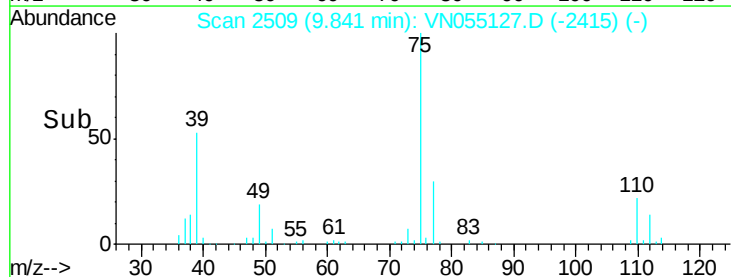
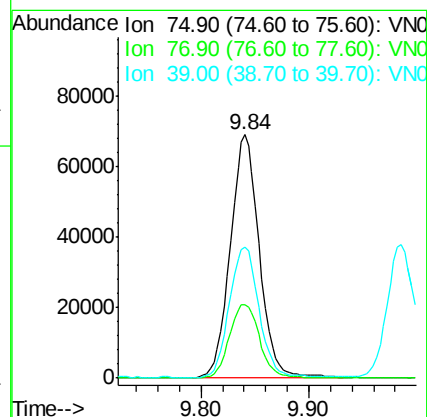
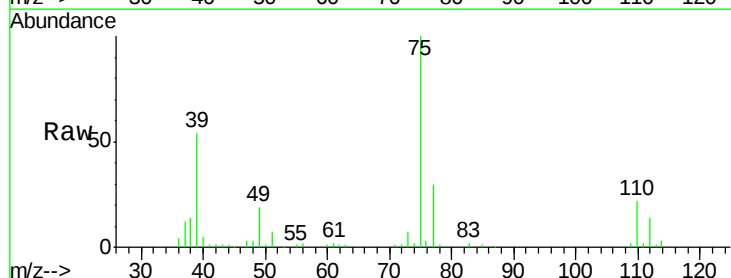
Tgt Ion: 75 Resp: 129577

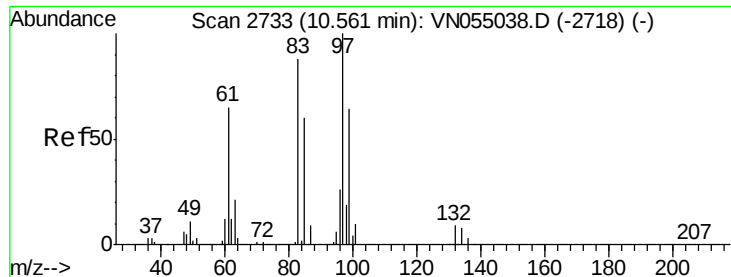
Ion Ratio Lower Upper

75 100

77 30.1 25.8 38.6

39 53.4 43.8 65.8

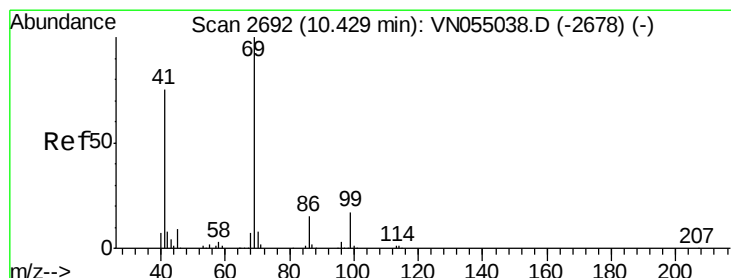
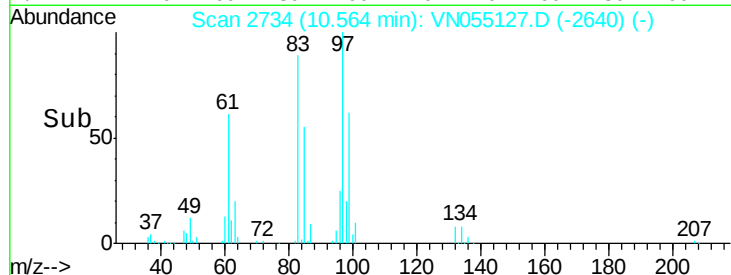
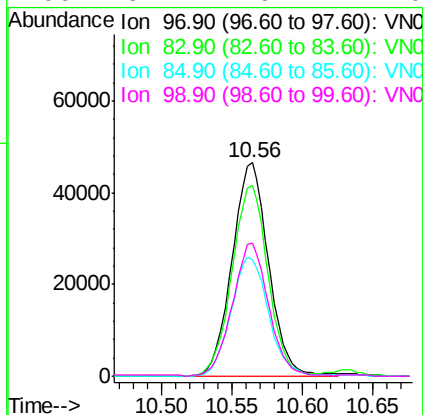
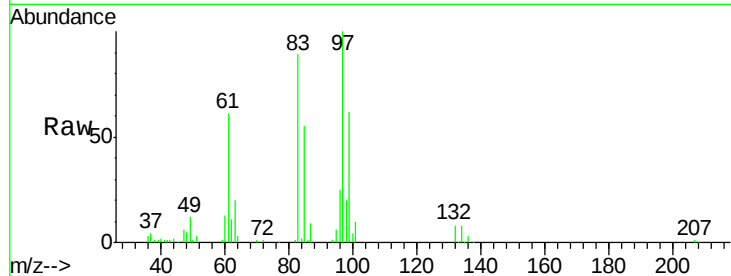




#55
 1,1,2-Trichloroethane
 Concen: 20.593 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

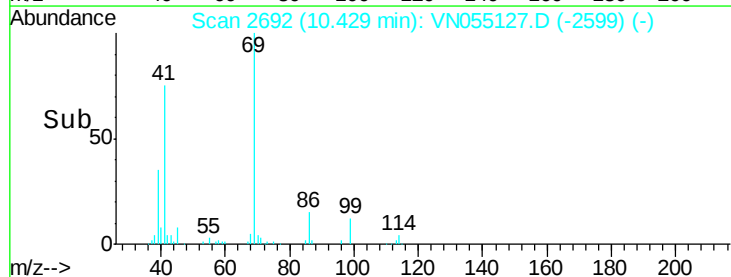
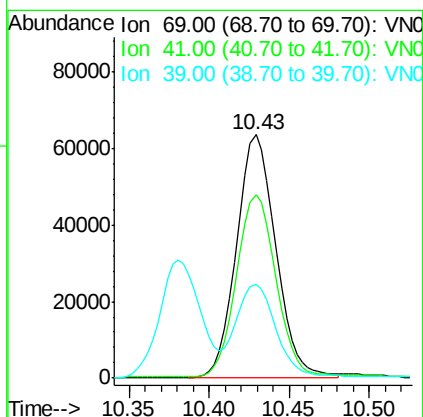
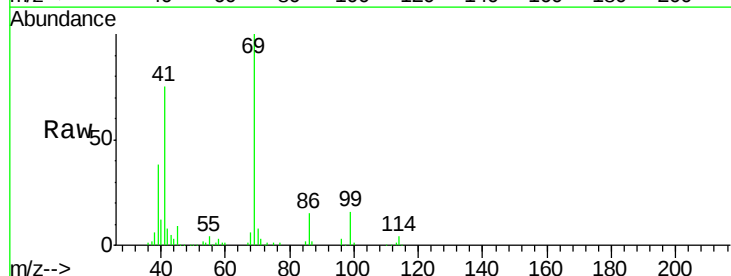
Instrument :
 MSVOA_N
 ClientSampleId :

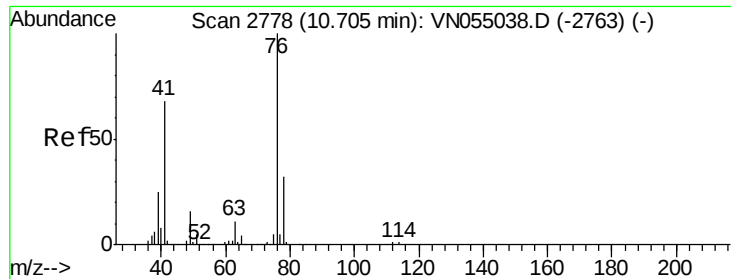
Tot Ion: 97 Resp: 84534
 Ion Ratio Lower Upper
 97 100
 83 89.3 70.5 105.7
 85 54.6 45.5 68.3
 99 62.4 49.4 74.0



#56
 Ethyl methacrylate
 Concen: 21.634 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion: 69 Resp: 106577
 Ion Ratio Lower Upper
 69 100
 41 74.9 61.4 92.0
 39 38.6 30.8 46.2

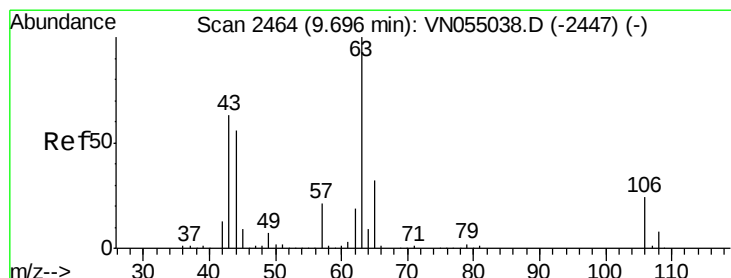
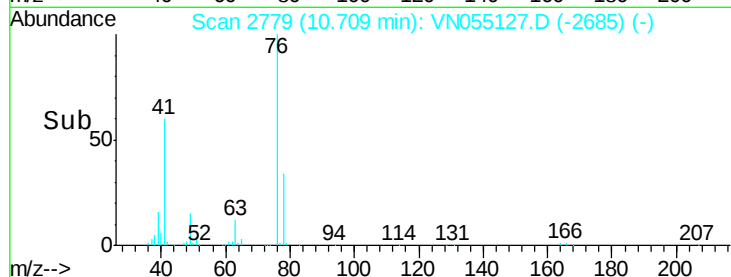
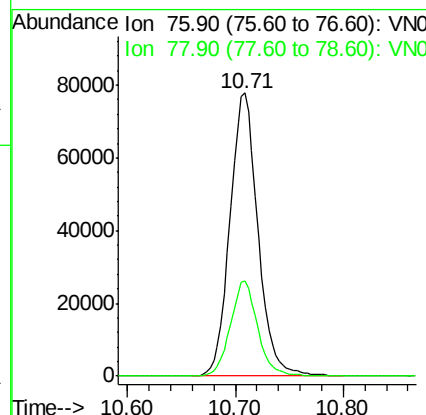
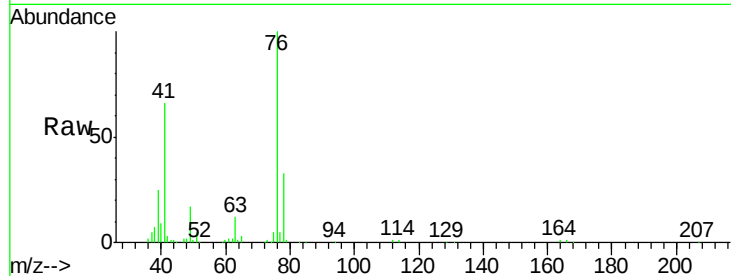




#57
 1,3-Dichloropropane
 Concen: 20.209 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

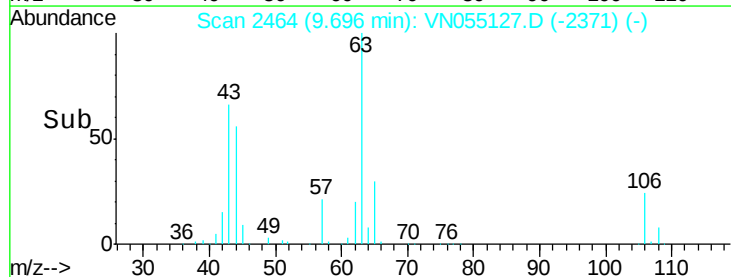
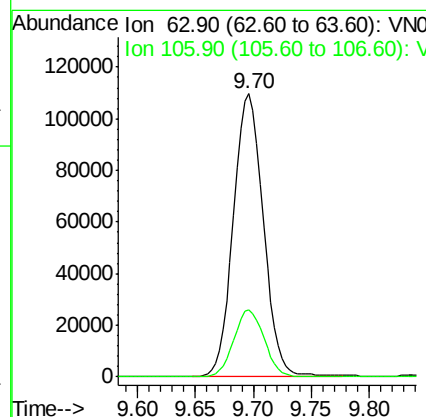
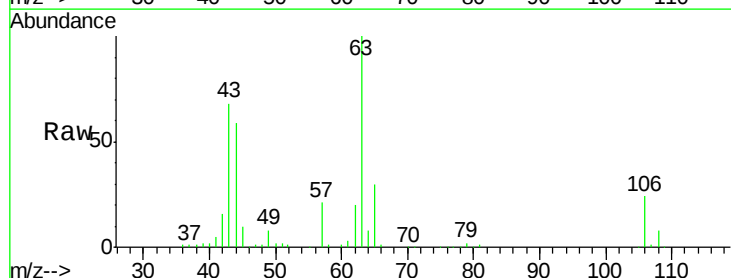
Instrument :
 MSVOA_N
 ClientSampled :

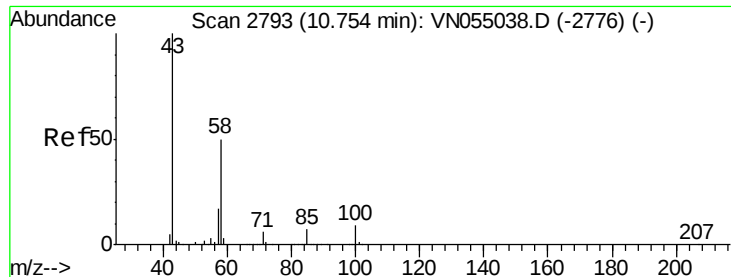
Tot Ion: 76 Resp: 141240
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.166 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion: 63 Resp: 197668
 Ion Ratio Lower Upper
 63 100
 106 23.8 20.0 30.0

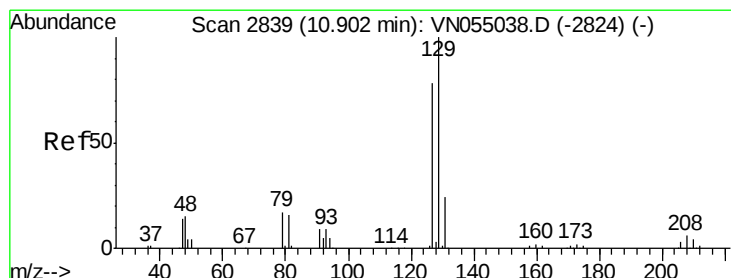
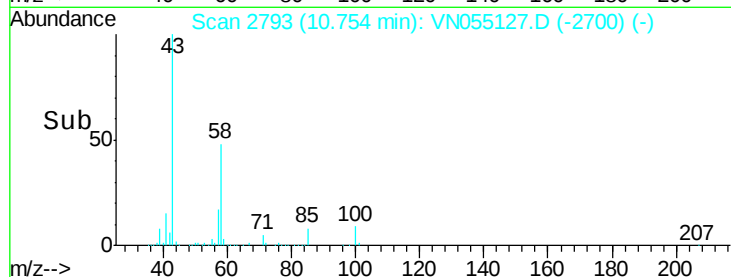
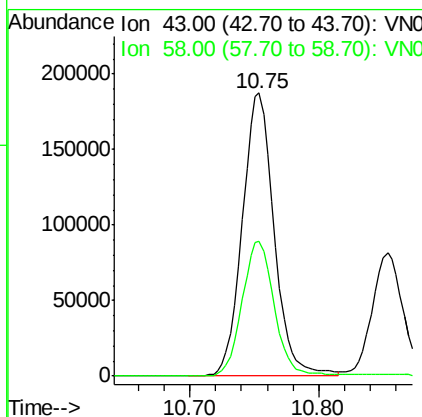
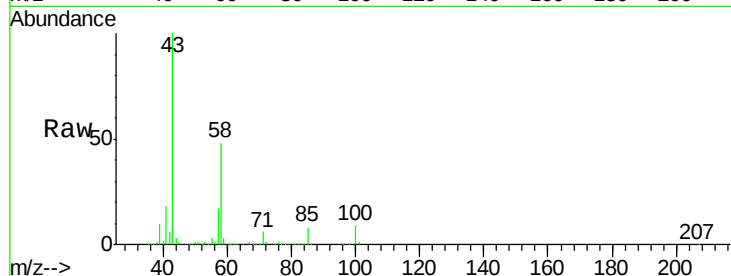




#59
2-Hexanone
Concen: 113.872 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

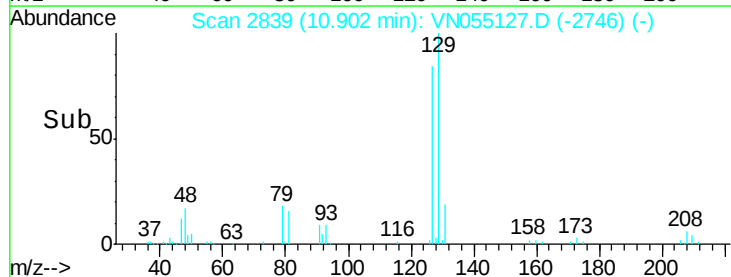
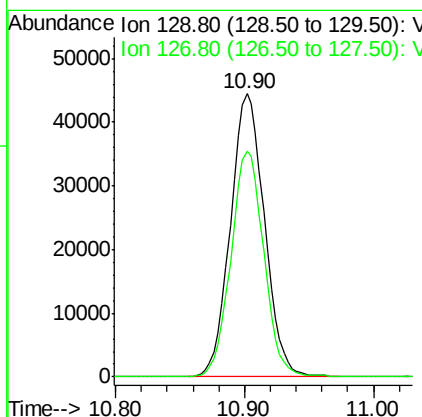
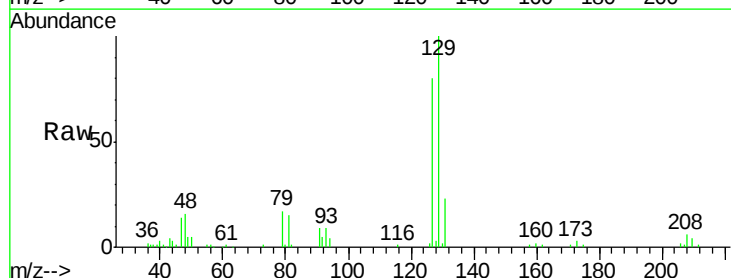
Instrument :
MSVOA_N
ClientSampled :

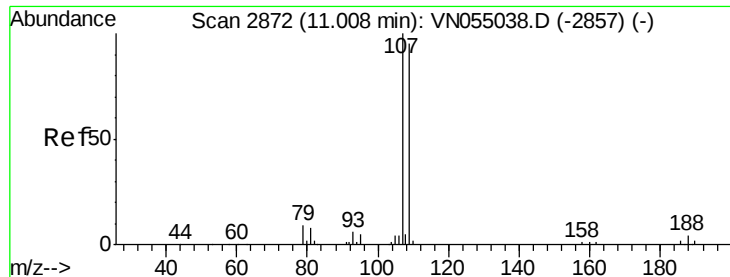
Tot Ion: 43 Resp: 319936
Ion Ratio Lower Upper
43 100
58 48.5 25.1 75.2



#60
Dibromochloromethane
Concen: 20.350 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 129 Resp: 81572
Ion Ratio Lower Upper
129 100
127 76.8 38.2 114.6

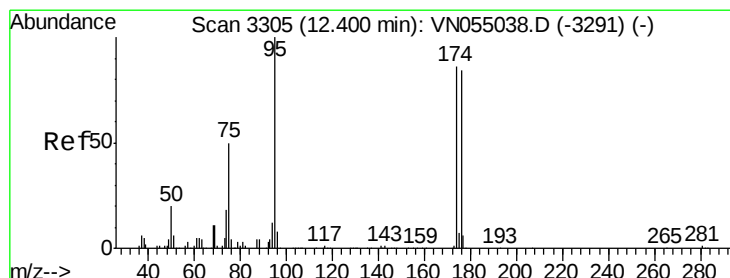
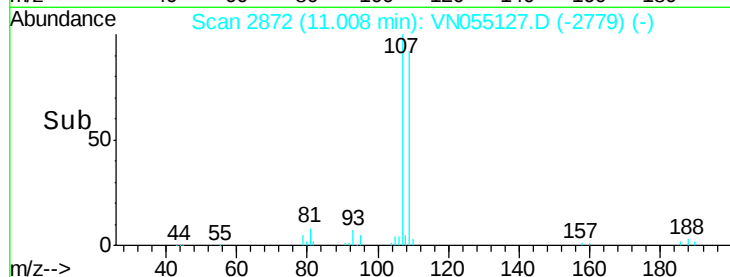
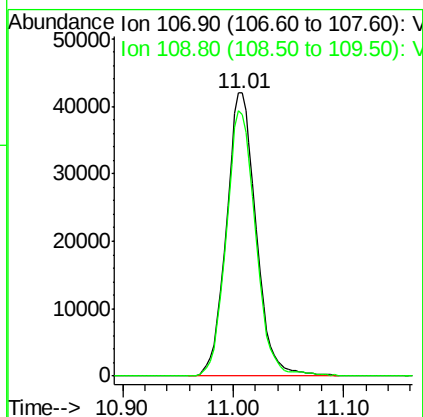
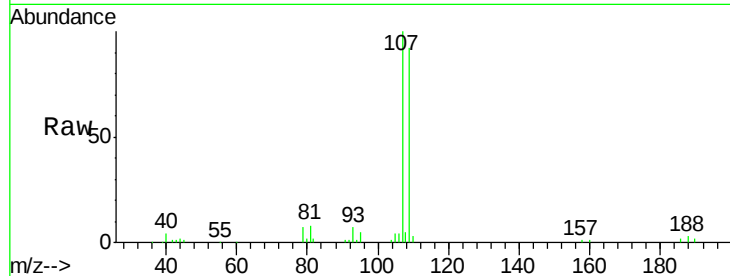




#61
 1,2-Dibromoethane
 Concen: 20.711 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

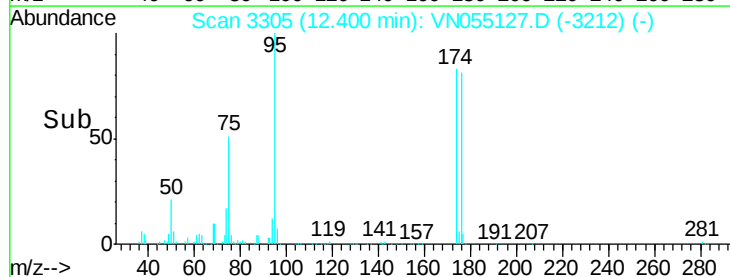
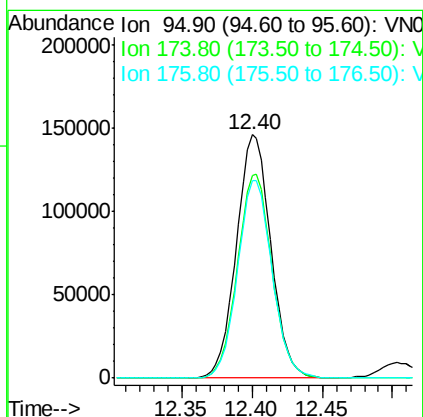
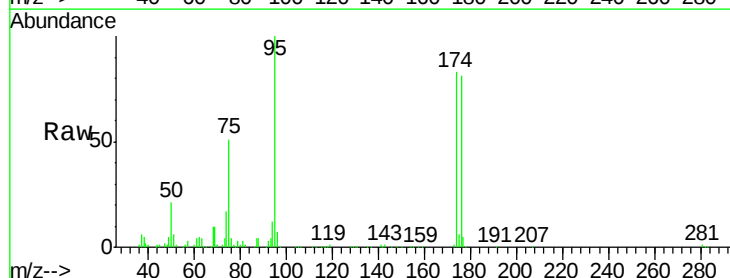
Instrument :
 MSVOA_N
 ClientSampleId :

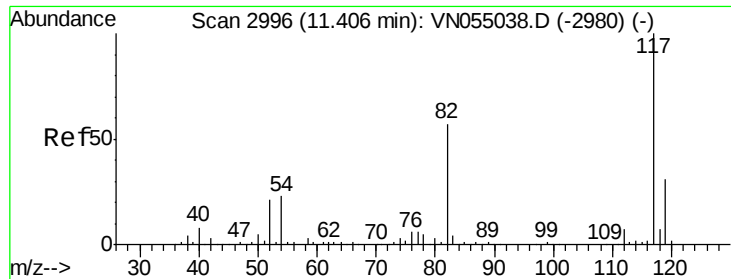
Tot Ion: 107 Resp: 78250
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 49.180 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion: 95 Resp: 250400
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 174.4
 176 81.4 0.0 166.8

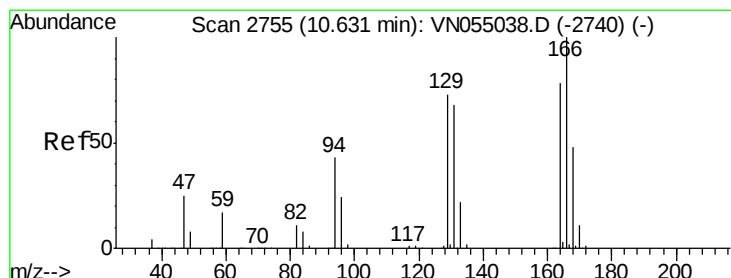
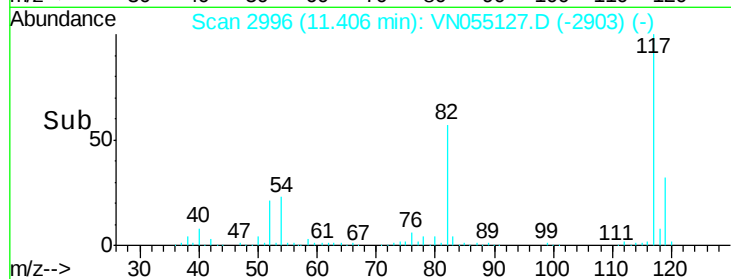
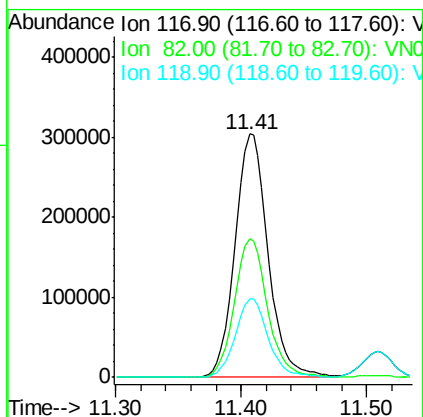
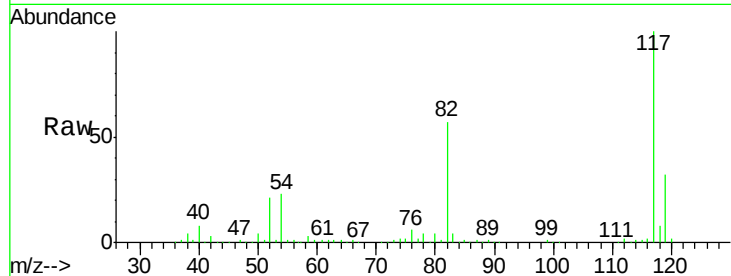




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

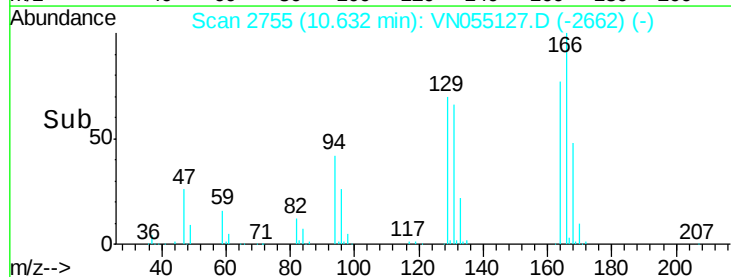
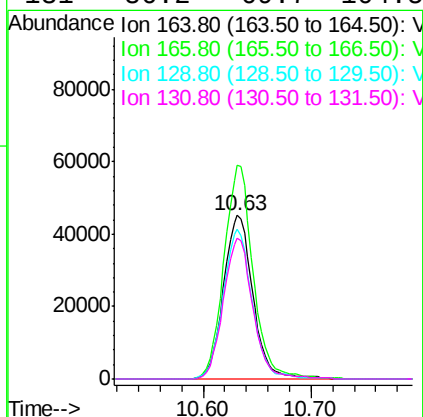
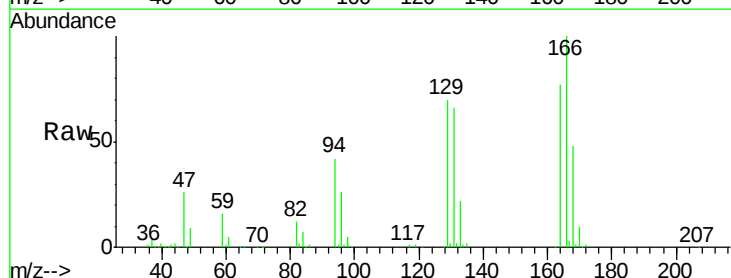
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 557167
Ion Ratio Lower Upper
117 100
82 56.7 44.6 66.8
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 18.924 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion:164 Resp: 85740
Ion Ratio Lower Upper
164 100
166 130.4 100.0 150.0
129 91.5 72.0 108.0
131 86.2 69.7 104.5

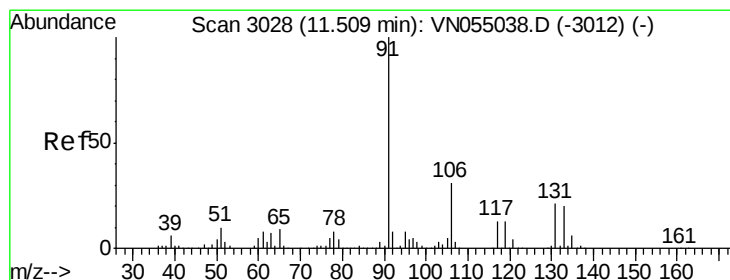
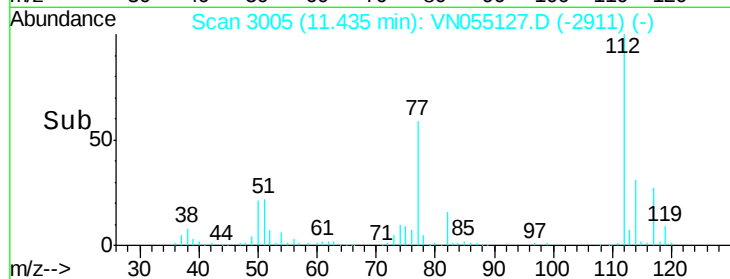
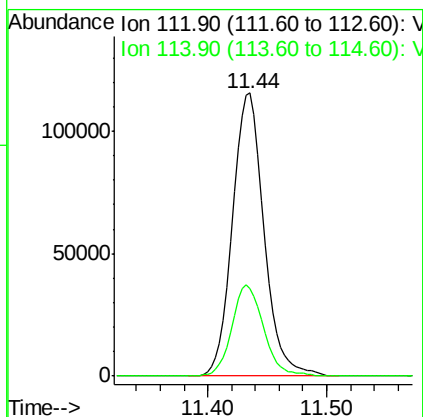
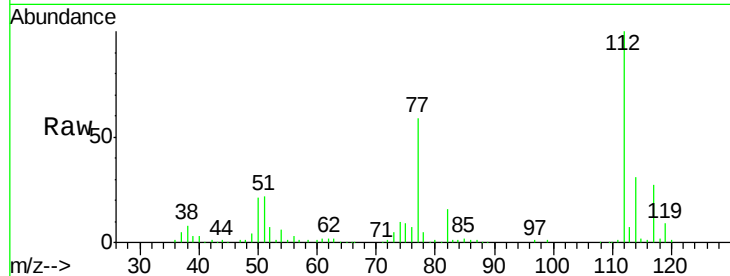




#65
Chlorobenzene
Concen: 18.918 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

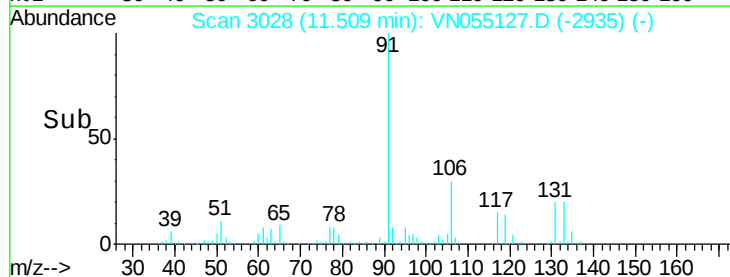
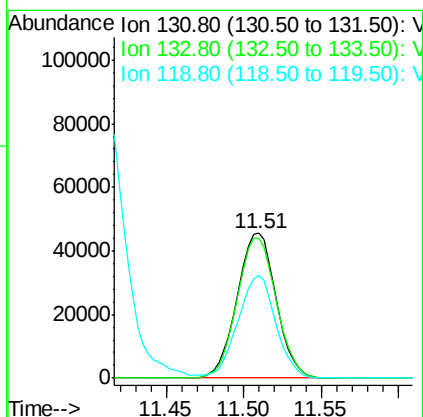
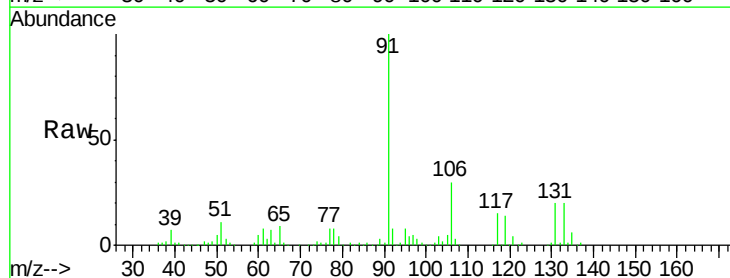
Instrument :
MSVOA_N
ClientSampled :

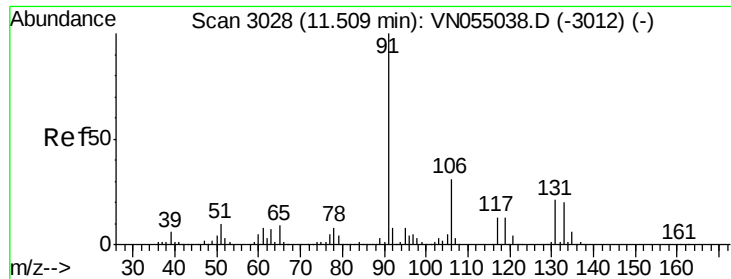
Tot Ion:112 Resp: 212168
Ion Ratio Lower Upper
112 100
114 30.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.451 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion:131 Resp: 80233
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.3
119 68.7 33.6 100.6

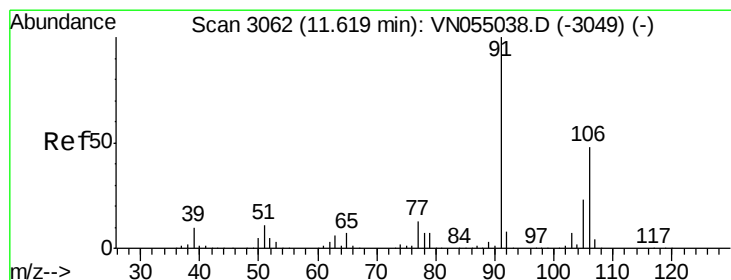
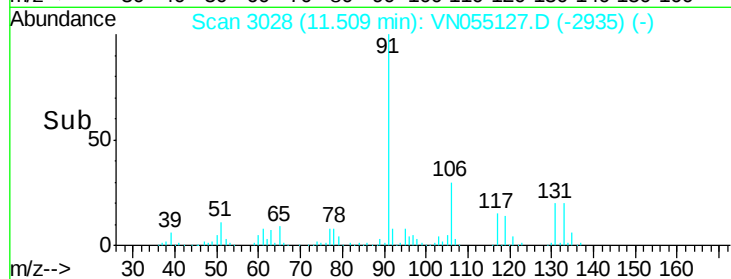
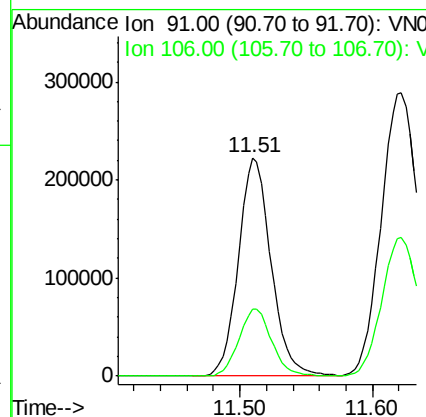
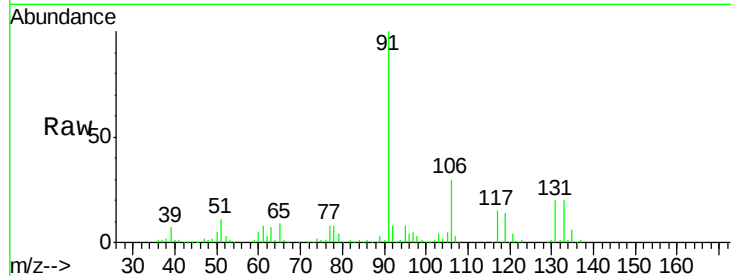




#67
Ethyl Benzene
Concen: 19.046 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

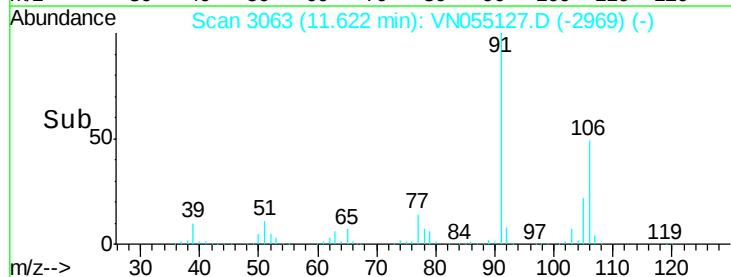
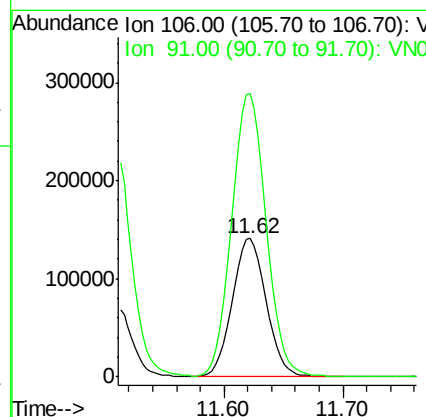
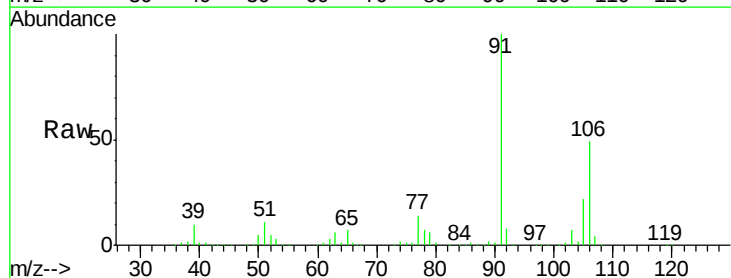
Instrument :
MSVOA_N
ClientSampleId :

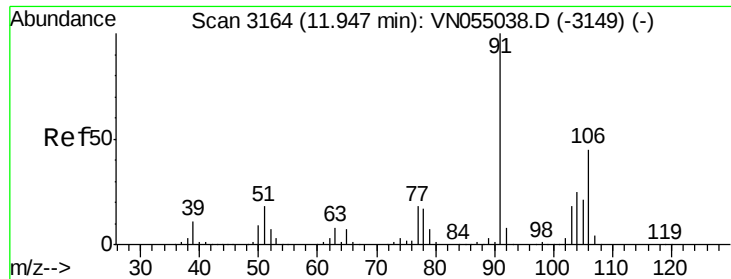
Tot Ion: 91 Resp: 381454
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 38.505 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion: 106 Resp: 279258
Ion Ratio Lower Upper
106 100
91 207.0 165.9 248.9

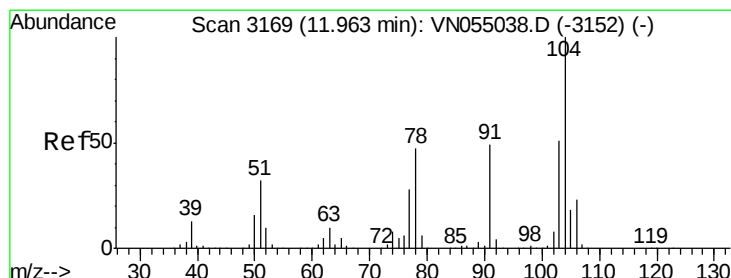
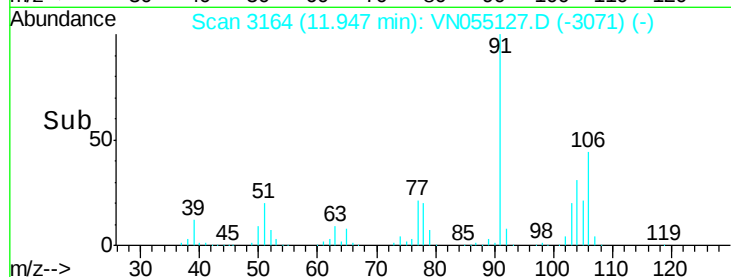
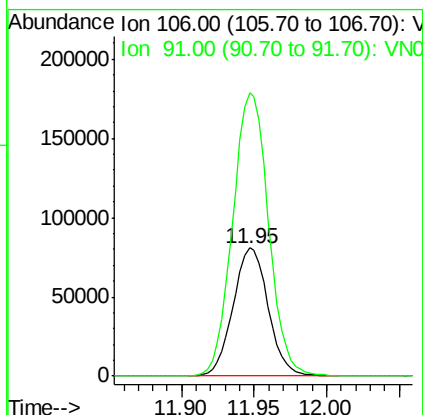
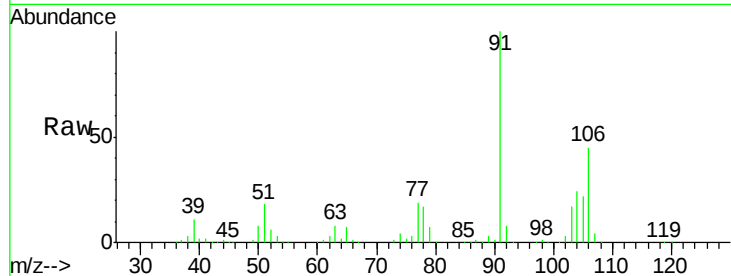




#69
o-Xylene
Concen: 19.467 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

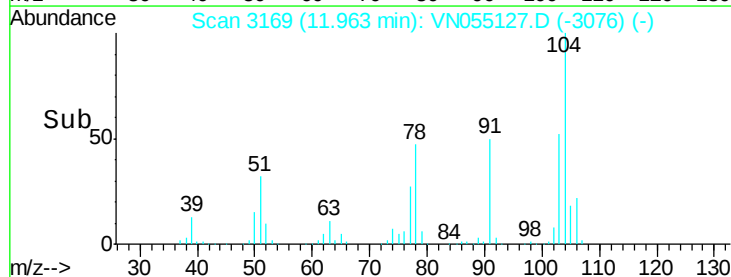
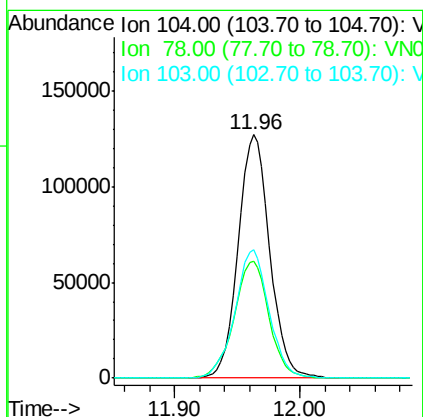
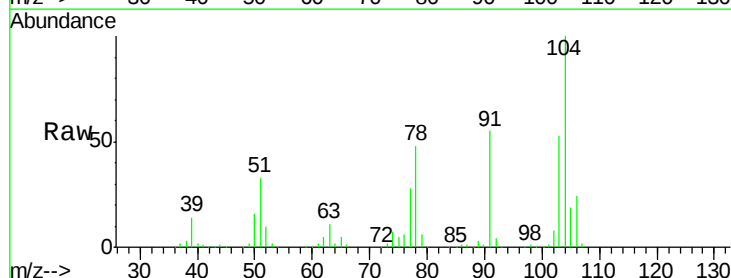
Instrument :
MSVOA_N
ClientSampled :

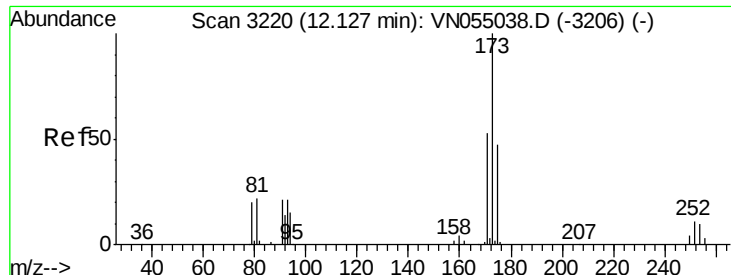
Tot Ion:106 Resp: 136745
Ion Ratio Lower Upper
106 100
91 224.8 109.9 329.8



#70
Styrene
Concen: 19.565 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion:104 Resp: 222467
Ion Ratio Lower Upper
104 100
78 53.1 40.3 60.5
103 56.8 44.3 66.5





#71

Bromoform

Concen: 21.179 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

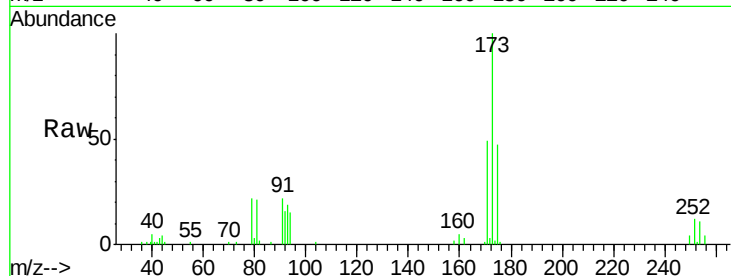
Tot Ion:173 Resp: 50074

Ion Ratio Lower Upper

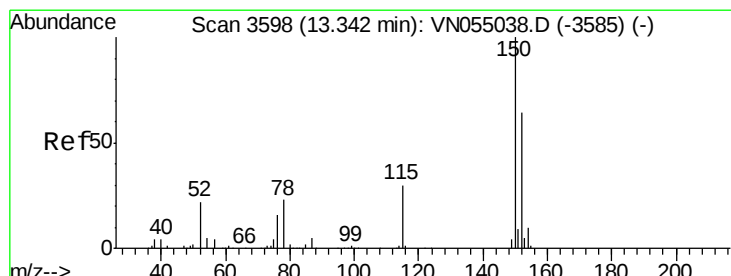
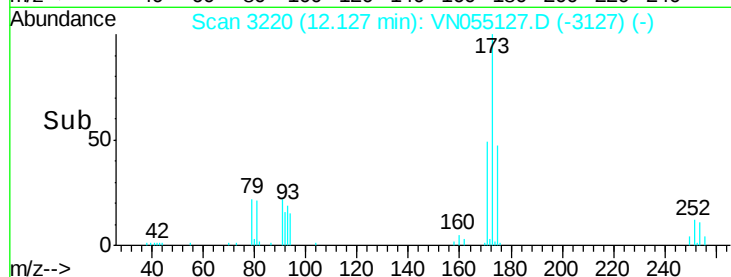
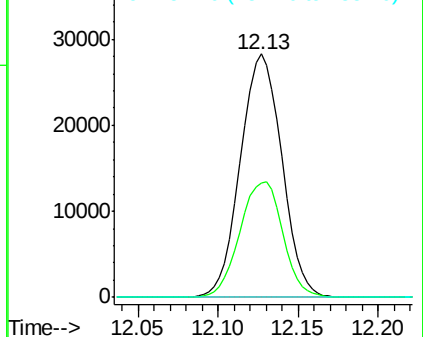
173 100

175 49.0 24.3 73.0

254 0.0 0.1 0.1#



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: VN055127.D

Acq: 18 Apr 2019 17:53

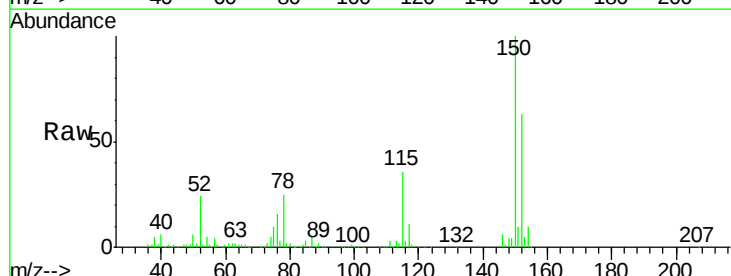
Tgt Ion:152 Resp: 219171

Ion Ratio Lower Upper

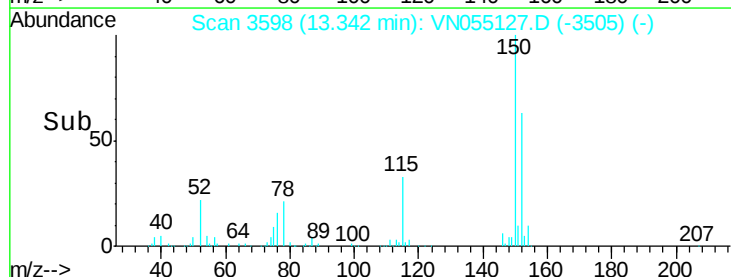
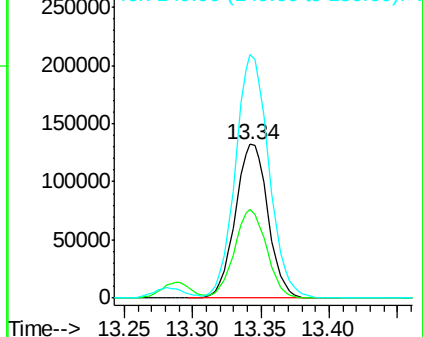
152 100

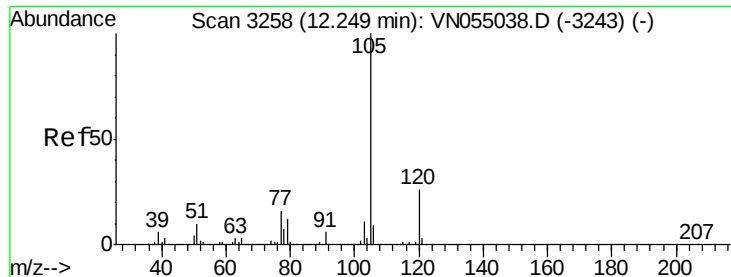
115 57.1 28.5 85.6

150 162.9 0.0 347.2



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: 18.940 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

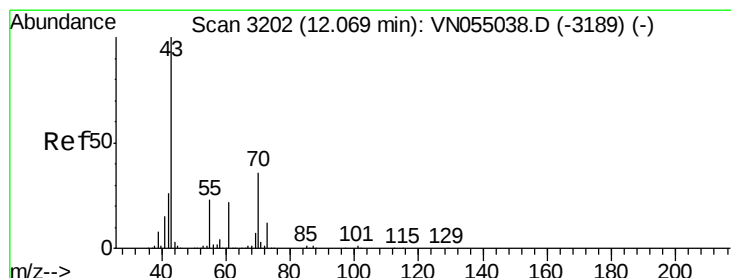
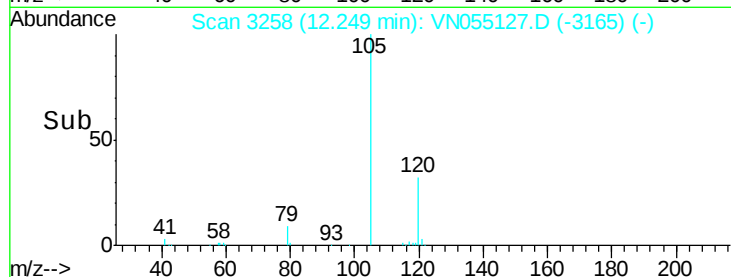
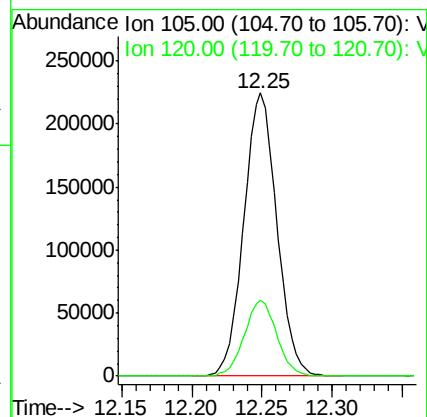
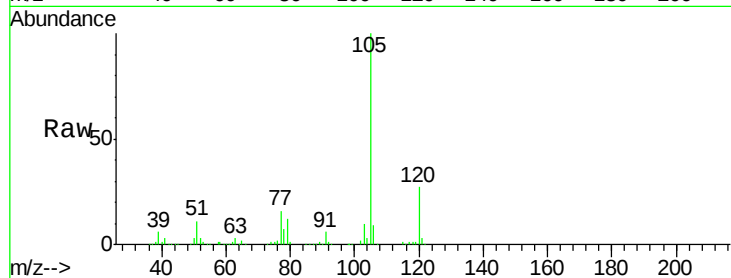
ClientSampled :

Tot Ion:105 Resp: 368351

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 22.205 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Tgt Ion: 43 Resp: 121568

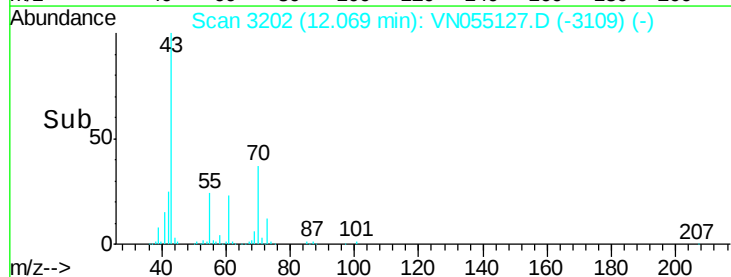
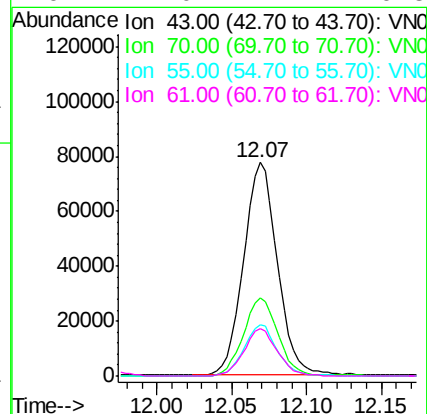
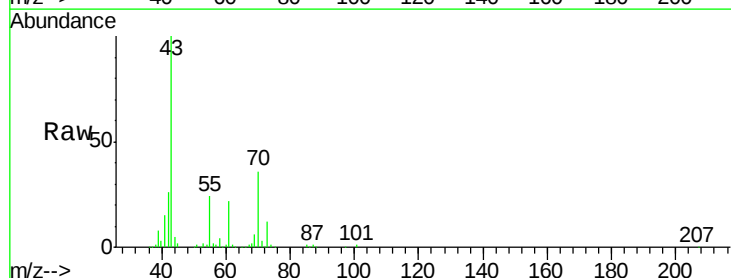
Ion Ratio Lower Upper

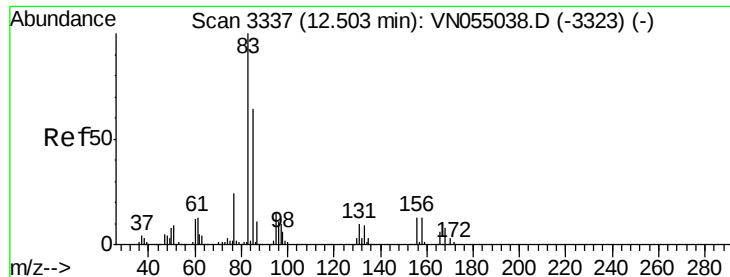
43 100

70 37.6 29.4 44.0

55 24.0 19.0 28.4

61 22.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.237 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

ClientSampled :

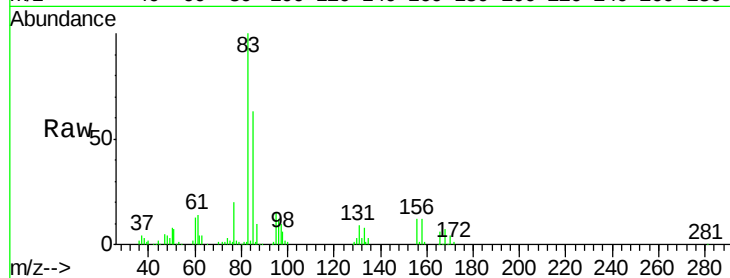
Tot Ion: 83 Resp: 105316

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

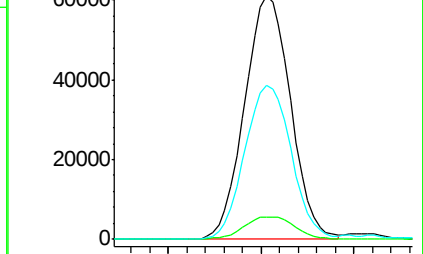
85 64.1 32.3 96.9



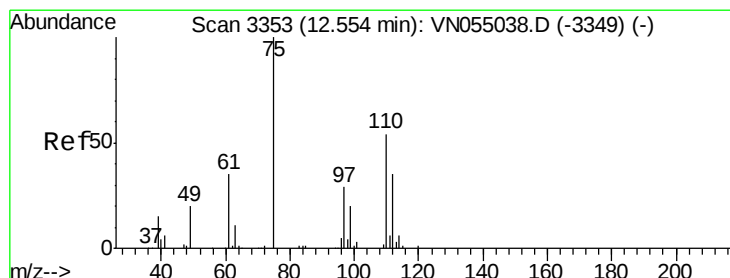
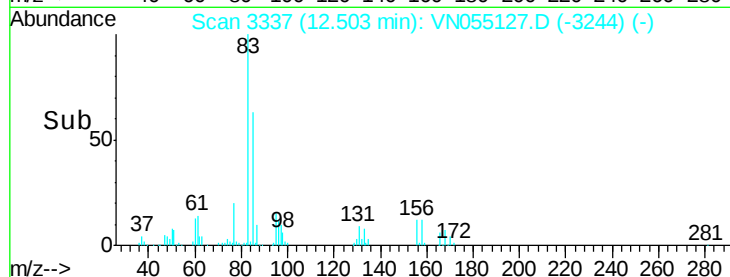
Abundance Ion 82.90 (82.60 to 83.60): VN055127.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN055127.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN055127.D (-3337) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 30.182 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055127.D

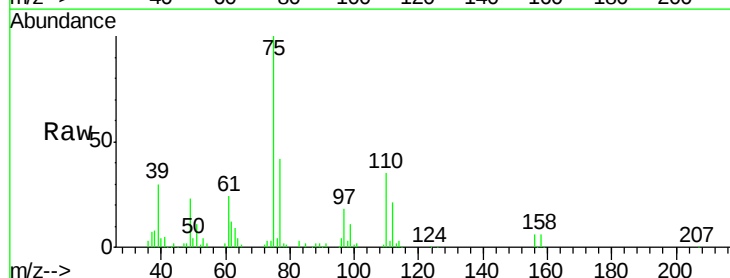
Acq: 18 Apr 2019 17:53

Tgt Ion: 75 Resp: 118955

Ion Ratio Lower Upper

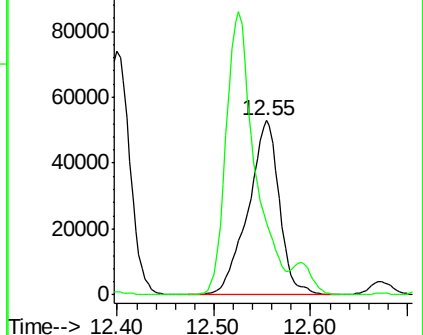
75 100

77 0.0 0.0 0.0

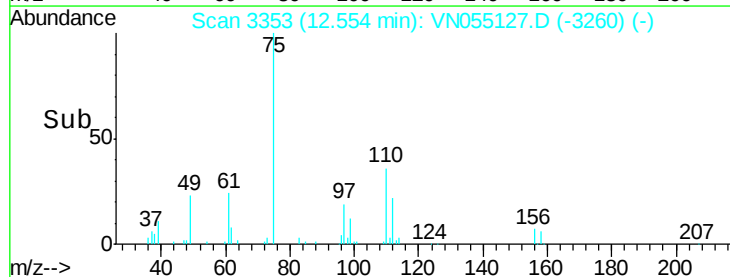


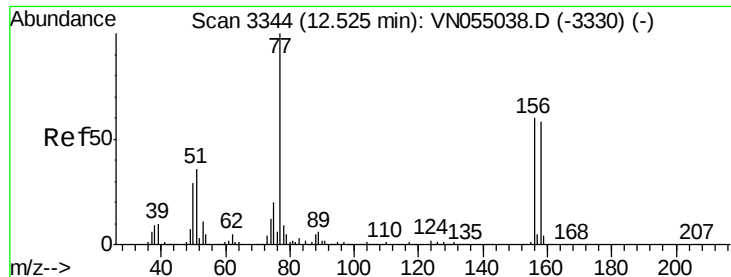
Abundance Ion 74.90 (74.60 to 75.60): VN055127.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN055127.D (-3353) (-)



Time-->





#77

Bromobenzene

Concen: 18.611 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

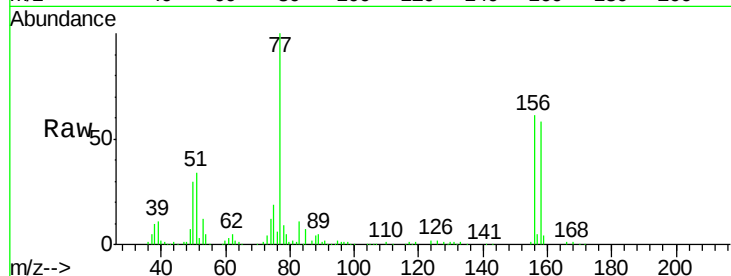
Tot Ion:156 Resp: 90239

Ion Ratio Lower Upper

156 100

77 198.4 97.2 291.5

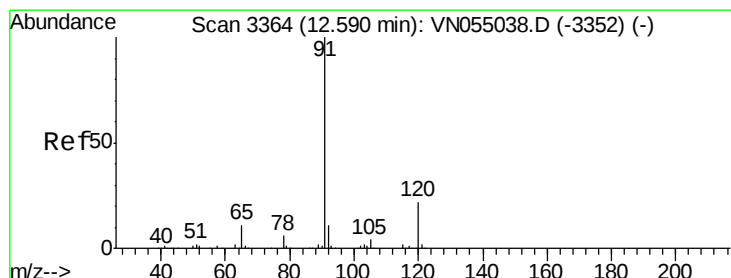
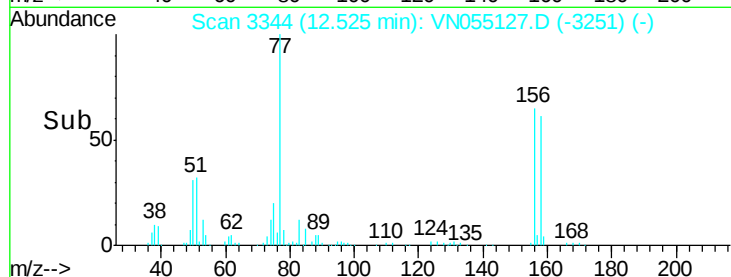
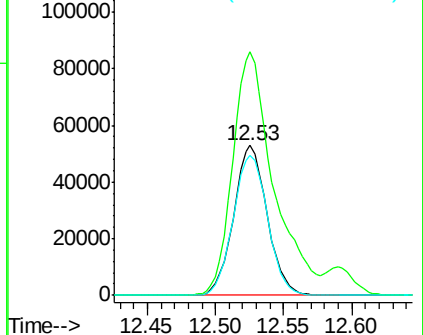
158 96.1 48.6 145.9



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: 18.671 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055127.D

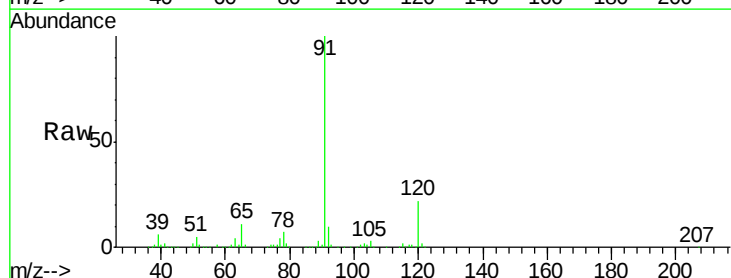
Acq: 18 Apr 2019 17:53

Tgt Ion: 91 Resp: 392335

Ion Ratio Lower Upper

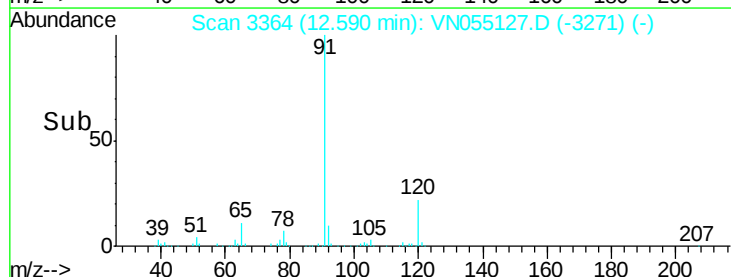
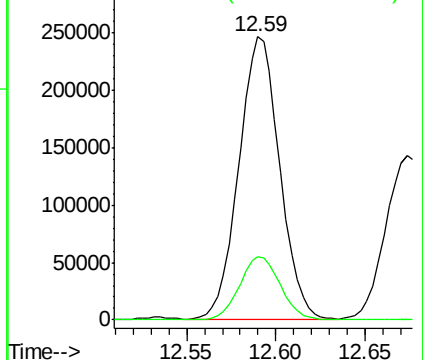
91 100

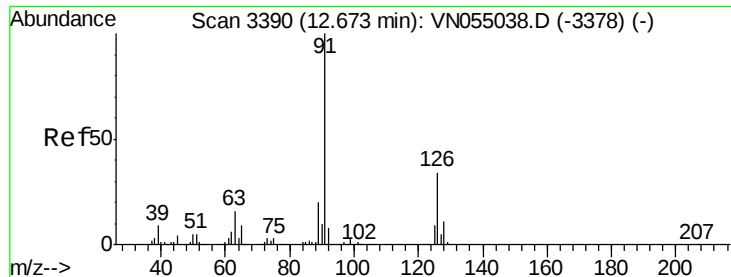
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.873 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

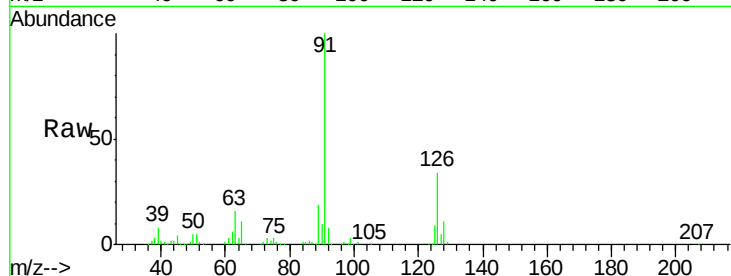
ClientSampled :

Tot Ion: 91 Resp: 247352

Ion Ratio Lower Upper

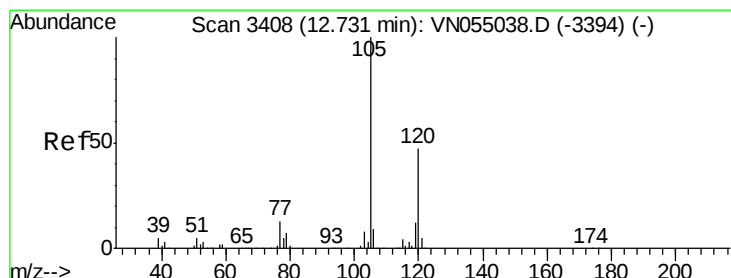
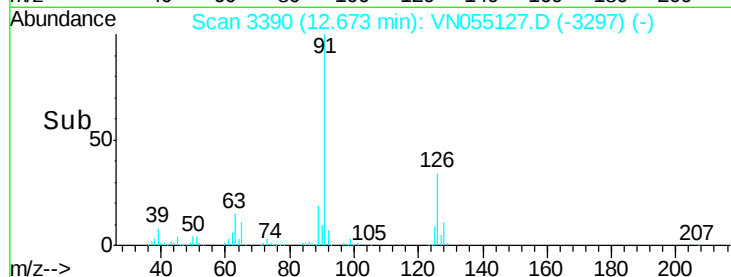
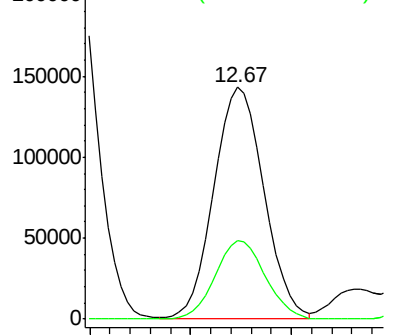
91 100

126 34.1 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN055127.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN055127.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.898 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055127.D

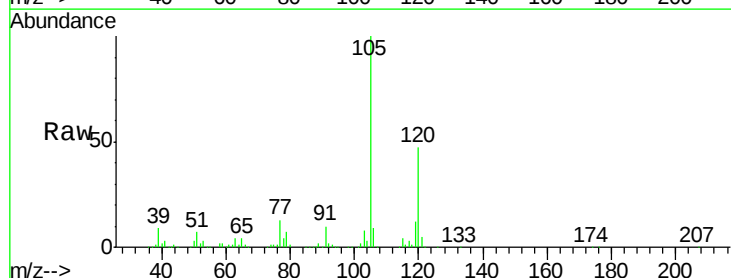
Acq: 18 Apr 2019 17:53

Tgt Ion:105 Resp: 296608

Ion Ratio Lower Upper

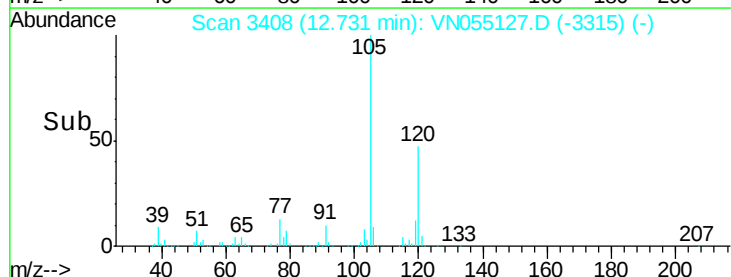
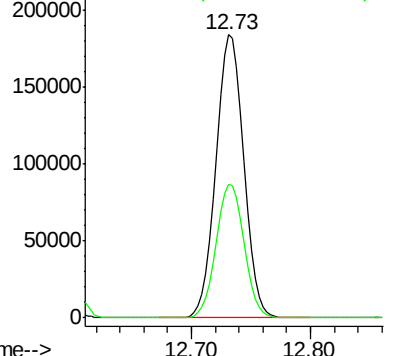
105 100

120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN055127.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN055127.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.147 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

ClientSampled :

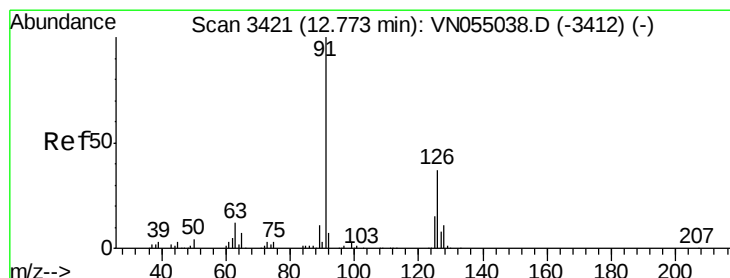
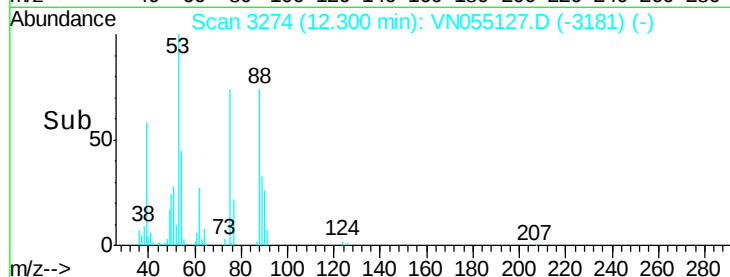
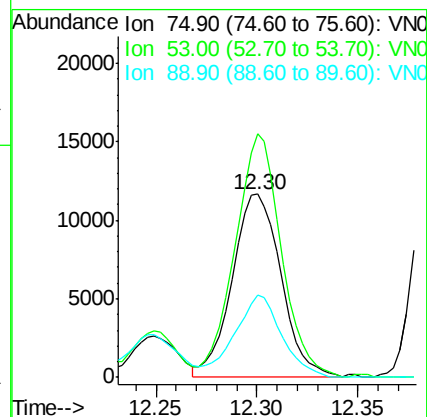
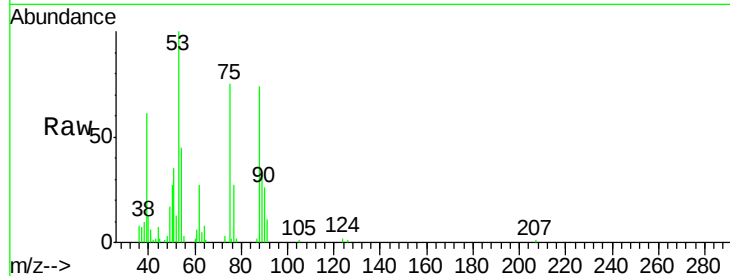
Tot Ion: 75 Resp: 19857

Ion	Ratio	Lower	Upper
75	100		
53	125.8	96.3	144.5
89	43.1	38.6	57.8

75 100

53 125.8 96.3 144.5

89 43.1 38.6 57.8



#82

4-Chlorotoluene

Concen: 19.078 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055127.D

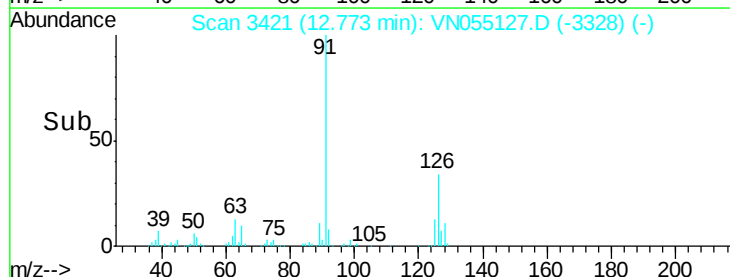
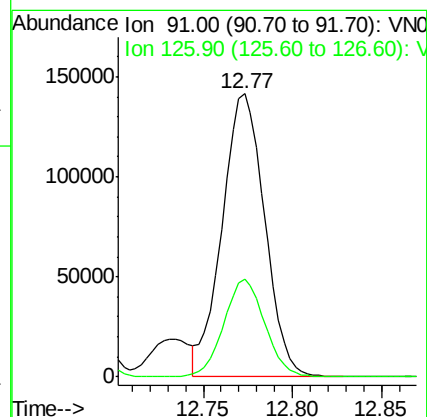
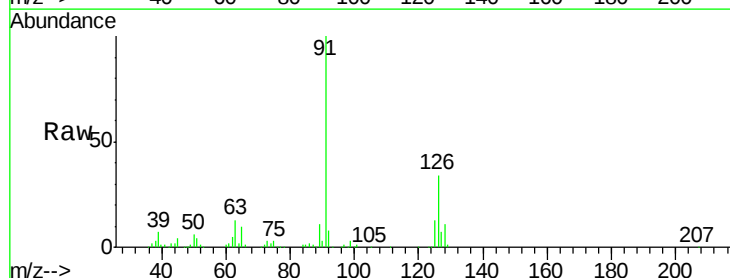
Acq: 18 Apr 2019 17:53

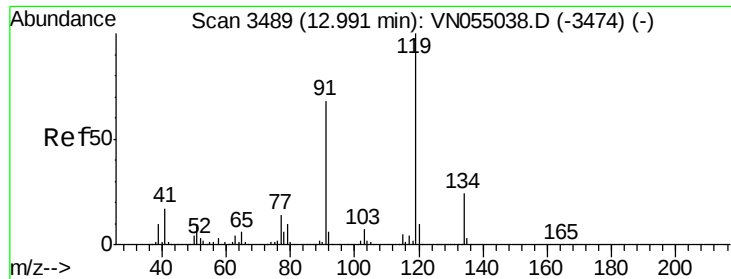
Tgt Ion: 91 Resp: 233281

Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.4	49.2

91 100

126 33.4 16.4 49.2

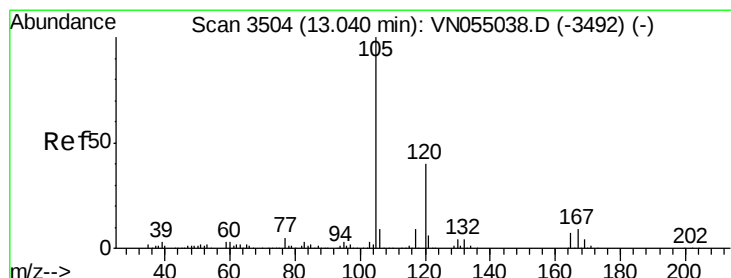
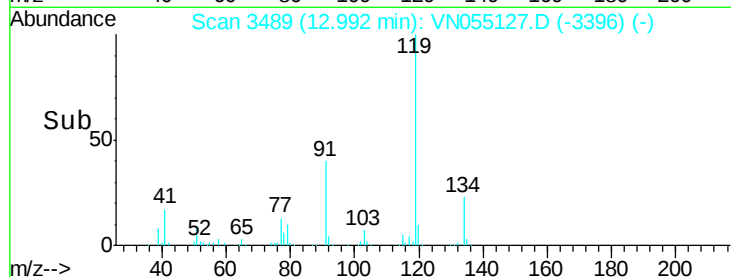
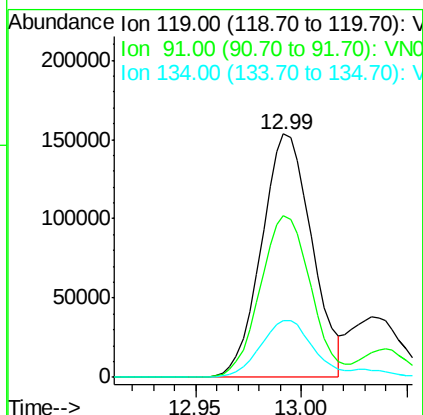
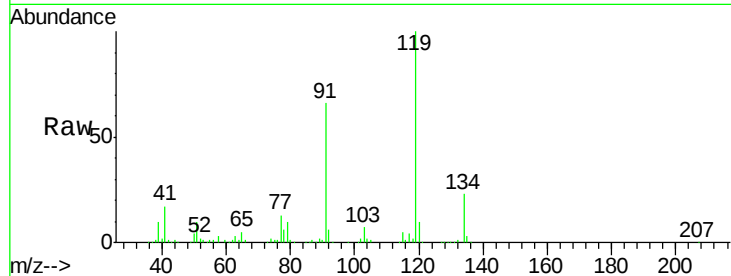




#83
tert-Butylbenzene
Concen: 19.245 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

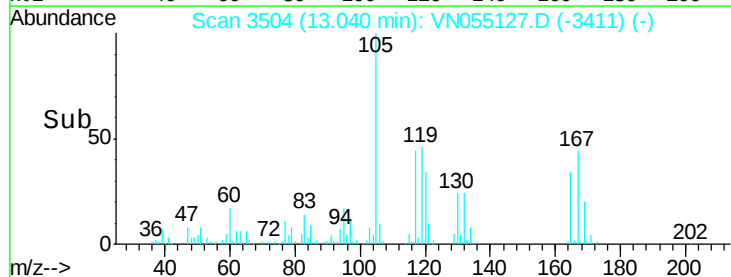
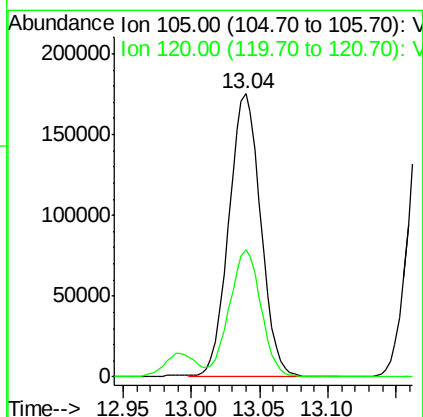
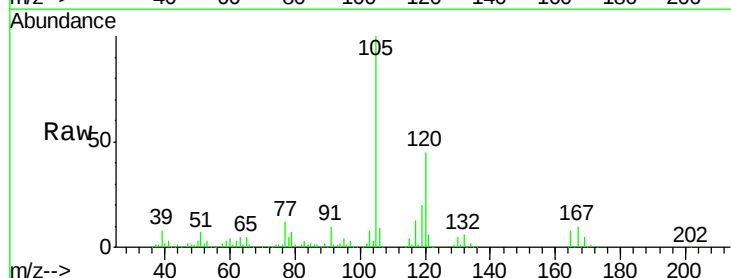
Instrument :
MSVOA_N
ClientSampled :

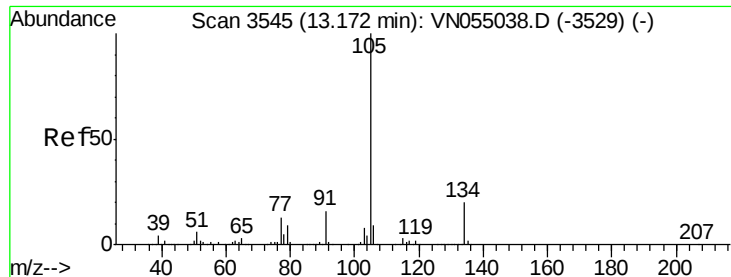
Tot Ion:119 Resp: 255093
Ion Ratio Lower Upper
119 100
91 66.5 33.3 99.8
134 24.5 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 19.062 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055127.D
Acq: 18 Apr 2019 17:53

Tgt Ion:105 Resp: 283528
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.858 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

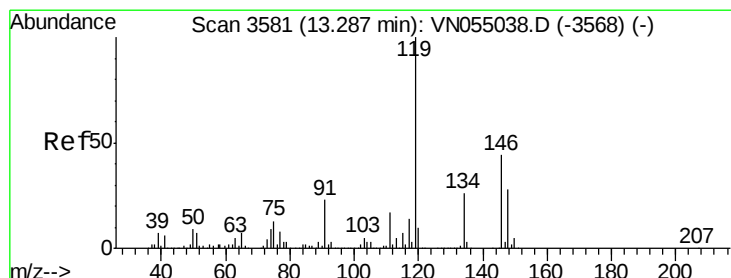
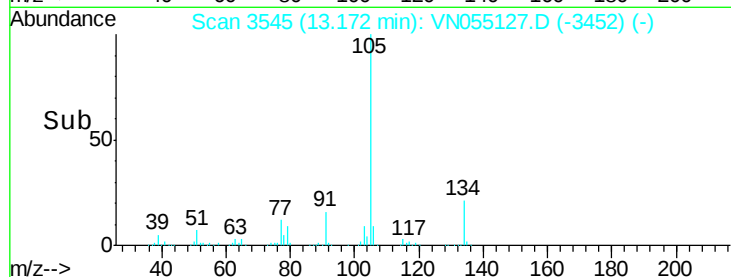
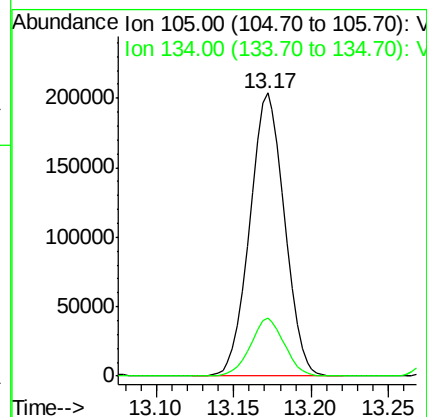
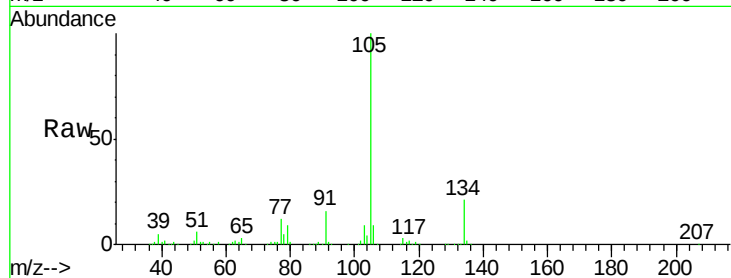
ClientSampled :

Tot Ion:105 Resp: 318506

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 18.902 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

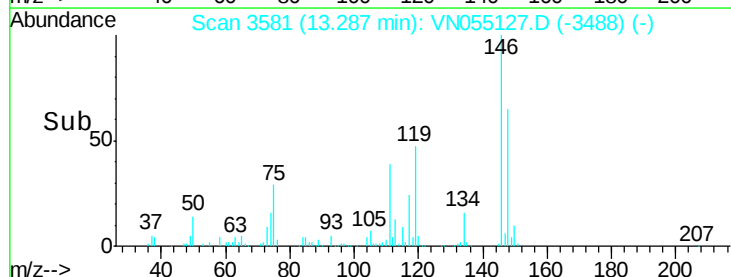
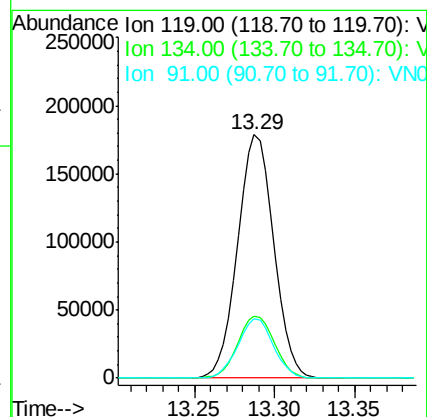
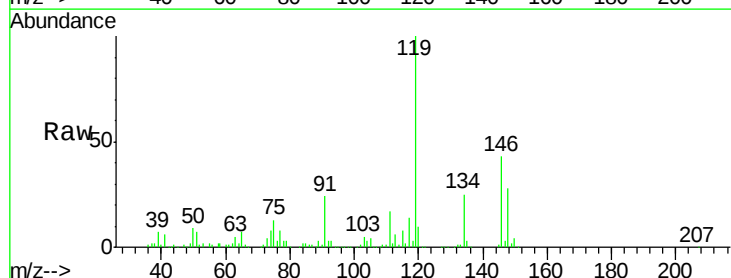
Tgt Ion:119 Resp: 273900

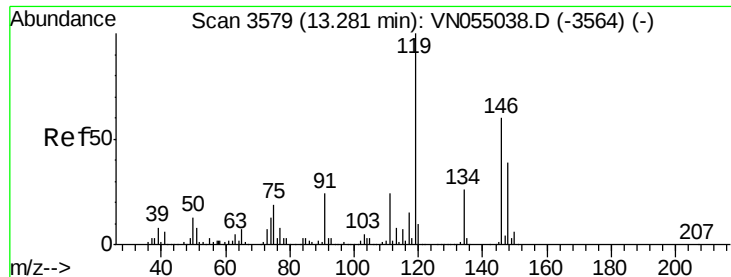
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 24.2 11.7 35.1

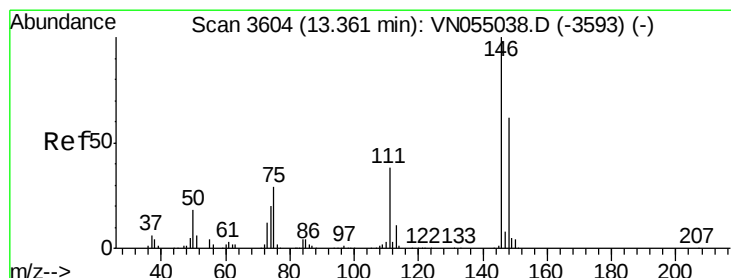
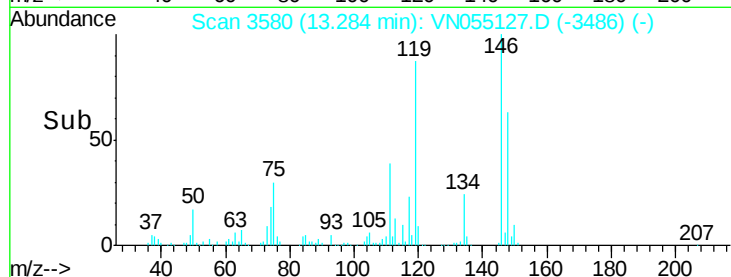
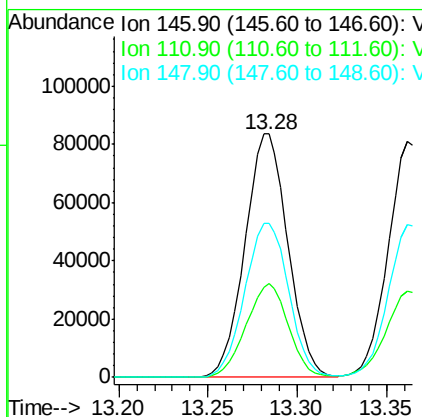
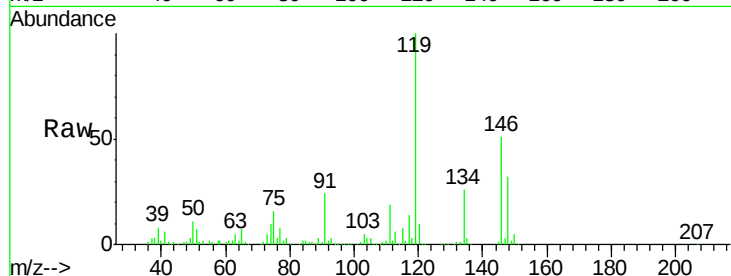




#87
 1,3-Dichlorobenzene
 Concen: 19.122 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

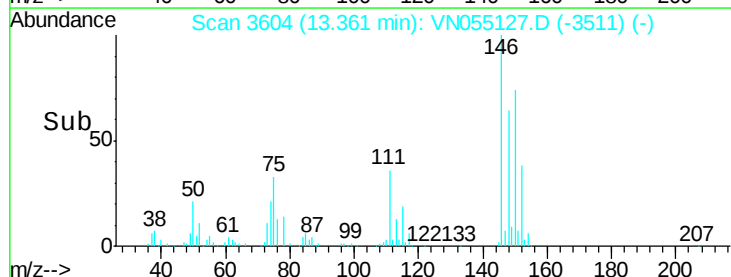
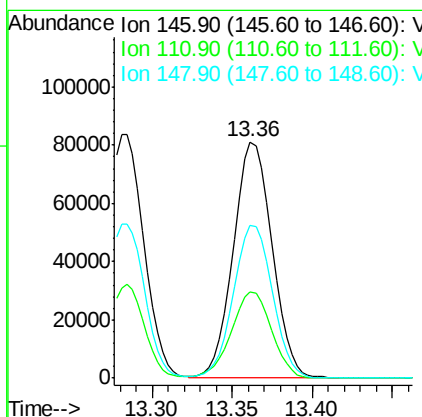
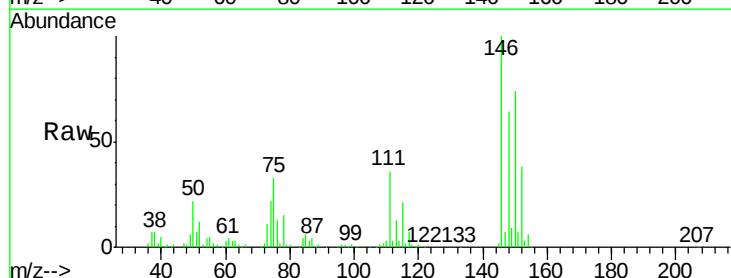
Instrument :
 MSVOA_N
 ClientSampleId :

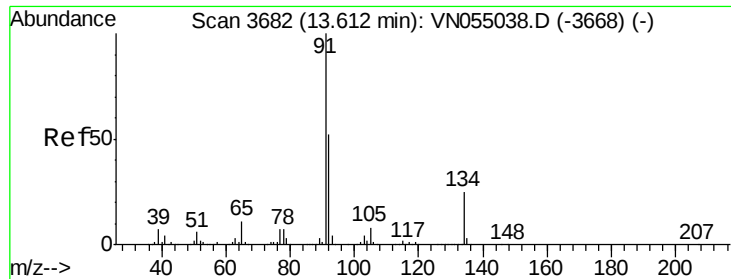
Tot Ion:146 Resp: 140923
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.5 58.5
 148 64.7 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.106 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion:146 Resp: 134271
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.8 56.4
 148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 18.188 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

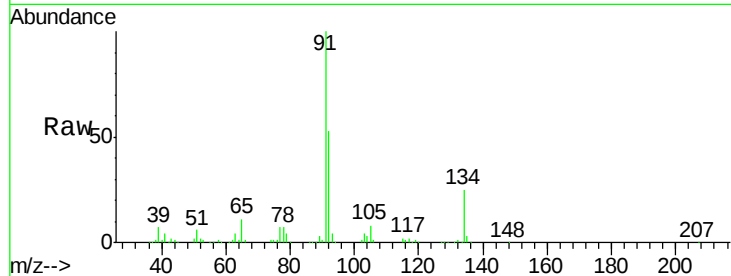
Tot Ion: 91 Resp: 195648

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

134 24.9 12.8 38.3

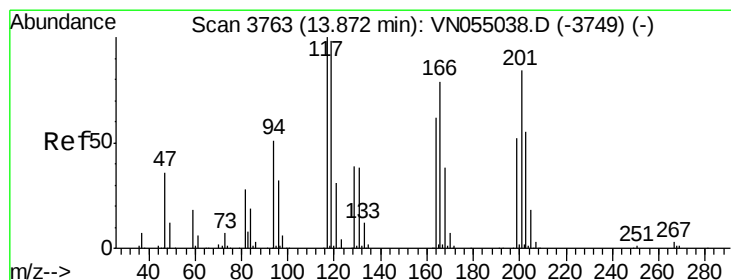
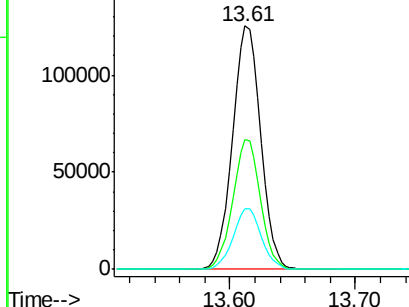
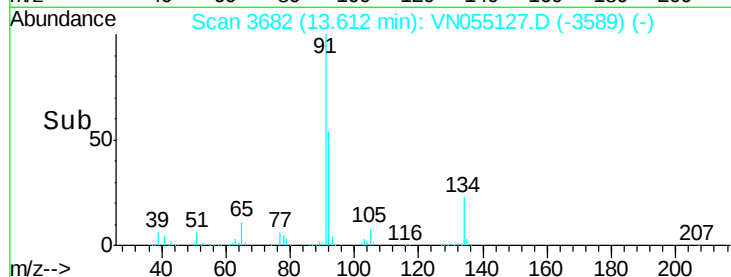


Abundance Ion 91.00 (90.70 to 91.70): VN055127.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055127.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055127.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 19.141 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055127.D

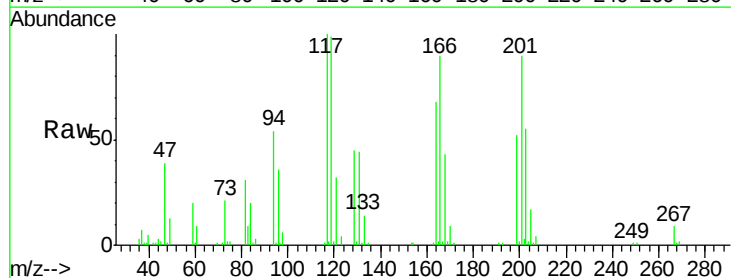
Acq: 18 Apr 2019 17:53

Tgt Ion: 117 Resp: 45128

Ion Ratio Lower Upper

117 100

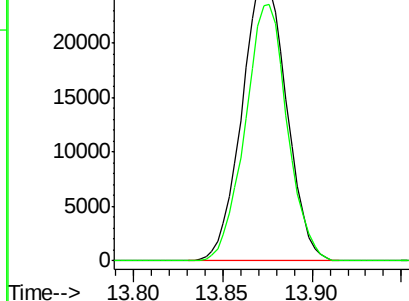
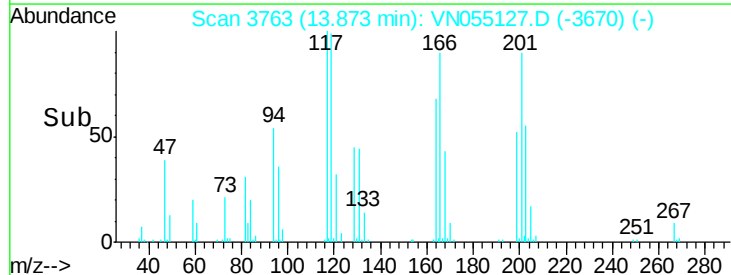
201 86.1 43.4 130.2

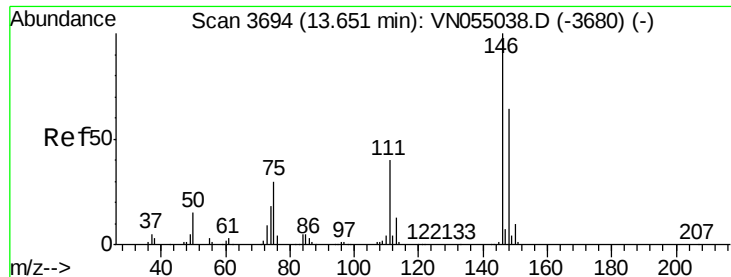


Abundance Ion 116.80 (116.50 to 117.50): VN055127.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055127.D (-3763) (-)

Time-->

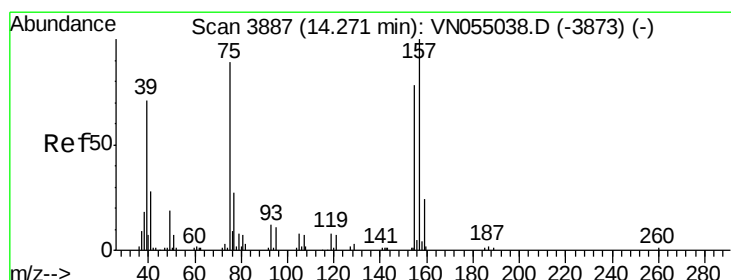
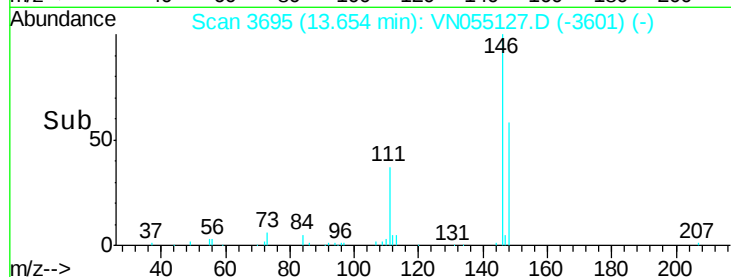
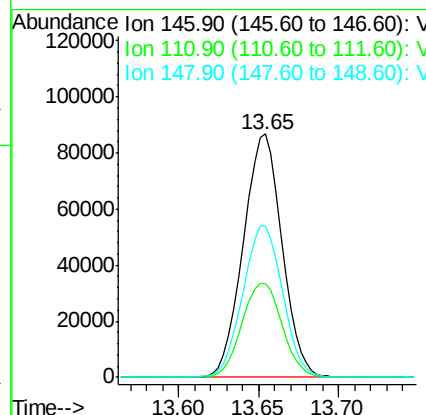
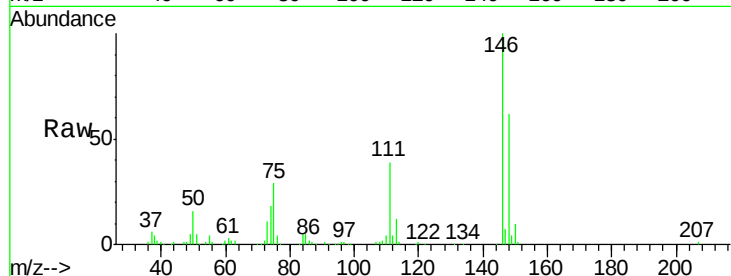




#91
 1,2-Dichlorobenzene
 Concen: 19.334 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

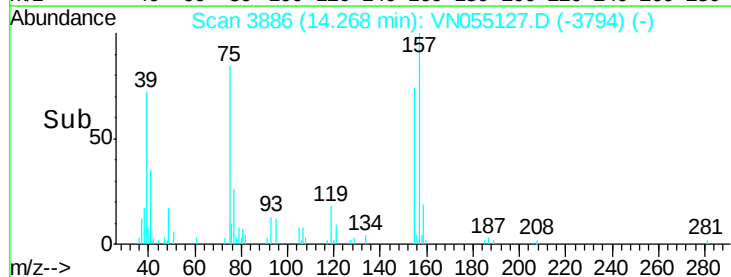
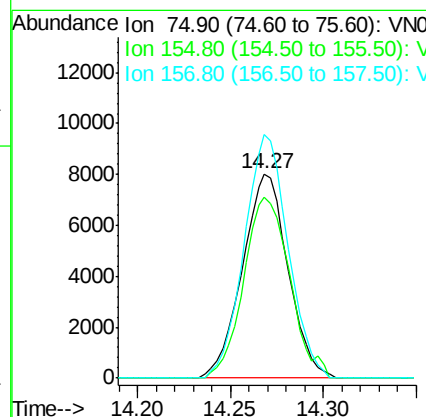
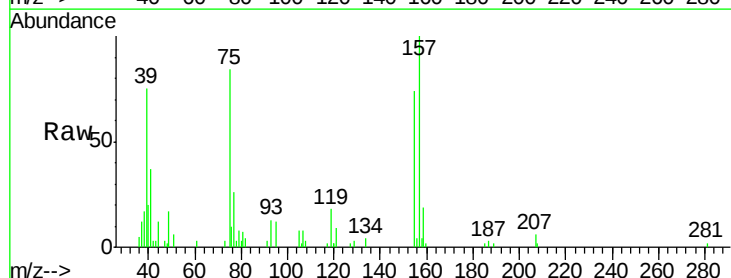
Instrument :
 MSVOA_N
 ClientSampled :

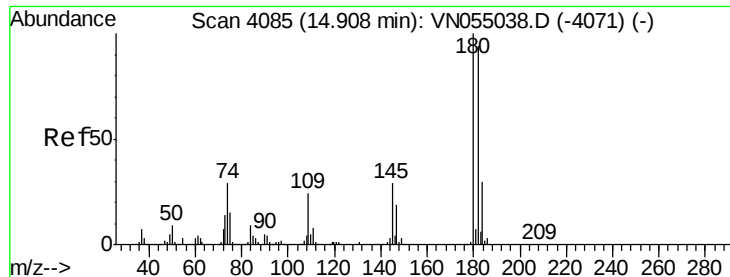
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.9
148	64.1	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.294 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	42.0	126.0
157	115.1	52.1	156.4

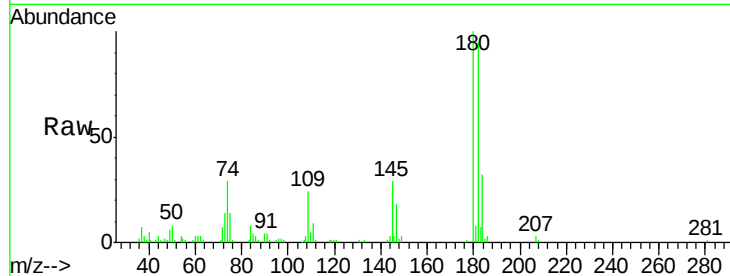




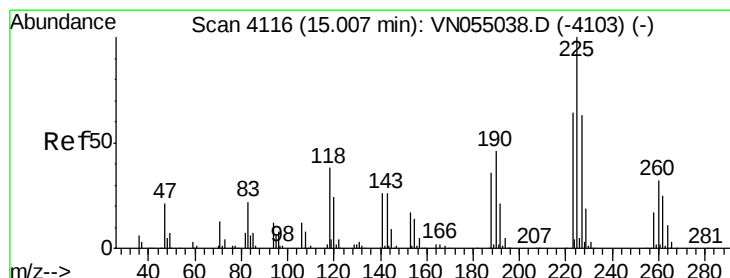
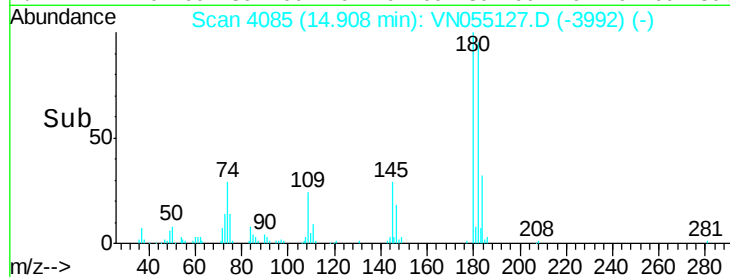
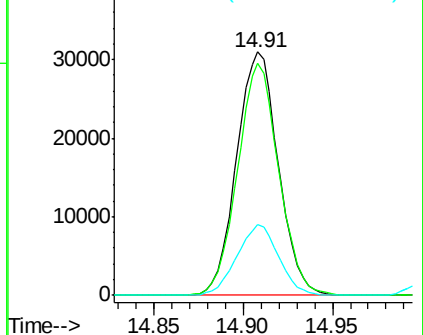
#93
 1,2,4-Trichlorobenzene
 Concen: 16.905 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.6
145	29.1	14.2	42.8

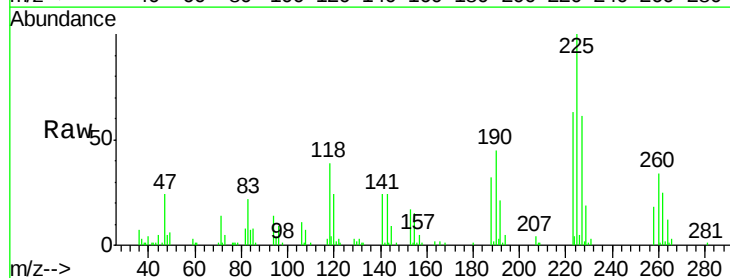


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

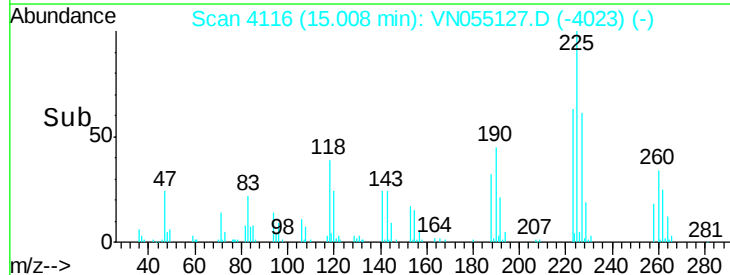
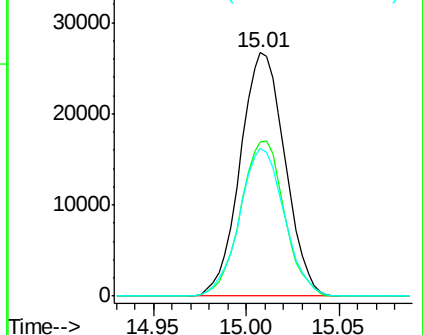


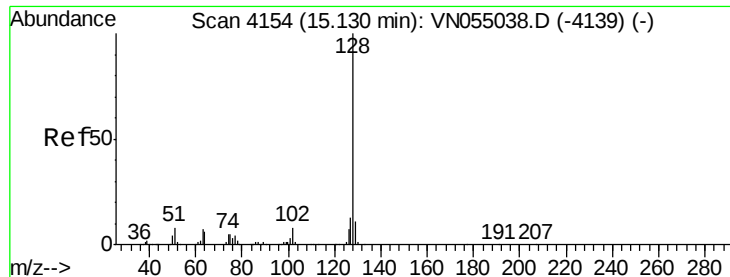
#94
 Hexachlorobutadiene
 Concen: 19.549 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055127.D
 Acq: 18 Apr 2019 17:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.4	94.0
227	60.3	32.6	97.7



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: 17.406 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

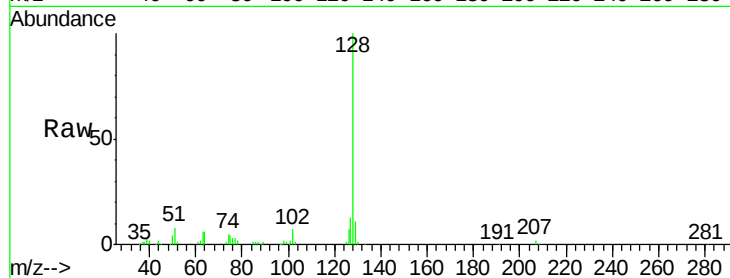
Tot Ion:128 Resp: 120044

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

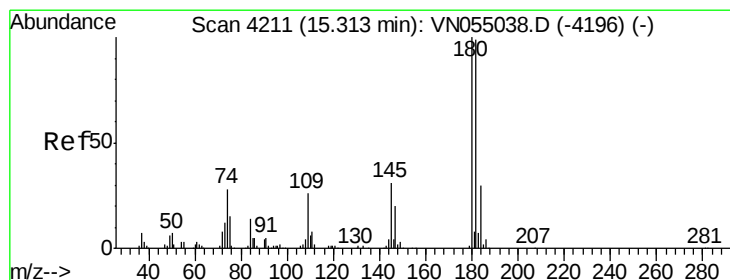
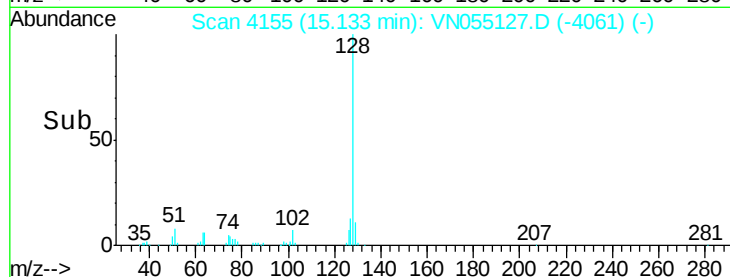
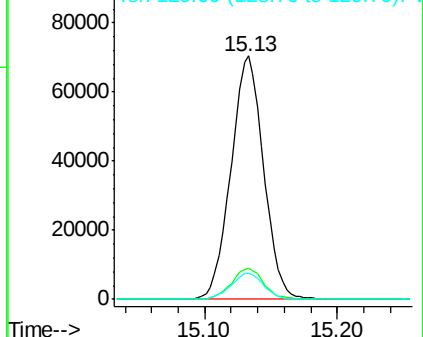
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.021 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055127.D

Acq: 18 Apr 2019 17:53

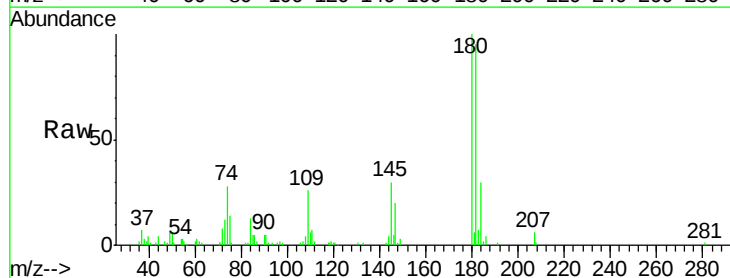
Tgt Ion:180 Resp: 54411

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.0

145 30.5 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

