

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055128.D
 Acq On : 18 Apr 2019 18:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:32:44 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	405017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	665168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	245657	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	271900	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
35) Dibromofluoromethane	7.59	113	219221	49.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.62%	
50) Toluene-d8	10.09	98	794884	49.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	267208	51.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	204482	44.425	ug/l	100
3) Chloromethane	2.06	50	251775	41.938	ug/l	97
4) Vinyl Chloride	2.19	62	211928	41.999	ug/l	97
5) Bromomethane	2.55	94	107639	37.706	ug/l	95
6) Chloroethane	2.69	64	116740	42.900	ug/l	98
7) Trichlorofluoromethane	3.01	101	310121	49.142	ug/l	98
8) Diethyl Ether	3.41	74	126778	62.935	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	196056	59.365	ug/l	98
10) Methyl Iodide	3.95	142	265401	51.785	ug/l	93
11) Tert butyl alcohol	4.80	59	102120	346.054	ug/l	100
12) 1,1-Dichloroethene	3.74	96	185082	57.575	ug/l	91
13) Acrolein	3.61	56	105033	287.953	ug/l	94
14) Allyl chloride	4.32	41	390094	49.575	ug/l	98
15) Acrylonitrile	4.99	53	503718	285.299	ug/l	99
16) Acetone	3.82	43	421728	288.612	ug/l	96
17) Carbon Disulfide	4.05	76	439610	42.364	ug/l	98
18) Methyl Acetate	4.33	43	247217	58.778	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	615411	53.517	ug/l	99
20) Methylene Chloride	4.55	84	230888	44.949	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	197773	45.488	ug/l	90
22) Diisopropyl ether	5.95	45	833405	51.521	ug/l	95
23) Vinyl Acetate	5.90	43	3047922	285.066	ug/l	99
24) 1,1-Dichloroethane	5.85	63	417230	48.436	ug/l	98
25) 2-Butanone	6.84	43	649864	297.985	ug/l	99
26) 2,2-Dichloropropane	6.83	77	274607	50.509	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	241059	49.007	ug/l	100
28) Bromochloromethane	7.20	49	200203	48.214	ug/l	98
29) Tetrahydrofuran	7.22	42	419733	293.490	ug/l	99
30) Chloroform	7.37	83	403309	48.201	ug/l	100
31) Cyclohexane	7.65	56	364919	47.864	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	327546	49.410	ug/l	99
36) 1,1-Dichloropropene	7.79	75	285544	45.538	ug/l	100
37) Ethyl Acetate	6.93	43	273268	53.531	ug/l	99
38) Carbon Tetrachloride	7.78	117	272034	45.599	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	300532	44.230	ug/l	97
40) Benzene	8.04	78	894688	47.342	ug/l	100
41) Methacrylonitrile	7.18	41	148026	52.237	ug/l	97
42) 1,2-Dichloroethane	8.13	62	316769	48.277	ug/l	100
43) Isopropyl Acetate	8.17	43	460157	58.500	ug/l	99
44) Trichloroethene	8.84	130	218349	46.128	ug/l	94
45) 1,2-Dichloropropane	9.12	63	258416	49.031	ug/l	100
46) Dibromomethane	9.21	93	149180	49.728	ug/l	97
47) Bromodichloromethane	9.40	83	312222	50.481	ug/l	99
48) Methyl methacrylate	9.20	41	215957	55.391	ug/l	97
49) 1,4-Dioxane	9.20	88	51778	1417.525	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1345660	296.118	ug/l	99
52) Toluene	10.16	92	532303	49.179	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	297525	55.045	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	357353	53.269	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	212447	50.944	ug/l	98
56) Ethyl methacrylate	10.43	69	292897	58.524	ug/l	99
57) 1,3-Dichloropropane	10.71	76	366944	51.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	572157	259.843	ug/l	99
59) 2-Hexanone	10.75	43	852318	298.612	ug/l	100
60) Dibromochloromethane	10.90	129	219796	53.976	ug/l	100
61) 1,2-Dibromoethane	11.01	107	205344	53.499	ug/l	98
64) Tetrachloroethene	10.63	164	209007	44.341	ug/l	97
65) Chlorobenzene	11.43	112	544723	46.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	213054	49.645	ug/l	99
67) Ethyl Benzene	11.51	91	993019	47.656	ug/l	100
68) m/p-Xylenes	11.62	106	722685	95.777	ug/l	99
69) o-Xylene	11.95	106	359001	49.123	ug/l	99
70) Styrene	11.96	104	606077	51.233	ug/l	99
71) Bromoform	12.13	173	141312	57.448	ug/l #	99
73) Isopropylbenzene	12.25	105	947704	43.475	ug/l	99
74) N-amyl acetate	12.07	43	346092	56.400	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	275409	47.216	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	319670	72.364	ug/l #	100
77) Bromobenzene	12.53	156	236701	43.555	ug/l	98
78) n-propylbenzene	12.59	91	1038993	44.115	ug/l	100
79) 2-Chlorotoluene	12.67	91	643110	43.778	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	762411	43.340	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	64572	58.452	ug/l	91
82) 4-Chlorotoluene	12.77	91	619684	45.214	ug/l	99
83) tert-Butylbenzene	12.99	119	653884	44.013	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	752999	45.167	ug/l	100
85) sec-Butylbenzene	13.17	105	835490	44.134	ug/l	99
86) p-Isopropyltoluene	13.29	119	728938	44.882	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	380303	46.039	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	369164	46.865	ug/l	100
89) n-Butylbenzene	13.61	91	593810	49.251	ug/l	99
90) Hexachloroethane	13.87	117	119608	45.261	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	378324	45.520	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38963	54.245	ug/l	97

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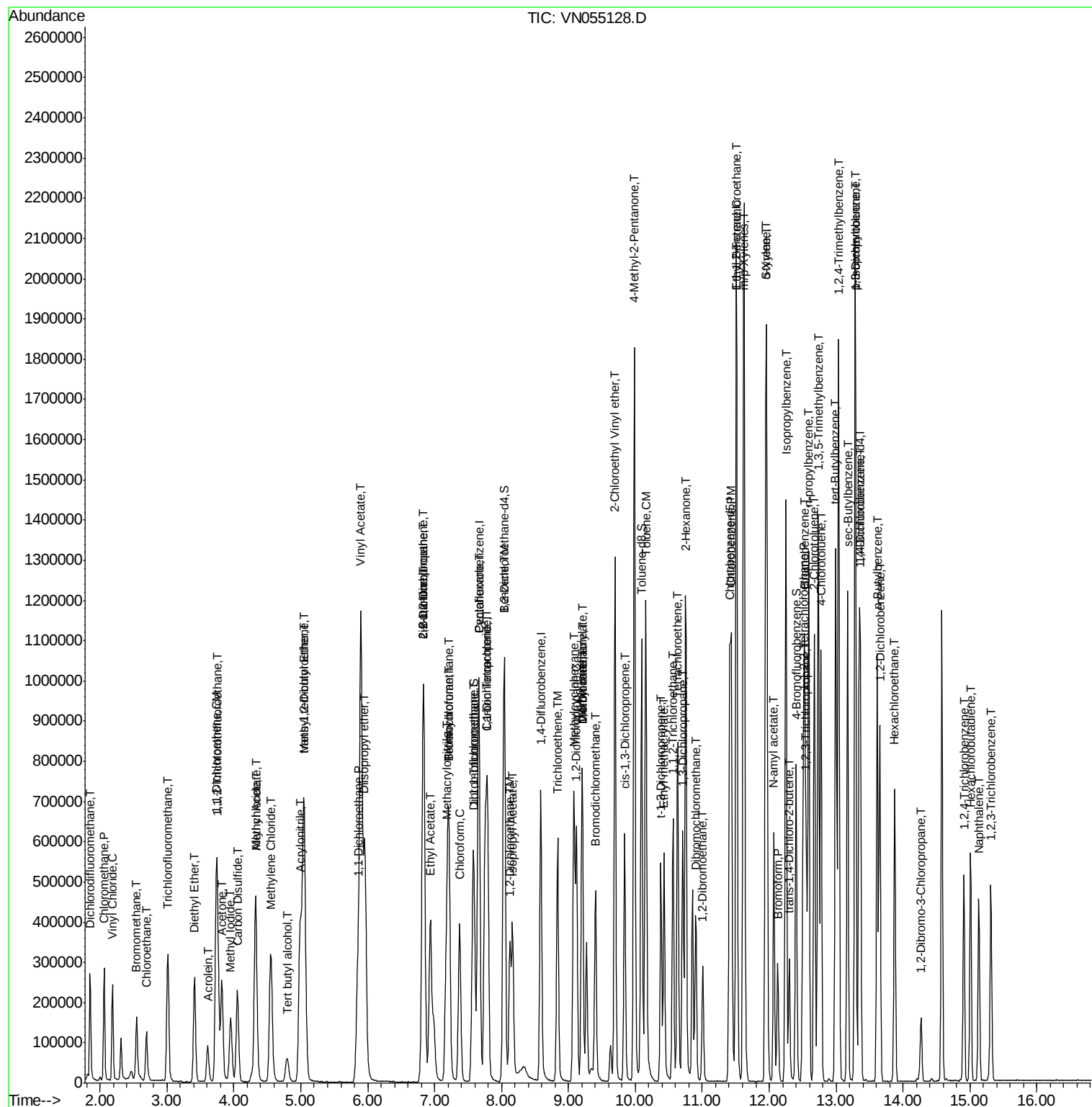
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	167072	44.649	ug/l	99
94) Hexachlorobutadiene	15.01	225	115458	44.977	ug/l	99
95) Naphthalene	15.13	128	391768	44.792	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	171722	53.559	ug/l	99

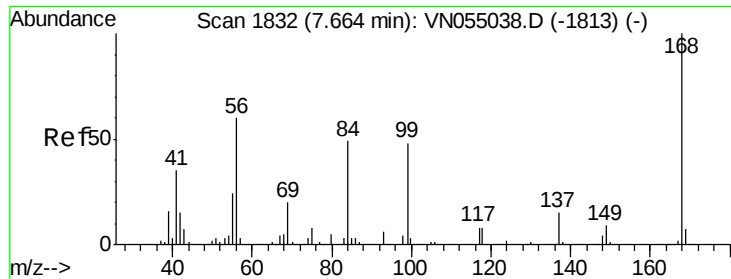
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

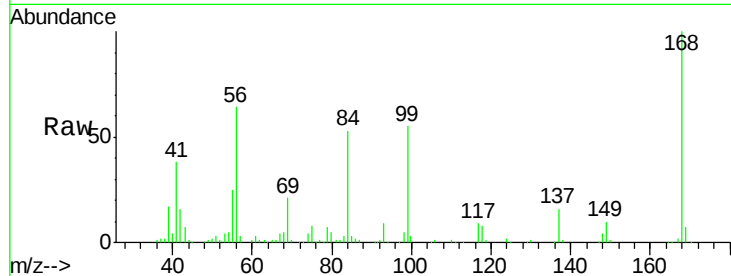
ClientSampleId :

Tot Ion:168 Resp: 405017

Ion Ratio Lower Upper

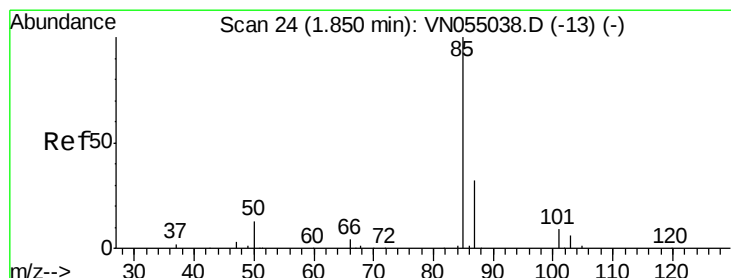
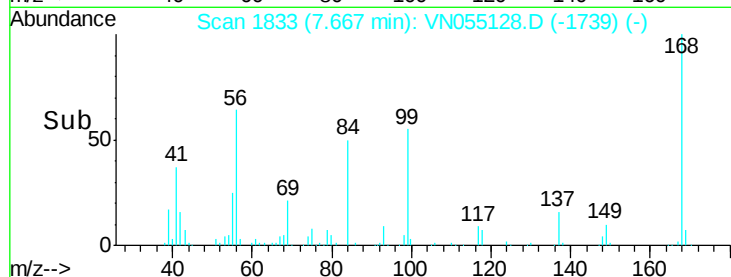
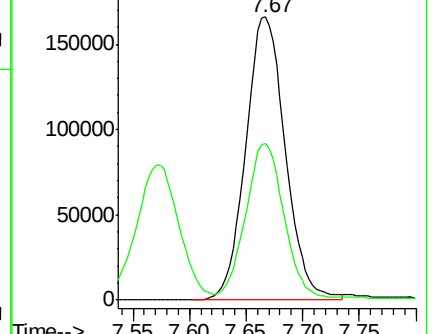
168 100

99 54.1 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: 44.425 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055128.D

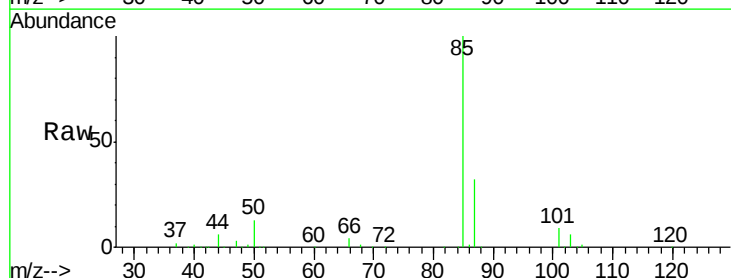
Acq: 18 Apr 2019 18:18

Tgt Ion: 85 Resp: 204482

Ion Ratio Lower Upper

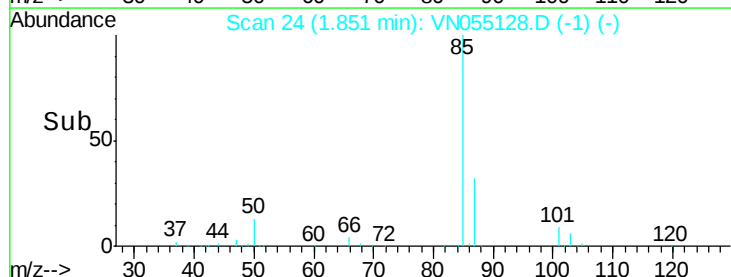
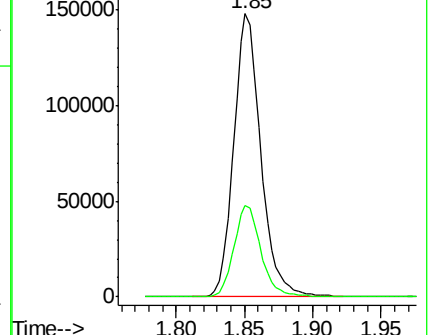
85 100

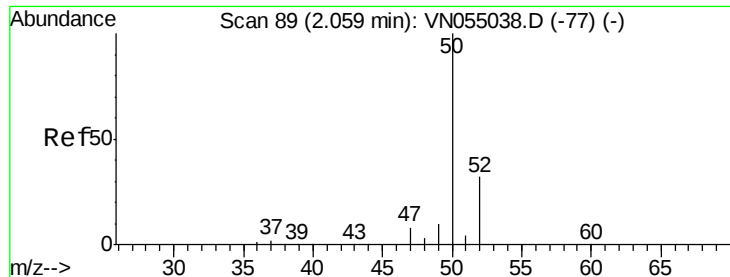
87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.938 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

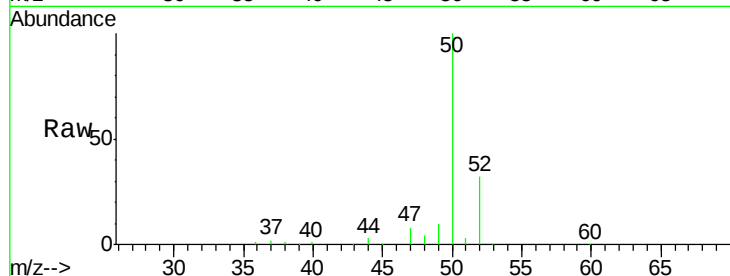
ClientSampleId :

Tot Ion: 50 Resp: 251775

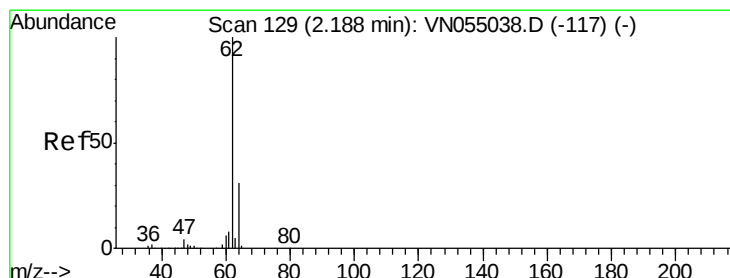
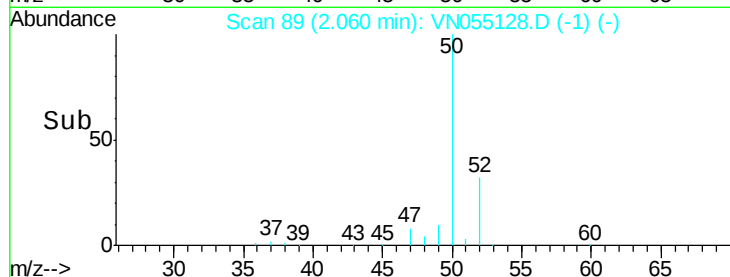
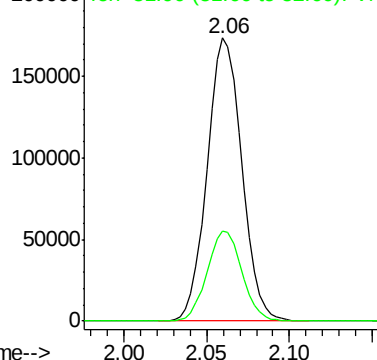
Ion Ratio Lower Upper

50 100

52 31.8 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: 41.999 ug/l

RT: 2.19 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN055128.D

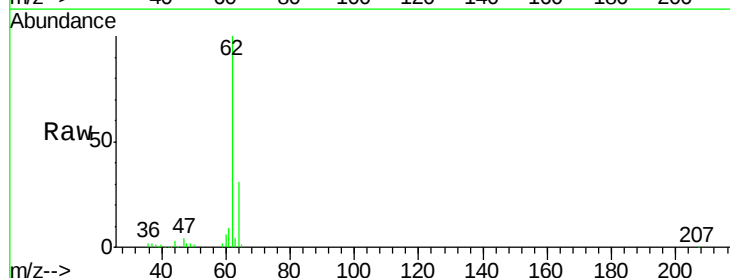
Acq: 18 Apr 2019 18:18

Tgt Ion: 62 Resp: 211928

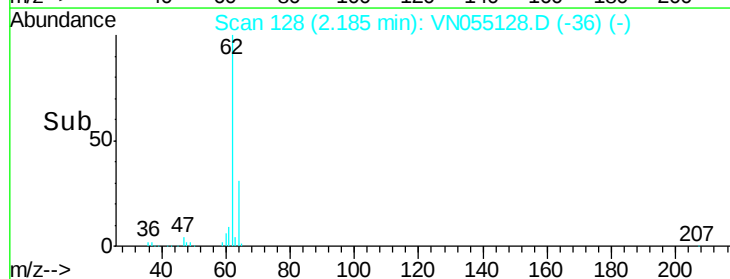
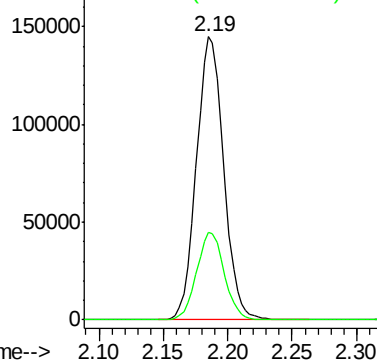
Ion Ratio Lower Upper

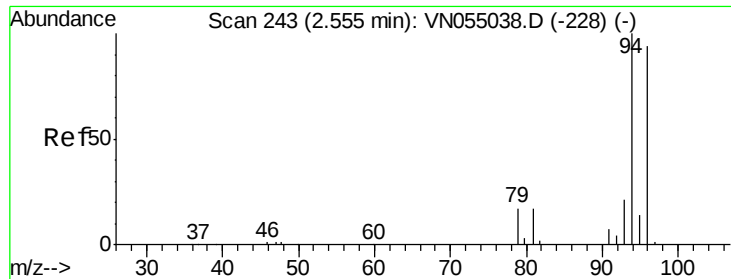
62 100

64 30.7 25.8 38.6



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

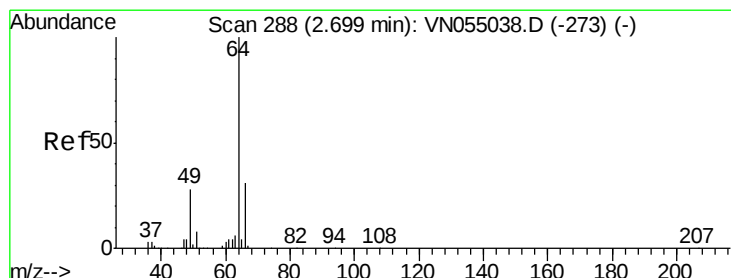
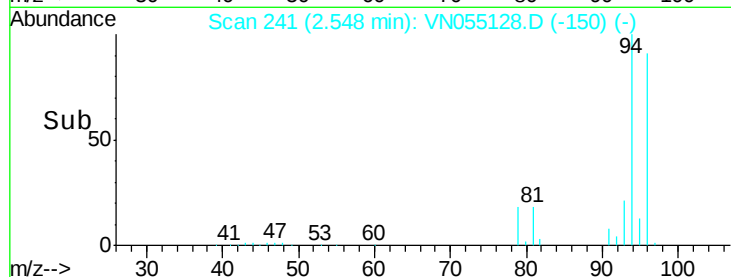
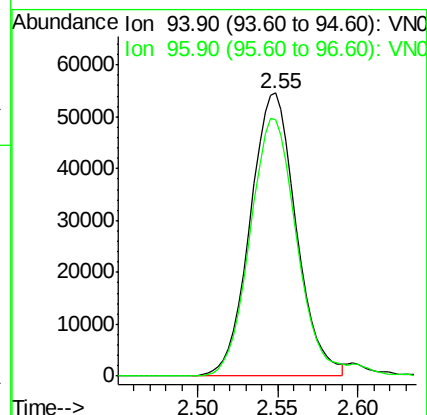
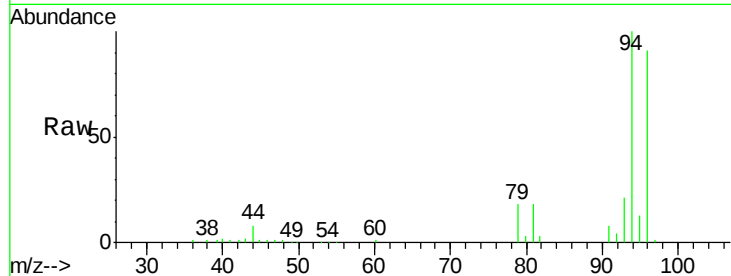




#5
Bromomethane
Concen: 37.706 ug/l
RT: 2.55 min Scan# 241
Delta R.T. -0.01 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

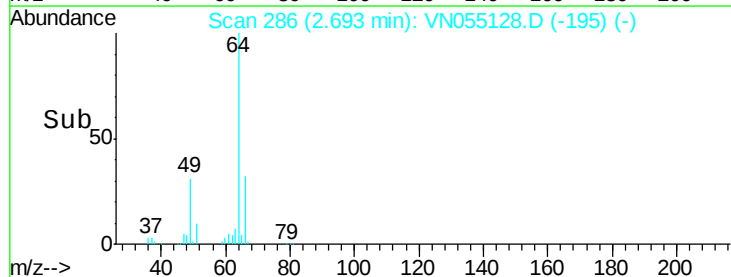
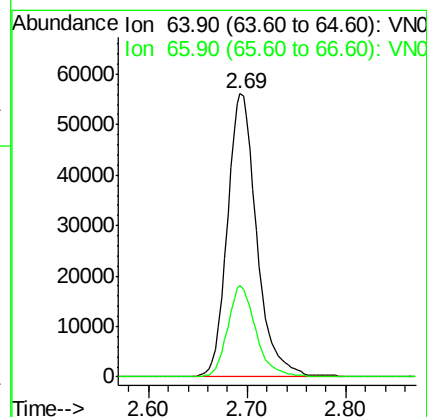
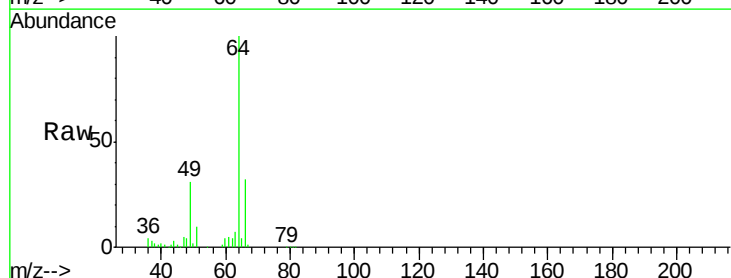
Instrument :
MSVOA_N
ClientSampled :

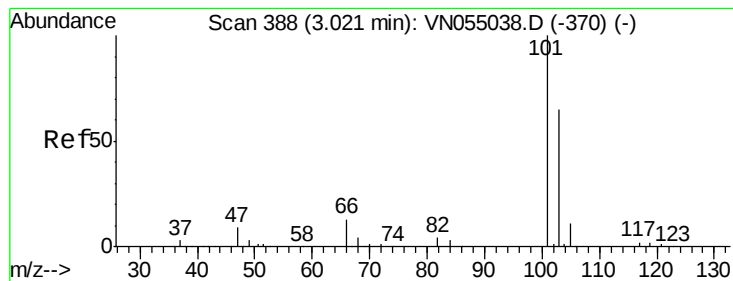
Tot Ion: 94 Resp: 107639
Ion Ratio Lower Upper
94 100
96 90.8 76.2 114.4



#6
Chloroethane
Concen: 42.900 ug/l
RT: 2.69 min Scan# 286
Delta R.T. -0.01 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion: 64 Resp: 116740
Ion Ratio Lower Upper
64 100
66 32.3 26.6 40.0



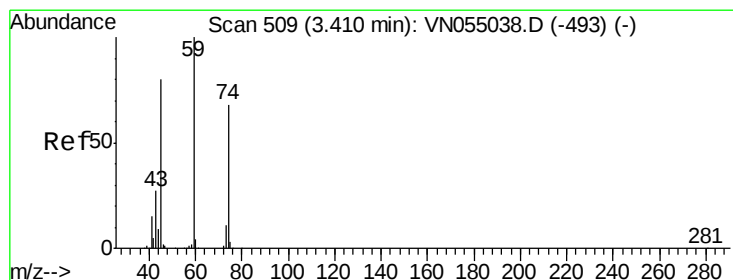
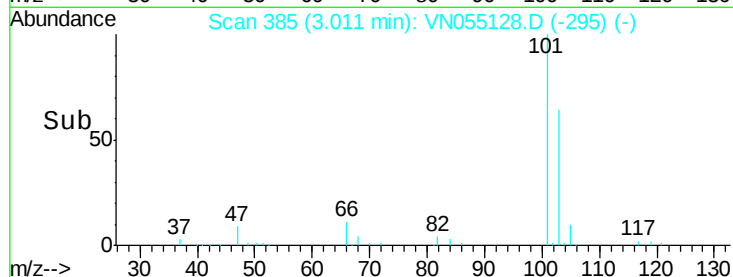
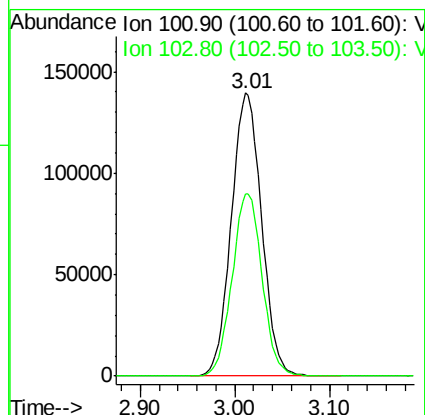
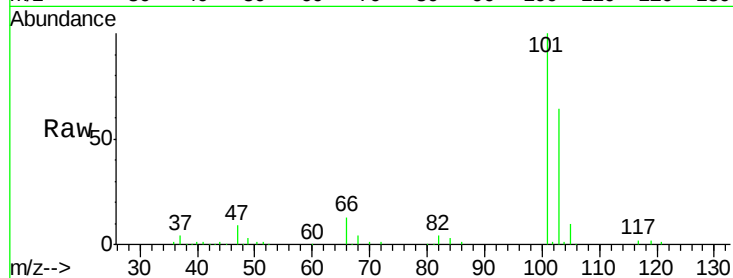


#7

Trichlorofluoromethane
 Concen: 49.142 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Instrument :
 MSVOA_N
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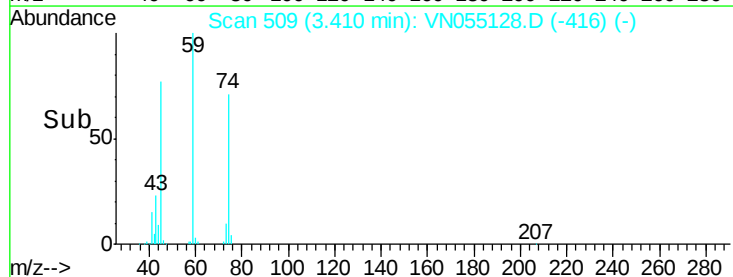
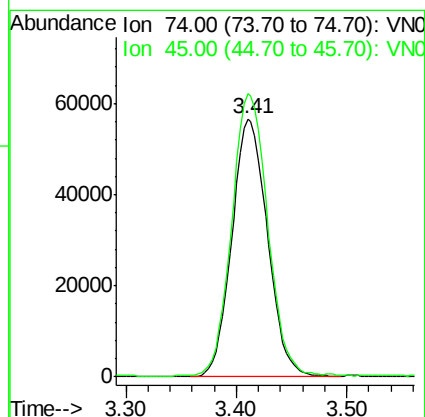
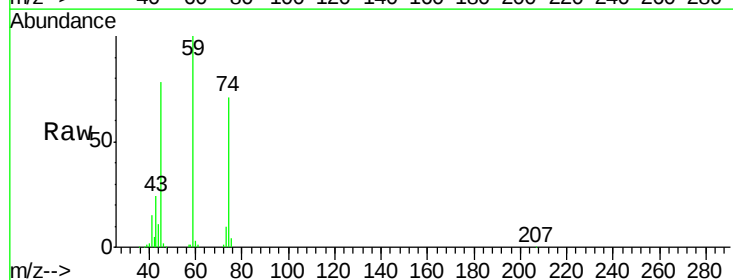
Tot Ion:101 Resp: 310121
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.5 78.7

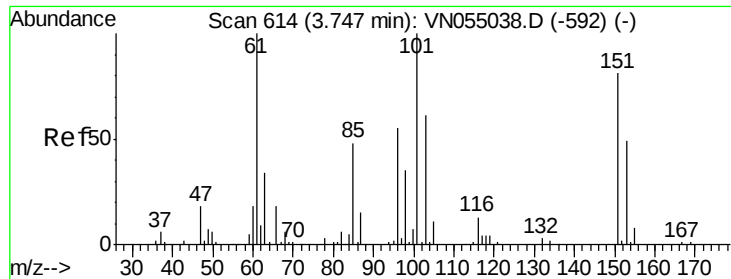


#8

Diethyl Ether
 Concen: 62.935 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion: 74 Resp: 126778
 Ion Ratio Lower Upper
 74 100
 45 111.8 55.7 167.1

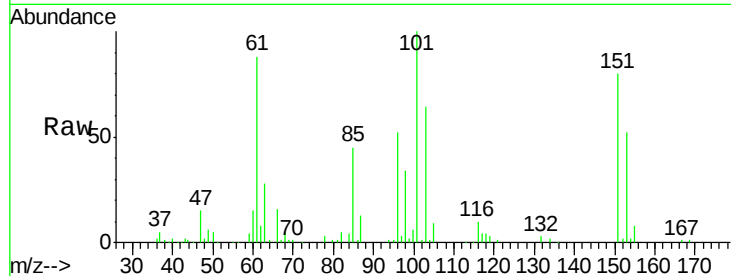




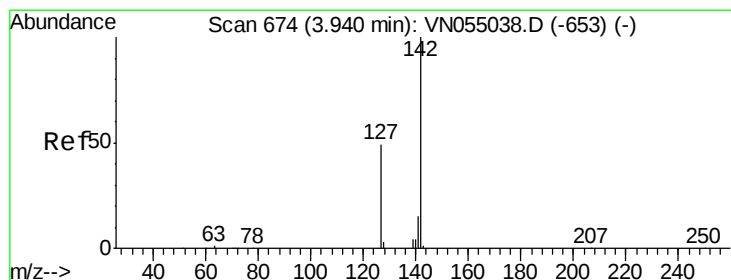
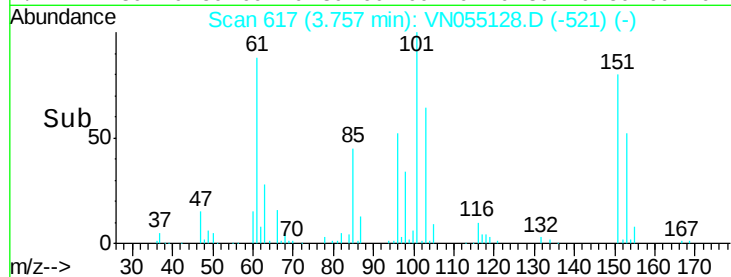
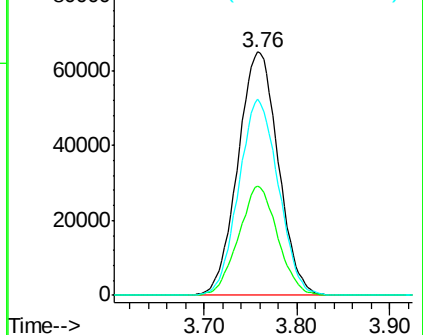
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 59.365 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.5	36.9	55.3
151	79.4	64.4	96.6

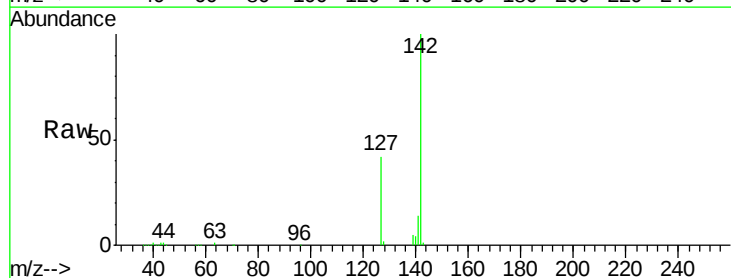


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

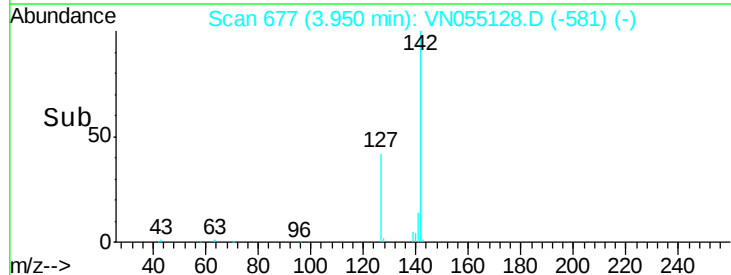
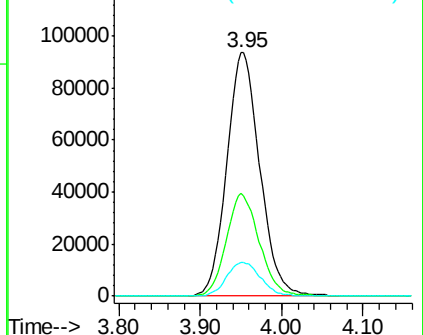


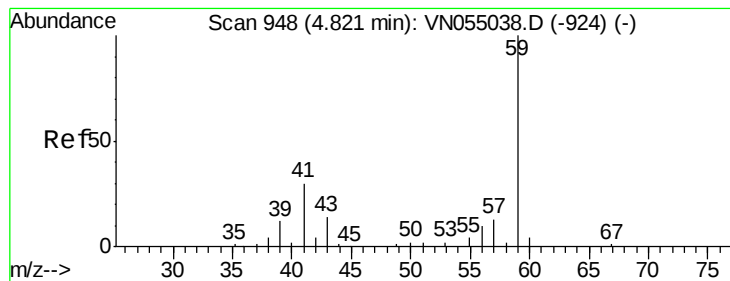
#10
 Methyl Iodide
 Concen: 51.785 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.9	37.9	56.9
141	14.3	11.8	17.8



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



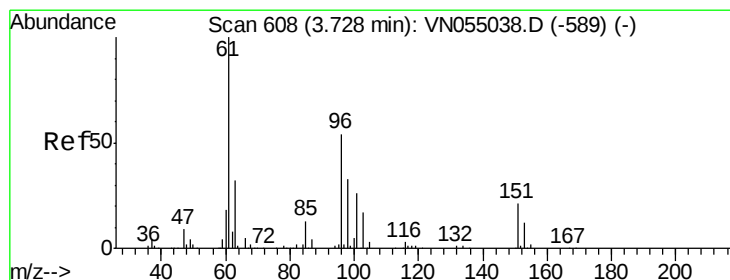
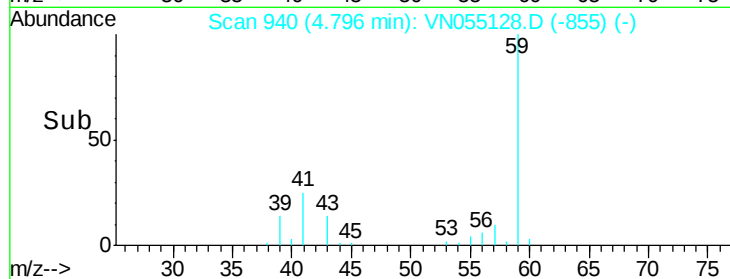
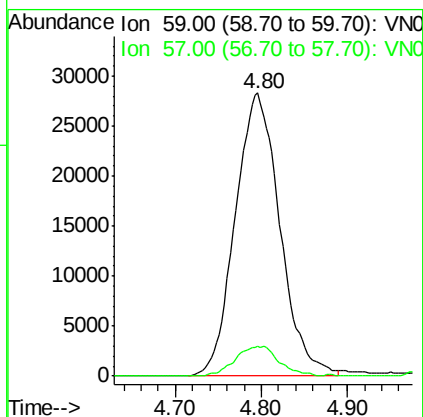
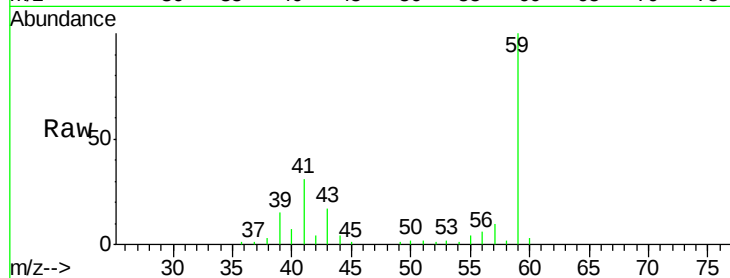


#11

Tert butyl alcohol
 Concen: 346.054 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. -0.03 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Instrument :
 MSVOA_N
 ClientSampled :

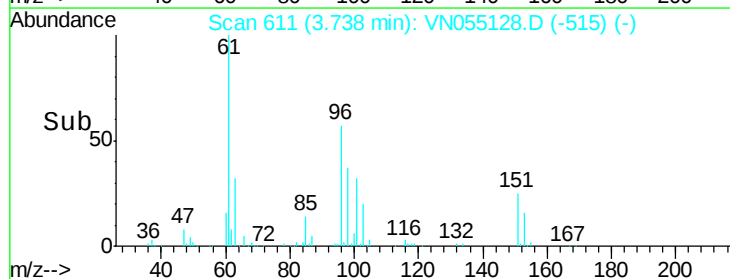
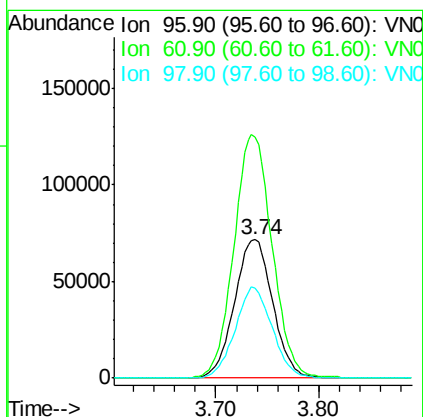
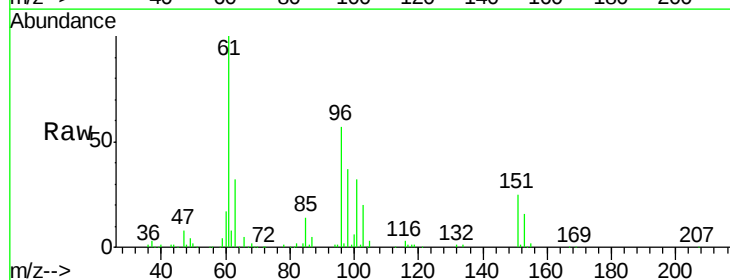
Tot Ion: 59 Resp: 102120
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

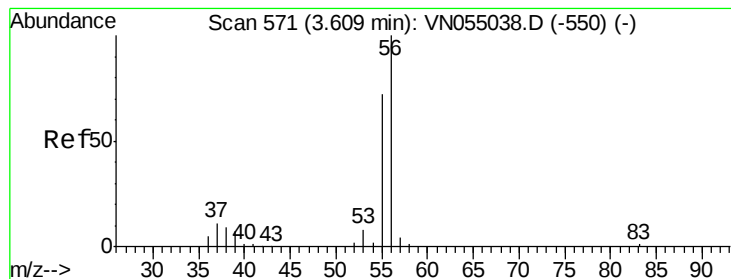


#12

1,1-Dichloroethene
 Concen: 57.575 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion: 96 Resp: 185082
 Ion Ratio Lower Upper
 96 100
 61 174.5 154.2 231.4
 98 65.5 52.9 79.3





#13

Acrolein

Concen: 287.953 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

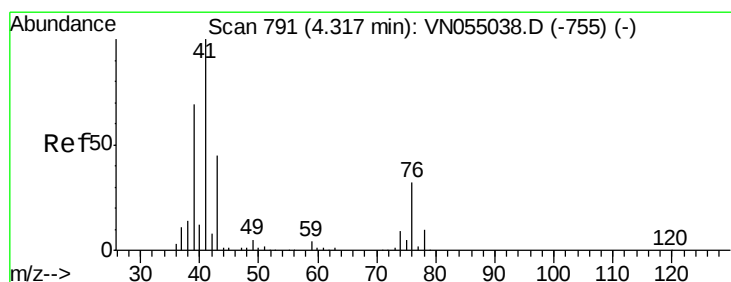
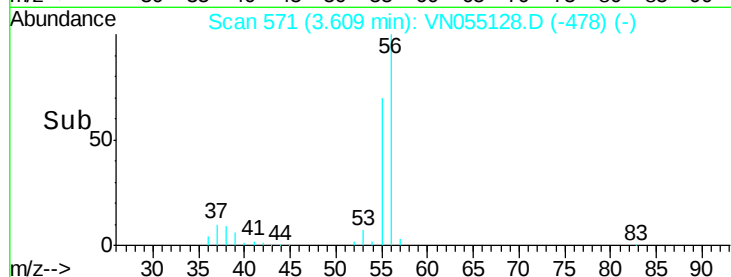
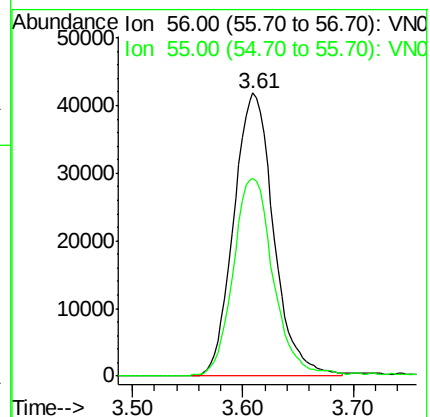
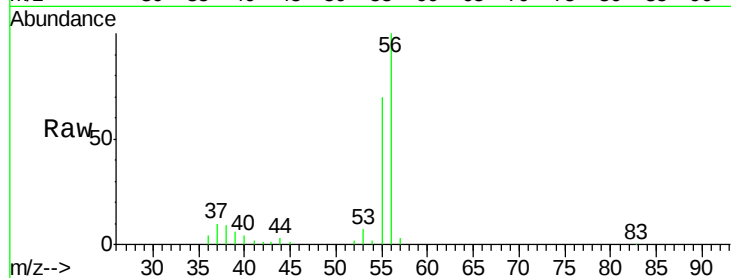
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 105033

Ion Ratio Lower Upper

56 100

55 69.5 59.5 89.3



#14

Allyl chloride

Concen: 49.575 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

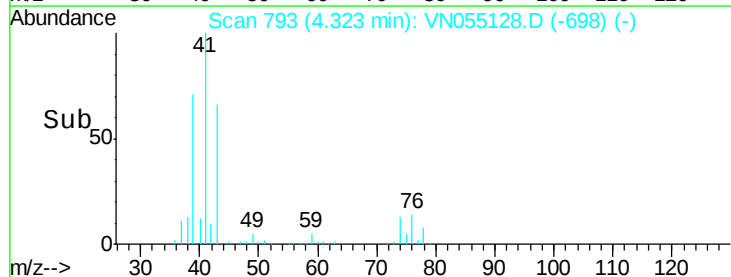
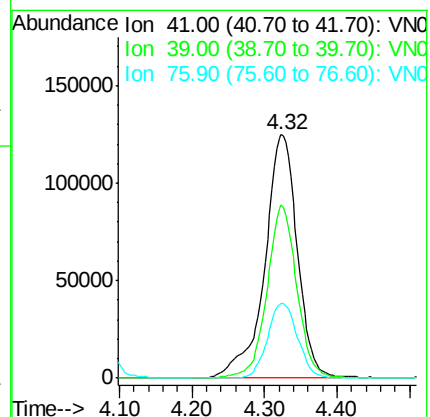
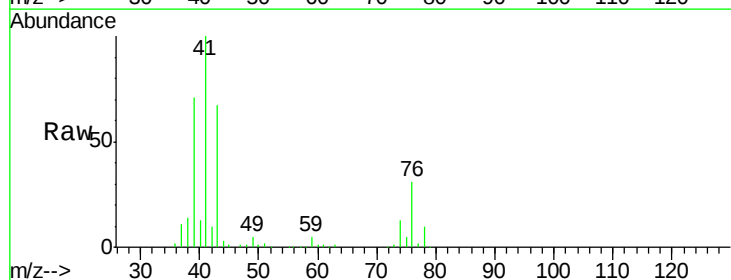
Tgt Ion: 41 Resp: 390094

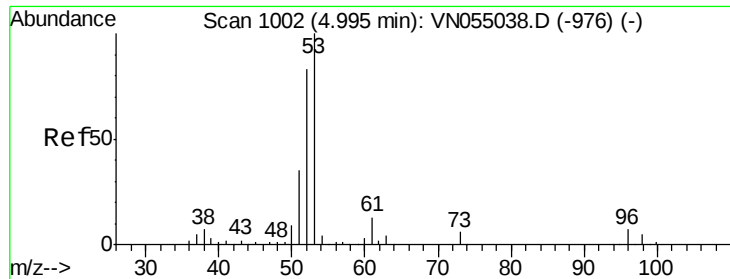
Ion Ratio Lower Upper

41 100

39 64.2 52.7 79.1

76 28.5 23.2 34.8





#15

Acrylonitrile

Concen: 285.299 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

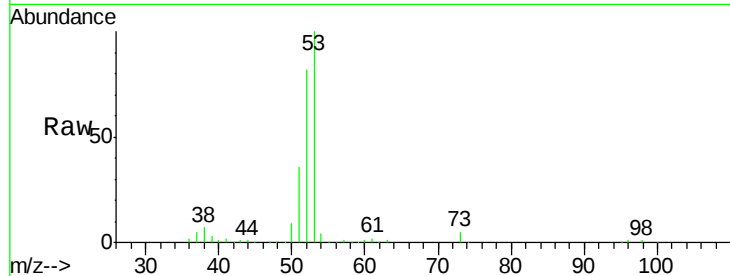
Tot Ion: 53 Resp: 503718

Ion Ratio Lower Upper

53 100

52 81.5 65.9 98.9

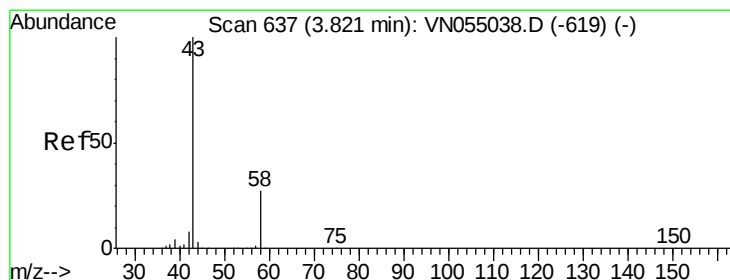
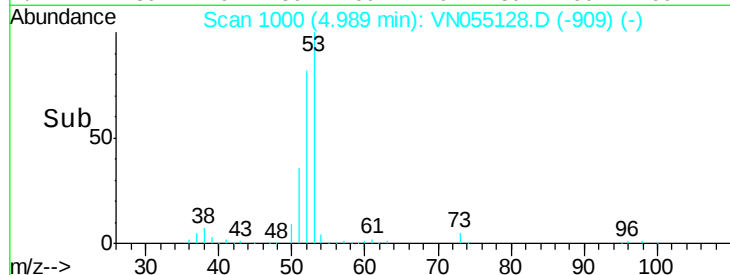
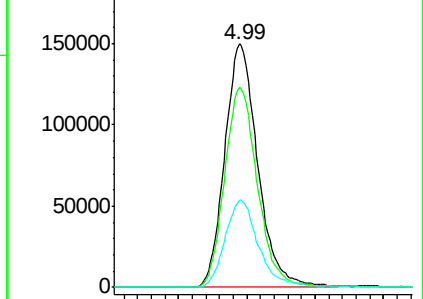
51 36.2 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN055128.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055128.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055128.D (-976) (-)



#16

Acetone

Concen: 288.612 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055128.D

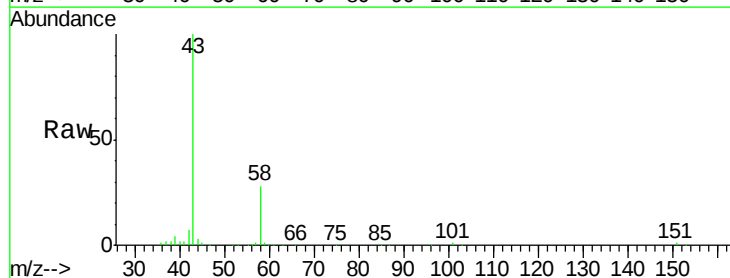
Acq: 18 Apr 2019 18:18

Tgt Ion: 43 Resp: 421728

Ion Ratio Lower Upper

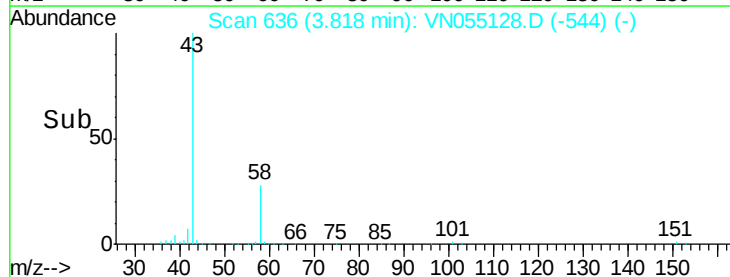
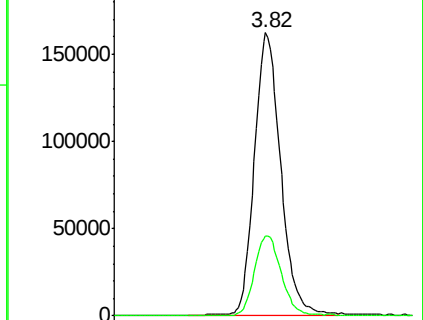
43 100

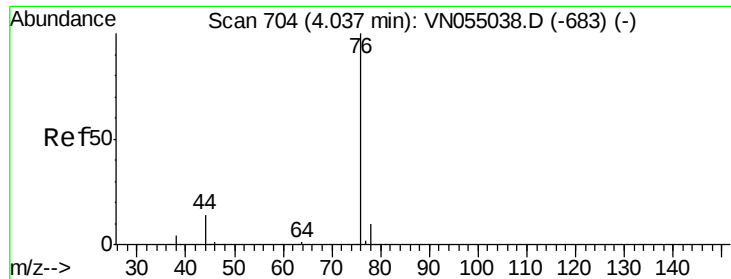
58 28.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055128.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN055128.D (-544) (-)

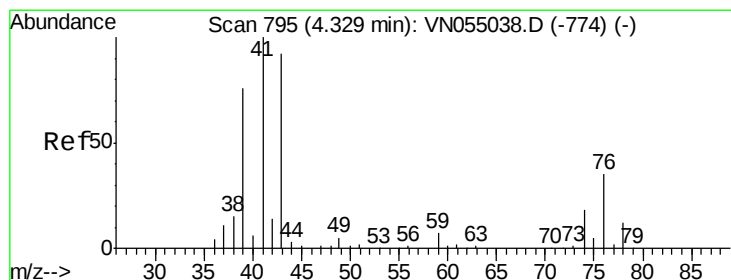
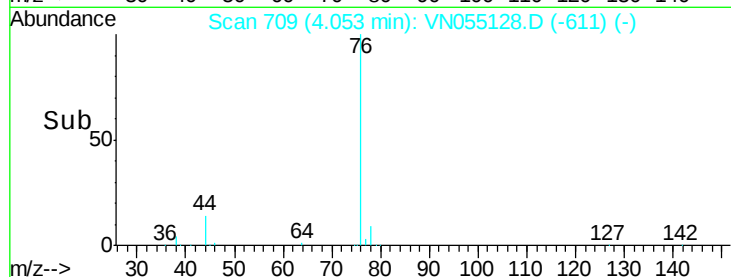
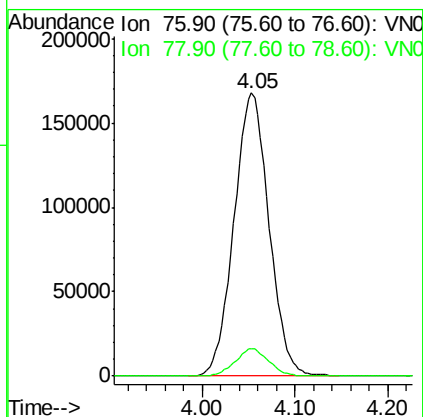
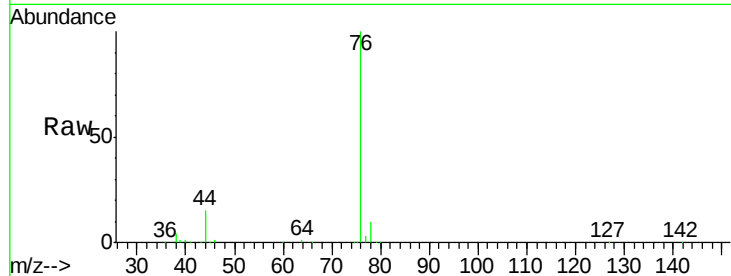




#17
Carbon Disulfide
Concen: 42.364 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.02 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

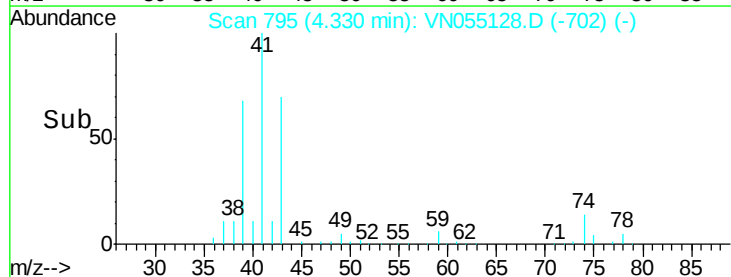
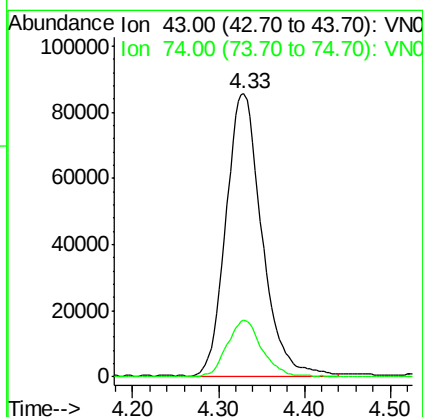
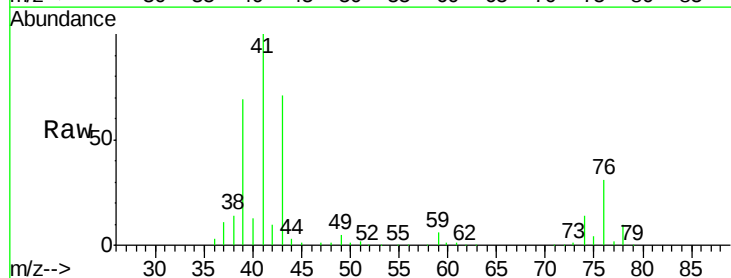
Instrument :
MSVOA_N
ClientSampleId :

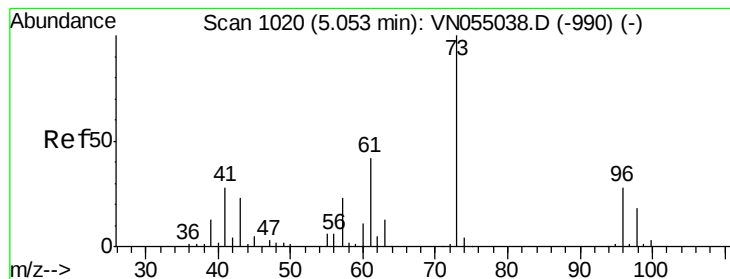
Tot Ion: 76 Resp: 439610
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 58.778 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion: 43 Resp: 247217
Ion Ratio Lower Upper
43 100
74 19.6 16.1 24.1



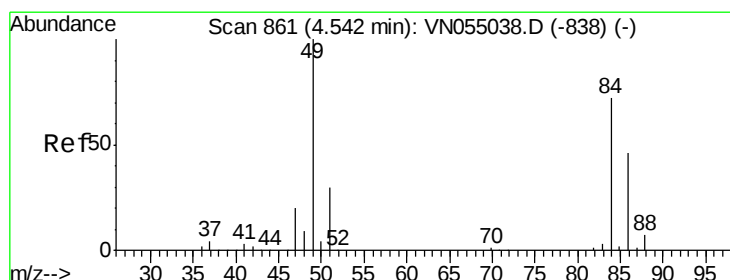
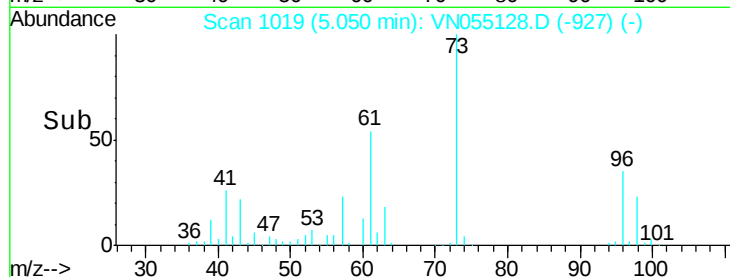
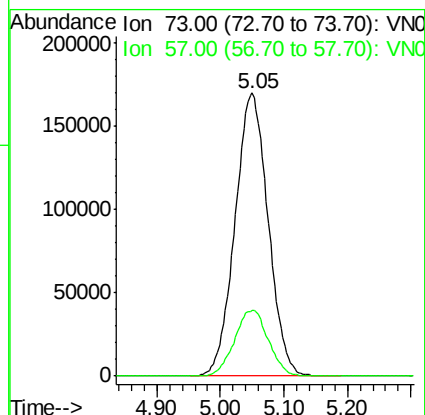
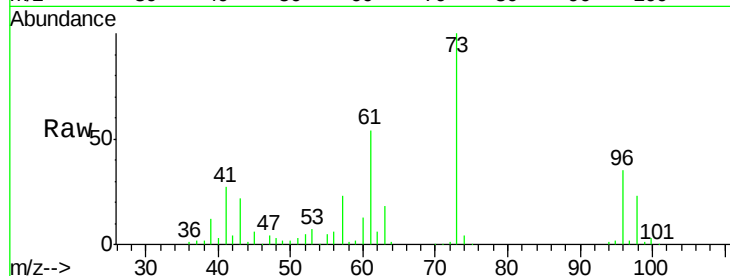


#19

Methvl tert-butvl Ether
 Concen: 53.517 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Instrument :
 MSVOA_N
 ClientSampleId :

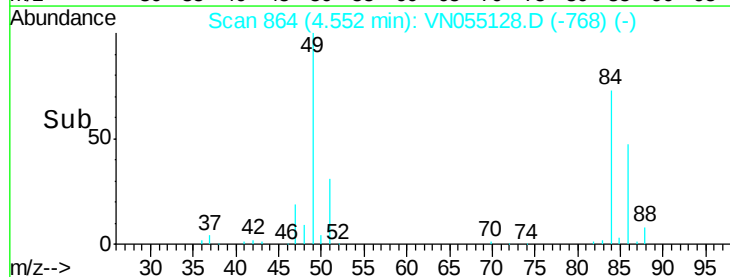
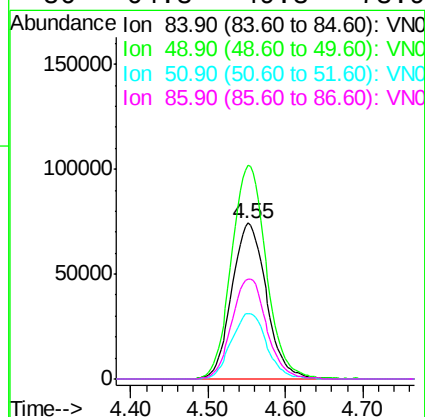
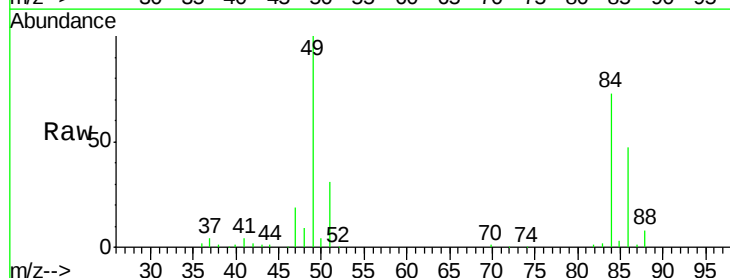
Tot Ion: 73 Resp: 615411
 Ion Ratio Lower Upper
 73 100
 57 23.1 19.0 28.4

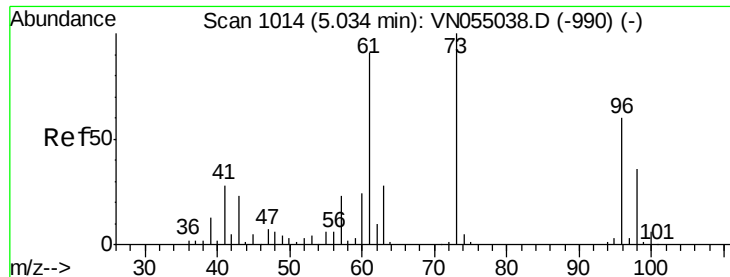


#20

Methylene Chloride
 Concen: 44.949 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion: 84 Resp: 230888
 Ion Ratio Lower Upper
 84 100
 49 136.9 109.4 164.2
 51 42.3 32.2 48.4
 86 64.3 49.3 73.9

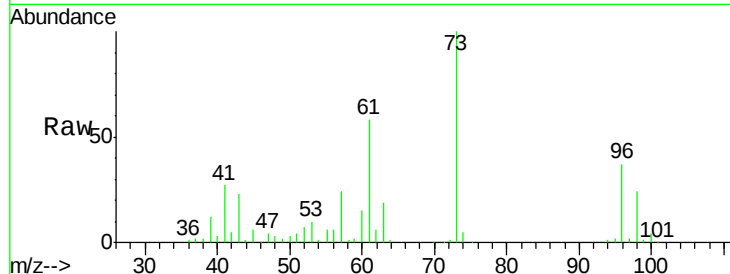




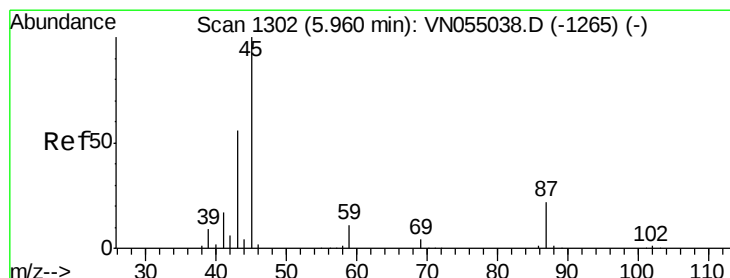
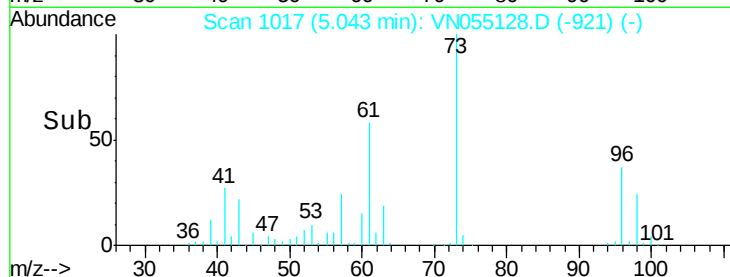
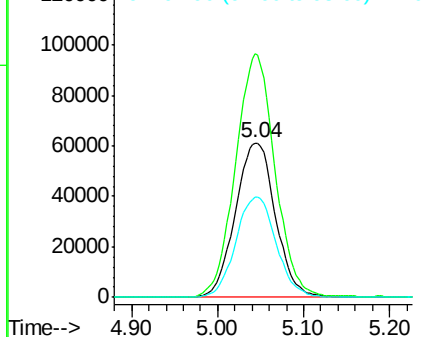
#21
trans-1,2-Dichloroethene
Concen: 45.488 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 197773
Ion Ratio Lower Upper
96 100
61 157.9 114.9 172.3
98 65.0 48.4 72.6

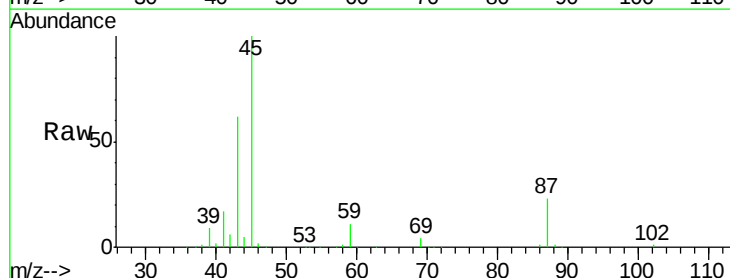


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

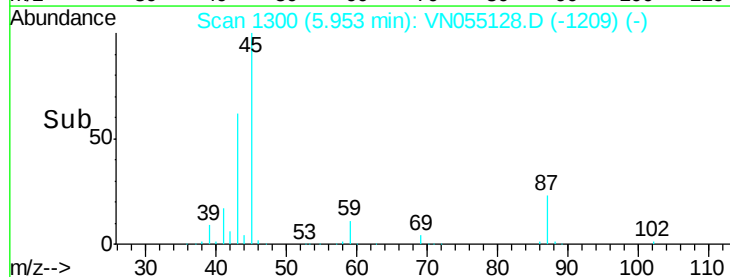
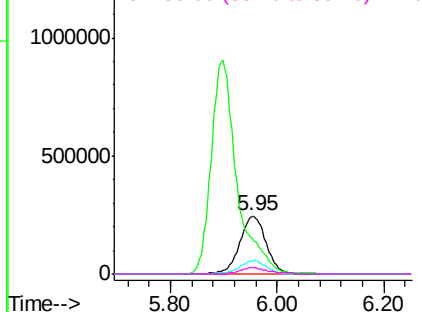


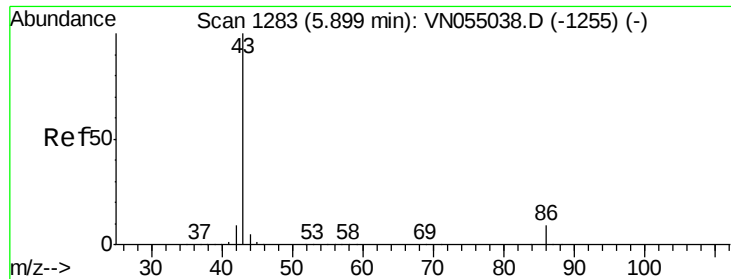
#22
Diisopropyl ether
Concen: 51.521 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion: 45 Resp: 833405
Ion Ratio Lower Upper
45 100
43 60.9 44.8 67.2
87 22.7 18.9 28.3
59 10.9 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: 285.066 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

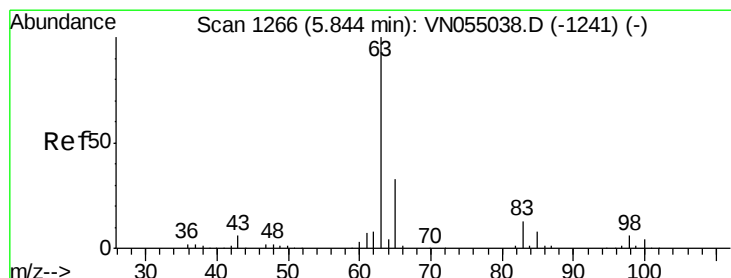
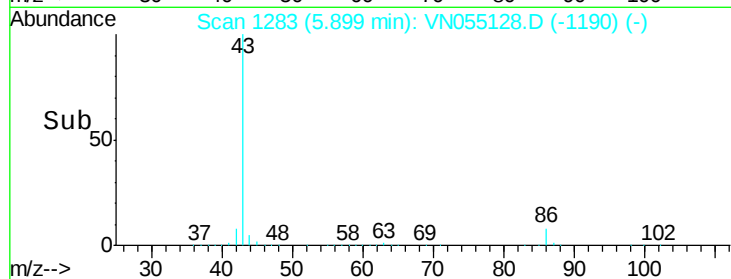
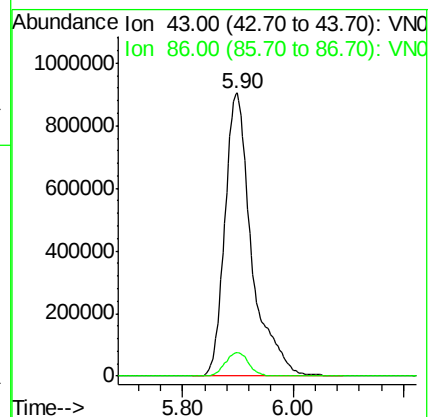
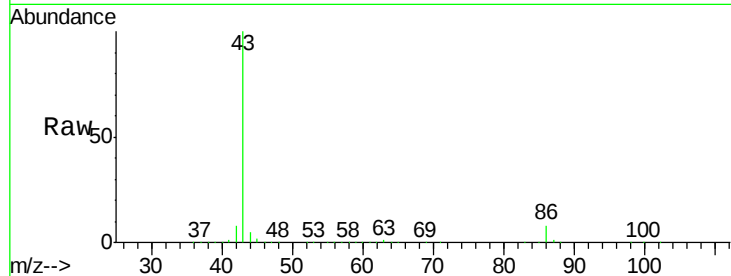
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3047922

Ion Ratio Lower Upper

43 100

86 8.3 7.0 10.4



#24

1,1-Dichloroethane

Concen: 48.436 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

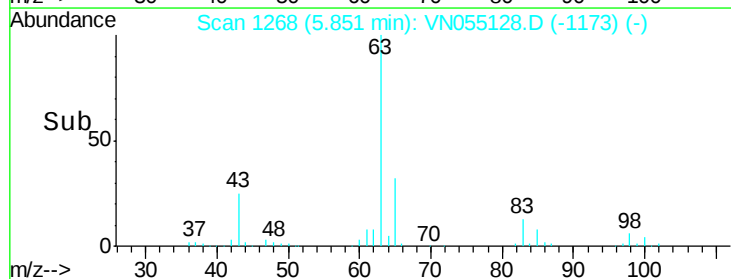
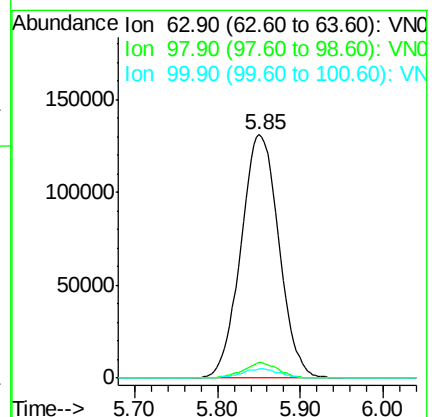
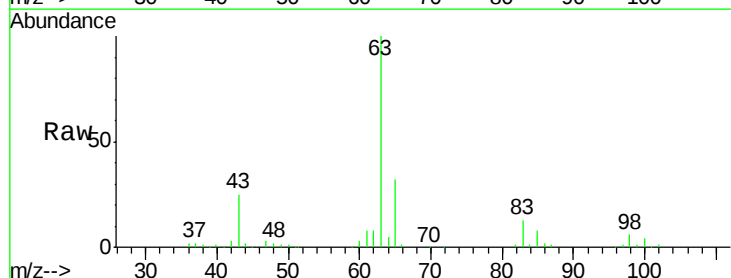
Tgt Ion: 63 Resp: 417230

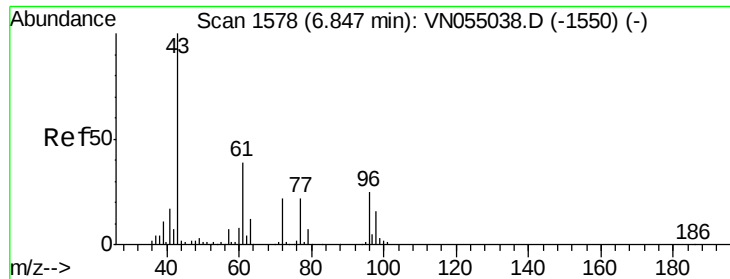
Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.4

100 3.6 2.0 5.8

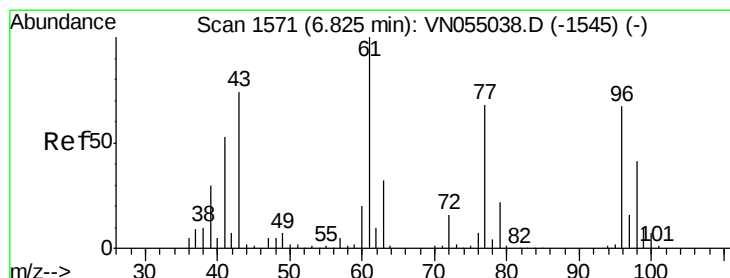
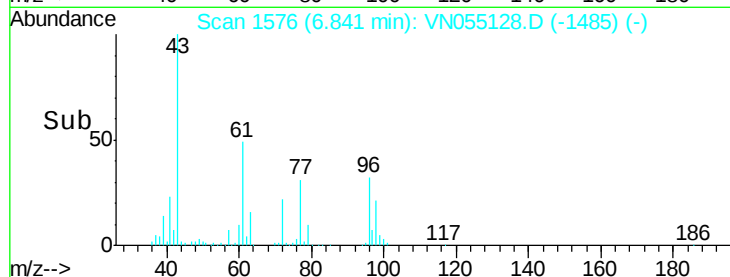
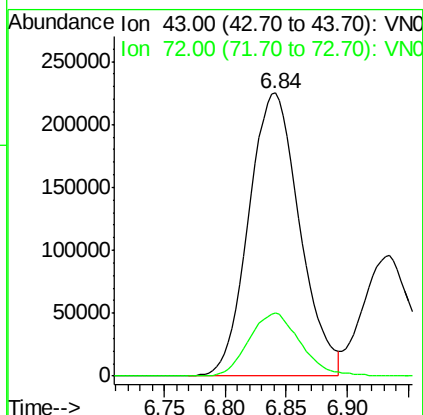
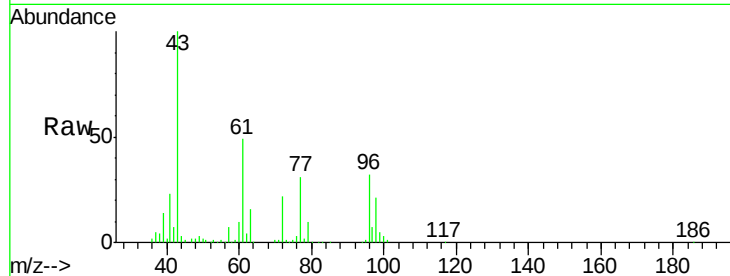




#25
2-Butanone
Concen: 297.985 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

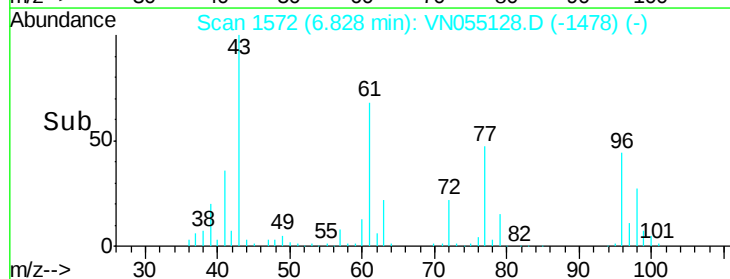
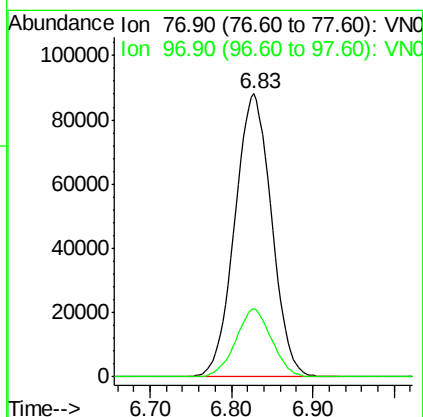
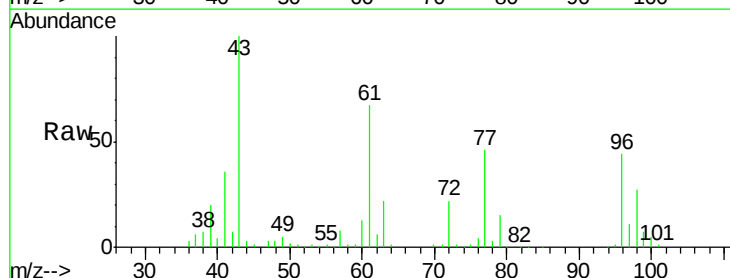
Instrument :
MSVOA_N
ClientSampled :

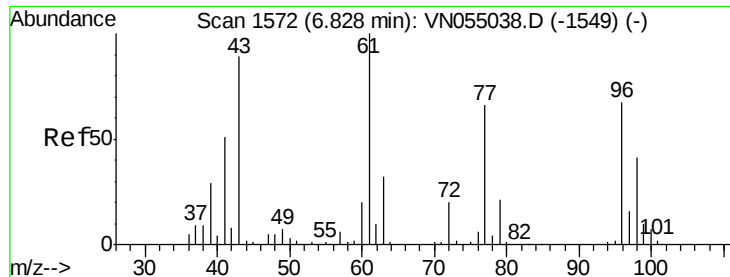
Tot Ion: 43 Resp: 649864
Ion Ratio Lower Upper
43 100
72 22.3 18.1 27.1



#26
2,2-Dichloropropane
Concen: 50.509 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion: 77 Resp: 274607
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 49.007 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :
MSVOA_N
ClientSampled :

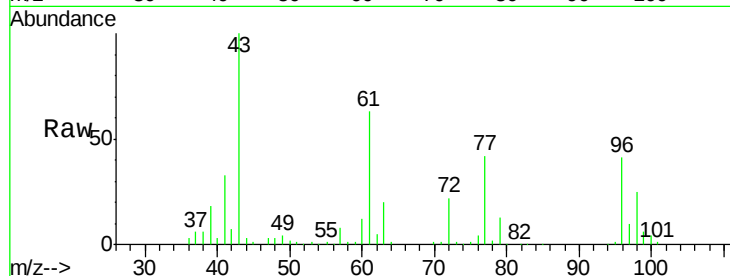
Tot Ion: 96 Resp: 241059

Ion Ratio Lower Upper

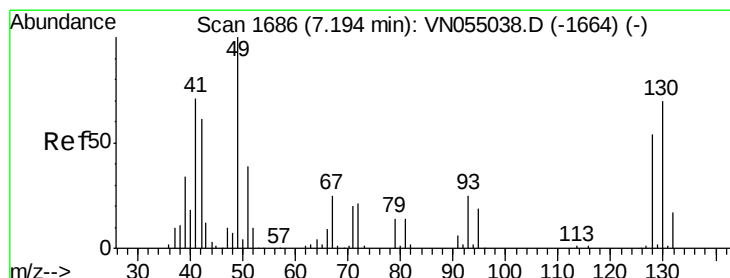
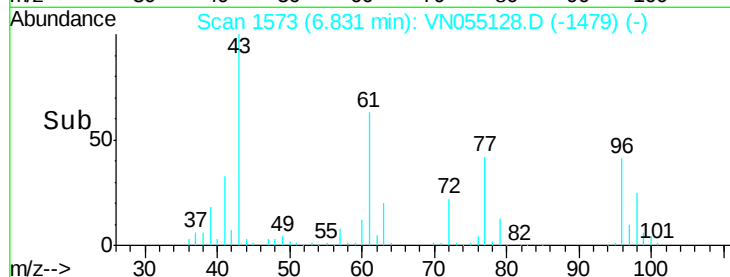
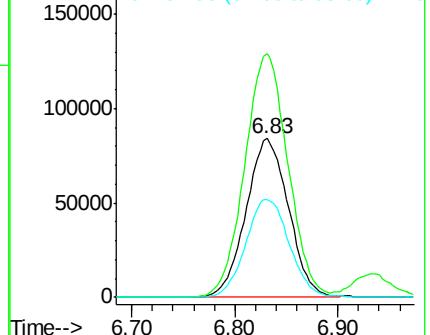
96 100

61 155.7 0.0 311.0

98 63.6 0.0 127.4



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



#28

Bromochloromethane

Concen: 48.214 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

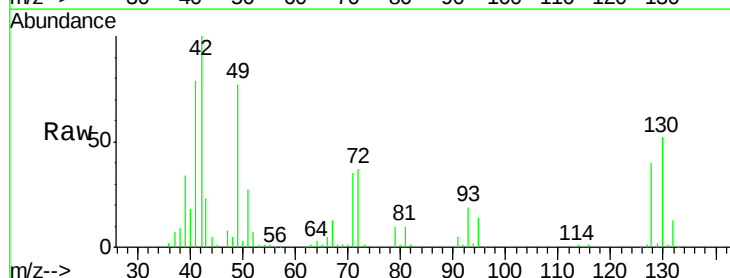
Tgt Ion: 49 Resp: 200203

Ion Ratio Lower Upper

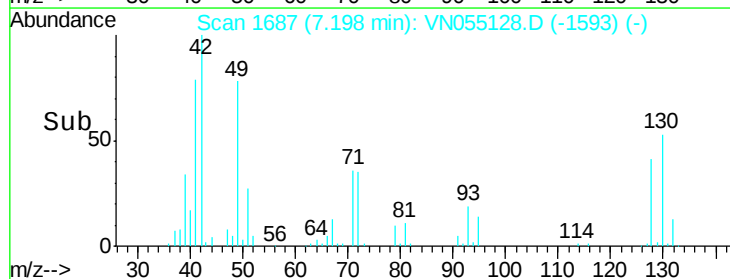
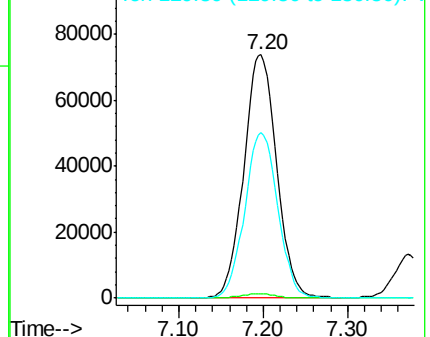
49 100

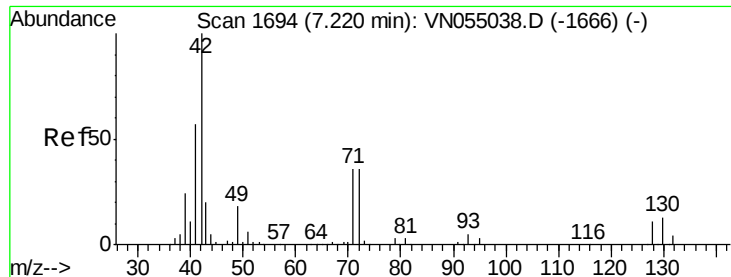
129 1.8 0.0 2.0

130 68.1 53.4 80.2



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

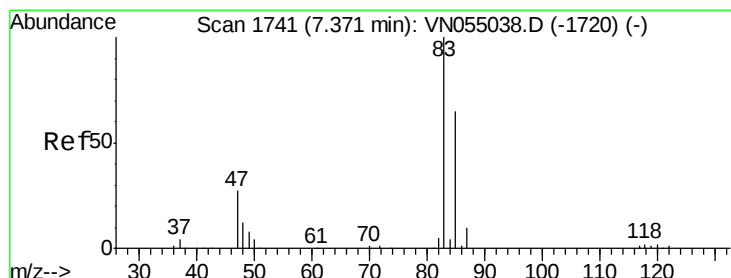
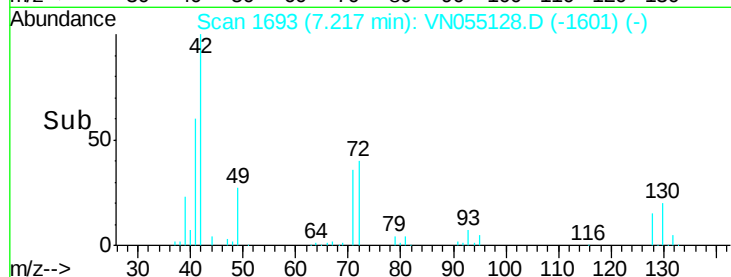
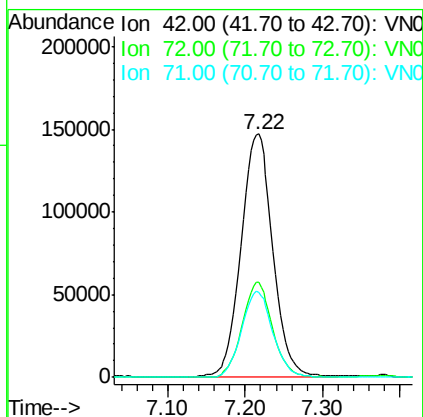
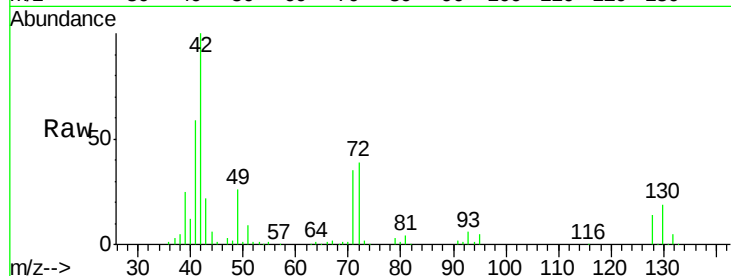




#29
Tetrahydrofuran
Concen: 293.490 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

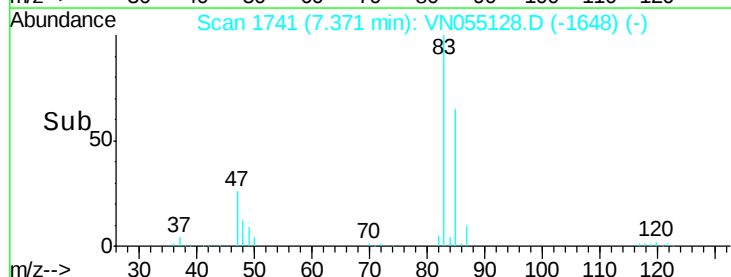
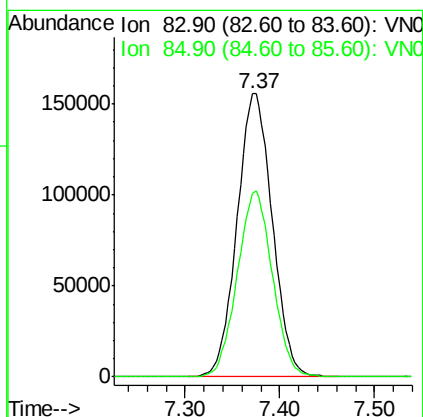
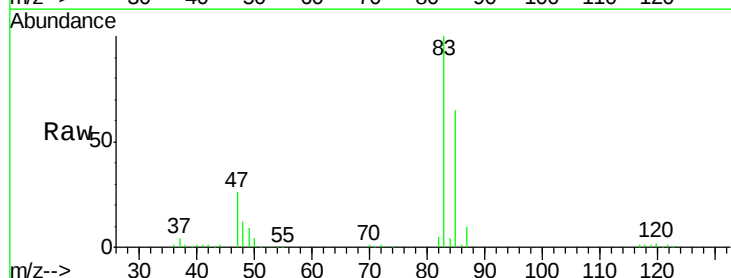
Instrument :
MSVOA_N
ClientSampleId :

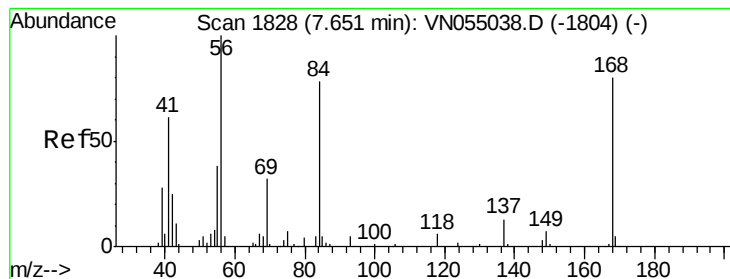
Tot Ion: 42 Resp: 419733
Ion Ratio Lower Upper
42 100
72 37.4 29.4 44.0
71 35.0 27.8 41.6



#30
Chloroform
Concen: 48.201 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion: 83 Resp: 403309
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6





#31

Cyclohexane

Concen: 47.864 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :
MSVOA_N
ClientSampled :

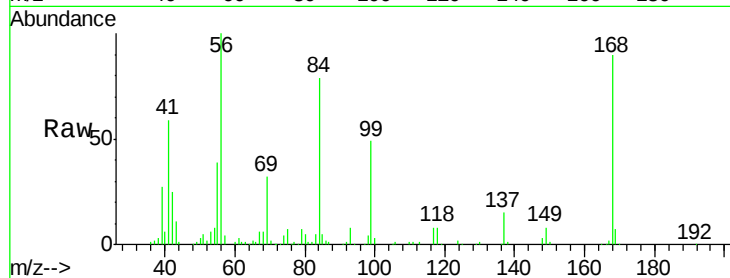
Tot Ion: 56 Resp: 364919

Ion Ratio Lower Upper

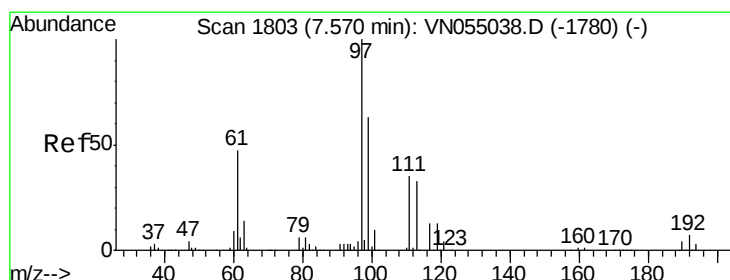
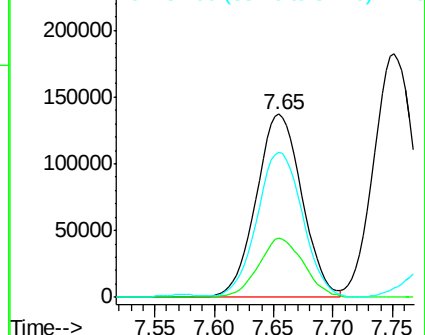
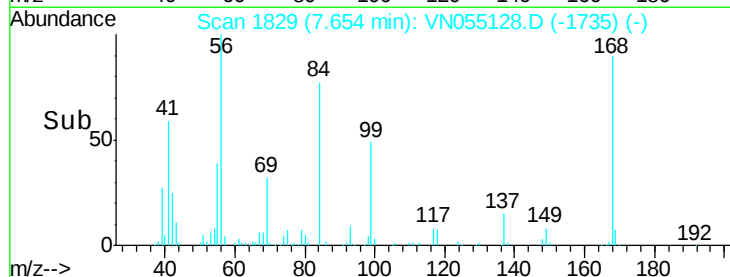
56 100

69 32.3 24.5 36.7

84 78.0 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: 49.410 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

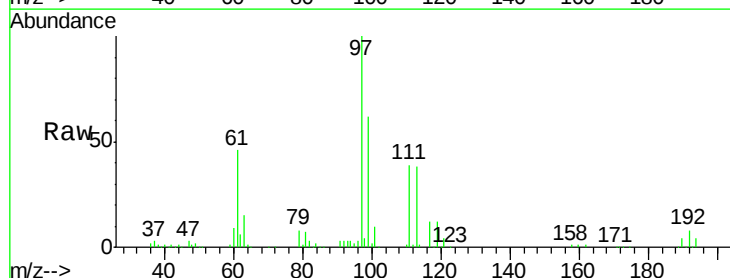
Tgt Ion: 97 Resp: 327546

Ion Ratio Lower Upper

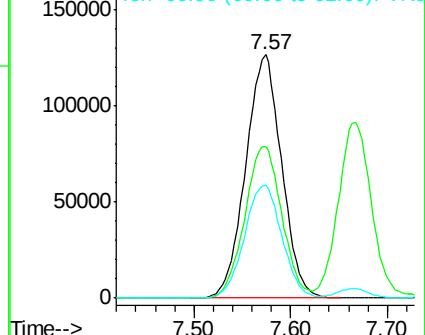
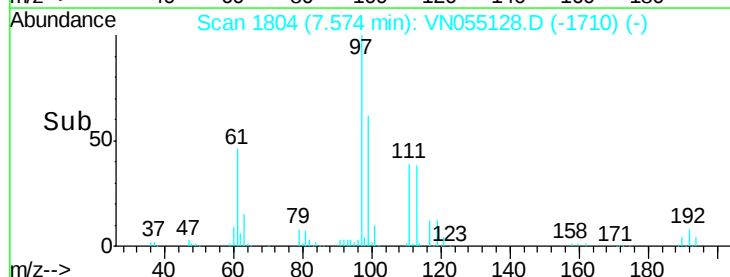
97 100

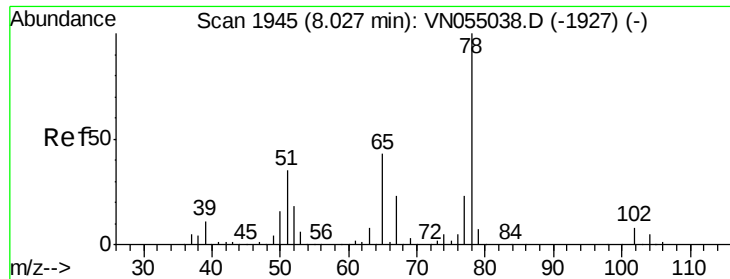
99 64.1 51.6 77.4

61 48.3 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

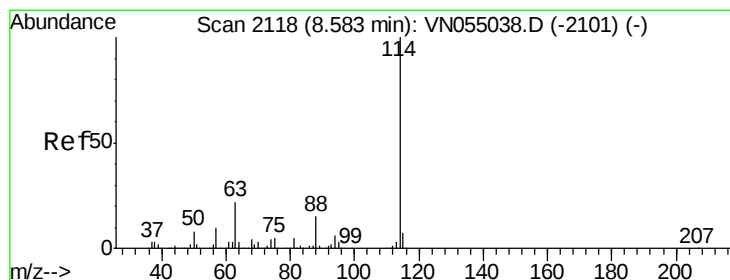
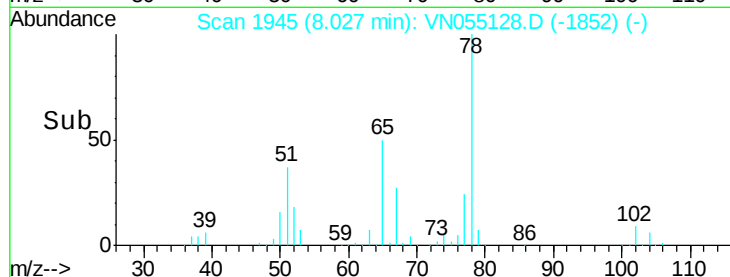
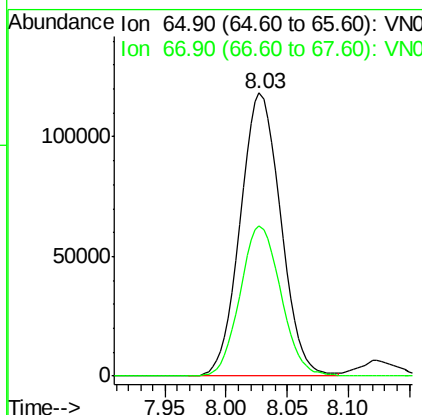
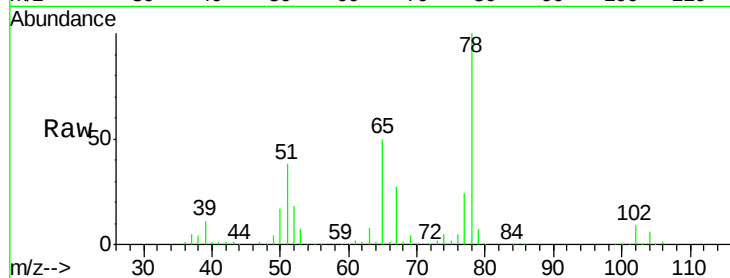




#33
 1,2-Dichloroethane-d4
 Concen: 50.504 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

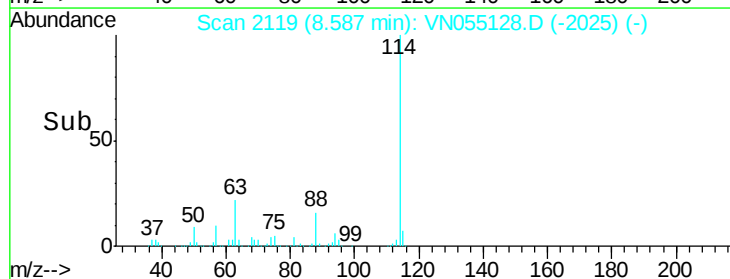
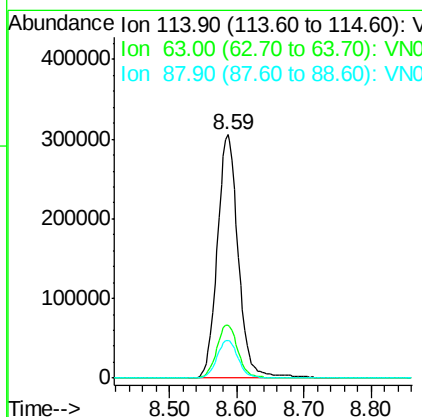
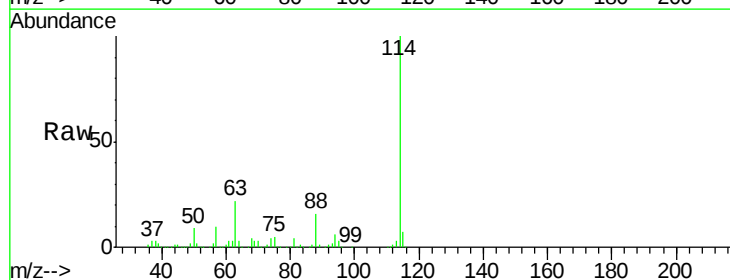
Instrument :
 MSVOA_N
 ClientSampled :

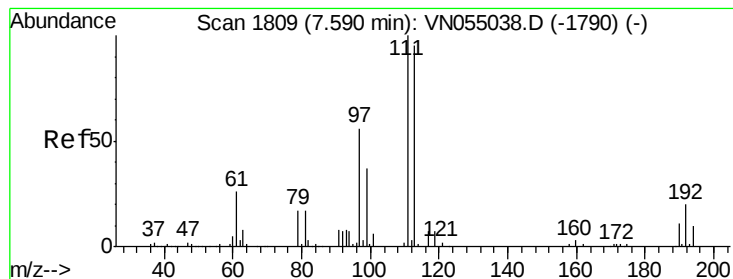
Tot Ion: 65 Resp: 271900
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion: 114 Resp: 665168
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.2
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.314 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

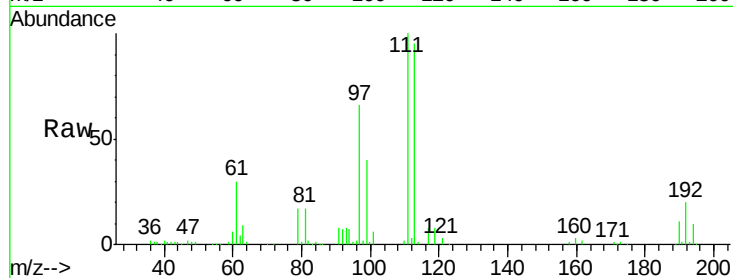
Tot Ion:113 Resp: 219221

Ion Ratio Lower Upper

113 100

111 103.3 82.1 123.1

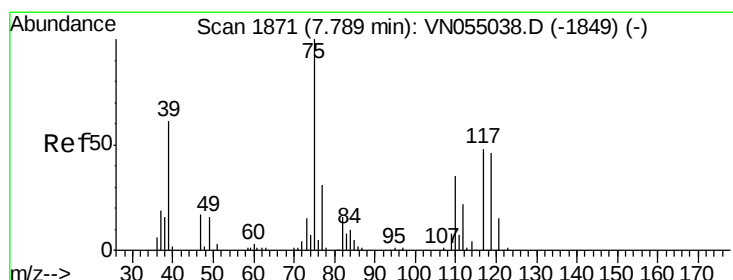
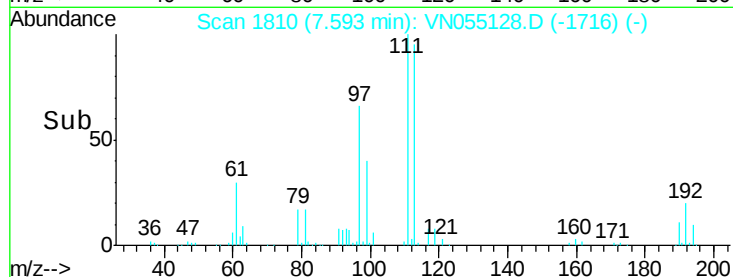
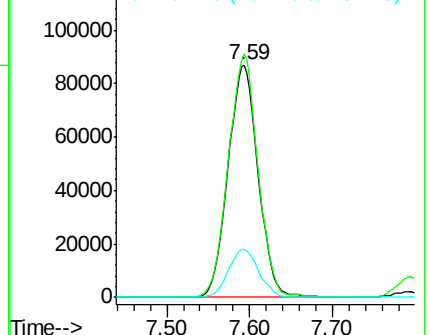
192 20.9 16.5 24.7



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: 45.538 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

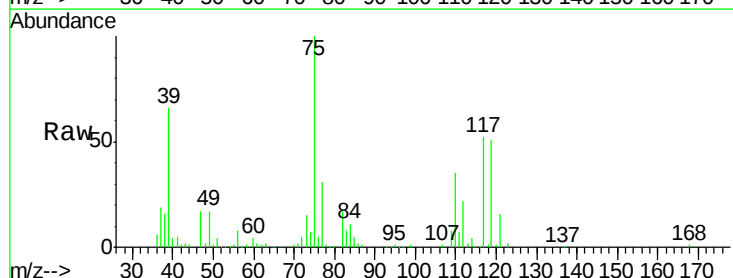
Tgt Ion: 75 Resp: 285544

Ion Ratio Lower Upper

75 100

110 34.9 17.5 52.5

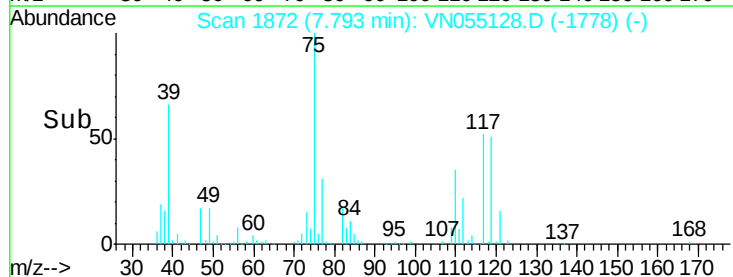
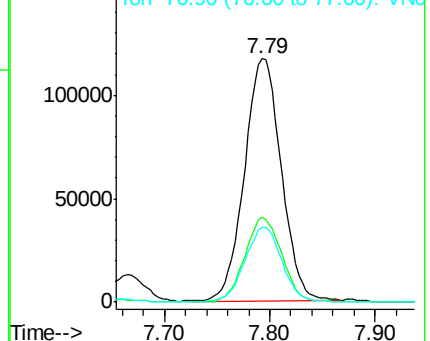
77 31.3 24.9 37.3

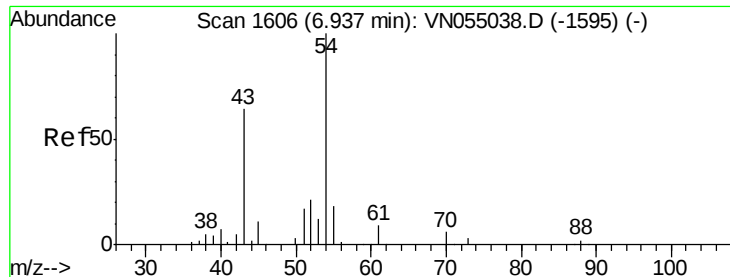


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

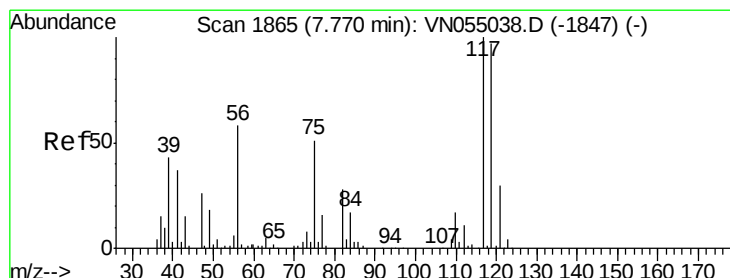
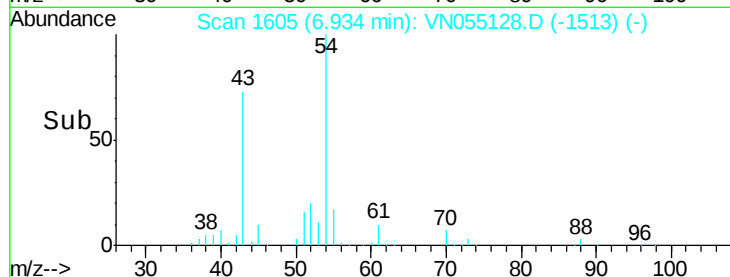
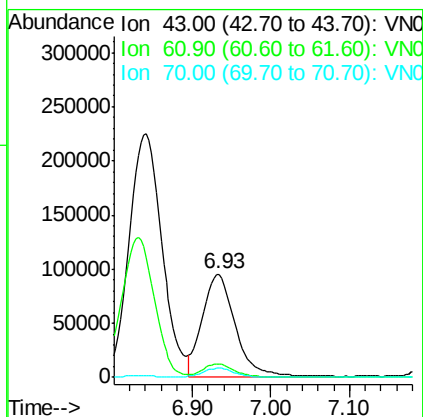
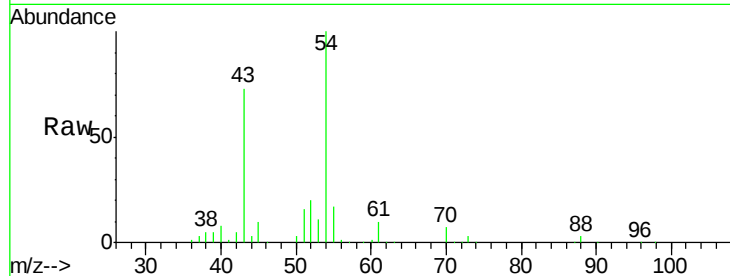




#37
Ethyl Acetate
Concen: 53.531 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

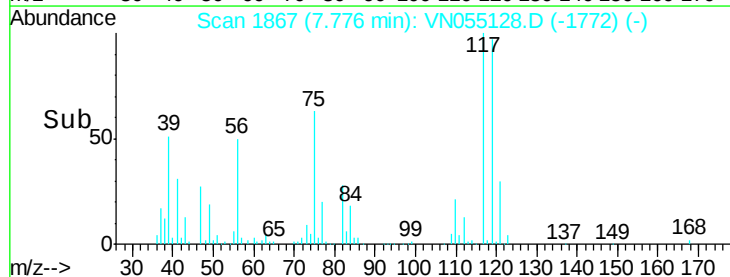
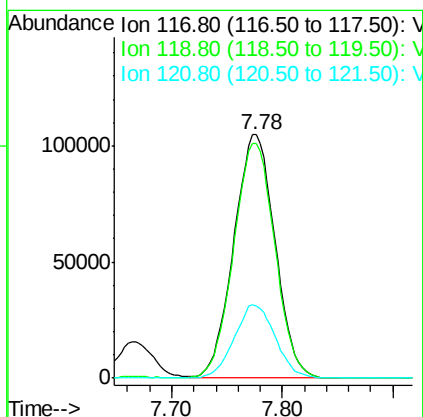
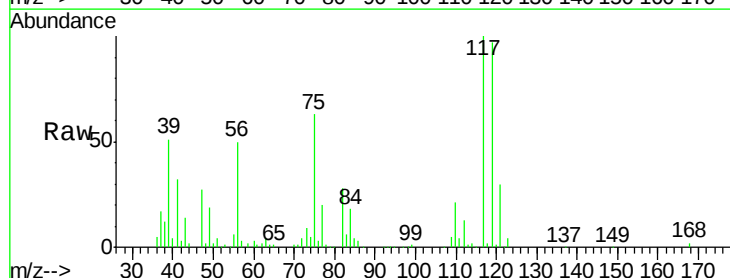
Instrument :
MSVOA_N
ClientSampled :

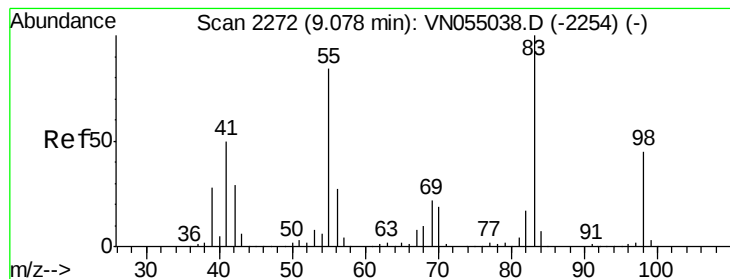
Tot Ion: 43 Resp: 273268
Ion Ratio Lower Upper
43 100
61 13.0 10.0 15.0
70 8.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 45.599 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion: 117 Resp: 272034
Ion Ratio Lower Upper
117 100
119 96.6 76.3 114.5
121 29.8 23.9 35.9





#39

Methvlcvclohexane

Concen: 44.230 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

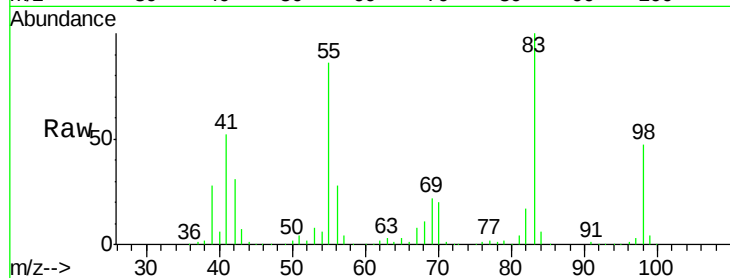
Tot Ion: 83 Resp: 300532

Ion Ratio Lower Upper

83 100

55 85.8 67.0 100.4

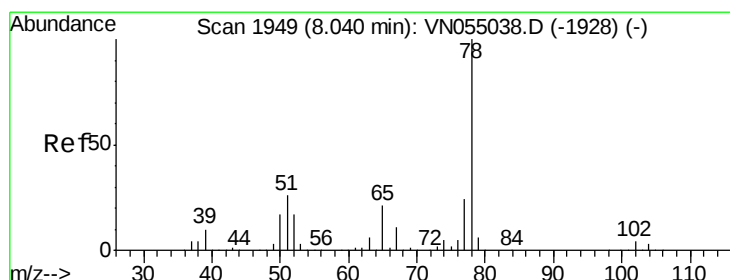
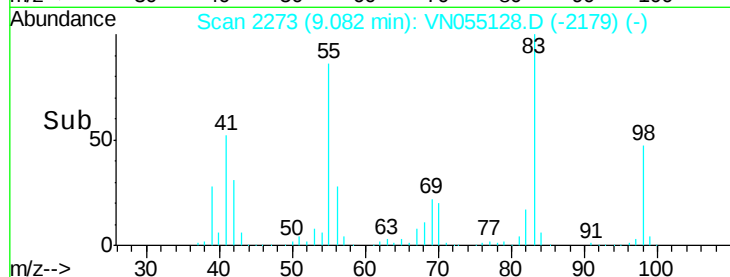
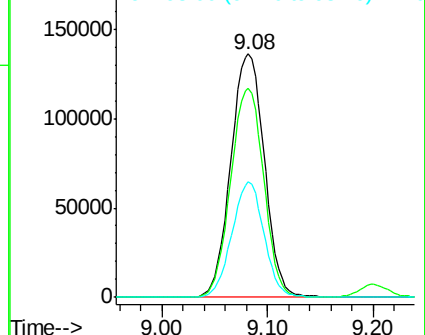
98 47.4 35.6 53.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 47.342 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN055128.D

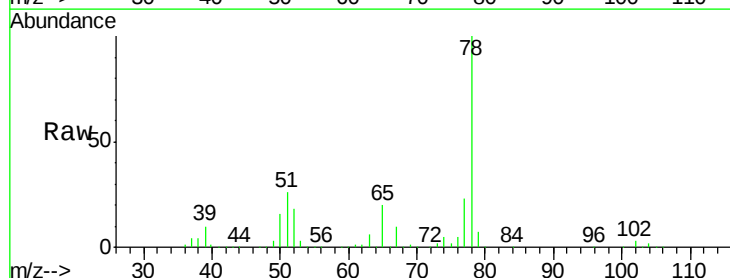
Acq: 18 Apr 2019 18:18

Tgt Ion: 78 Resp: 894688

Ion Ratio Lower Upper

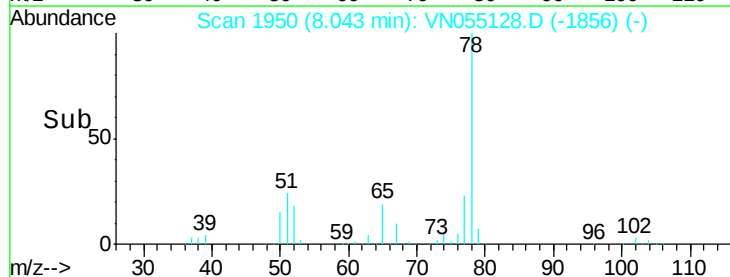
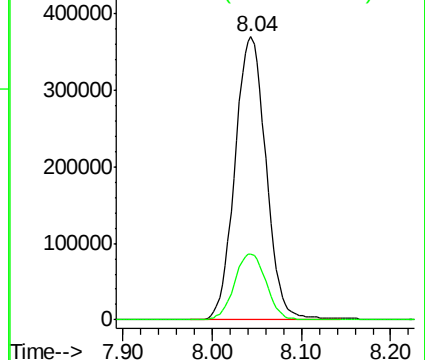
78 100

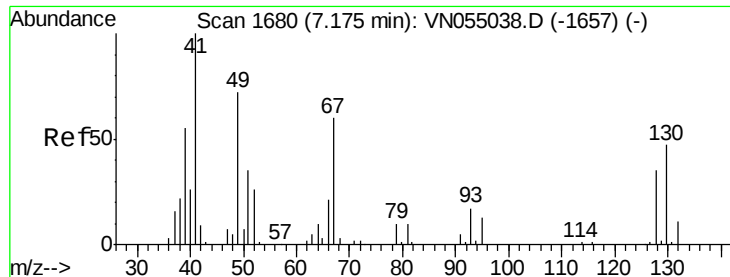
77 23.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 52.237 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 148026

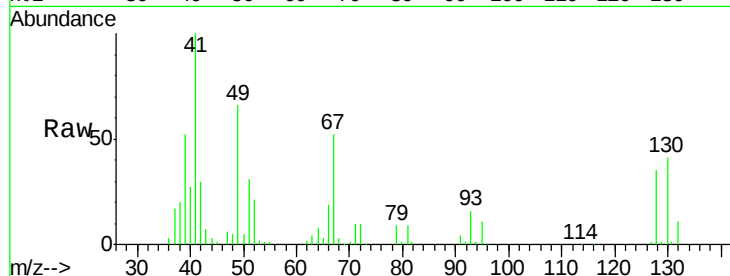
Ion Ratio Lower Upper

41 100

39 60.7 45.6 68.4

67 71.0 57.0 85.6

52 31.1 23.6 35.4

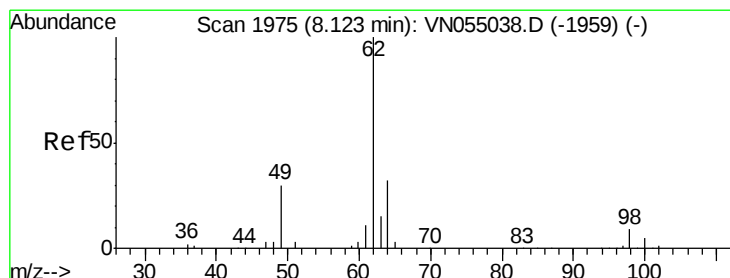
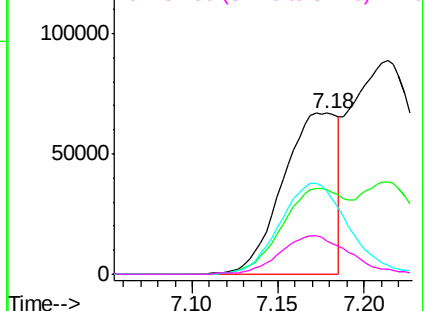
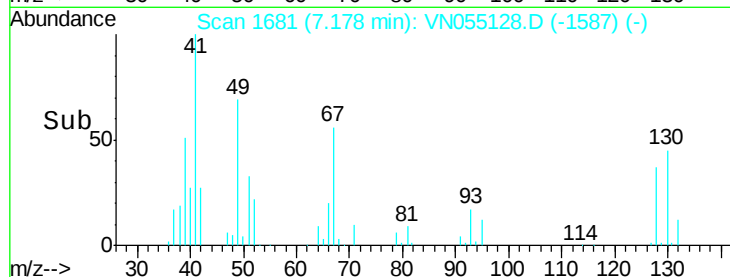


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 48.277 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN055128.D

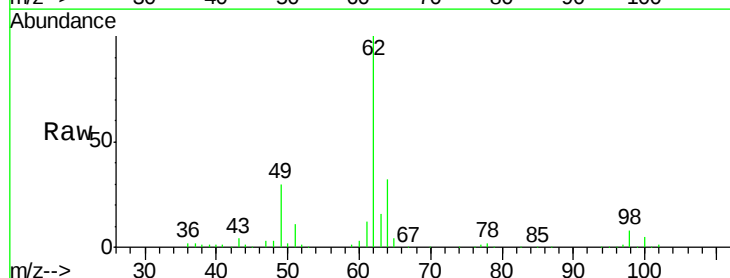
Acq: 18 Apr 2019 18:18

Tgt Ion: 62 Resp: 316769

Ion Ratio Lower Upper

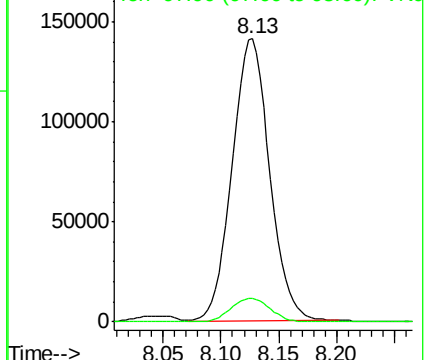
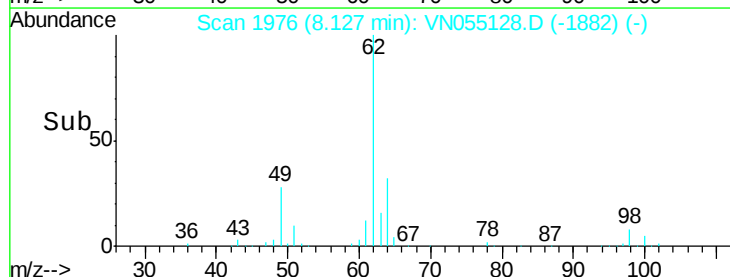
62 100

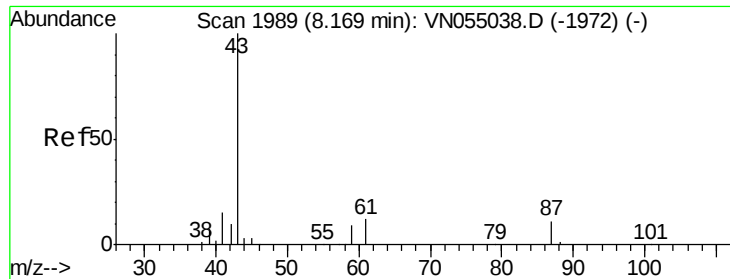
98 8.7 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 58.500 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampled :

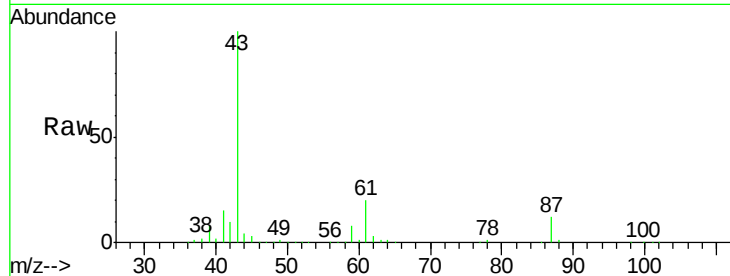
Tot Ion: 43 Resp: 460157

Ion Ratio Lower Upper

43 100

61 18.6 14.3 21.5

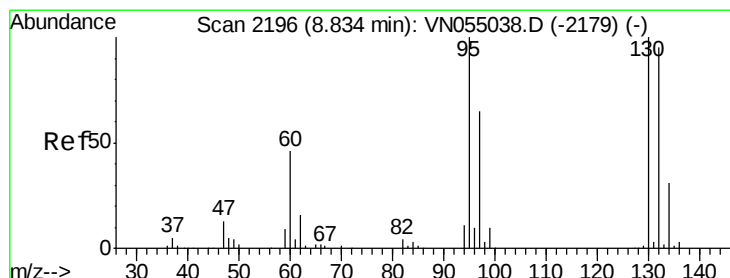
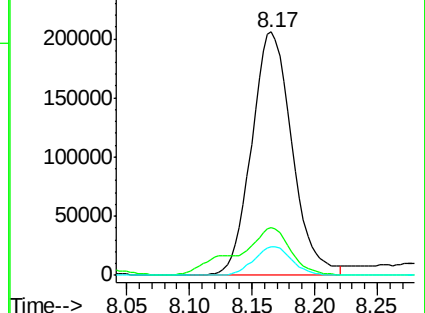
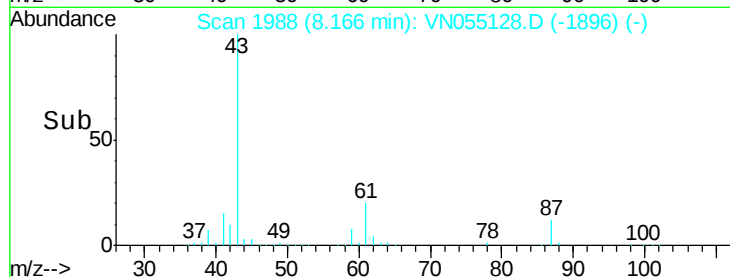
87 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055128.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN055128.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN055128.D (-1896) (-)



#44

Trichloroethene

Concen: 46.128 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055128.D

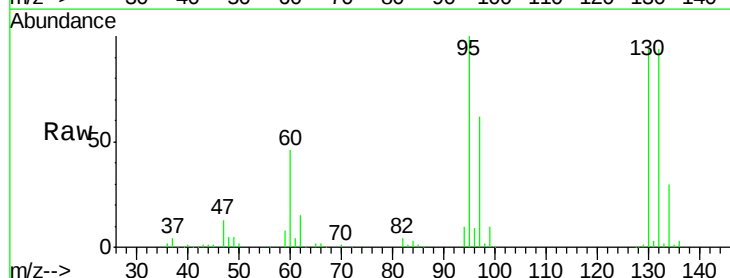
Acq: 18 Apr 2019 18:18

Tgt Ion: 130 Resp: 218349

Ion Ratio Lower Upper

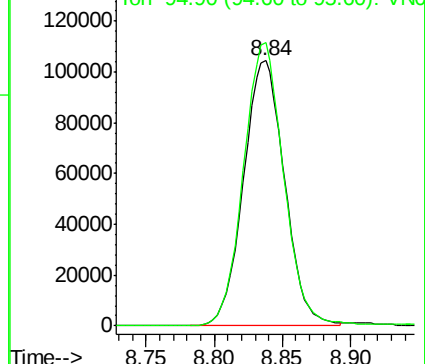
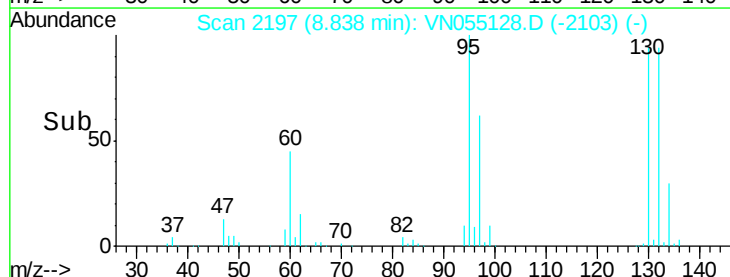
130 100

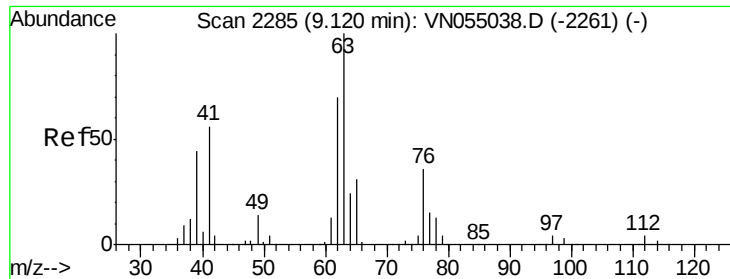
95 106.7 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN055128.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055128.D (-2103) (-)

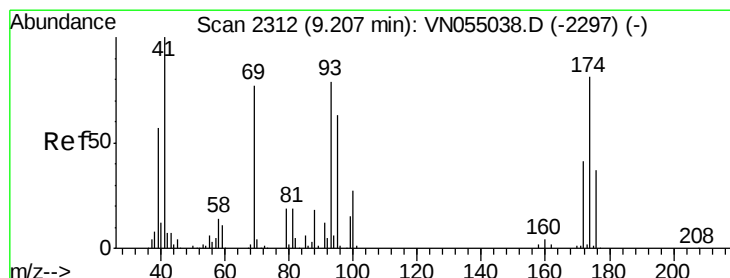
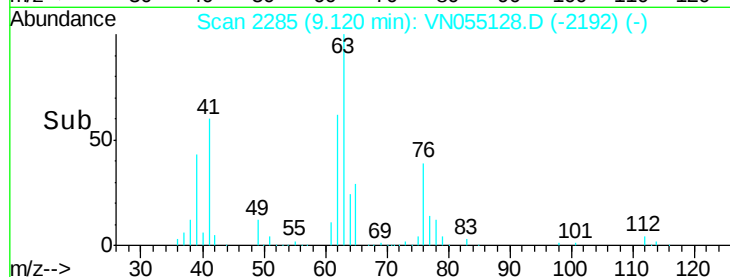
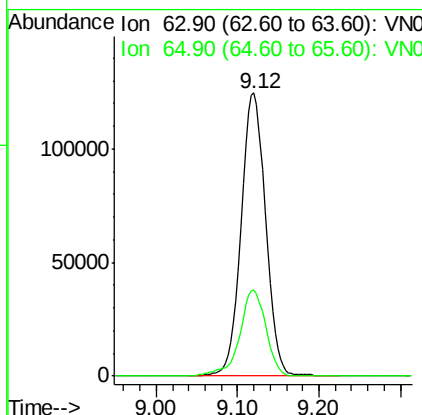
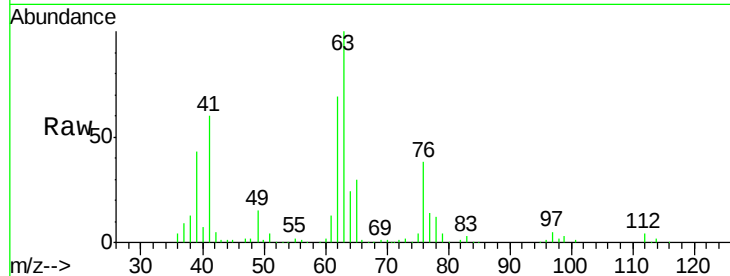




#45
 1,2-Dichloropropane
 Concen: 49.031 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

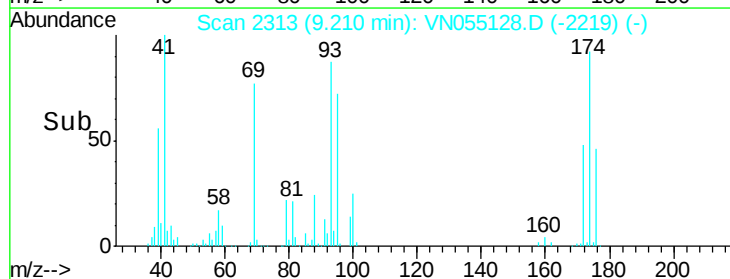
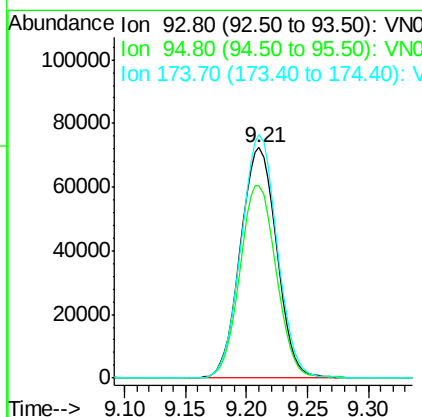
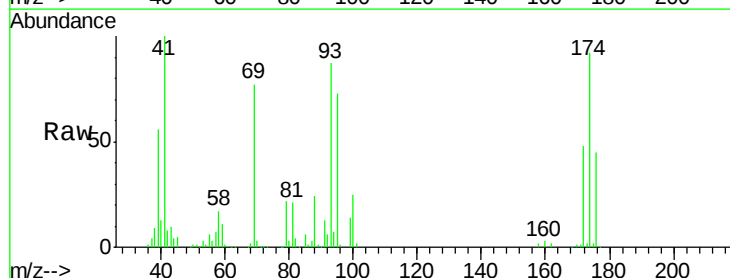
Instrument :
 MSVOA_N
 ClientSampleId :

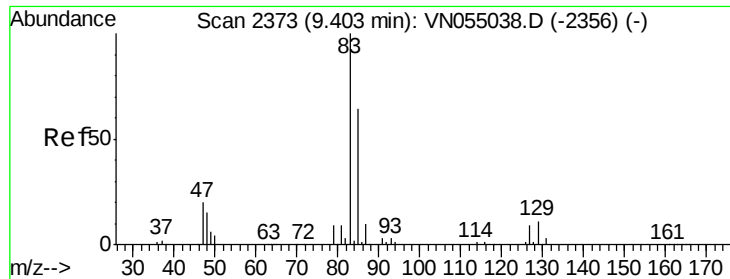
Tot Ion: 63 Resp: 258416
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.4 36.6



#46
 Dibromomethane
 Concen: 49.728 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion: 93 Resp: 149180
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.0 97.6
 174 104.3 81.0 121.6





#47

Bromodichloromethane

Concen: 50.481 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampled :

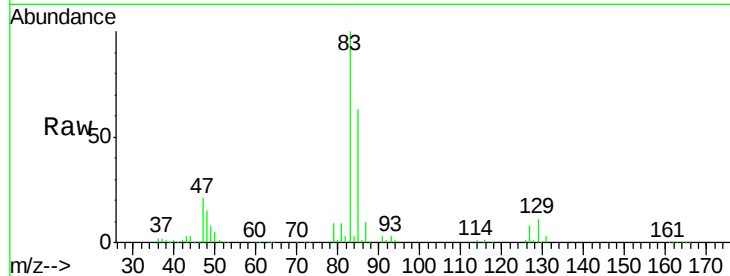
Tot Ion: 83 Resp: 312222

Ion Ratio Lower Upper

83 100

85 62.9 51.2 76.8

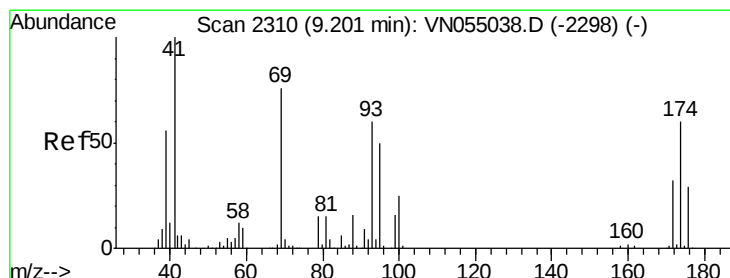
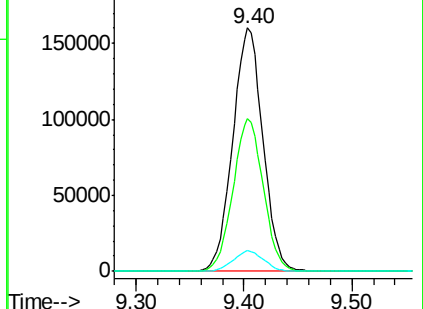
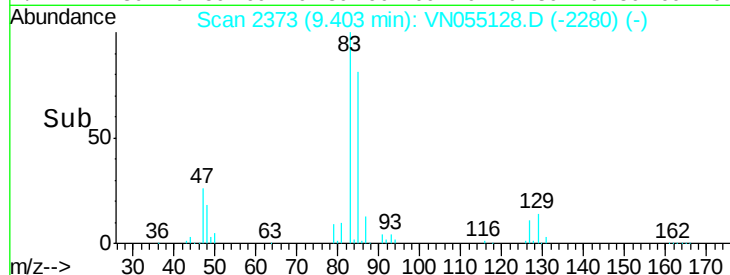
127 8.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN055128.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055128.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055128.D (-2280) (-)



#48

Methyl methacrylate

Concen: 55.391 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

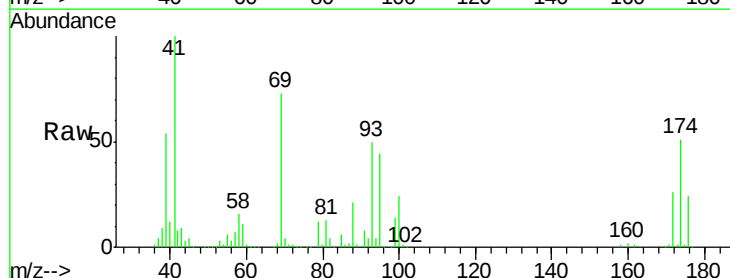
Tgt Ion: 41 Resp: 215957

Ion Ratio Lower Upper

41 100

69 78.7 60.5 90.7

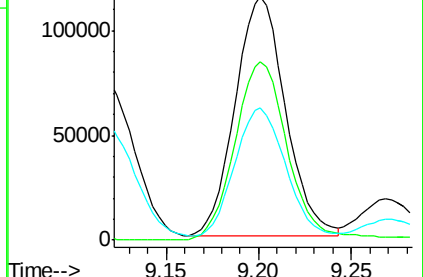
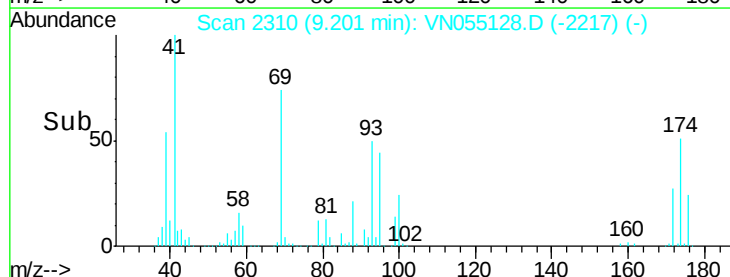
39 56.4 43.9 65.9

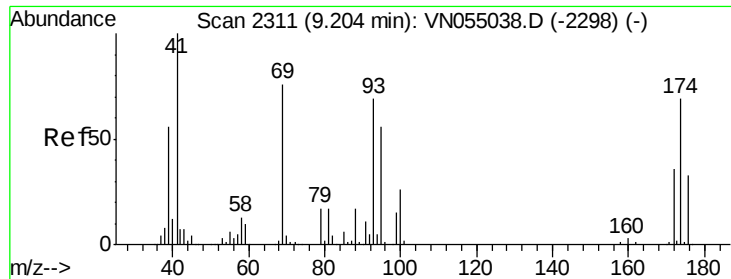


Abundance Ion 41.00 (40.70 to 41.70): VN055128.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055128.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055128.D (-2217) (-)

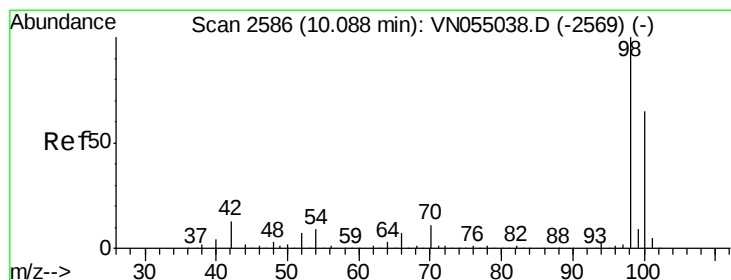
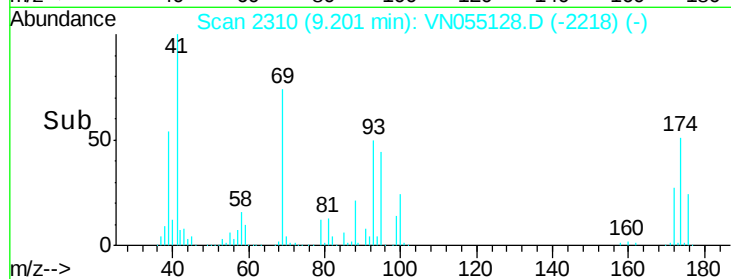
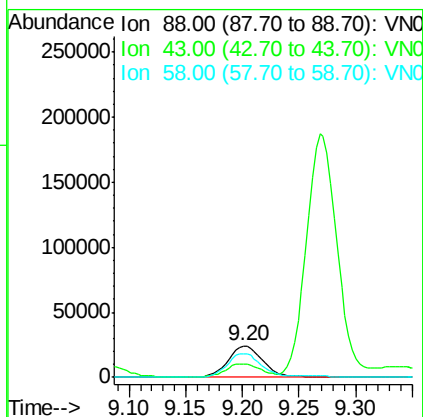
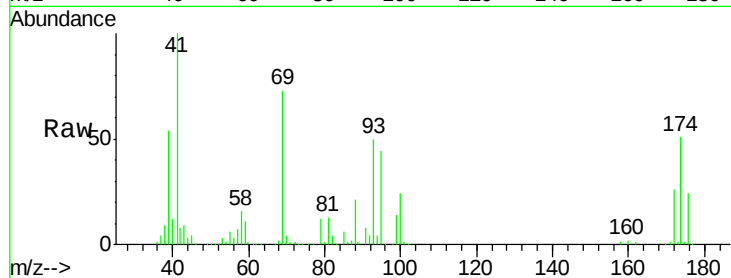




#49
1,4-Dioxane
Concen: 1417.525 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

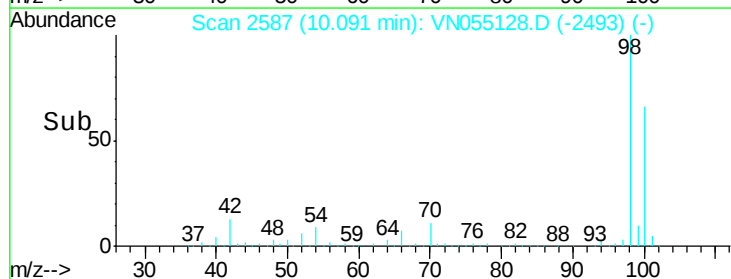
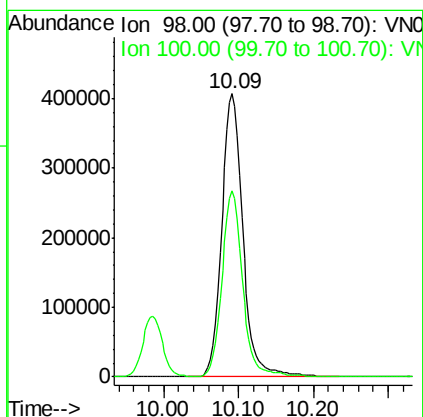
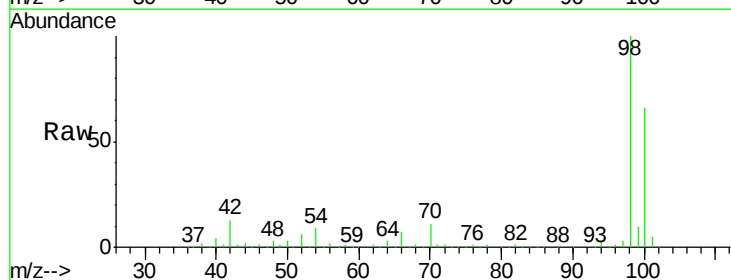
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 51778
Ion Ratio Lower Upper
88 100
43 39.7 31.8 47.8
58 75.5 61.6 92.4



#50
Toluene-d8
Concen: 49.960 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion: 98 Resp: 794884
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 296.118 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

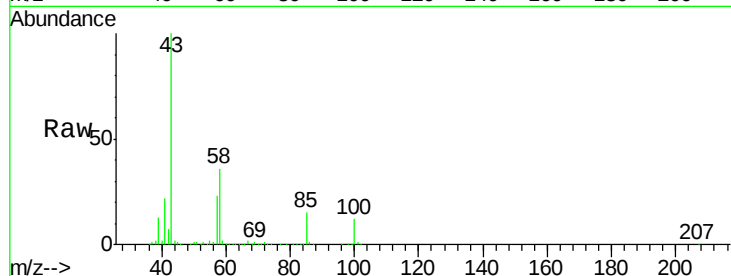
ClientSampled :

Tot Ion: 43 Resp: 1345660

Ion Ratio Lower Upper

43 100

58 35.6 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-2535) (-)

9.99

800000

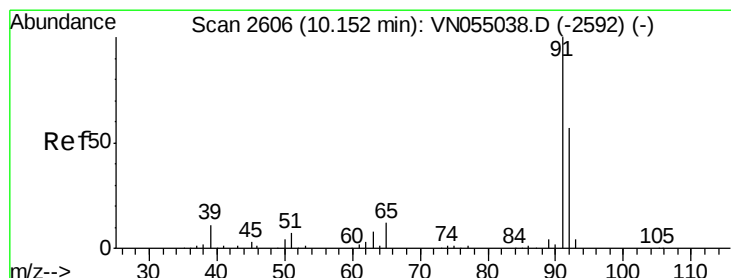
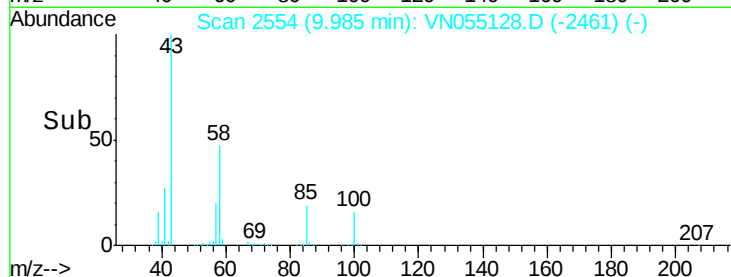
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.179 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055128.D

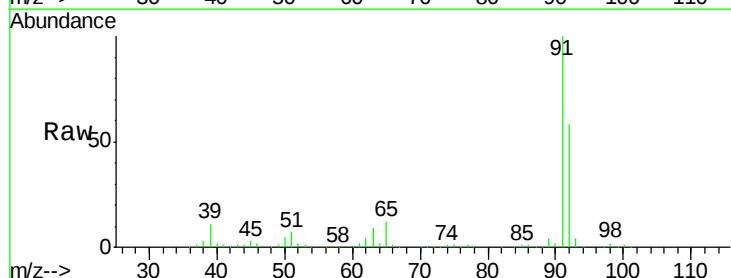
Acq: 18 Apr 2019 18:18

Tgt Ion: 92 Resp: 532303

Ion Ratio Lower Upper

92 100

91 174.1 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VN055038.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN055038.D (-2592) (-)

10.16

500000

400000

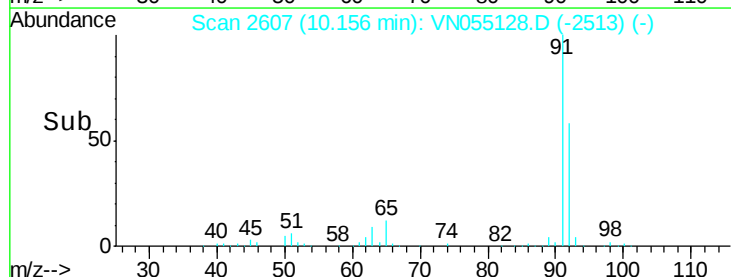
300000

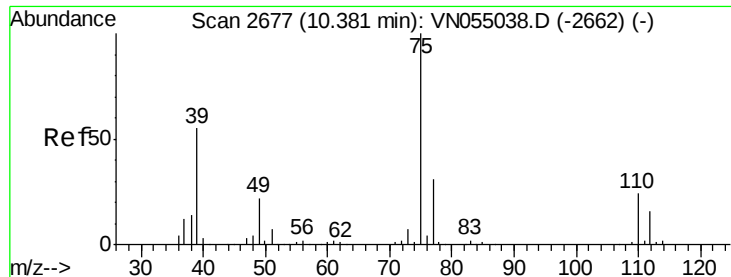
200000

100000

0

Time-->

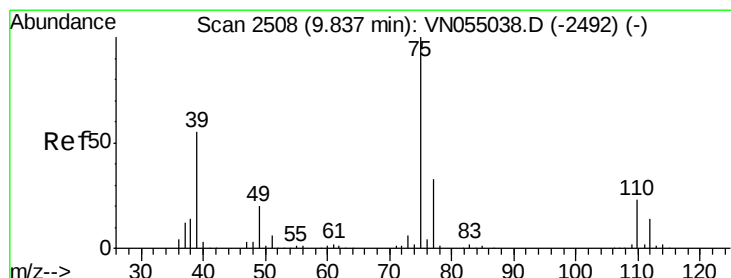
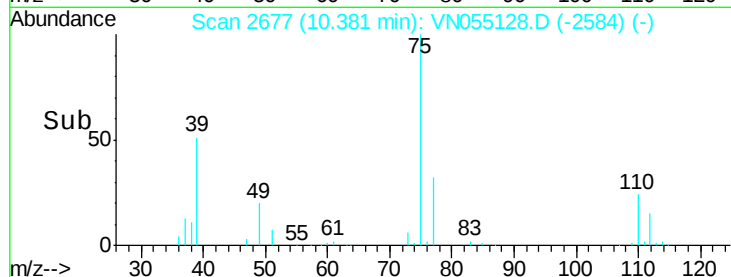
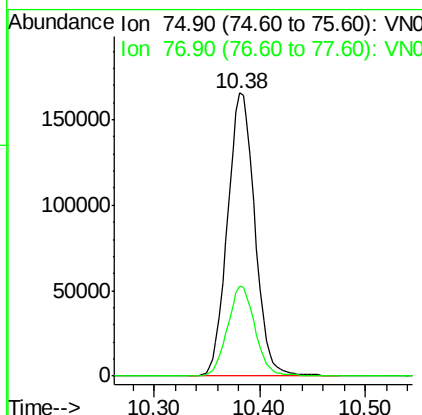
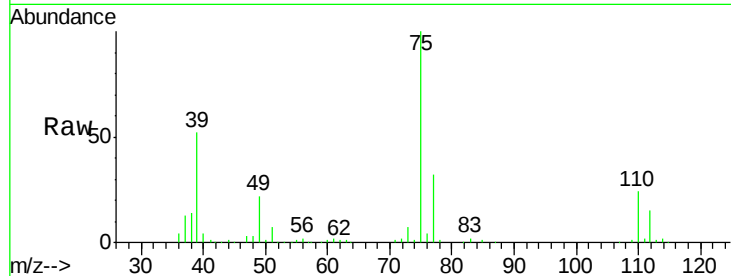




#53
 t-1,3-Dichloropropene
 Concen: 55.045 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

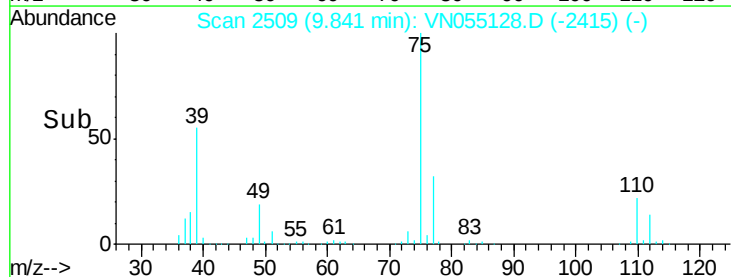
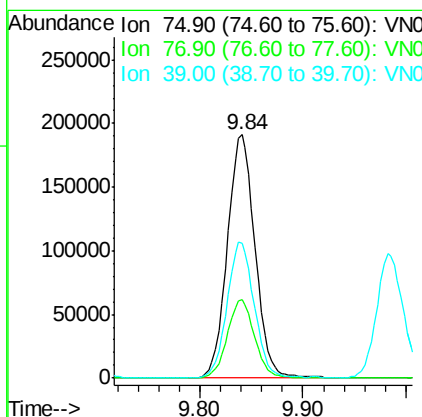
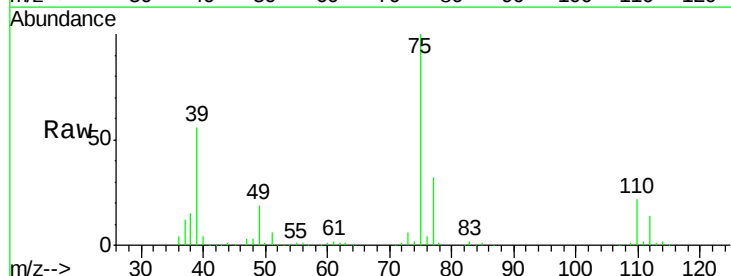
Instrument :
 MSVOA_N
 ClientSampled :

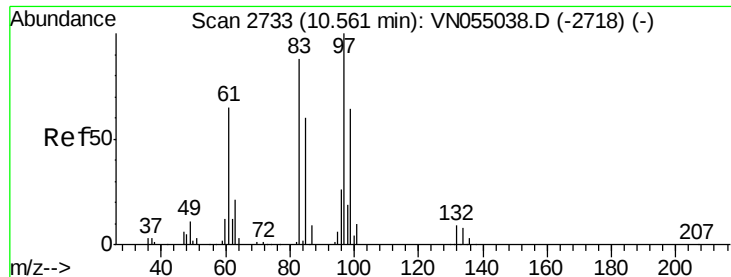
Tot Ion: 75 Resp: 297525
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.269 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion: 75 Resp: 357353
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6
 39 55.6 43.8 65.8





#55

1,1,2-Trichloroethane

Concen: 50.944 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

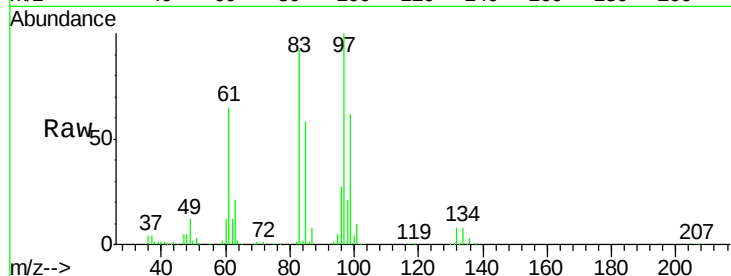
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 212447

Ion	Ratio	Lower	Upper
97	100		
83	91.5	70.5	105.7
85	57.6	45.5	68.3
99	61.8	49.4	74.0

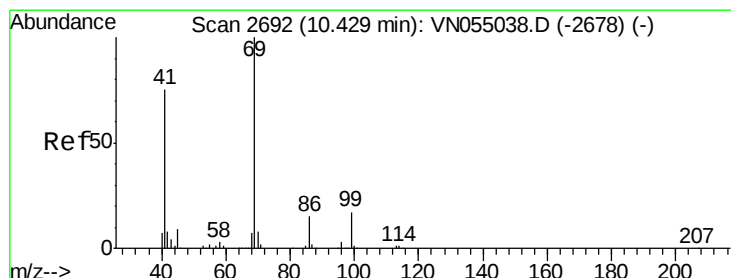
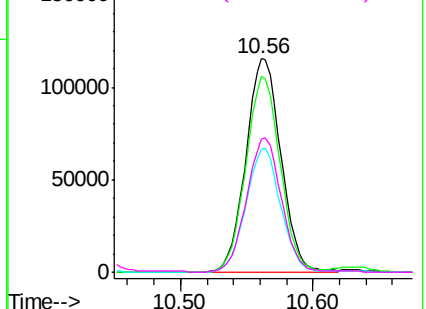
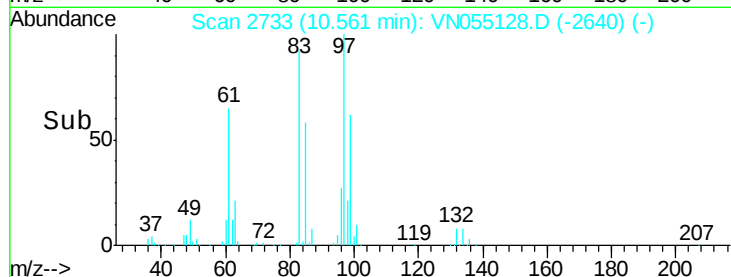


Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56

Ethyl methacrylate

Concen: 58.524 ug/l

RT: 10.43 min Scan# 2692

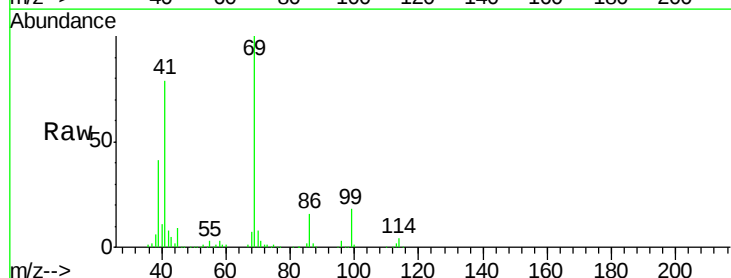
Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Tgt Ion: 69 Resp: 292897

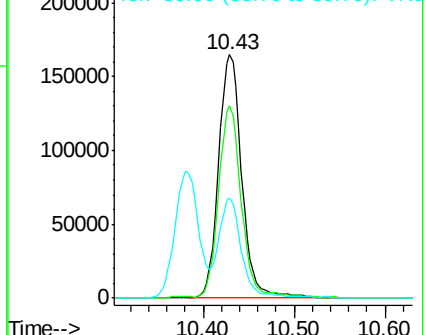
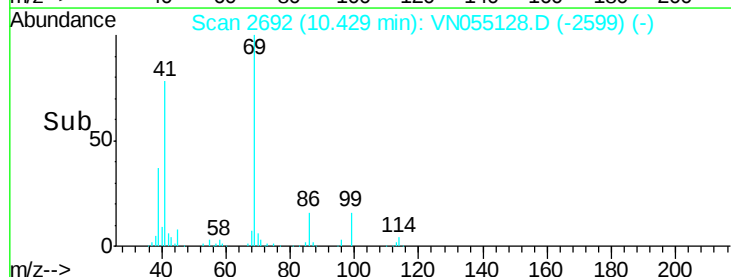
Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.4	92.0
39	39.6	30.8	46.2

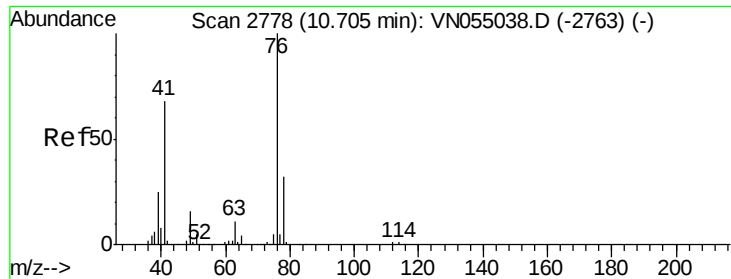


Abundance Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

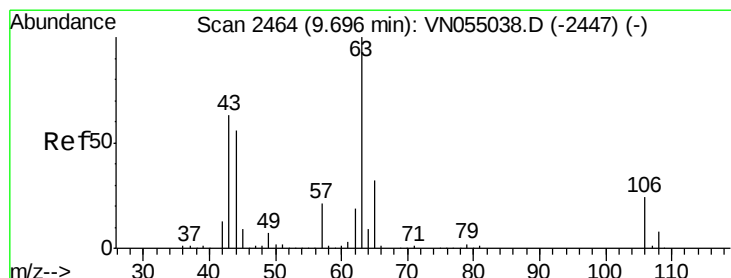
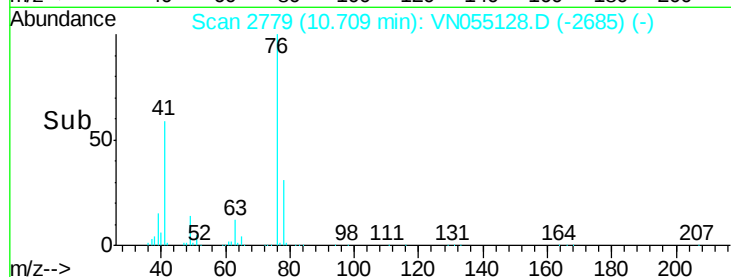
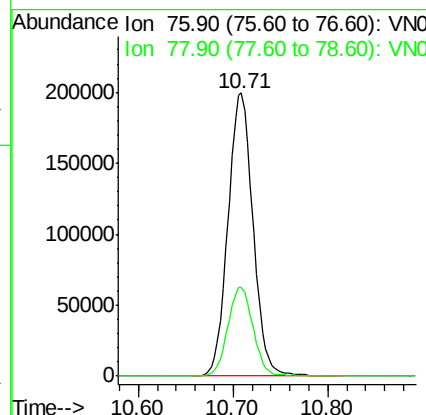
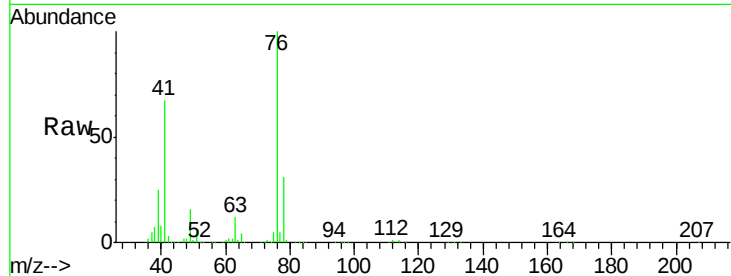




#57
 1,3-Dichloropropane
 Concen: 51.682 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

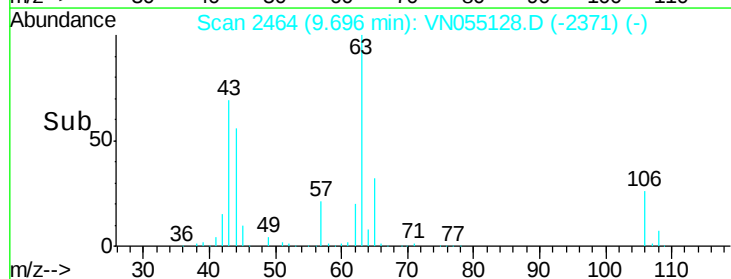
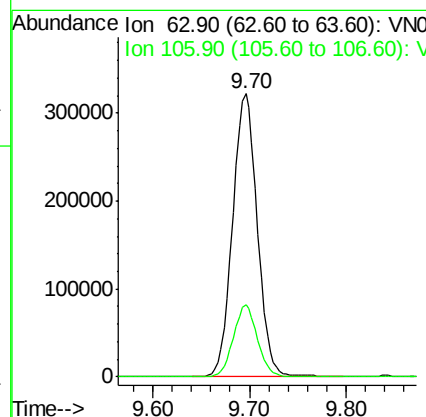
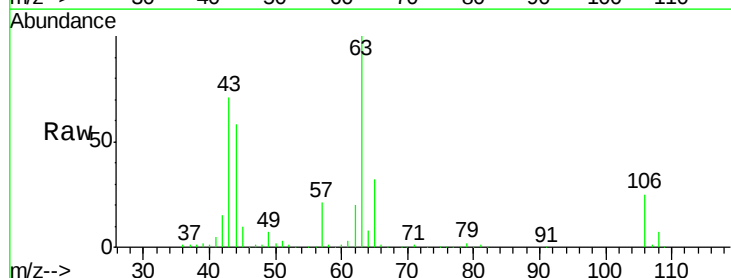
Instrument :
 MSVOA_N
 ClientSampled :

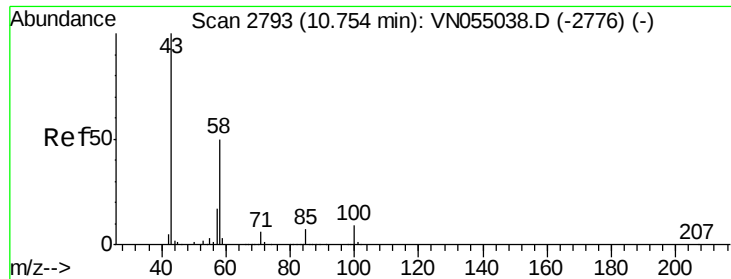
Tot Ion: 76 Resp: 366944
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.843 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion: 63 Resp: 572157
 Ion Ratio Lower Upper
 63 100
 106 24.7 20.0 30.0

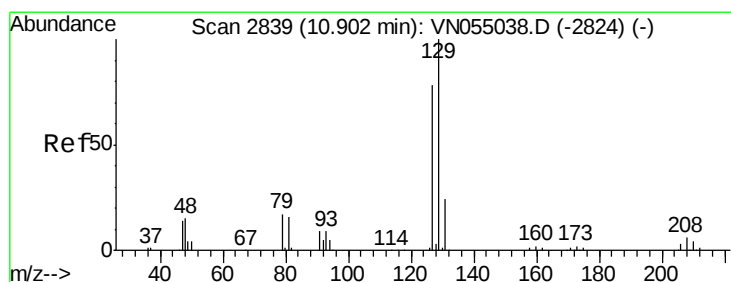
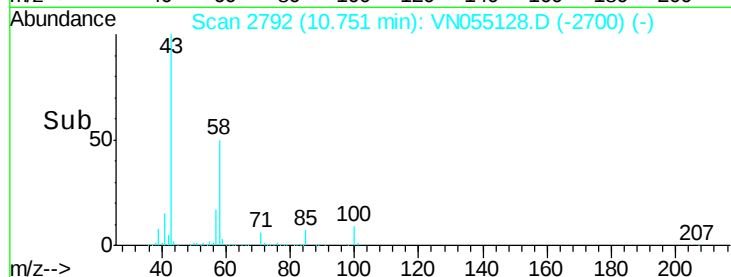
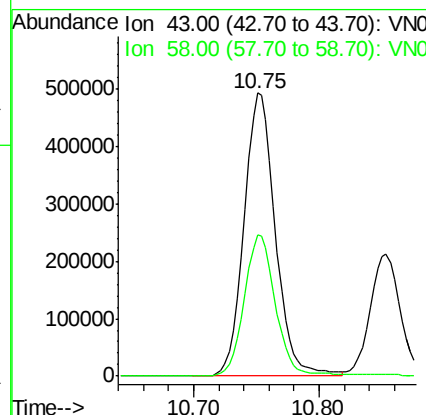
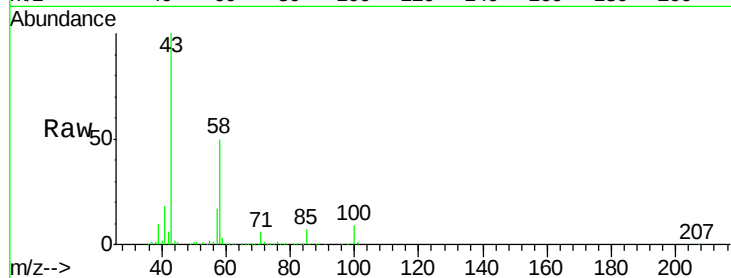




#59
2-Hexanone
Concen: 298.612 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

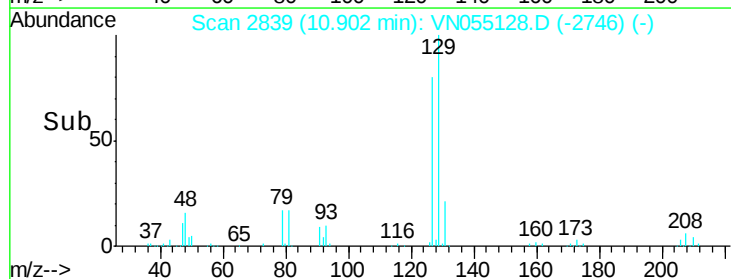
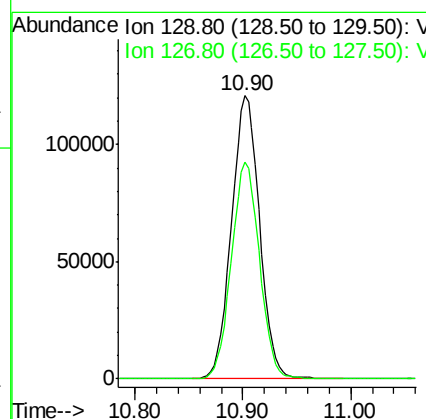
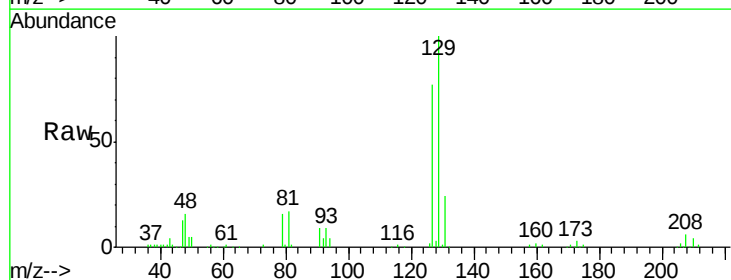
Instrument :
MSVOA_N
ClientSampled :

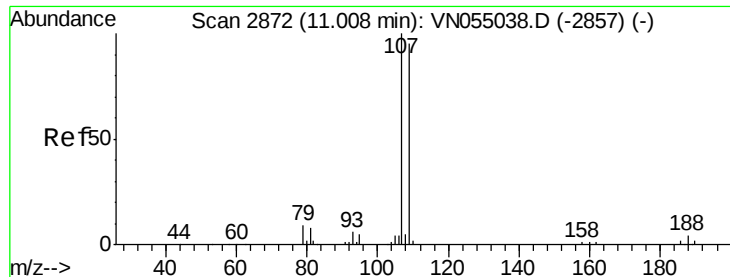
Tot Ion: 43 Resp: 852318
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.2



#60
Dibromochloromethane
Concen: 53.976 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion: 129 Resp: 219796
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6

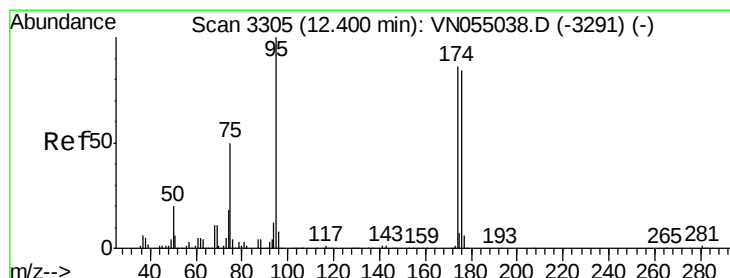
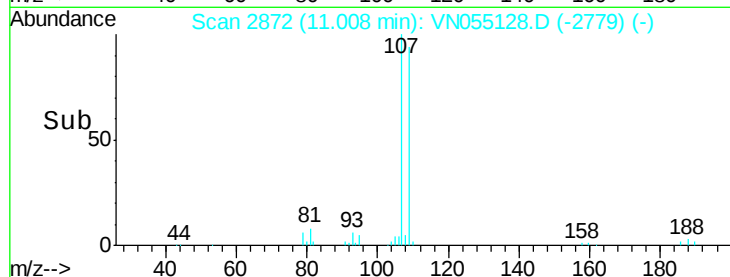
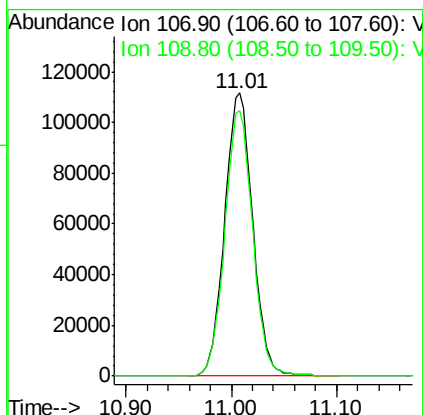
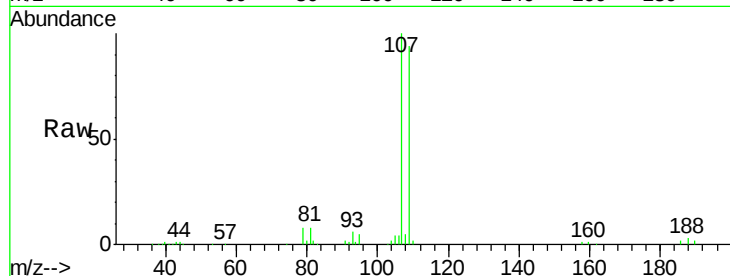




#61
 1,2-Dibromoethane
 Concen: 53.499 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

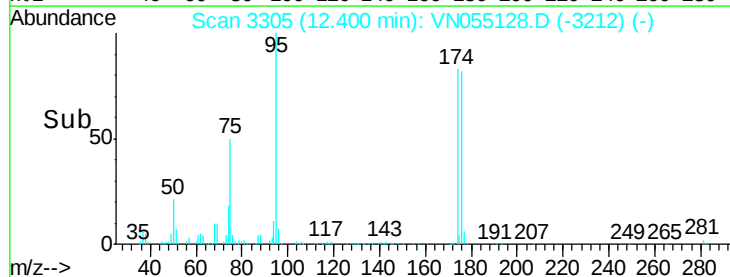
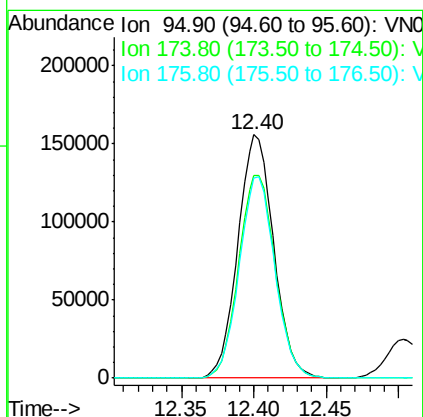
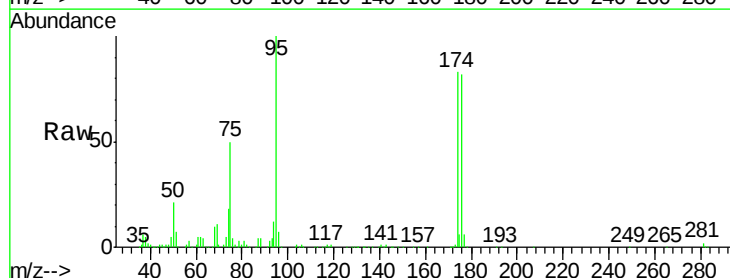
Instrument :
 MSVOA_N
 ClientSampled :

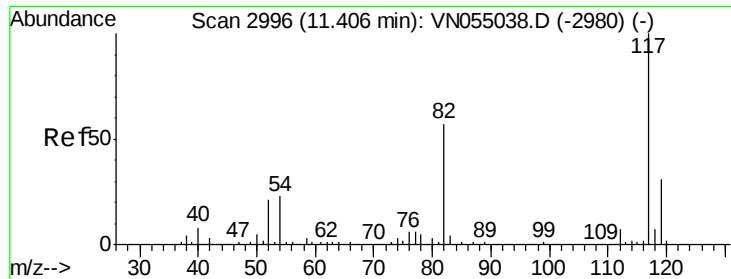
Tot Ion: 107 Resp: 205344
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 51.660 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion: 95 Resp: 267208
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 174.4
 176 82.8 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: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

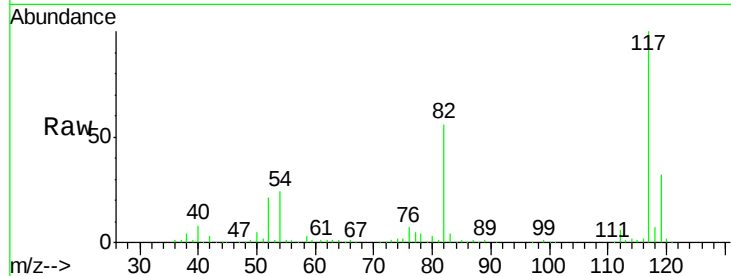
Tot Ion:117 Resp: 579670

Ion Ratio Lower Upper

117 100

82 55.7 44.6 66.8

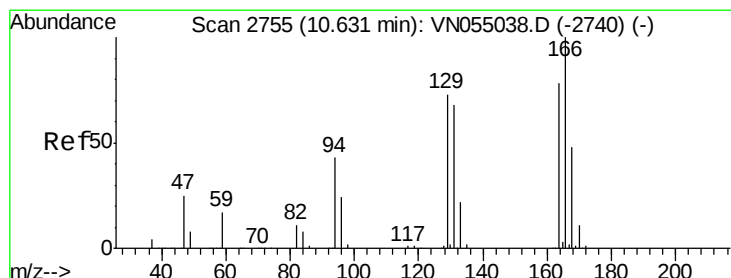
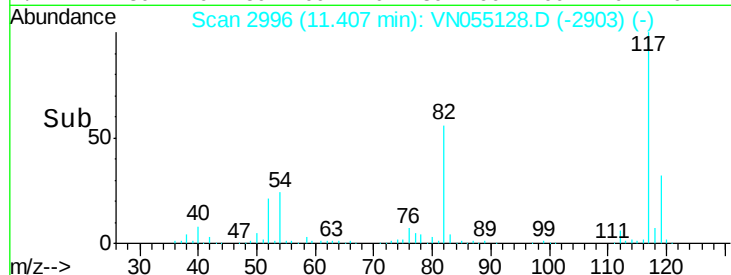
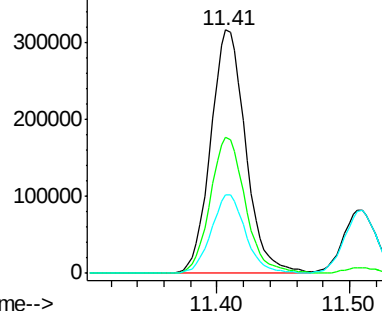
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 44.341 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Tgt Ion:164 Resp: 209007

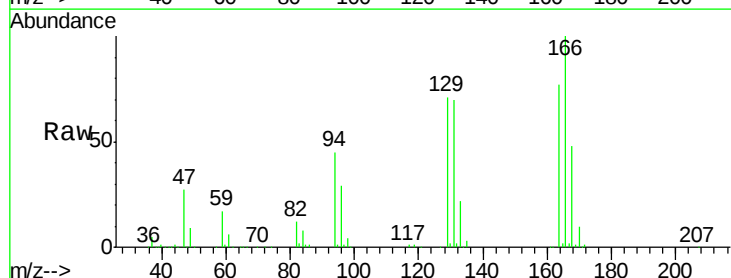
Ion Ratio Lower Upper

164 100

166 129.3 100.0 150.0

129 92.5 72.0 108.0

131 90.5 69.7 104.5

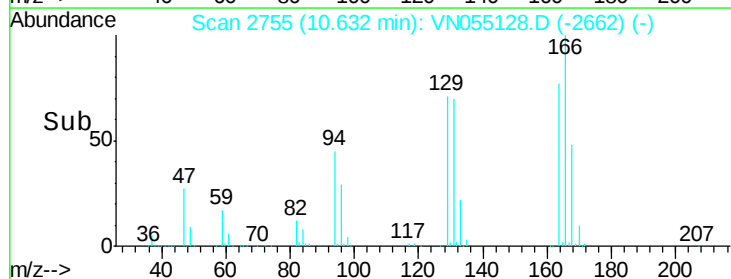
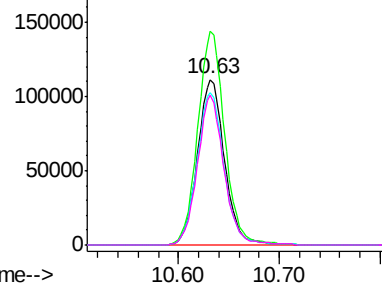


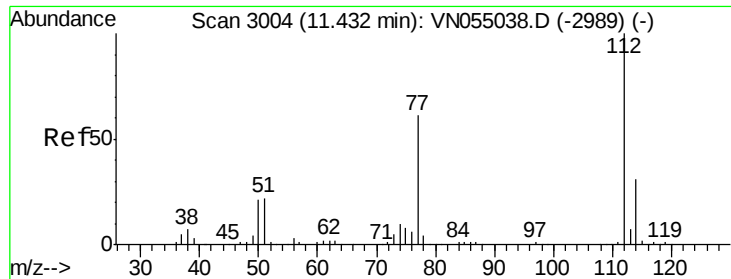
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

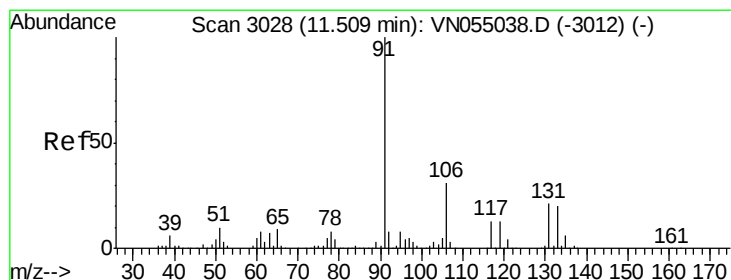
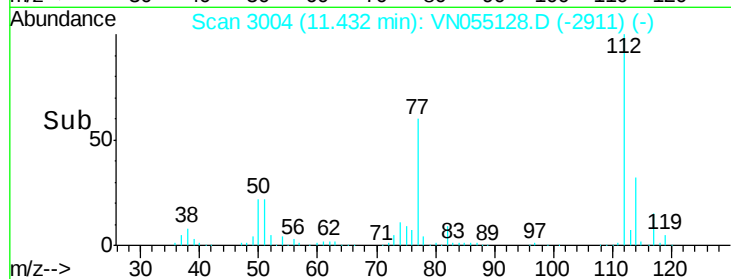
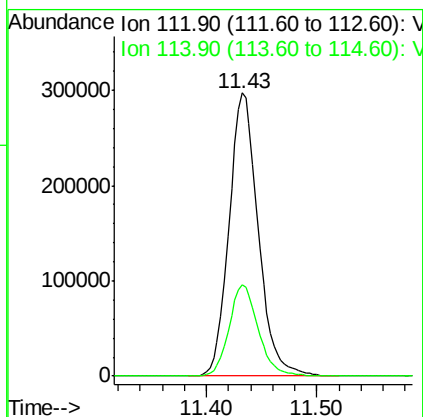
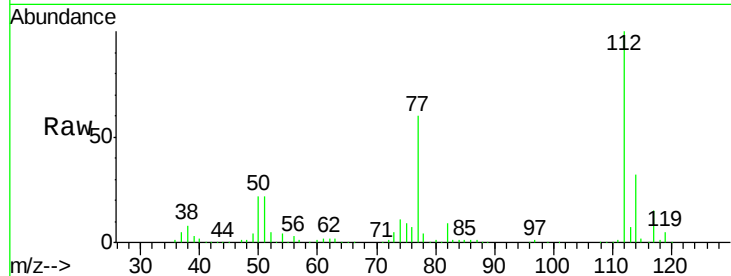




#65
Chlorobenzene
Concen: 46.684 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

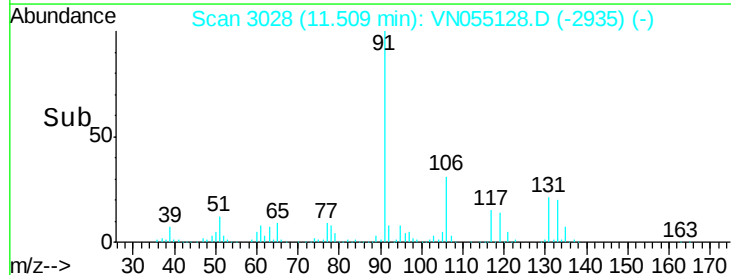
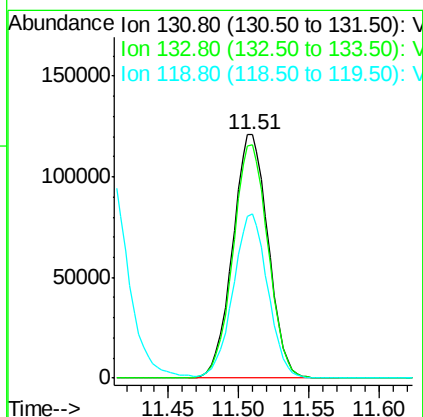
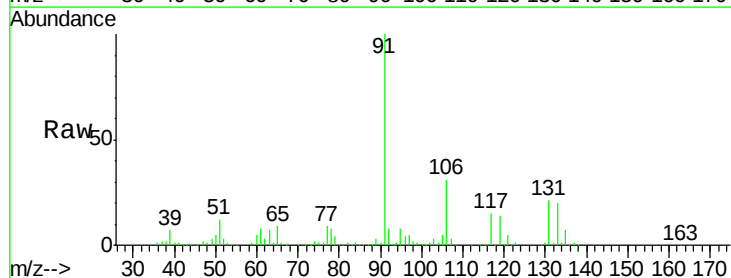
Instrument :
MSVOA_N
ClientSampled :

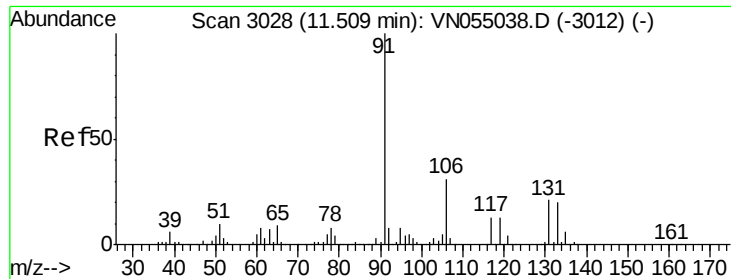
Tot Ion:112 Resp: 544723
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.645 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion:131 Resp: 213054
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 65.9 33.6 100.6

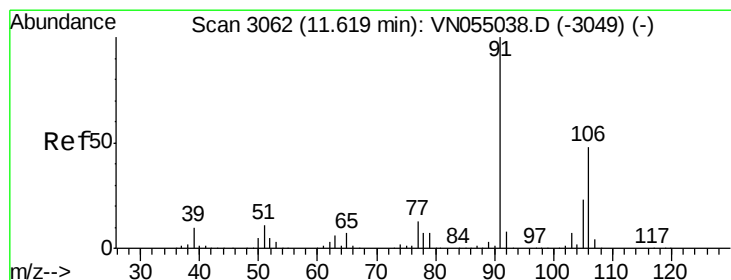
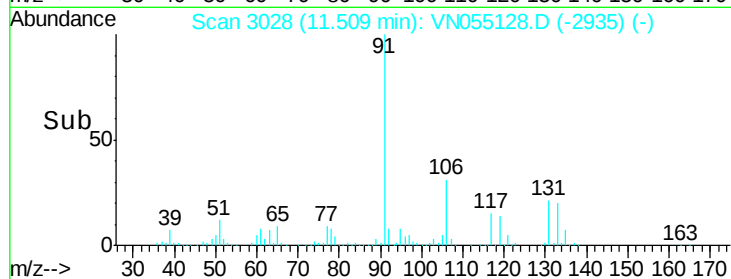
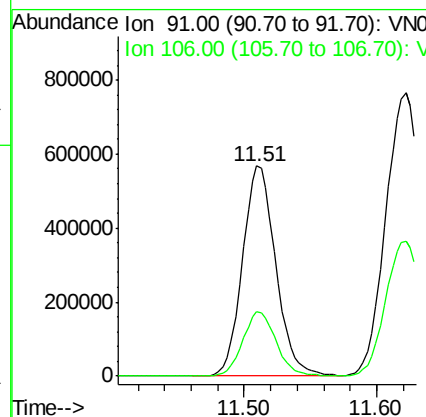
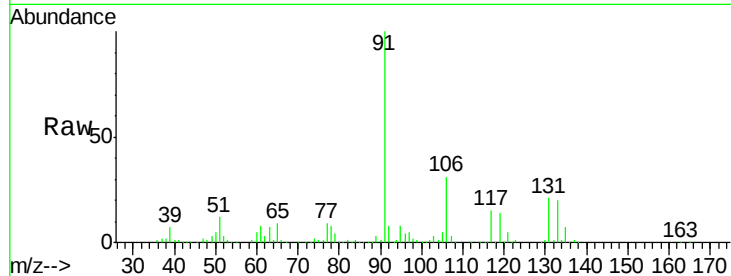




#67
Ethyl Benzene
Concen: 47.656 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

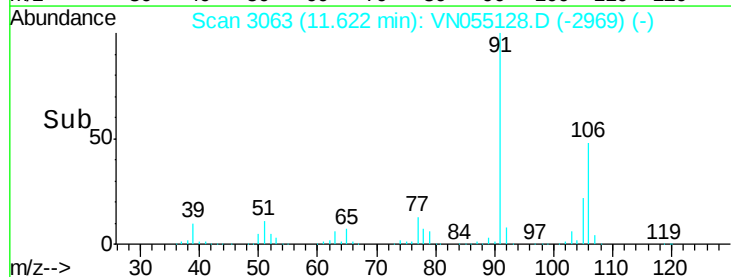
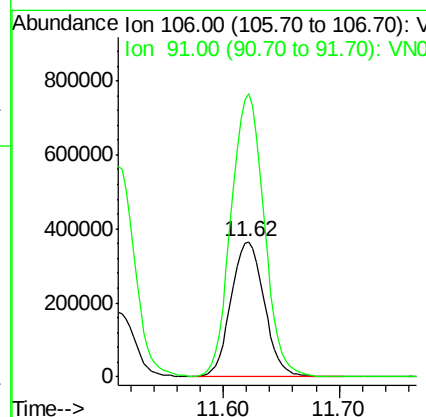
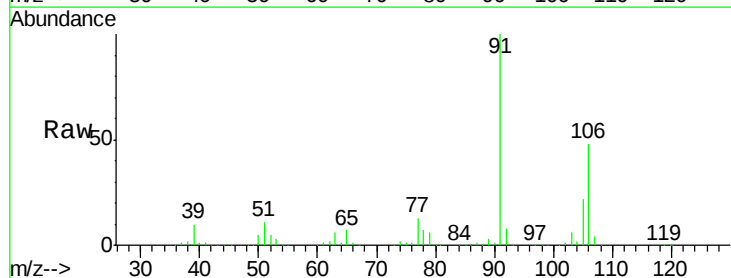
Instrument :
MSVOA_N
ClientSampled :

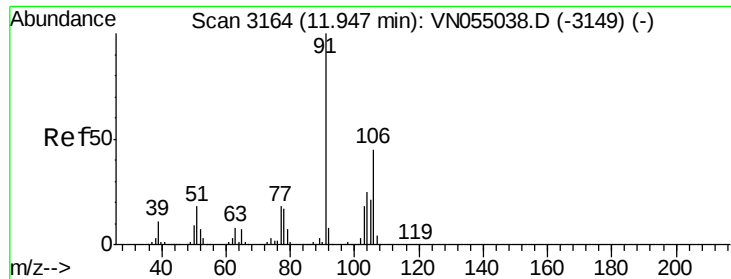
Tot Ion: 91 Resp: 993019
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 95.777 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion: 106 Resp: 722685
Ion Ratio Lower Upper
106 100
91 208.5 165.9 248.9

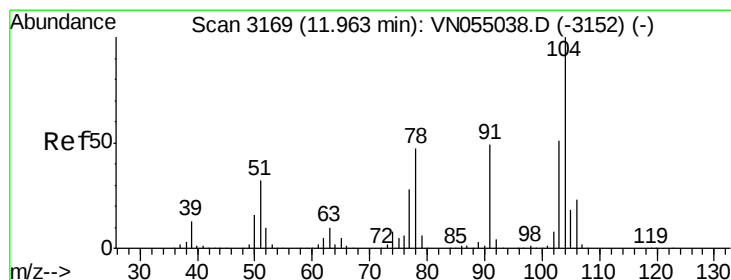
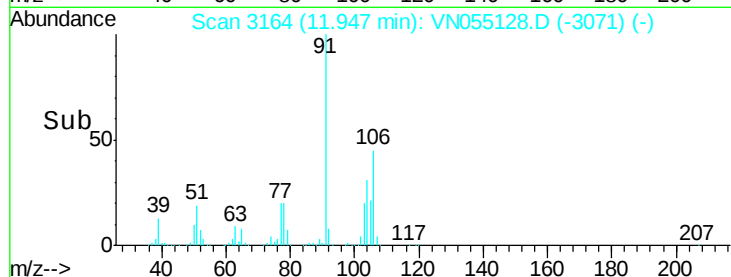
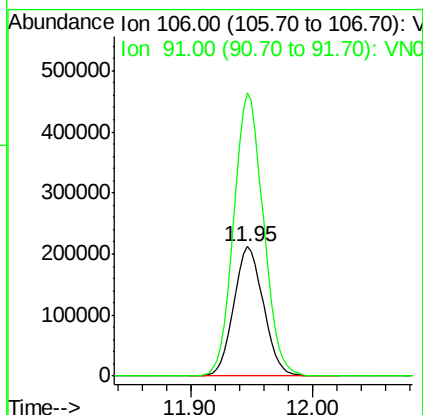
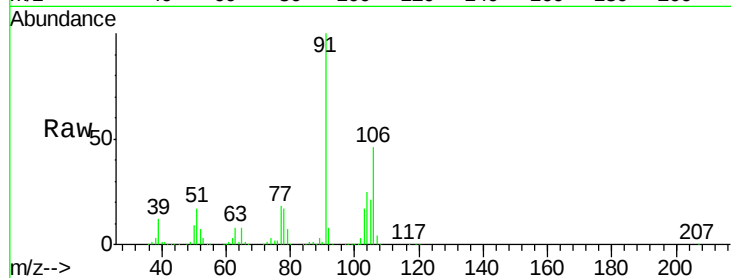




#69
o-Xylene
Concen: 49.123 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

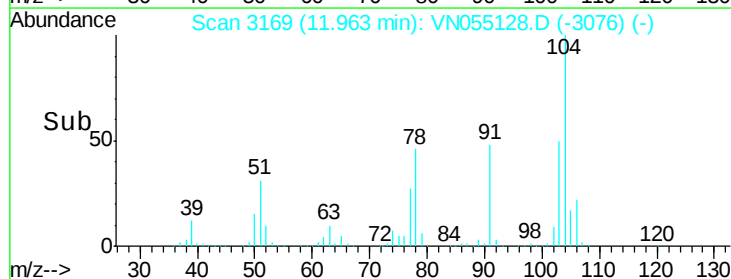
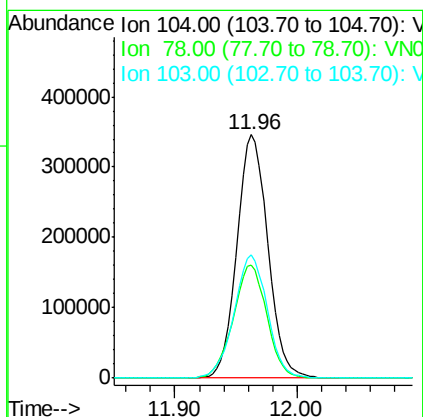
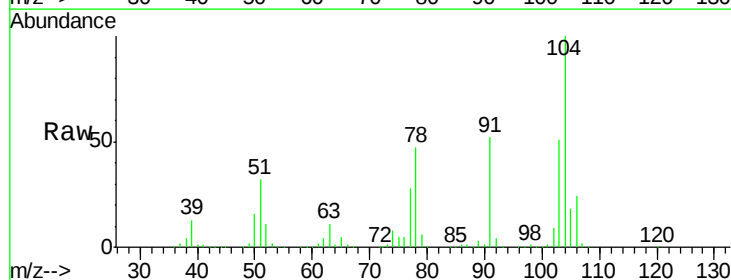
Instrument :
MSVOA_N
ClientSampled :

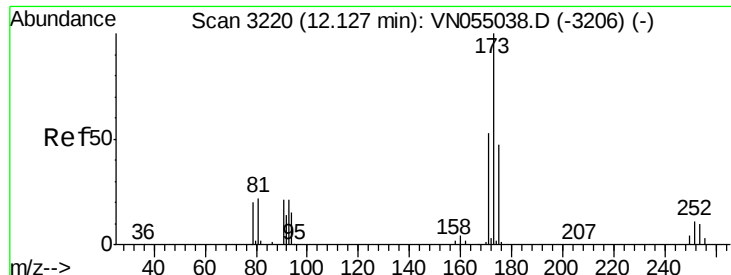
Tot Ion:106 Resp: 359001
Ion Ratio Lower Upper
106 100
91 218.0 109.9 329.8



#70
Styrene
Concen: 51.233 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion:104 Resp: 606077
Ion Ratio Lower Upper
104 100
78 50.8 40.3 60.5
103 54.5 44.3 66.5

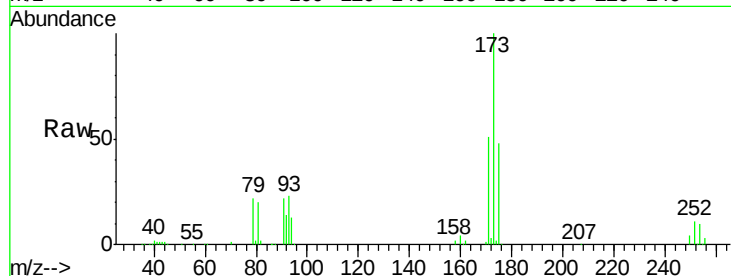




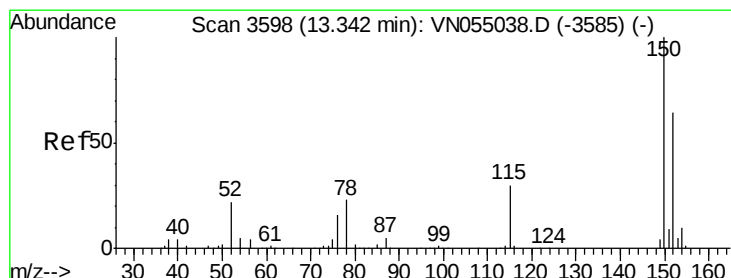
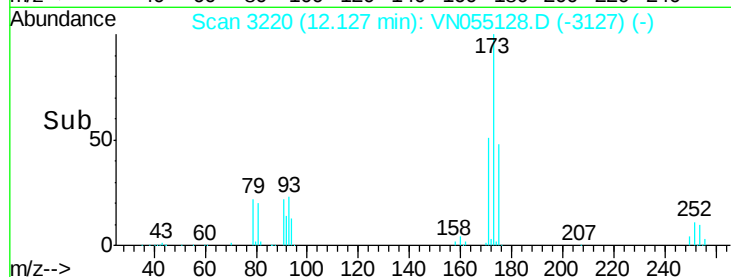
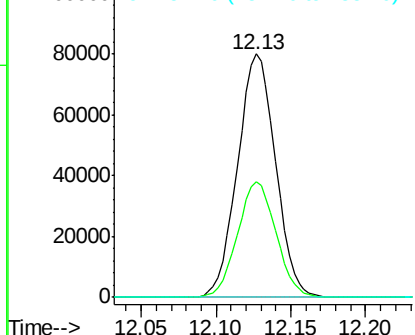
#71
Bromoform
Concen: 57.448 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 141312
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.1 0.1 0.1#

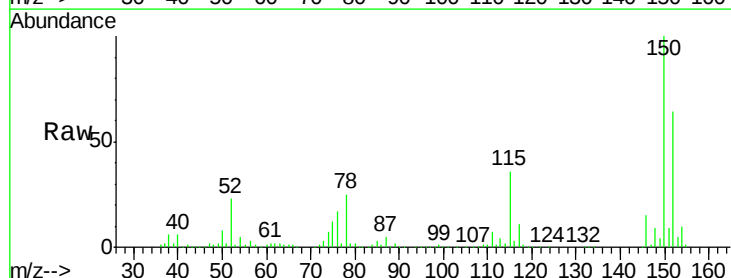


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

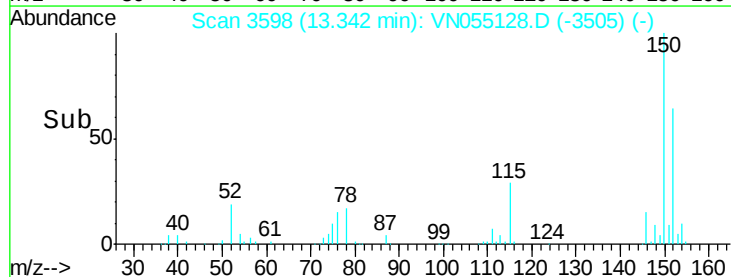
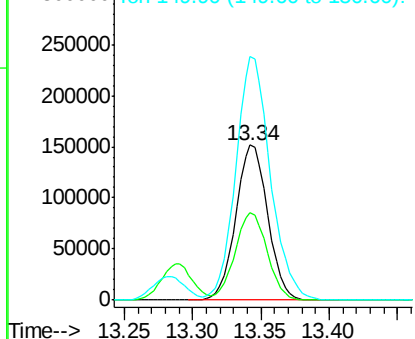


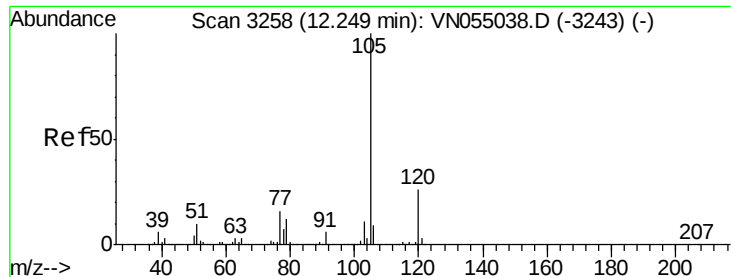
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion:152 Resp: 245657
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.6
150 170.4 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: 43.475 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

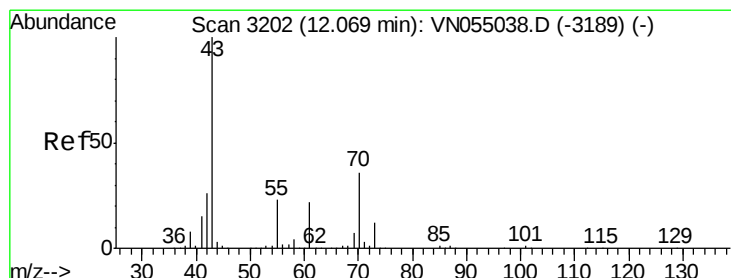
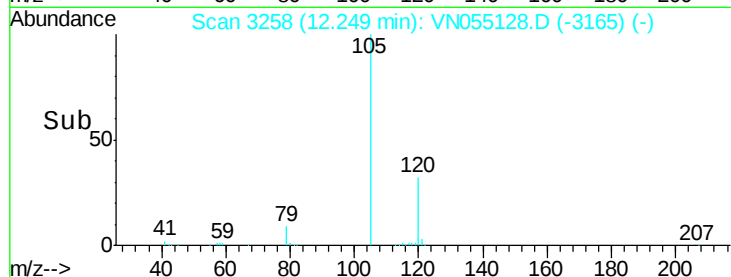
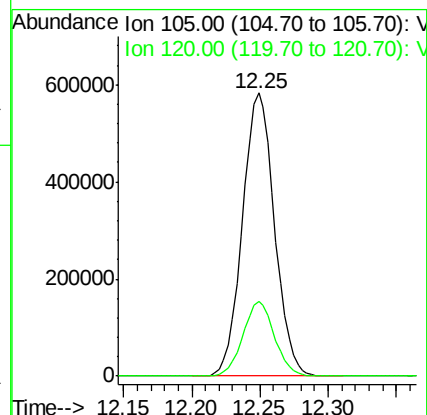
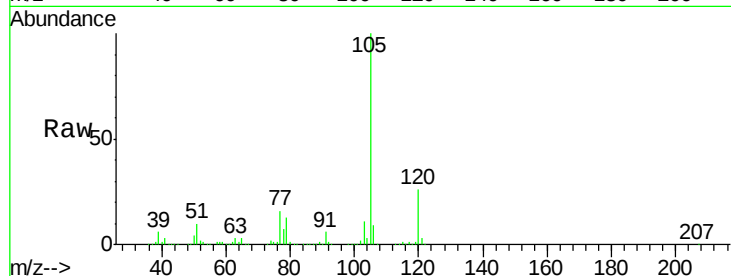
ClientSampleId :

Tot Ion:105 Resp: 947704

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.9



#74

N-ethyl acetate

Concen: 56.400 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Tgt Ion: 43 Resp: 346092

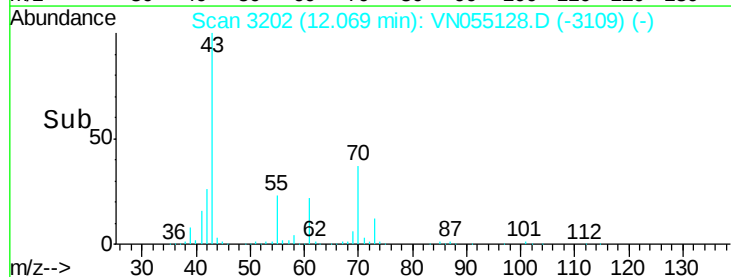
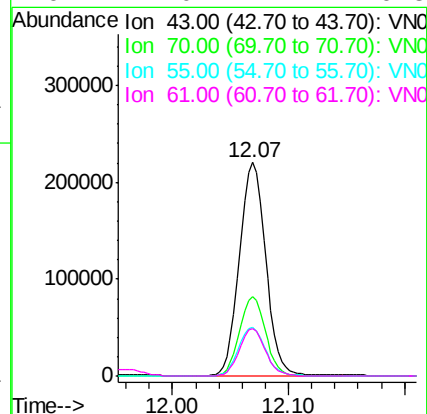
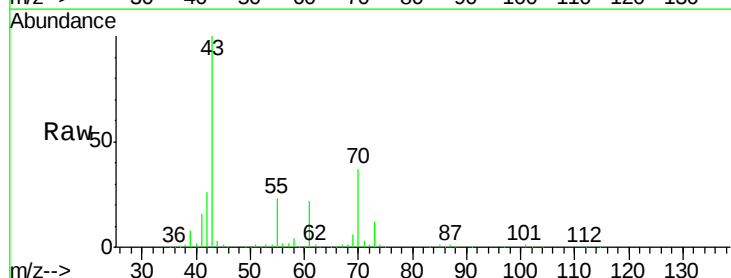
Ion Ratio Lower Upper

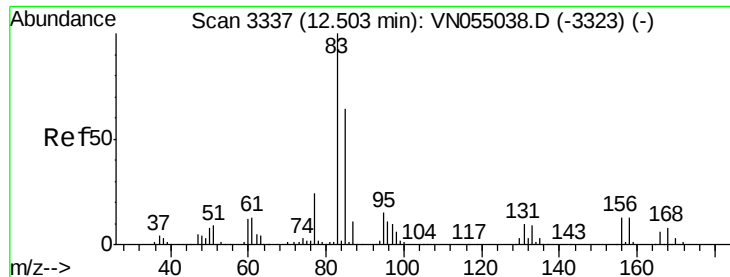
43 100

70 37.1 29.4 44.0

55 23.5 19.0 28.4

61 22.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.216 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampled :

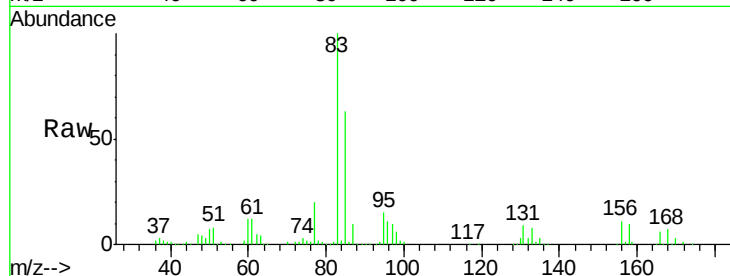
Tot Ion: 83 Resp: 275409

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

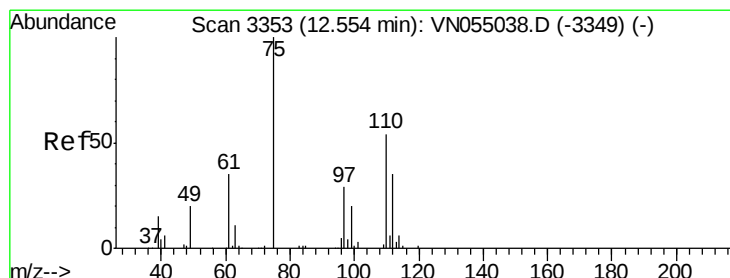
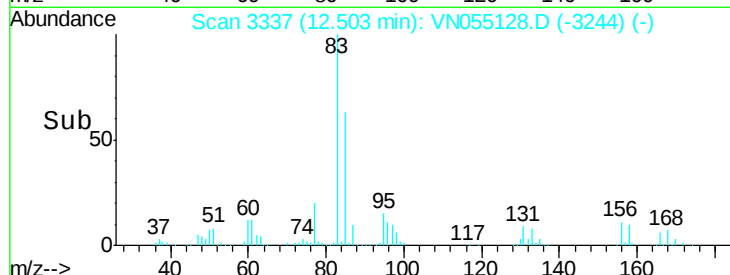
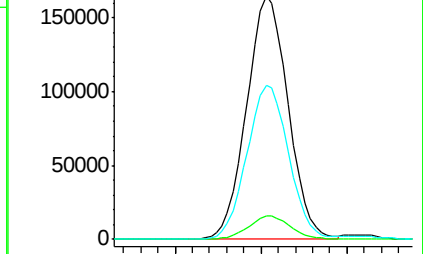
85 64.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN055128.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN055128.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN055128.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 72.364 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055128.D

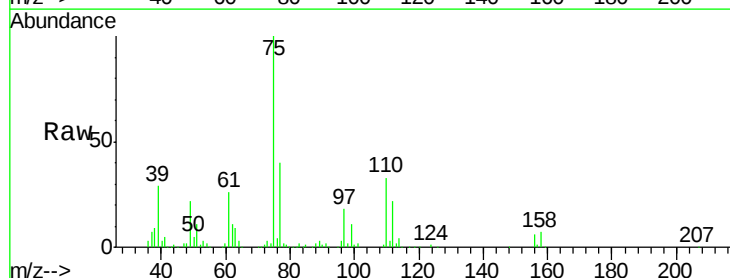
Acq: 18 Apr 2019 18:18

Tgt Ion: 75 Resp: 319670

Ion Ratio Lower Upper

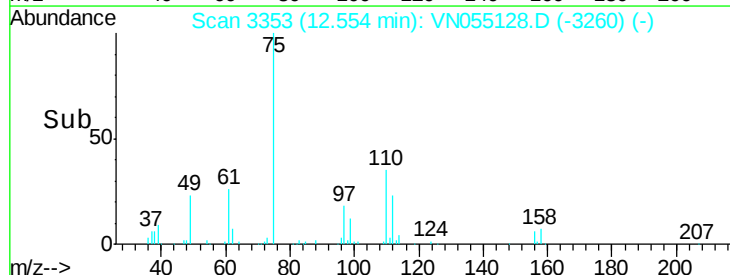
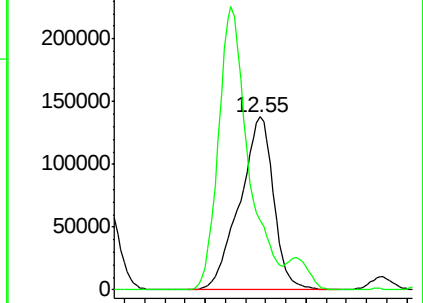
75 100

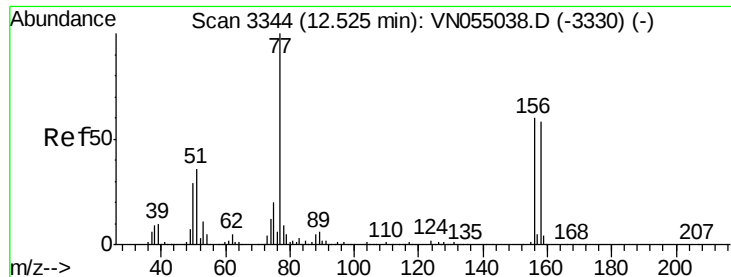
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055128.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN055128.D (-3353) (-)





#77

Bromobenzene

Concen: 43.555 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

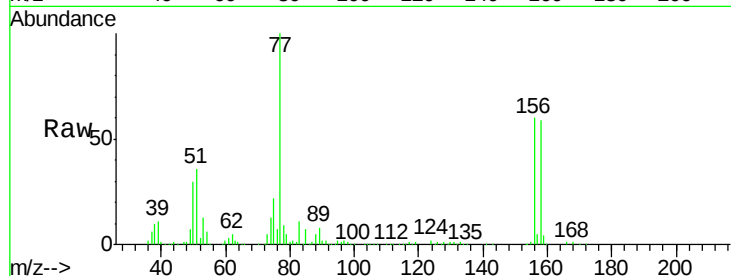
Tot Ion:156 Resp: 236701

Ion Ratio Lower Upper

156 100

77 198.3 97.2 291.5

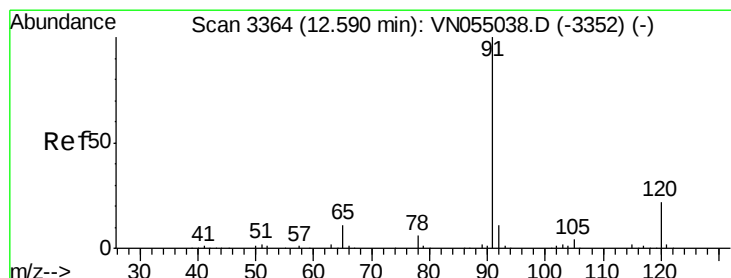
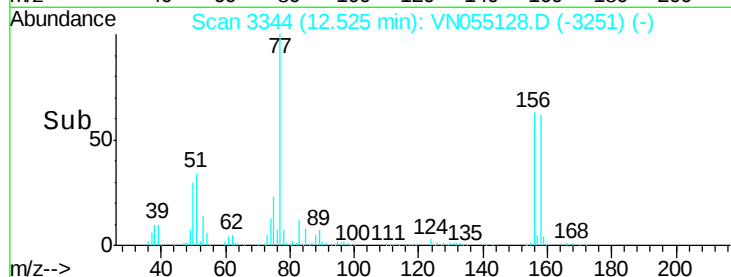
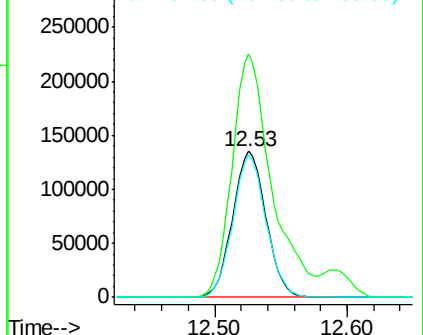
158 96.4 48.6 145.9



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: 44.115 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055128.D

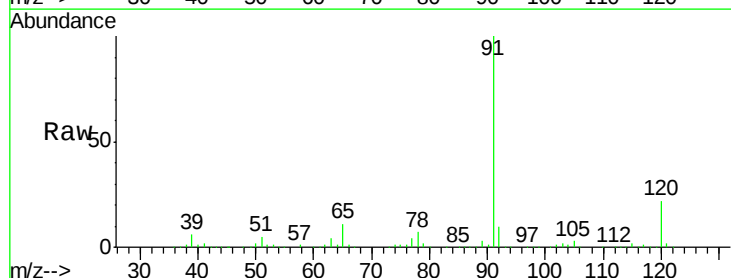
Acq: 18 Apr 2019 18:18

Tgt Ion: 91 Resp: 1038993

Ion Ratio Lower Upper

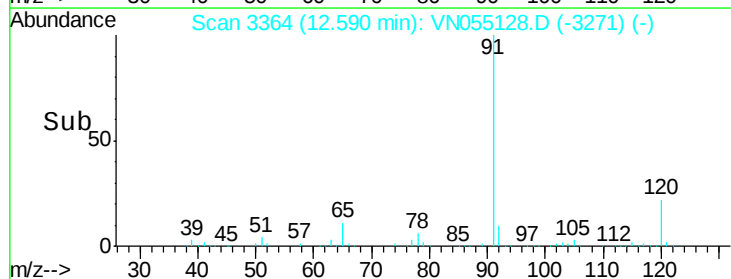
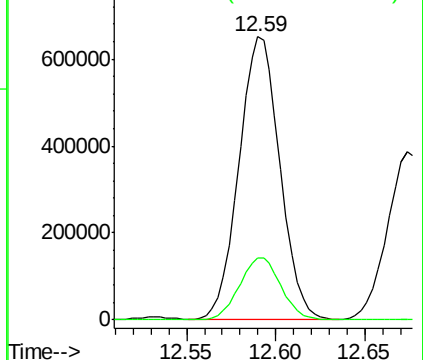
91 100

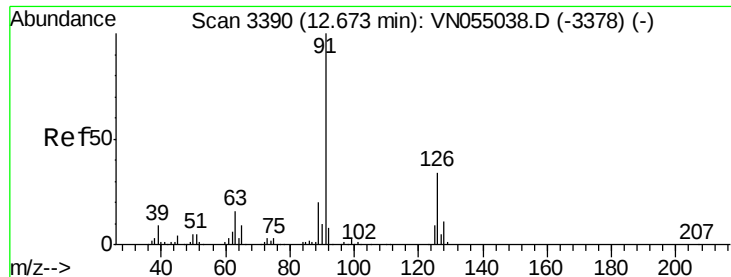
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

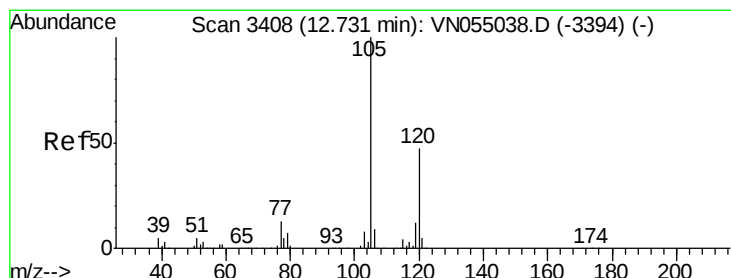
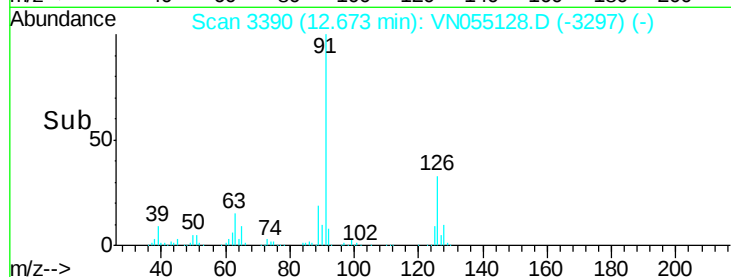
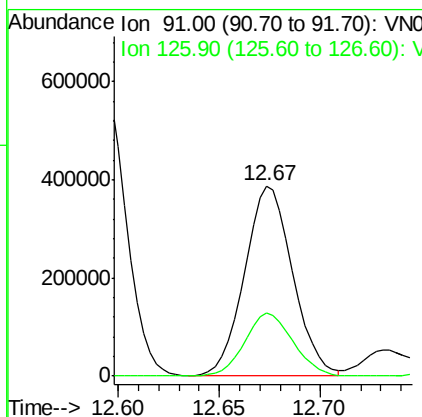
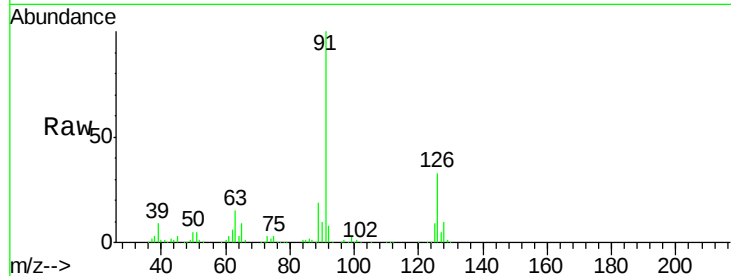




#79
 2-Chlorotoluene
 Concen: 43.778 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

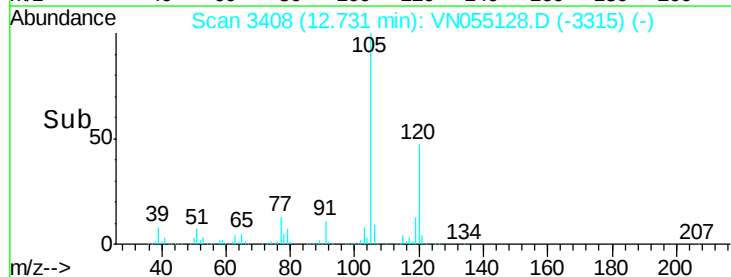
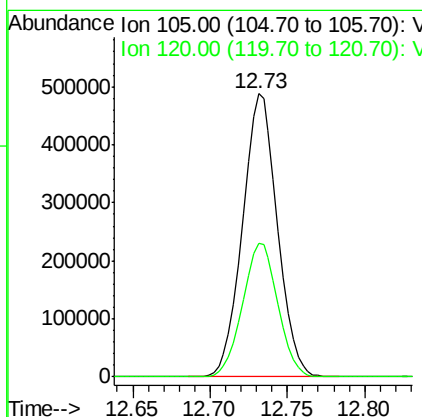
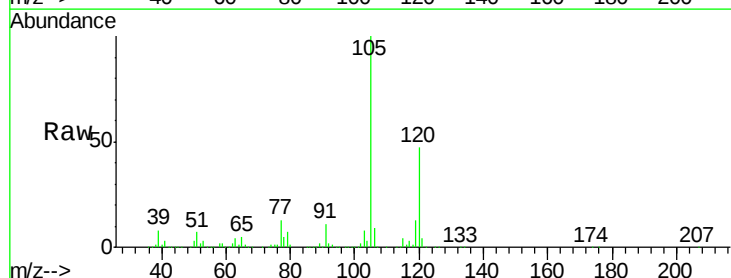
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 643110
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 43.340 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion: 105 Resp: 762411
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 58.452 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

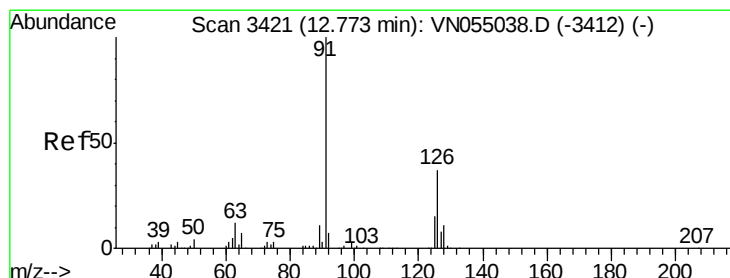
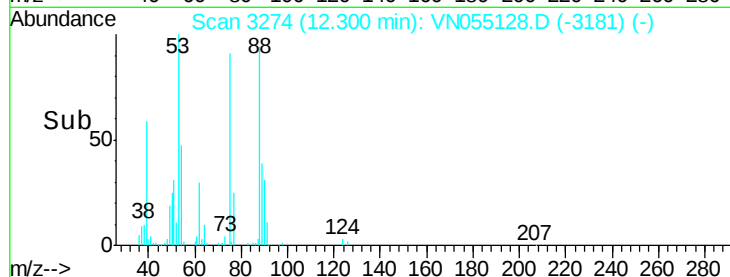
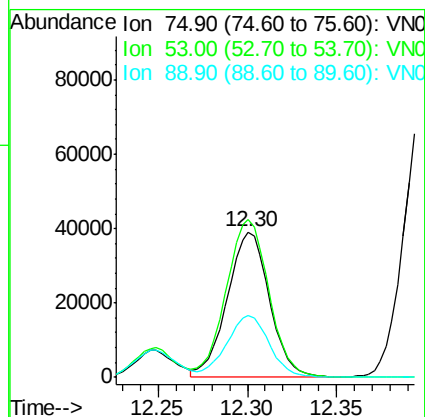
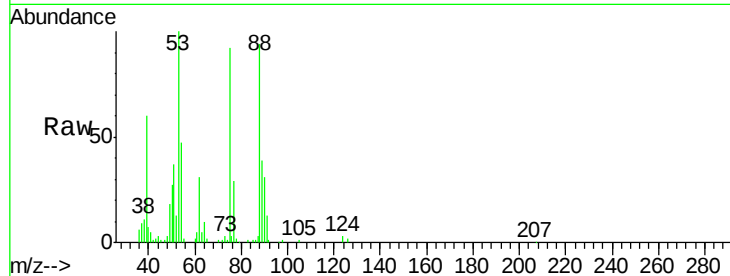
Tot Ion: 75 Resp: 64572

Ion Ratio Lower Upper

75 100

53 110.3 96.3 144.5

89 43.0 38.6 57.8



#82

4-Chlorotoluene

Concen: 45.214 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055128.D

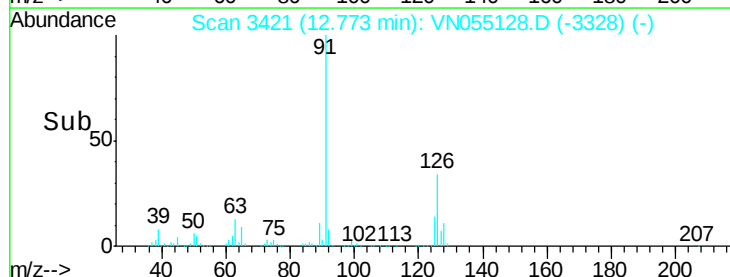
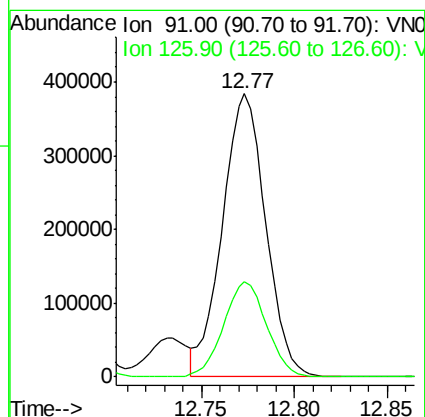
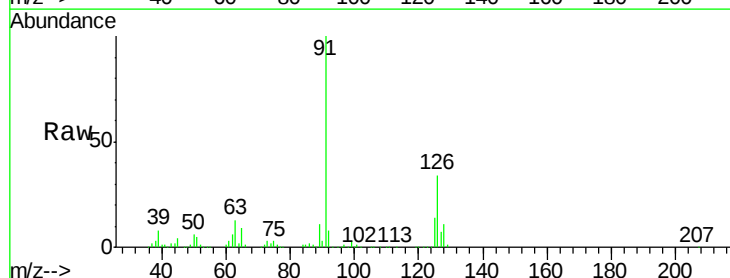
Acq: 18 Apr 2019 18:18

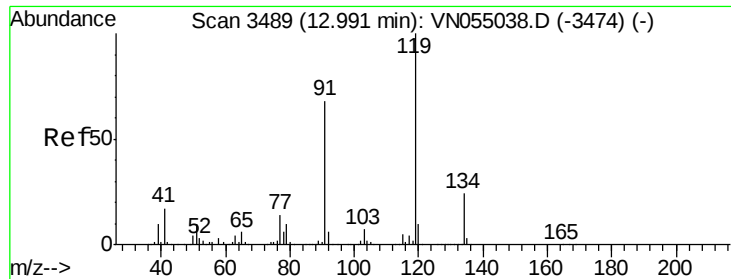
Tgt Ion: 91 Resp: 619684

Ion Ratio Lower Upper

91 100

126 33.6 16.4 49.2

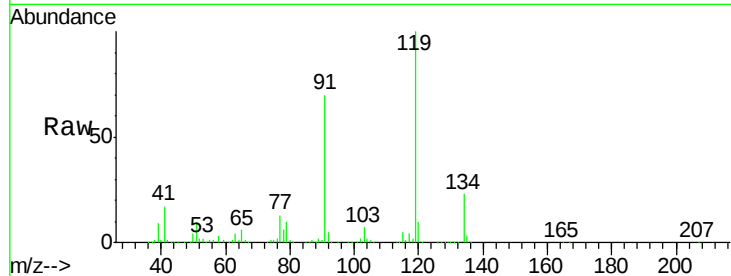




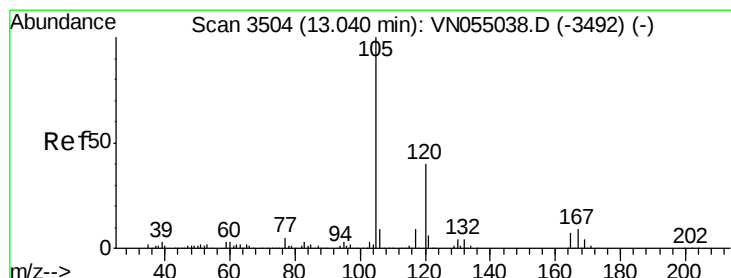
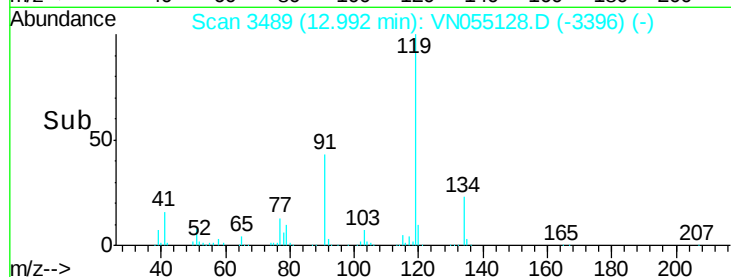
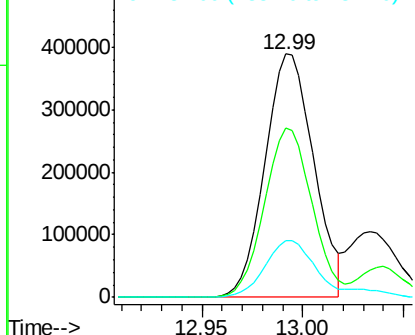
#83
tert-Butylbenzene
Concen: 44.013 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 653884
Ion Ratio Lower Upper
119 100
91 67.8 33.3 99.8
134 26.1 12.3 36.9

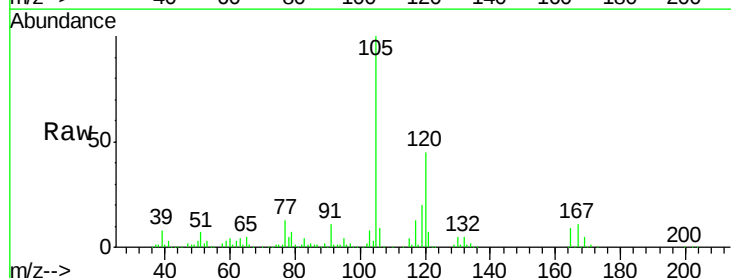


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

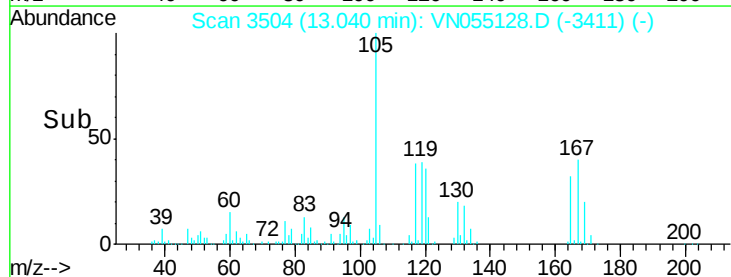
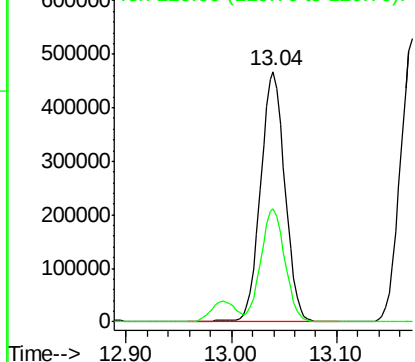


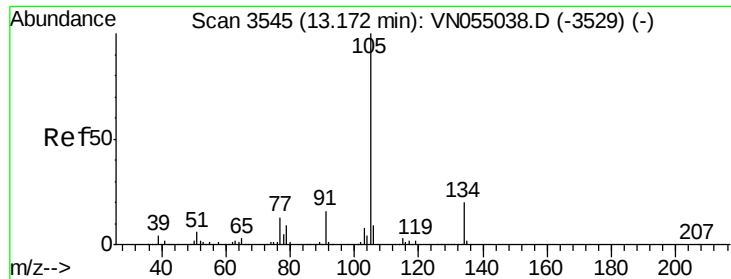
#84
1,2,4-Trimethylbenzene
Concen: 45.167 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055128.D
Acq: 18 Apr 2019 18:18

Tgt Ion:105 Resp: 752999
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3



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

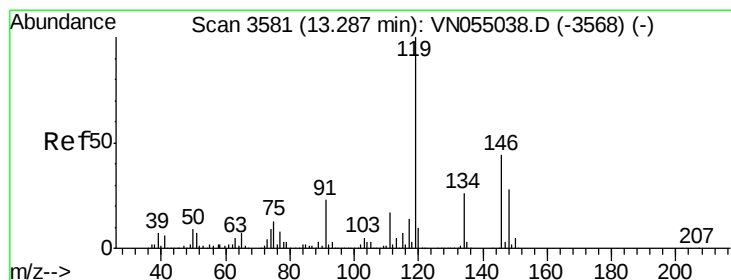
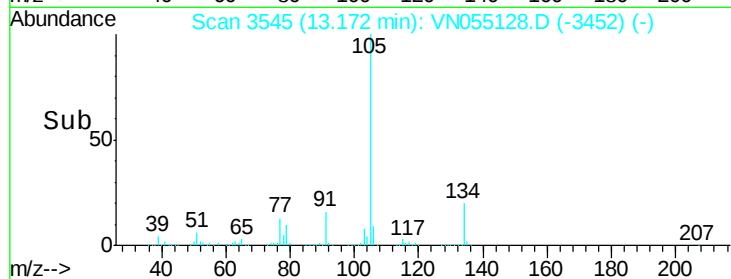
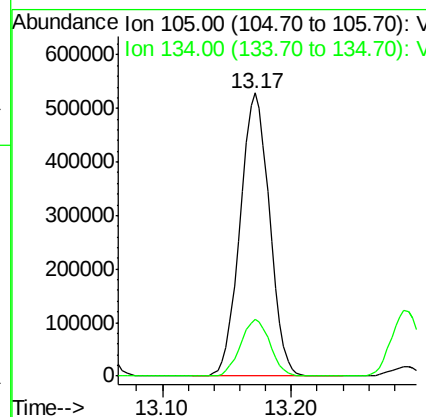
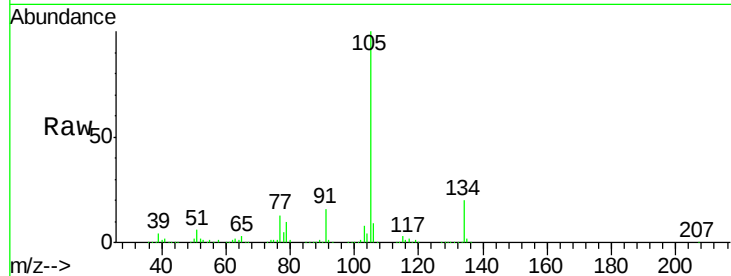




#85
 sec-Butylbenzene
 Concen: 44.134 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

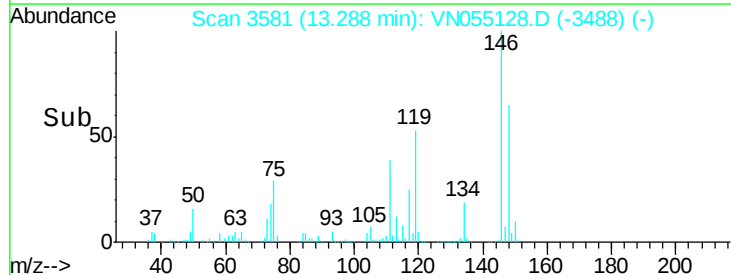
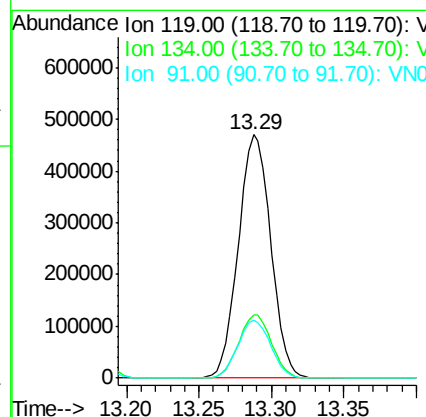
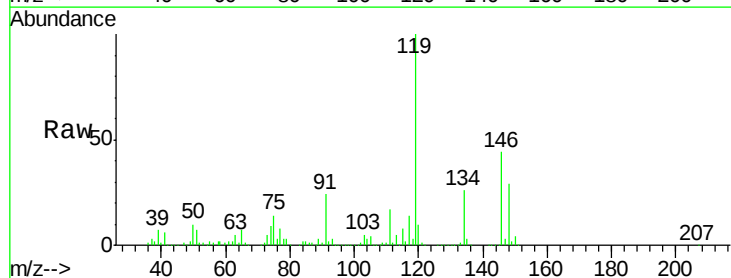
Instrument :
 MSVOA_N
 ClientSampled :

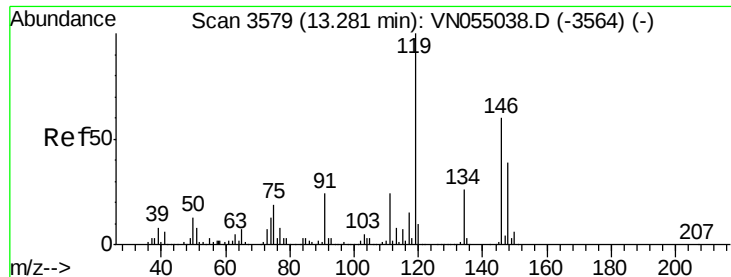
Tot Ion:105 Resp: 835490
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 44.882 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion:119 Resp: 728938
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 24.0 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 46.039 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

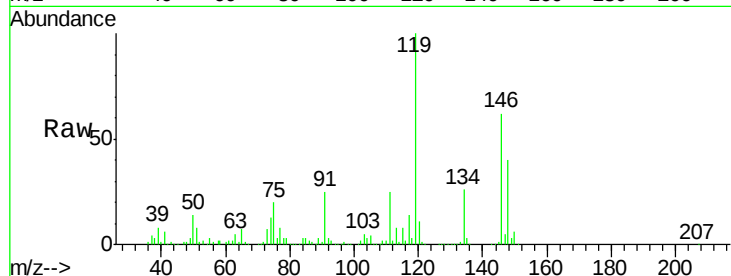
Tot Ion:146 Resp: 380303

Ion Ratio Lower Upper

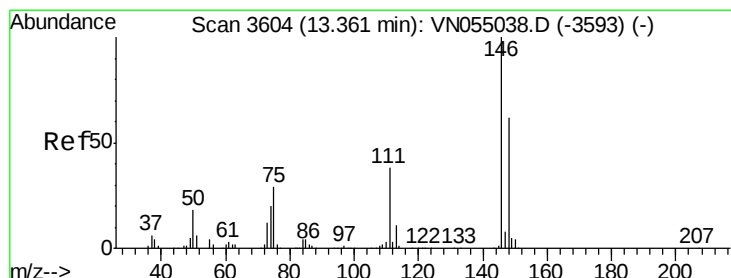
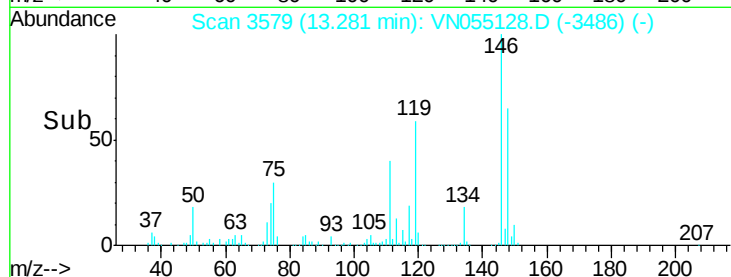
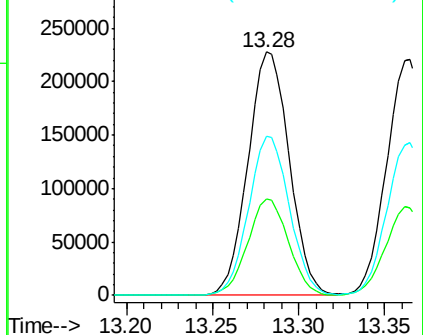
146 100

111 39.2 19.5 58.5

148 64.7 31.6 94.7



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



#88

1,4-Dichlorobenzene

Concen: 46.865 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

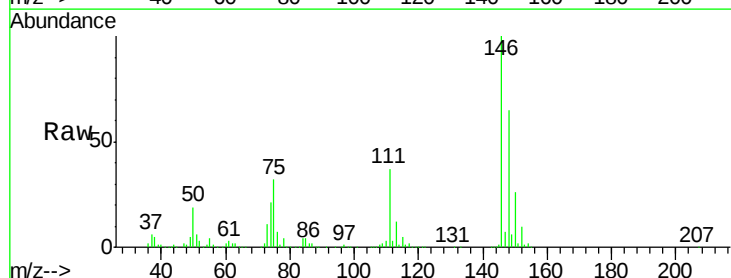
Tgt Ion:146 Resp: 369164

Ion Ratio Lower Upper

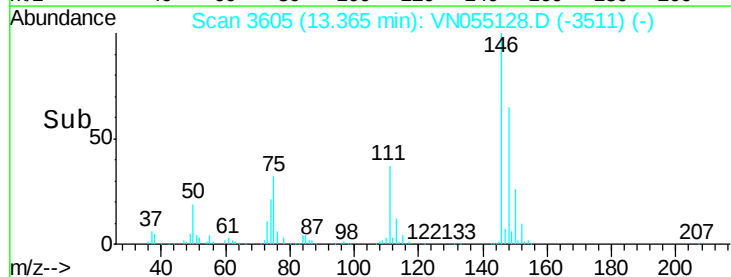
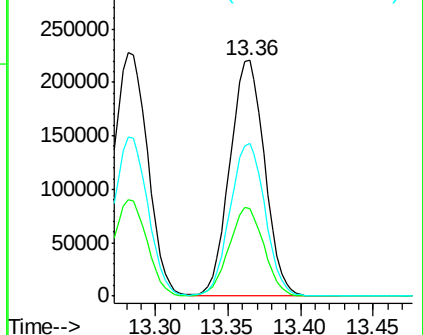
146 100

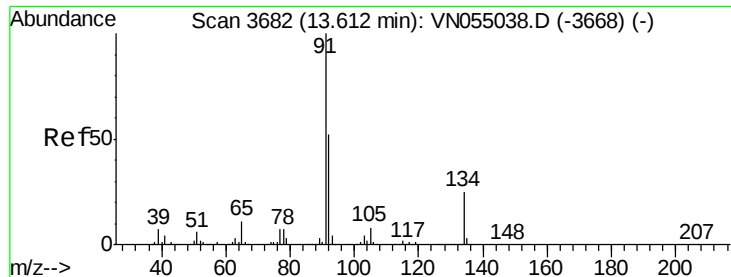
111 37.6 18.8 56.4

148 64.8 32.4 97.2



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





#89

n-Butylbenzene

Concen: 49.251 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampled :

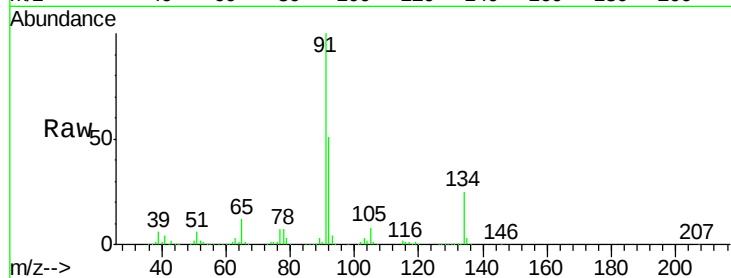
Tot Ion: 91 Resp: 593810

Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.7

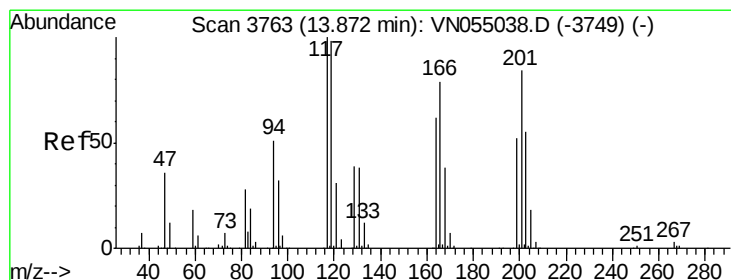
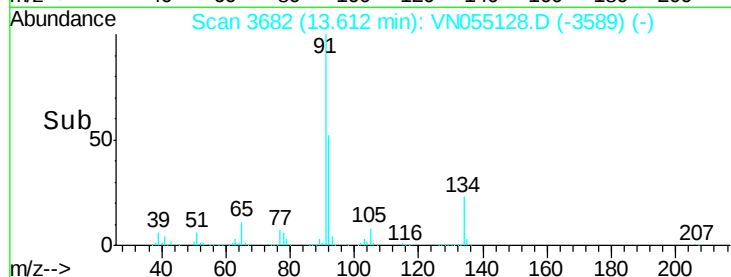
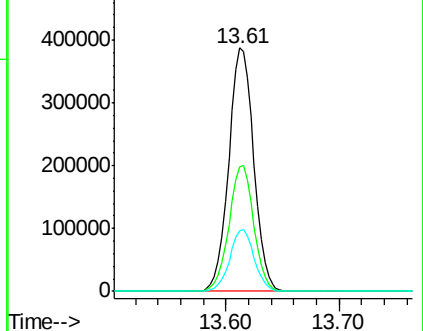
134 24.9 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN055128.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055128.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055128.D (-3682) (-)



#90

Hexachloroethane

Concen: 45.261 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055128.D

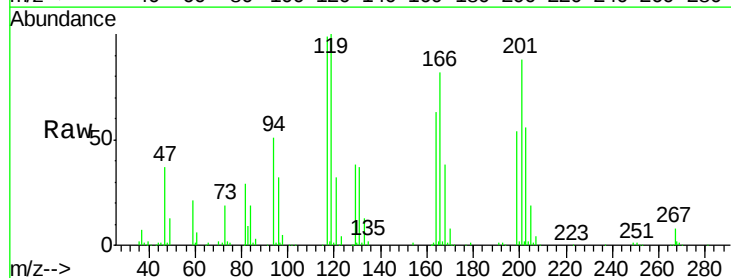
Acq: 18 Apr 2019 18:18

Tgt Ion: 117 Resp: 119608

Ion Ratio Lower Upper

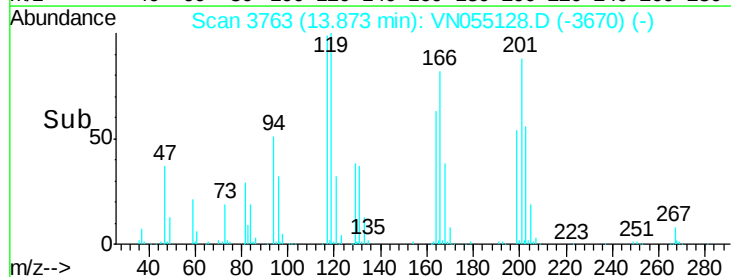
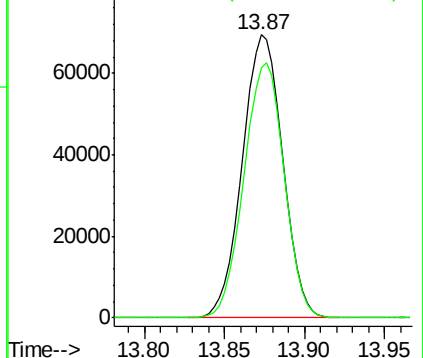
117 100

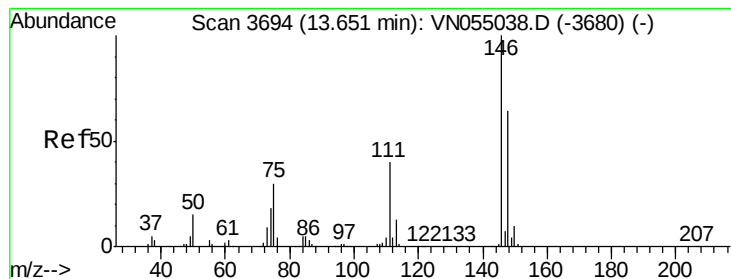
201 89.7 43.4 130.2



Abundance Ion 116.80 (116.50 to 117.50): VN055128.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055128.D (-3763) (-)





#91

1,2-Dichlorobenzene

Concen: 45.520 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampled :

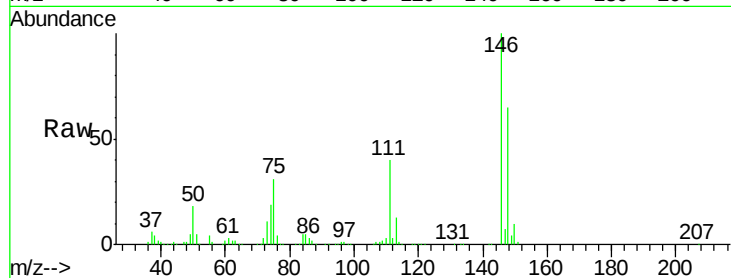
Tot Ion:146 Resp: 378324

Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.9

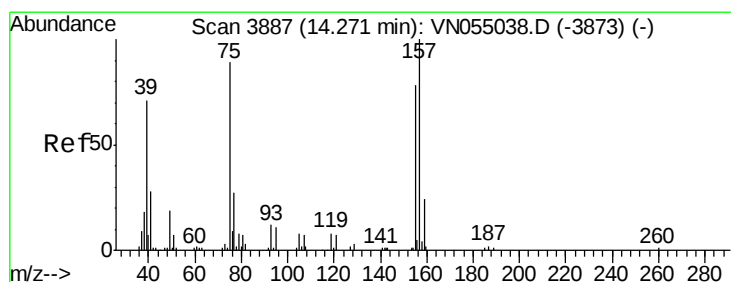
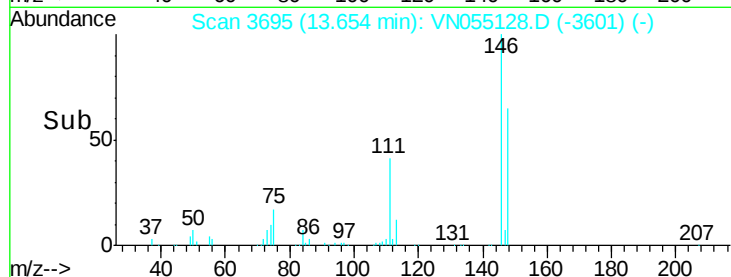
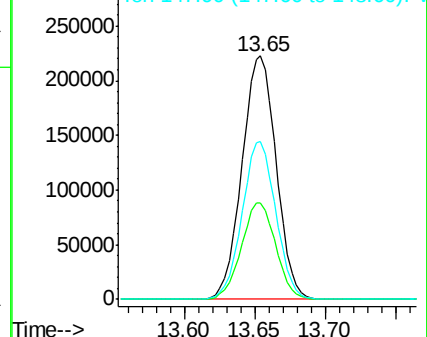
148 63.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.245 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

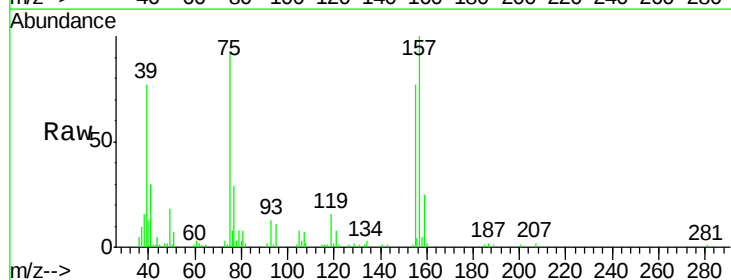
Tgt Ion: 75 Resp: 38963

Ion Ratio Lower Upper

75 100

155 87.5 42.0 126.0

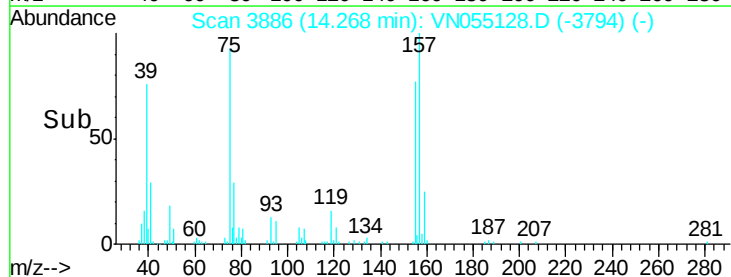
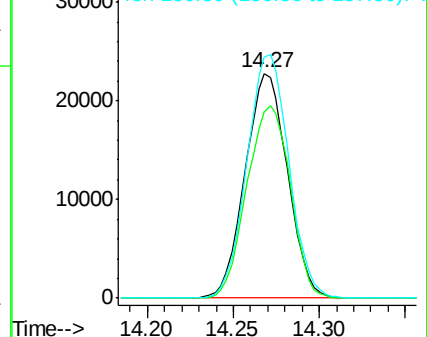
157 107.5 52.1 156.4

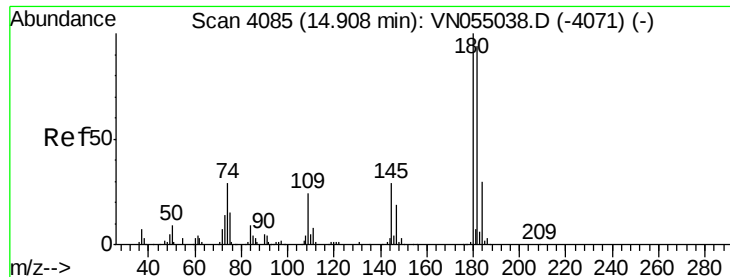


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

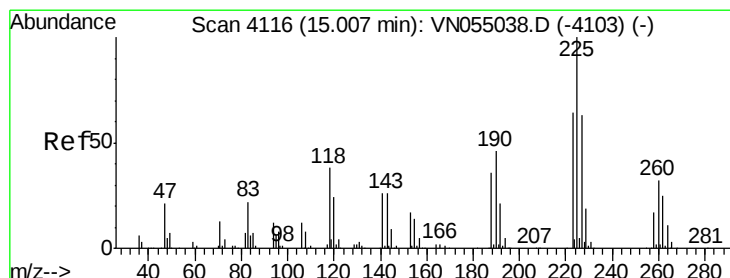
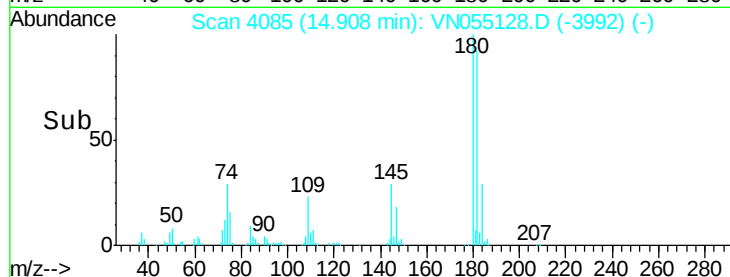
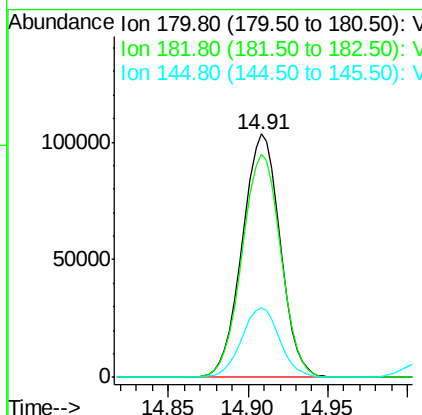
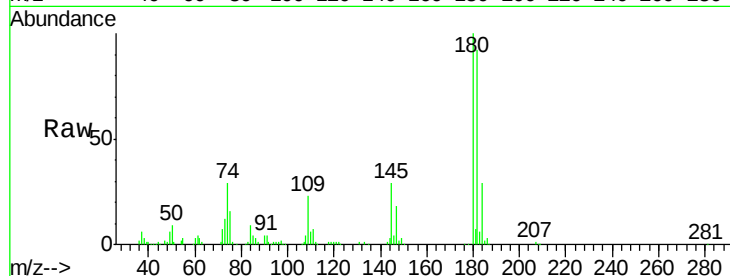




#93
 1,2,4-Trichlorobenzene
 Concen: 44.649 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

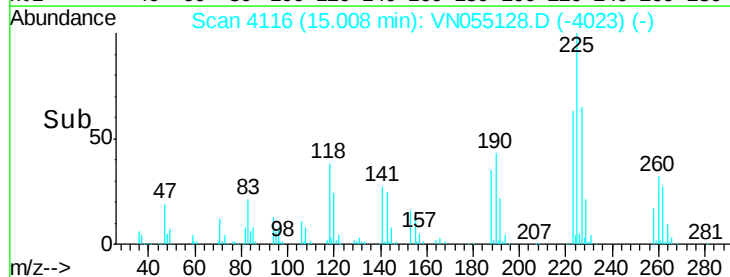
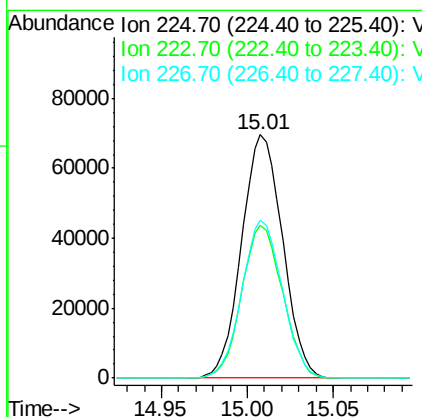
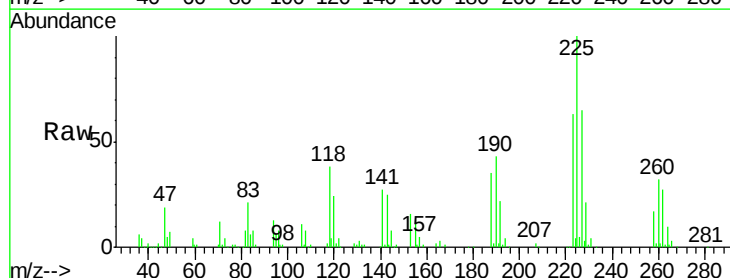
Instrument :
 MSVOA_N
 ClientSampled :

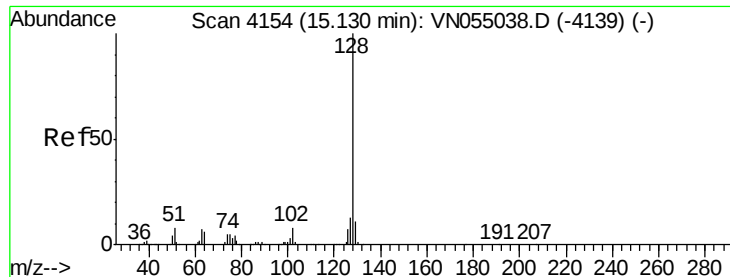
Tot Ion:180 Resp: 167072
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.5 142.6
 145 28.7 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 44.977 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055128.D
 Acq: 18 Apr 2019 18:18

Tgt Ion:225 Resp: 115458
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.0
 227 63.9 32.6 97.7





#95

Naphthalene

Concen: 44.792 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

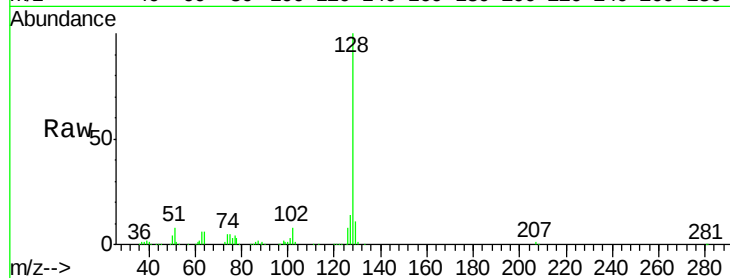
Tot Ion:128 Resp: 391768

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

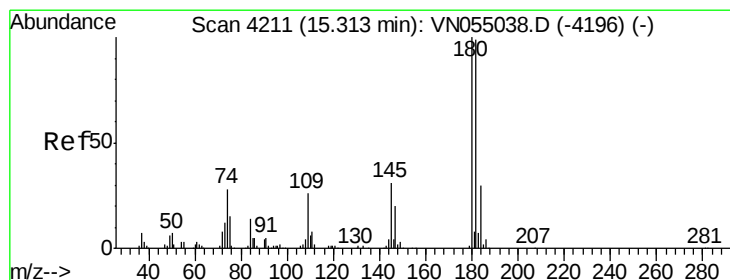
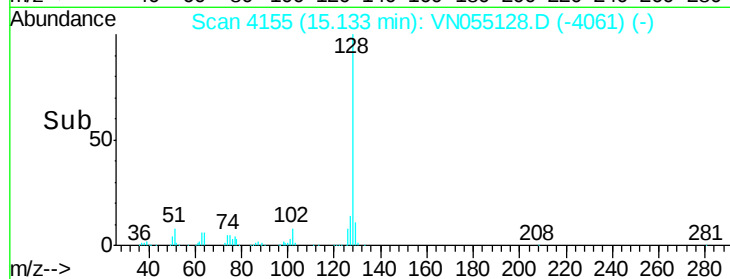
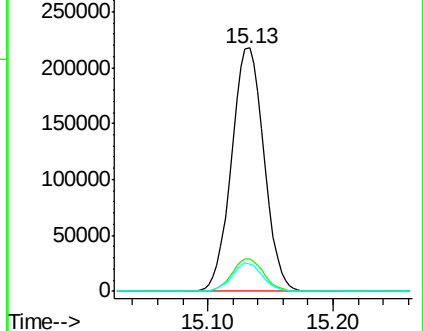
129 11.0 8.8 13.2



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: 53.559 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055128.D

Acq: 18 Apr 2019 18:18

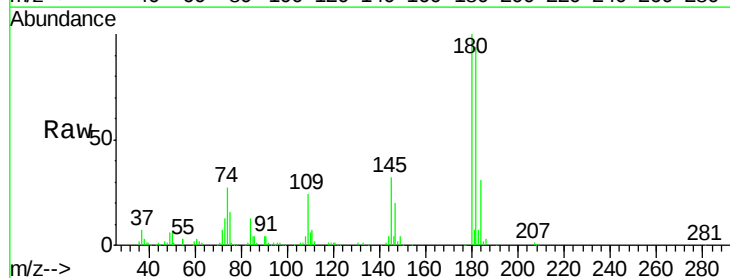
Tgt Ion:180 Resp: 171722

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.0

145 31.6 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

