

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055113.D
 Acq On : 18 Apr 2019 9:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:26:35 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	7.66	168	408891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	637380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	246555	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	246140	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
35) Dibromofluoromethane	7.59	113	206928	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	10.09	98	762294	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	260757	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	216406	46.570	ug/l	98
3) Chloromethane	2.06	50	269395	44.448	ug/l	98
4) Vinyl Chloride	2.19	62	226231	44.409	ug/l	99
5) Bromomethane	2.54	94	120292	41.740	ug/l	99
6) Chloroethane	2.70	64	121786	44.331	ug/l	98
7) Trichlorofluoromethane	3.01	101	296744	46.577	ug/l	99
8) Diethyl Ether	3.41	74	92152	45.313	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	157805	47.330	ug/l	99
10) Methyl Iodide	3.94	142	277776	53.687	ug/l	95
11) Tert butyl alcohol	4.82	59	70632	237.083	ug/l	97
12) 1,1-Dichloroethene	3.72	96	143749	44.294	ug/l	99
13) Acrolein	3.60	56	74985	203.627	ug/l	94
14) Allyl chloride	4.31	41	373947	47.073	ug/l	99
15) Acrylonitrile	4.99	53	426189	239.101	ug/l	99
16) Acetone	3.82	43	383550	259.998	ug/l	100
17) Carbon Disulfide	4.03	76	460778	43.983	ug/l	99
18) Methyl Acetate	4.33	43	206568	48.572	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	549587	47.340	ug/l	98
20) Methylene Chloride	4.54	84	227658	43.900	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	201959	46.011	ug/l	96
22) Diisopropyl ether	5.95	45	794291	48.638	ug/l	98
23) Vinyl Acetate	5.90	43	2706368	250.723	ug/l	99
24) 1,1-Dichloroethane	5.84	63	412211	47.400	ug/l	98
25) 2-Butanone	6.84	43	565187	256.702	ug/l	100
26) 2,2-Dichloropropane	6.82	77	279363	50.897	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	238165	47.960	ug/l	99
28) Bromochloromethane	7.19	49	188931	45.068	ug/l	99
29) Tetrahydrofuran	7.22	42	332737	230.456	ug/l	99
30) Chloroform	7.37	83	398323	47.154	ug/l	99
31) Cyclohexane	7.65	56	372738	48.441	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	319618	47.757	ug/l	100
36) 1,1-Dichloropropene	7.79	75	292310	48.649	ug/l	99
37) Ethyl Acetate	6.93	43	222709	45.529	ug/l	99
38) Carbon Tetrachloride	7.77	117	269731	47.184	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	324300	49.808	ug/l	99
40) Benzene	8.04	78	882919	48.756	ug/l	99
41) Methacrylonitrile	7.17	41	141344	52.054	ug/l	93
42) 1,2-Dichloroethane	8.12	62	304170	48.378	ug/l	99
43) Isopropyl Acetate	8.17	43	369394	49.009	ug/l	98
44) Trichloroethene	8.83	130	226559	49.949	ug/l	99
45) 1,2-Dichloropropane	9.12	63	252515	50.000	ug/l	99
46) Dibromomethane	9.21	93	142377	49.529	ug/l	97
47) Bromodichloromethane	9.40	83	302138	50.980	ug/l	98
48) Methyl methacrylate	9.20	41	188463	50.446	ug/l	100
49) 1,4-Dioxane	9.20	88	43402	1240.018	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1104034	253.539	ug/l	99
52) Toluene	10.15	92	533552	51.443	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	284296	54.891	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	346092	53.839	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	198625	49.706	ug/l	97
56) Ethyl methacrylate	10.43	69	251007	52.341	ug/l	98
57) 1,3-Dichloropropane	10.71	76	342857	50.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	478206	228.016	ug/l	99
59) 2-Hexanone	10.75	43	705786	258.054	ug/l	100
60) Dibromochloromethane	10.90	129	210390	53.918	ug/l	98
61) 1,2-Dibromoethane	11.00	107	188826	51.340	ug/l	98
64) Tetrachloroethene	10.63	164	222385	48.053	ug/l	99
65) Chlorobenzene	11.43	112	563174	49.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	209788	49.790	ug/l	99
67) Ethyl Benzene	11.51	91	1018409	49.780	ug/l	100
68) m/p-Xylenes	11.62	106	755713	102.010	ug/l	100
69) o-Xylene	11.95	106	367299	51.190	ug/l	99
70) Styrene	11.96	104	618461	53.249	ug/l	99
71) Bromoform	12.12	173	131264	54.352	ug/l #	97
73) Isopropylbenzene	12.25	105	975084	44.568	ug/l	99
74) N-amyl acetate	12.07	43	299052	48.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	242297	41.388	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	286507	64.621	ug/l #	100
77) Bromobenzene	12.53	156	241655	44.304	ug/l	99
78) n-propylbenzene	12.59	91	1115161	47.176	ug/l	100
79) 2-Chlorotoluene	12.67	91	671126	45.519	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	816325	46.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	56300	50.779	ug/l	91
82) 4-Chlorotoluene	12.77	91	661090	48.059	ug/l	99
83) tert-Butylbenzene	12.99	119	688894	46.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	804429	48.076	ug/l	99
85) sec-Butylbenzene	13.17	105	901164	47.430	ug/l	99
86) p-Isopropyltoluene	13.29	119	808823	49.619	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	410202	49.478	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	393855	49.818	ug/l	99
89) n-Butylbenzene	13.61	91	664015	54.874	ug/l	100
90) Hexachloroethane	13.87	117	126071	47.533	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	394009	47.235	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32480	45.054	ug/l	97

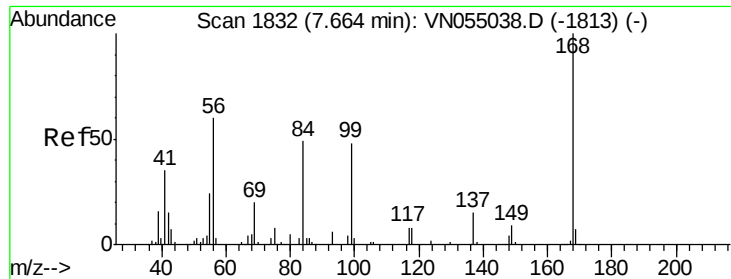
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	182115	48.261	ug/l	98
94) Hexachlorobutadiene	15.01	225	132523	51.437	ug/l	98
95) Naphthalene	15.13	128	371676	42.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	182877	56.830	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

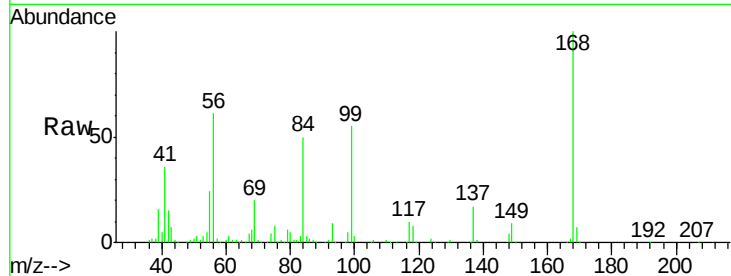
ClientSampleId :

Tot Ion:168 Resp: 408891

Ion Ratio Lower Upper

168 100

99 53.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

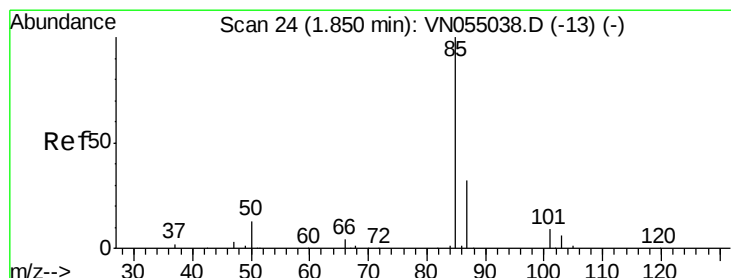
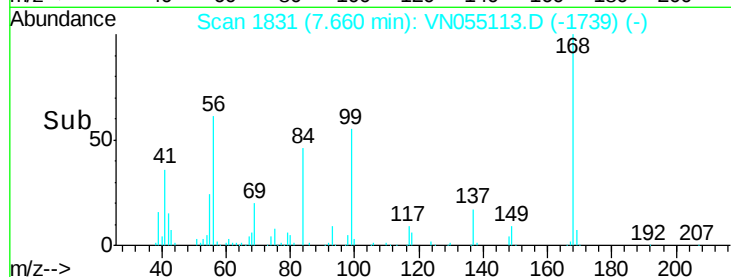
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.570 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055113.D

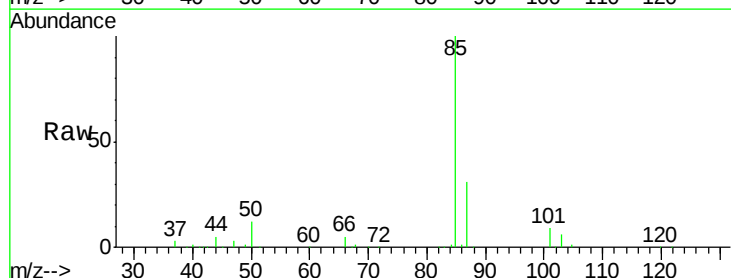
Acq: 18 Apr 2019 9:16

Tgt Ion: 85 Resp: 216406

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

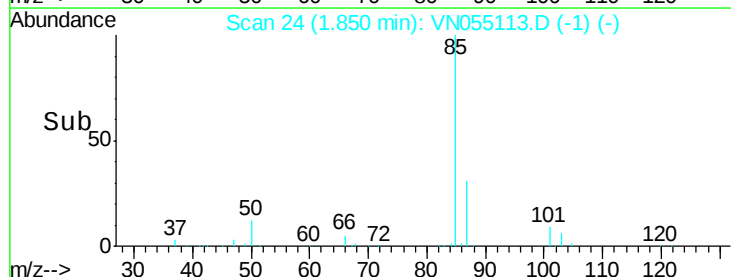
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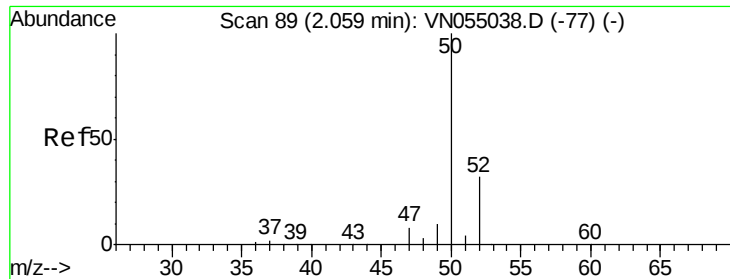
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.448 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

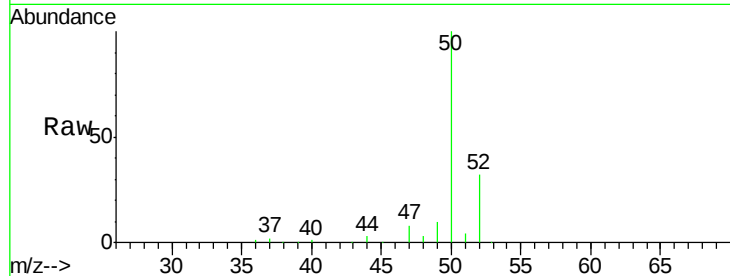
ClientSampleId :

Tot Ion: 50 Resp: 269395

Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

200000

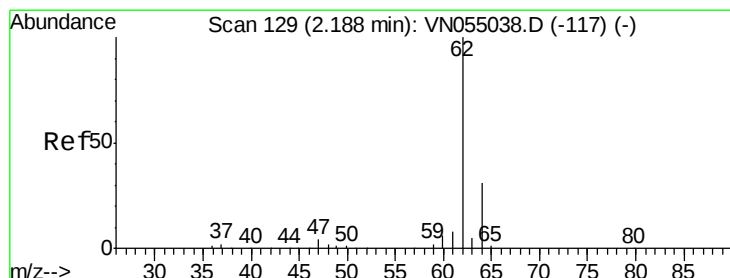
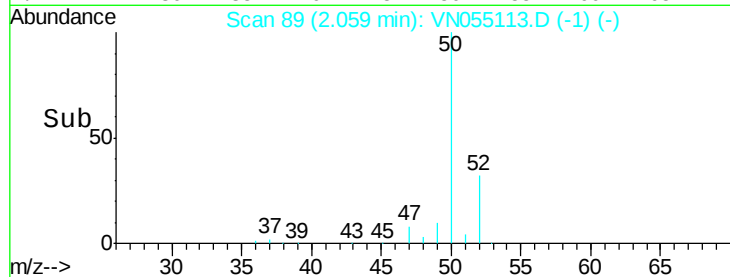
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 44.409 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055113.D

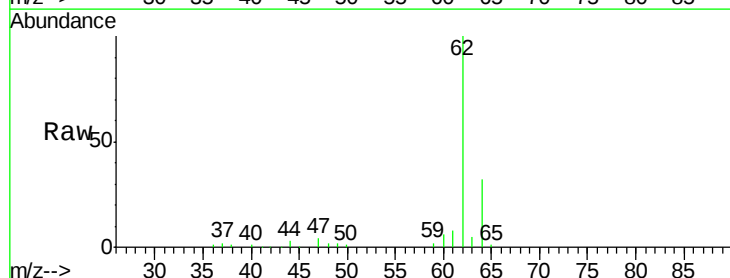
Acq: 18 Apr 2019 9:16

Tgt Ion: 62 Resp: 226231

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

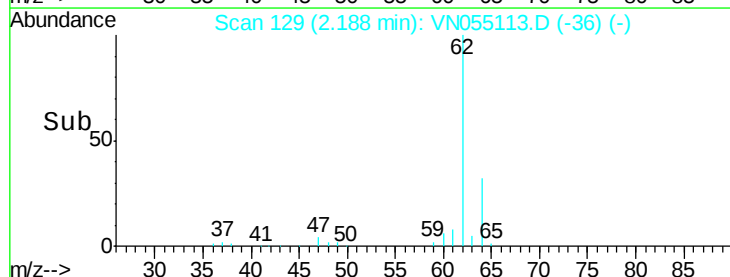
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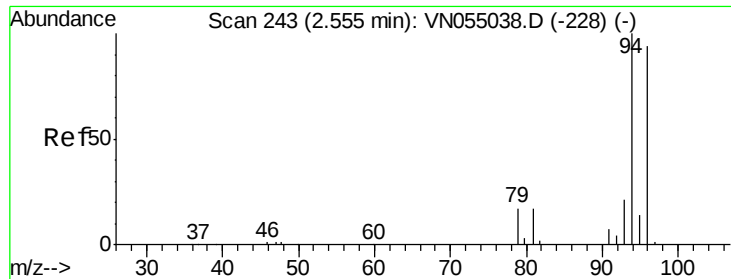
100000

50000

0

Time-->





#5

Bromomethane

Concen: 41.740 ug/l

RT: 2.54 min Scan# 240

Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

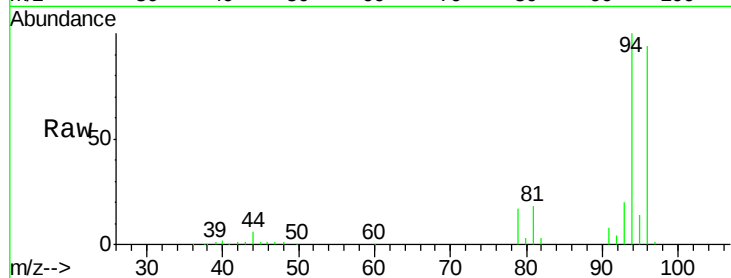
ClientSampled :

Tot Ion: 94 Resp: 120292

Ion Ratio Lower Upper

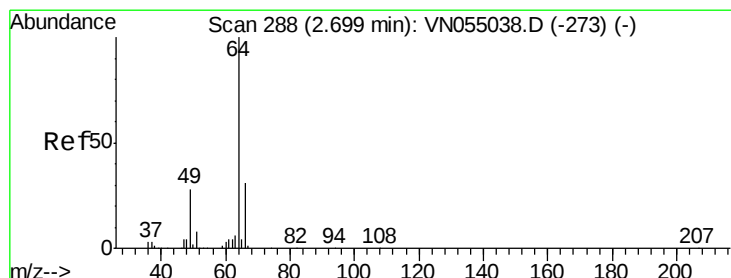
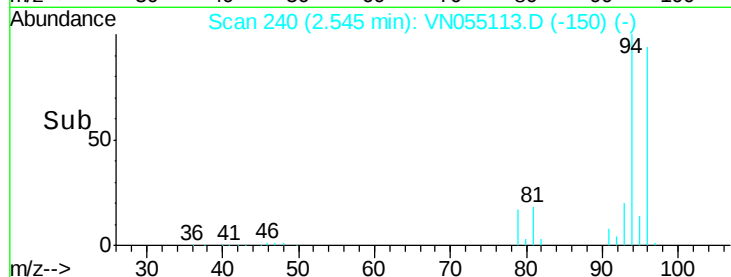
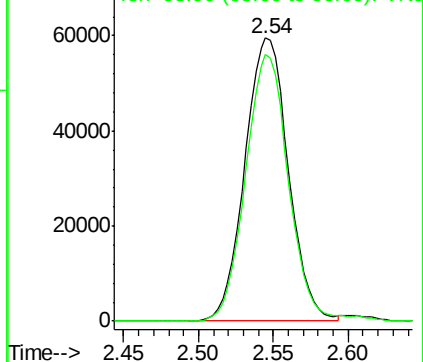
94 100

96 94.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.331 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN055113.D

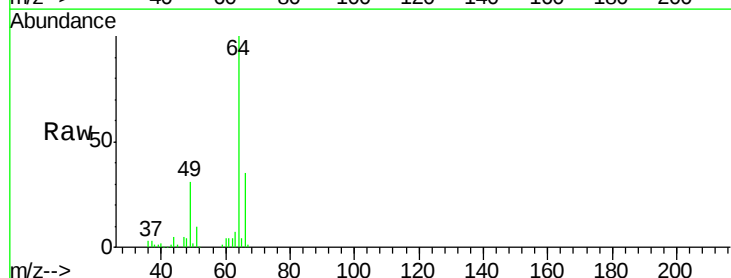
Acq: 18 Apr 2019 9:16

Tgt Ion: 64 Resp: 121786

Ion Ratio Lower Upper

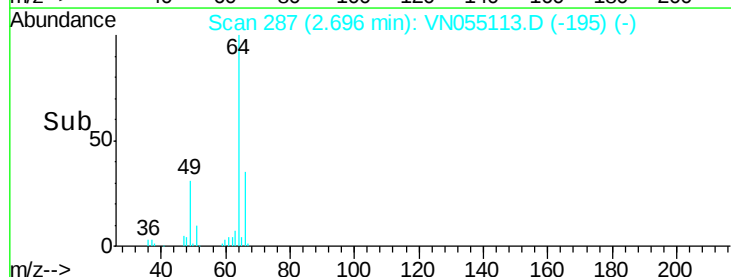
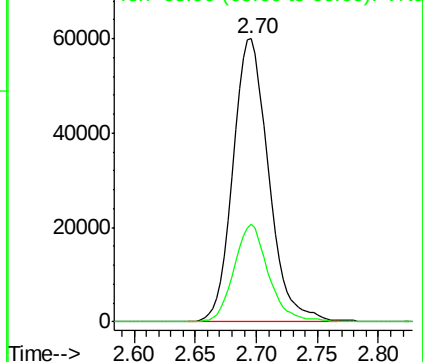
64 100

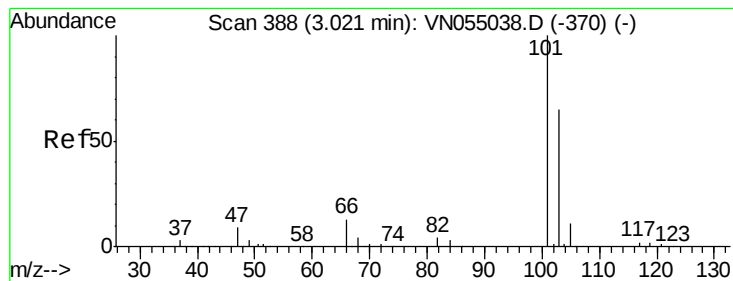
66 34.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



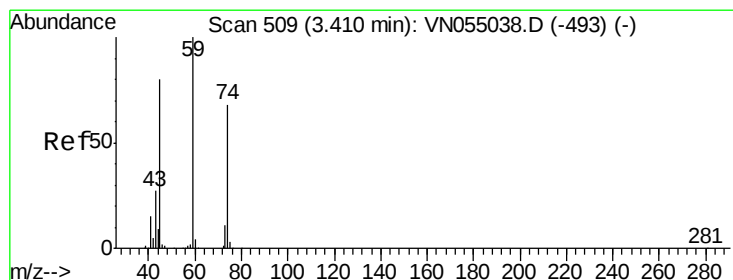
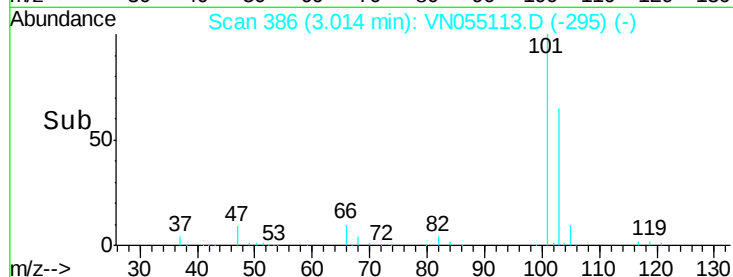
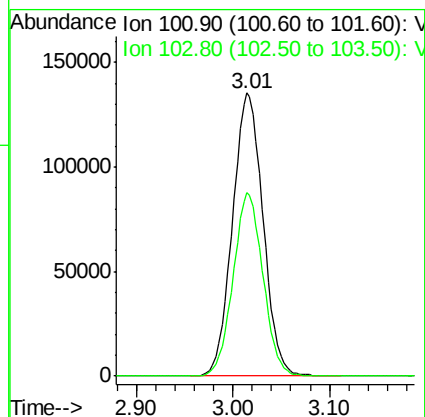
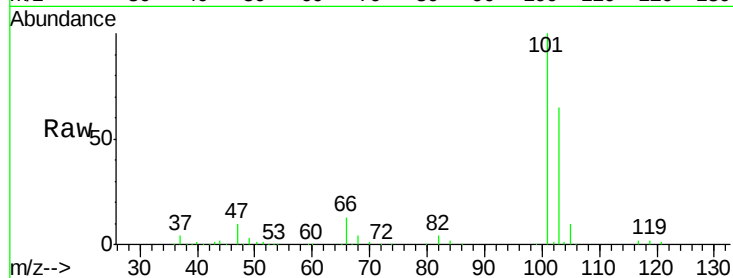


#7

Trichlorofluoromethane
 Concen: 46.577 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
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 ClientSampleId :

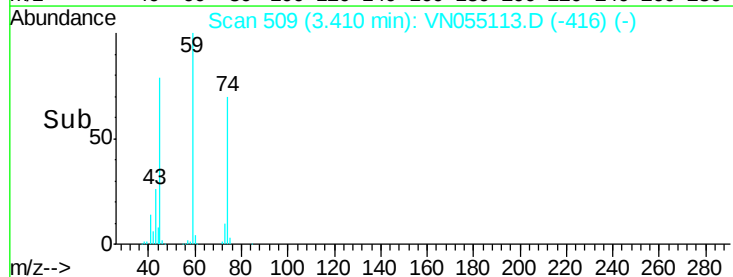
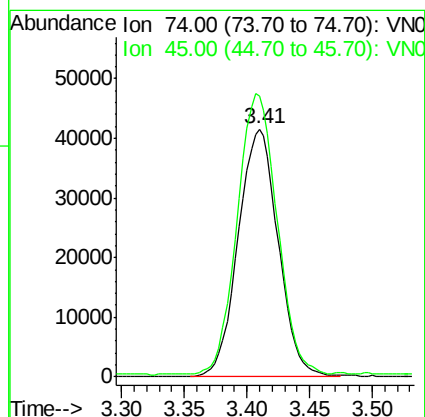
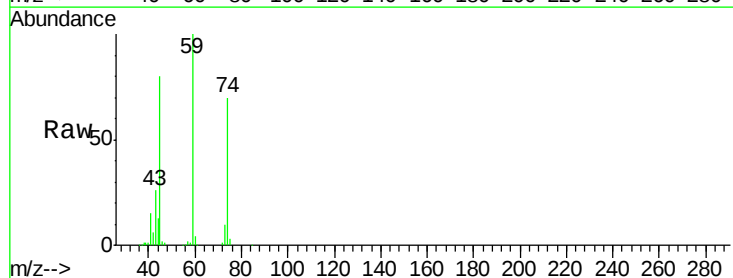
Tot Ion:101 Resp: 296744
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.5 78.7

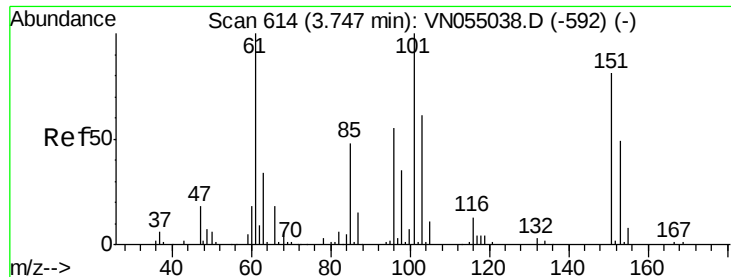


#8

Diethyl Ether
 Concen: 45.313 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion: 74 Resp: 92152
 Ion Ratio Lower Upper
 74 100
 45 112.3 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.330 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

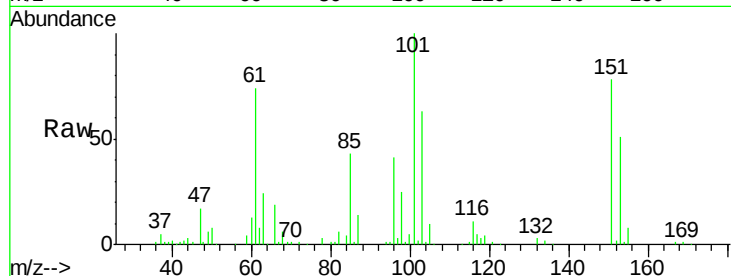
Tot Ion:101 Resp: 157805

Ion Ratio Lower Upper

101 100

85 45.3 36.9 55.3

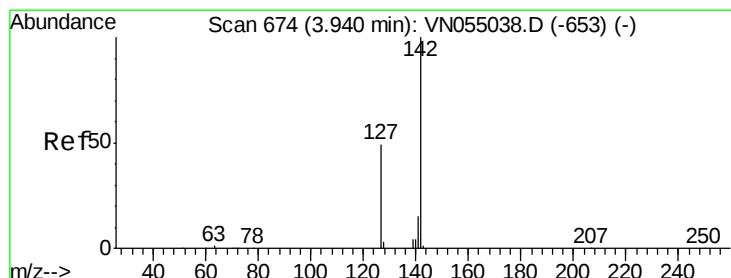
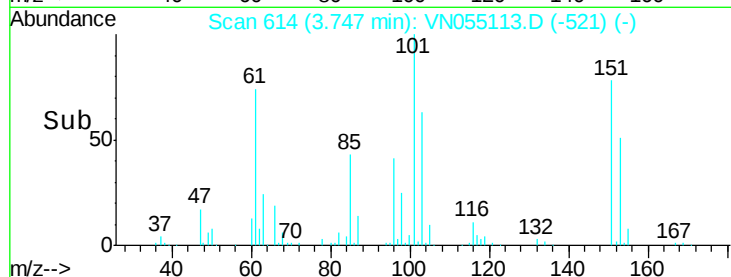
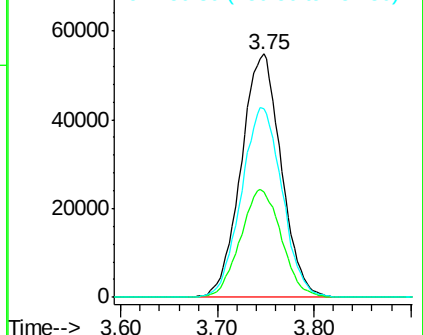
151 79.3 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN055113.D (-581) (-)

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.687 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

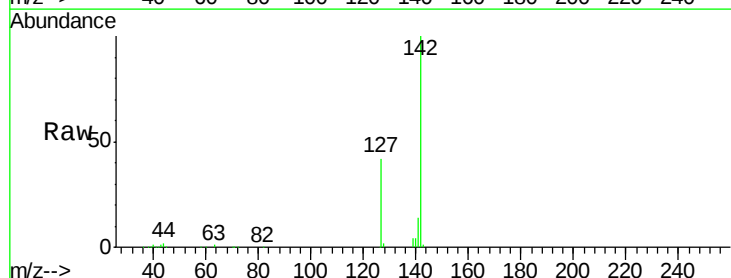
Tgt Ion:142 Resp: 277776

Ion Ratio Lower Upper

142 100

127 43.2 37.9 56.9

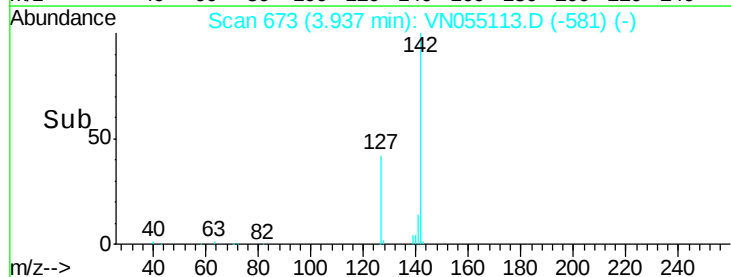
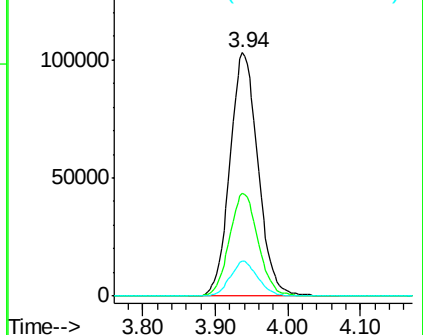
141 14.0 11.8 17.8

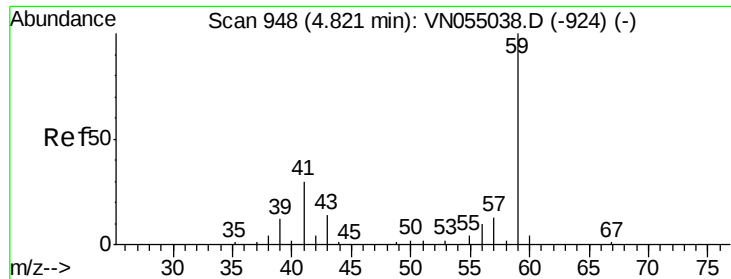


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



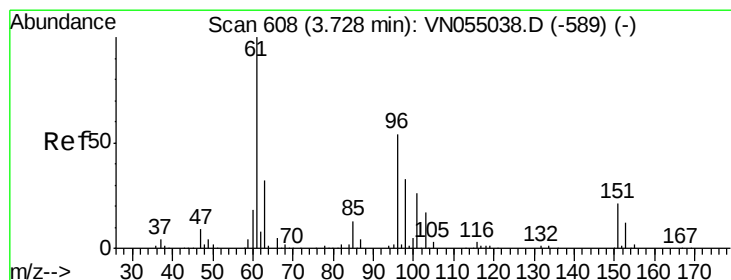
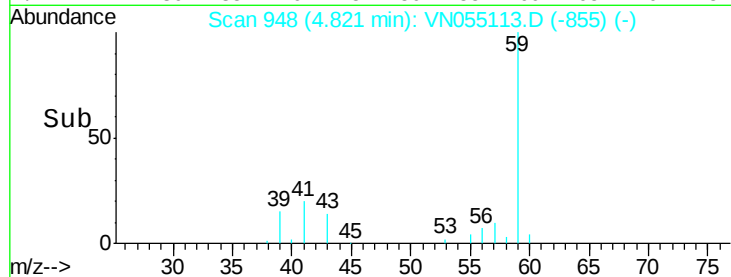
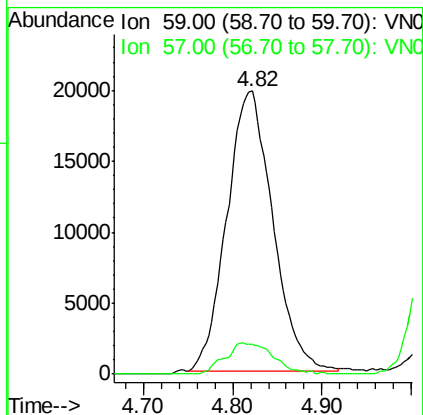
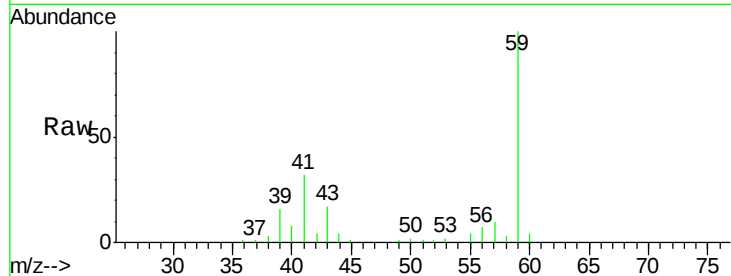


#11

Tert butyl alcohol
 Concen: 237.083 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :

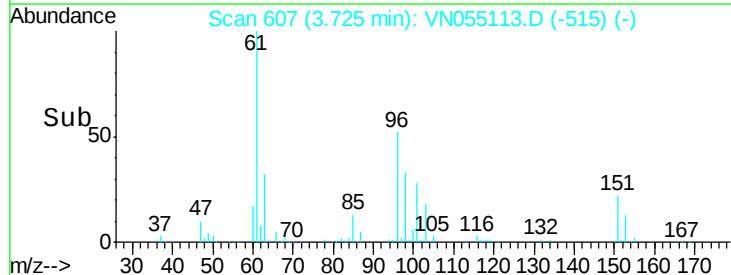
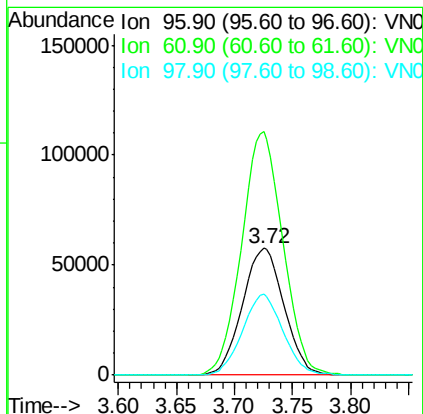
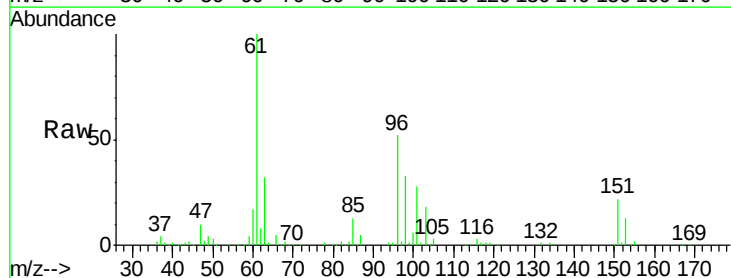
Tot Ion: 59 Resp: 70632
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.3 12.5

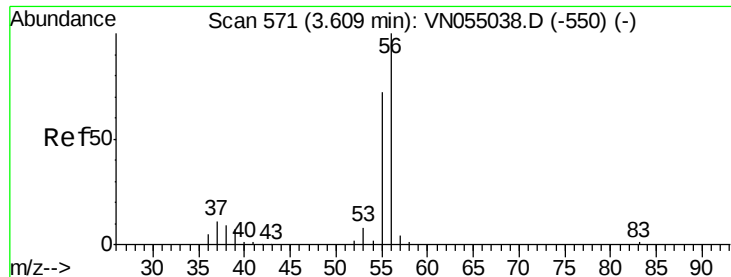


#12

1,1-Dichloroethene
 Concen: 44.294 ug/l
 RT: 3.72 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion: 96 Resp: 143749
 Ion Ratio Lower Upper
 96 100
 61 192.0 154.2 231.4
 98 63.9 52.9 79.3





#13

Acrolein

Concen: 203.627 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

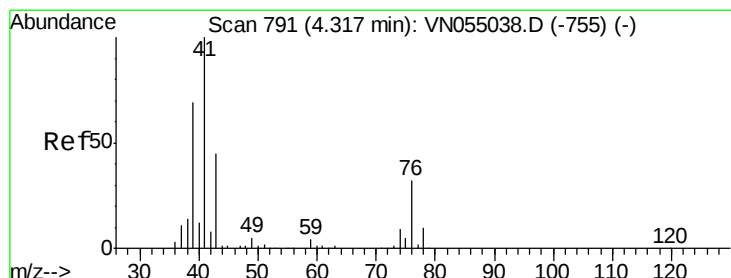
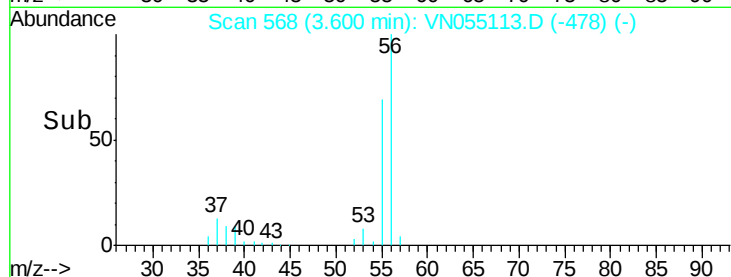
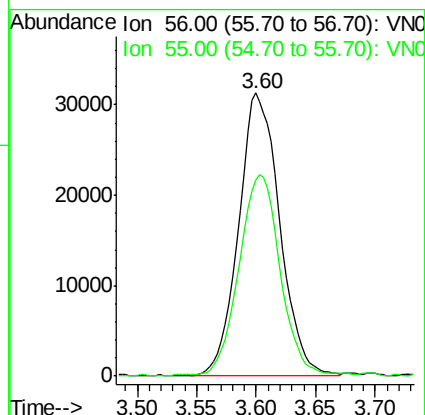
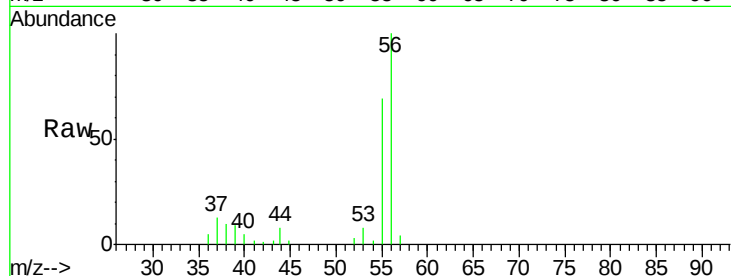
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 74985

Ion Ratio Lower Upper

56 100

55 69.3 59.5 89.3



#14

Allyl chloride

Concen: 47.073 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

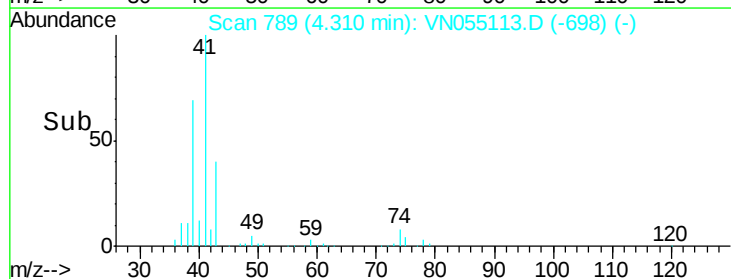
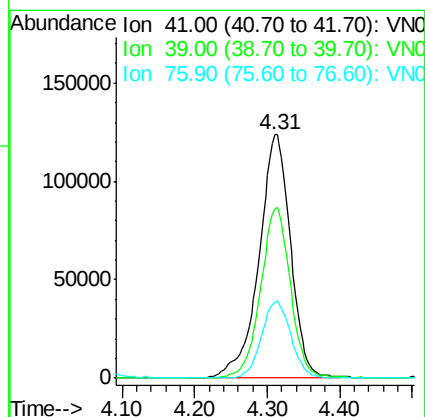
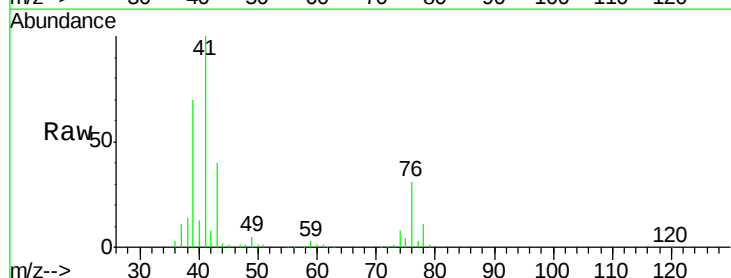
Tgt Ion: 41 Resp: 373947

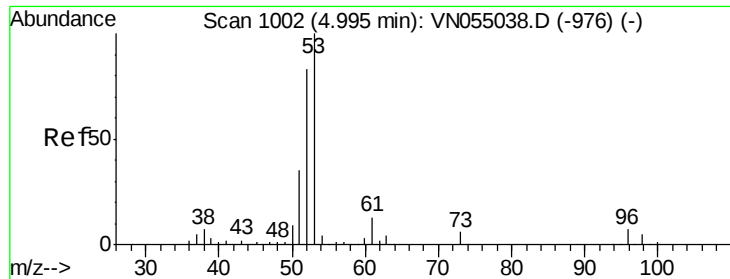
Ion Ratio Lower Upper

41 100

39 66.5 52.7 79.1

76 29.5 23.2 34.8

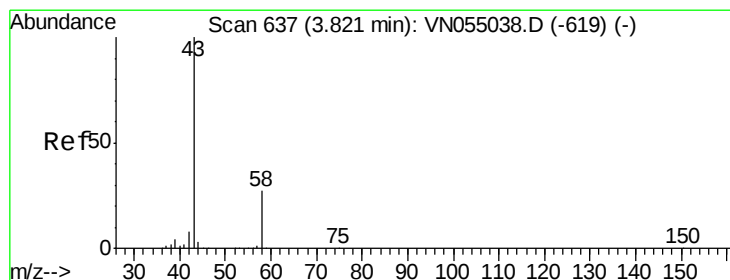
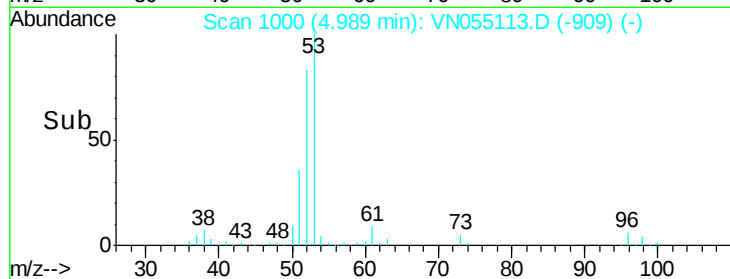
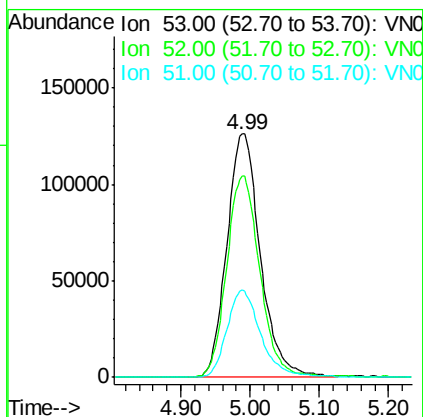
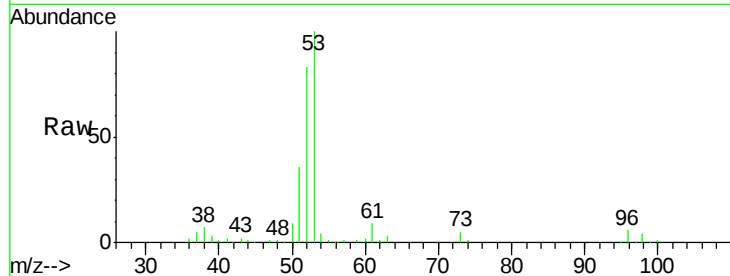




#15
 Acrylonitrile
 Concen: 239.101 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

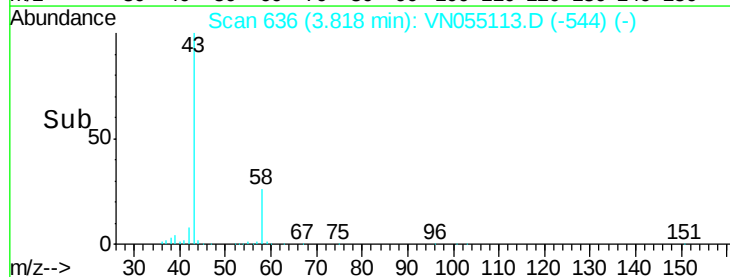
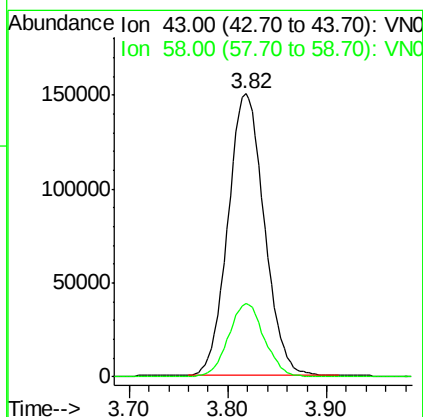
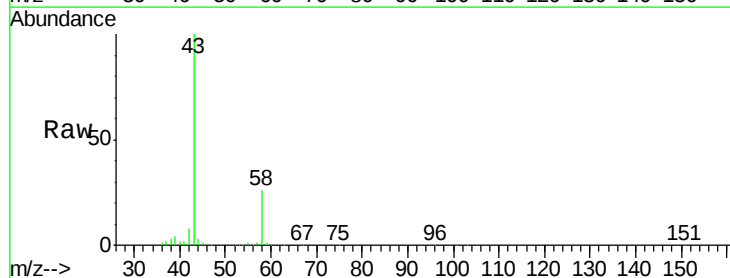
Instrument :
 MSVOA_N
 ClientSampled :

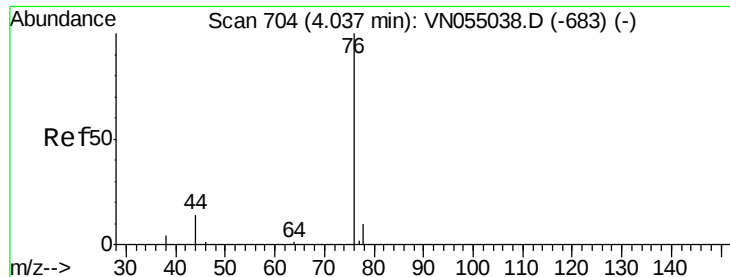
Tot Ion: 53 Resp: 426189
 Ion Ratio Lower Upper
 53 100
 52 81.9 65.9 98.9
 51 35.9 29.7 44.5



#16
 Acetone
 Concen: 259.998 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion: 43 Resp: 383550
 Ion Ratio Lower Upper
 43 100
 58 25.9 20.9 31.3

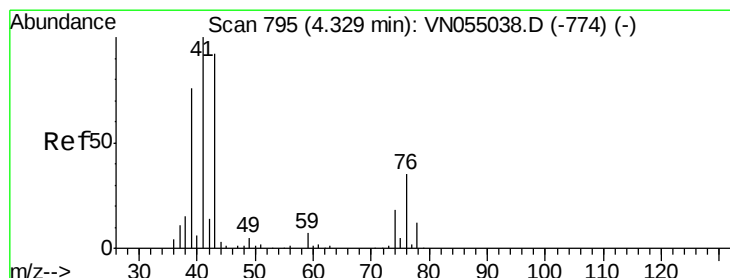
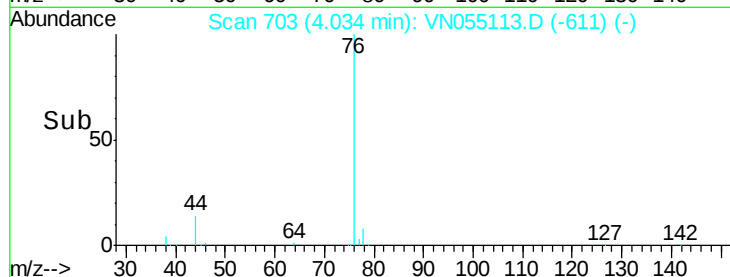
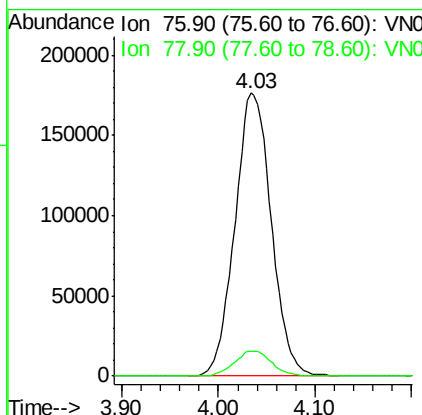
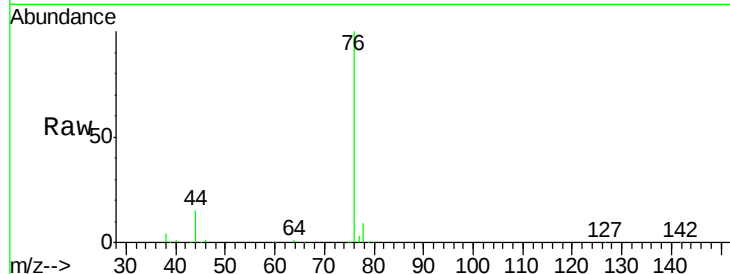




#17
Carbon Disulfide
Concen: 43.983 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

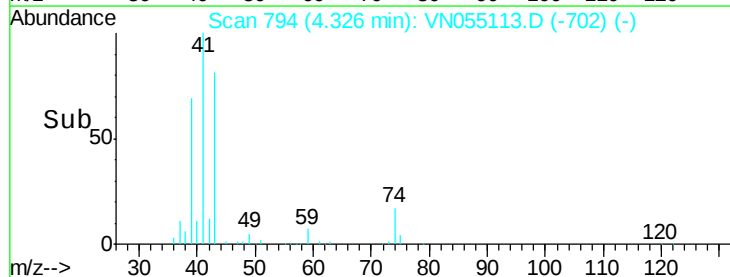
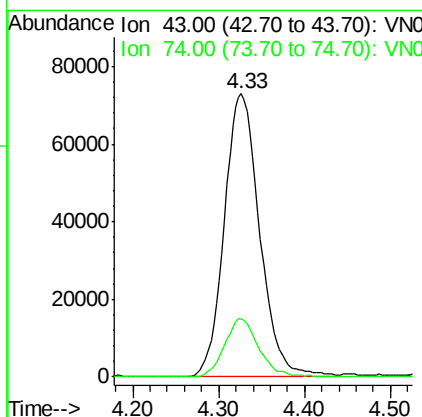
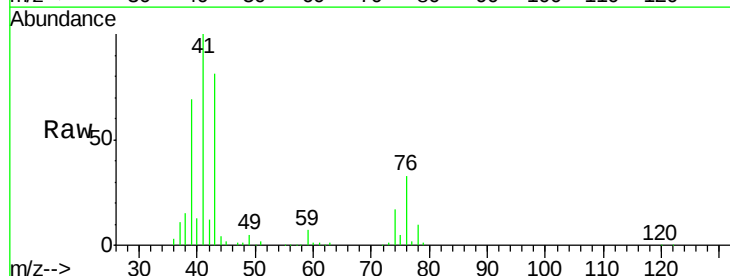
Instrument :
MSVOA_N
ClientSampleId :

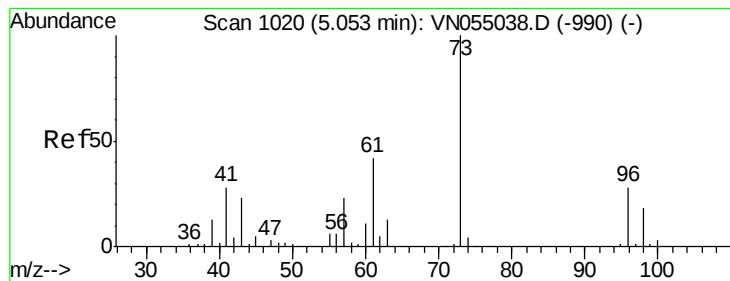
Tot Ion: 76 Resp: 460778
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 48.572 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 43 Resp: 206568
Ion Ratio Lower Upper
43 100
74 20.0 16.1 24.1



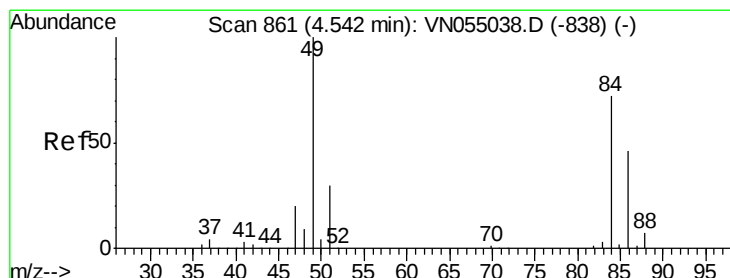
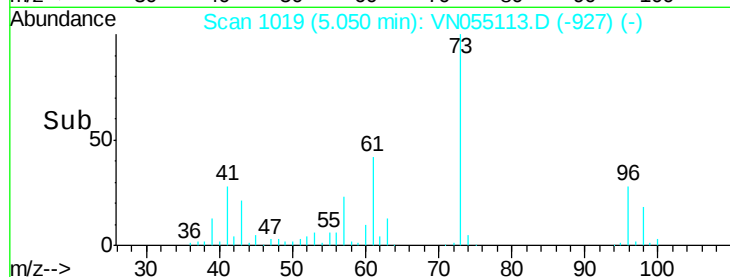
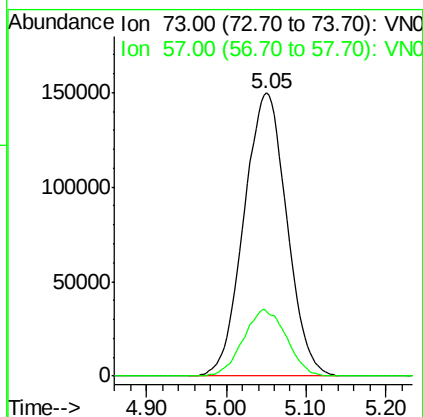
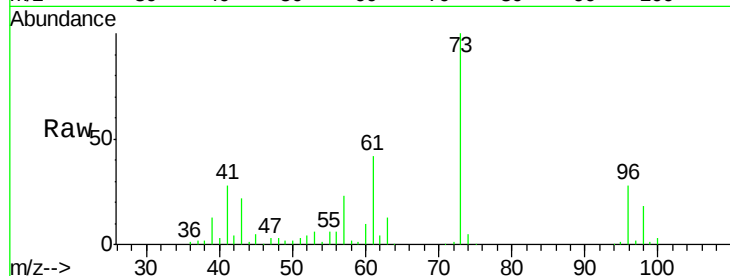


#19

Methyl tert-butyl Ether
 Concen: 47.340 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :

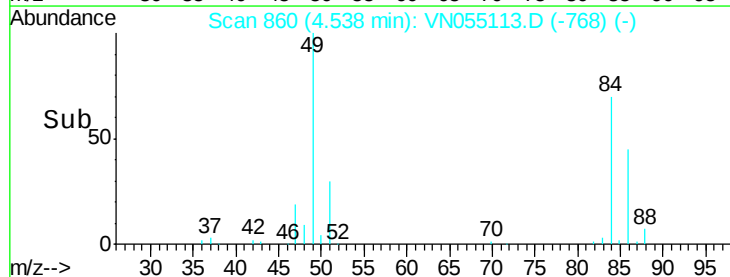
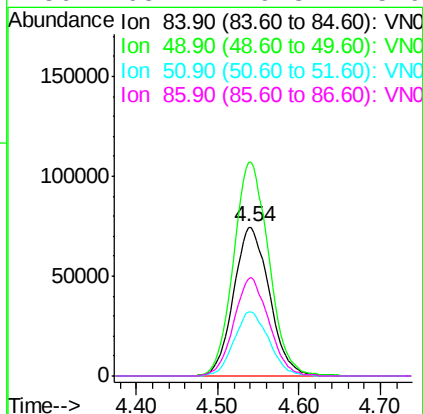
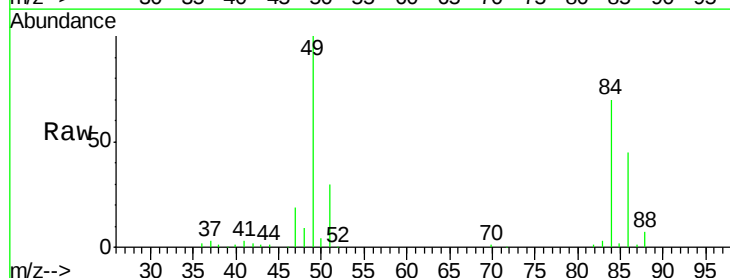
Tot Ion: 73 Resp: 549587
 Ion Ratio Lower Upper
 73 100
 57 22.6 19.0 28.4

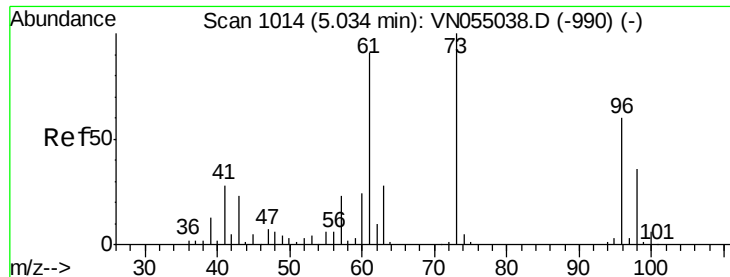


#20

Methylene Chloride
 Concen: 43.900 ug/l
 RT: 4.54 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion: 84 Resp: 227658
 Ion Ratio Lower Upper
 84 100
 49 143.7 109.4 164.2
 51 43.3 32.2 48.4
 86 65.4 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 46.011 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampled :

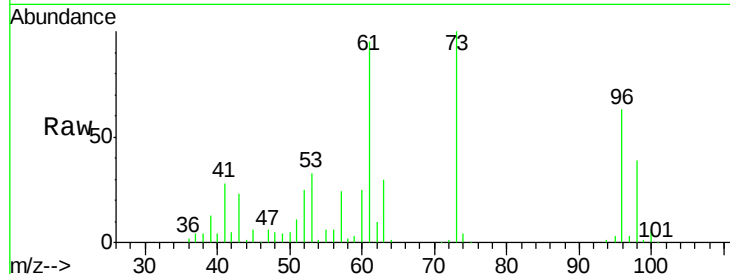
Tot Ion: 96 Resp: 201959

Ion Ratio Lower Upper

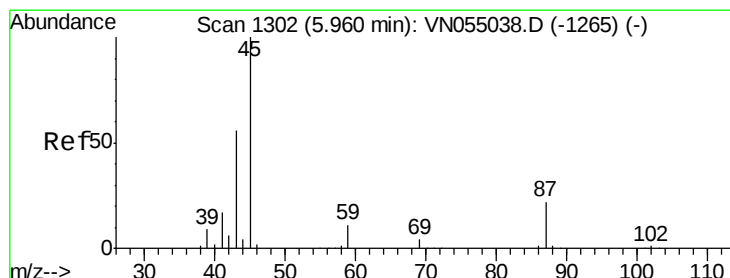
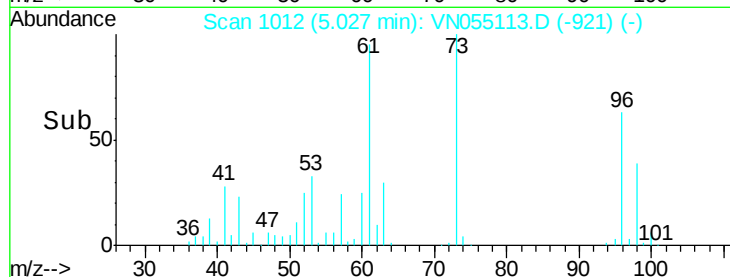
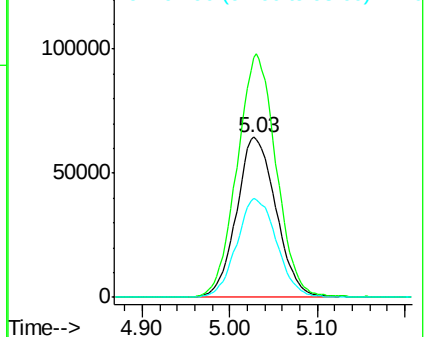
96 100

61 150.0 114.9 172.3

98 61.7 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: 48.638 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Tgt Ion: 45 Resp: 794291

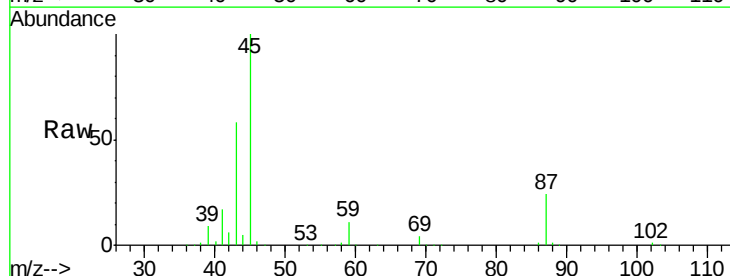
Ion Ratio Lower Upper

45 100

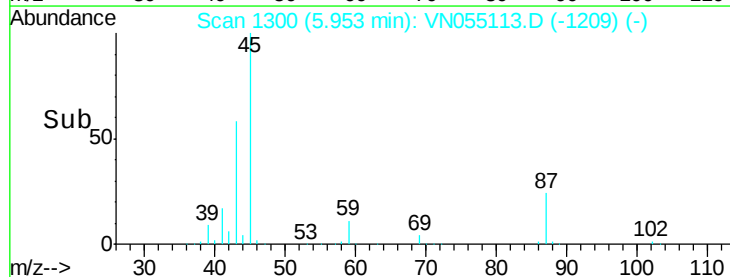
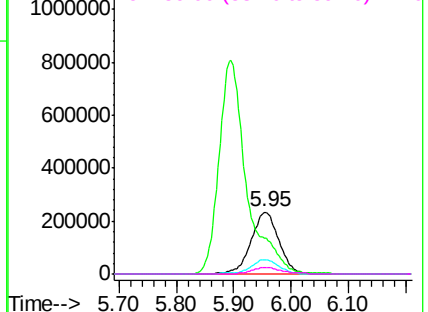
43 57.7 44.8 67.2

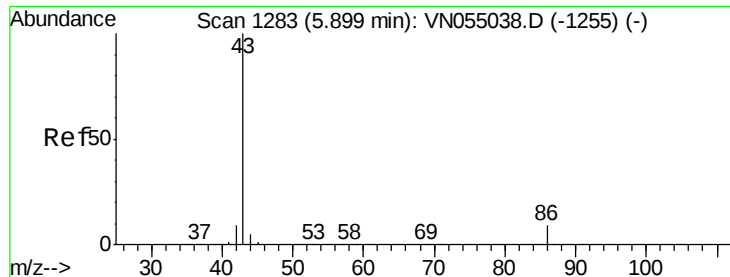
87 23.5 18.9 28.3

59 10.8 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: 250.723 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

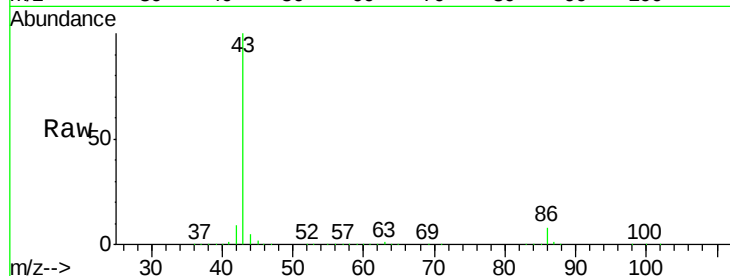
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2706368

Ion Ratio Lower Upper

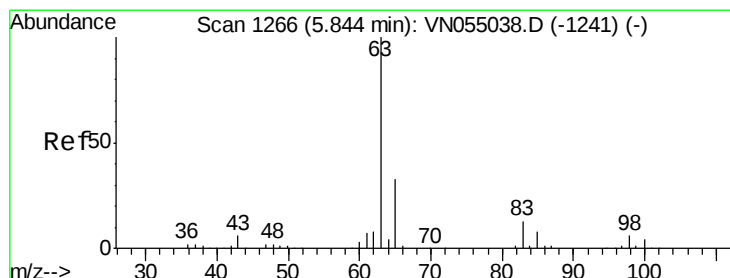
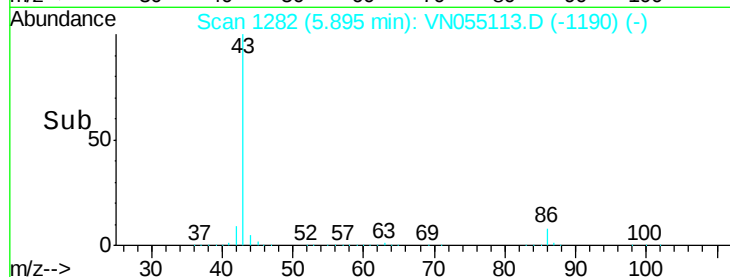
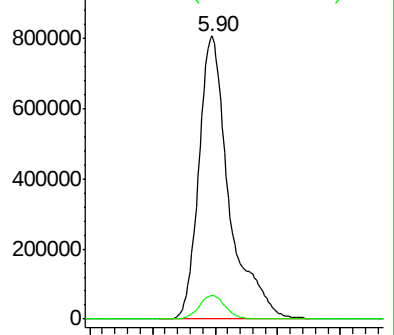
43 100

86 8.3 7.0 10.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.400 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

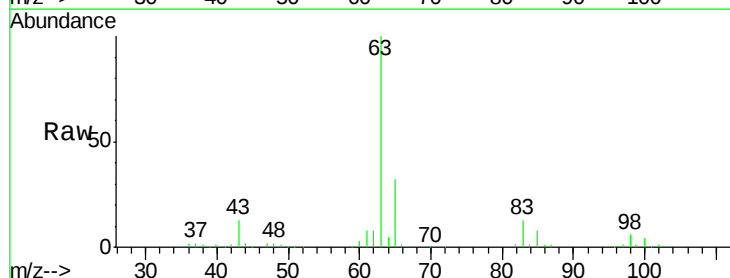
Tgt Ion: 63 Resp: 412211

Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.4

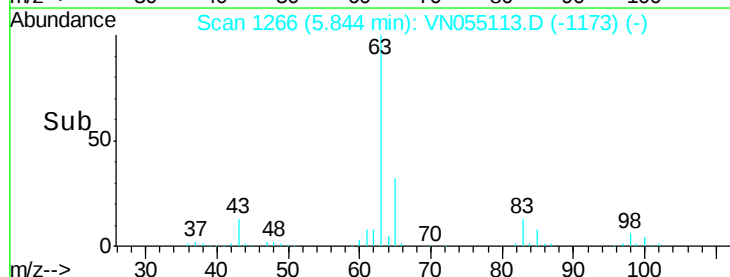
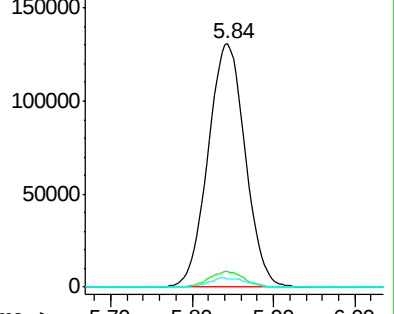
100 3.6 2.0 5.8

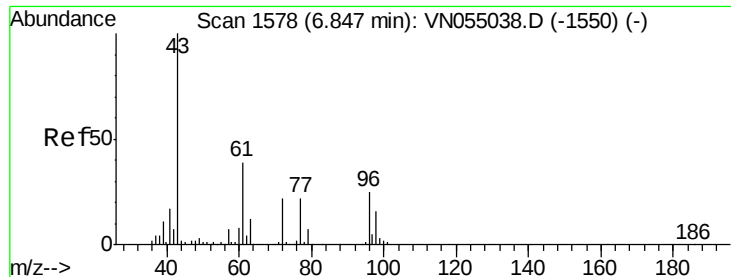


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

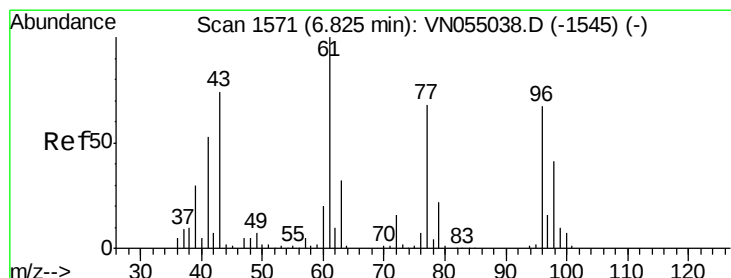
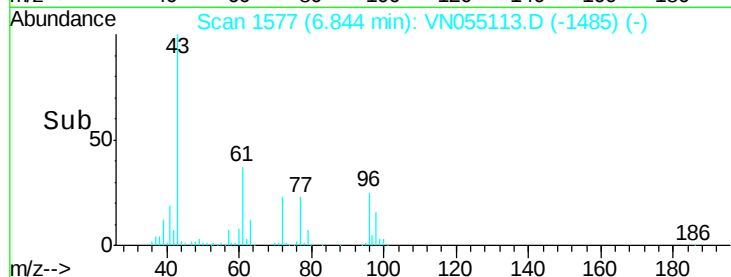
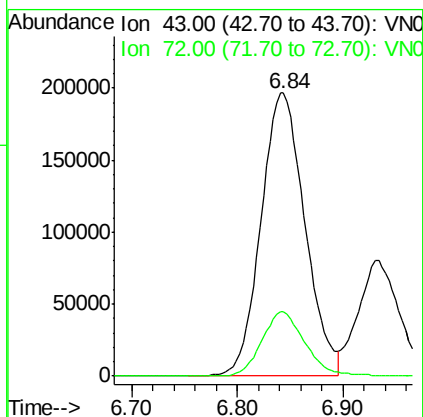
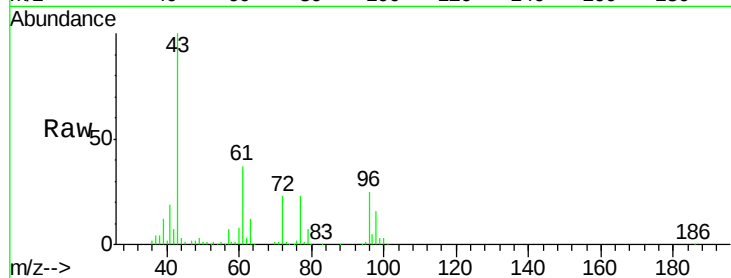




#25
2-Butanone
Concen: 256.702 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

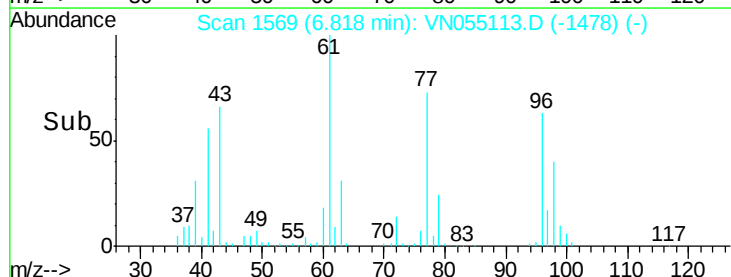
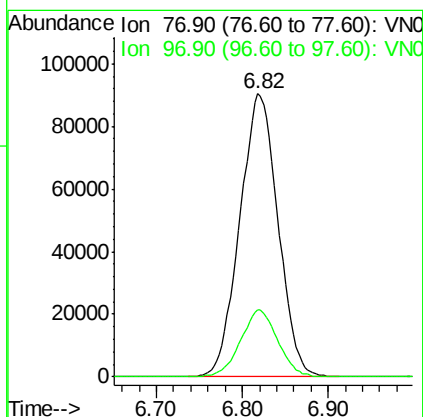
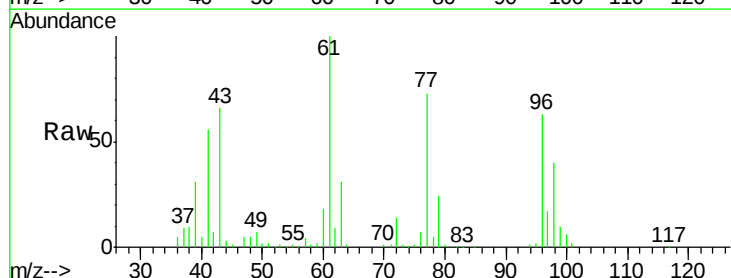
Instrument :
MSVOA_N
ClientSampled :

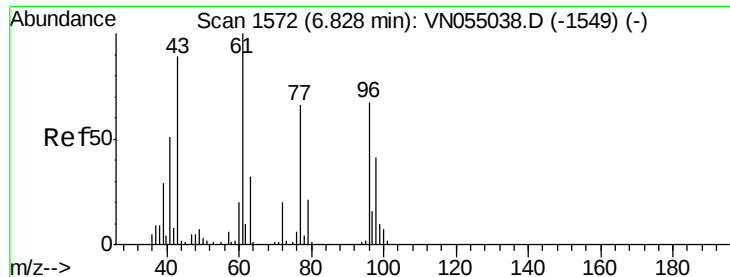
Tot Ion: 43 Resp: 565187
Ion Ratio Lower Upper
43 100
72 22.8 18.1 27.1



#26
2,2-Dichloropropane
Concen: 50.897 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 77 Resp: 279363
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 47.960 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :

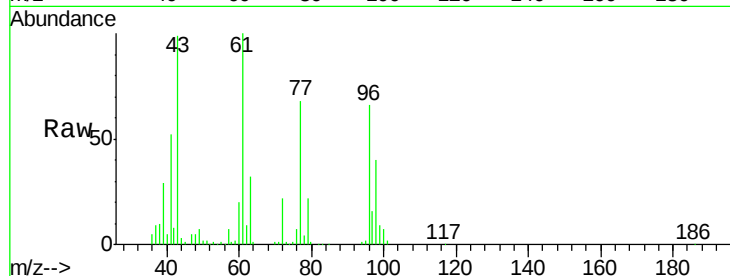
Tot Ion: 96 Resp: 238165

Ion Ratio Lower Upper

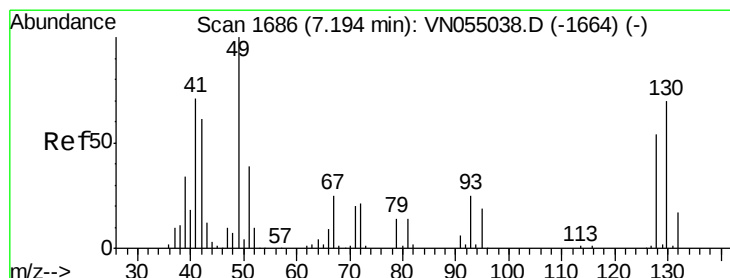
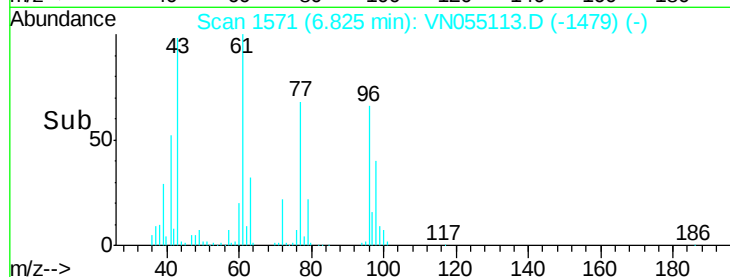
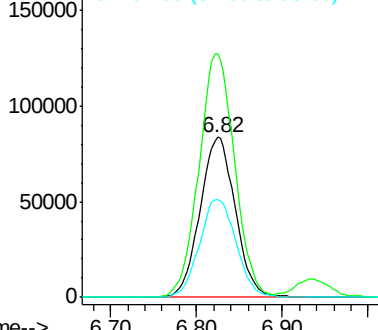
96 100

61 153.9 0.0 311.0

98 63.4 0.0 127.4



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



#28

Bromochloromethane

Concen: 45.068 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

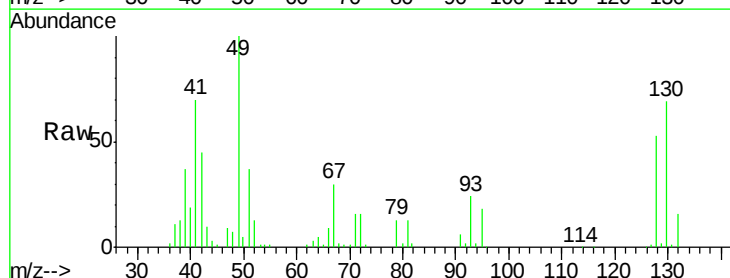
Tgt Ion: 49 Resp: 188931

Ion Ratio Lower Upper

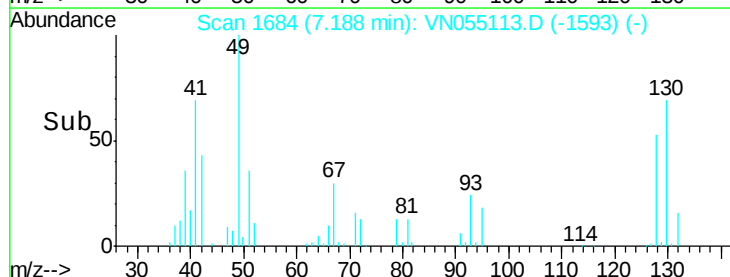
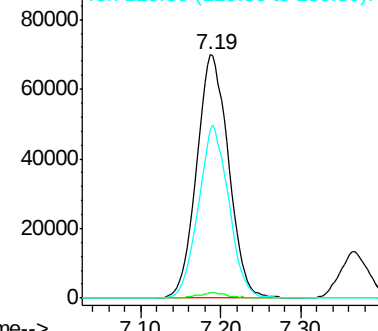
49 100

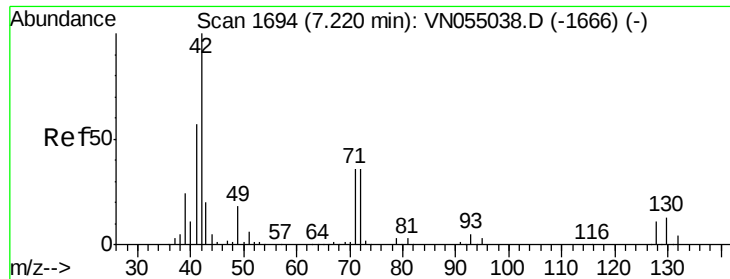
129 2.0 0.0 2.0

130 67.3 53.4 80.2



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

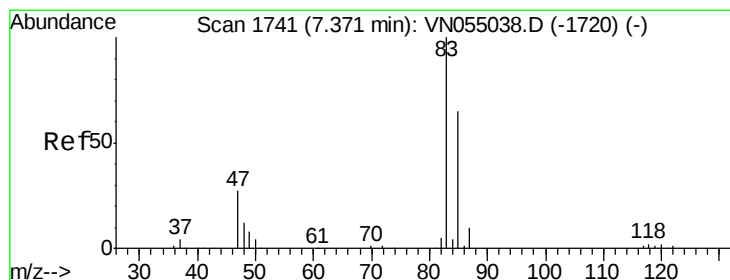
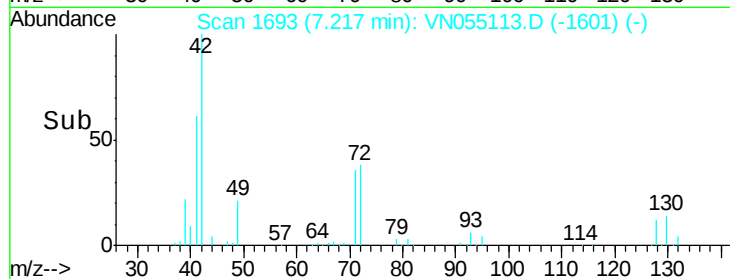
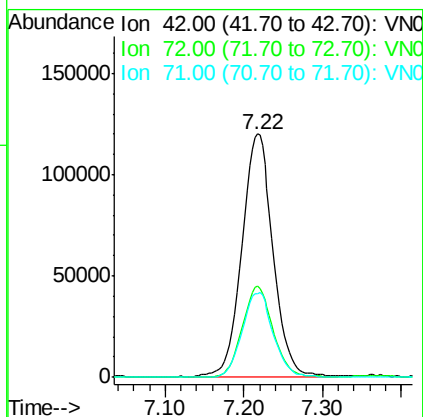
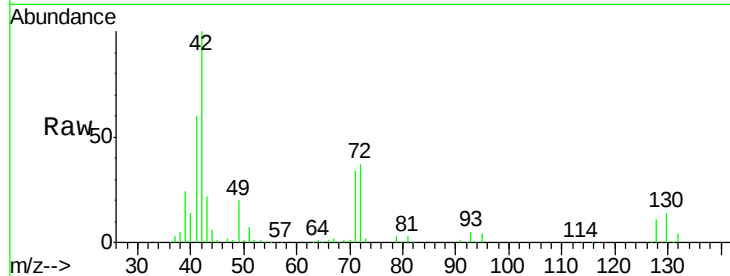




#29
Tetrahydrofuran
Concen: 230.456 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

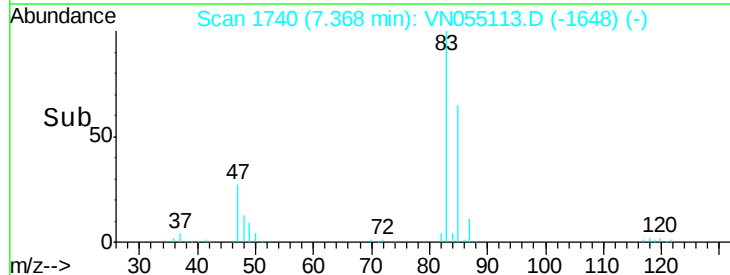
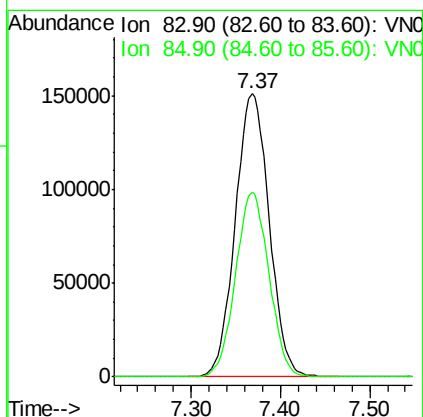
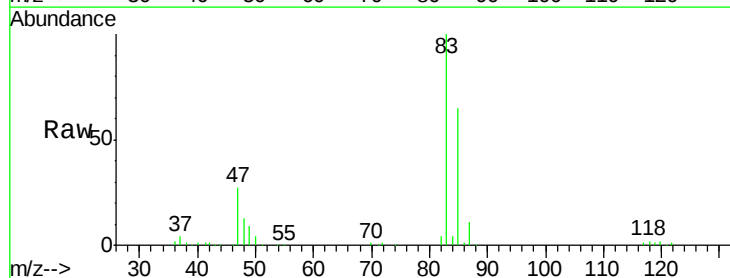
Instrument :
MSVOA_N
ClientSampled :

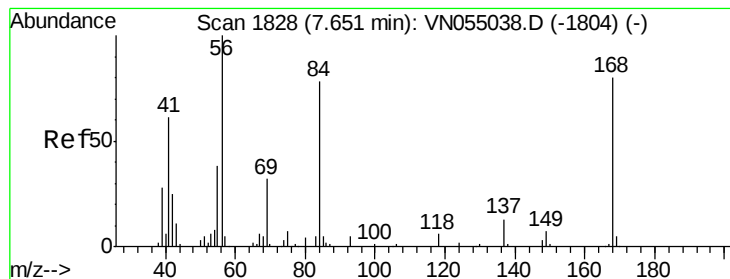
Tot Ion: 42 Resp: 332737
Ion Ratio Lower Upper
42 100
72 37.3 29.4 44.0
71 35.2 27.8 41.6



#30
Chloroform
Concen: 47.154 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 83 Resp: 398323
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.6





#31

Cyclohexane

Concen: 48.441 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampled :

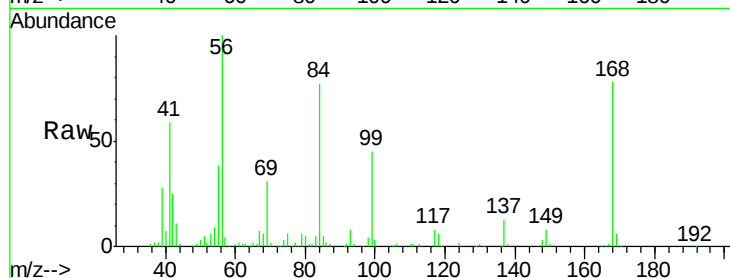
Tot Ion: 56 Resp: 372738

Ion Ratio Lower Upper

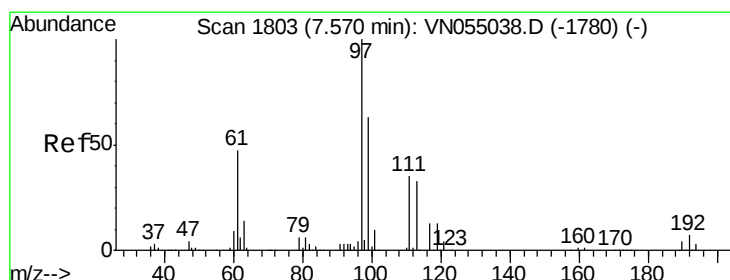
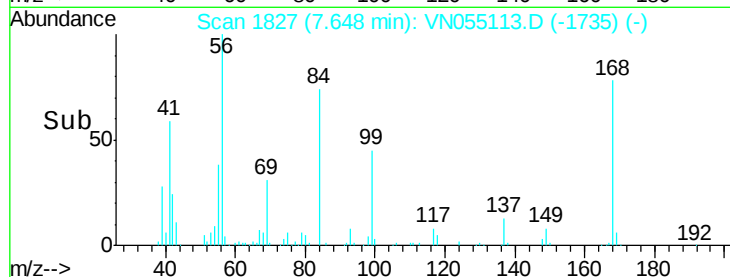
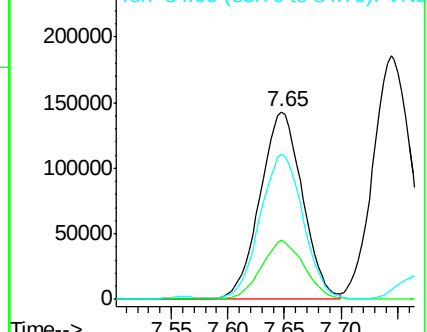
56 100

69 31.4 24.5 36.7

84 76.1 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: 47.757 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

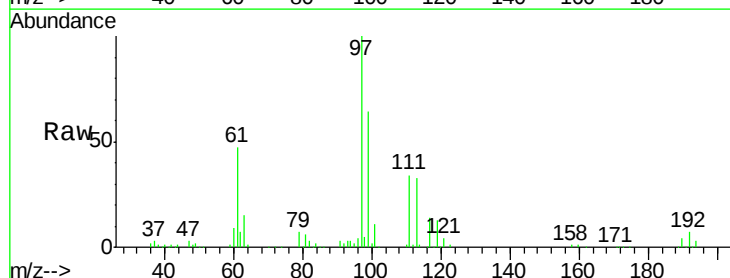
Tgt Ion: 97 Resp: 319618

Ion Ratio Lower Upper

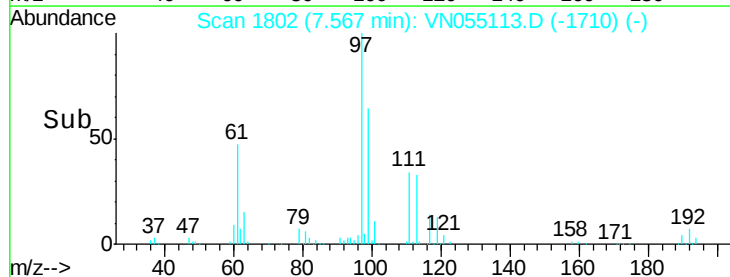
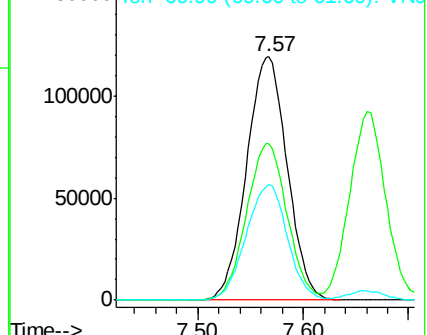
97 100

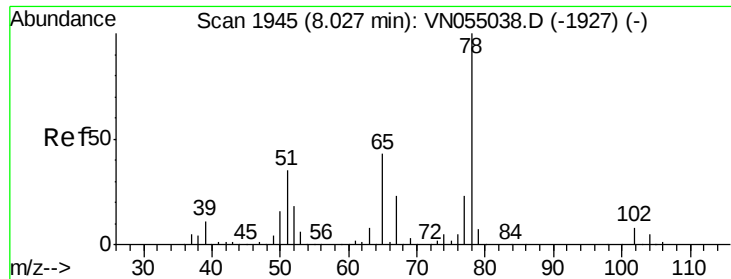
99 64.2 51.6 77.4

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: 45.286 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

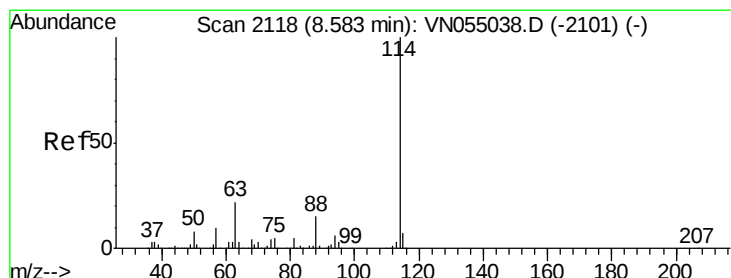
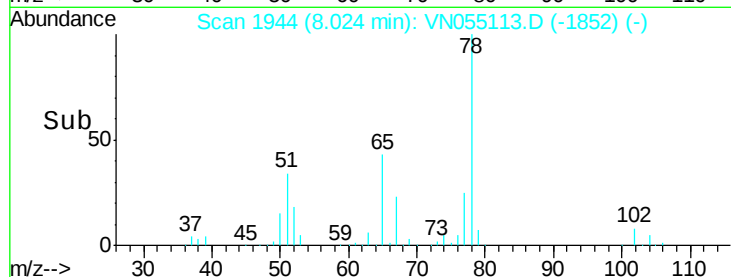
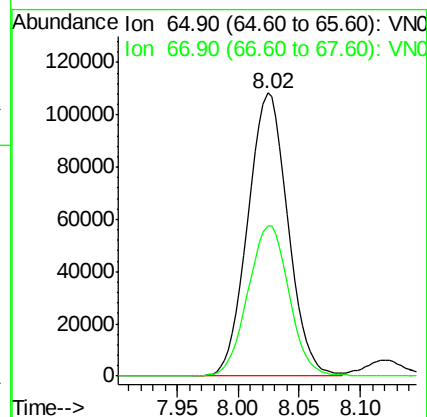
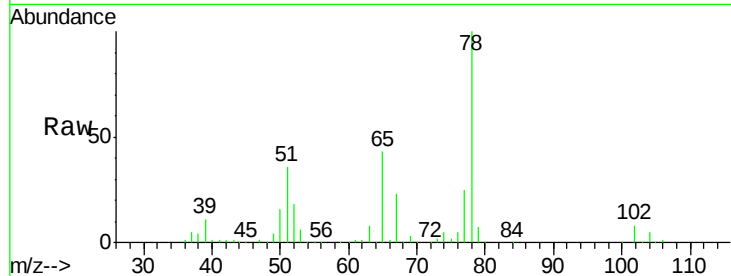
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 246140

Ion Ratio Lower Upper

65 100

67 54.7 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

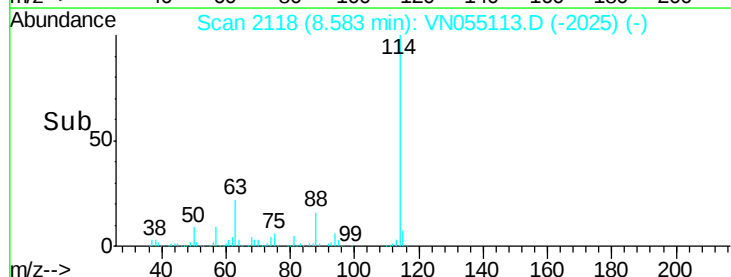
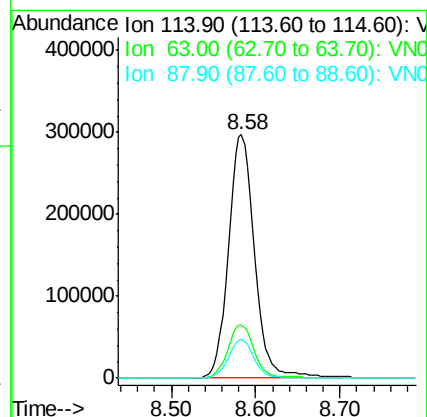
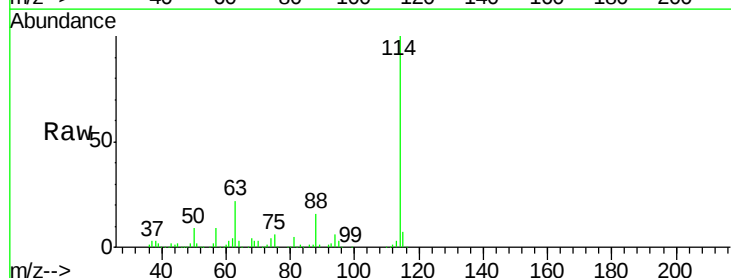
Tgt Ion: 114 Resp: 637380

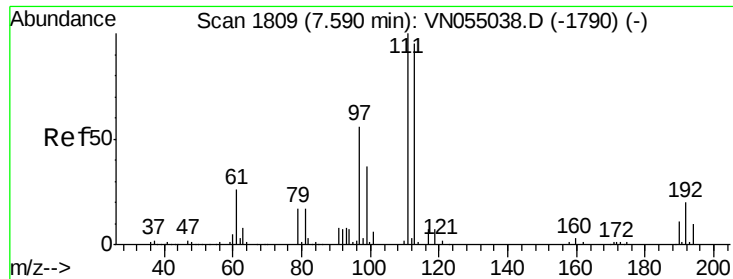
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

88 15.7 0.0 31.8

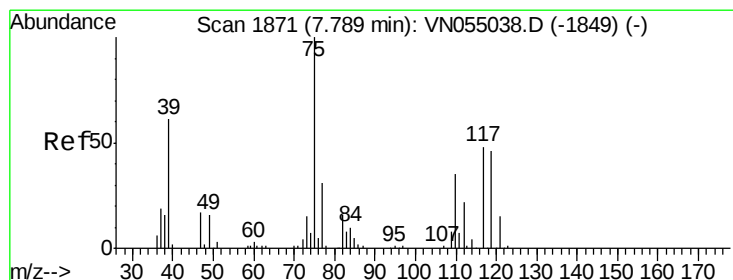
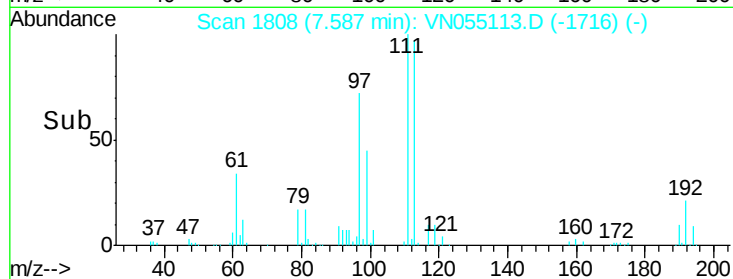
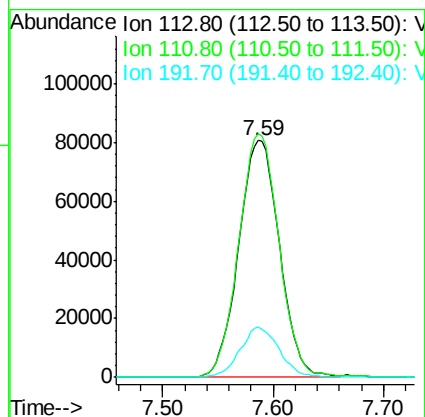
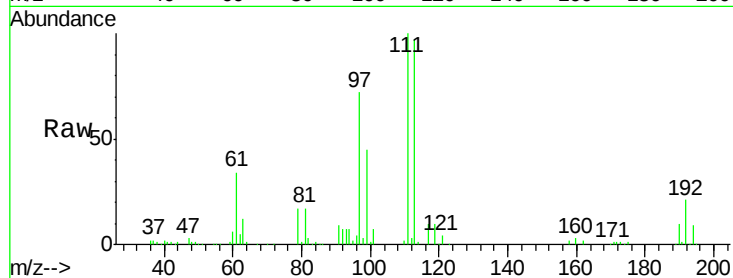




#35
 Dibromofluoromethane
 Concen: 48.579 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

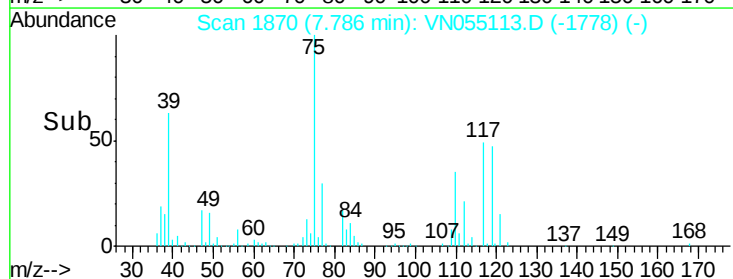
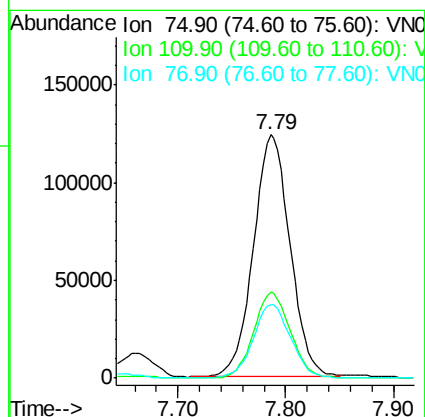
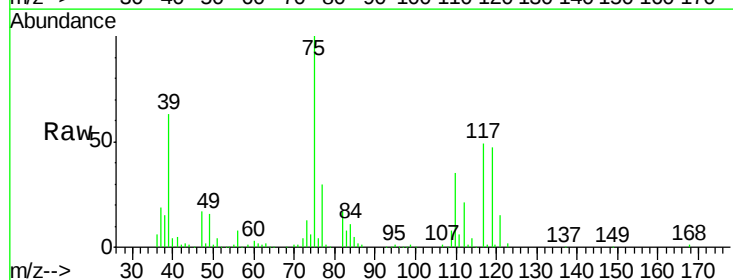
Instrument :
 MSVOA_N
 ClientSampleId :

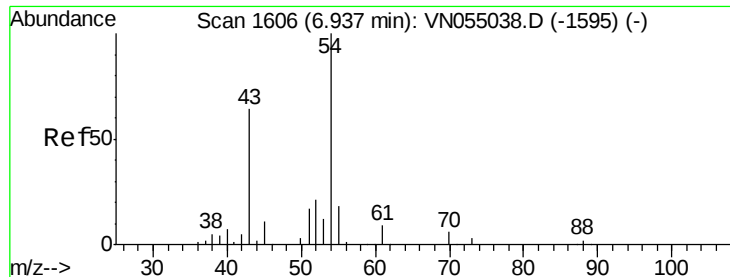
Tot Ion:113 Resp: 206928
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.1 123.1
 192 20.2 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 48.649 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion: 75 Resp: 292310
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.5 52.5
 77 30.8 24.9 37.3

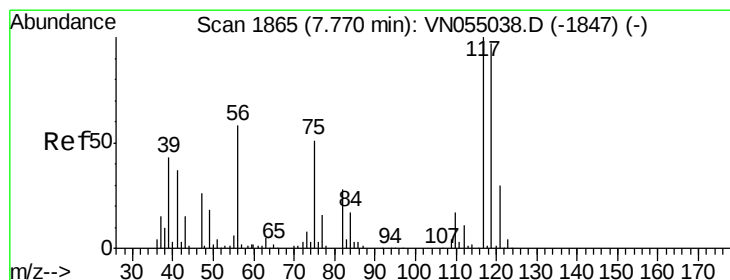
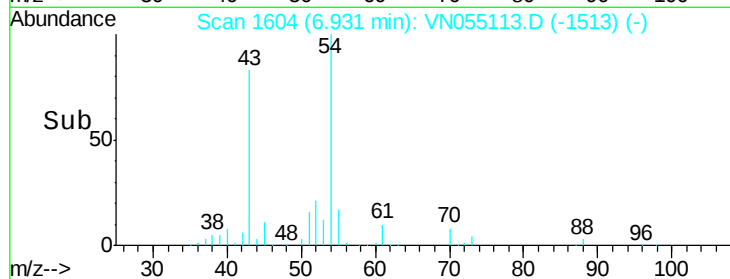
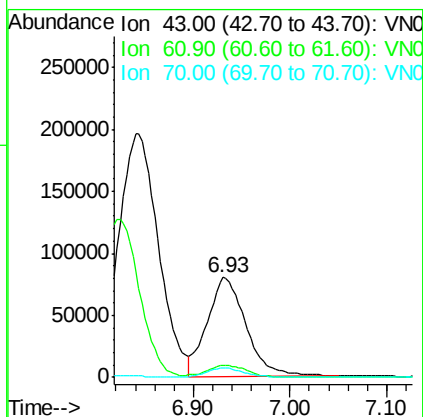
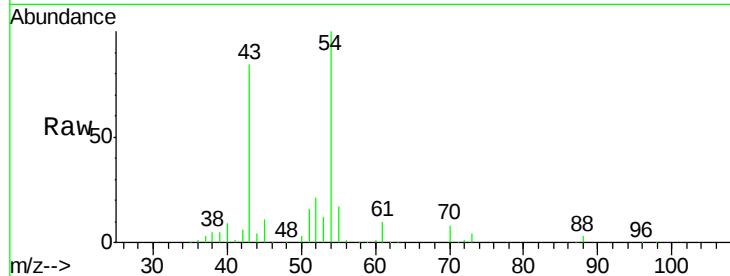




#37
Ethyl Acetate
Concen: 45.529 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

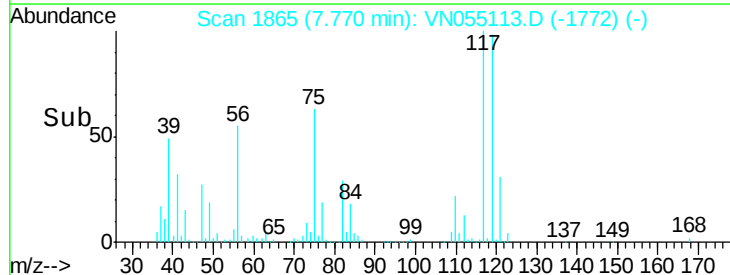
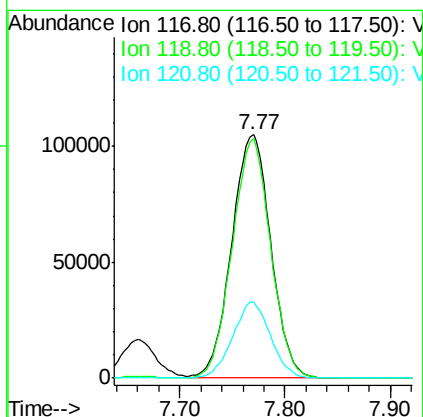
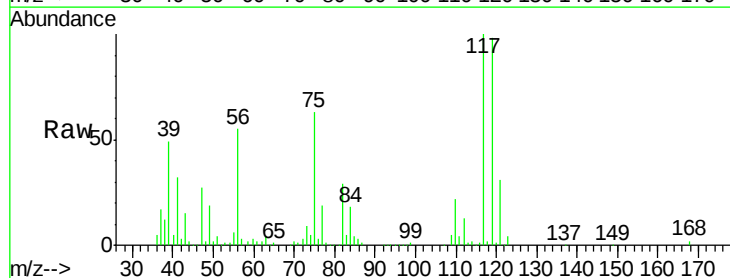
Instrument :
MSVOA_N
ClientSampled :

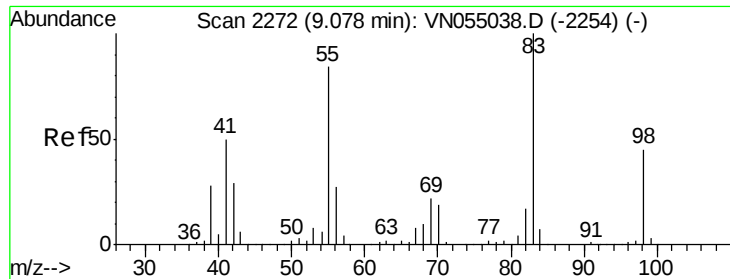
Tot Ion: 43 Resp: 222709
Ion Ratio Lower Upper
43 100
61 13.0 10.0 15.0
70 9.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 47.184 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 117 Resp: 269731
Ion Ratio Lower Upper
117 100
119 98.5 76.3 114.5
121 31.3 23.9 35.9

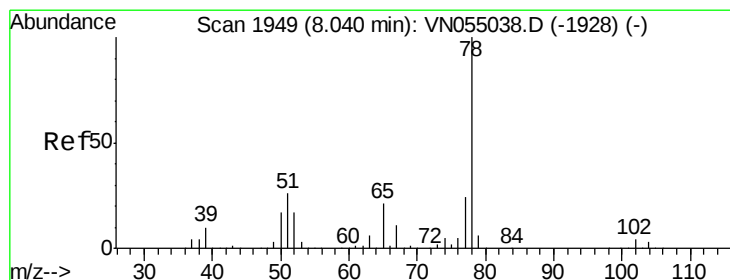
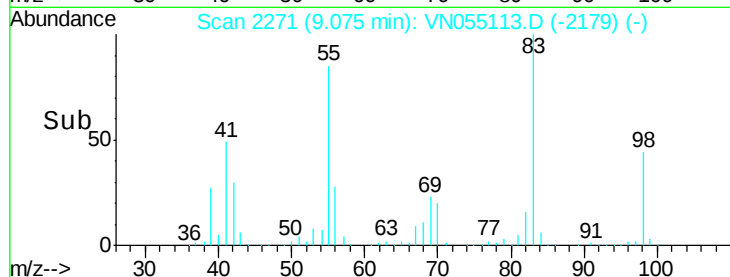
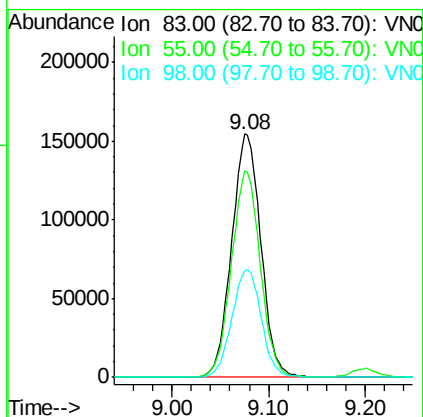
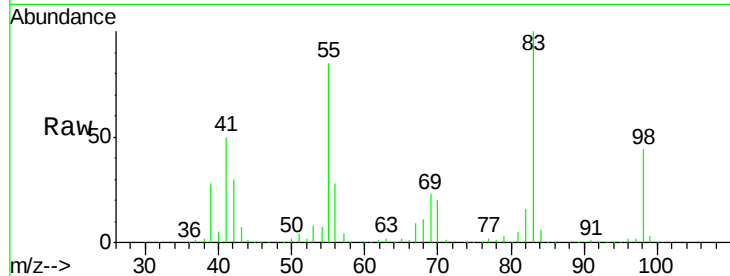




#39
Methvlcvclohexane
Concen: 49.808 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

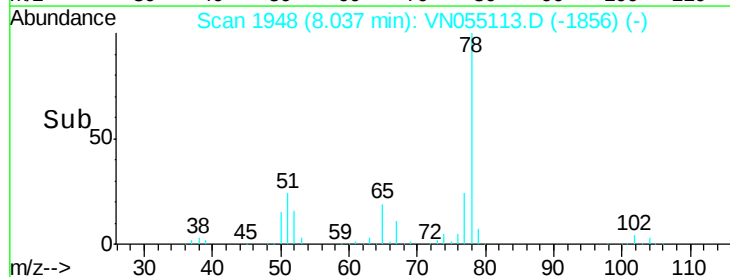
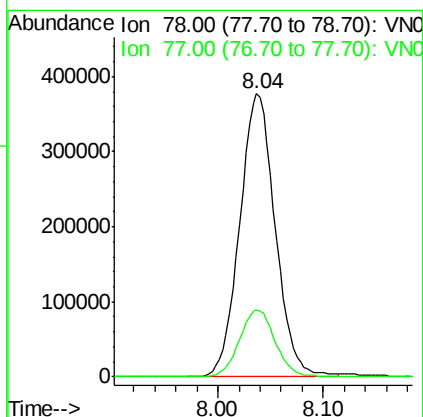
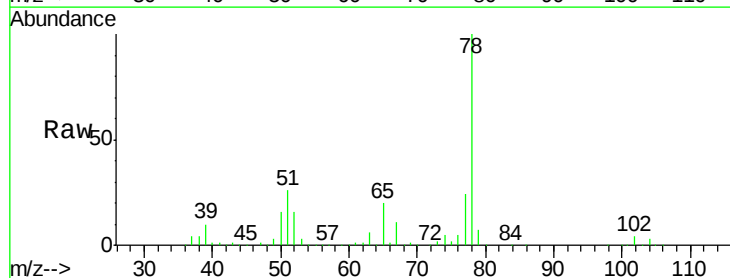
Instrument :
MSVOA_N
ClientSampled :

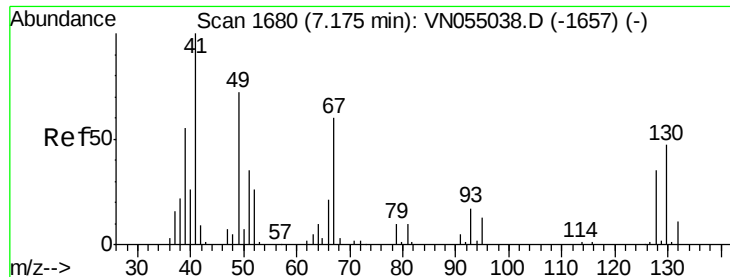
Tot Ion: 83 Resp: 324300
Ion Ratio Lower Upper
83 100
55 84.8 67.0 100.4
98 43.9 35.6 53.4



#40
Benzene
Concen: 48.756 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 78 Resp: 882919
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

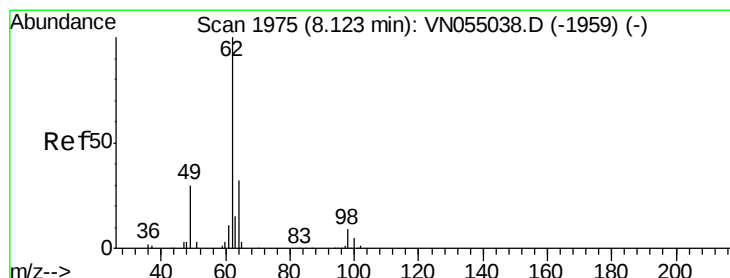
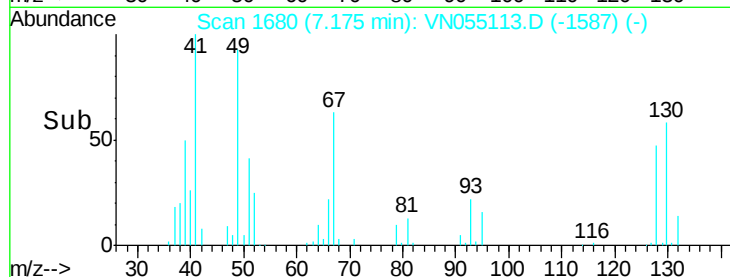
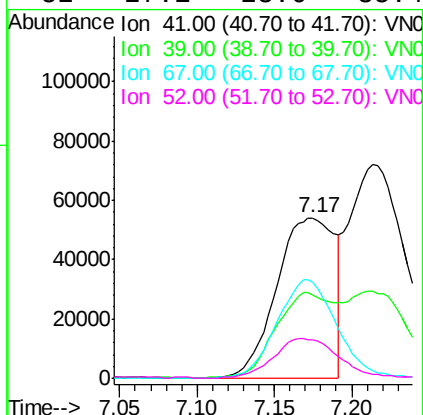
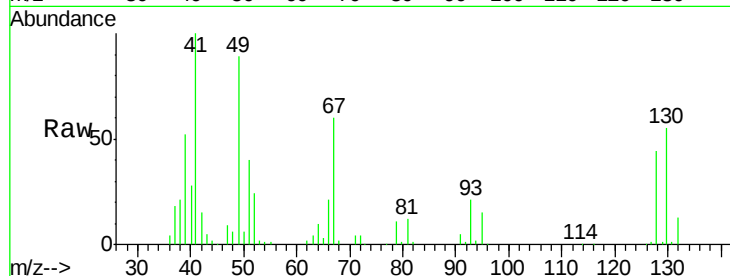




#41
Methacrylonitrile
Concen: 52.054 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

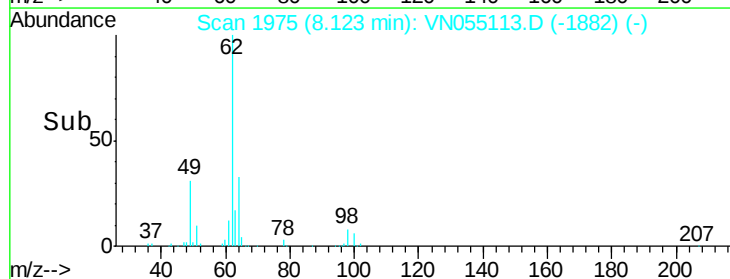
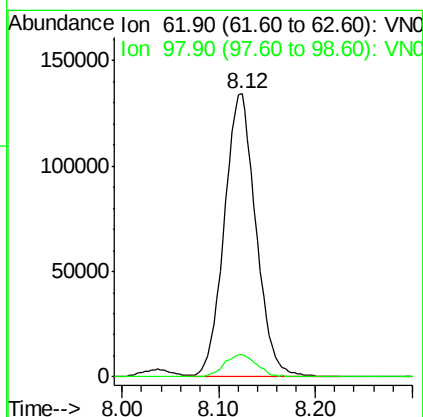
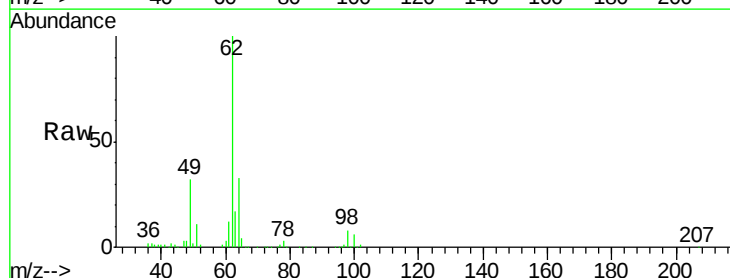
Instrument :
MSVOA_N
ClientSampled :

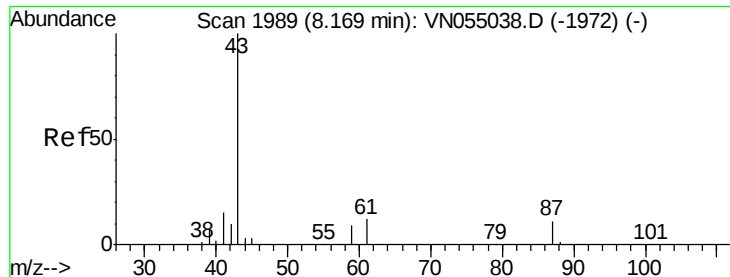
Tot Ion:	41	Resp:	141344
Ion	Ratio	Lower	Upper
41	100		
39	53.1	45.6	68.4
67	63.3	57.0	85.6
52	27.1	23.6	35.4



#42
1,2-Dichloroethane
Concen: 48.378 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion:	62	Resp:	304170
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4





#43

Isopropyl Acetate

Concen: 49.009 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

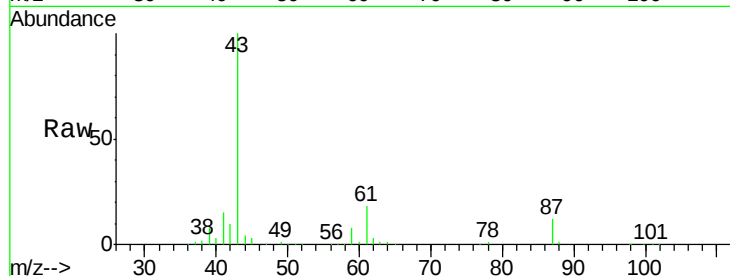
Tot Ion: 43 Resp: 369394

Ion Ratio Lower Upper

43 100

61 18.6 14.3 21.5

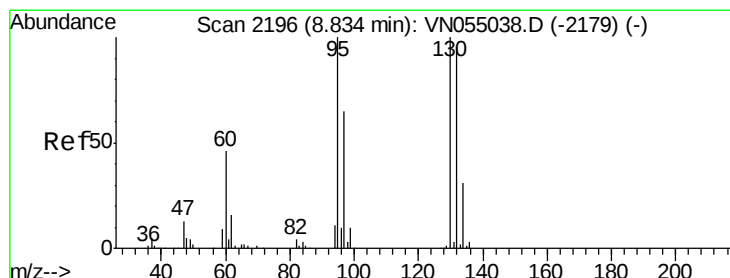
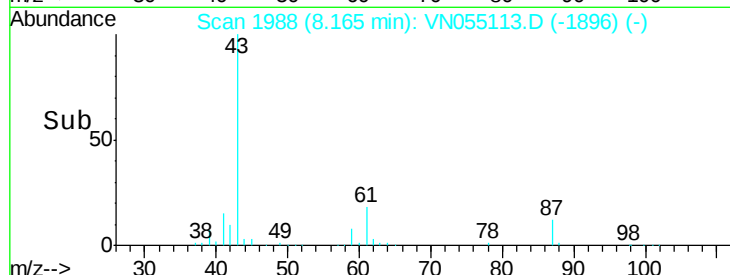
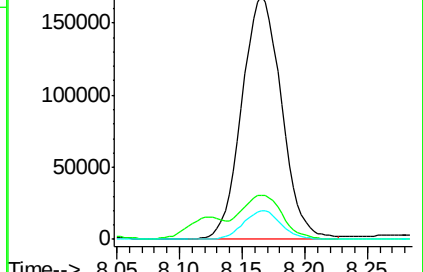
87 11.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055113.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN055113.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN055113.D (-1988) (-)



#44

Trichloroethene

Concen: 49.949 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN055113.D

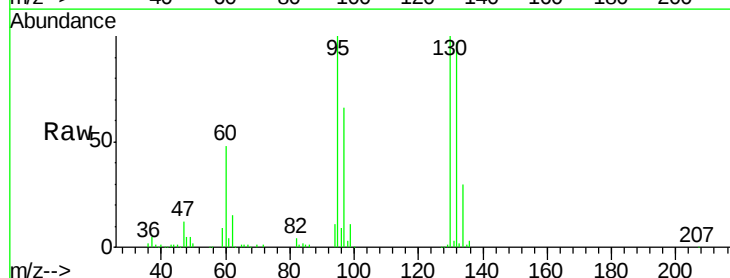
Acq: 18 Apr 2019 9:16

Tgt Ion:130 Resp: 226559

Ion Ratio Lower Upper

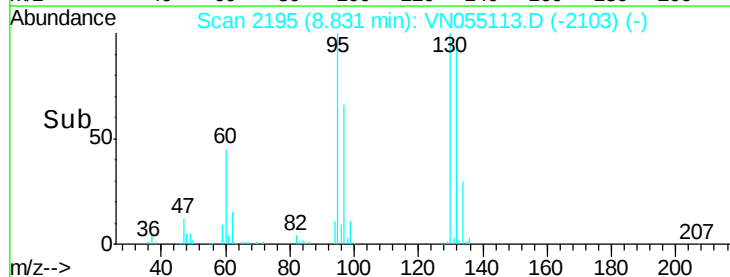
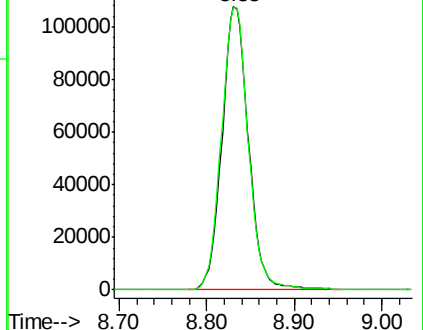
130 100

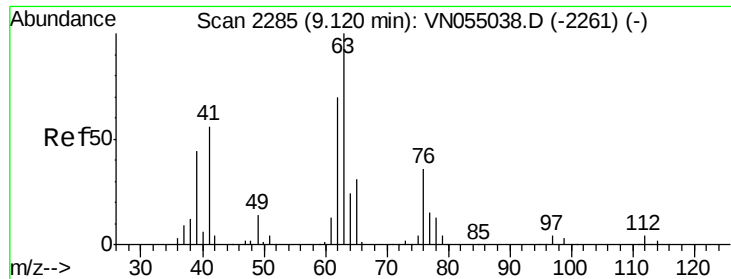
95 99.8 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN055113.D (-2195) (-)

Ion 94.90 (94.60 to 95.60): VN055113.D (-2195) (-)





#45

1,2-Dichloropropane

Concen: 50.000 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

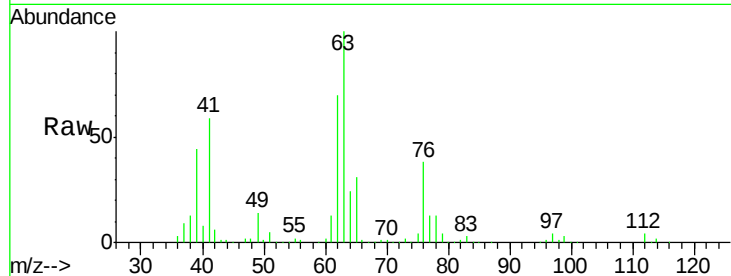
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 252515

Ion Ratio Lower Upper

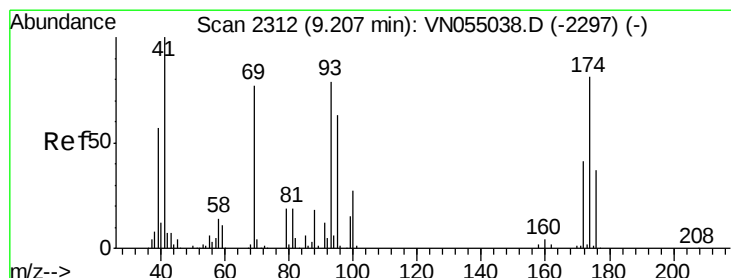
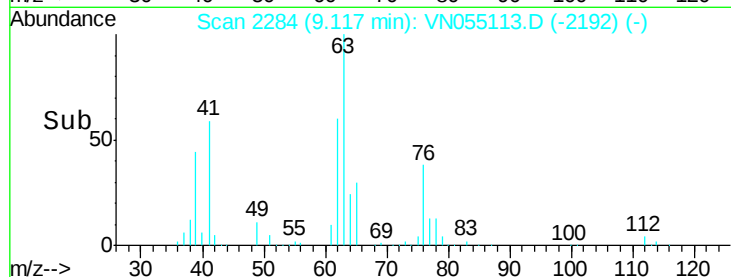
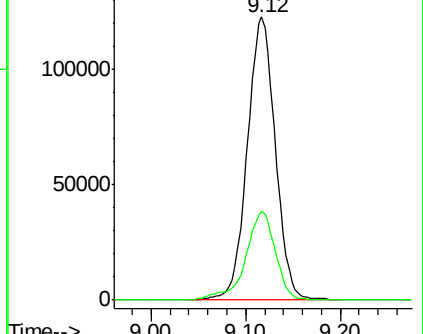
63 100

65 31.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.529 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

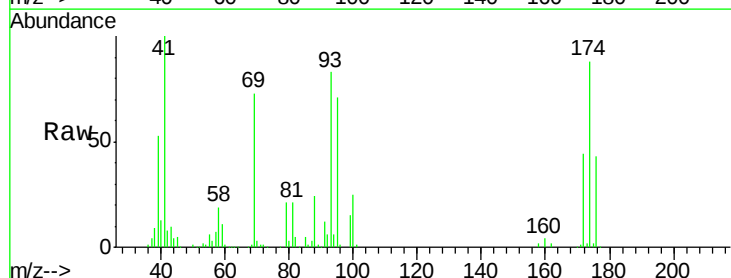
Tgt Ion: 93 Resp: 142377

Ion Ratio Lower Upper

93 100

95 84.0 65.0 97.6

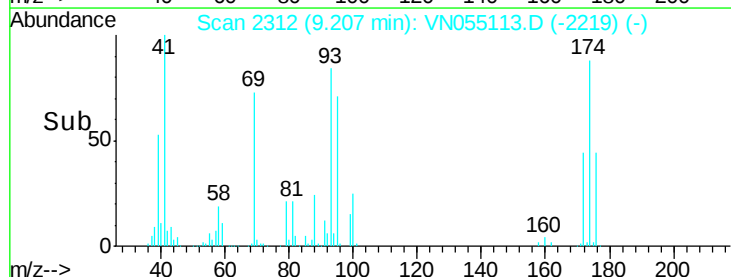
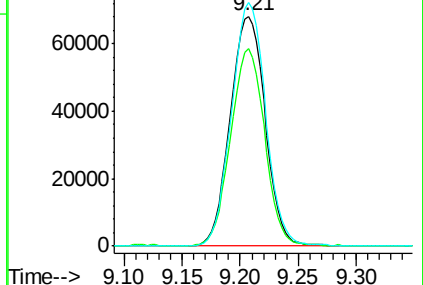
174 103.7 81.0 121.6

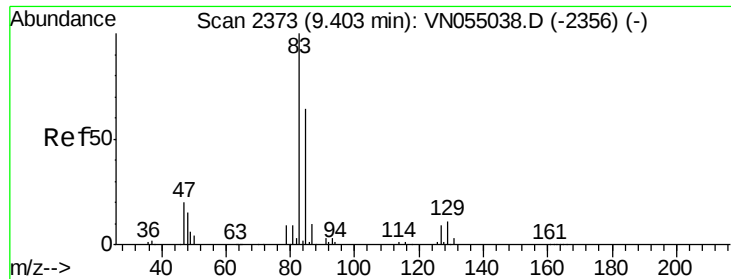


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

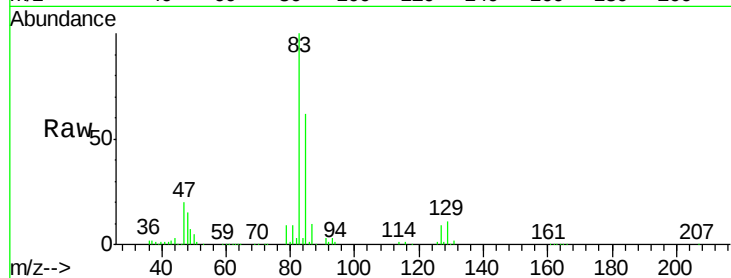




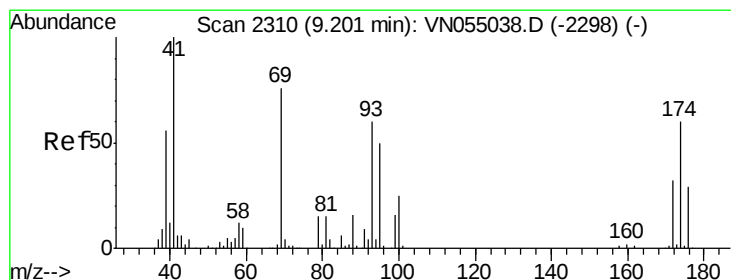
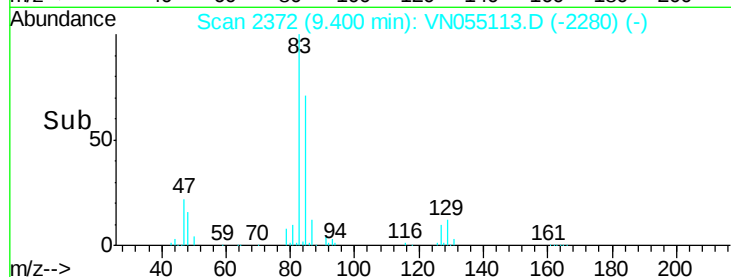
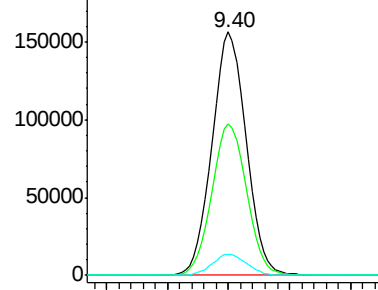
#47
Bromodichloromethane
Concen: 50.980 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 302138
Ion Ratio Lower Upper
83 100
85 62.2 51.2 76.8
127 8.8 6.8 10.2

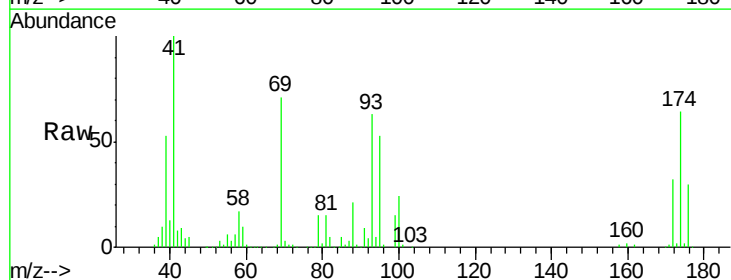


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

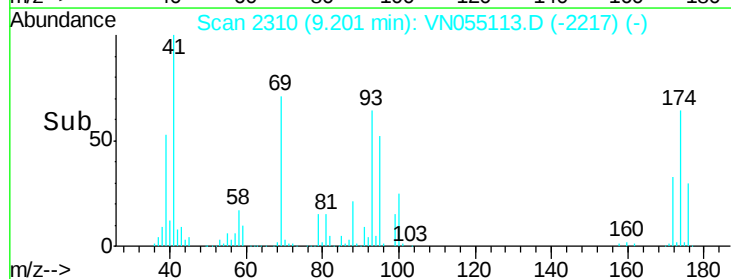
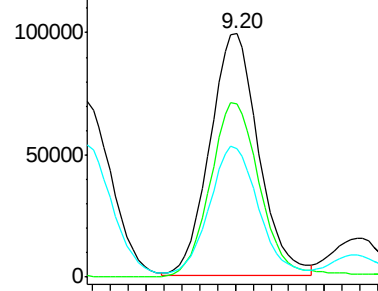


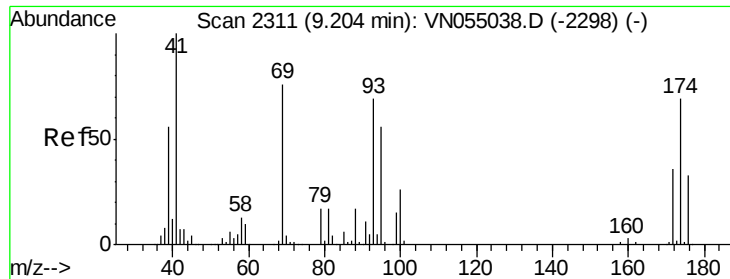
#48
Methyl methacrylate
Concen: 50.446 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 41 Resp: 188463
Ion Ratio Lower Upper
41 100
69 75.2 60.5 90.7
39 54.6 43.9 65.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

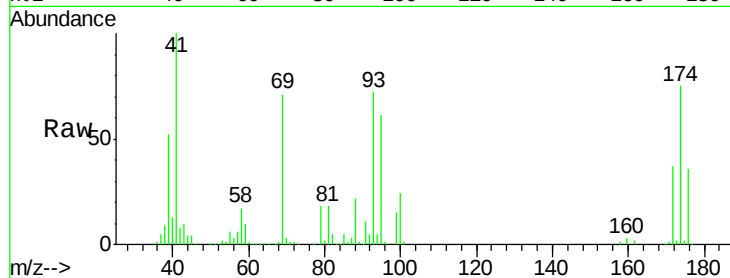




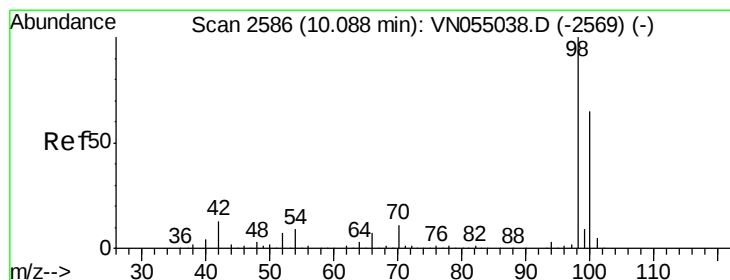
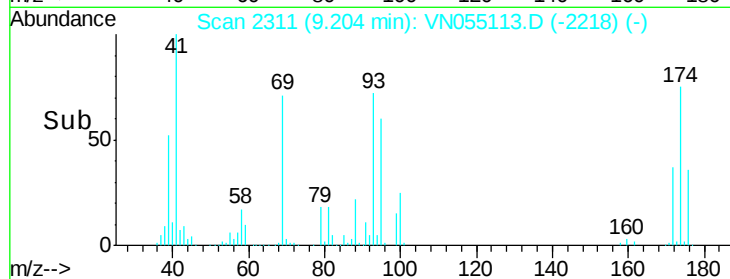
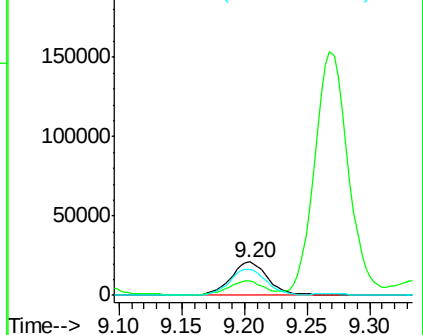
#49
 1,4-Dioxane
 Concen: 1240.018 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 43402
 Ion Ratio Lower Upper
 88 100
 43 38.3 31.8 47.8
 58 76.4 61.6 92.4

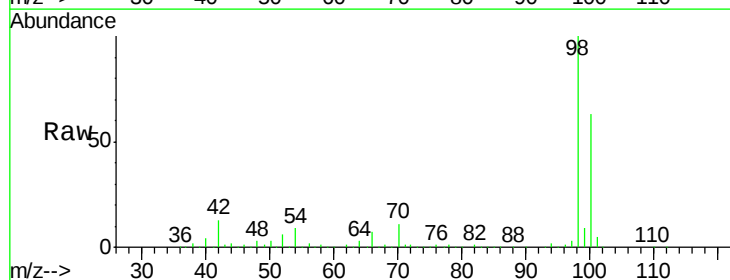


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

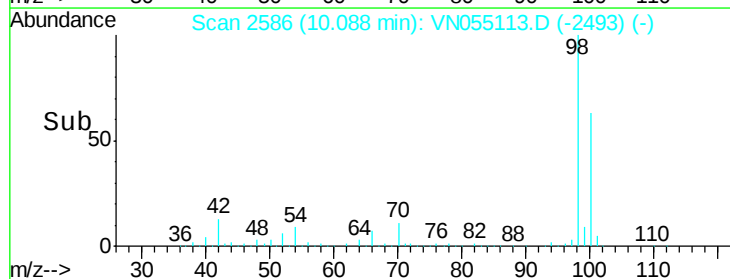
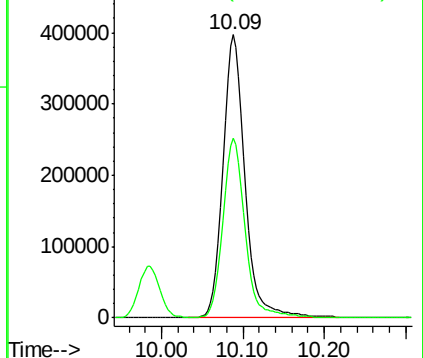


#50
 Toluene-d8
 Concen: 50.001 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion: 98 Resp: 762294
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 253.539 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

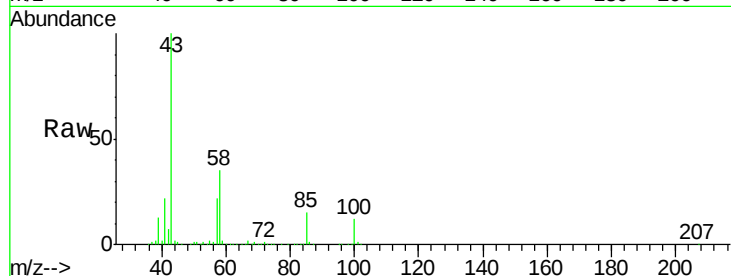
ClientSampleId :

Tot Ion: 43 Resp: 1104034

Ion Ratio Lower Upper

43 100

58 35.4 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) (-)

9.98

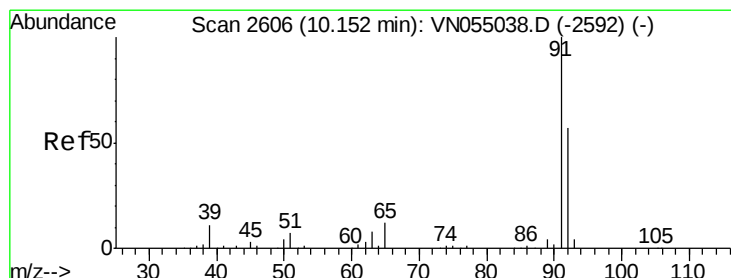
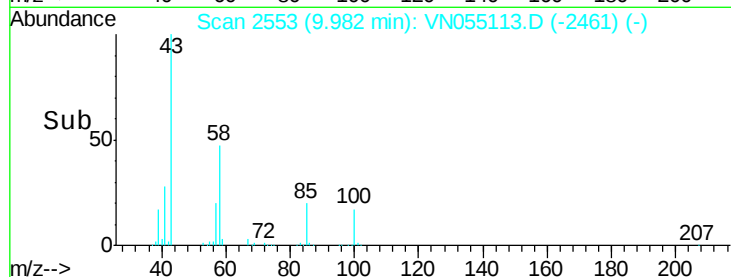
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.443 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN055113.D

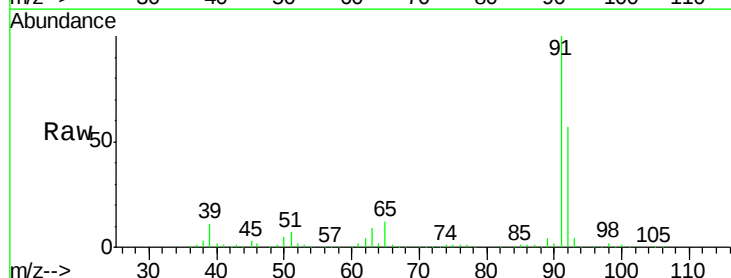
Acq: 18 Apr 2019 9:16

Tgt Ion: 92 Resp: 533552

Ion Ratio Lower Upper

92 100

91 176.6 140.8 211.2



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

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

10.15

500000

400000

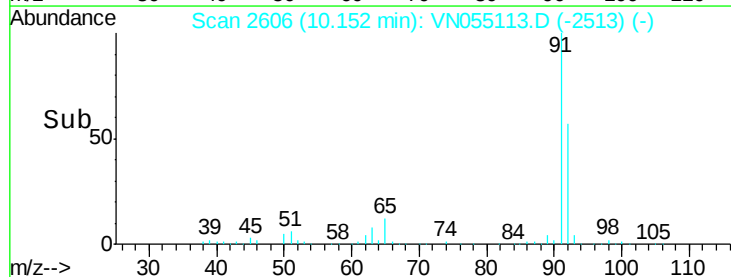
300000

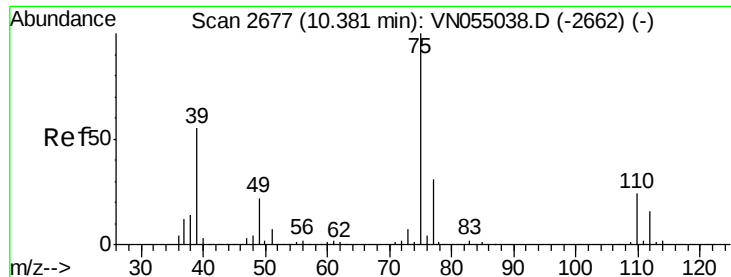
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.891 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

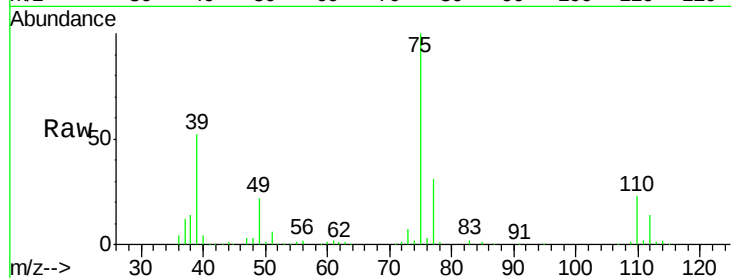
ClientSampleId :

Tot Ion: 75 Resp: 284296

Ion Ratio Lower Upper

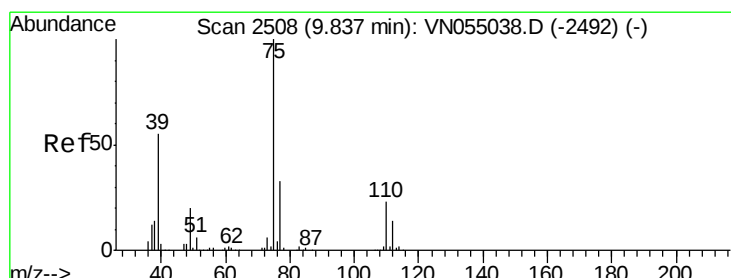
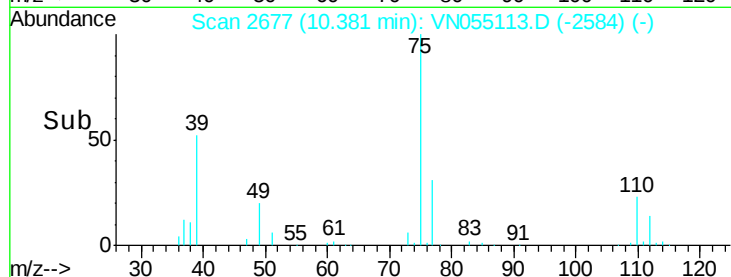
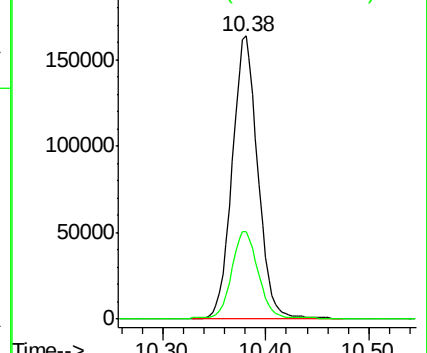
75 100

77 30.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.839 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

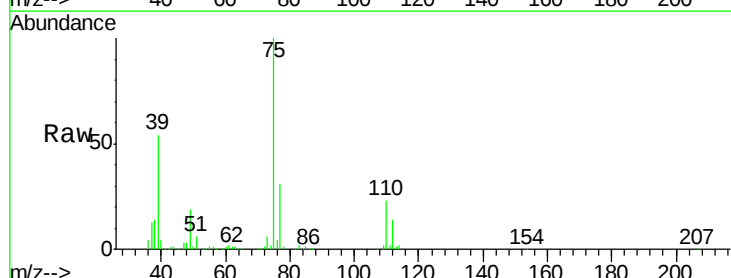
Tgt Ion: 75 Resp: 346092

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

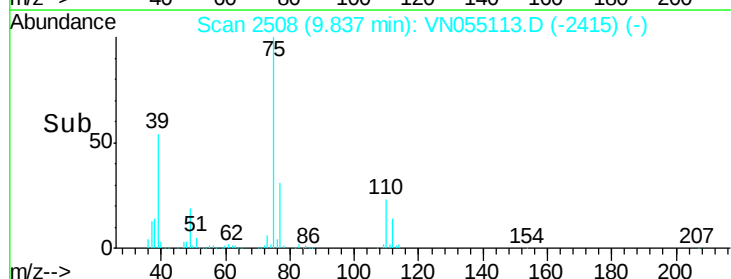
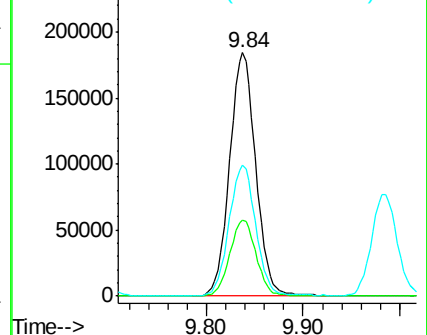
39 53.7 43.8 65.8

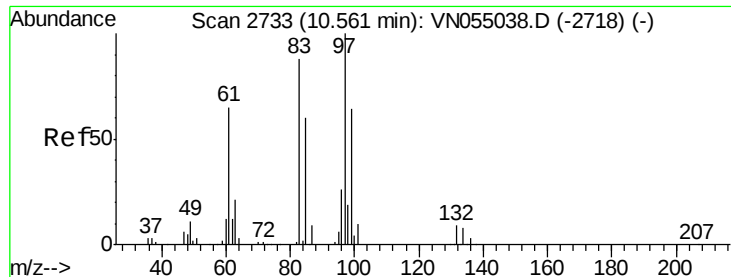


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

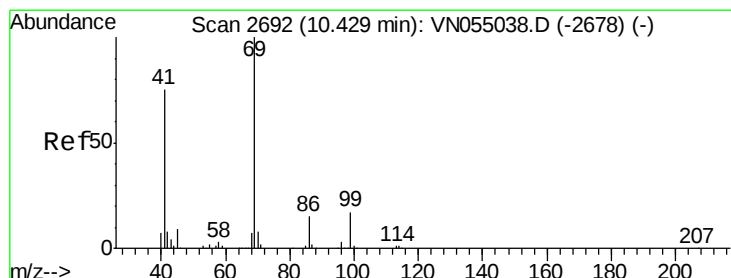
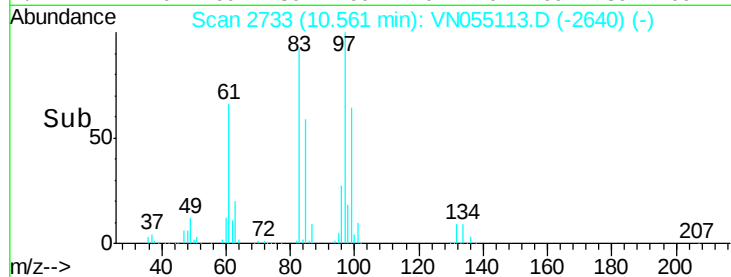
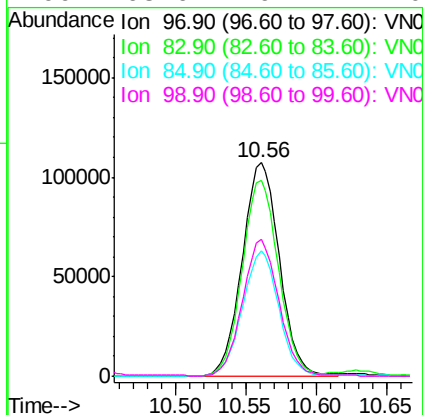
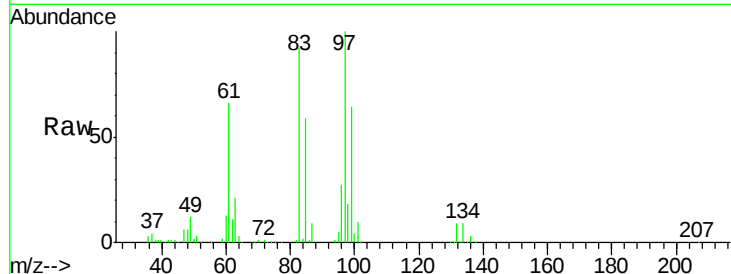




#55
 1,1,2-Trichloroethane
 Concen: 49.706 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

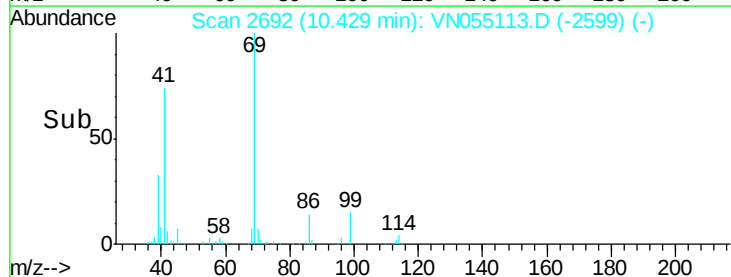
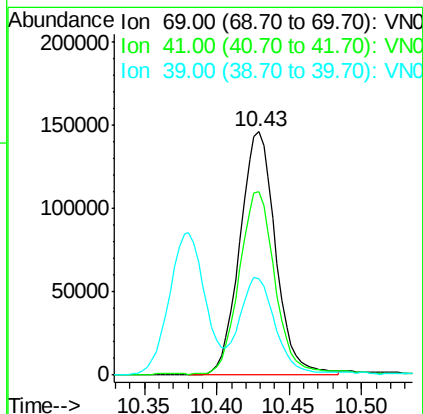
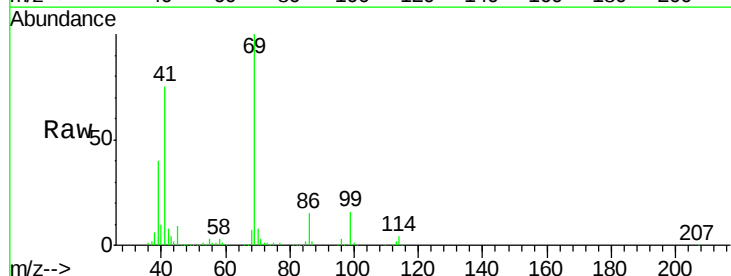
Instrument :
 MSVOA_N
 ClientSampleId :

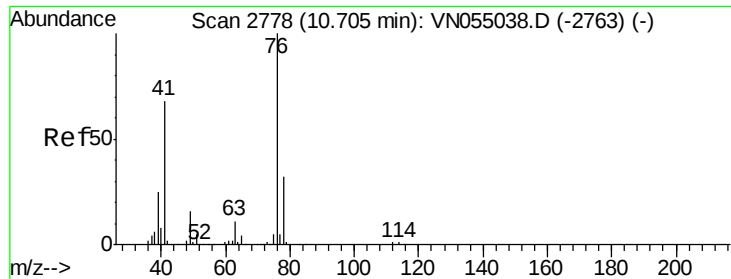
Tot Ion	97	Resp	198625
Ion	Ratio	Lower	Upper
97	100		
83	91.7	70.5	105.7
85	58.6	45.5	68.3
99	63.6	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 52.341 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion	69	Resp	251007
Ion	Ratio	Lower	Upper
69	100		
41	75.1	61.4	92.0
39	39.7	30.8	46.2





#57

1,3-Dichloropropane

Concen: 50.394 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

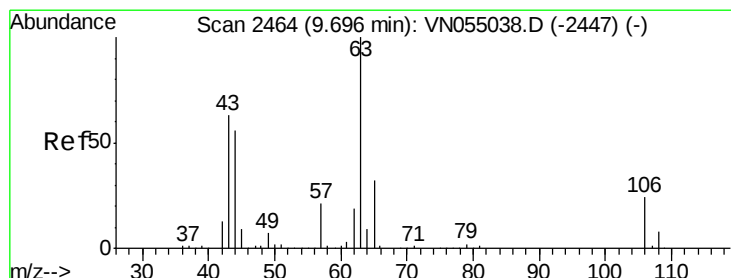
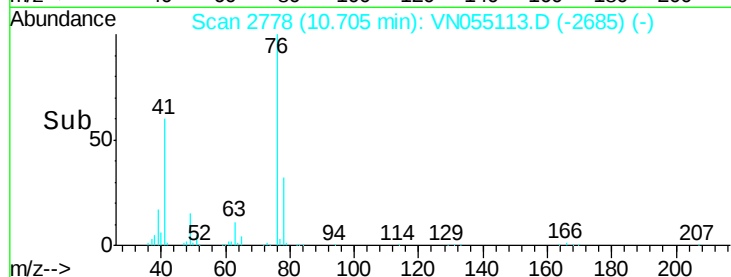
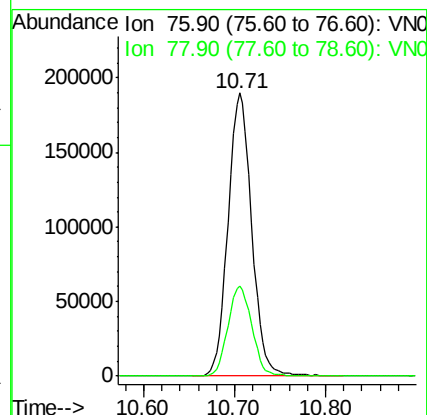
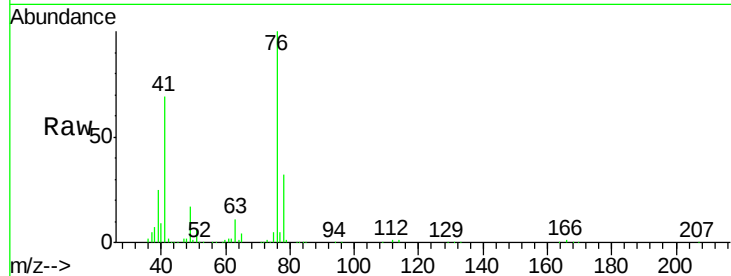
ClientSampleId :

Tot Ion: 76 Resp: 342857

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 228.016 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055113.D

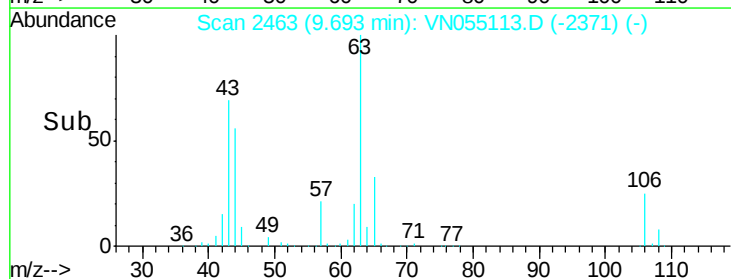
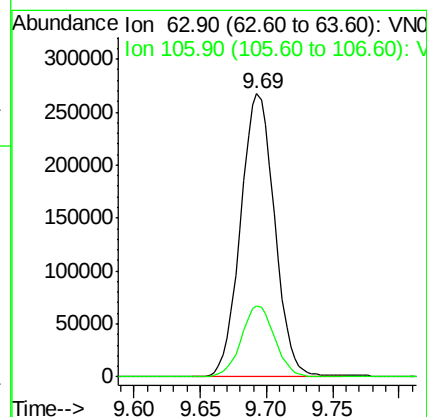
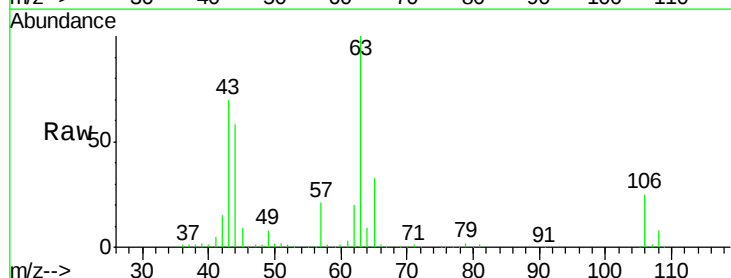
Acq: 18 Apr 2019 9:16

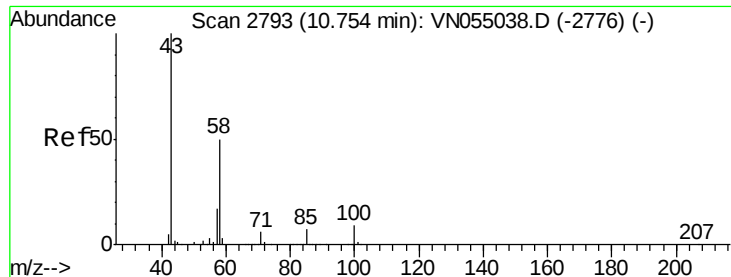
Tgt Ion: 63 Resp: 478206

Ion Ratio Lower Upper

63 100

106 24.6 20.0 30.0

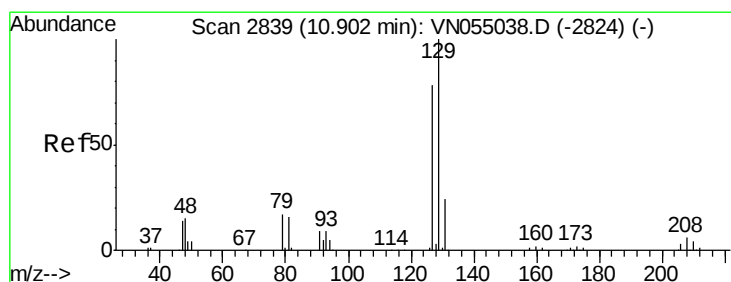
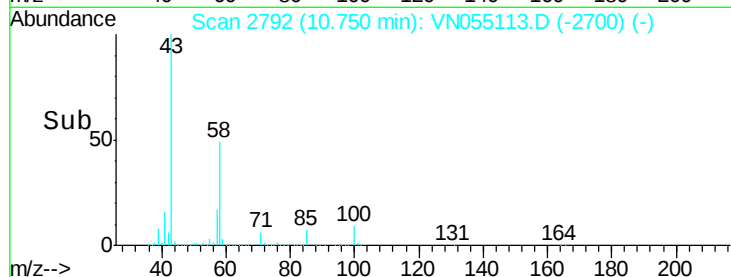
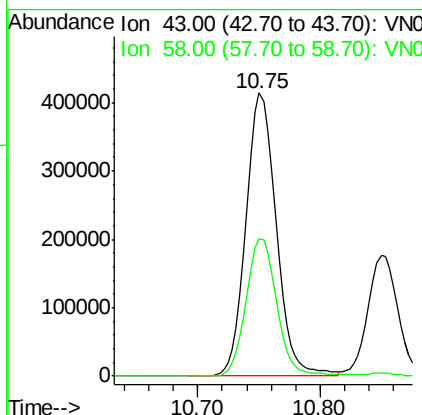
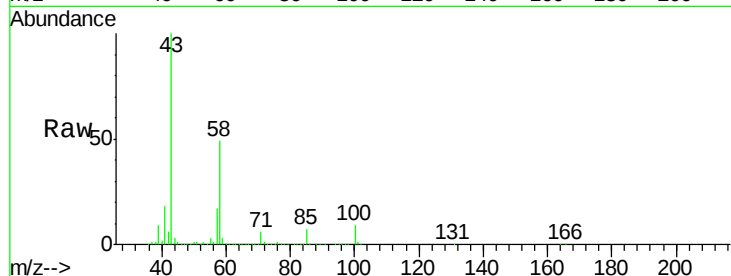




#59
2-Hexanone
Concen: 258.054 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

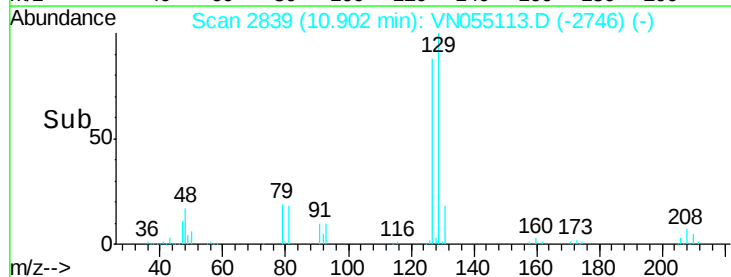
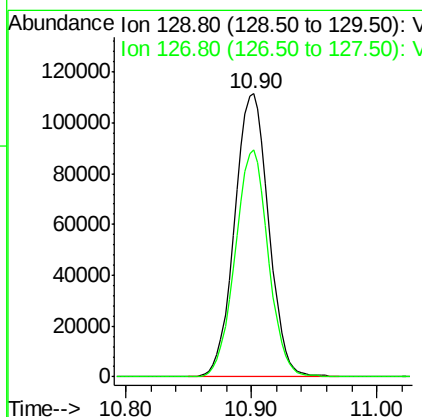
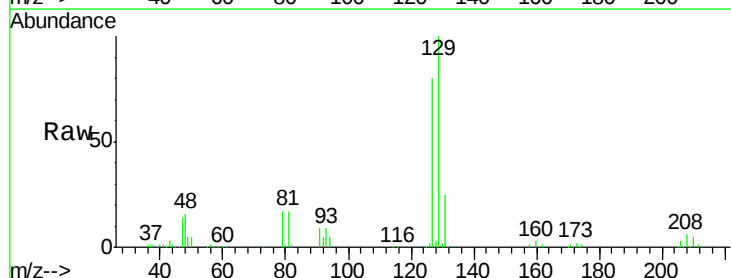
Instrument :
MSVOA_N
ClientSampleId :

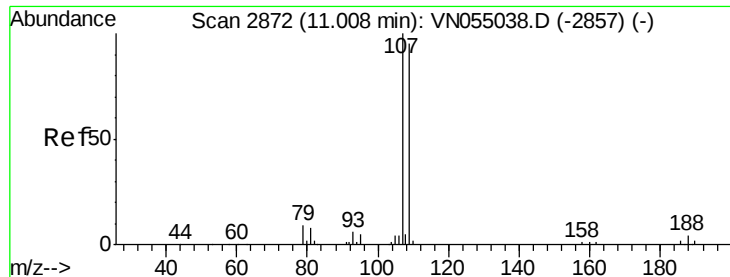
Tot Ion: 43 Resp: 705786
Ion Ratio Lower Upper
43 100
58 49.8 25.1 75.2



#60
Dibromochloromethane
Concen: 53.918 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 129 Resp: 210390
Ion Ratio Lower Upper
129 100
127 78.0 38.2 114.6

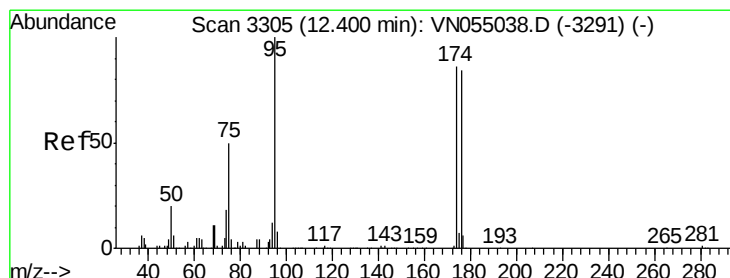
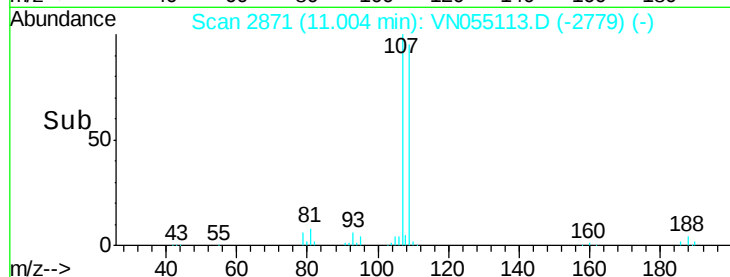
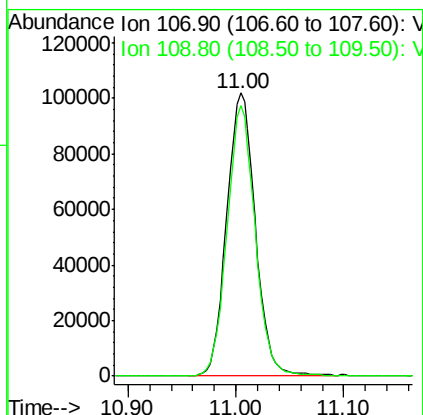
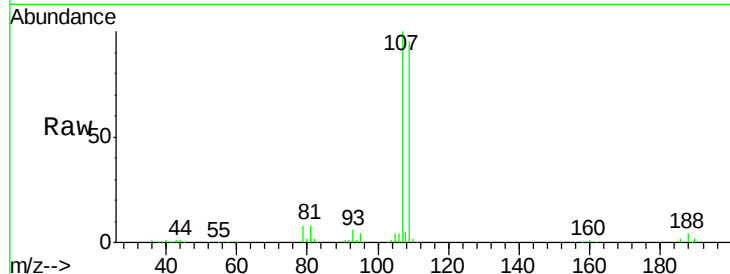




#61
 1,2-Dibromoethane
 Concen: 51.340 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

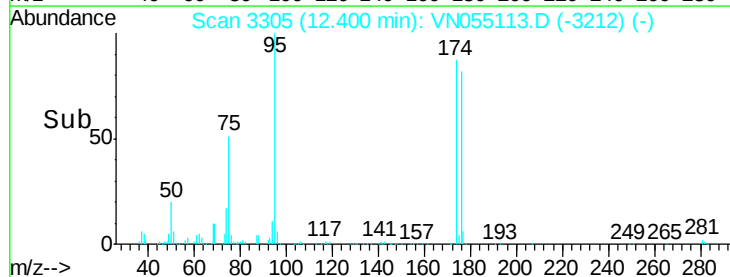
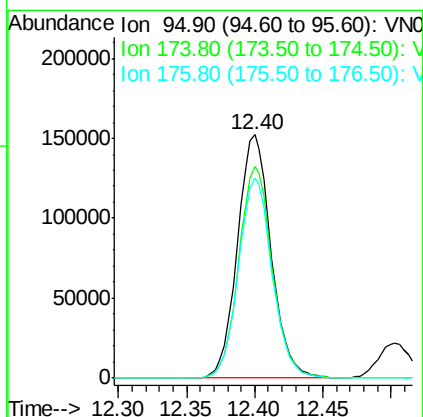
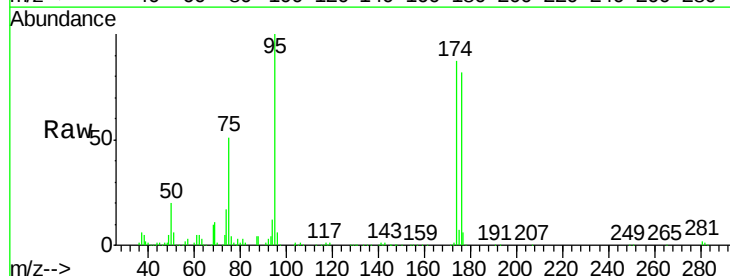
Instrument :
 MSVOA_N
 ClientSampled :

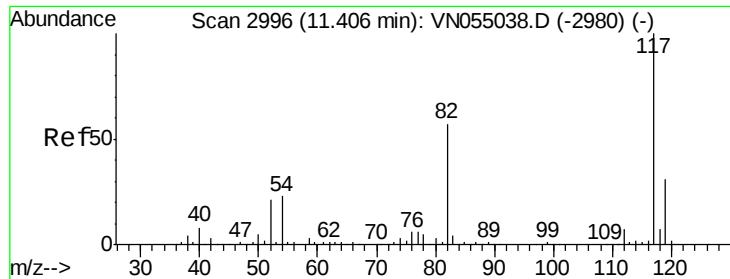
Tot Ion: 107 Resp: 188826
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 52.611 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion: 95 Resp: 260757
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 174.4
 176 82.4 0.0 166.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampled :

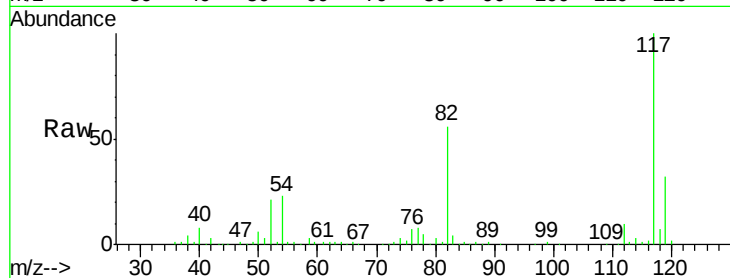
Tot Ion:117 Resp: 569122

Ion Ratio Lower Upper

117 100

82 56.2 44.6 66.8

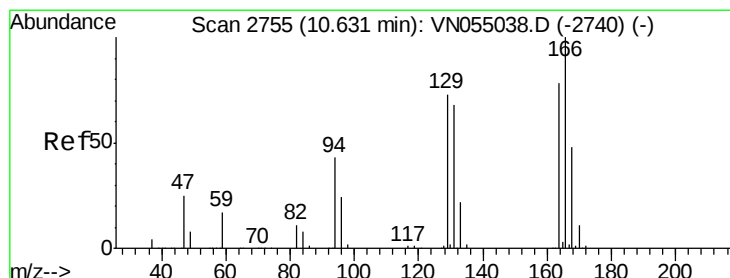
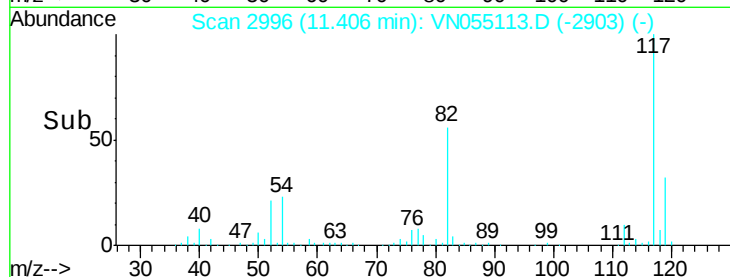
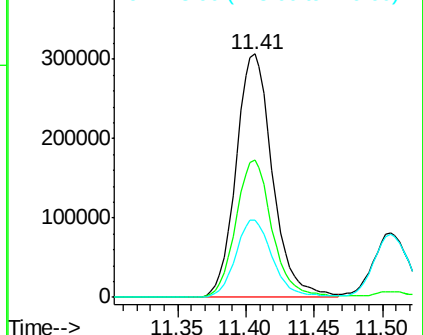
119 31.5 25.5 38.3



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: 48.053 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Tgt Ion:164 Resp: 222385

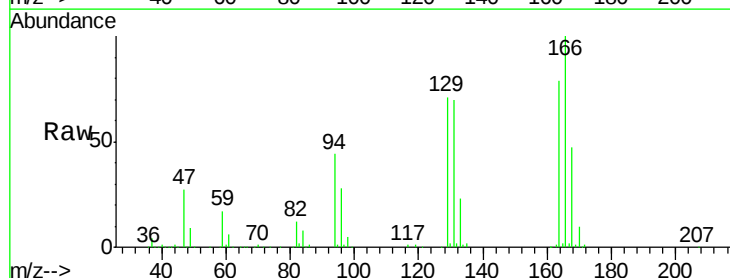
Ion Ratio Lower Upper

164 100

166 126.7 100.0 150.0

129 90.2 72.0 108.0

131 88.1 69.7 104.5

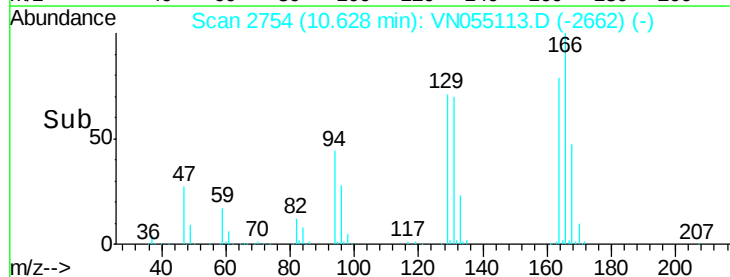
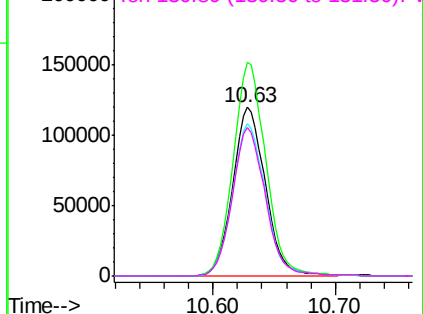


Abundance Ion 163.80 (163.50 to 164.50): V

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

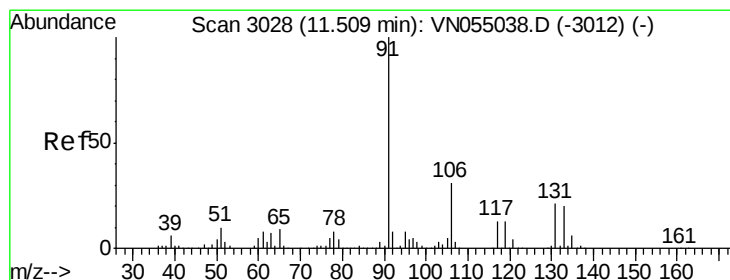
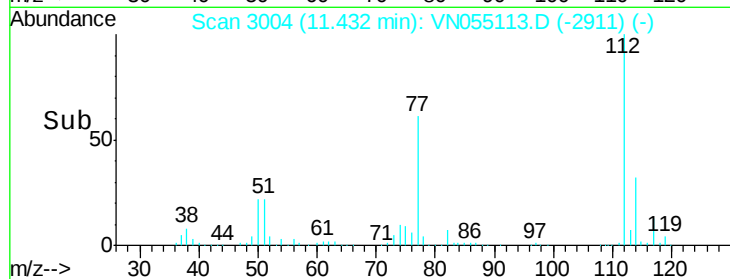
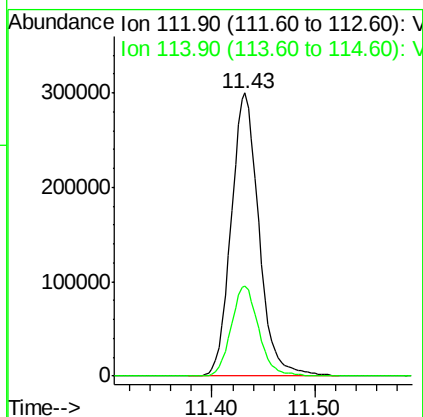
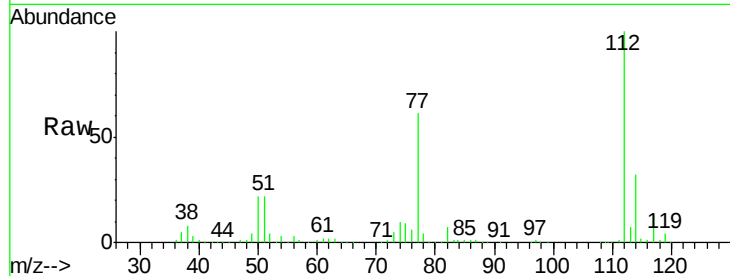




#65
Chlorobenzene
Concen: 49.160 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

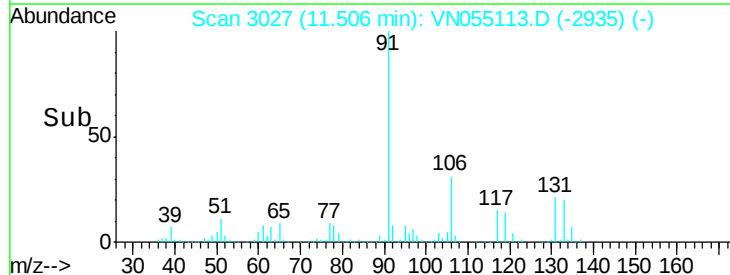
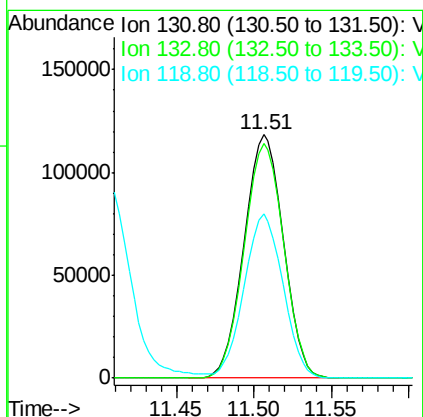
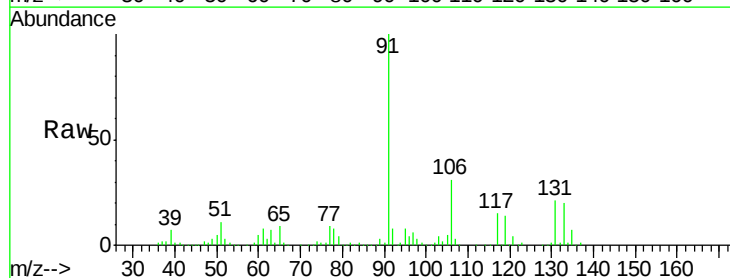
Instrument :
MSVOA_N
ClientSampleId :

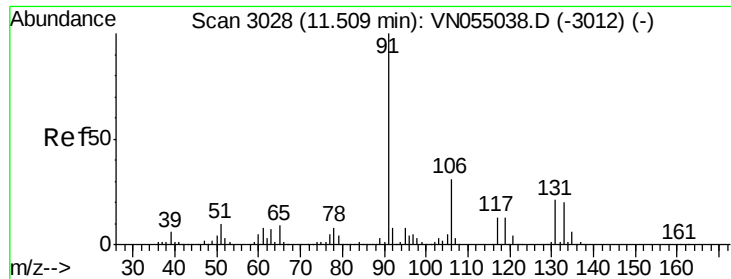
Tot Ion:112 Resp: 563174
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.790 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion:131 Resp: 209788
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 66.9 33.6 100.6

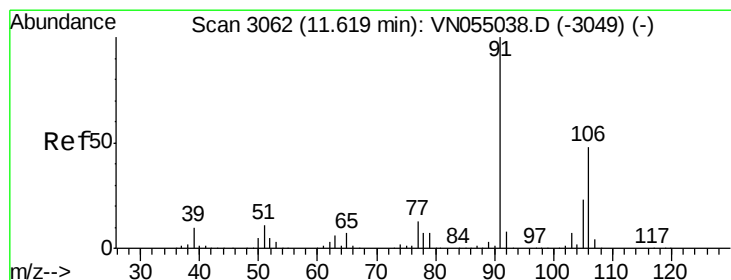
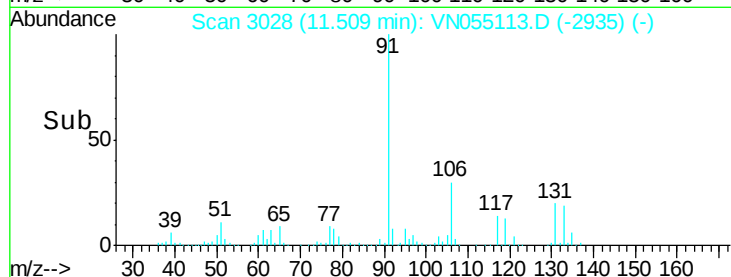
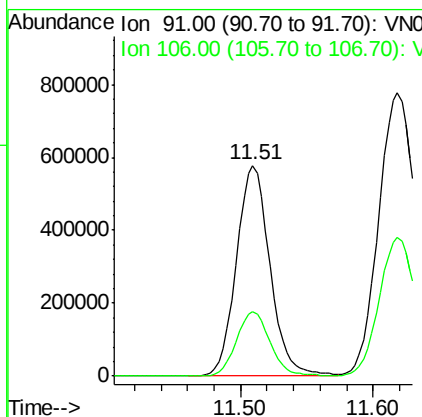
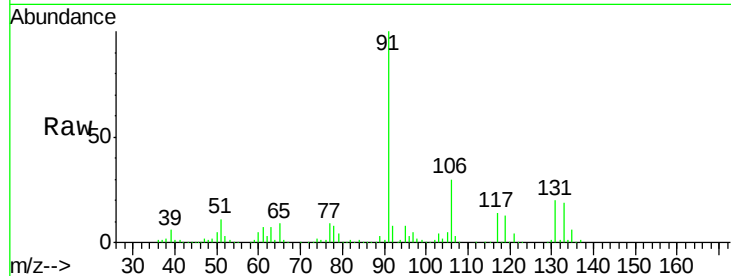




#67
Ethyl Benzene
Concen: 49.780 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

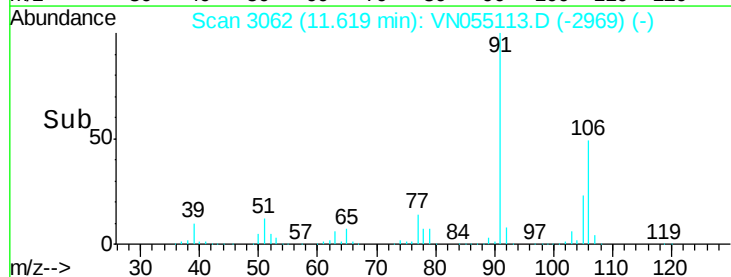
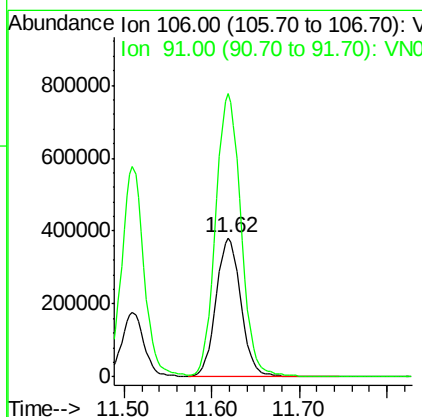
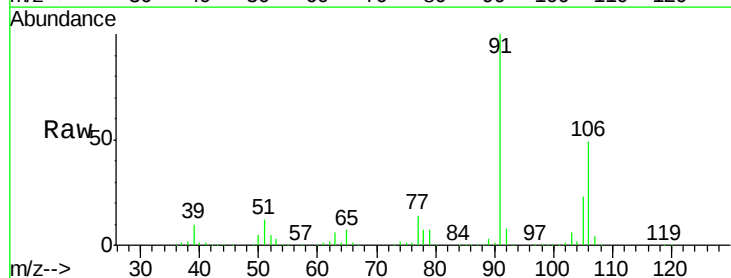
Instrument :
MSVOA_N
ClientSampled :

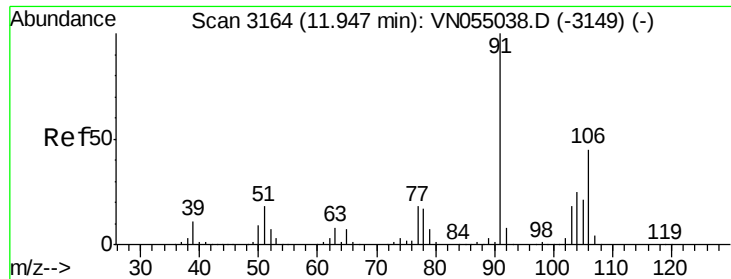
Tot Ion: 91 Resp: 1018409
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 102.010 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 106 Resp: 755713
Ion Ratio Lower Upper
106 100
91 206.9 165.9 248.9

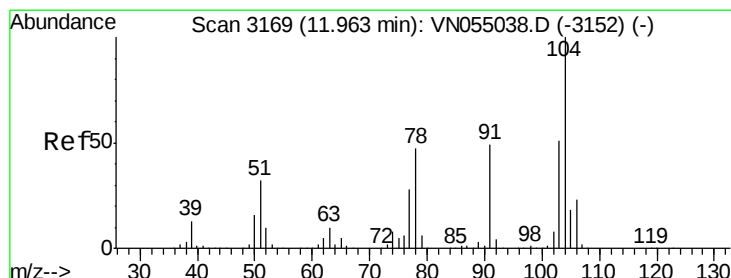
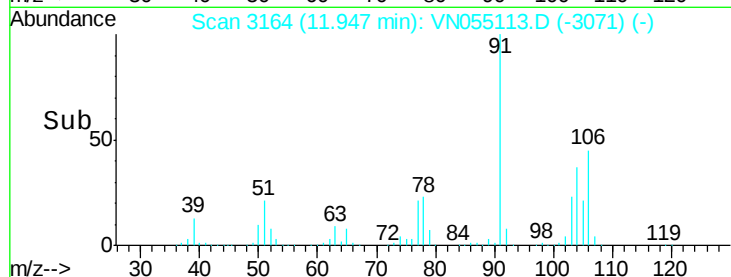
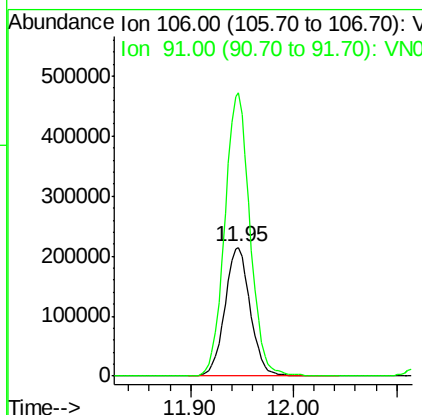
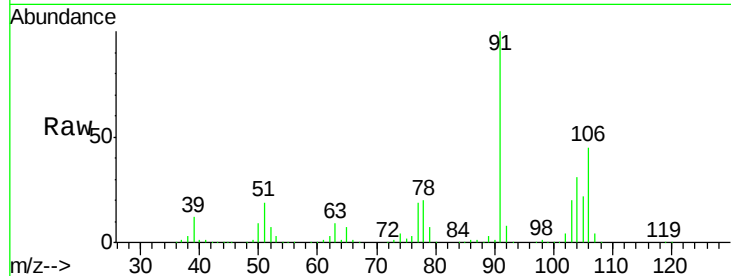




#69
o-Xylene
Concen: 51.190 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

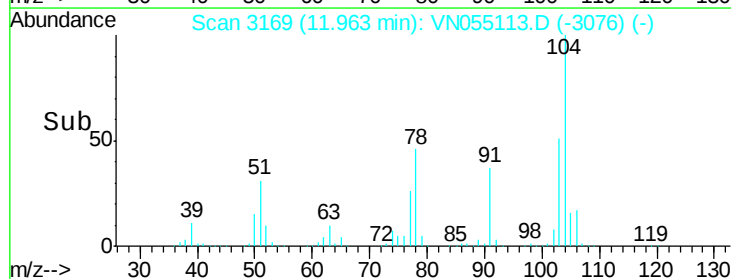
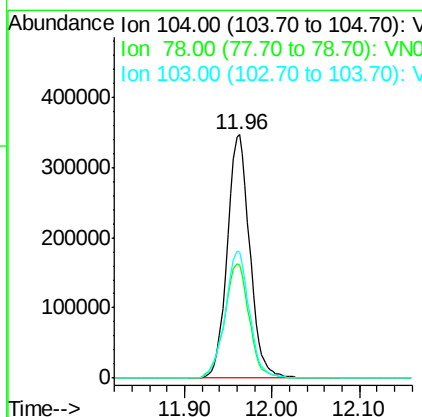
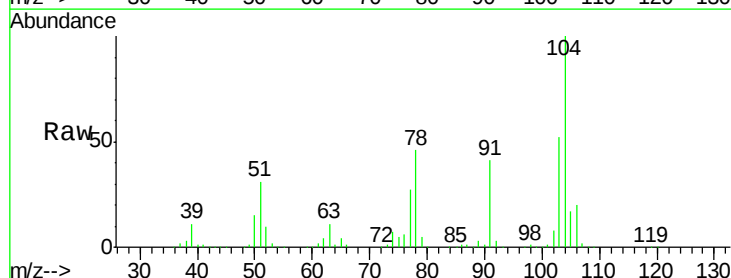
Instrument :
MSVOA_N
ClientSampled :

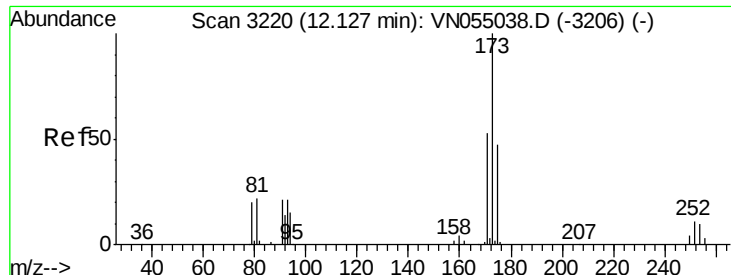
Tot Ion:106 Resp: 367299
Ion Ratio Lower Upper
106 100
91 218.9 109.9 329.8



#70
Styrene
Concen: 53.249 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion:104 Resp: 618461
Ion Ratio Lower Upper
104 100
78 51.4 40.3 60.5
103 55.8 44.3 66.5

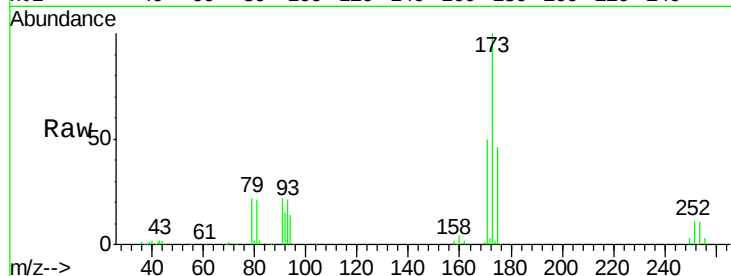




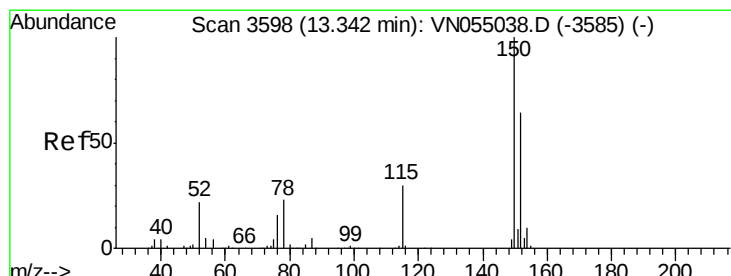
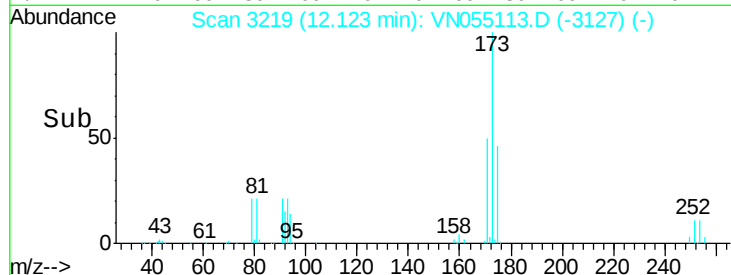
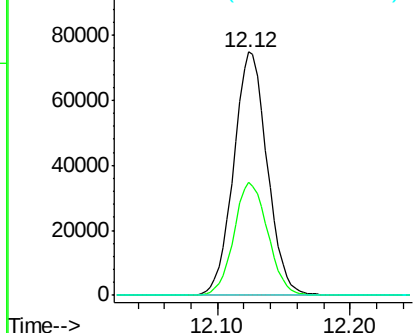
#71
Bromoform
Concen: 54.352 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 131264
Ion Ratio Lower Upper
173 100
175 46.8 24.3 73.0
254 0.0 0.1 0.1#

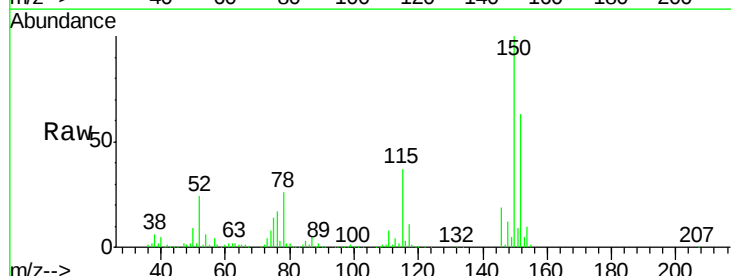


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

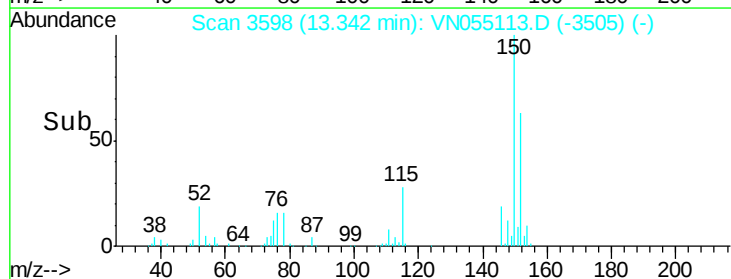
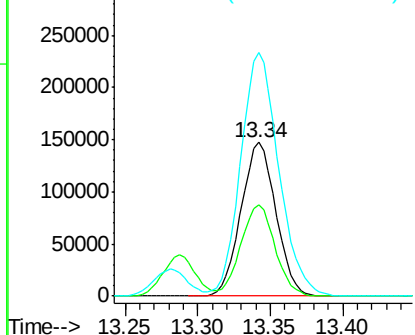


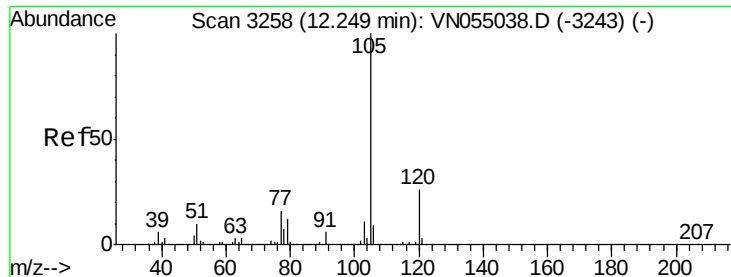
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion:152 Resp: 246555
Ion Ratio Lower Upper
152 100
115 58.2 28.5 85.6
150 173.3 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: 44.568 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

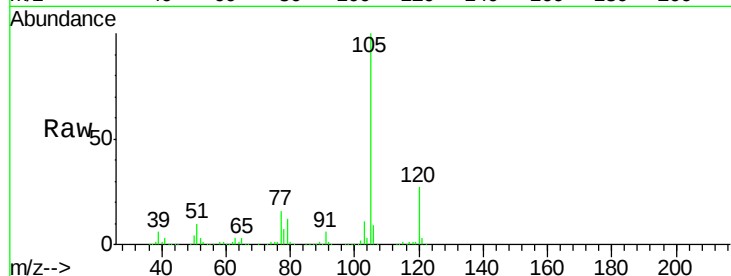
ClientSampleId :

Tot Ion:105 Resp: 975084

Ion Ratio Lower Upper

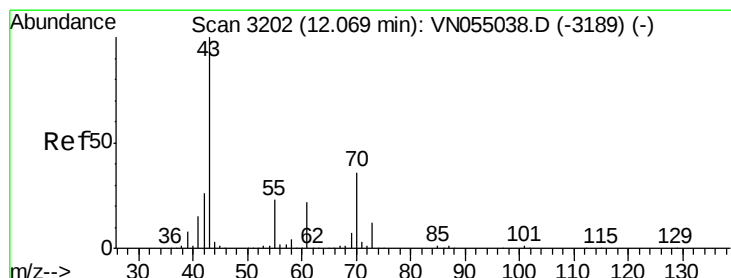
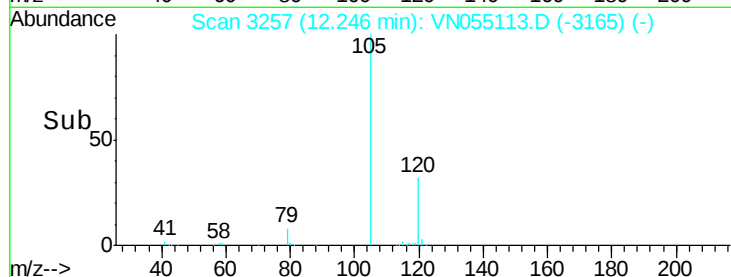
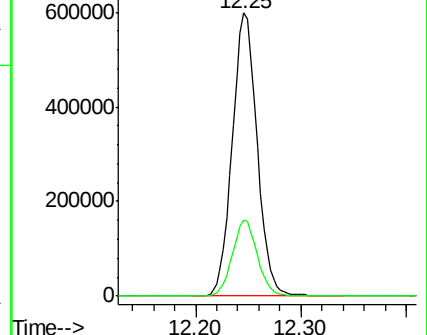
105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.557 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Tgt Ion: 43 Resp: 299052

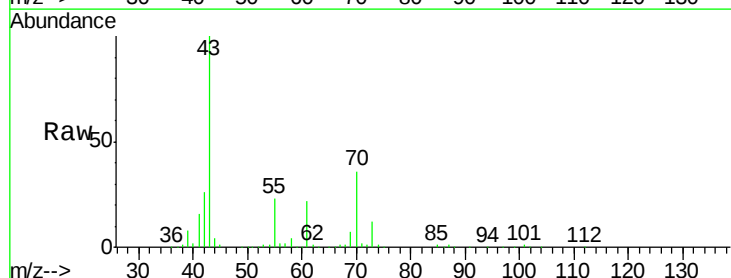
Ion Ratio Lower Upper

43 100

70 35.4 29.4 44.0

55 23.6 19.0 28.4

61 21.4 17.7 26.5

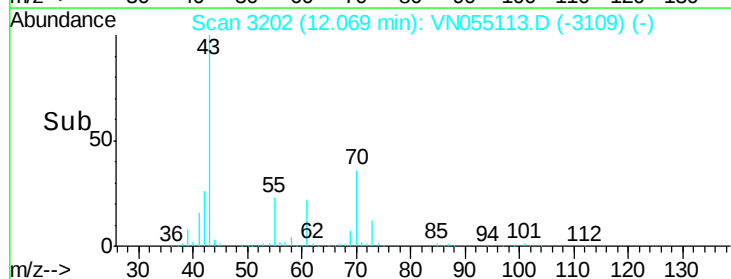
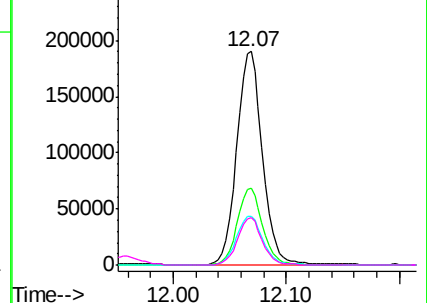


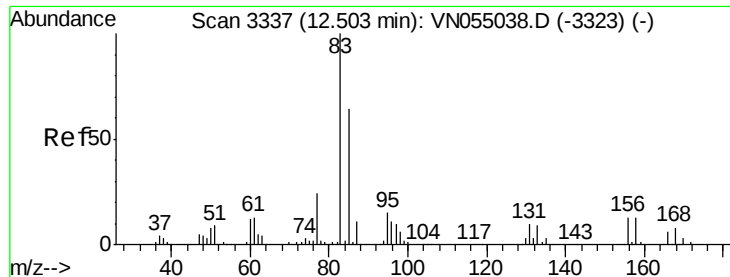
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 41.388 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampled :

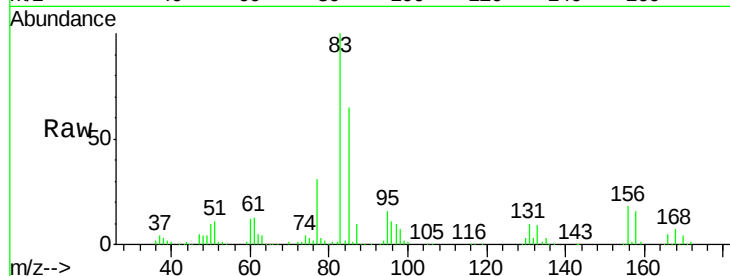
Tot Ion: 83 Resp: 242297

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

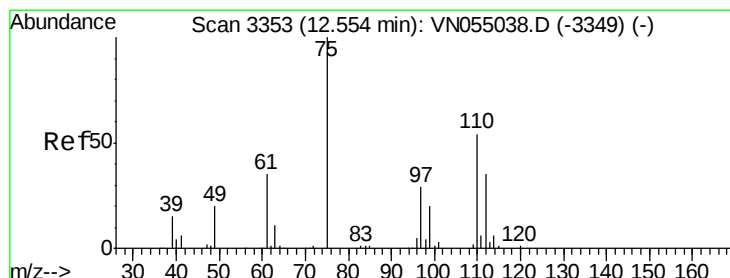
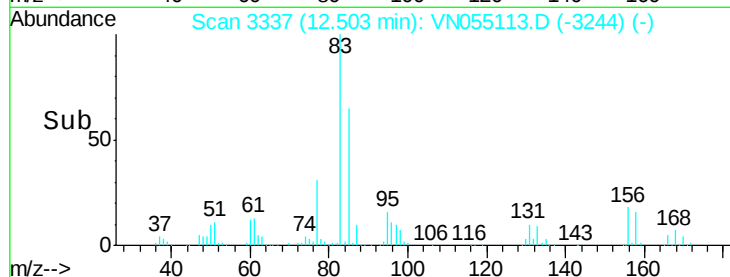
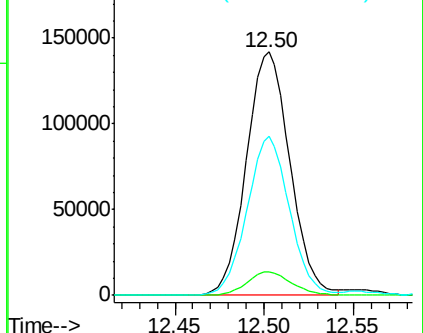
85 63.6 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN055113.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN055113.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN055113.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 64.621 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055113.D

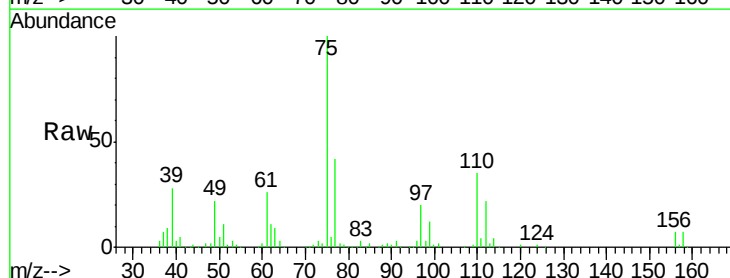
Acq: 18 Apr 2019 9:16

Tgt Ion: 75 Resp: 286507

Ion Ratio Lower Upper

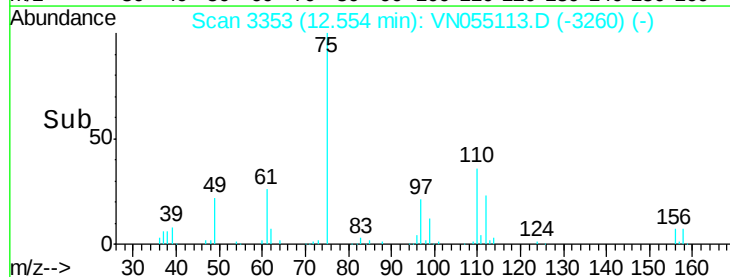
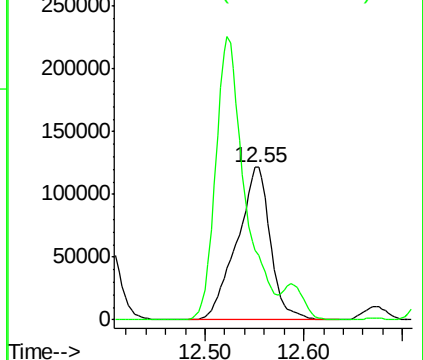
75 100

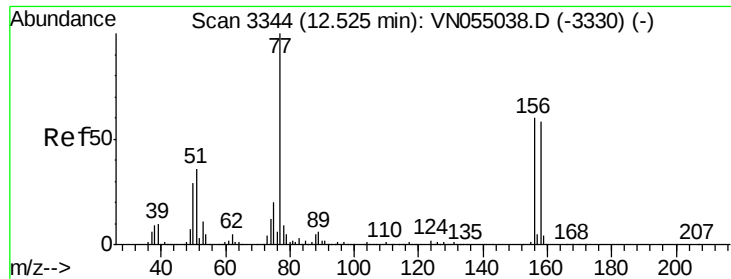
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055113.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055113.D (-3260) (-)





#77

Bromobenzene

Concen: 44.304 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

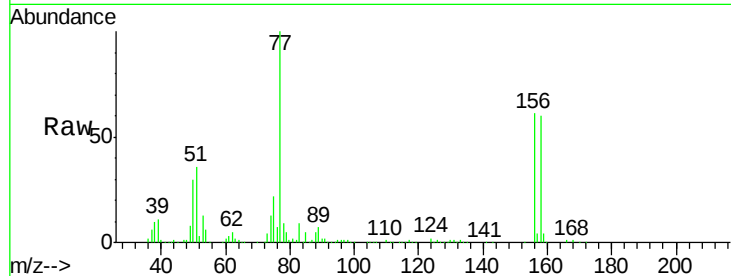
Tot Ion:156 Resp: 241655

Ion Ratio Lower Upper

156 100

77 192.6 97.2 291.5

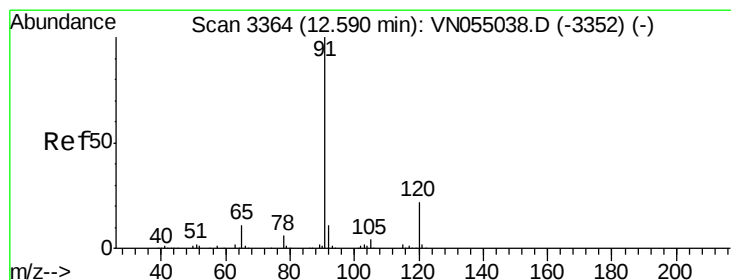
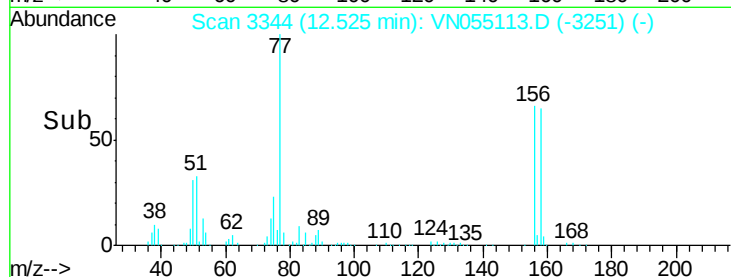
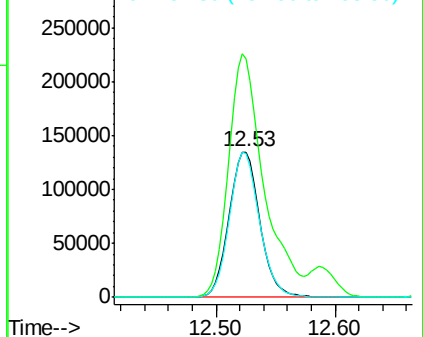
158 97.5 48.6 145.9



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: 47.176 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055113.D

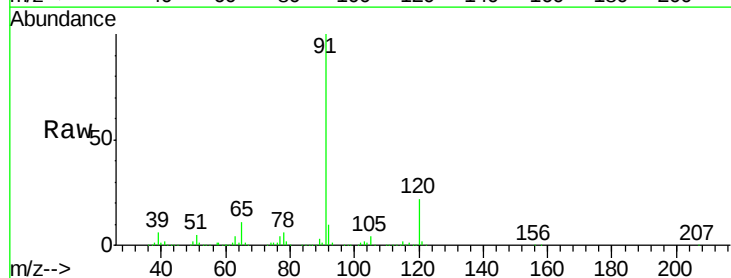
Acq: 18 Apr 2019 9:16

Tgt Ion: 91 Resp: 1115161

Ion Ratio Lower Upper

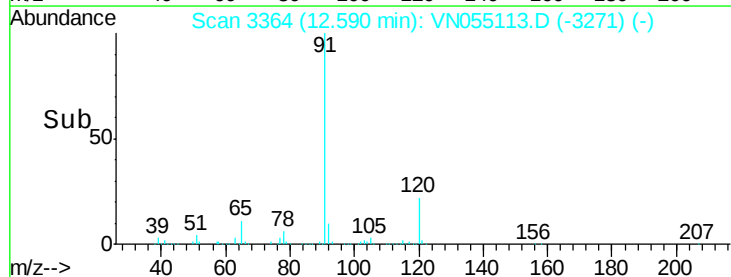
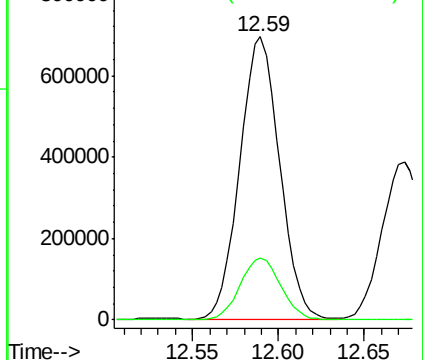
91 100

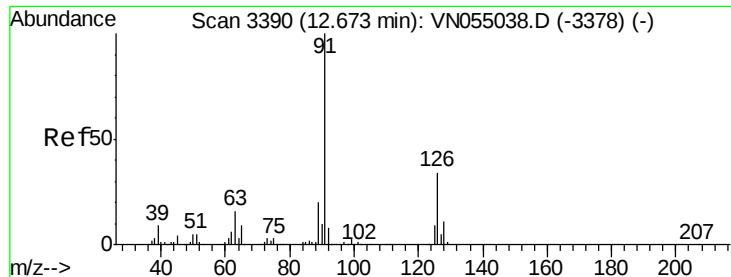
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.519 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

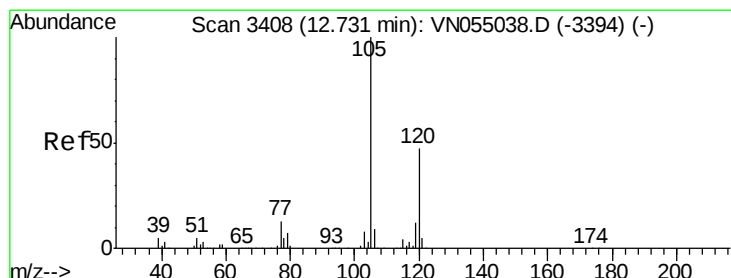
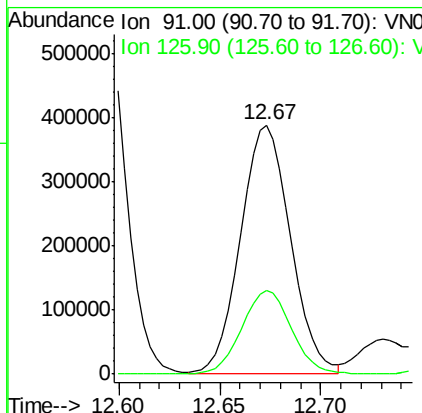
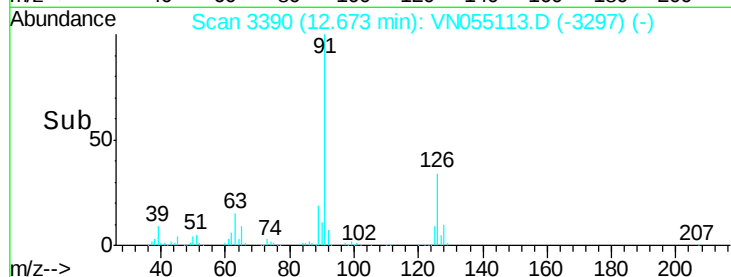
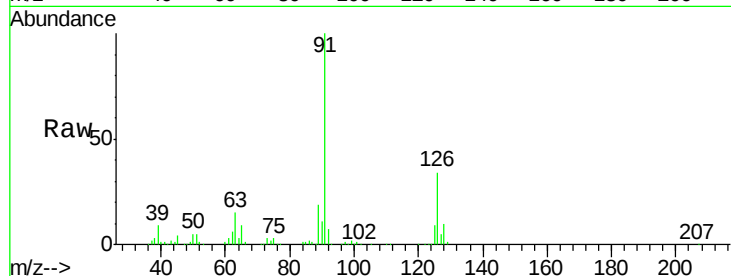
ClientSampled :

Tot Ion: 91 Resp: 671126

Ion Ratio Lower Upper

91 100

126 33.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 46.235 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055113.D

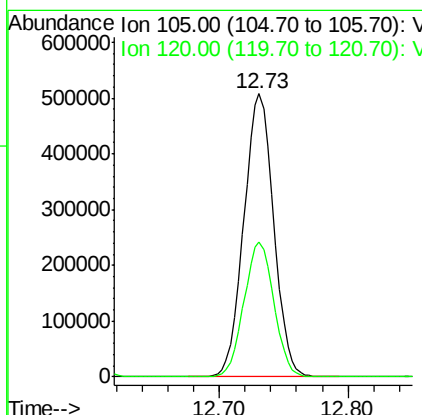
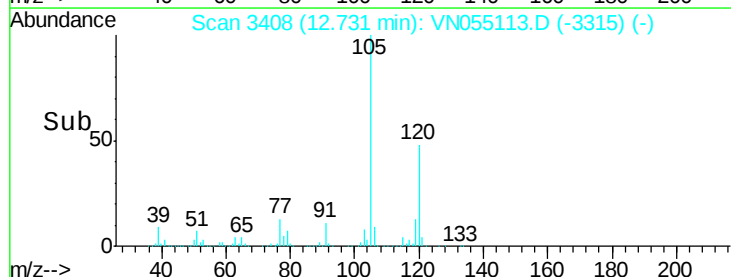
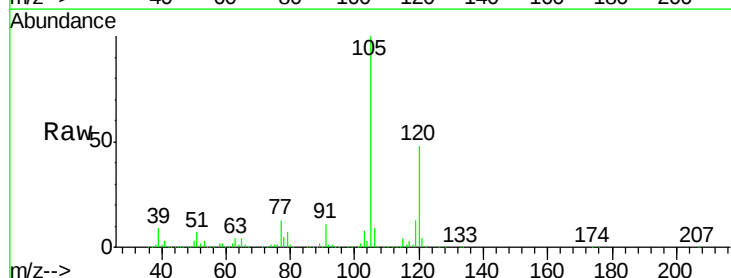
Acq: 18 Apr 2019 9:16

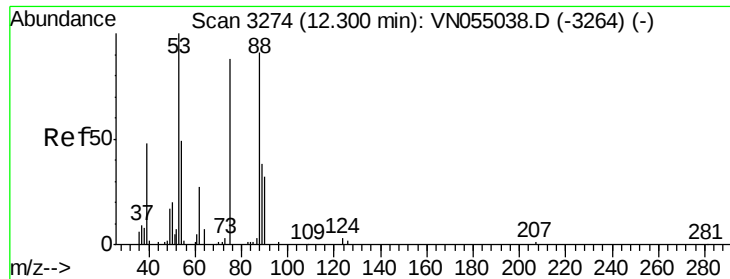
Tgt Ion: 105 Resp: 816325

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.779 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

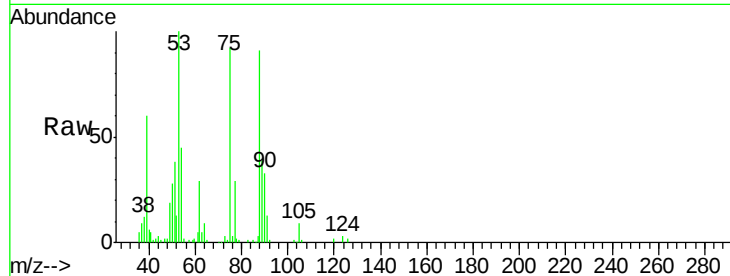
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 56300

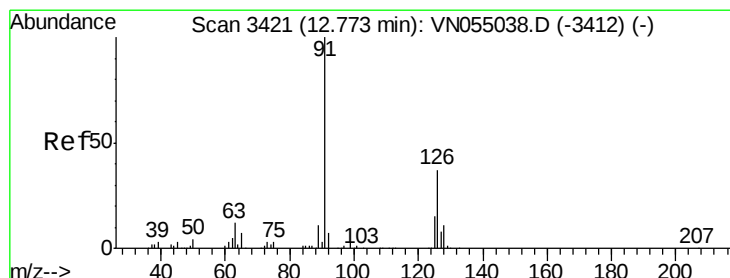
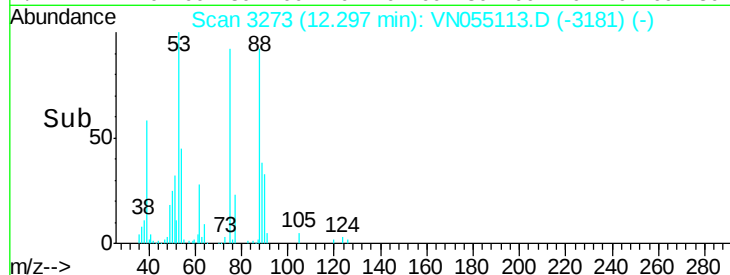
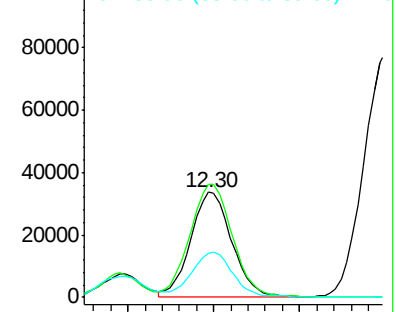
Ion	Ratio	Lower	Upper
75	100		
53	110.5	96.3	144.5
89	43.1	38.6	57.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.059 ug/l

RT: 12.77 min Scan# 3420

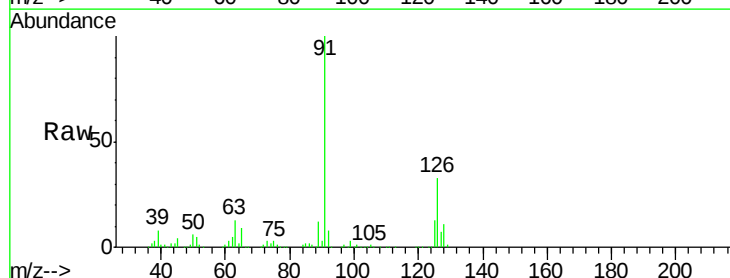
Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

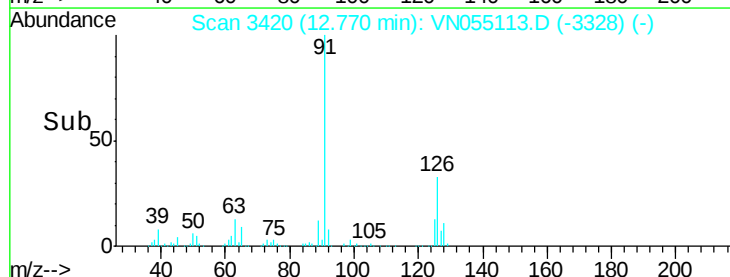
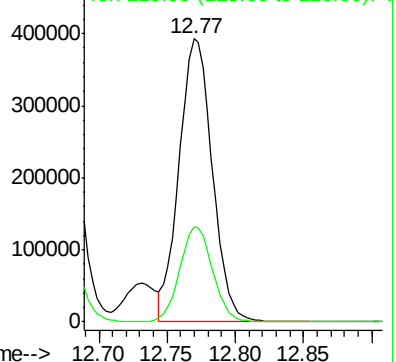
Tgt Ion: 91 Resp: 661090

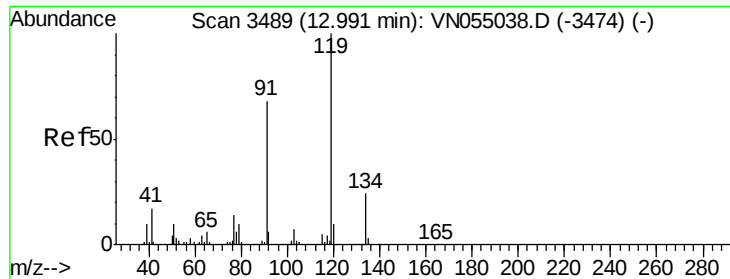
Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.4	49.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 46.201 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

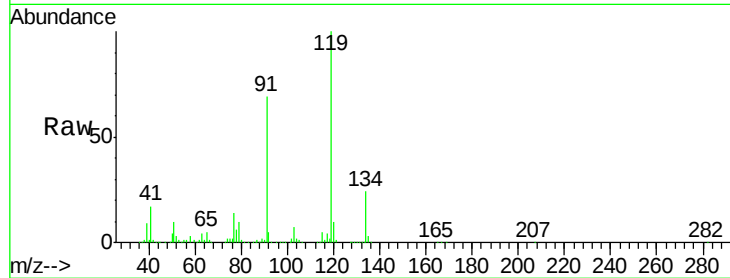
Tot Ion:119 Resp: 688894

Ion Ratio Lower Upper

119 100

91 67.1 33.3 99.8

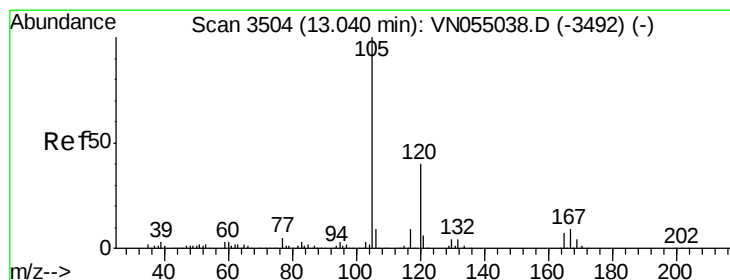
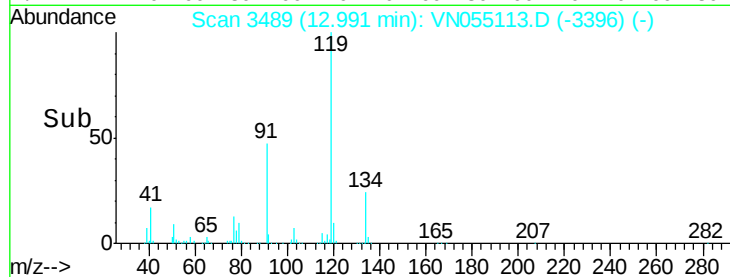
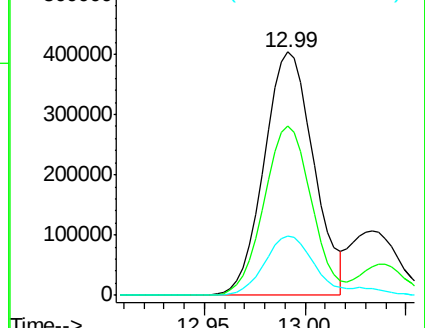
134 26.4 12.3 36.9



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: 48.076 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN055113.D

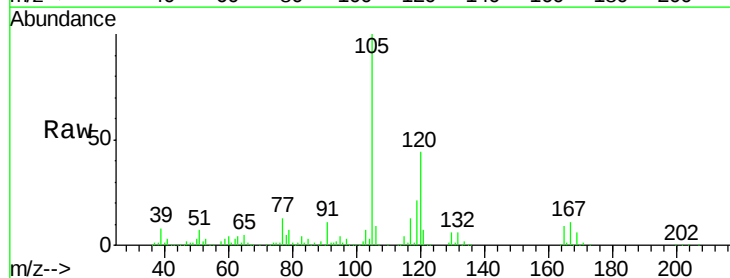
Acq: 18 Apr 2019 9:16

Tgt Ion:105 Resp: 804429

Ion Ratio Lower Upper

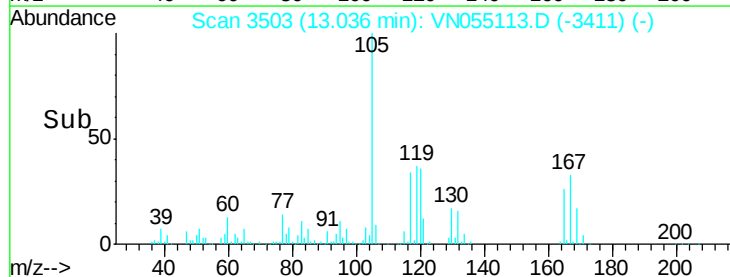
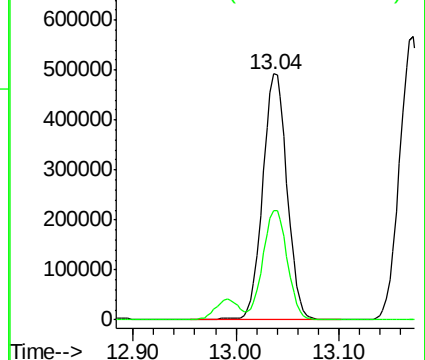
105 100

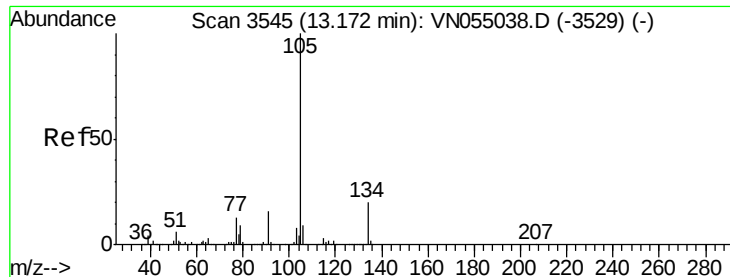
120 44.5 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.430 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

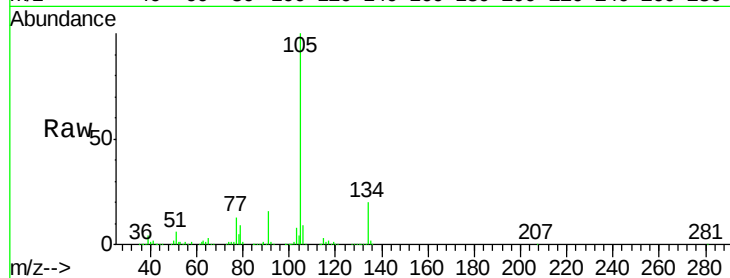
ClientSampled :

Tot Ion:105 Resp: 901164

Ion Ratio Lower Upper

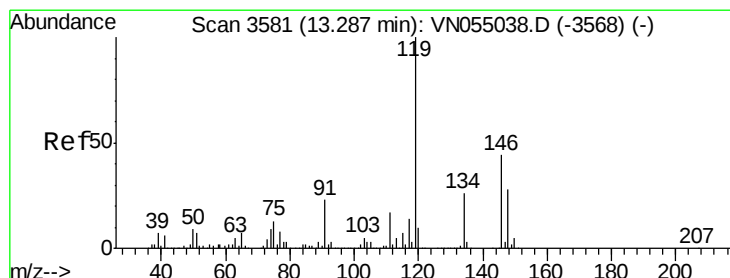
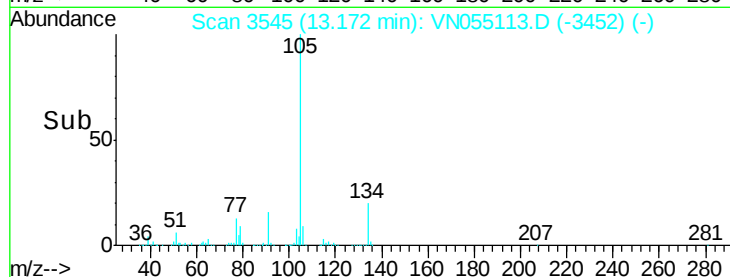
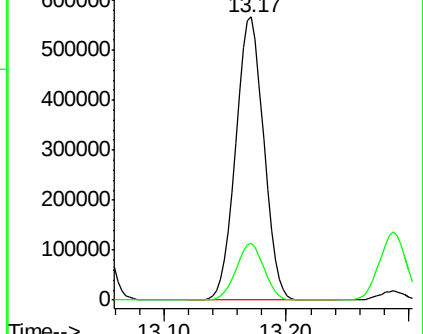
105 100

134 20.0 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.619 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

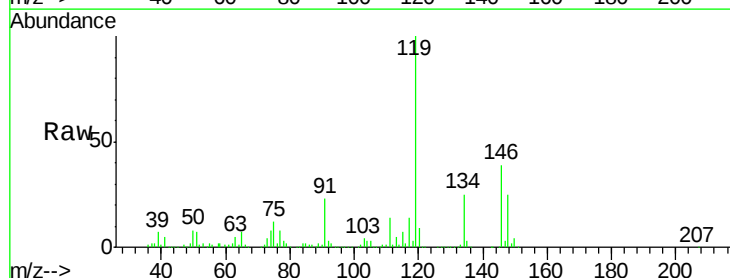
Tgt Ion:119 Resp: 808823

Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.5

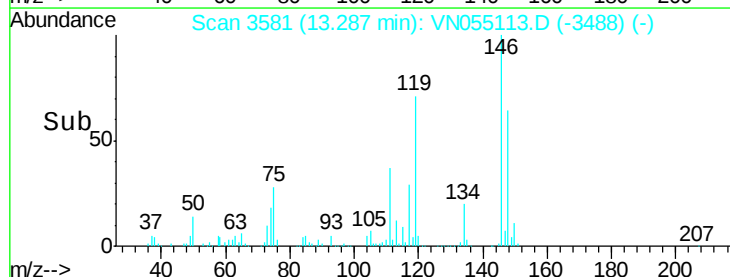
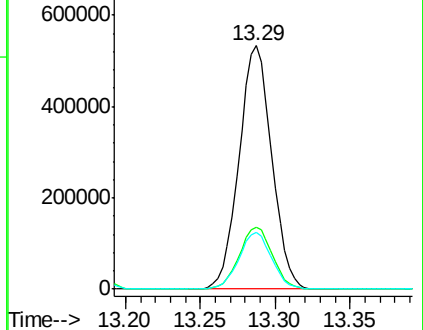
91 23.2 11.7 35.1

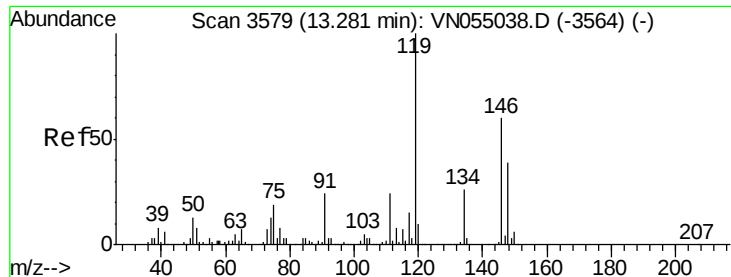


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

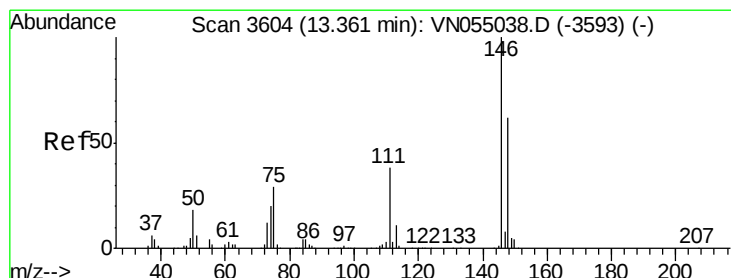
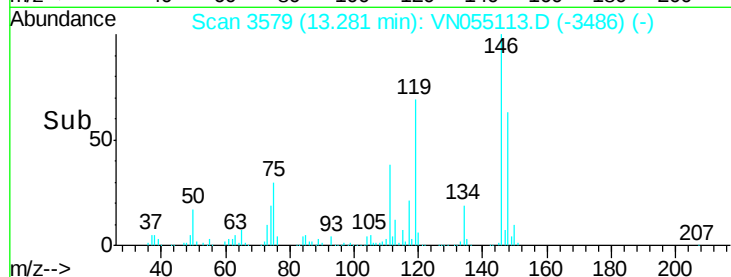
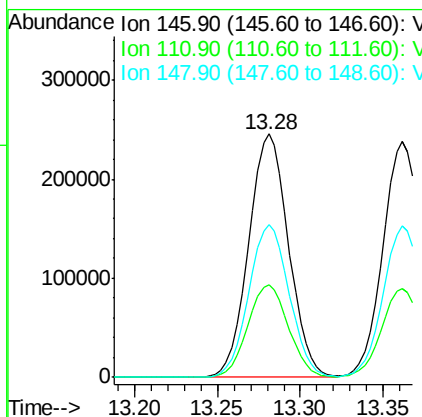
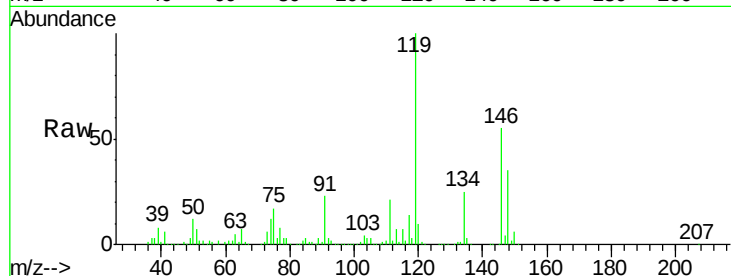




#87
 1,3-Dichlorobenzene
 Concen: 49.478 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

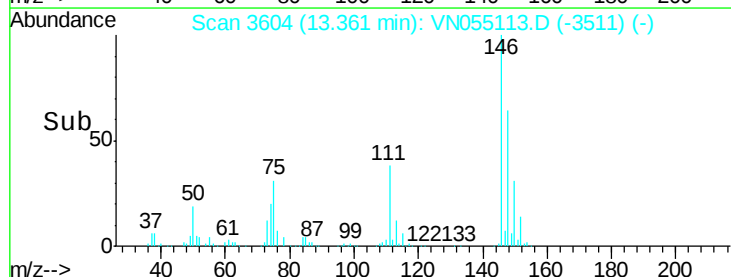
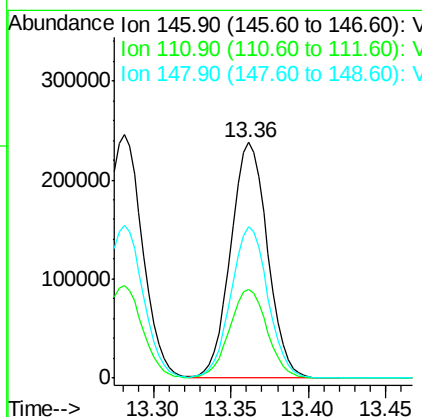
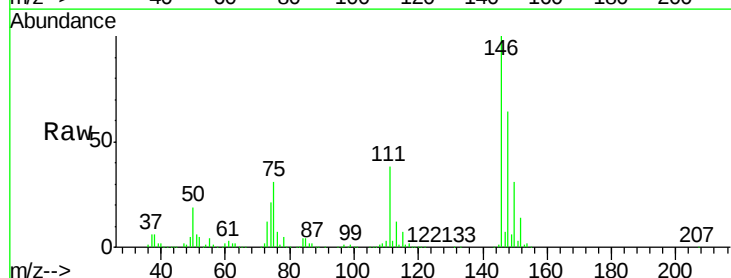
Instrument :
 MSVOA_N
 ClientSampleId :

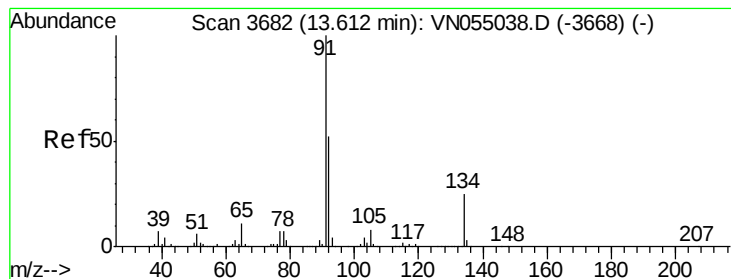
Tot Ion:146 Resp: 410202
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 63.7 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 49.818 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion:146 Resp: 393855
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.8 56.4
 148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 54.874 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampled :

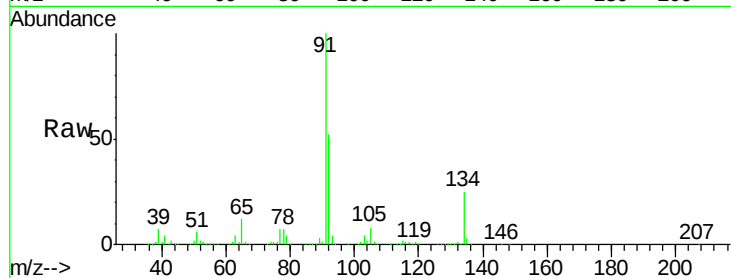
Tot Ion: 91 Resp: 664015

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

134 25.3 12.8 38.3

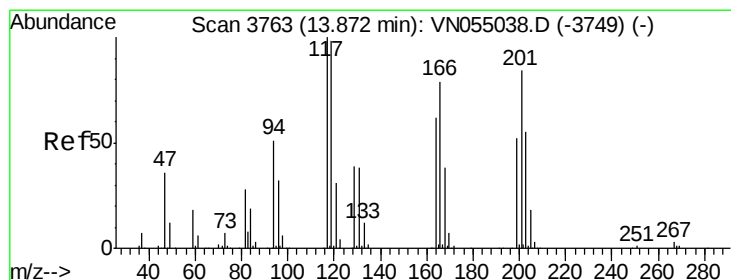
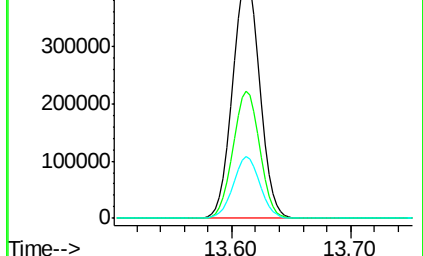
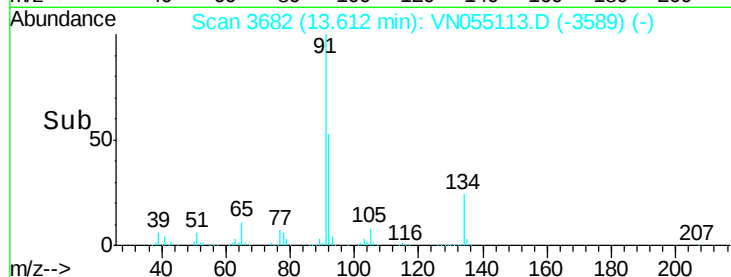


Abundance Ion 91.00 (90.70 to 91.70): VN055113.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055113.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055113.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 47.533 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055113.D

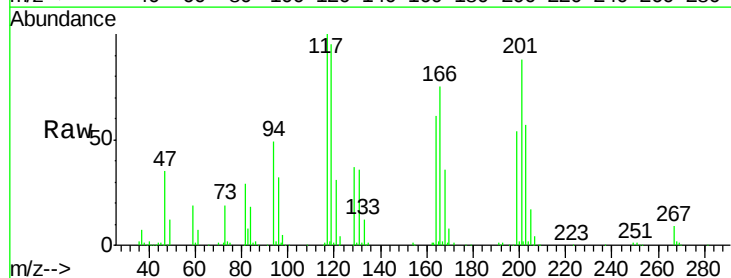
Acq: 18 Apr 2019 9:16

Tgt Ion: 117 Resp: 126071

Ion Ratio Lower Upper

117 100

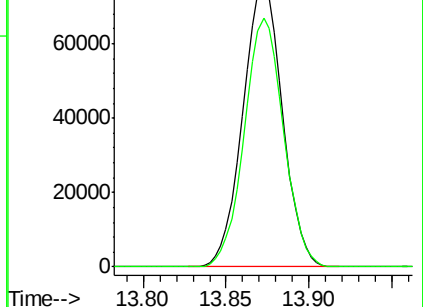
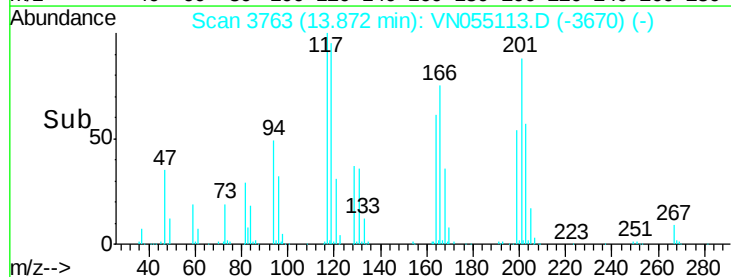
201 87.2 43.4 130.2

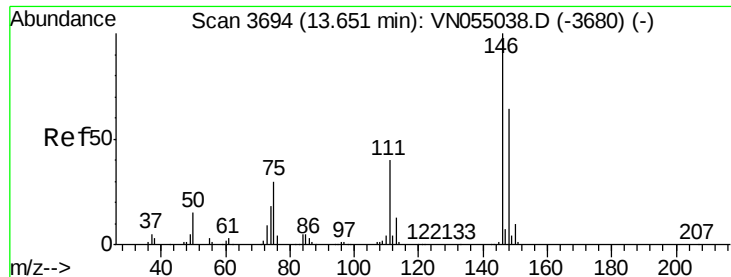


Abundance Ion 116.80 (116.50 to 117.50): VN055113.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055113.D (-3763) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 47.235 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampled :

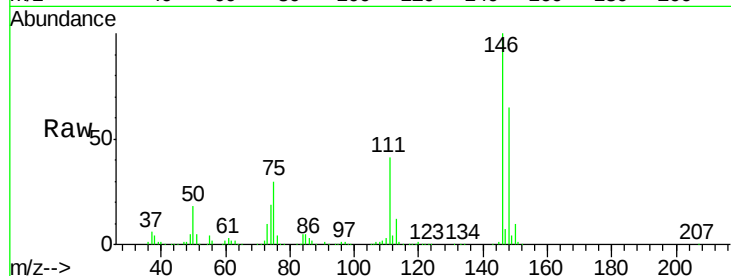
Tot Ion:146 Resp: 394009

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.9

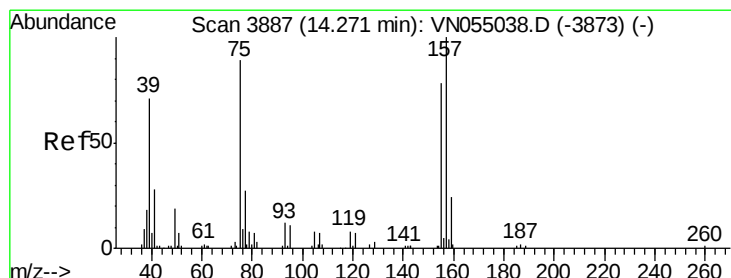
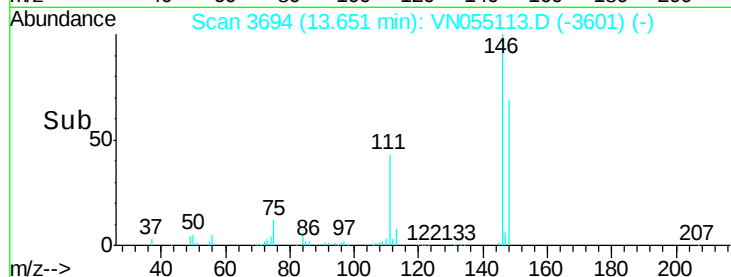
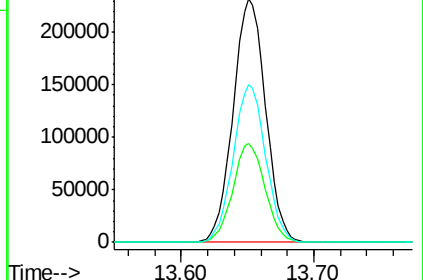
148 64.7 32.2 96.6



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: 45.054 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

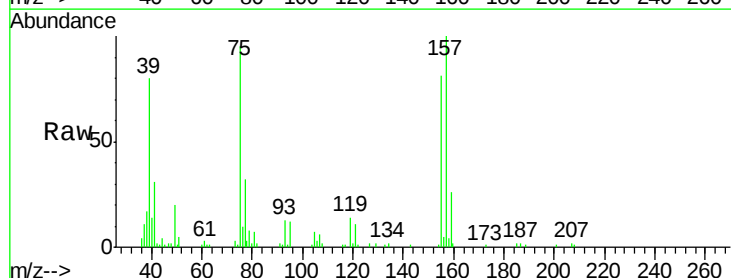
Tgt Ion: 75 Resp: 32480

Ion Ratio Lower Upper

75 100

155 87.4 42.0 126.0

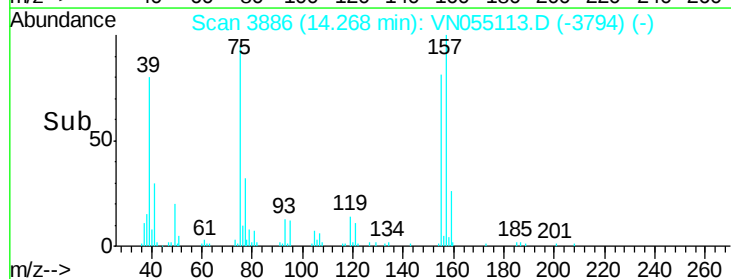
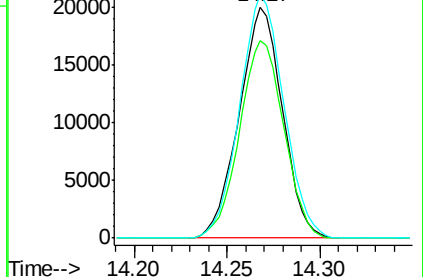
157 107.0 52.1 156.4

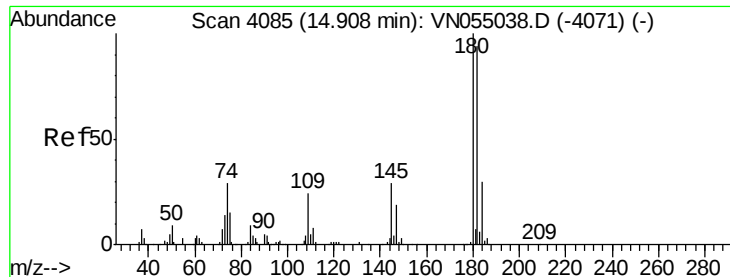


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 48.261 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

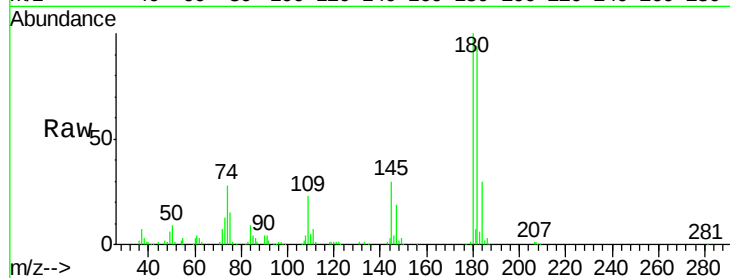
Tot Ion:180 Resp: 182115

Ion Ratio Lower Upper

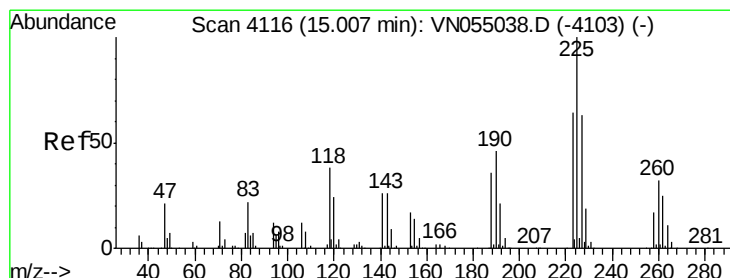
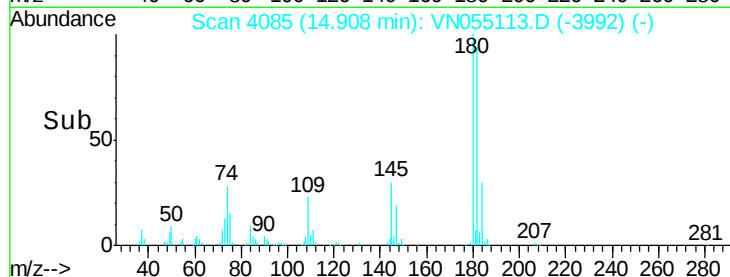
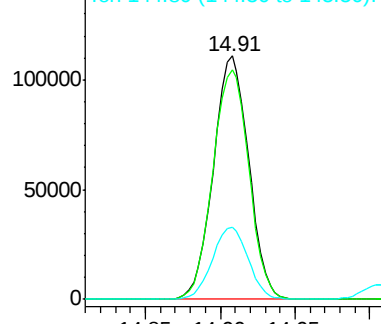
180 100

182 96.5 47.5 142.6

145 29.9 14.2 42.8



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



#94

Hexachlorobutadiene

Concen: 51.437 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

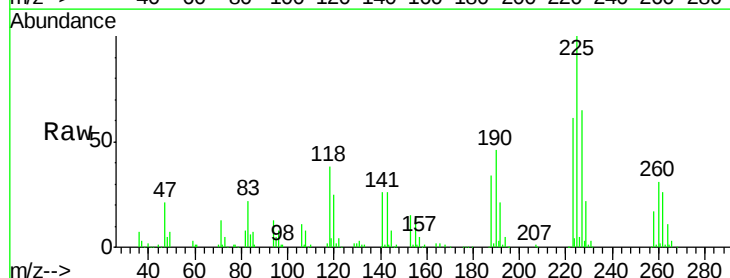
Tgt Ion:225 Resp: 132523

Ion Ratio Lower Upper

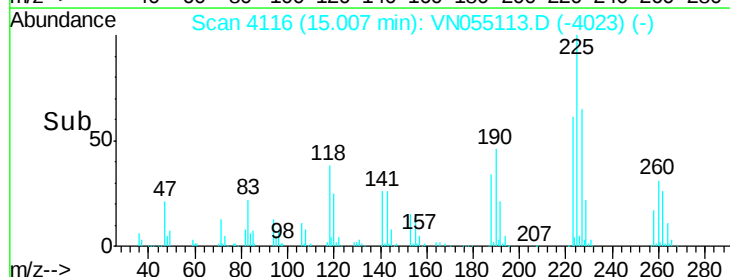
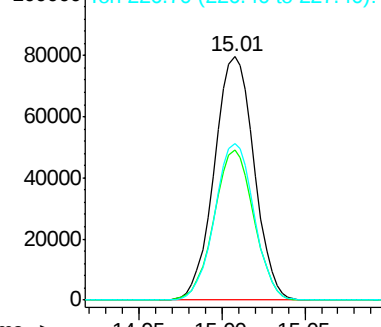
225 100

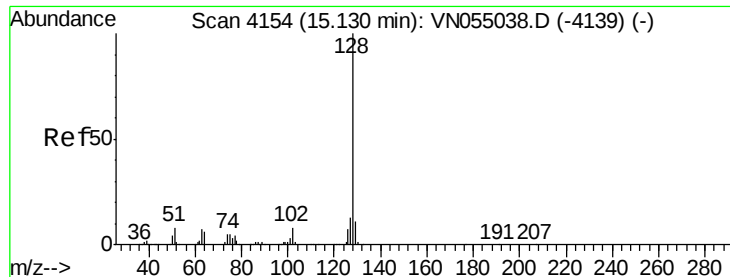
223 61.6 31.4 94.0

227 63.7 32.6 97.7



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





#95

Naphthalene

Concen: 42.508 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampled :

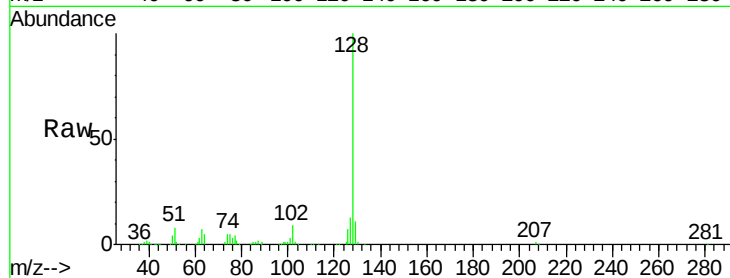
Tot Ion:128 Resp: 371676

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

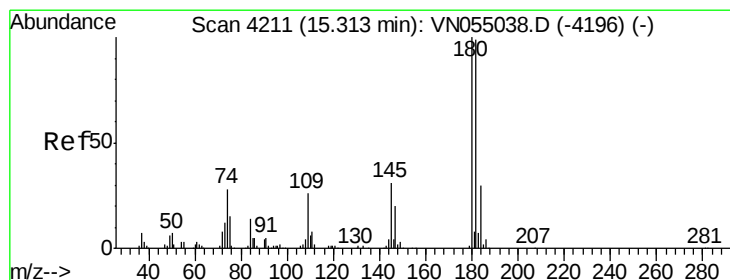
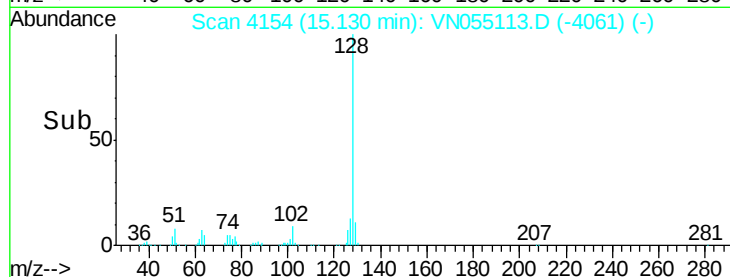
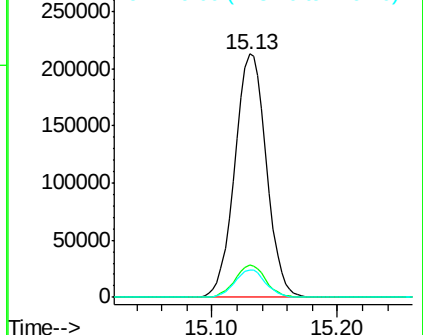
129 11.0 8.8 13.2



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: 56.830 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

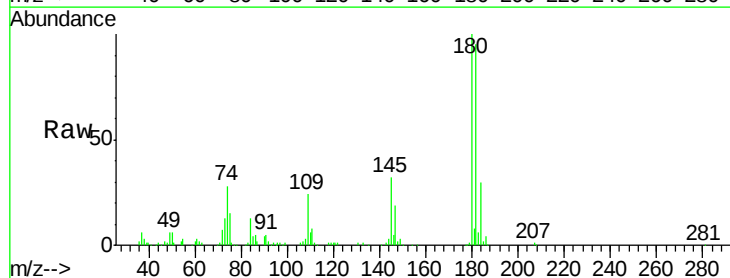
Tgt Ion:180 Resp: 182877

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 31.4 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

