

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055092.D
 Acq On : 17 Apr 2019 8:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 18 02:59:28 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	433921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	659222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	586828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	251195	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	264404	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
35) Dibromofluoromethane	7.59	113	220681	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	822185	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.40	95	278702	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	224369	45.499	ug/l	100
3) Chloromethane	2.06	50	284777	44.276	ug/l	98
4) Vinyl Chloride	2.19	62	236576	43.761	ug/l	99
5) Bromomethane	2.56	94	133689	43.712	ug/l	97
6) Chloroethane	2.71	64	130919	44.906	ug/l	98
7) Trichlorofluoromethane	3.02	101	306637	45.353	ug/l	99
8) Diethyl Ether	3.41	74	93366	43.261	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	164972	46.625	ug/l	98
10) Methyl Iodide	3.94	142	236493	43.071	ug/l	99
11) Tert butyl alcohol	4.81	59	65088	205.872	ug/l	100
12) 1,1-Dichloroethene	3.73	96	149133	43.302	ug/l	100
13) Acrolein	3.60	56	85772	219.484	ug/l	97
14) Allyl chloride	4.31	41	385772	45.760	ug/l	99
15) Acrylonitrile	4.99	53	402020	212.532	ug/l	99
16) Acetone	3.82	43	405497	259.019	ug/l	99
17) Carbon Disulfide	4.04	76	486630	43.771	ug/l	99
18) Methyl Acetate	4.33	43	190486	42.149	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	541897	43.985	ug/l	100
20) Methylene Chloride	4.54	84	236941	43.054	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	204245	43.848	ug/l	91
22) Diisopropyl ether	5.96	45	809419	46.706	ug/l	99
23) Vinyl Acetate	5.90	43	2698459	235.570	ug/l	99
24) 1,1-Dichloroethane	5.84	63	423266	45.864	ug/l	99
25) 2-Butanone	6.84	43	551418	236.002	ug/l	99
26) 2,2-Dichloropropane	6.82	77	289923	49.774	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	242935	46.099	ug/l	99
28) Bromochloromethane	7.19	49	201949	45.395	ug/l	100
29) Tetrahydrofuran	7.22	42	312495	203.951	ug/l	99
30) Chloroform	7.37	83	411271	45.879	ug/l	100
31) Cyclohexane	7.65	56	383855	46.970	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	328364	46.234	ug/l	99
36) 1,1-Dichloropropene	7.79	75	305990	49.239	ug/l	99
37) Ethyl Acetate	6.94	43	214206	42.340	ug/l	99
38) Carbon Tetrachloride	7.77	117	279770	47.319	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	336630	49.989	ug/l	99
40) Benzene	8.04	78	917310	48.977	ug/l	100
41) Methacrylonitrile	7.17	41	122257	43.533	ug/l	98
42) 1,2-Dichloroethane	8.12	62	307770	47.329	ug/l	99
43) Isopropyl Acetate	8.17	43	363661	46.649	ug/l	99
44) Trichloroethene	8.83	130	232206	49.498	ug/l	100
45) 1,2-Dichloropropane	9.12	63	257132	49.227	ug/l	100
46) Dibromomethane	9.21	93	141251	47.510	ug/l	98
47) Bromodichloromethane	9.40	83	308115	50.266	ug/l	99
48) Methyl methacrylate	9.20	41	180253	46.650	ug/l	98
49) 1,4-Dioxane	9.20	88	39706	1096.834	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1034838	229.775	ug/l	99
52) Toluene	10.15	92	547688	51.056	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	284833	53.172	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	355956	53.539	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	192992	46.696	ug/l	97
56) Ethyl methacrylate	10.43	69	249712	50.345	ug/l	98
57) 1,3-Dichloropropane	10.71	76	344837	49.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	466749	215.783	ug/l	99
59) 2-Hexanone	10.75	43	694975	245.682	ug/l	99
60) Dibromochloromethane	10.90	129	212833	52.737	ug/l	99
61) 1,2-Dibromoethane	11.00	107	188641	49.590	ug/l	97
64) Tetrachloroethene	10.63	164	224306	47.006	ug/l	99
65) Chlorobenzene	11.43	112	570628	48.308	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	215068	49.503	ug/l	99
67) Ethyl Benzene	11.51	91	1040336	49.317	ug/l	99
68) m/p-Xylenes	11.62	106	773999	101.326	ug/l	99
69) o-Xylene	11.95	106	375652	50.774	ug/l	100
70) Styrene	11.96	104	638101	53.282	ug/l	100
71) Bromoform	12.13	173	130745	52.504	ug/l	98
73) Isopropylbenzene	12.25	105	1002501	44.975	ug/l	99
74) N-amyl acetate	12.07	43	285979	45.576	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	235884	39.548	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	283481	62.757	ug/l #	100
77) Bromobenzene	12.53	156	244694	44.033	ug/l	98
78) n-propylbenzene	12.59	91	1147025	47.628	ug/l	100
79) 2-Chlorotoluene	12.67	91	687106	45.742	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	836174	46.485	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	52803	46.745	ug/l	96
82) 4-Chlorotoluene	12.77	91	676409	48.264	ug/l	99
83) tert-Butylbenzene	12.99	119	702865	46.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	821744	48.204	ug/l	99
85) sec-Butylbenzene	13.17	105	917164	47.380	ug/l	99
86) p-Isopropyltoluene	13.29	119	813212	48.967	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	414664	49.092	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	402423	49.961	ug/l	99
89) n-Butylbenzene	13.61	91	679309	55.100	ug/l	100
90) Hexachloroethane	13.87	117	131310	48.593	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	405033	47.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31238	42.531	ug/l	95

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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

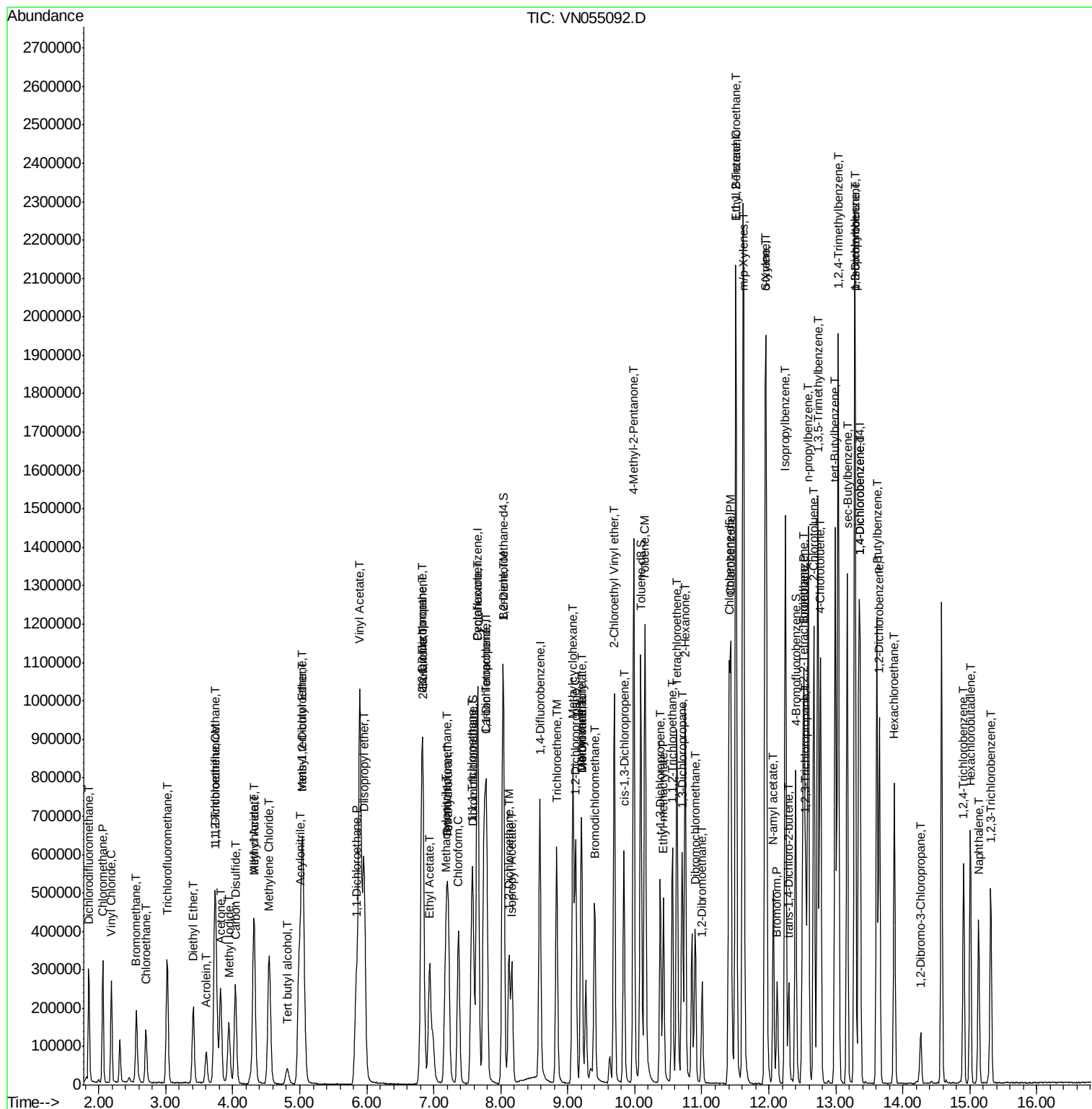
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	188007	48.867	ug/l	99
94) Hexachlorobutadiene	15.01	225	135298	51.544	ug/l	98
95) Naphthalene	15.13	128	369059	41.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	182934	55.798	ug/l	100

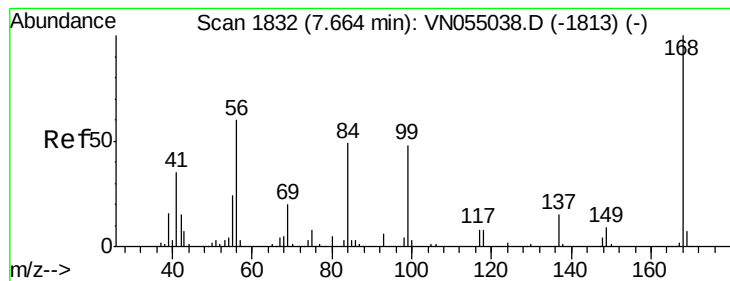
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041719\
Data File : VN055092.D
Acq On : 17 Apr 2019 8:59
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Quant Time: Apr 18 02:59:28 2019
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

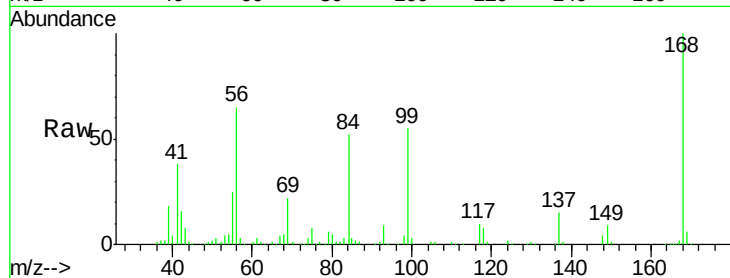
ClientSampled :

Tot Ion:168 Resp: 433921

Ion Ratio Lower Upper

168 100

99 54.4 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055038.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055038.D (-1813) (-)

7.66

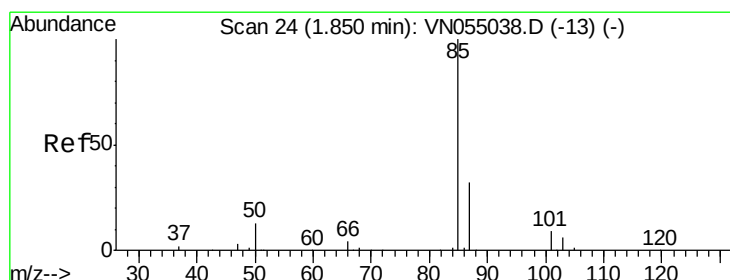
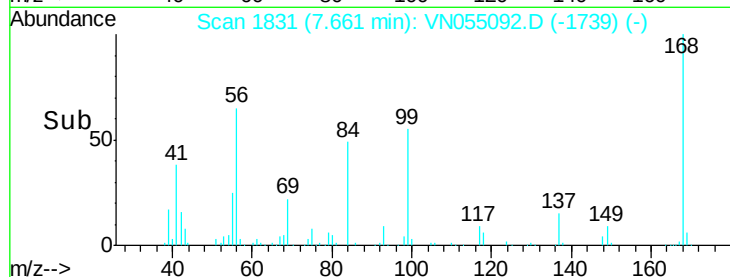
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.499 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055092.D

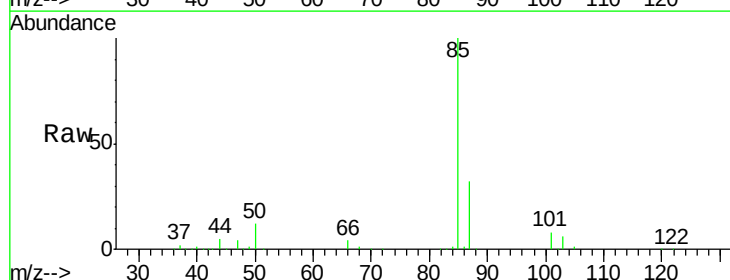
Acq: 17 Apr 2019 8:59

Tgt Ion: 85 Resp: 224369

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055038.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN055038.D (-13) (-)

1.85

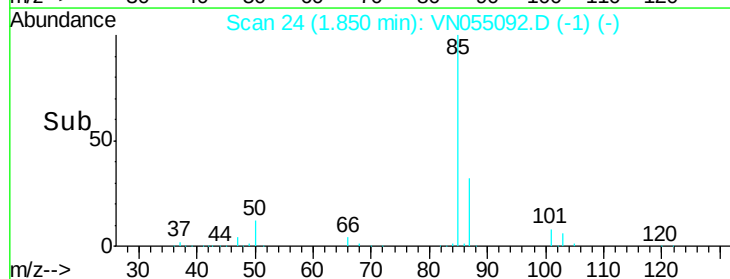
150000

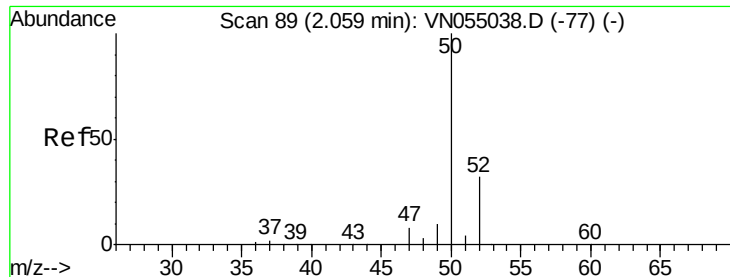
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.276 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

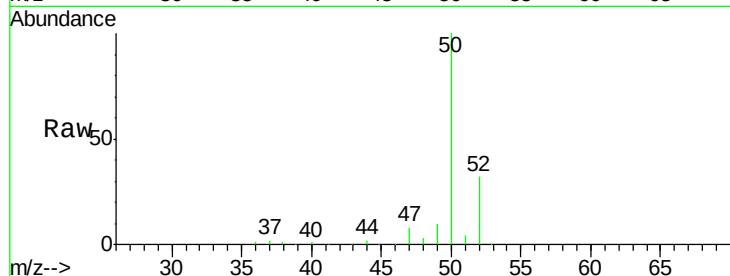
ClientSampleId :

Tot Ion: 50 Resp: 284777

Ion Ratio Lower Upper

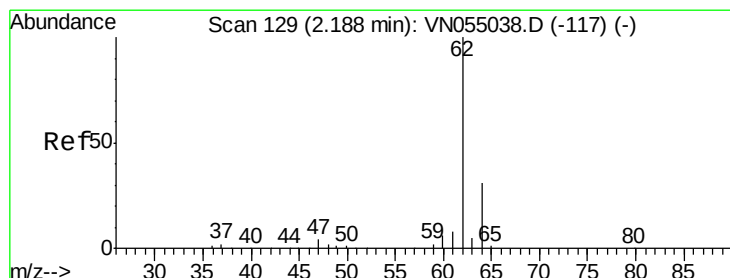
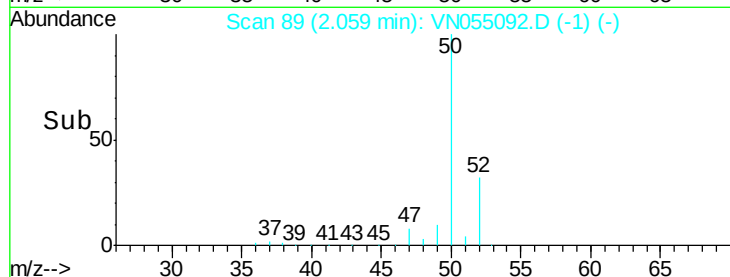
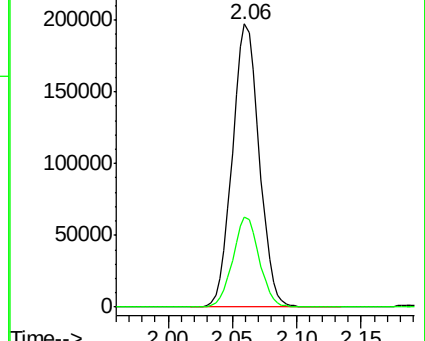
50 100

52 31.9 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 43.761 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055092.D

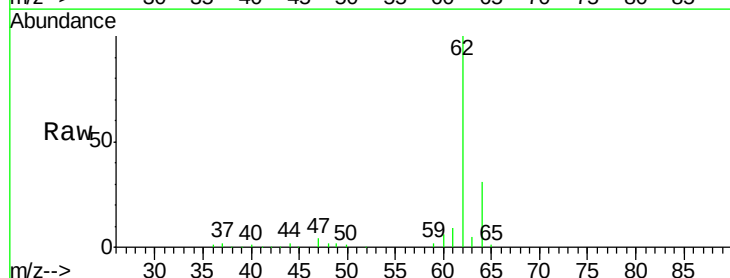
Acq: 17 Apr 2019 8:59

Tgt Ion: 62 Resp: 236576

Ion Ratio Lower Upper

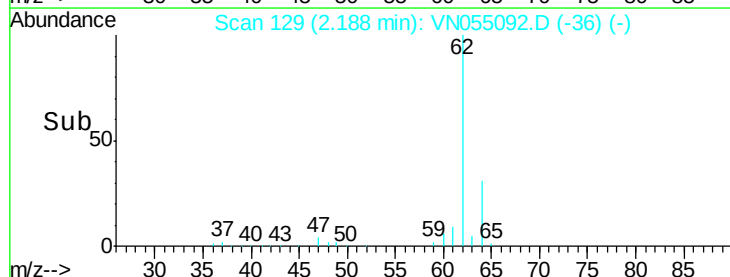
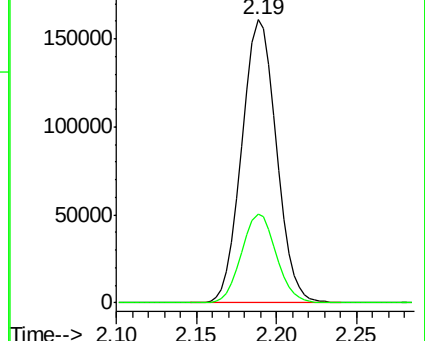
62 100

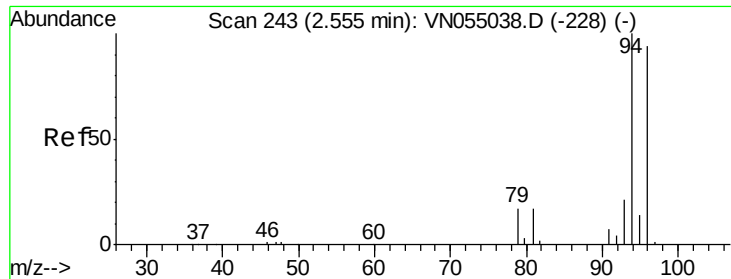
64 31.5 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 43.712 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.01 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

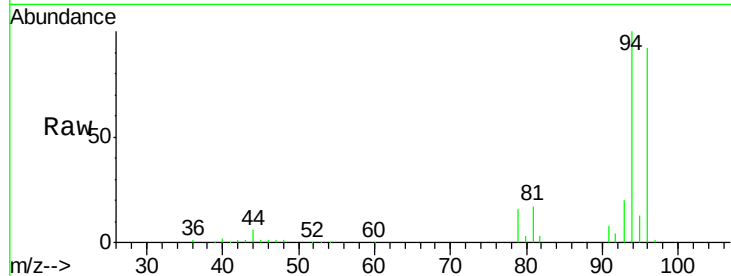
ClientSampled :

Tot Ion: 94 Resp: 133689

Ion Ratio Lower Upper

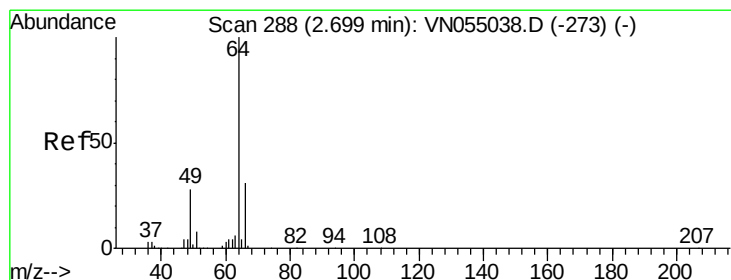
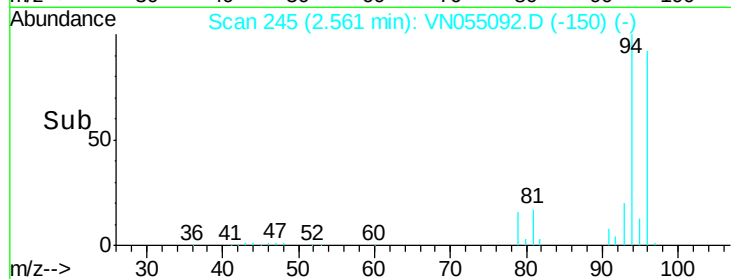
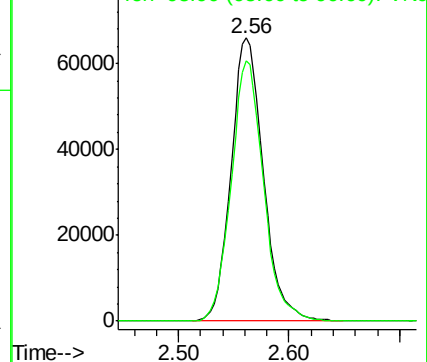
94 100

96 92.1 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: 44.906 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN055092.D

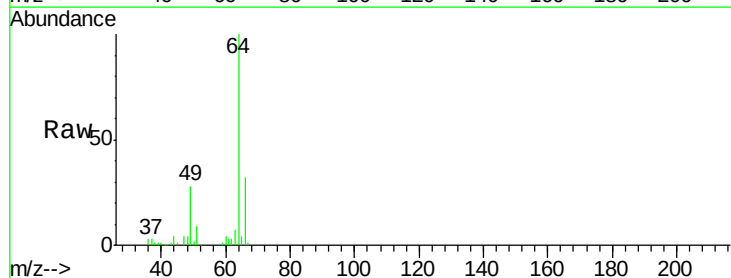
Acq: 17 Apr 2019 8:59

Tgt Ion: 64 Resp: 130919

Ion Ratio Lower Upper

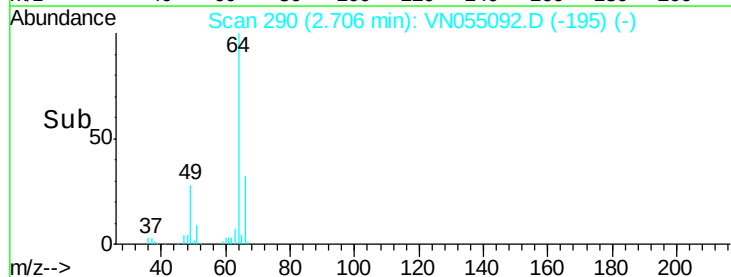
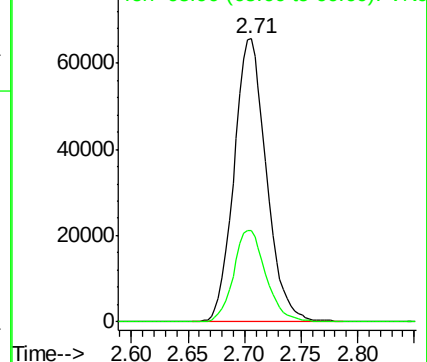
64 100

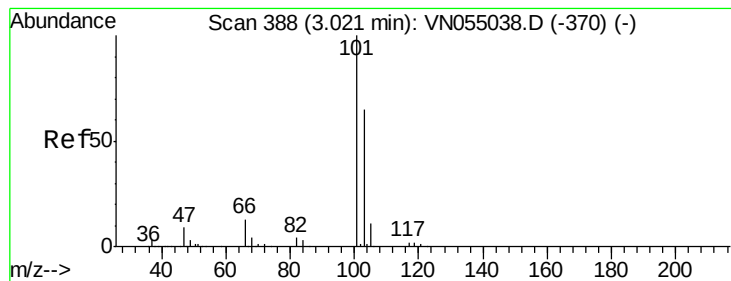
66 32.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



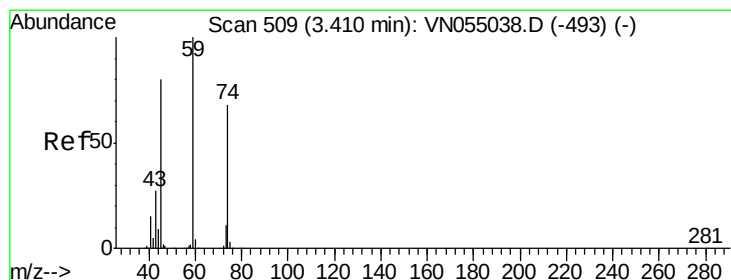
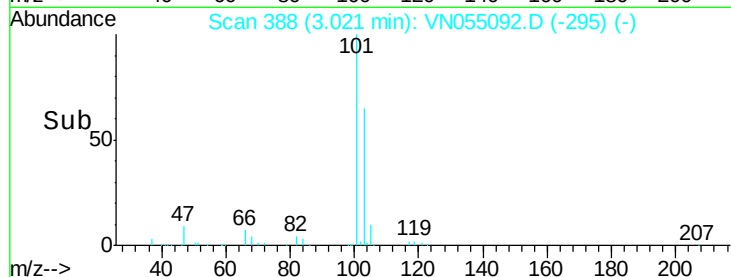
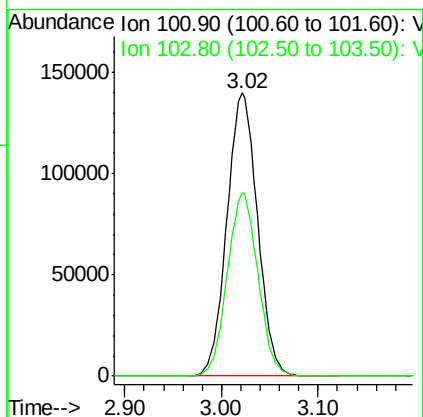
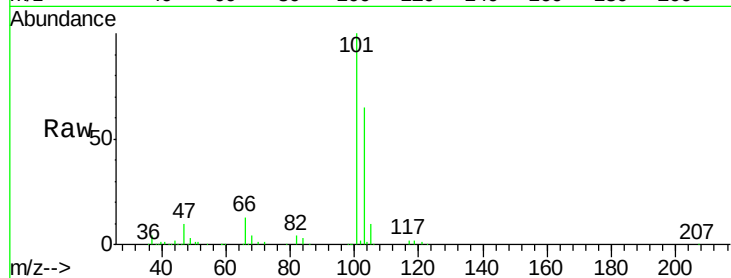


#7

Trichlorofluoromethane
 Concen: 45.353 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Instrument :
 MSVOA_N
 ClientSampled :

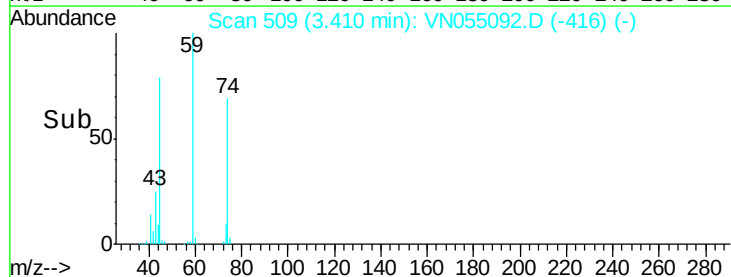
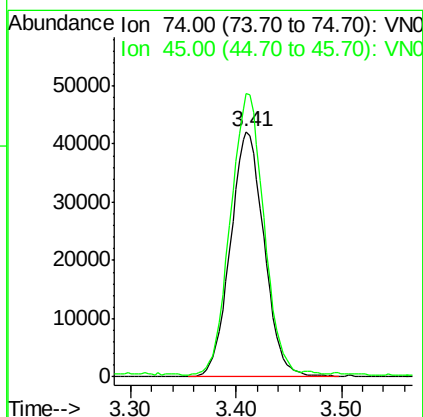
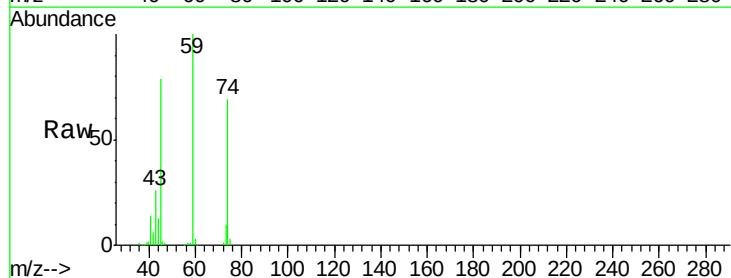
Tot Ion:101 Resp: 306637
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.5 78.7

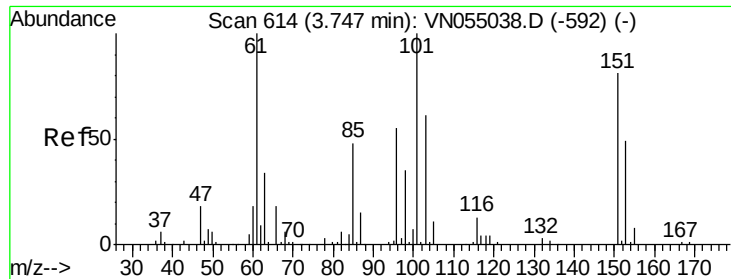


#8

Diethyl Ether
 Concen: 43.261 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion: 74 Resp: 93366
 Ion Ratio Lower Upper
 74 100
 45 113.7 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.625 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampleId :

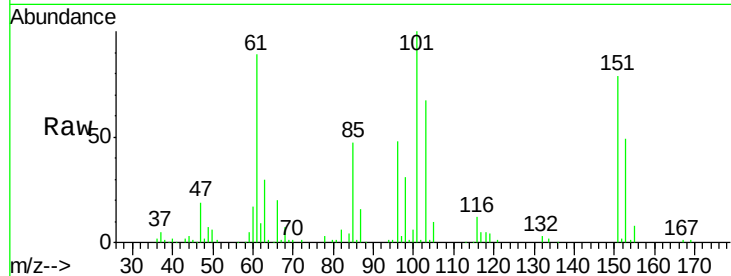
Tot Ion:101 Resp: 164972

Ion Ratio Lower Upper

101 100

85 45.9 36.9 55.3

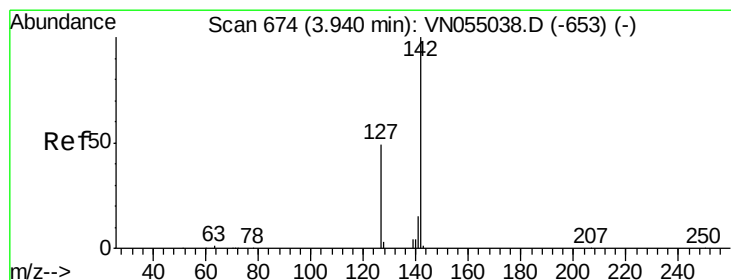
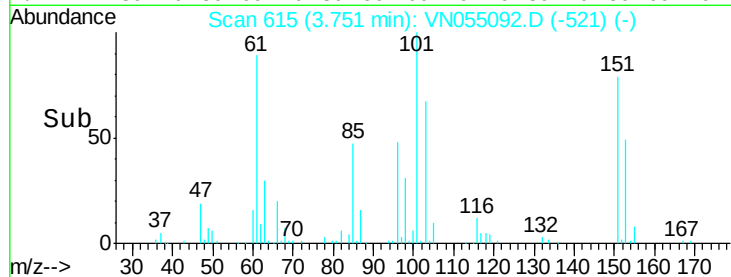
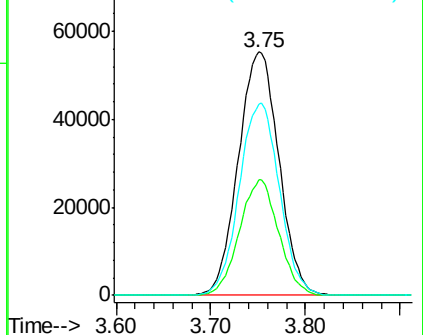
151 78.2 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.071 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

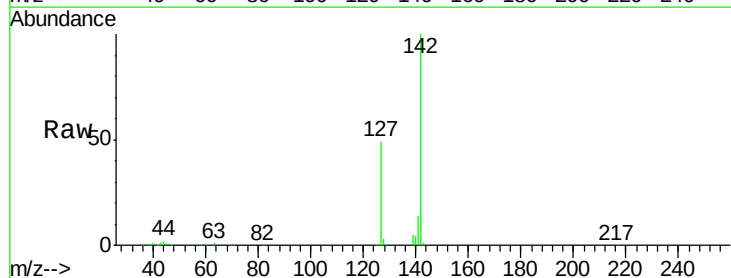
Tgt Ion:142 Resp: 236493

Ion Ratio Lower Upper

142 100

127 48.3 37.9 56.9

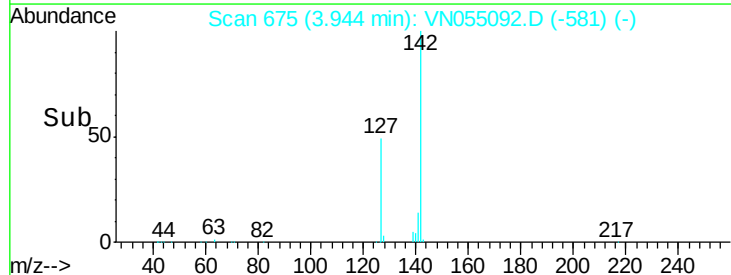
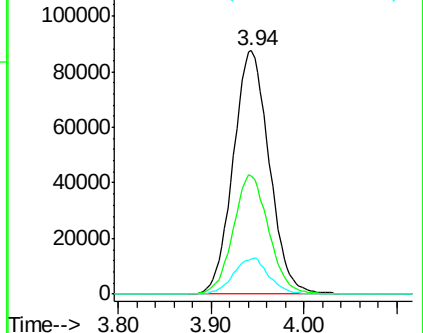
141 14.5 11.8 17.8

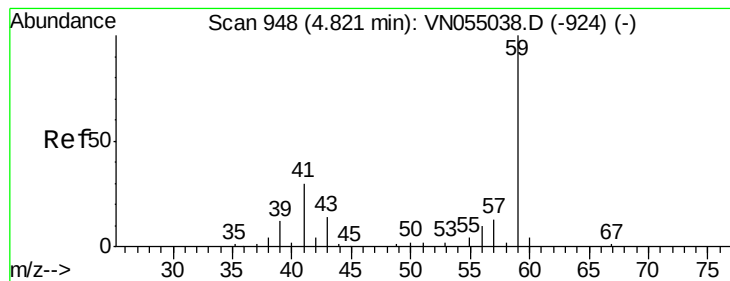


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



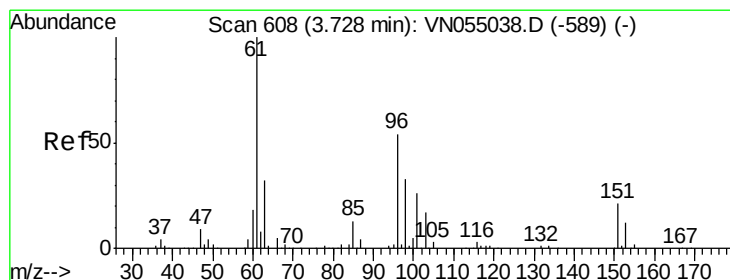
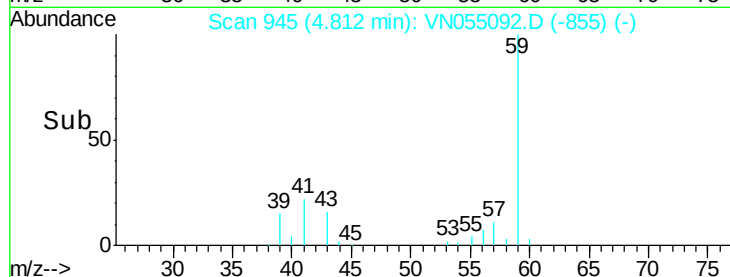
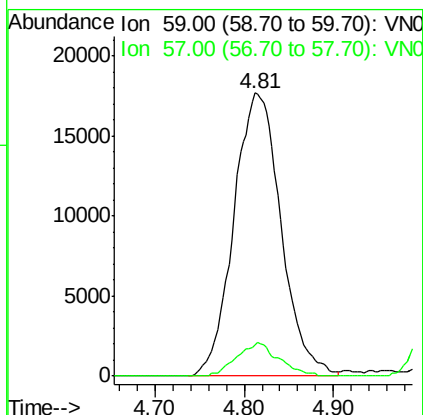
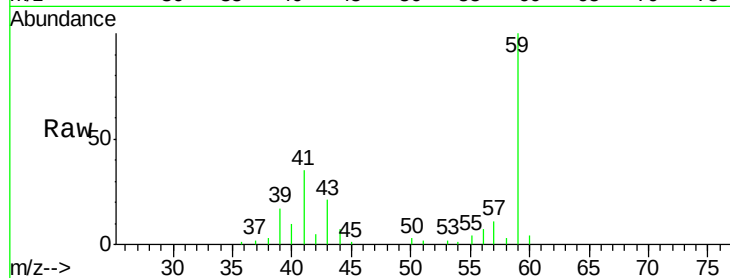


#11

Tert butyl alcohol
 Concen: 205.872 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Instrument :
 MSVOA_N
 ClientSampleId :

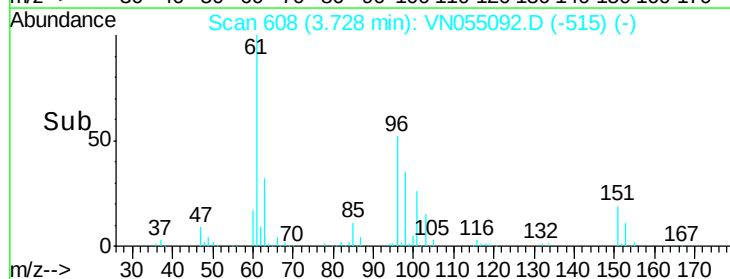
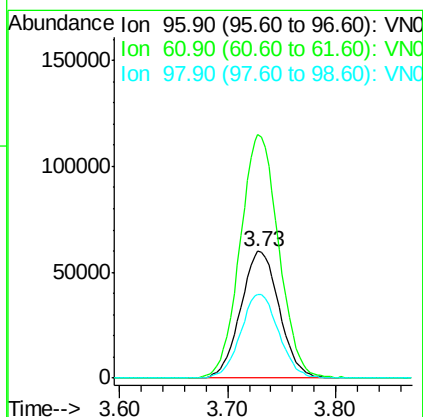
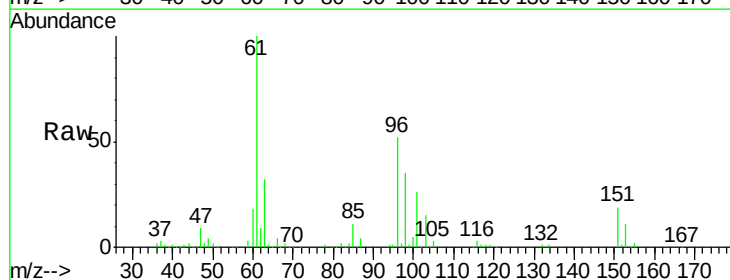
Tot Ion: 59 Resp: 65088
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

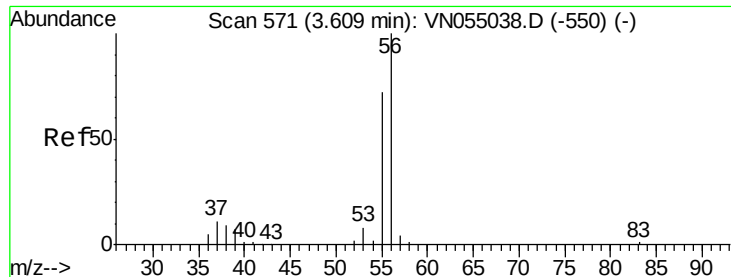


#12

1,1-Dichloroethene
 Concen: 43.302 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion: 96 Resp: 149133
 Ion Ratio Lower Upper
 96 100
 61 192.2 154.2 231.4
 98 66.3 52.9 79.3





#13

Acrolein

Concen: 219.484 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

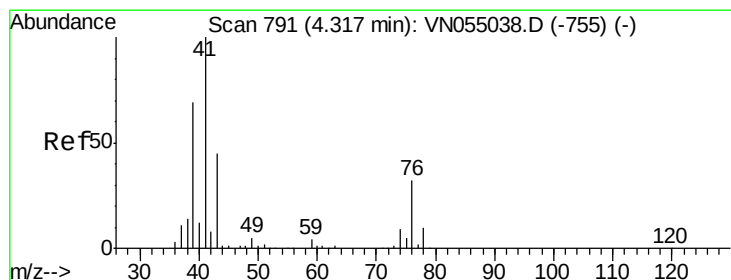
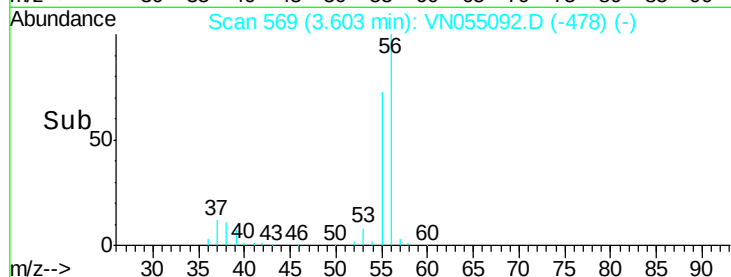
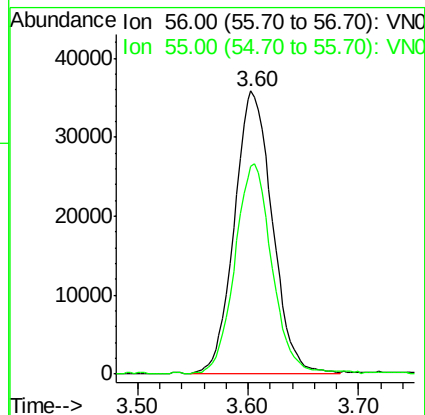
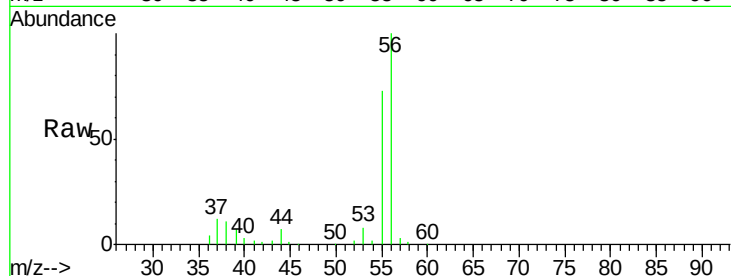
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 85772

Ion Ratio Lower Upper

56 100

55 72.2 59.5 89.3



#14

Allyl chloride

Concen: 45.760 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

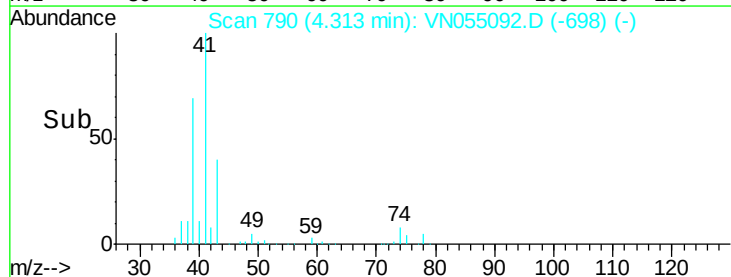
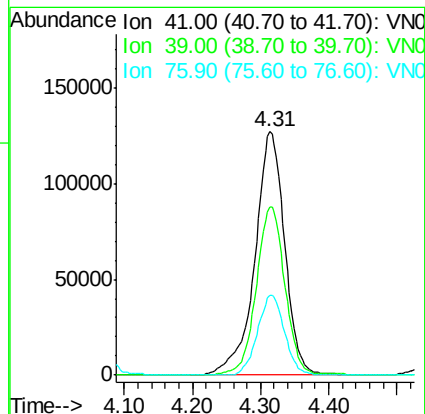
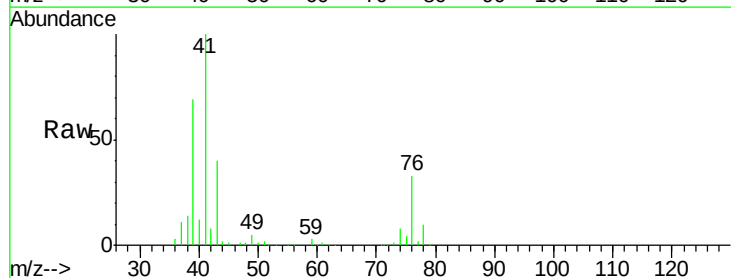
Tgt Ion: 41 Resp: 385772

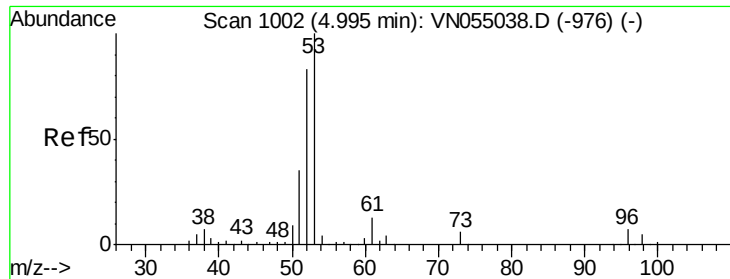
Ion Ratio Lower Upper

41 100

39 65.6 52.7 79.1

76 29.8 23.2 34.8





#15

Acrylonitrile

Concen: 212.532 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampleId :

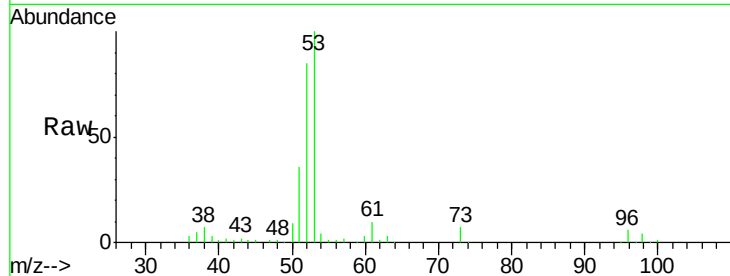
Tot Ion: 53 Resp: 402020

Ion Ratio Lower Upper

53 100

52 83.6 65.9 98.9

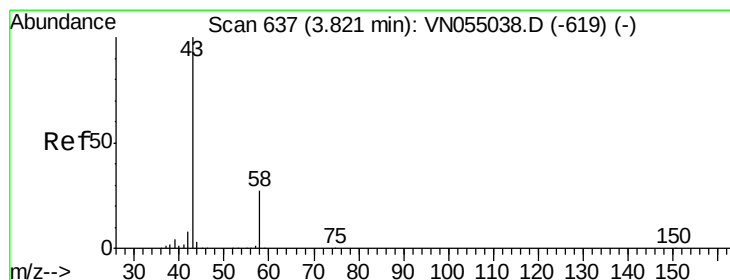
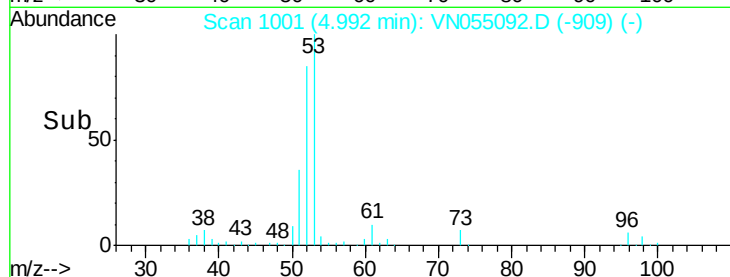
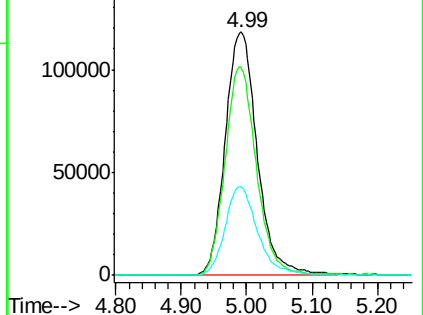
51 37.0 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN055038.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055038.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055038.D (-976) (-)



#16

Acetone

Concen: 259.019 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055092.D

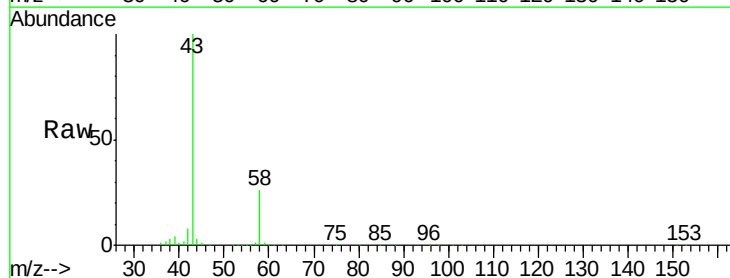
Acq: 17 Apr 2019 8:59

Tgt Ion: 43 Resp: 405497

Ion Ratio Lower Upper

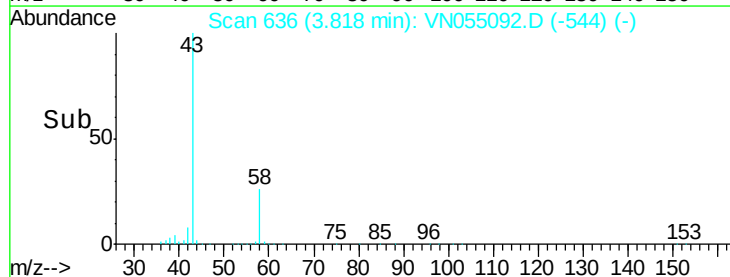
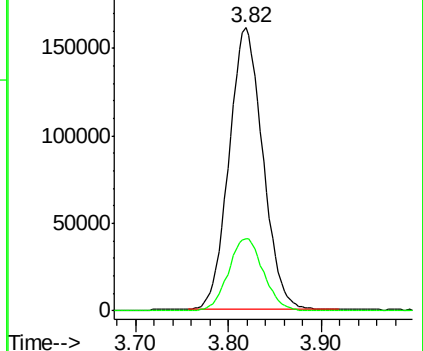
43 100

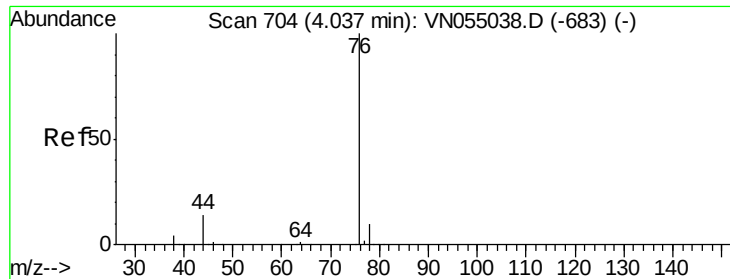
58 25.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-619) (-)

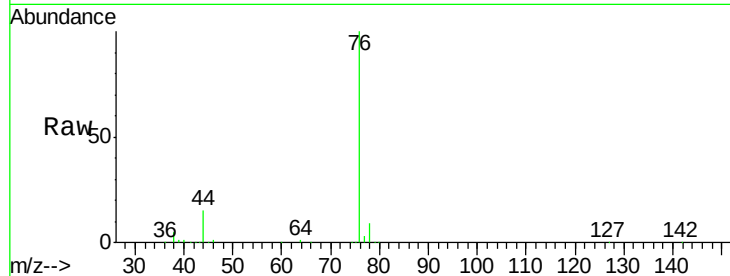




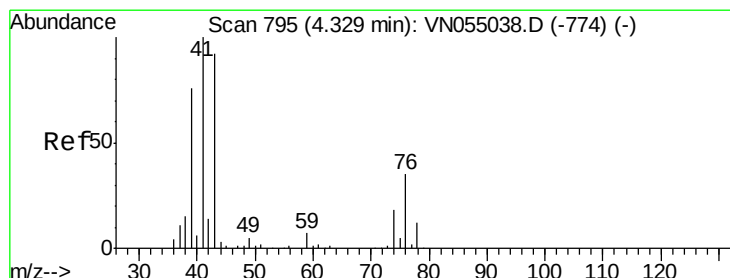
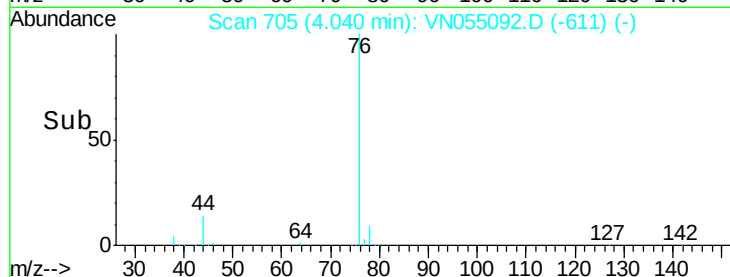
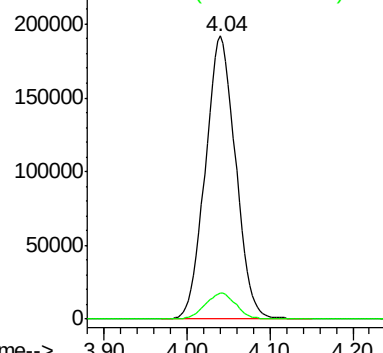
#17
Carbon Disulfide
Concen: 43.771 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 486630
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

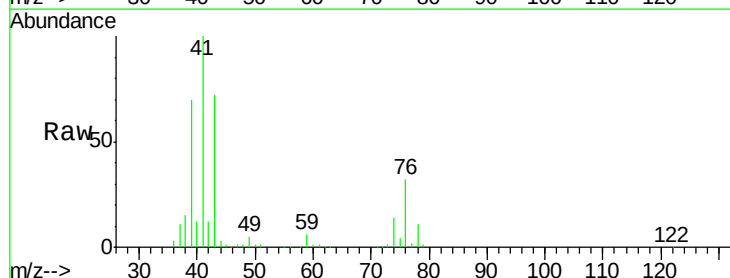


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

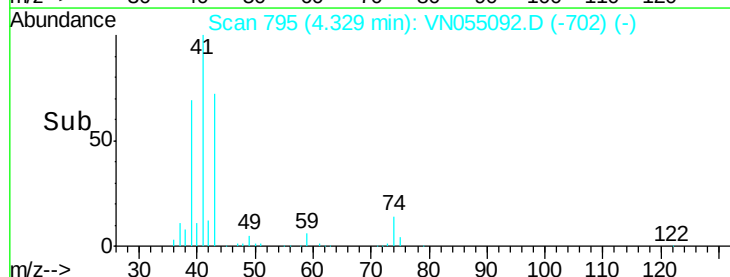
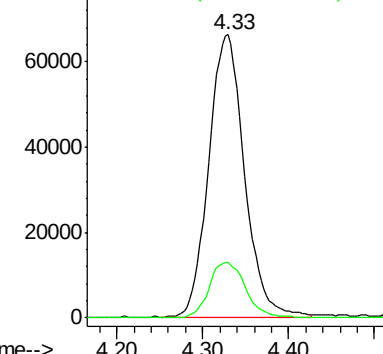


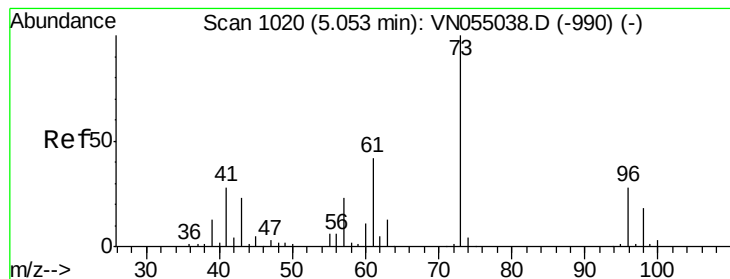
#18
Methyl Acetate
Concen: 42.149 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion: 43 Resp: 190486
Ion Ratio Lower Upper
43 100
74 19.9 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



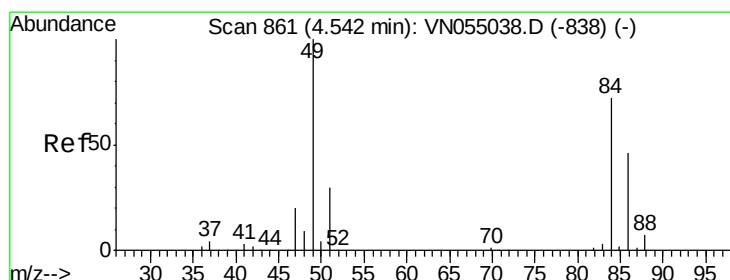
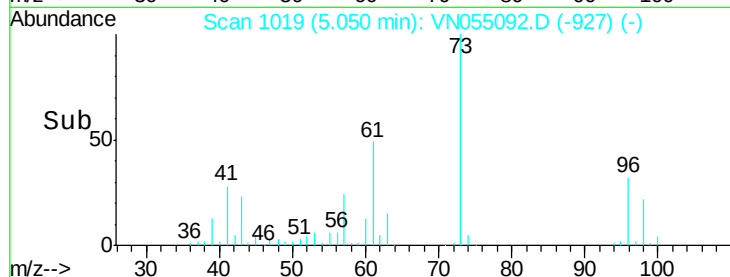
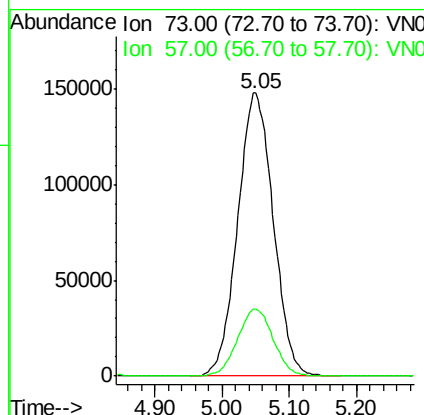
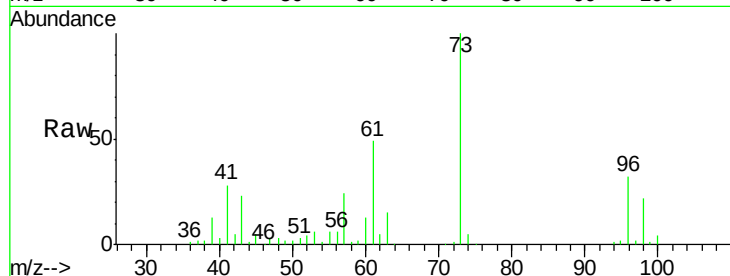


#19

Methyl tert-butyl Ether
 Concen: 43.985 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Instrument :
 MSVOA_N
 ClientSampleId :

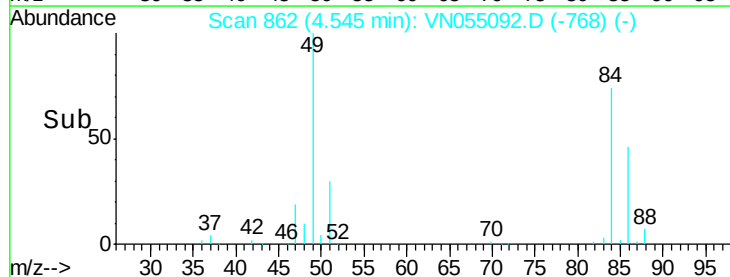
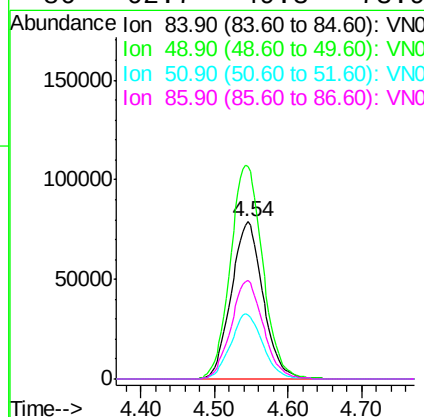
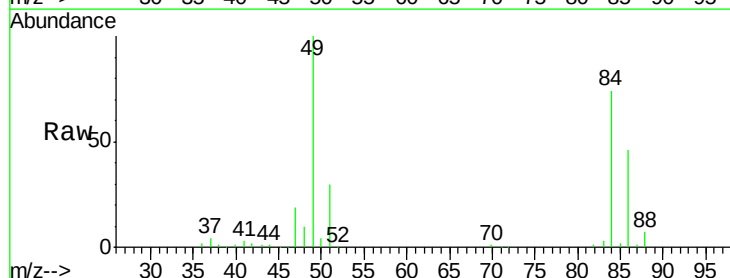
Tot Ion: 73 Resp: 541897
 Ion Ratio Lower Upper
 73 100
 57 23.6 19.0 28.4

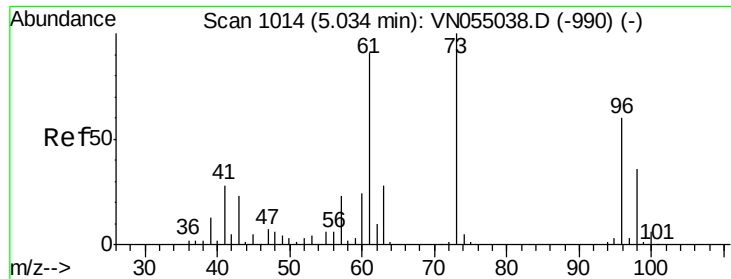


#20

Methylene Chloride
 Concen: 43.054 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion: 84 Resp: 236941
 Ion Ratio Lower Upper
 84 100
 49 135.7 109.4 164.2
 51 40.8 32.2 48.4
 86 62.7 49.3 73.9

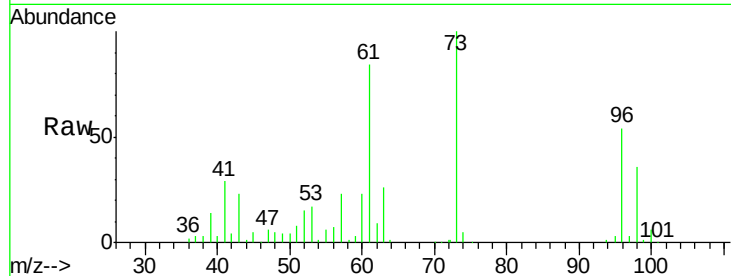




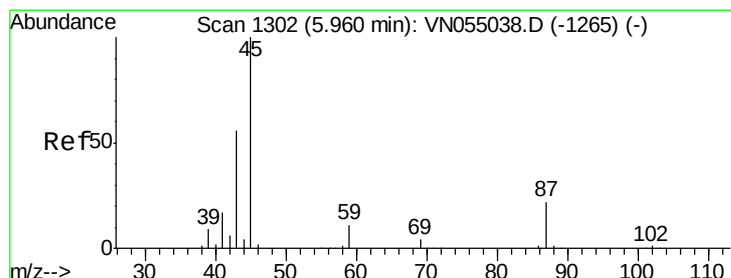
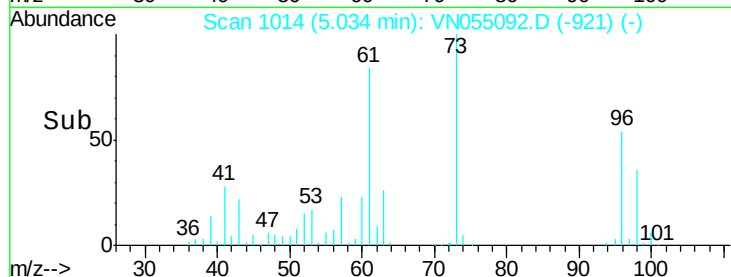
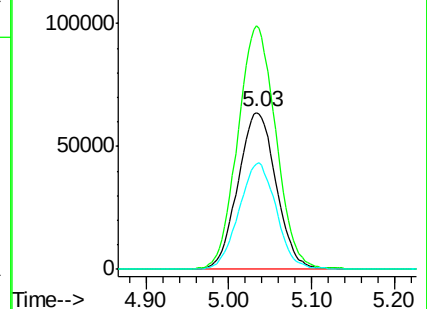
#21
trans-1,2-Dichloroethene
Concen: 43.848 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 204245
Ion Ratio Lower Upper
96 100
61 155.0 114.9 172.3
98 66.9 48.4 72.6

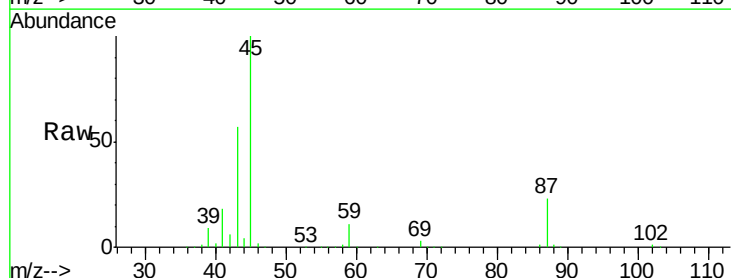


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

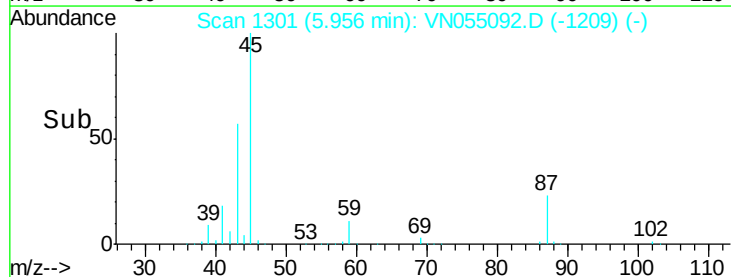
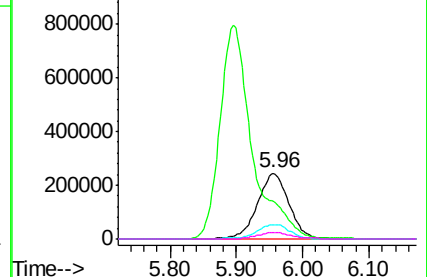


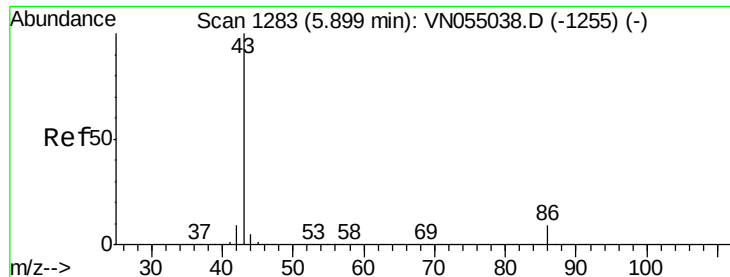
#22
Diisopropyl ether
Concen: 46.706 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion: 45 Resp: 809419
Ion Ratio Lower Upper
45 100
43 56.0 44.8 67.2
87 22.4 18.9 28.3
59 10.5 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: 235.570 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

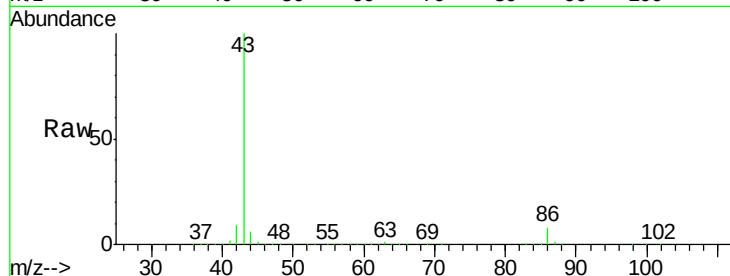
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2698459

Ion Ratio Lower Upper

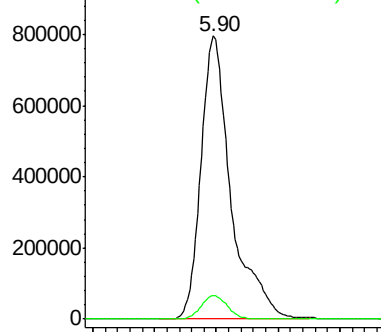
43 100

86 8.4 7.0 10.4

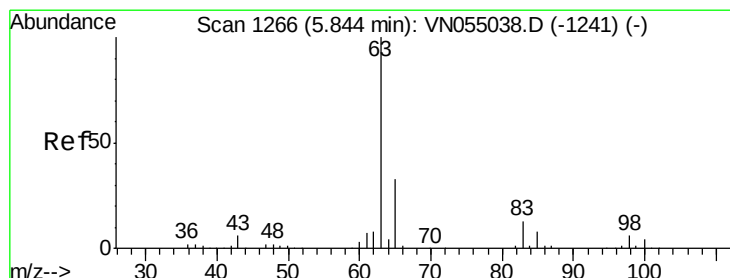
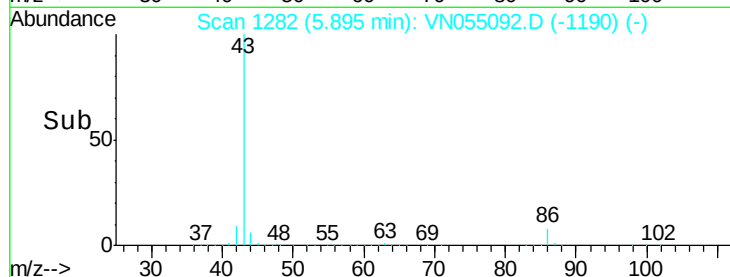


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 45.864 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

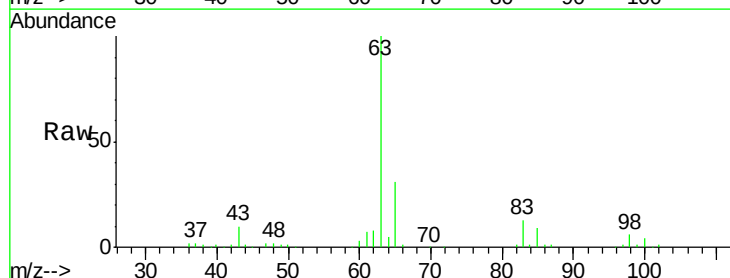
Tgt Ion: 63 Resp: 423266

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

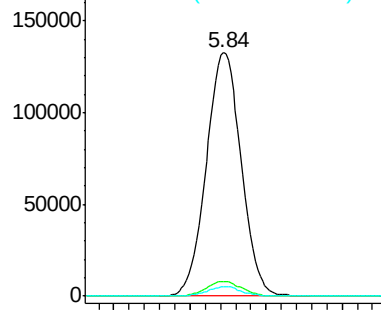
100 3.9 2.0 5.8



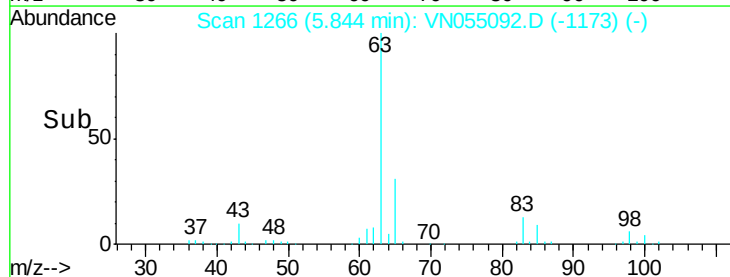
Abundance Ion 62.90 (62.60 to 63.60): VN0

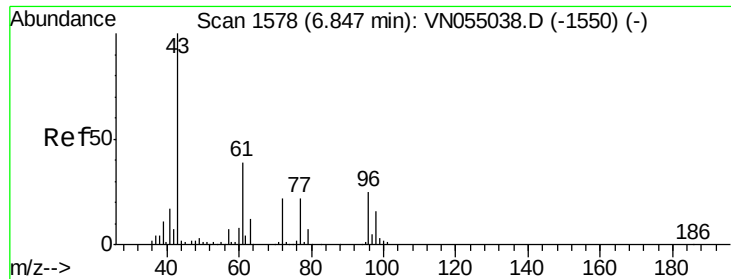
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->

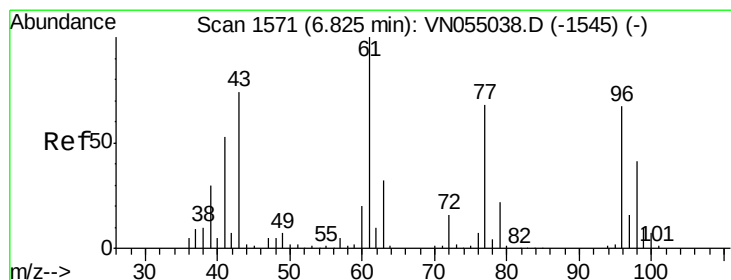
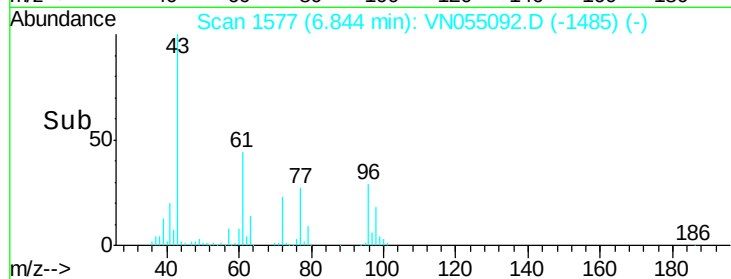
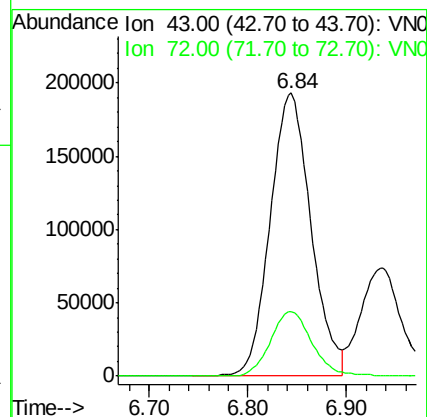
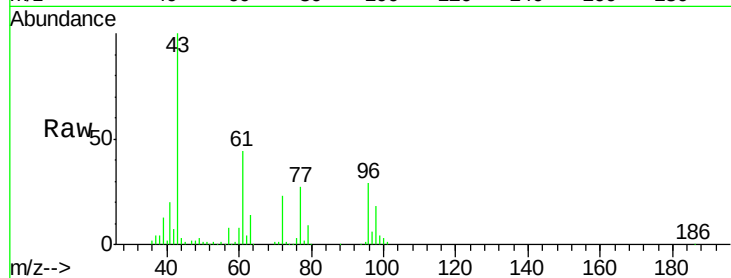




#25
2-Butanone
Concen: 236.002 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

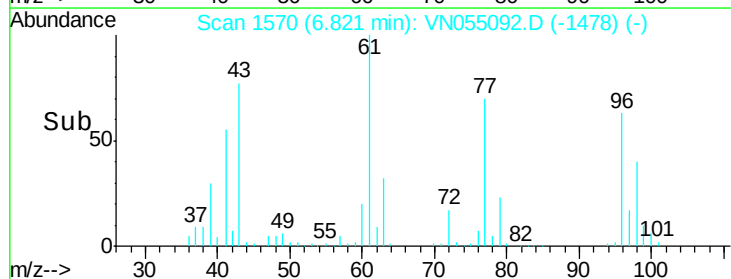
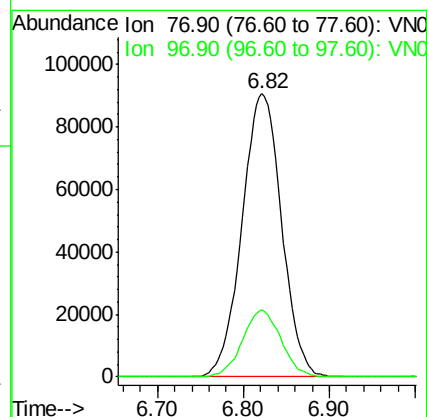
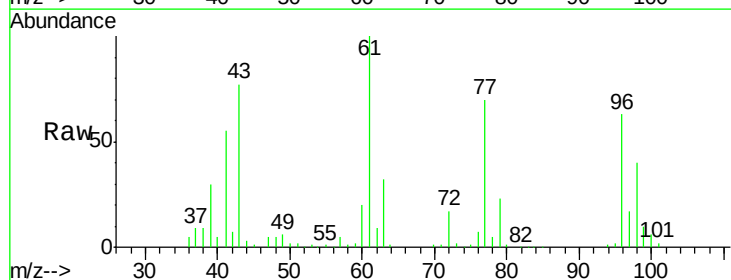
Instrument :
MSVOA_N
ClientSampled :

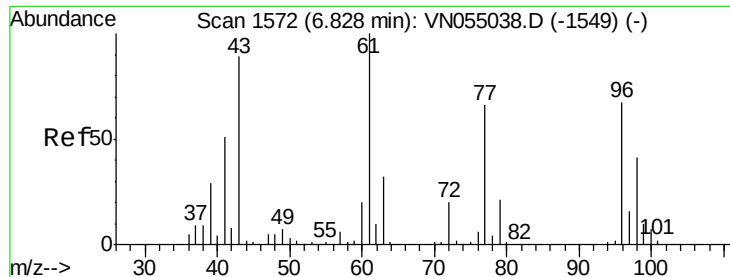
Tot Ion: 43 Resp: 551418
Ion Ratio Lower Upper
43 100
72 22.9 18.1 27.1



#26
2,2-Dichloropropane
Concen: 49.774 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion: 77 Resp: 289923
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 46.099 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :
MSVOA_N
ClientSampleId :

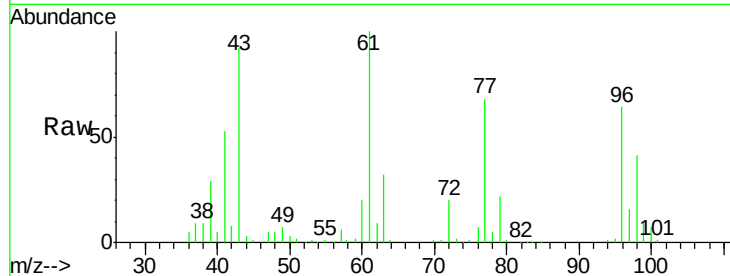
Tot Ion: 96 Resp: 242935

Ion Ratio Lower Upper

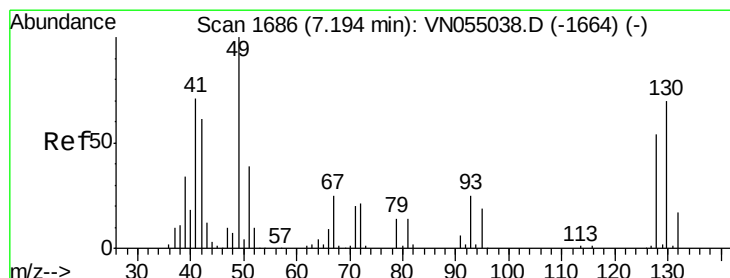
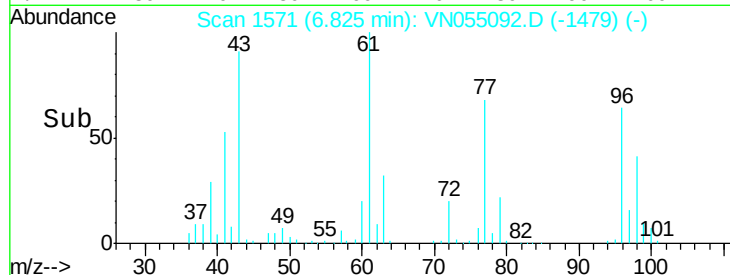
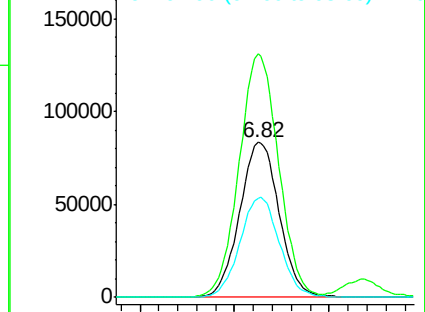
96 100

61 156.6 0.0 311.0

98 64.4 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: 45.395 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

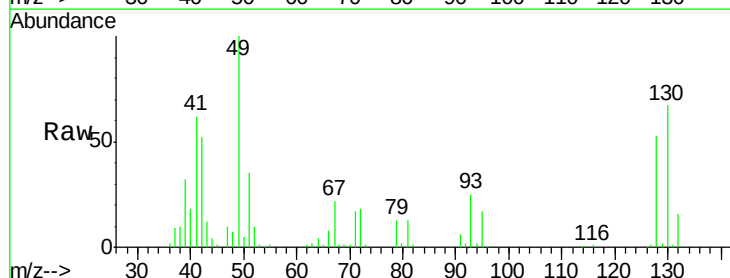
Tgt Ion: 49 Resp: 201949

Ion Ratio Lower Upper

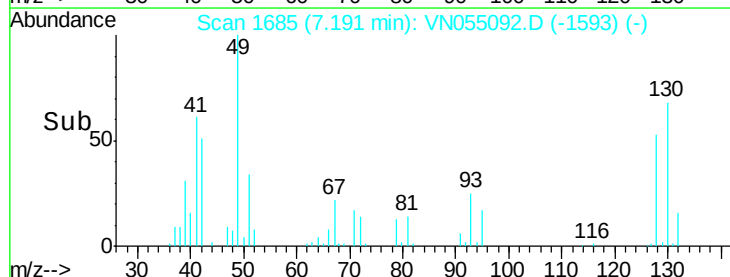
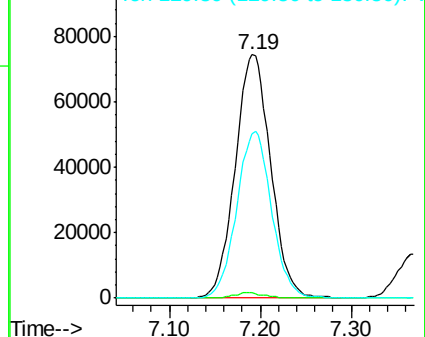
49 100

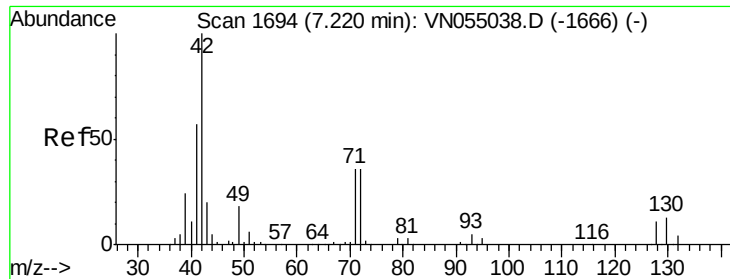
129 1.9 0.0 2.0

130 67.1 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

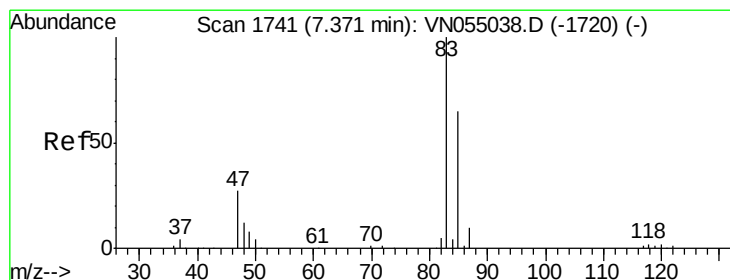
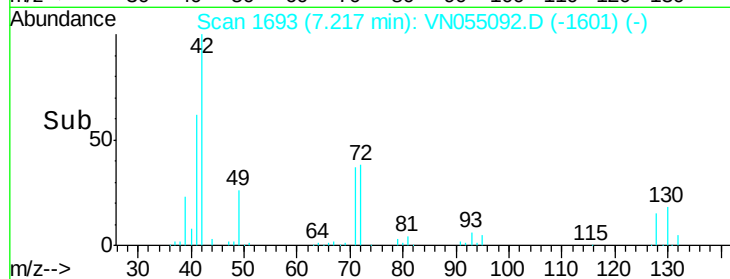
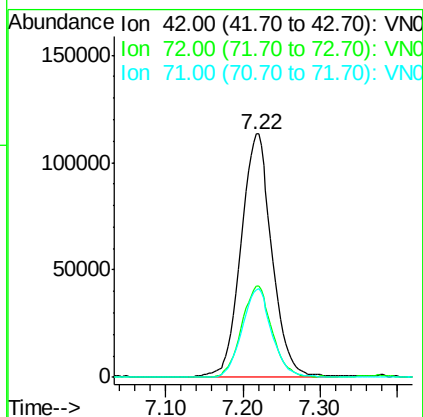
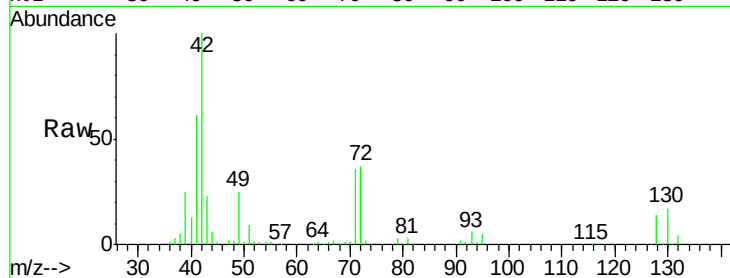




#29
Tetrahydrofuran
Concen: 203.951 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

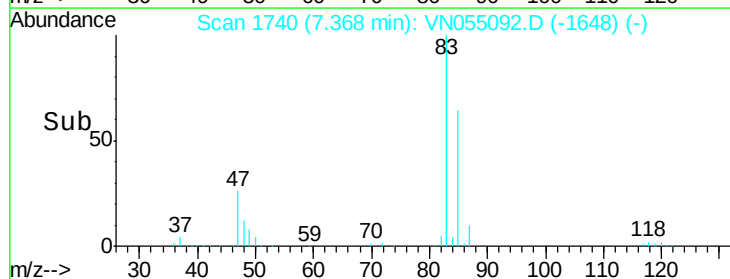
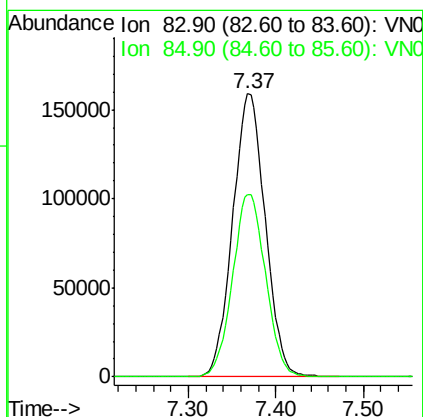
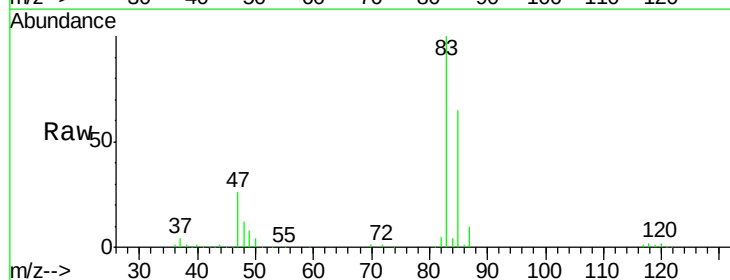
Instrument :
MSVOA_N
ClientSampled :

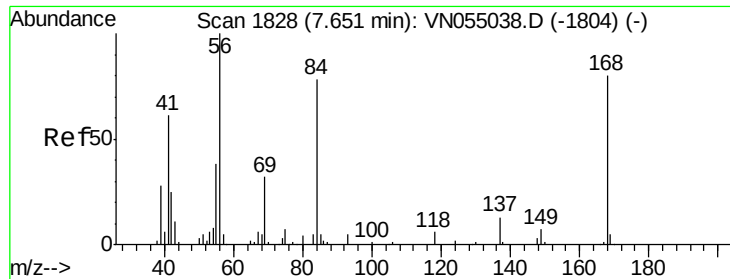
Tot Ion: 42 Resp: 312495
Ion Ratio Lower Upper
42 100
72 37.1 29.4 44.0
71 35.3 27.8 41.6



#30
Chloroform
Concen: 45.879 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion: 83 Resp: 411271
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6





#31

Cyclohexane

Concen: 46.970 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampled :

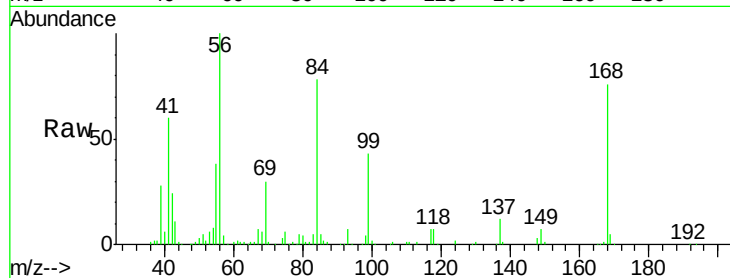
Tot Ion: 56 Resp: 383855

Ion Ratio Lower Upper

56 100

69 29.8 24.5 36.7

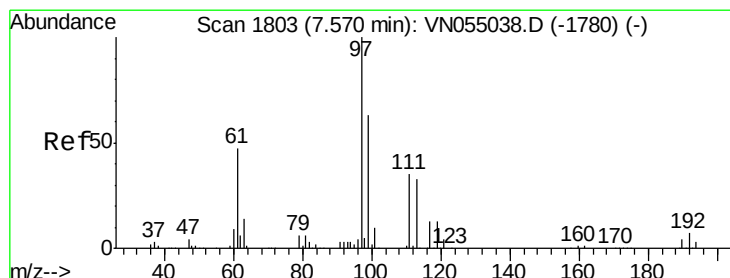
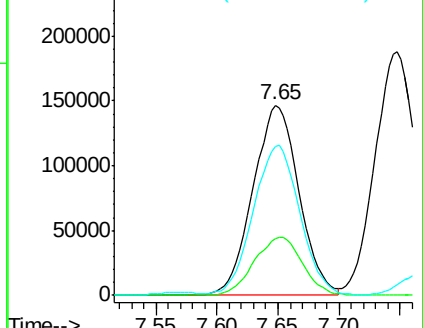
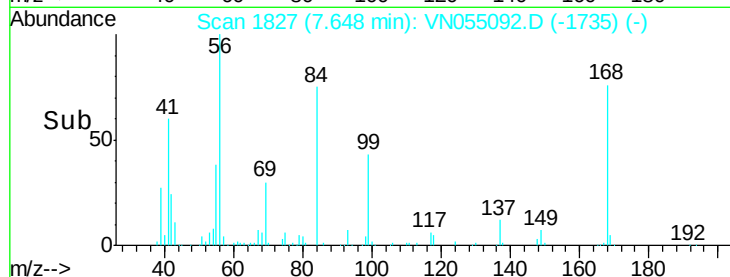
84 76.7 62.9 94.3



Abundance Ion 56.00 (55.70 to 56.70): VN055092.D (-1735) (-)

Ion 69.00 (68.70 to 69.70): VN055092.D (-1735) (-)

Ion 84.00 (83.70 to 84.70): VN055092.D (-1735) (-)



#32

1,1,1-Trichloroethane

Concen: 46.234 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

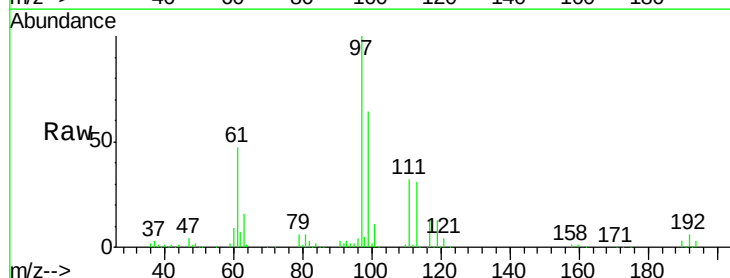
Tgt Ion: 97 Resp: 328364

Ion Ratio Lower Upper

97 100

99 63.8 51.6 77.4

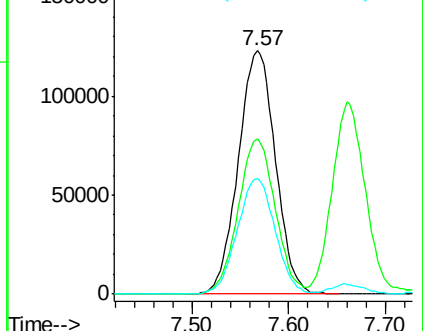
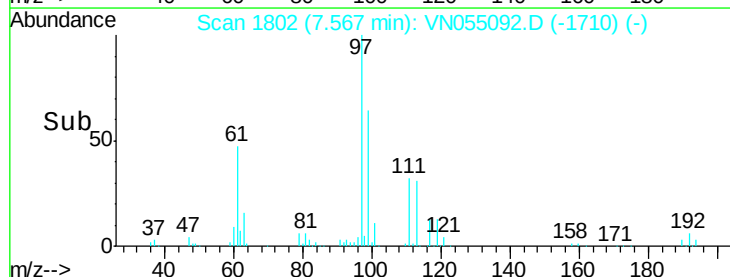
61 48.1 38.3 57.5

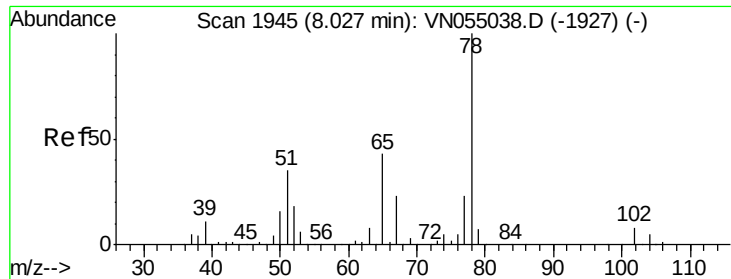


Abundance Ion 96.90 (96.60 to 97.60): VN055092.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055092.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055092.D (-1710) (-)

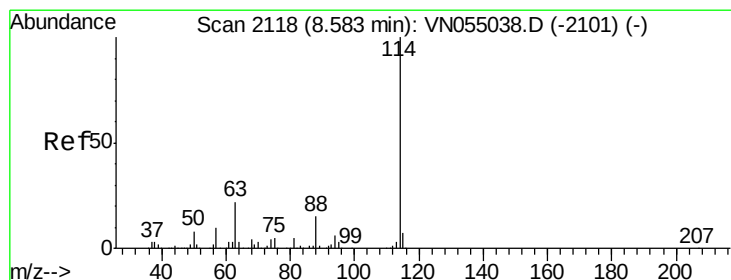
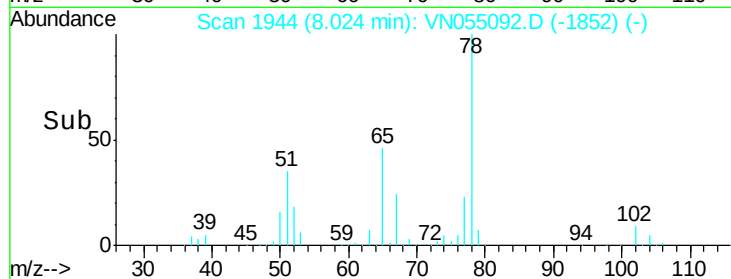
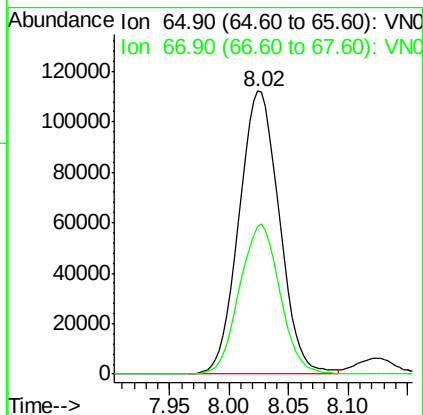
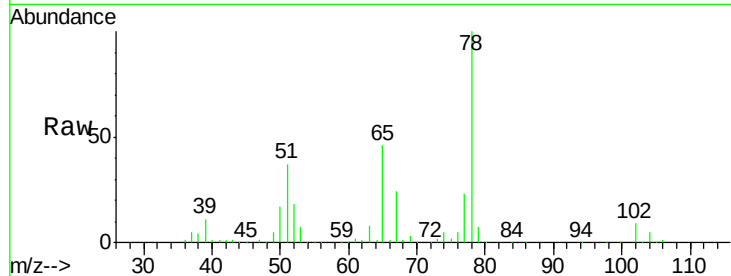




#33
 1,2-Dichloroethane-d4
 Concen: 45.841 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

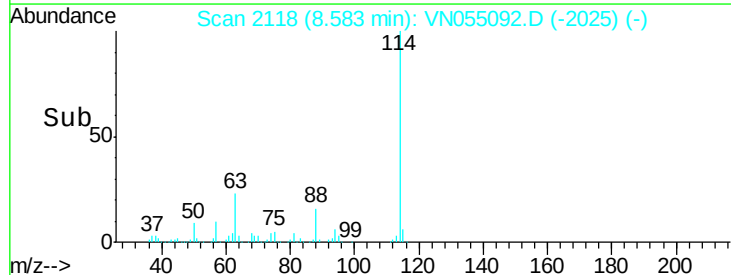
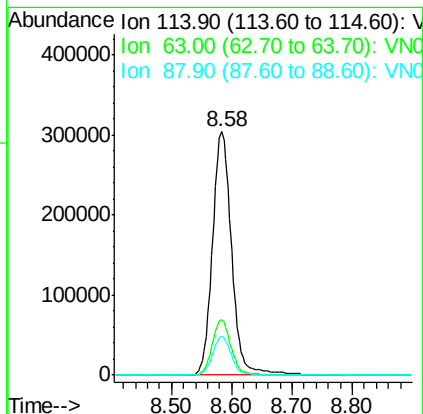
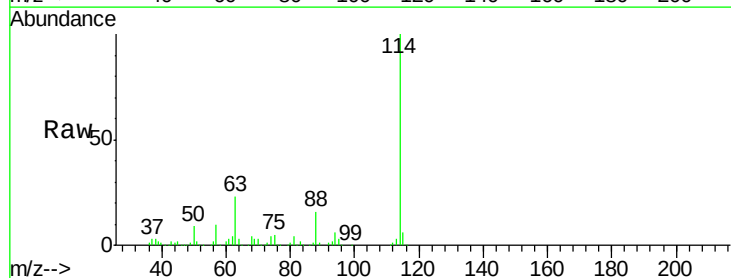
Instrument :
 MSVOA_N
 ClientSampled :

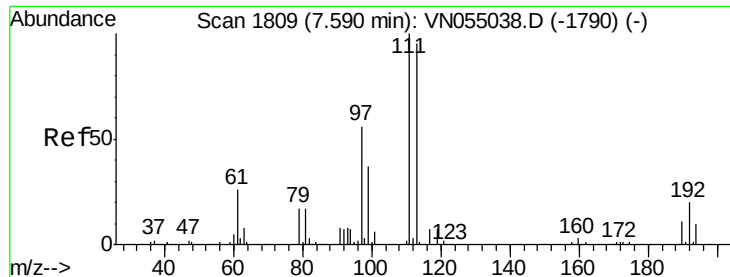
Tot Ion: 65 Resp: 264404
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion: 114 Resp: 659222
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.2
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.091 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :
MSVOA_N
ClientSampleId :

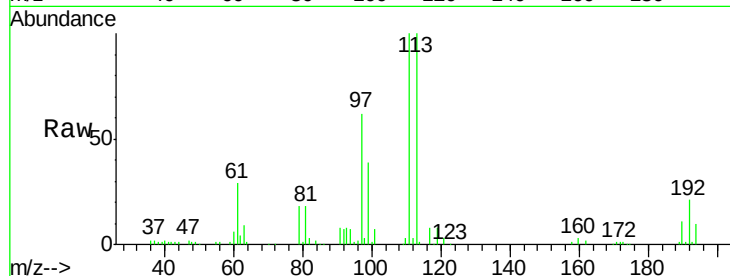
Tot Ion:113 Resp: 220681

Ion Ratio Lower Upper

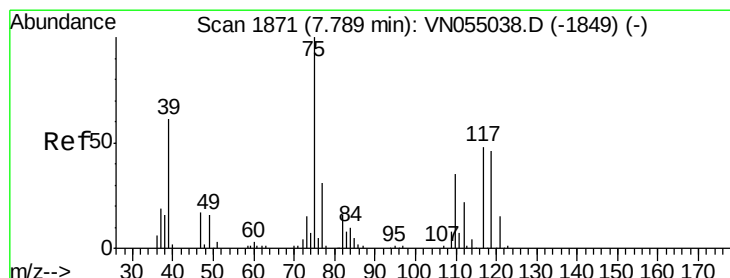
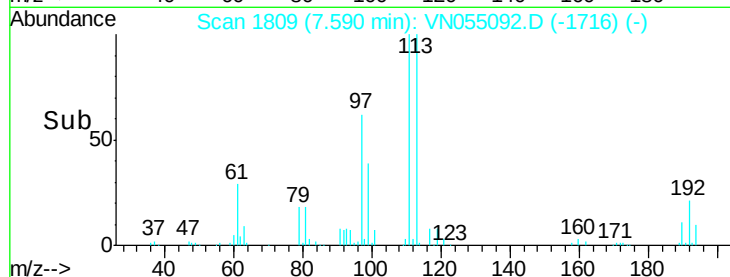
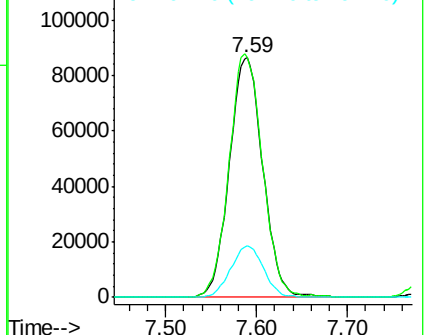
113 100

111 101.2 82.1 123.1

192 21.0 16.5 24.7



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



#36

1,1-Dichloropropene

Concen: 49.239 ug/l

RT: 7.79 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

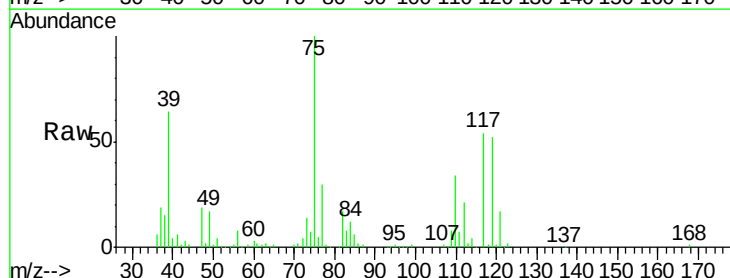
Tgt Ion: 75 Resp: 305990

Ion Ratio Lower Upper

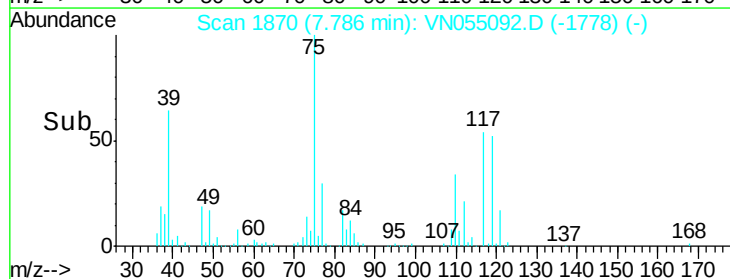
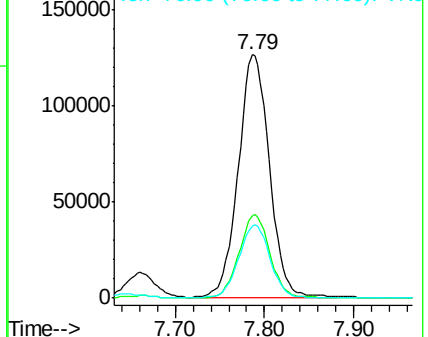
75 100

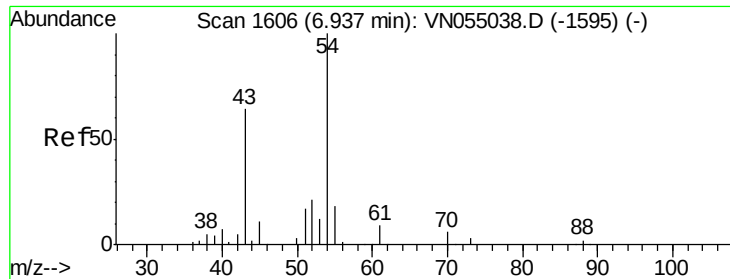
110 34.3 17.5 52.5

77 30.7 24.9 37.3



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

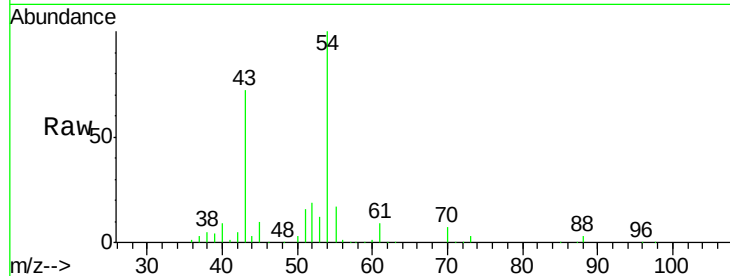




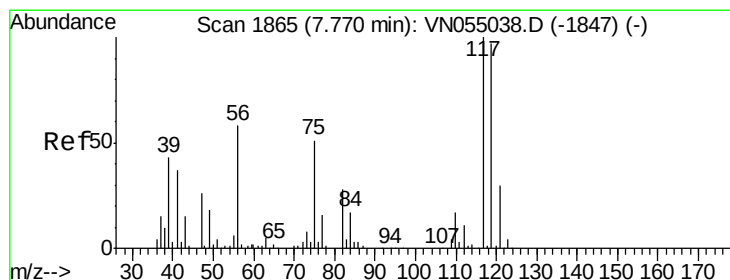
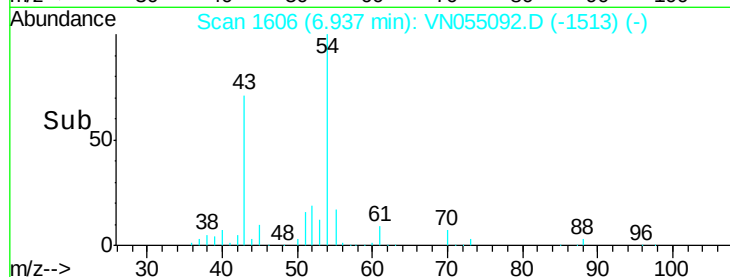
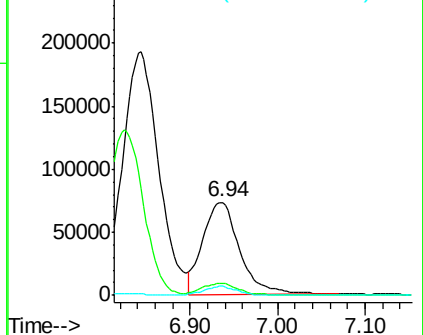
#37
Ethyl Acetate
Concen: 42.340 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 214206
Ion Ratio Lower Upper
43 100
61 12.8 10.0 15.0
70 8.5 7.1 10.7

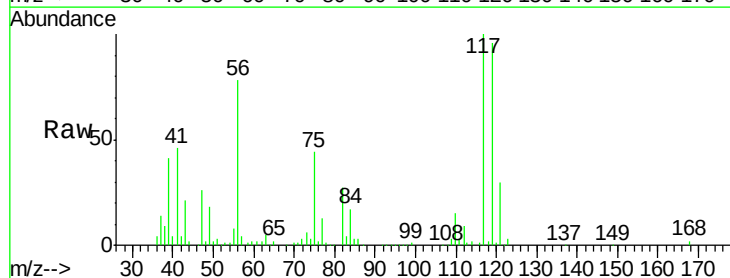


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

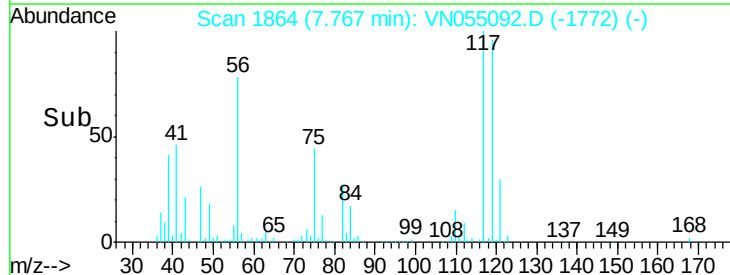
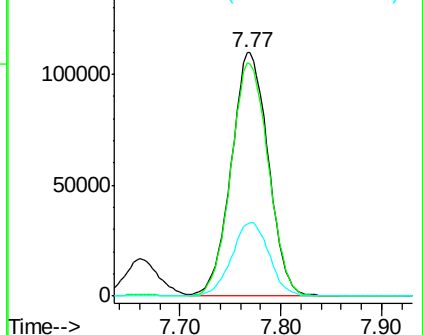


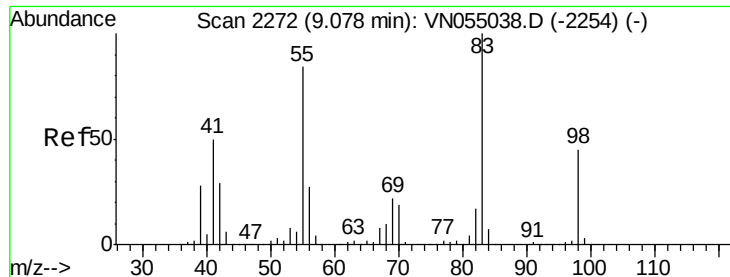
#38
Carbon Tetrachloride
Concen: 47.319 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion: 117 Resp: 279770
Ion Ratio Lower Upper
117 100
119 95.7 76.3 114.5
121 29.6 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

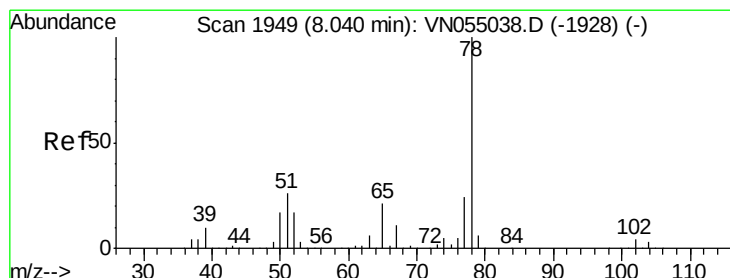
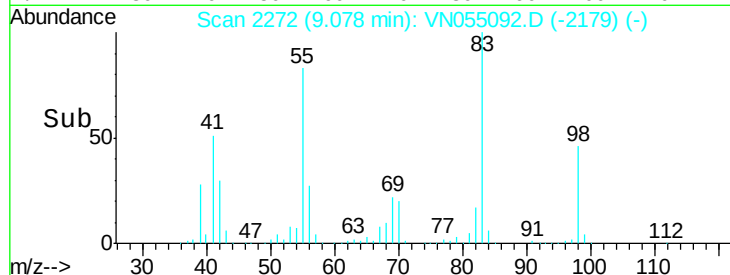
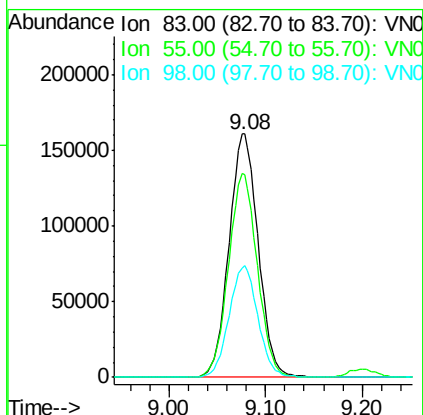
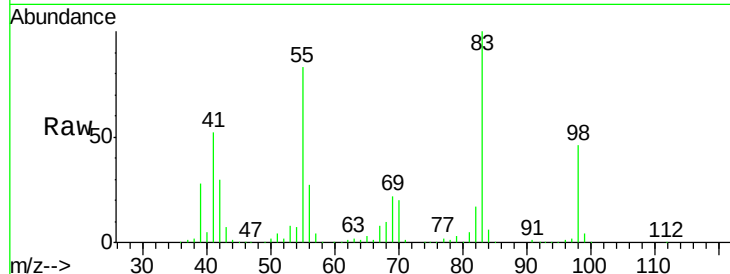




#39
Methylvlcyclohexane
Concen: 49.989 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

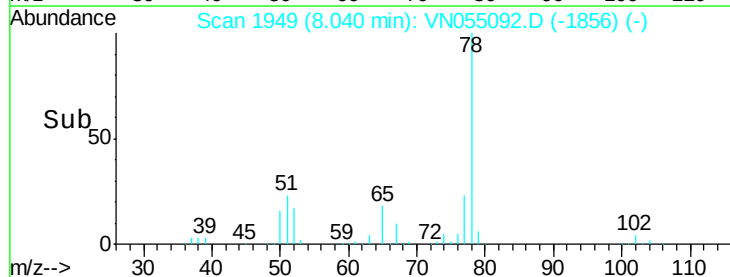
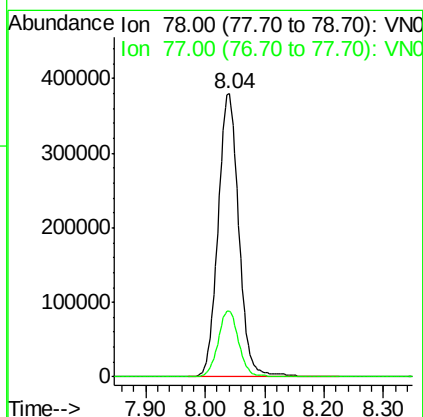
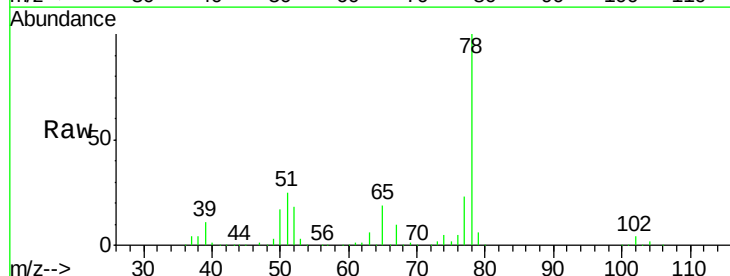
Instrument :
MSVOA_N
ClientSampleId :

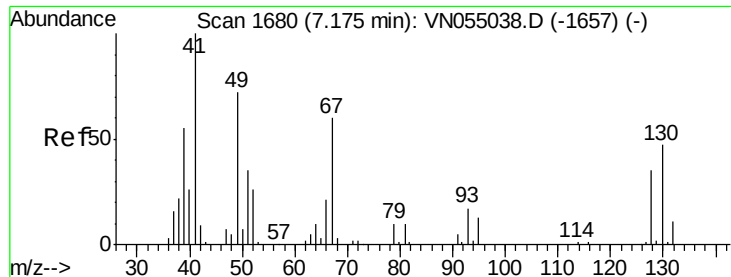
Tot Ion: 83 Resp: 336630
Ion Ratio Lower Upper
83 100
55 83.0 67.0 100.4
98 45.8 35.6 53.4



#40
Benzene
Concen: 48.977 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion: 78 Resp: 917310
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

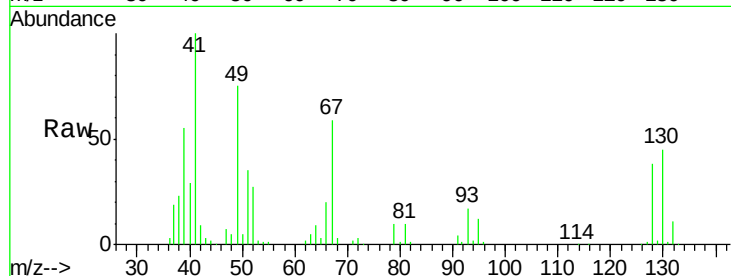




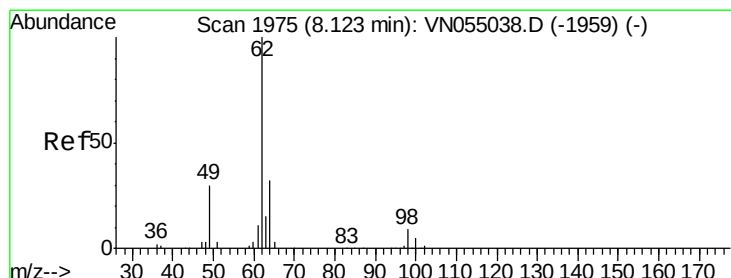
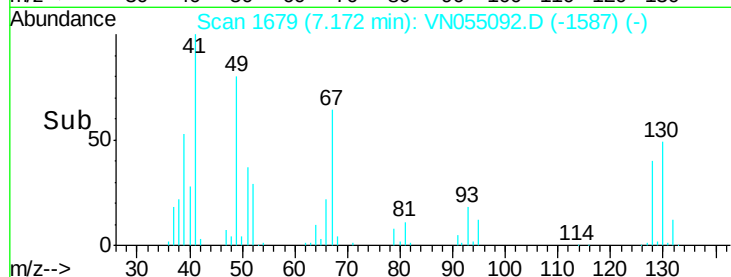
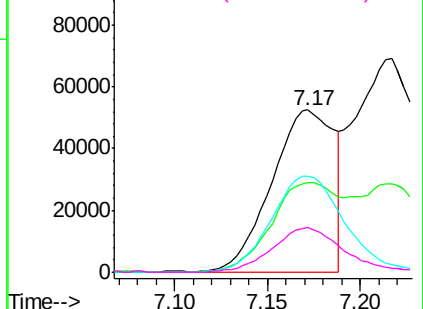
#41
Methacrylonitrile
Concen: 43.533 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	122257
Ion	Ratio	Lower	Upper
41	100		
39	59.3	45.6	68.4
67	70.6	57.0	85.6
52	30.4	23.6	35.4

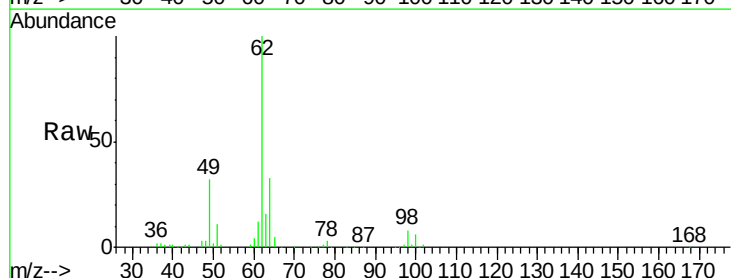


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

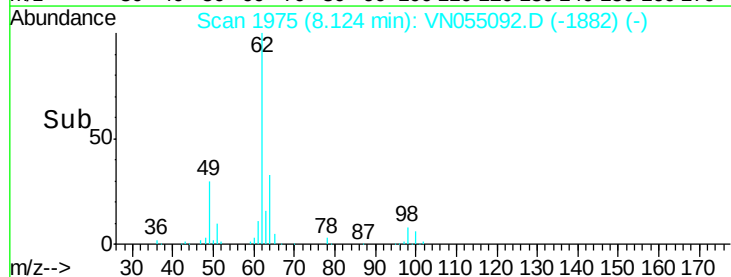
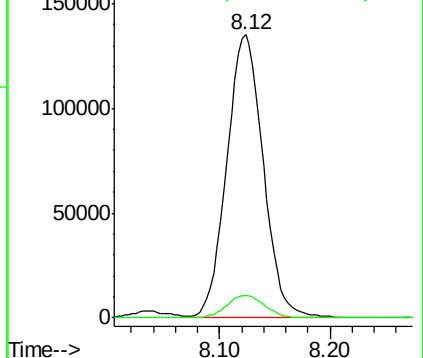


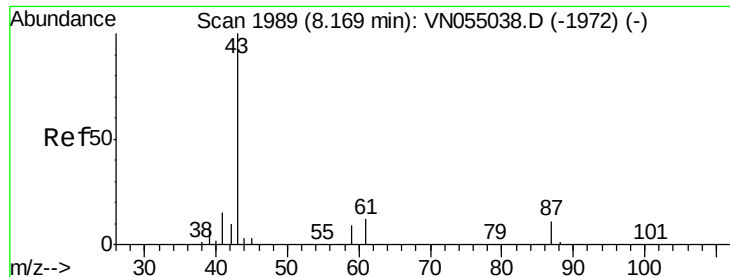
#42
1,2-Dichloroethane
Concen: 47.329 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion:	62	Resp:	307770
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 46.649 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampleId :

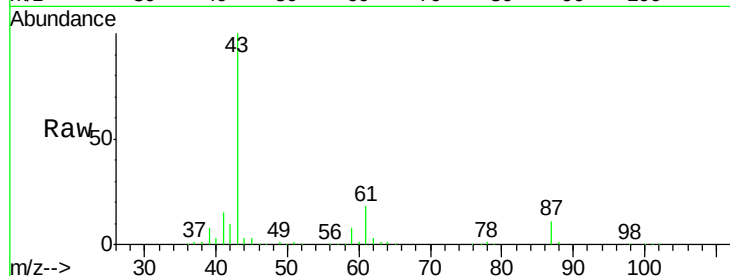
Tot Ion: 43 Resp: 363661

Ion Ratio Lower Upper

43 100

61 17.7 14.3 21.5

87 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)

8.17

150000

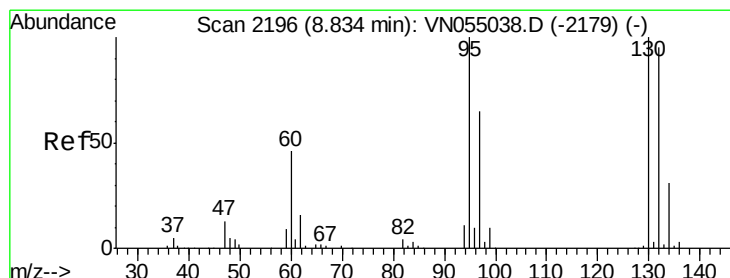
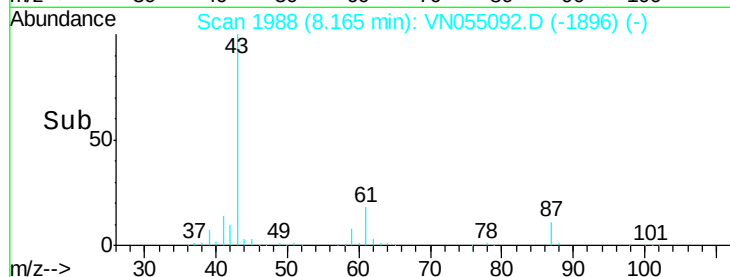
100000

50000

0

8.10 8.20

Time-->



#44

Trichloroethene

Concen: 49.498 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055092.D

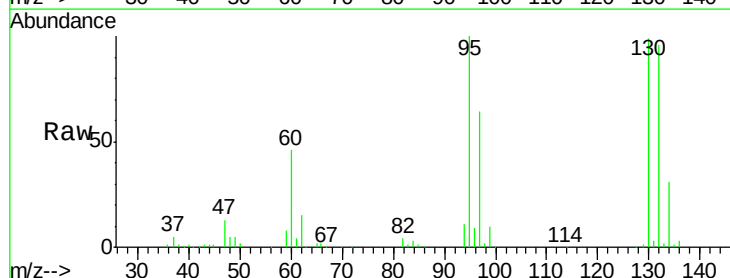
Acq: 17 Apr 2019 8:59

Tgt Ion:130 Resp: 232206

Ion Ratio Lower Upper

130 100

95 100.9 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN055038.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055038.D (-2179) (-)

8.83

120000

100000

80000

60000

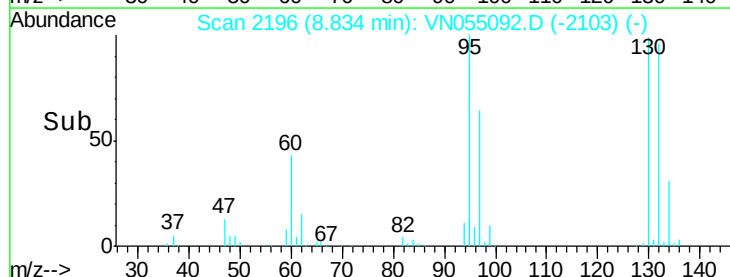
40000

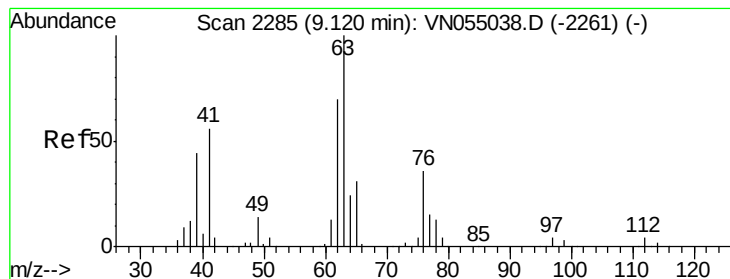
20000

0

8.70 8.80 8.90 9.00

Time-->





#45

1,2-Dichloropropane

Concen: 49.227 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

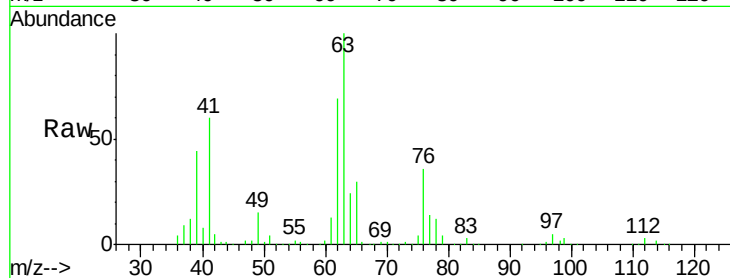
ClientSampled :

Tot Ion: 63 Resp: 257132

Ion Ratio Lower Upper

63 100

65 30.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

150000

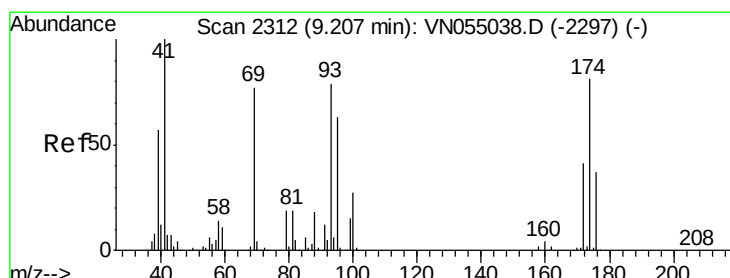
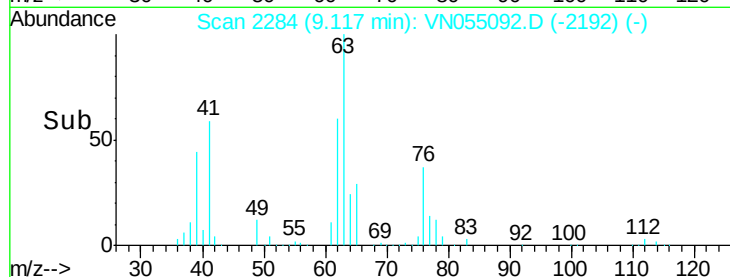
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 47.510 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

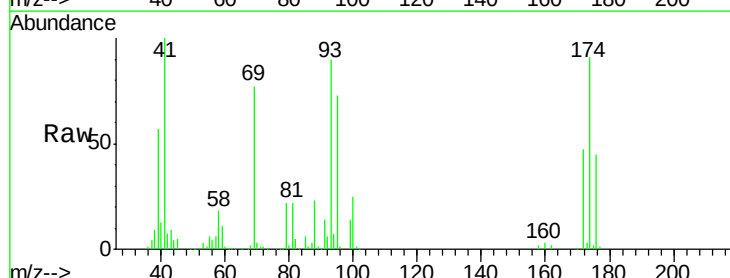
Tgt Ion: 93 Resp: 141251

Ion Ratio Lower Upper

93 100

95 83.0 65.0 97.6

174 103.4 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

9.21

80000

60000

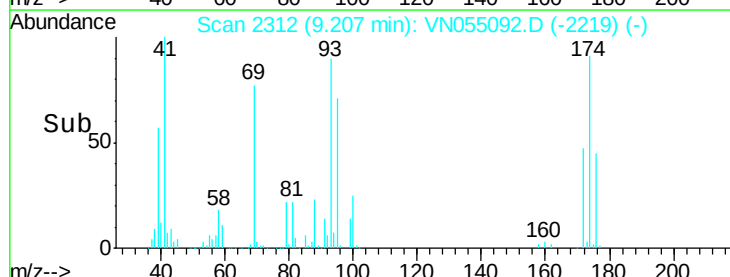
40000

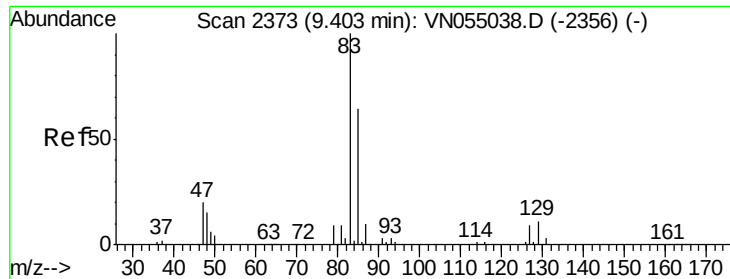
20000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 50.266 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampleId :

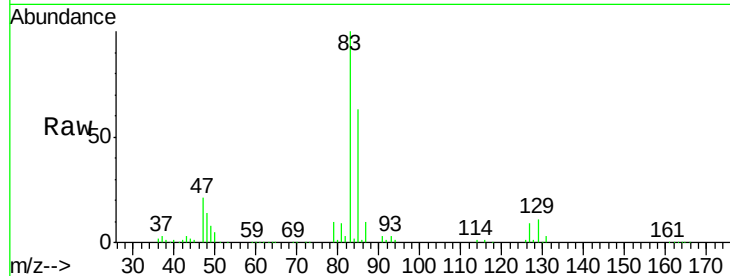
Tot Ion: 83 Resp: 308115

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

127 8.7 6.8 10.2

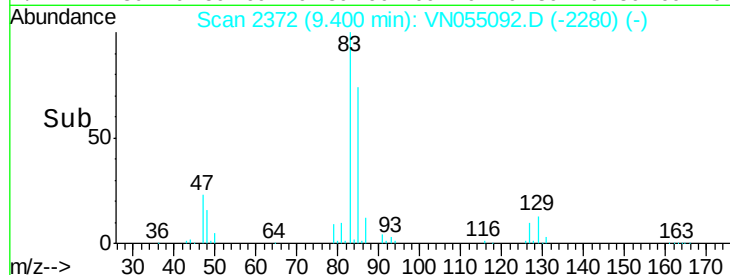


Abundance Ion 82.90 (82.60 to 83.60): VN055092.D (-2280) (-)

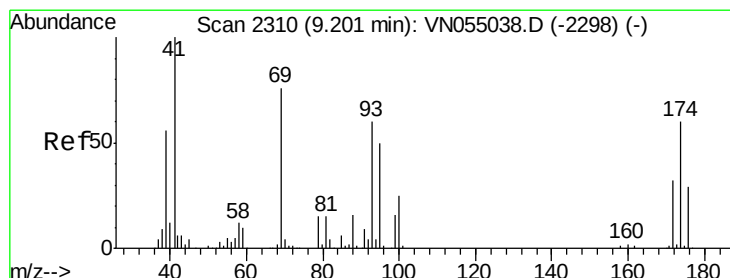
Ion 84.90 (84.60 to 85.60): VN055092.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055092.D (-2280) (-)

Time-->



Time-->



#48

Methyl methacrylate

Concen: 46.650 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

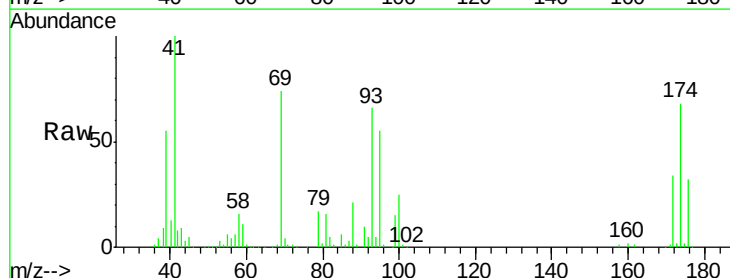
Tgt Ion: 41 Resp: 180253

Ion Ratio Lower Upper

41 100

69 77.9 60.5 90.7

39 55.5 43.9 65.9

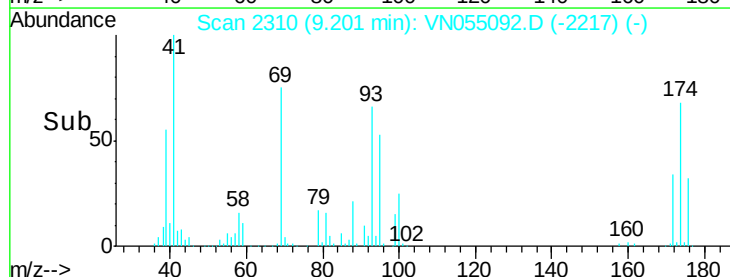


Abundance Ion 41.00 (40.70 to 41.70): VN055092.D (-2217) (-)

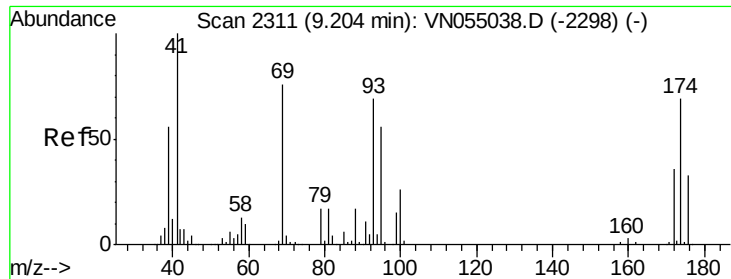
Ion 69.00 (68.70 to 69.70): VN055092.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055092.D (-2217) (-)

Time-->



Time-->



#49

1,4-Dioxane

Concen: 1096.834 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :
MSVOA_N
ClientSampled :

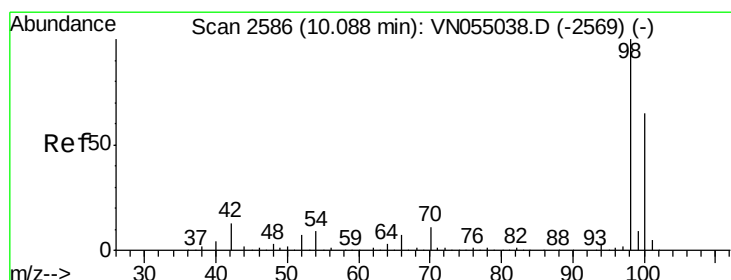
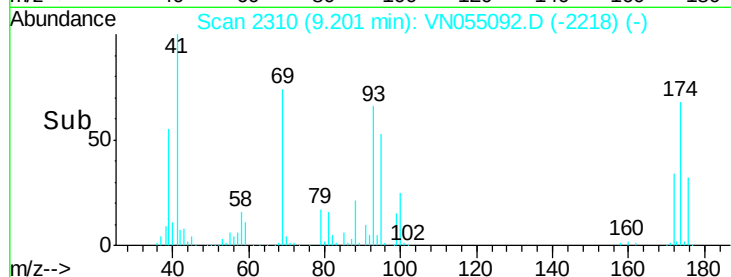
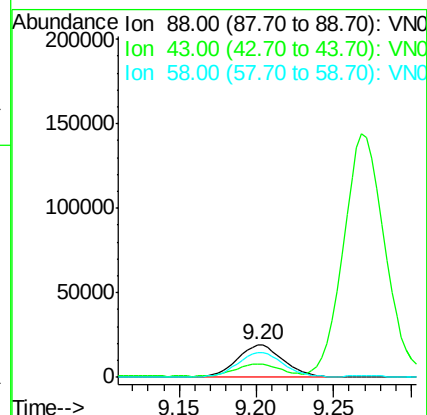
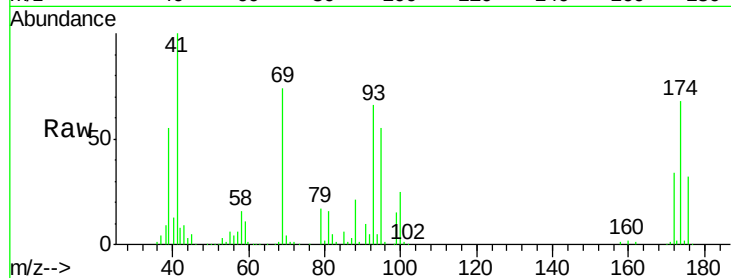
Tot Ion: 88 Resp: 39706

Ion Ratio Lower Upper

88 100

43 37.6 31.8 47.8

58 77.3 61.6 92.4



#50

Toluene-d8

Concen: 52.142 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055092.D

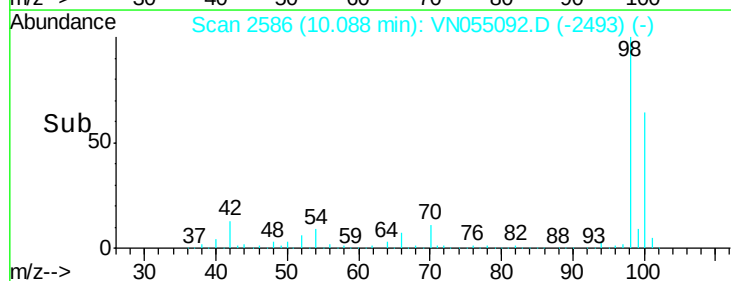
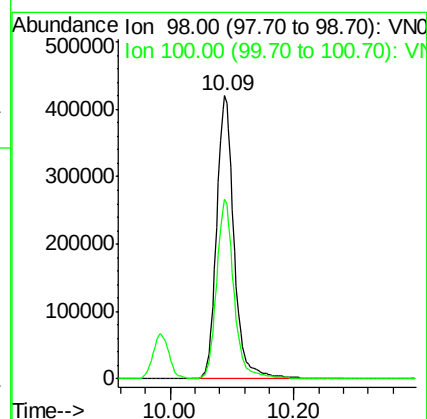
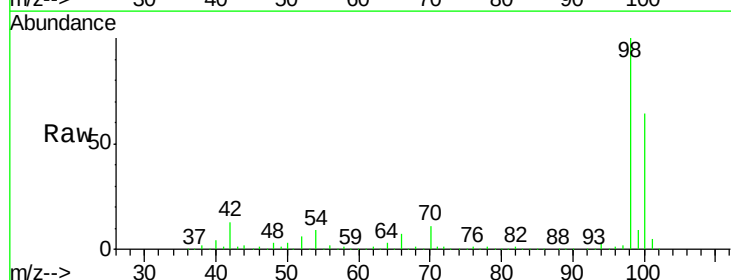
Acq: 17 Apr 2019 8:59

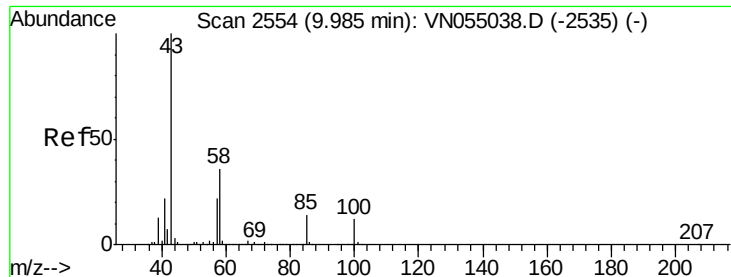
Tgt Ion: 98 Resp: 822185

Ion Ratio Lower Upper

98 100

100 62.3 51.1 76.7

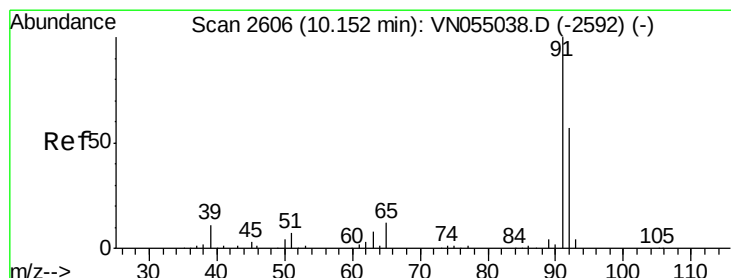
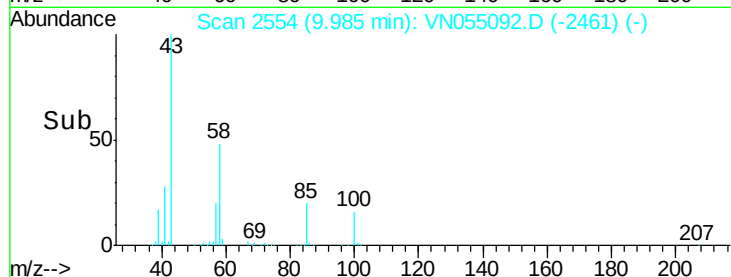
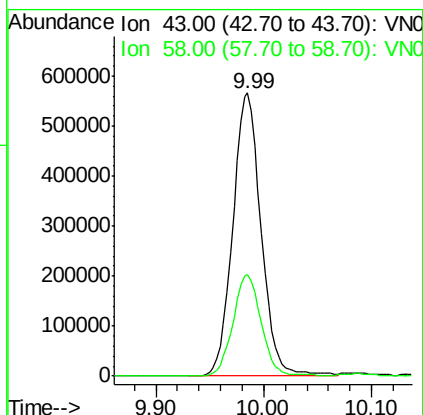
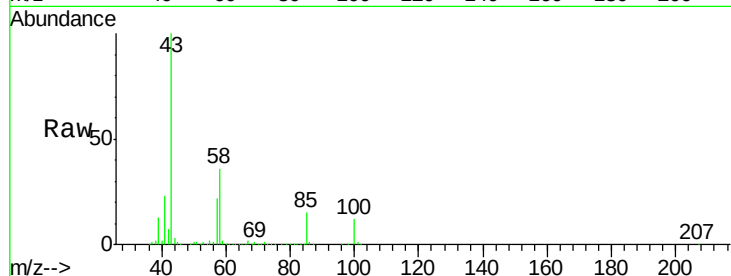




#51
 4-Methyl-2-Pentanone
 Concen: 229.775 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

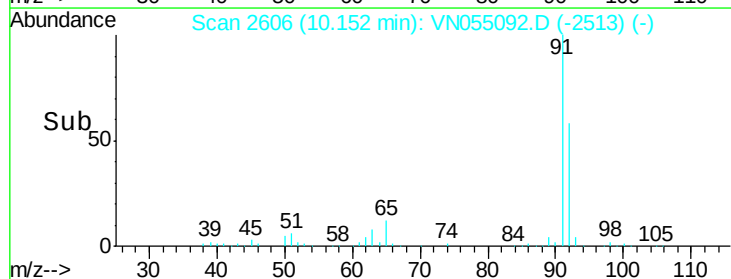
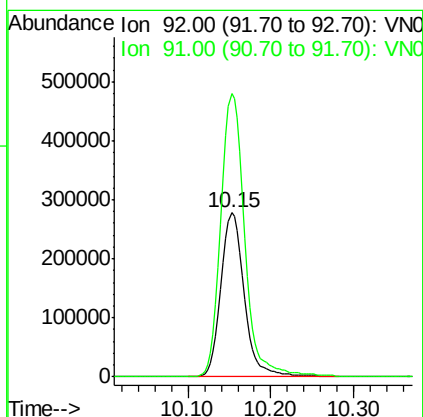
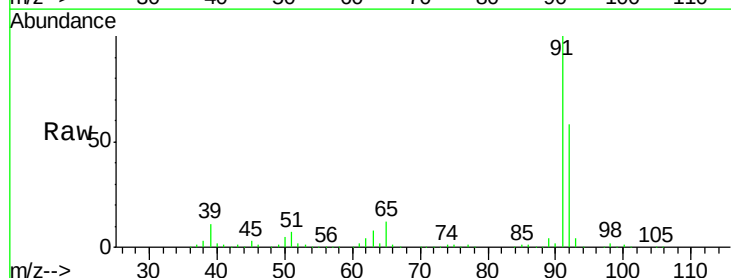
Instrument :
 MSVOA_N
 ClientSampleId :

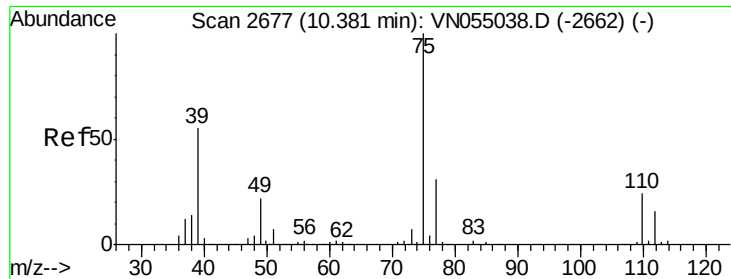
Tot Ion: 43 Resp: 1034838
 Ion Ratio Lower Upper
 43 100
 58 35.5 29.0 43.4



#52
 Toluene
 Concen: 51.056 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion: 92 Resp: 547688
 Ion Ratio Lower Upper
 92 100
 91 175.7 140.8 211.2

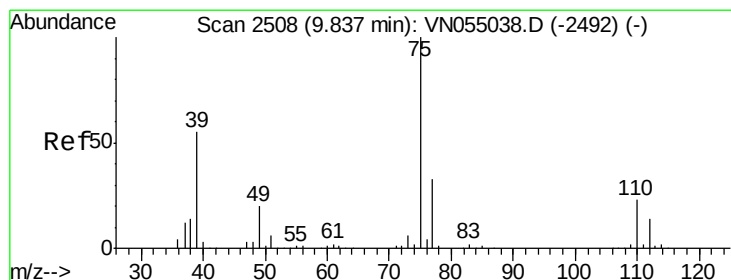
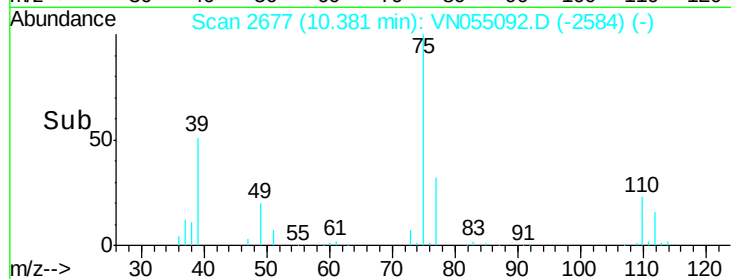
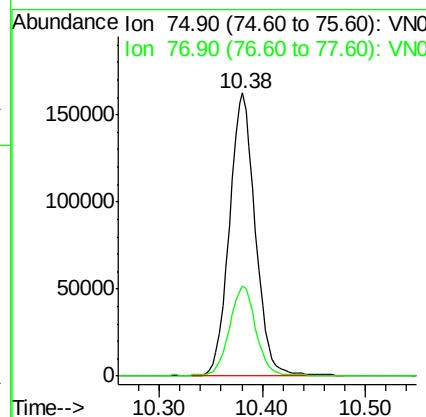
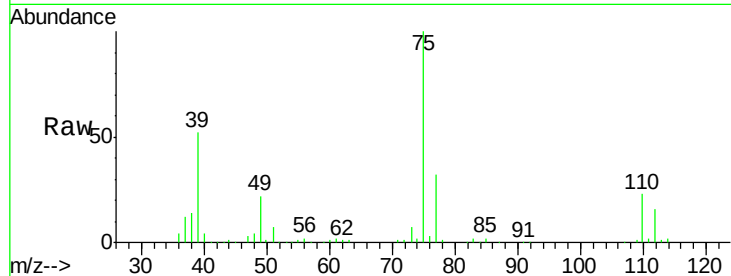




#53
 t-1,3-Dichloropropene
 Concen: 53.172 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

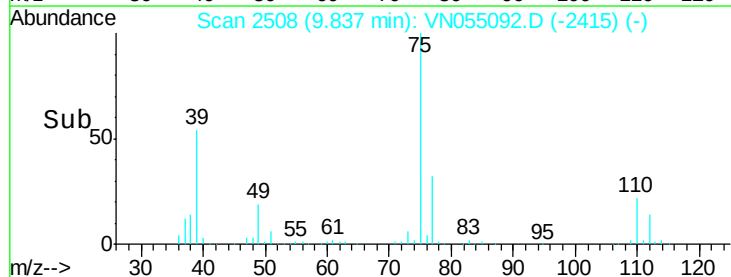
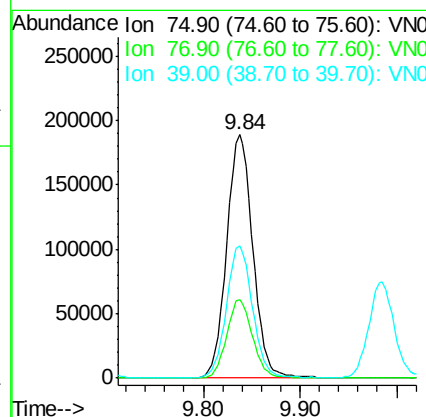
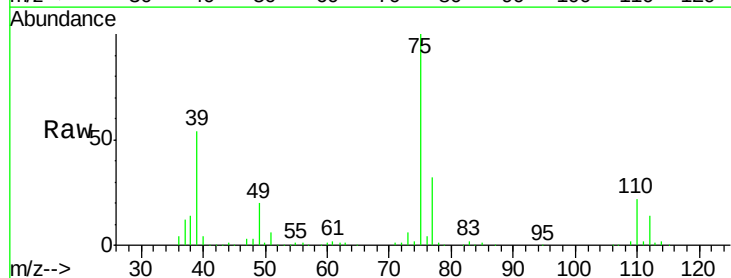
Instrument :
 MSVOA_N
 ClientSampled :

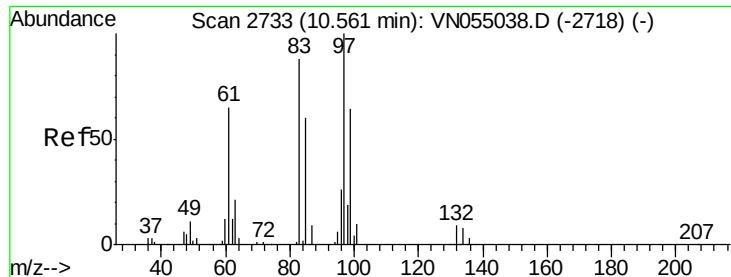
Tot Ion: 75 Resp: 284833
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.539 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion: 75 Resp: 355956
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6
 39 54.3 43.8 65.8

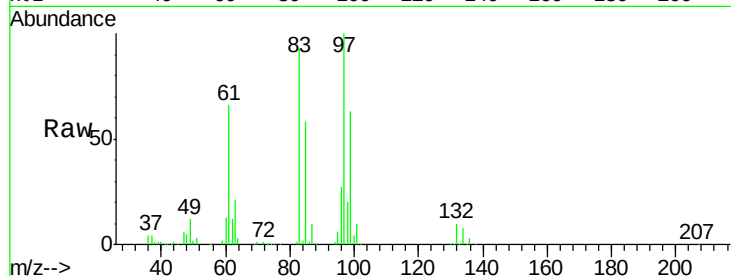




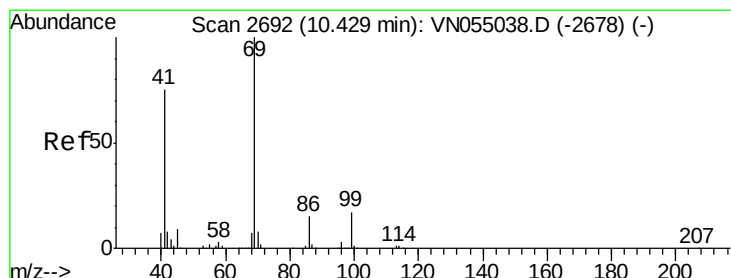
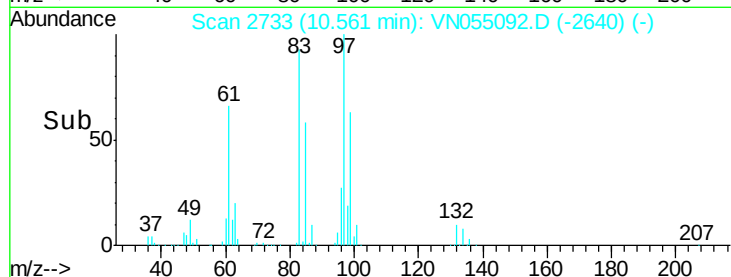
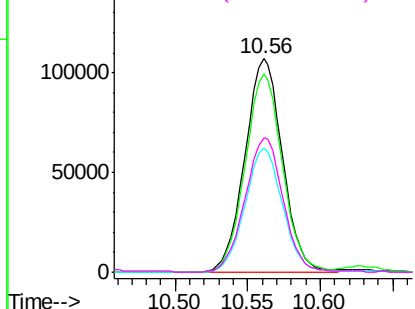
#55
 1,1,2-Trichloroethane
 Concen: 46.696 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	192992
Ion	Ratio	Lower	Upper
97	100		
83	92.7	70.5	105.7
85	58.1	45.5	68.3
99	62.6	49.4	74.0

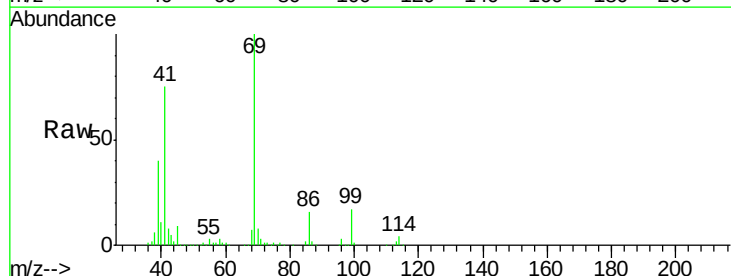


Abundance Ion 96.90 (96.60 to 97.60): VNC
 Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC
 Ion 98.90 (98.60 to 99.60): VNC

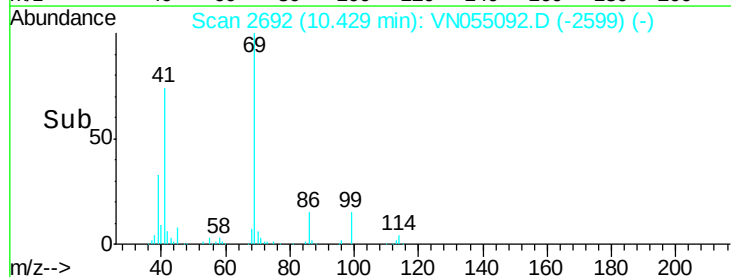
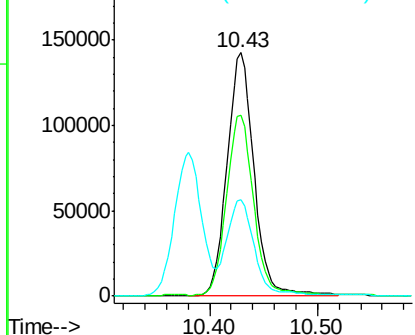


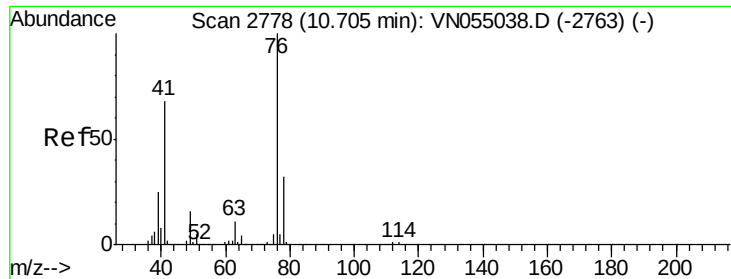
#56
 Ethyl methacrylate
 Concen: 50.345 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion:	69	Resp:	249712
Ion	Ratio	Lower	Upper
69	100		
41	74.3	61.4	92.0
39	38.5	30.8	46.2



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





#57

1,3-Dichloropropane

Concen: 49.006 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

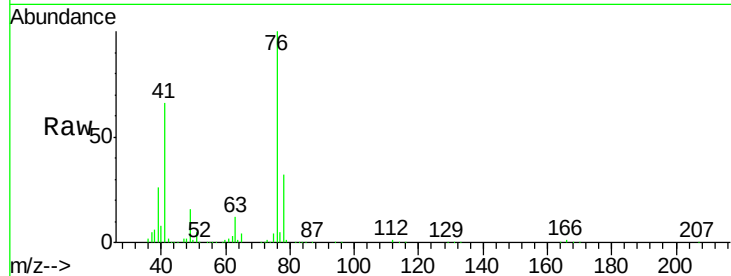
ClientSampled :

Tot Ion: 76 Resp: 344837

Ion Ratio Lower Upper

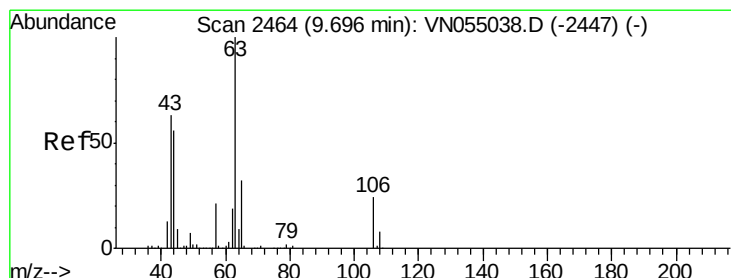
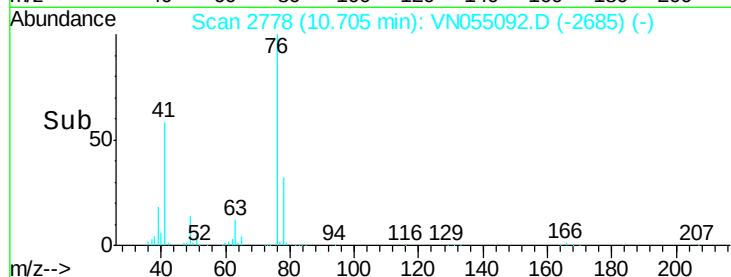
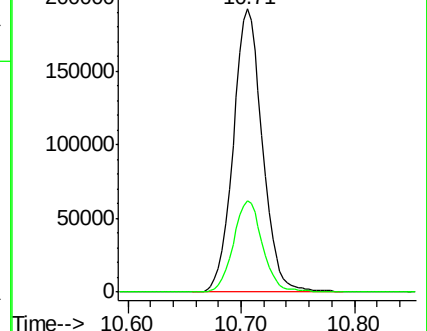
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 215.783 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055092.D

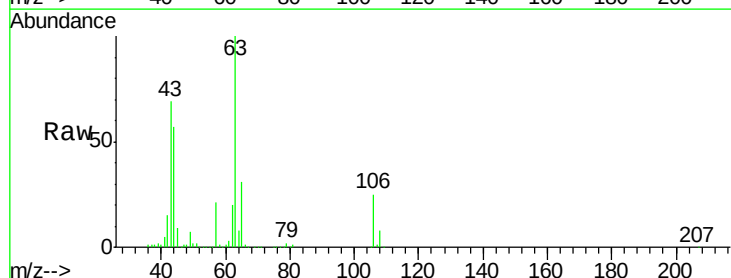
Acq: 17 Apr 2019 8:59

Tgt Ion: 63 Resp: 466749

Ion Ratio Lower Upper

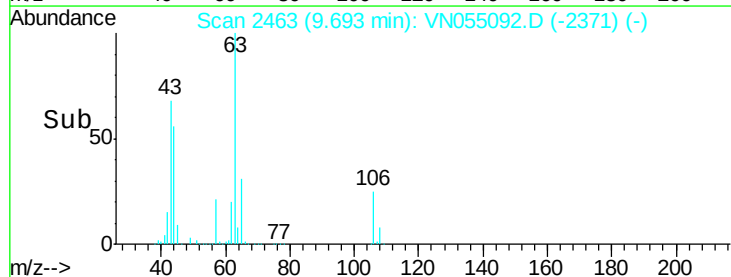
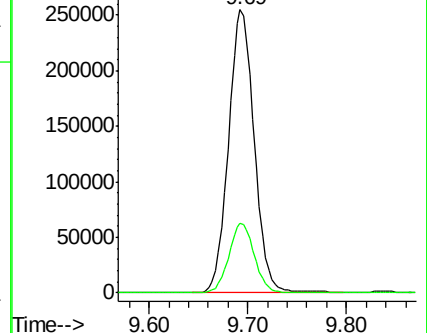
63 100

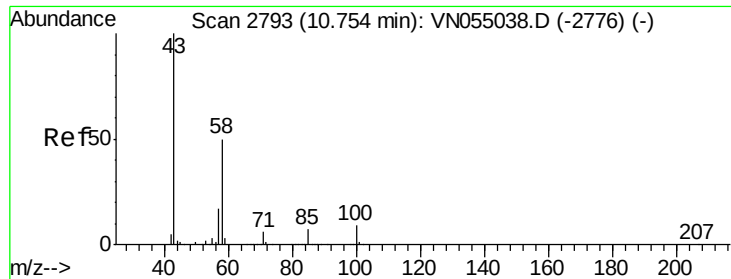
106 24.3 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

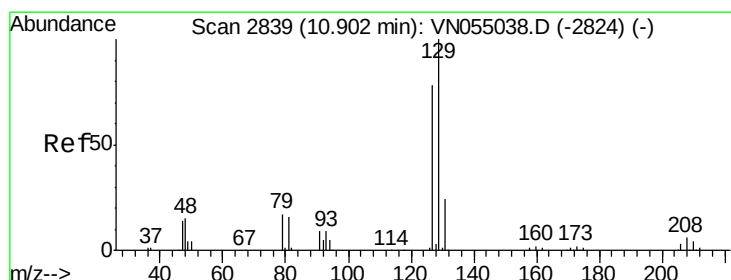
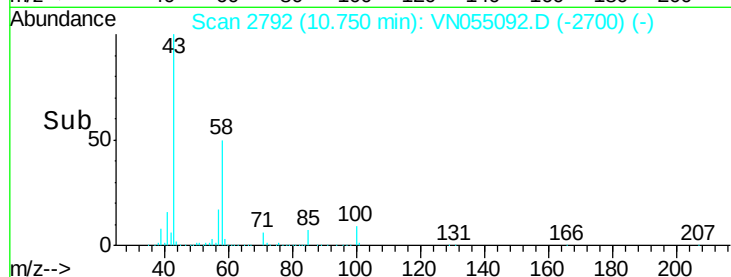
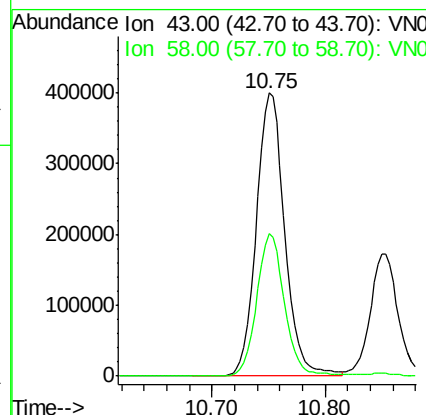
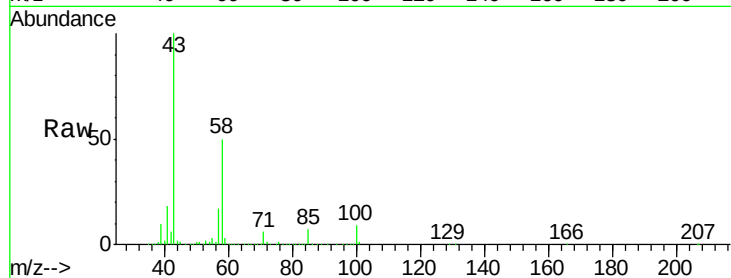




#59
2-Hexanone
Concen: 245.682 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

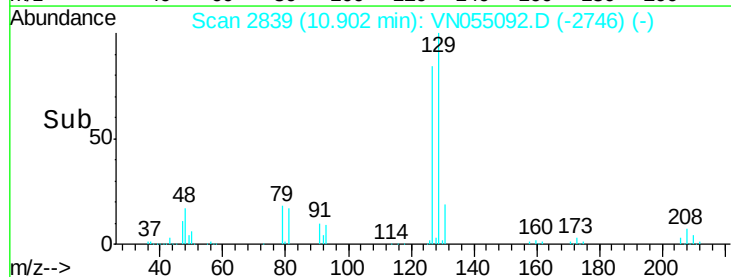
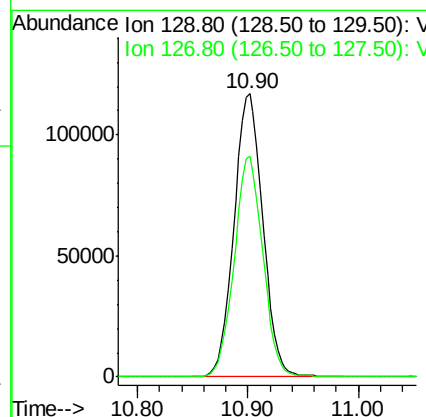
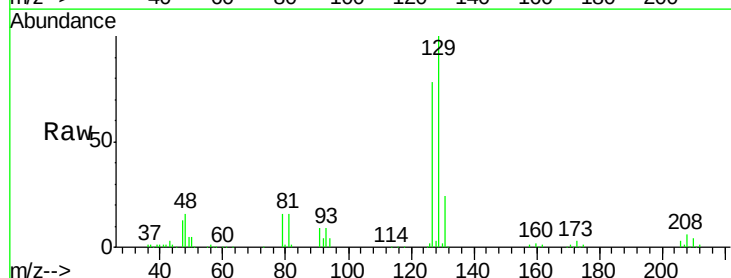
Instrument :
MSVOA_N
ClientSampled :

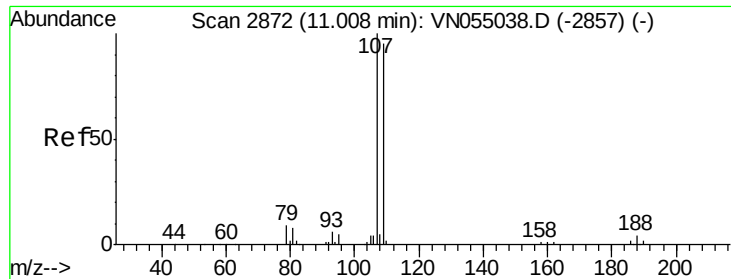
Tot Ion: 43 Resp: 694975
Ion Ratio Lower Upper
43 100
58 49.3 25.1 75.2



#60
Dibromochloromethane
Concen: 52.737 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion: 129 Resp: 212833
Ion Ratio Lower Upper
129 100
127 77.1 38.2 114.6

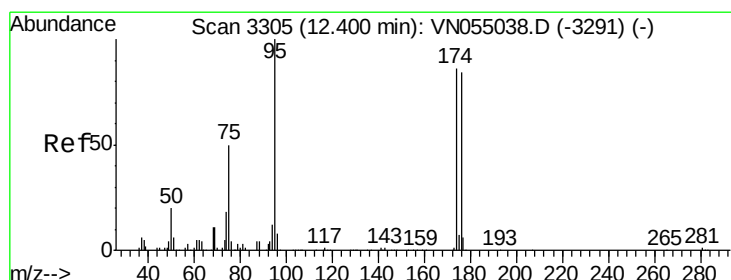
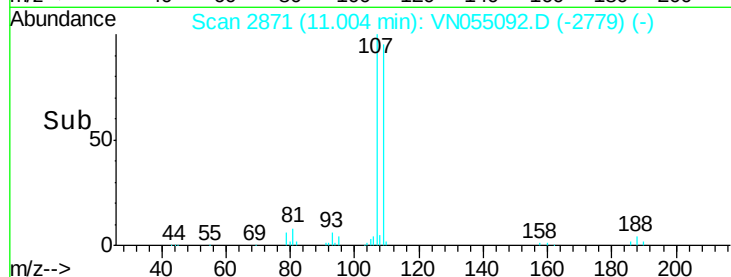
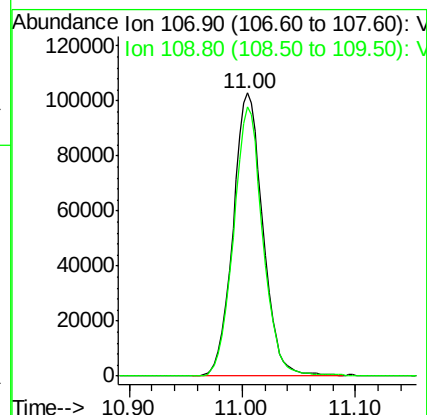
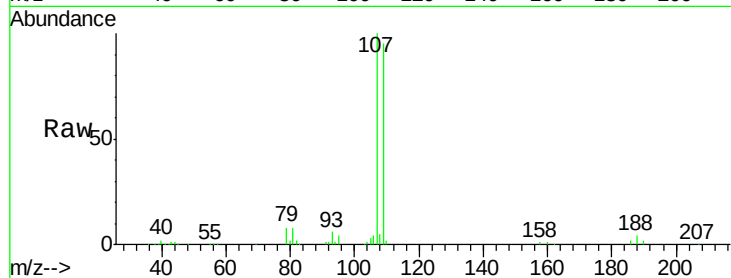




#61
 1,2-Dibromoethane
 Concen: 49.590 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

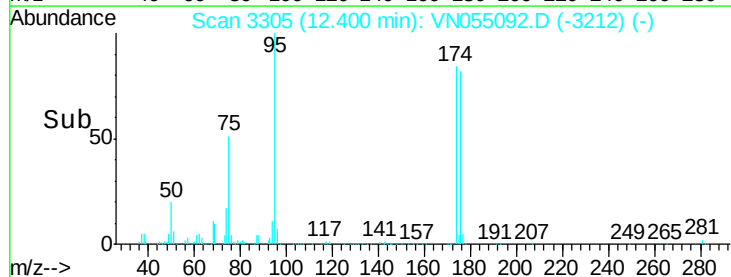
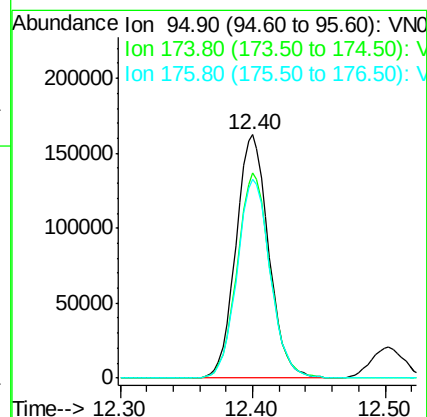
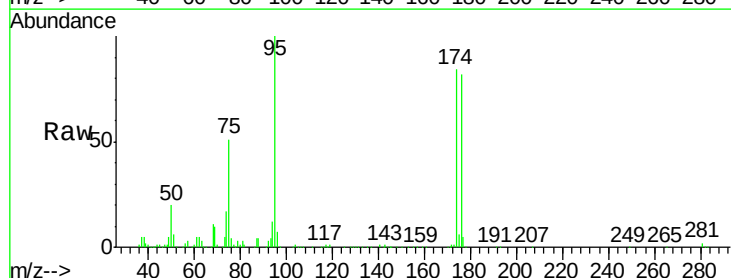
Instrument :
 MSVOA_N
 ClientSampled :

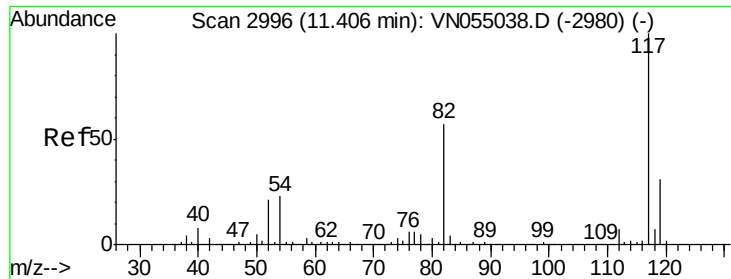
Tot Ion: 107 Resp: 188641
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 54.368 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion: 95 Resp: 278702
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 174.4
 176 82.8 0.0 166.8

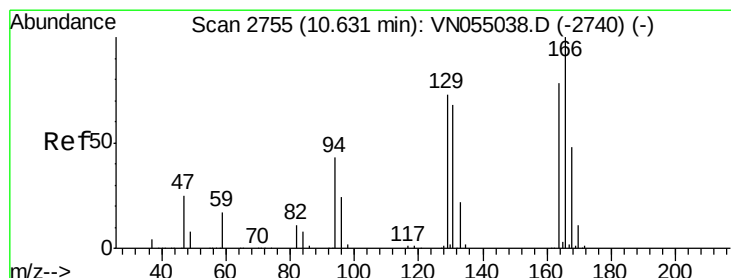
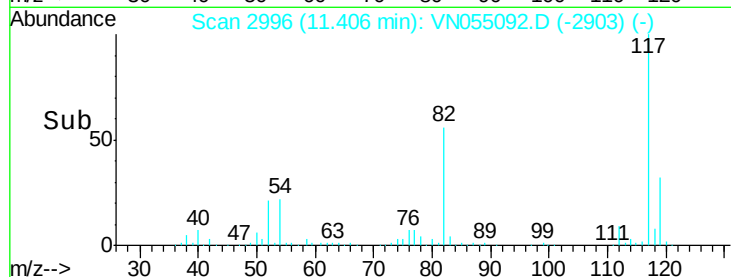
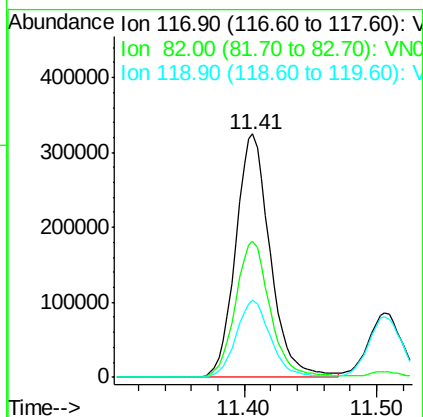
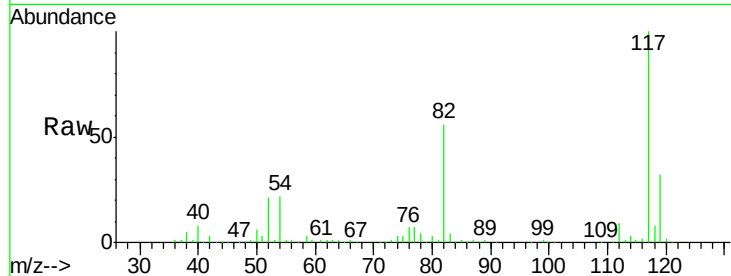




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

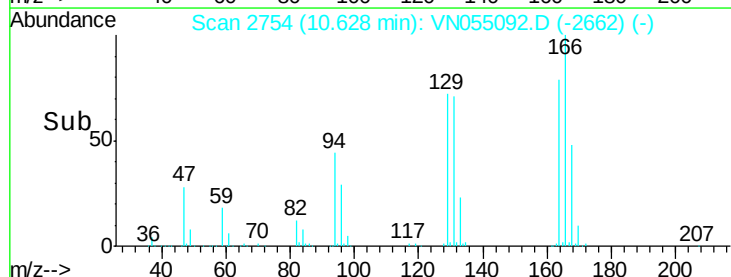
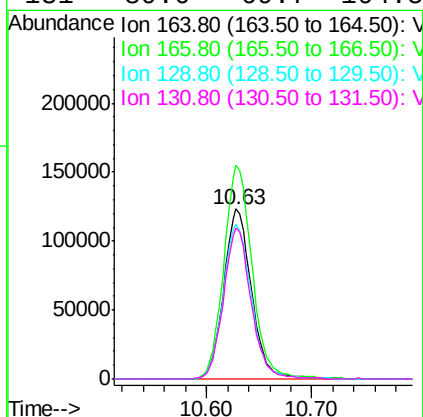
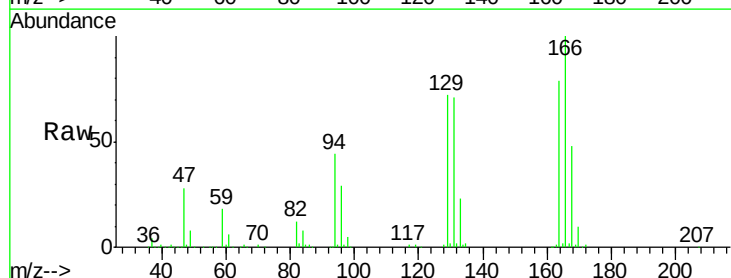
Instrument :
MSVOA_N
ClientSampleId :

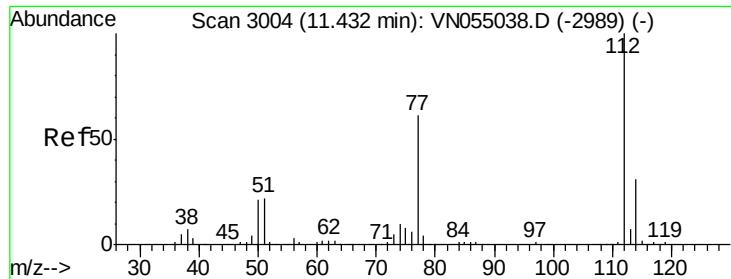
Tot Ion:117 Resp: 586828
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 47.006 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion:164 Resp: 224306
Ion Ratio Lower Upper
164 100
166 125.8 100.0 150.0
129 91.0 72.0 108.0
131 89.0 69.7 104.5

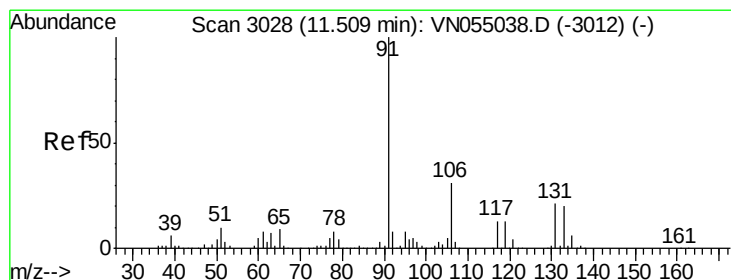
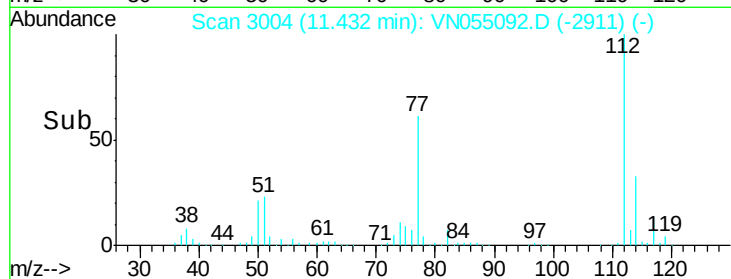
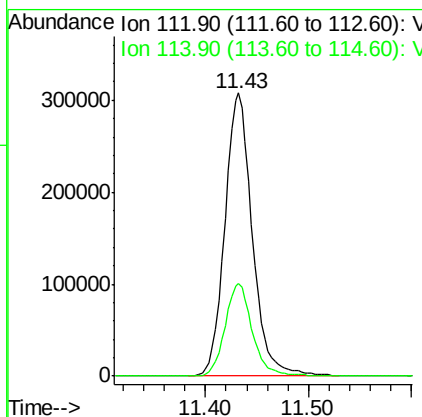
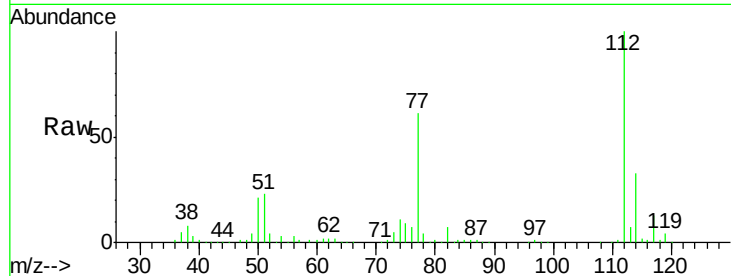




#65
Chlorobenzene
Concen: 48.308 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

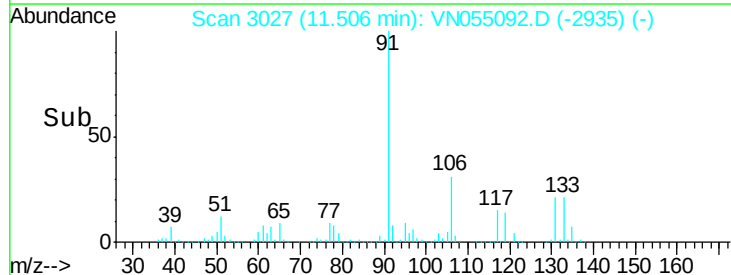
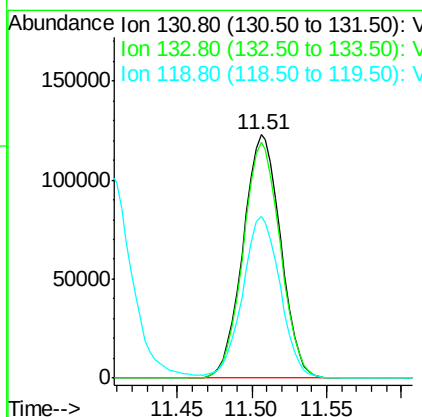
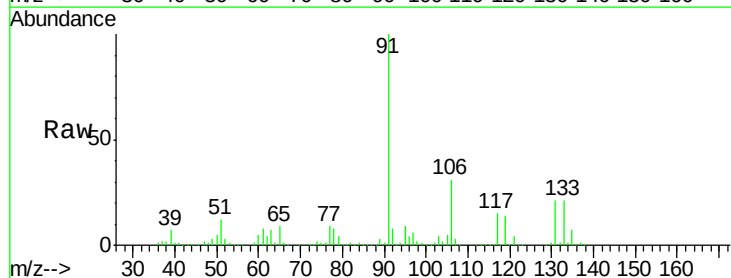
Instrument :
MSVOA_N
ClientSampled :

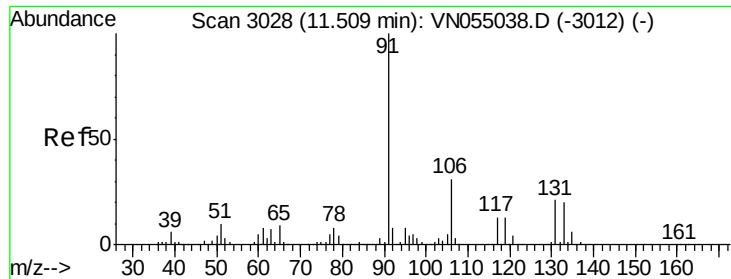
Tot Ion:112 Resp: 570628
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.503 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion:131 Resp: 215068
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 66.4 33.6 100.6

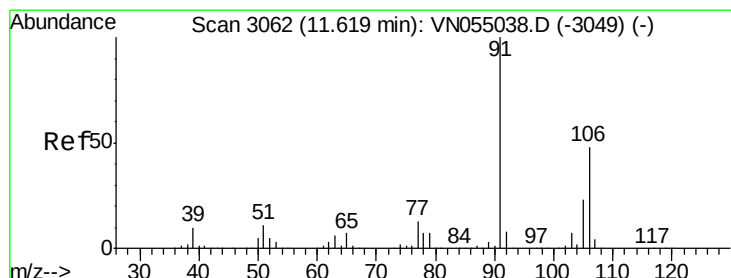
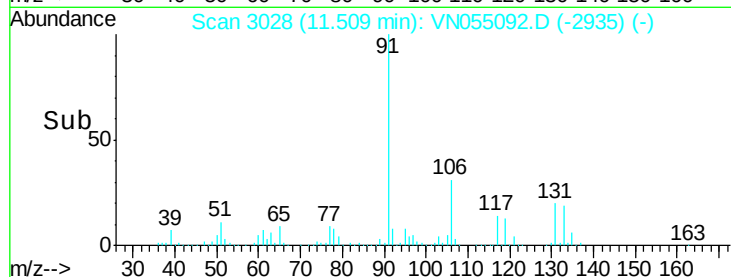
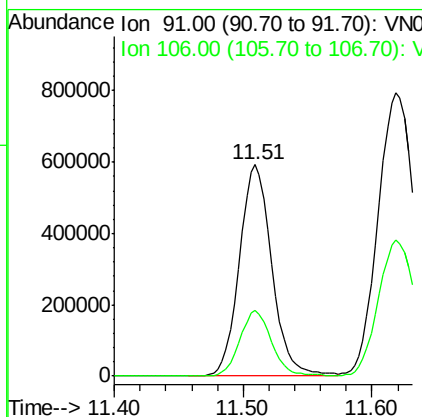
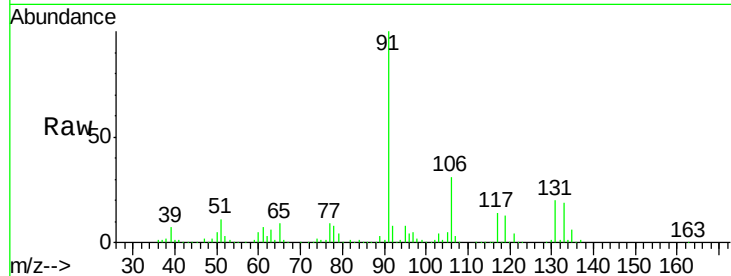




#67
Ethyl Benzene
Concen: 49.317 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

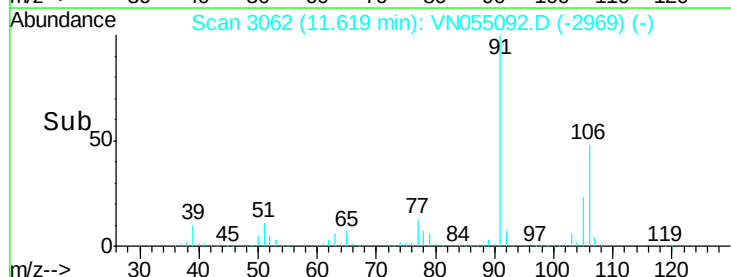
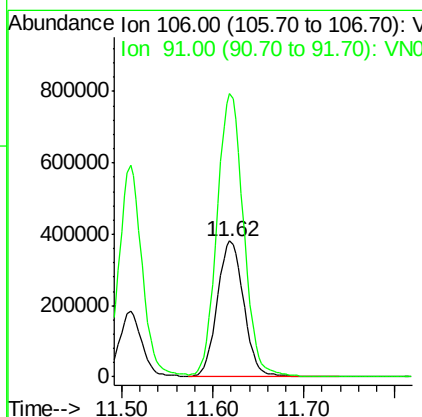
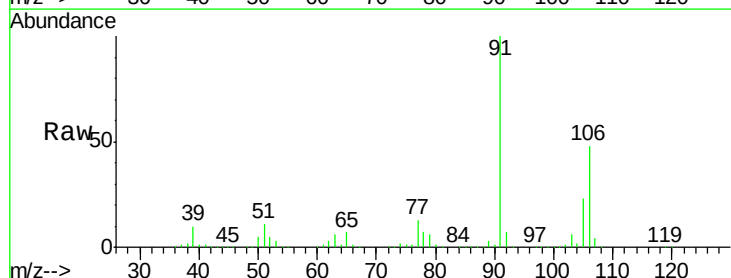
Instrument :
MSVOA_N
ClientSampled :

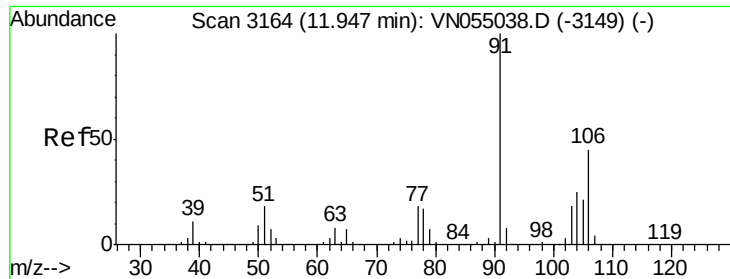
Tot Ion: 91 Resp: 1040336
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5



#68
m/p-Xylenes
Concen: 101.326 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion: 106 Resp: 773999
Ion Ratio Lower Upper
106 100
91 208.6 165.9 248.9

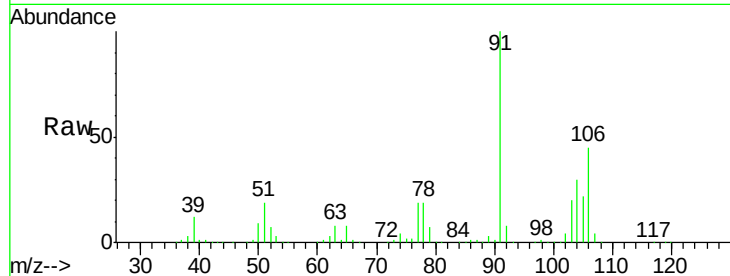




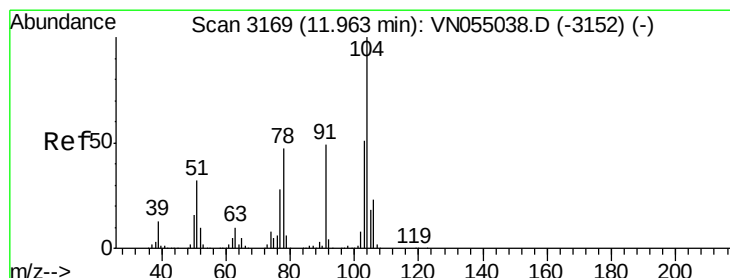
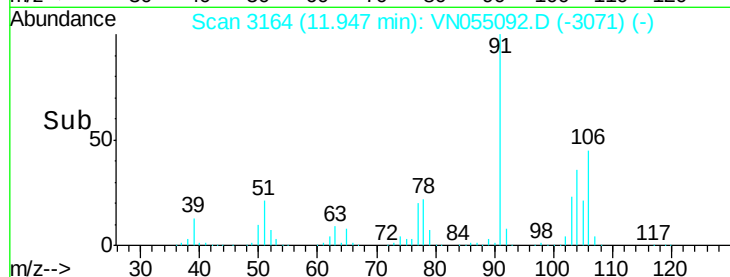
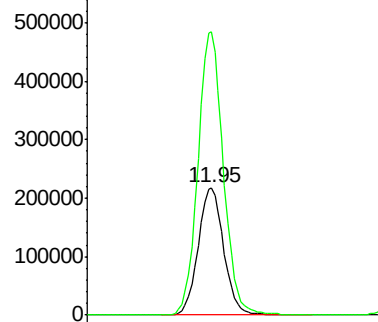
#69
o-Xylene
Concen: 50.774 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 375652
Ion Ratio Lower Upper
106 100
91 220.3 109.9 329.8

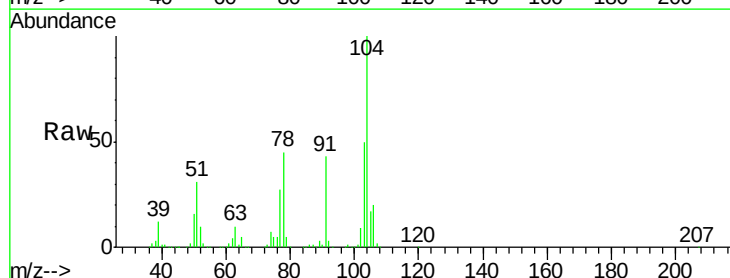


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

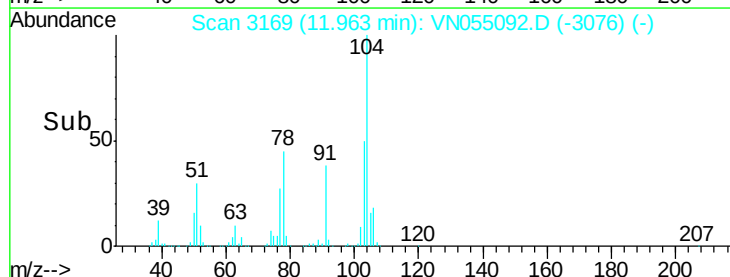
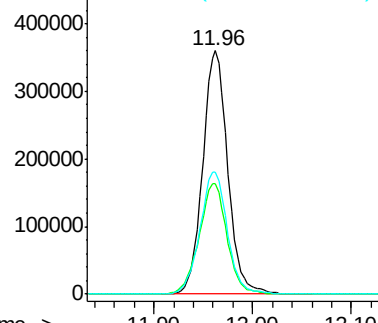


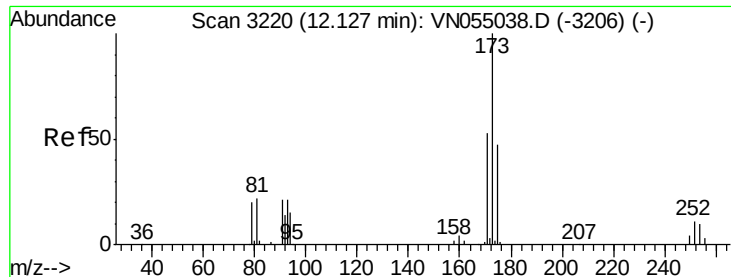
#70
Styrene
Concen: 53.282 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055092.D
Acq: 17 Apr 2019 8:59

Tgt Ion:104 Resp: 638101
Ion Ratio Lower Upper
104 100
78 50.7 40.3 60.5
103 55.1 44.3 66.5



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





#71

Bromoform

Concen: 52.504 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampled :

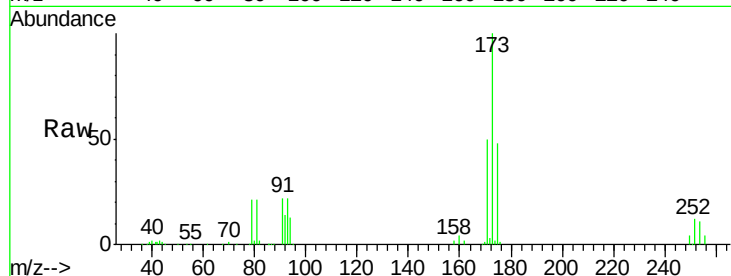
Tot Ion:173 Resp: 130745

Ion Ratio Lower Upper

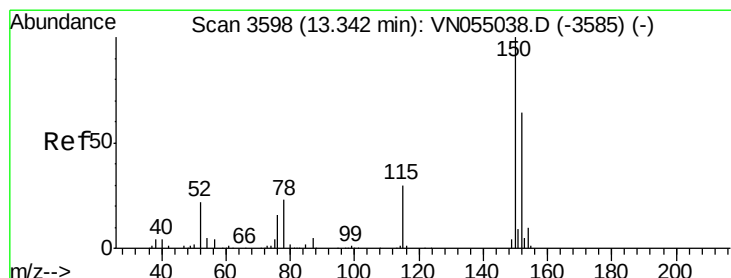
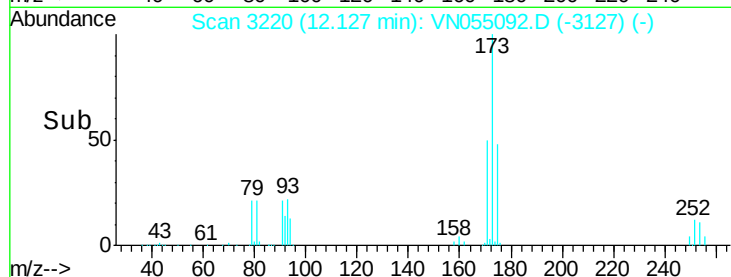
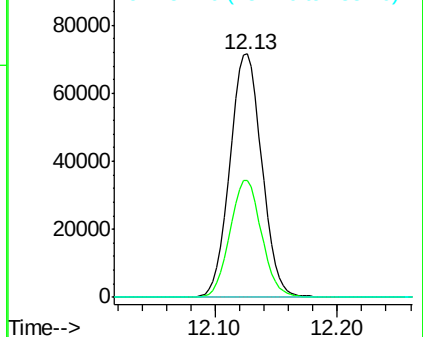
173 100

175 47.6 24.3 73.0

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

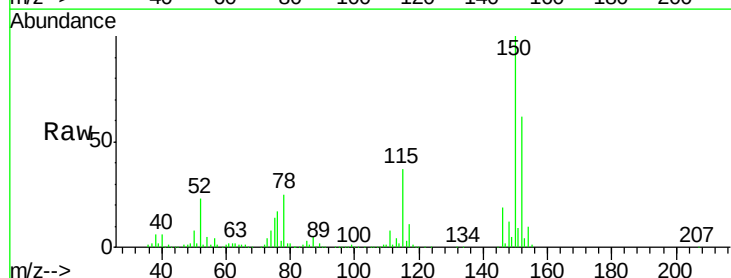
Tgt Ion:152 Resp: 251195

Ion Ratio Lower Upper

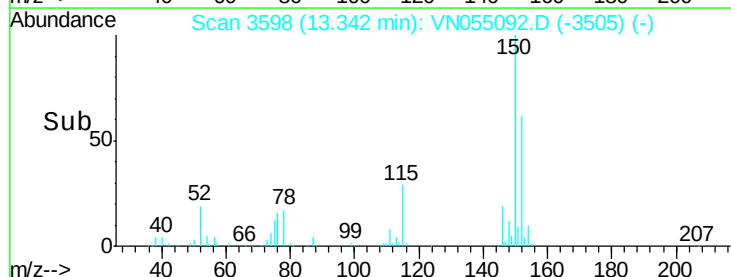
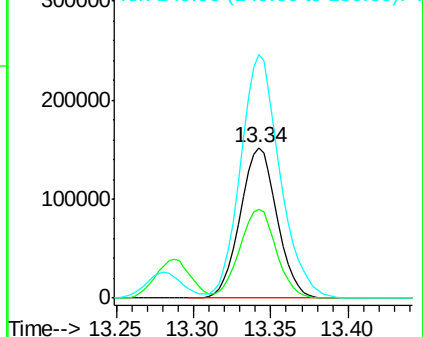
152 100

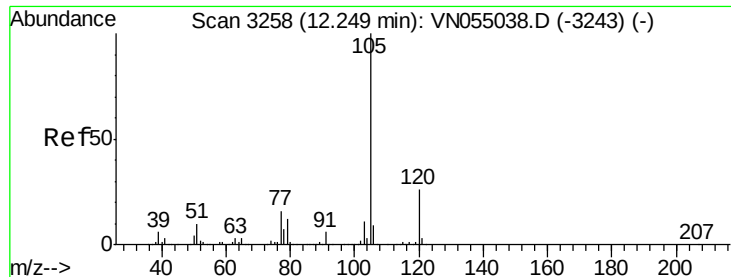
115 58.8 28.5 85.6

150 173.6 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: 44.975 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

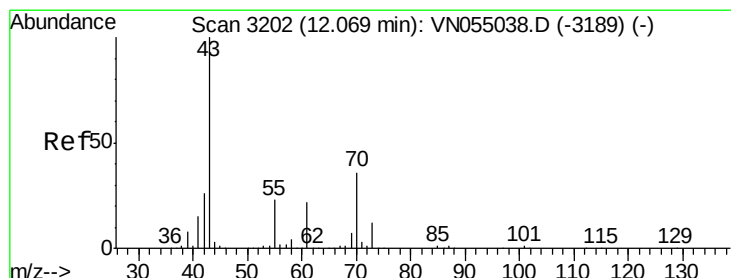
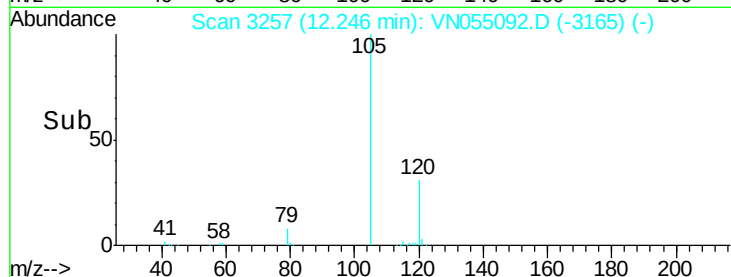
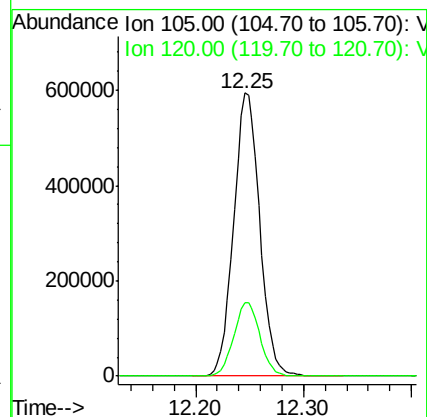
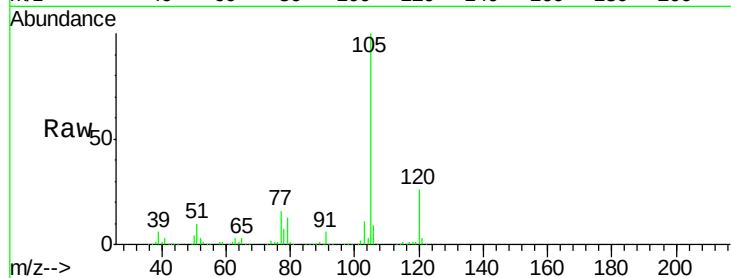
ClientSampleId :

Tot Ion:105 Resp: 1002501

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 45.576 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Tgt Ion: 43 Resp: 285979

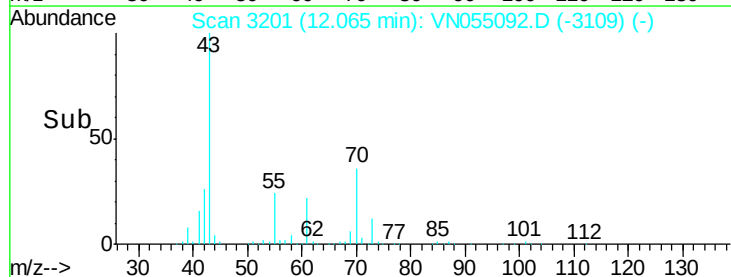
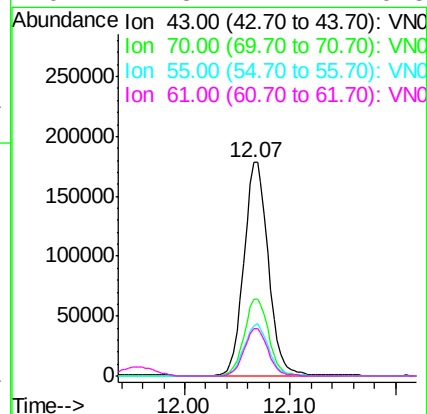
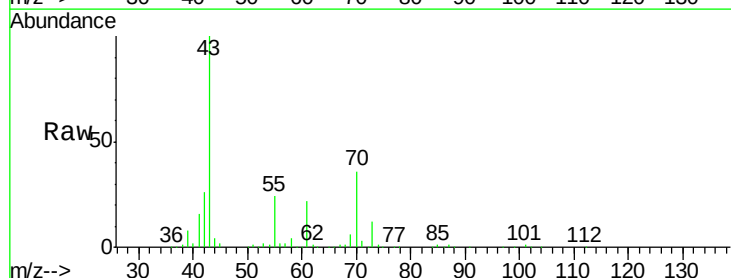
Ion Ratio Lower Upper

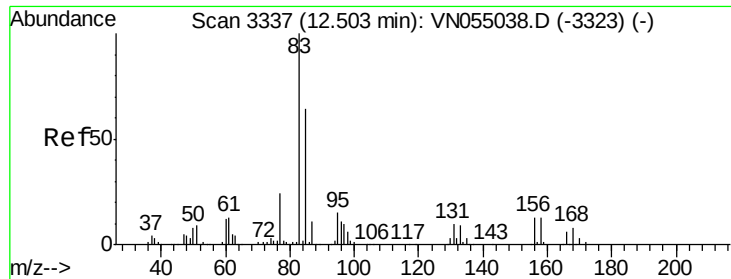
43 100

70 36.5 29.4 44.0

55 24.6 19.0 28.4

61 21.8 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 39.548 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampleId :

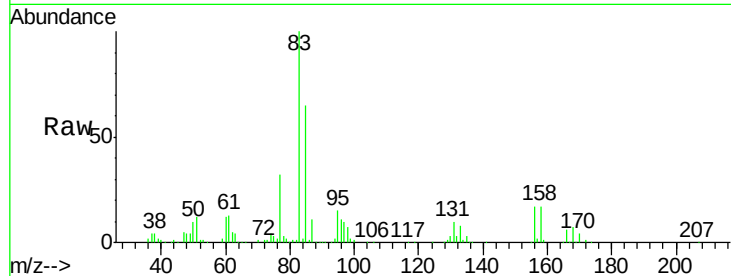
Tot Ion: 83 Resp: 235884

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

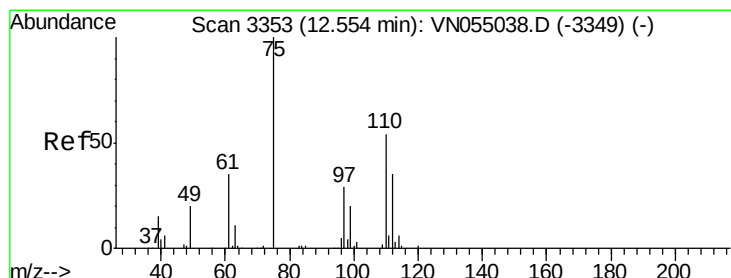
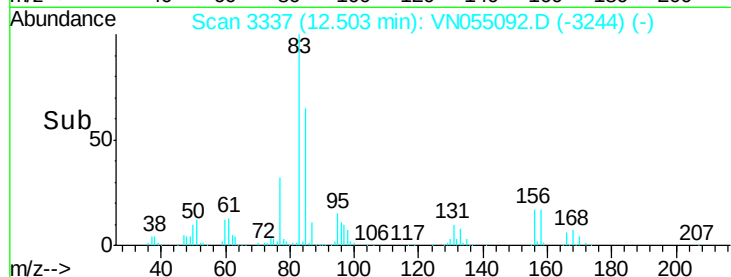
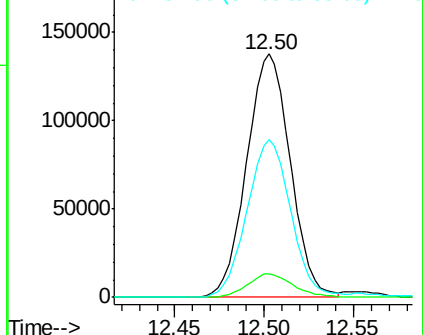
85 64.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 62.757 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055092.D

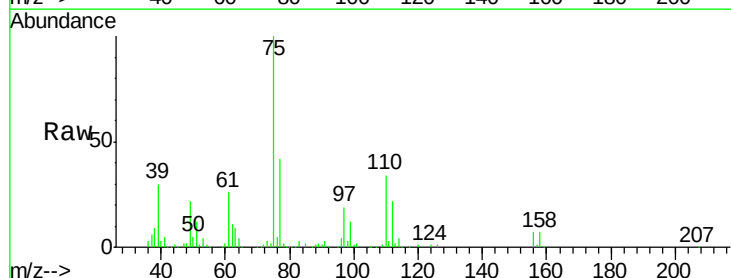
Acq: 17 Apr 2019 8:59

Tgt Ion: 75 Resp: 283481

Ion Ratio Lower Upper

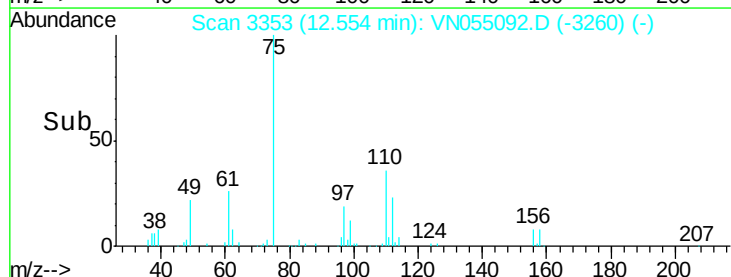
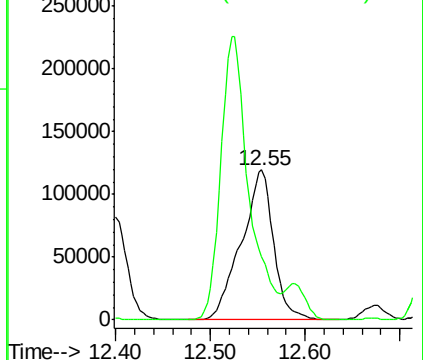
75 100

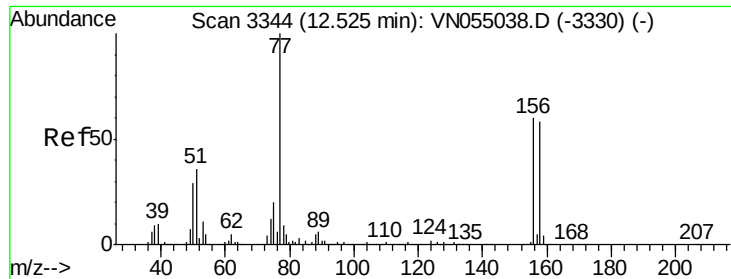
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 44.033 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampleId :

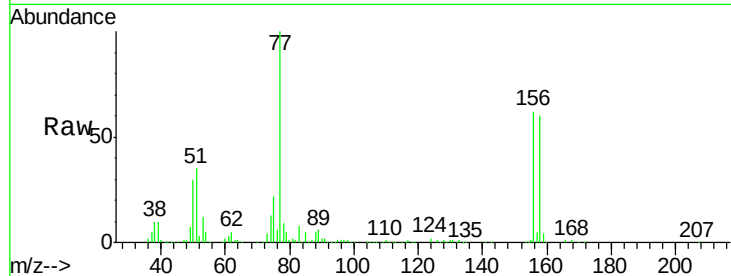
Tot Ion:156 Resp: 244694

Ion Ratio Lower Upper

156 100

77 190.9 97.2 291.5

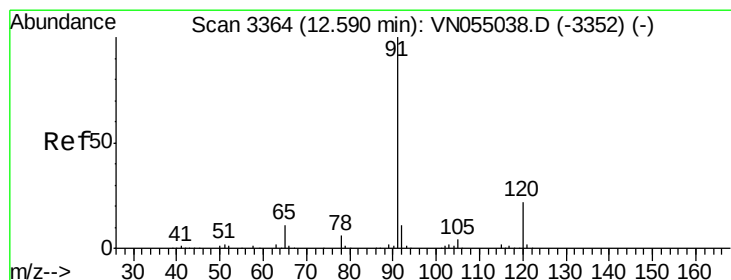
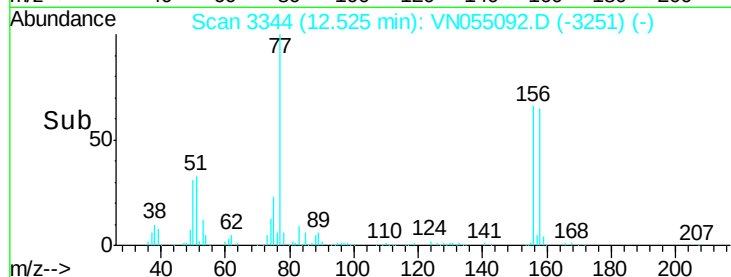
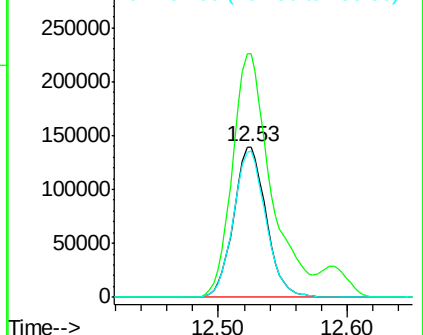
158 97.6 48.6 145.9



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: 47.628 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055092.D

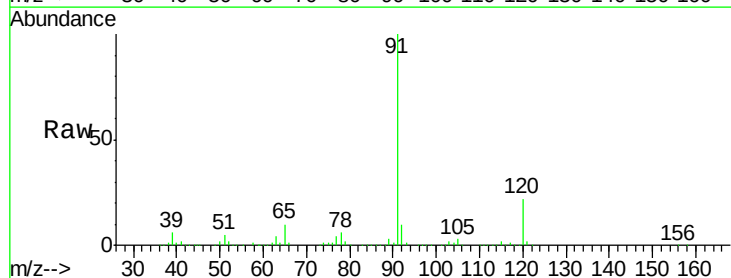
Acq: 17 Apr 2019 8:59

Tgt Ion: 91 Resp: 1147025

Ion Ratio Lower Upper

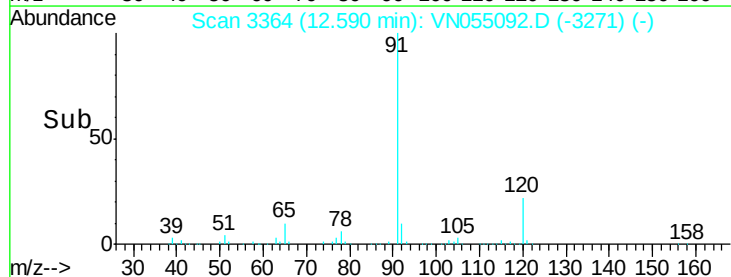
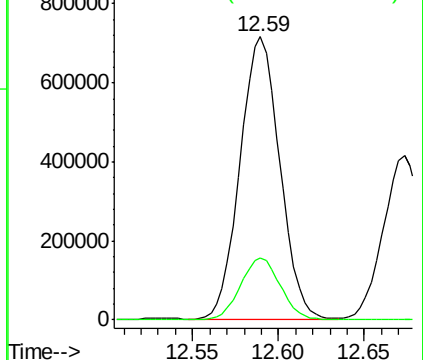
91 100

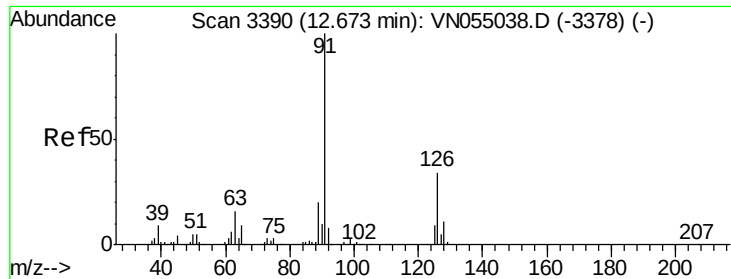
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.742 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

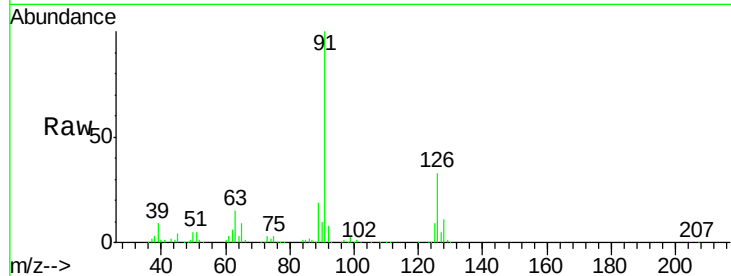
ClientSampled :

Tot Ion: 91 Resp: 687106

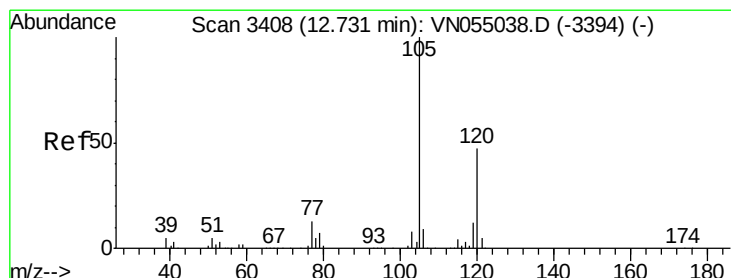
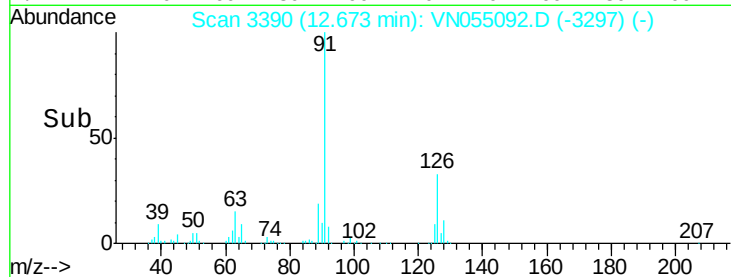
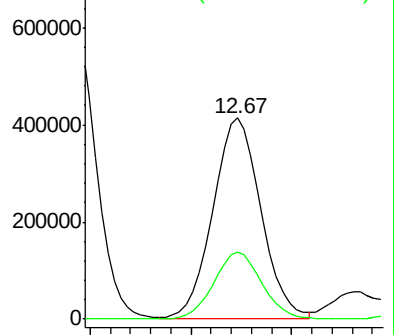
Ion Ratio Lower Upper

91 100

126 33.7 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN055038.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.485 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055092.D

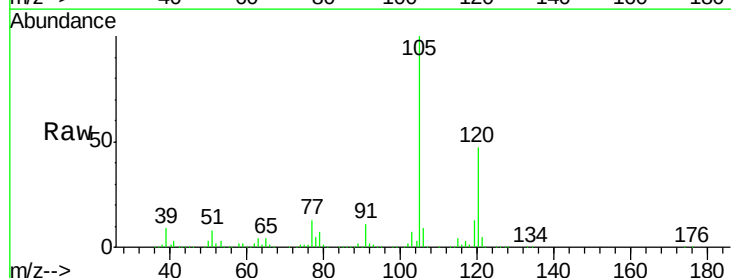
Acq: 17 Apr 2019 8:59

Tgt Ion: 105 Resp: 836174

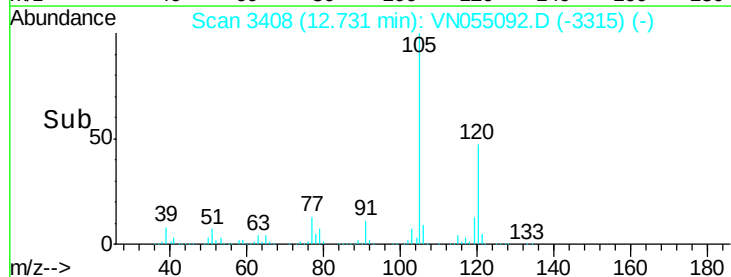
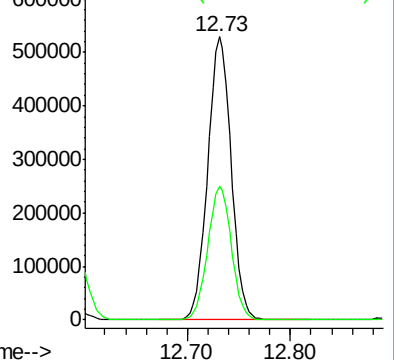
Ion Ratio Lower Upper

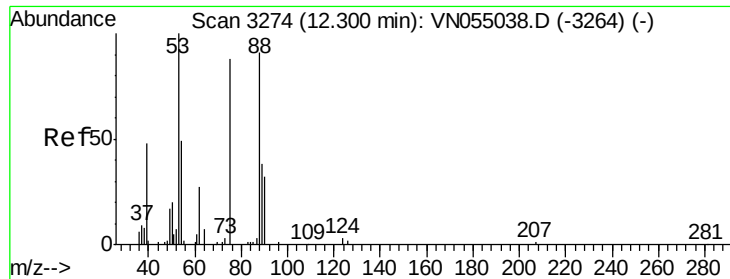
105 100

120 47.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN055038.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.745 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampleId :

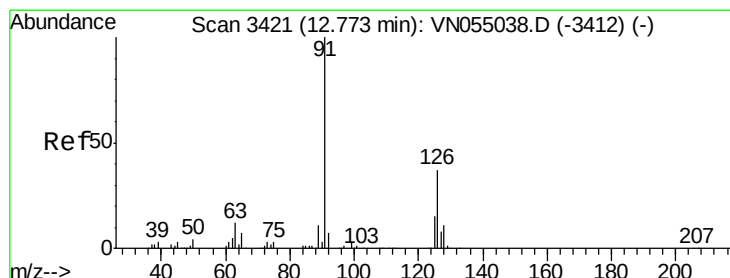
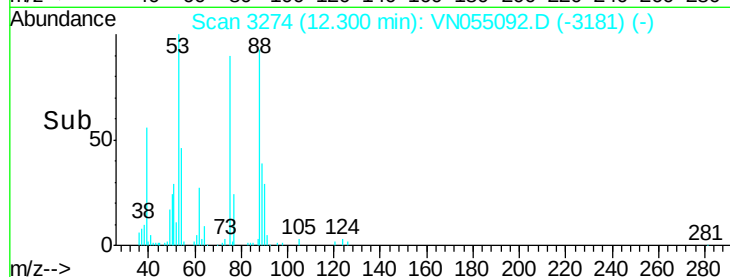
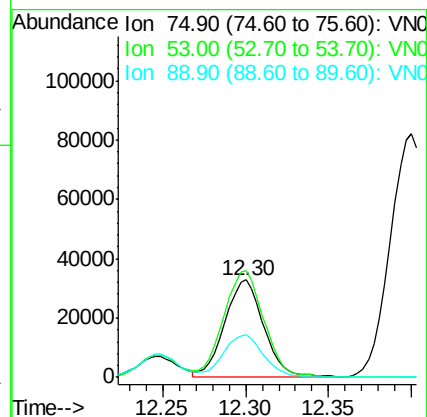
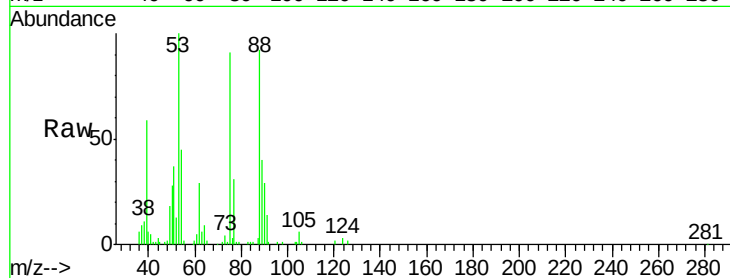
Tot Ion: 75 Resp: 52803

Ion Ratio Lower Upper

75 100

53 116.2 96.3 144.5

89 46.0 38.6 57.8



#82

4-Chlorotoluene

Concen: 48.264 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN055092.D

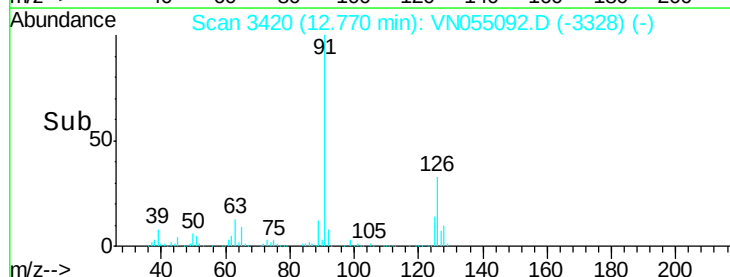
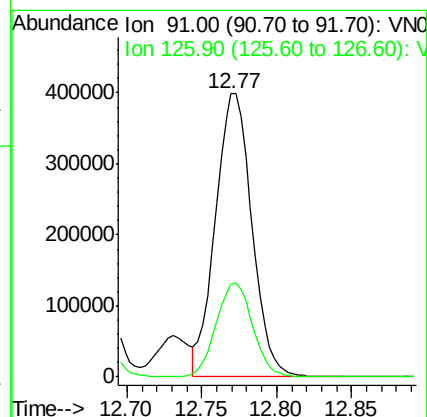
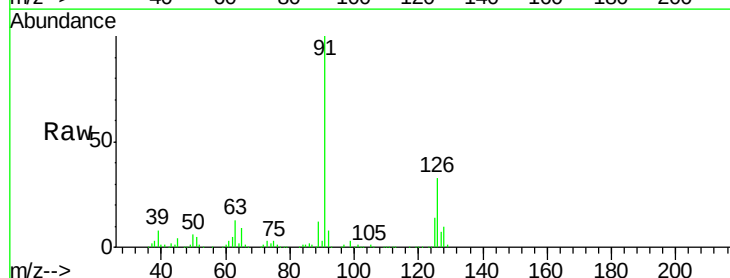
Acq: 17 Apr 2019 8:59

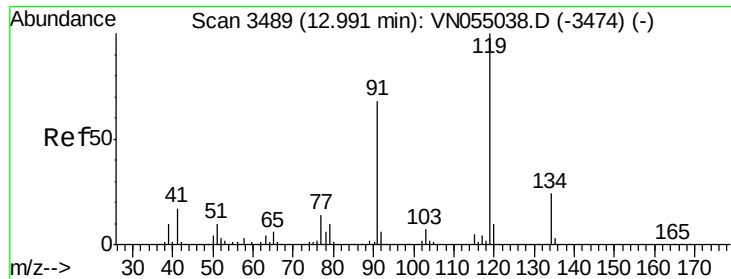
Tgt Ion: 91 Resp: 676409

Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.2

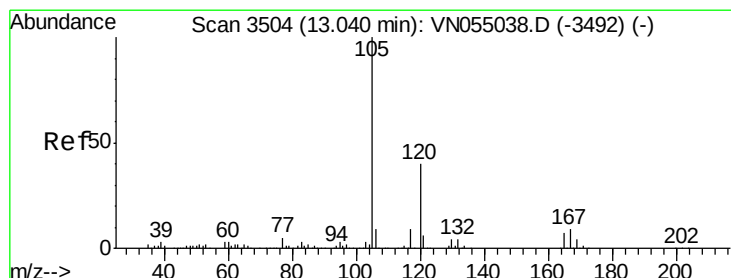
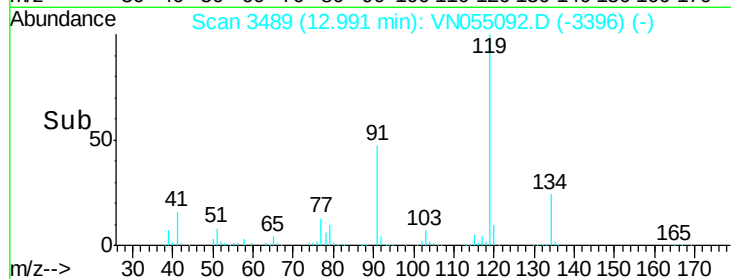
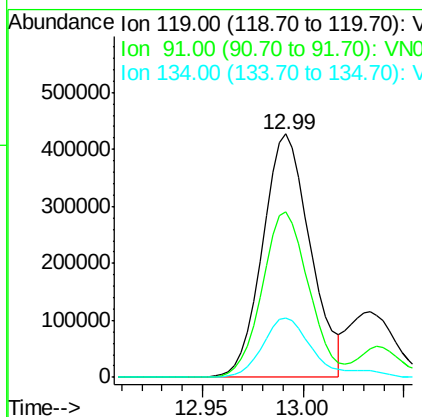
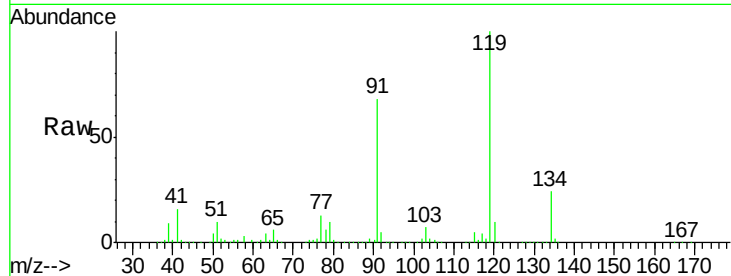




#83
 tert-Butylbenzene
 Concen: 46.267 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

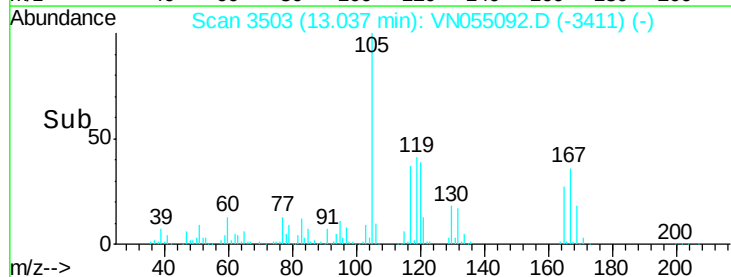
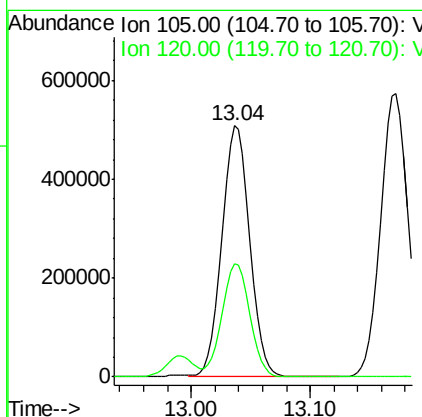
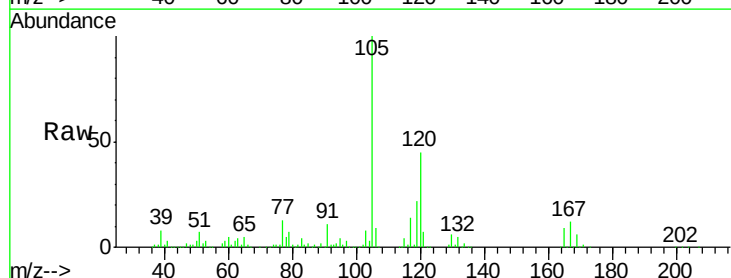
Instrument :
 MSVOA_N
 ClientSampleId :

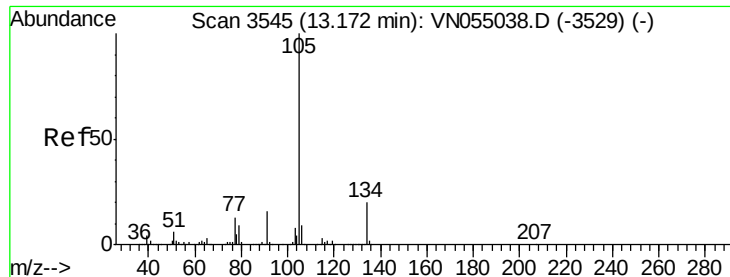
Tot Ion:119 Resp: 702865
 Ion Ratio Lower Upper
 119 100
 91 66.6 33.3 99.8
 134 26.3 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.204 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion:105 Resp: 821744
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 47.380 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

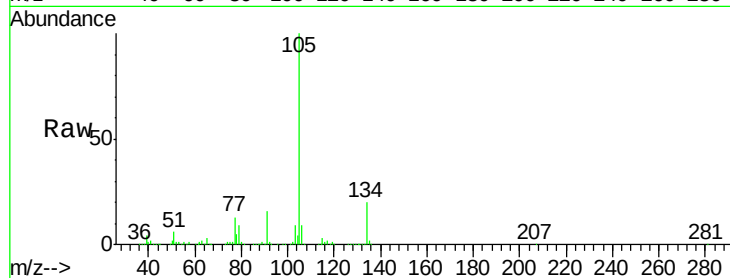
ClientSampleId :

Tot Ion:105 Resp: 917164

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

13.17

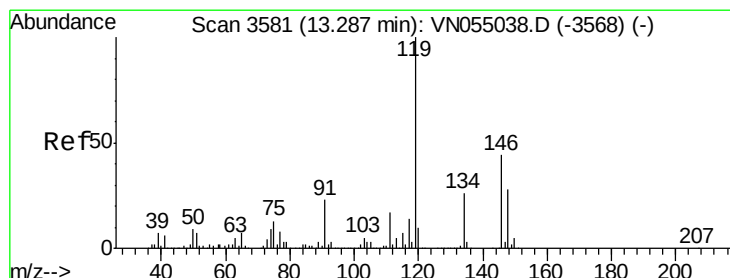
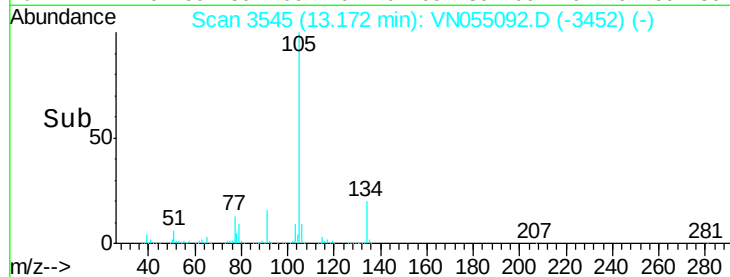
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.967 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

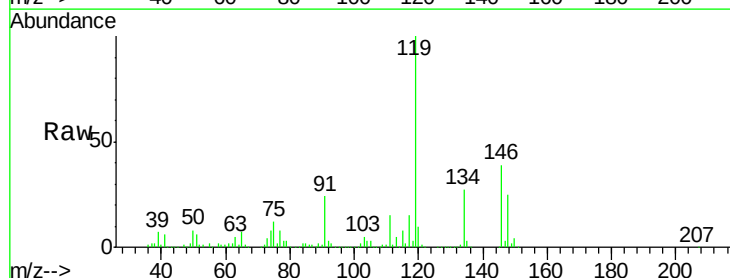
Tgt Ion:119 Resp: 813212

Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.9 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

13.29

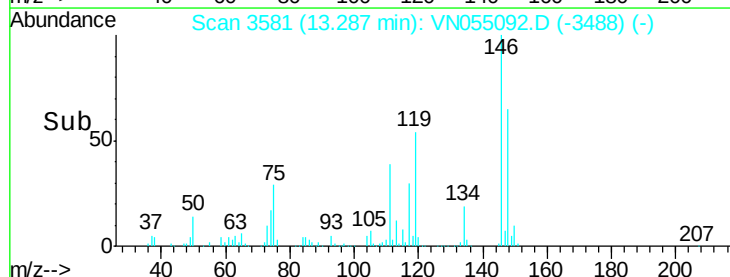
600000

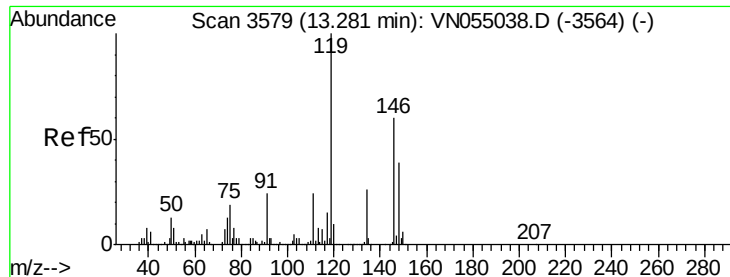
400000

200000

0

Time-->

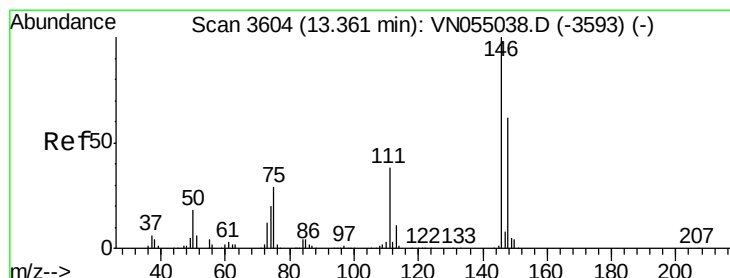
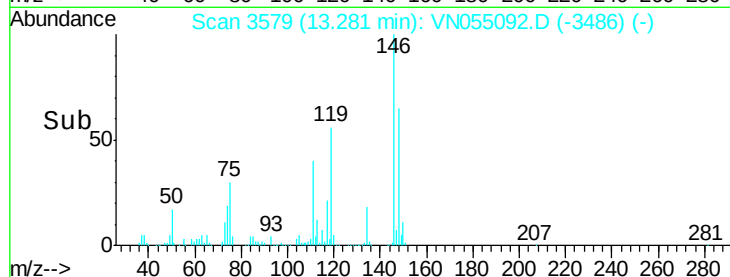
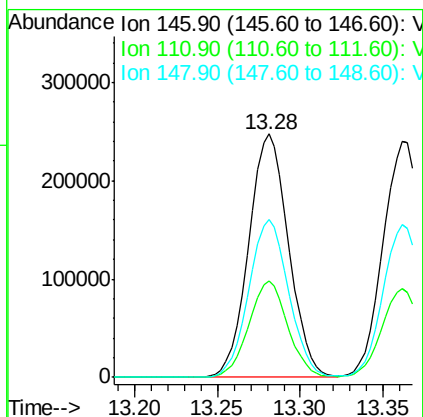
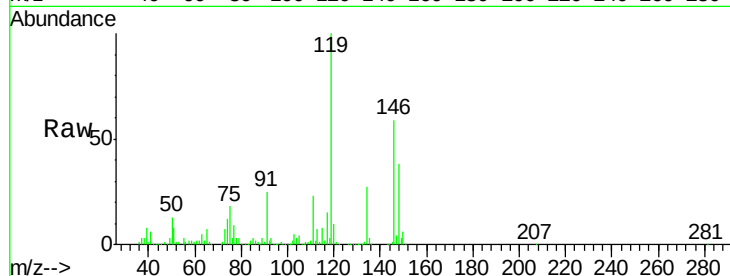




#87
 1,3-Dichlorobenzene
 Concen: 49.092 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

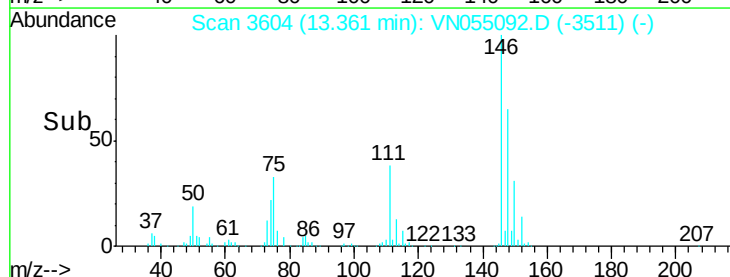
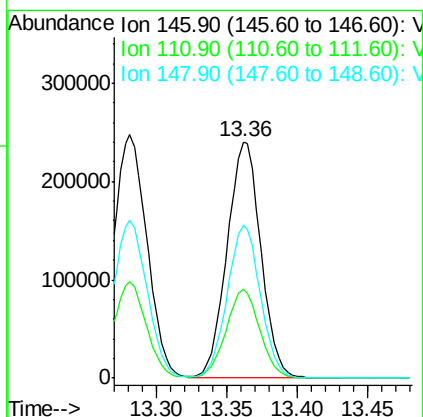
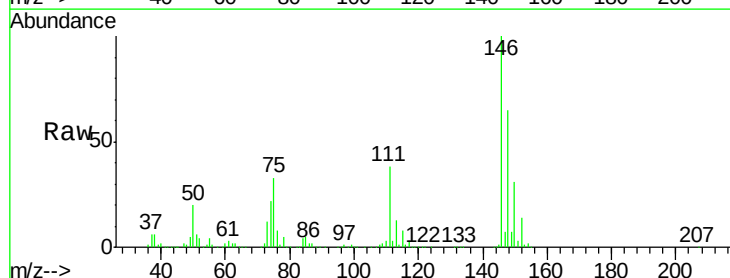
Instrument :
 MSVOA_N
 ClientSampled :

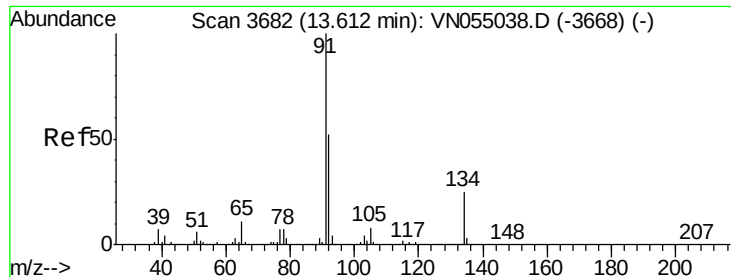
Tot Ion:146 Resp: 414664
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.5 58.5
 148 65.0 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 49.961 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion:146 Resp: 402423
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 55.100 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampleId :

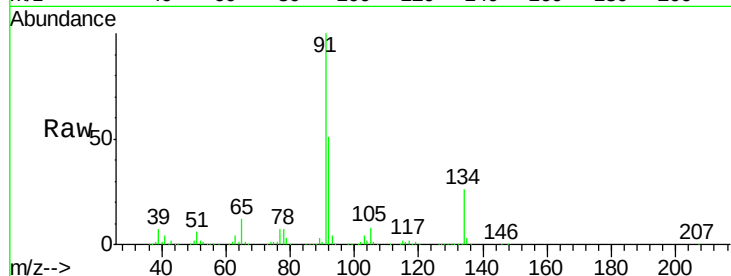
Tot Ion: 91 Resp: 679309

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.7

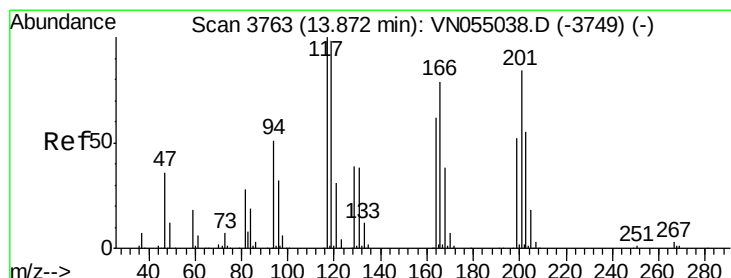
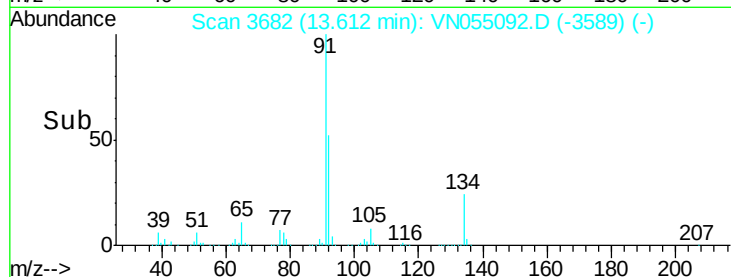
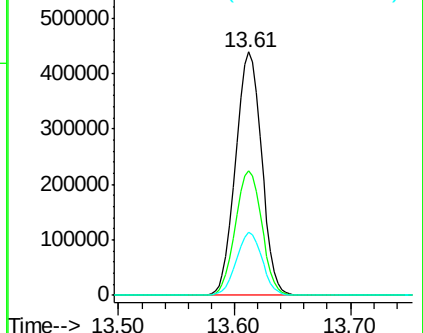
134 25.6 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN055092.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN055092.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN055092.D (-3670) (-)



#90

Hexachloroethane

Concen: 48.593 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055092.D

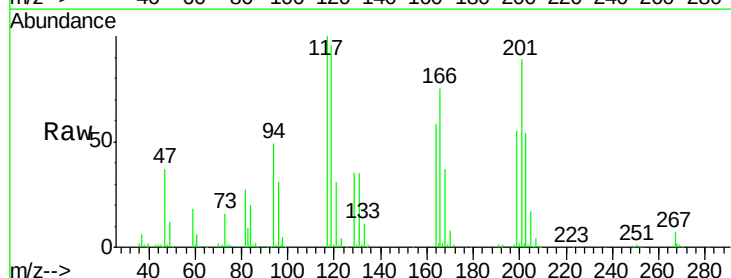
Acq: 17 Apr 2019 8:59

Tgt Ion: 117 Resp: 131310

Ion Ratio Lower Upper

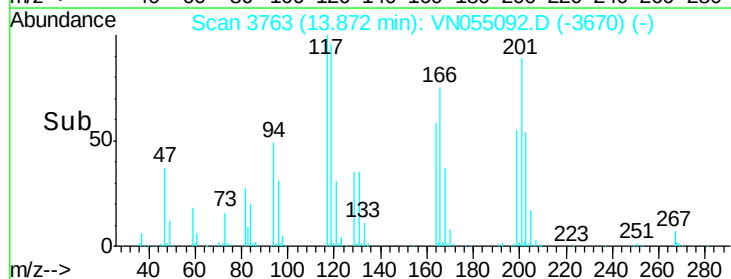
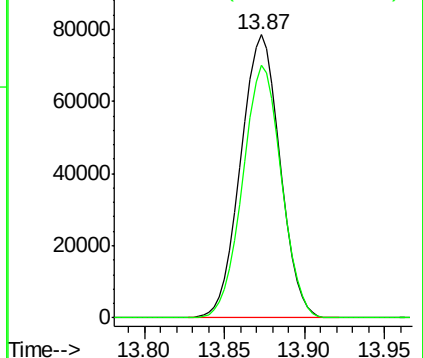
117 100

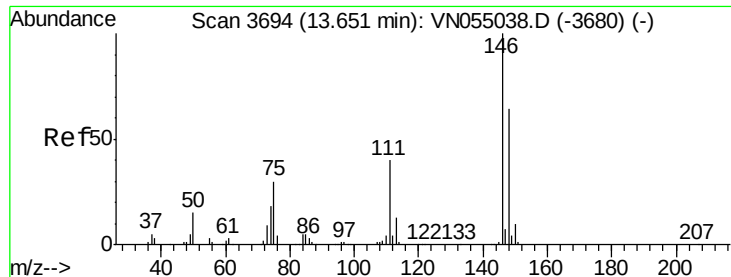
201 88.0 43.4 130.2



Abundance Ion 116.80 (116.50 to 117.50): VN055092.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN055092.D (-3670) (-)

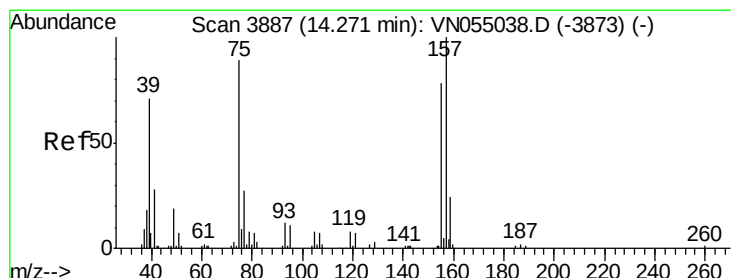
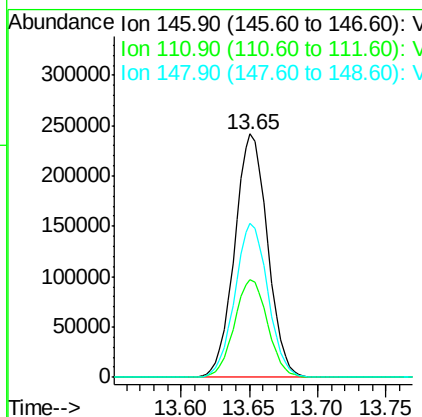
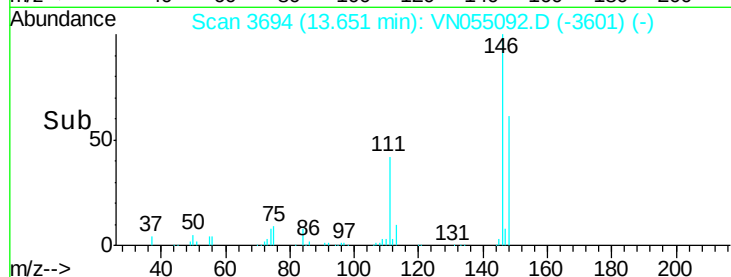
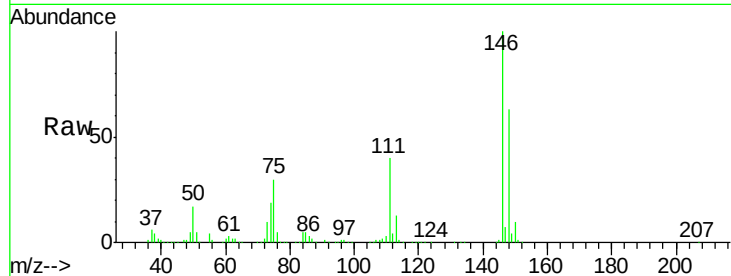




#91
 1,2-Dichlorobenzene
 Concen: 47.659 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

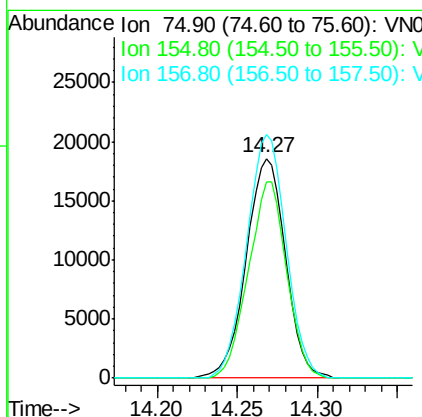
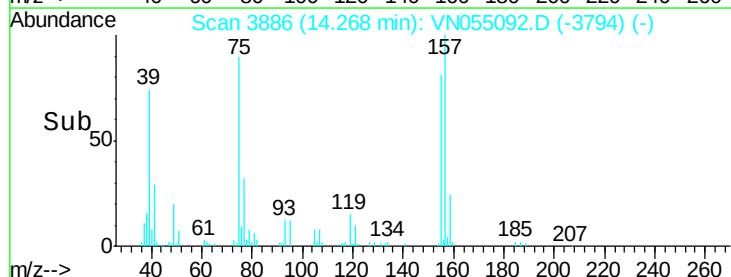
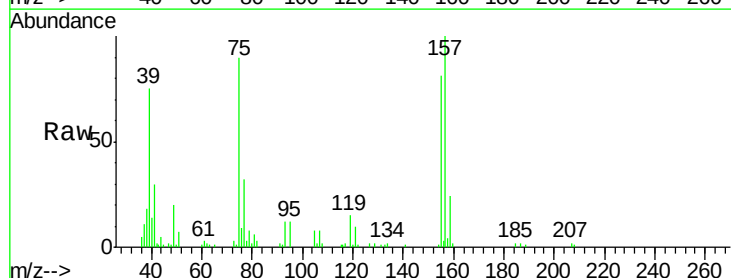
Instrument :
 MSVOA_N
 ClientSampled :

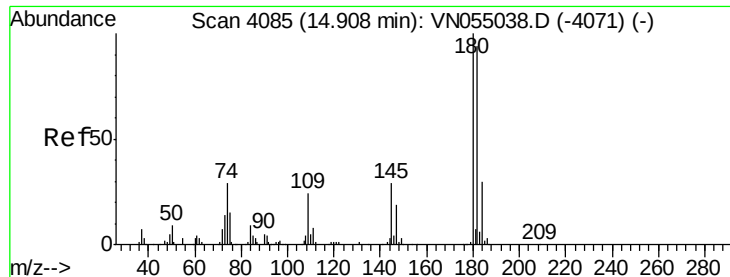
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.9
148	63.3	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.531 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	42.0	126.0
157	110.9	52.1	156.4

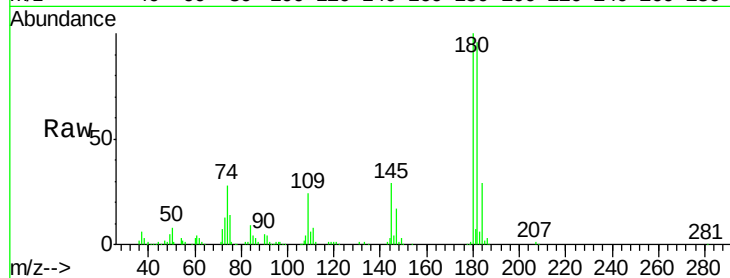




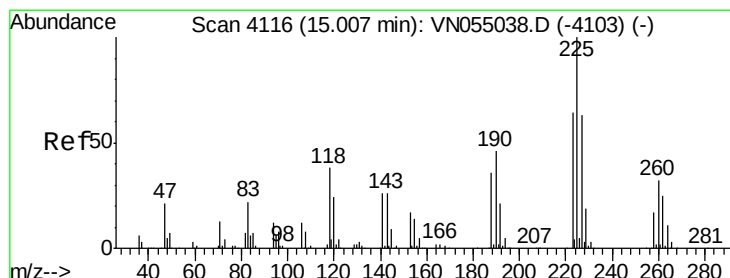
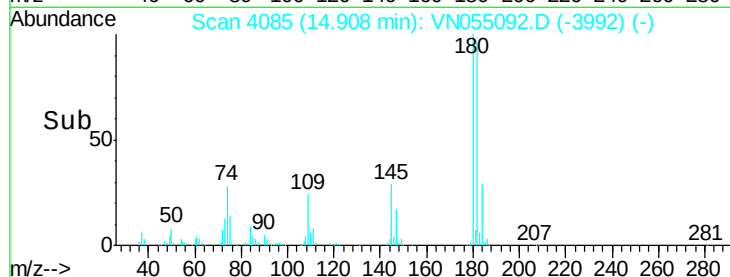
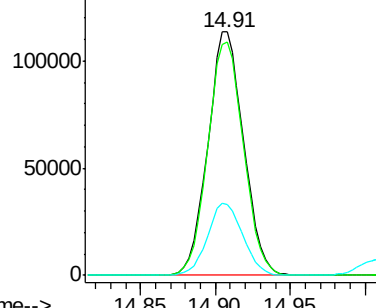
#93
 1,2,4-Trichlorobenzene
 Concen: 48.867 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.6
145	29.2	14.2	42.8

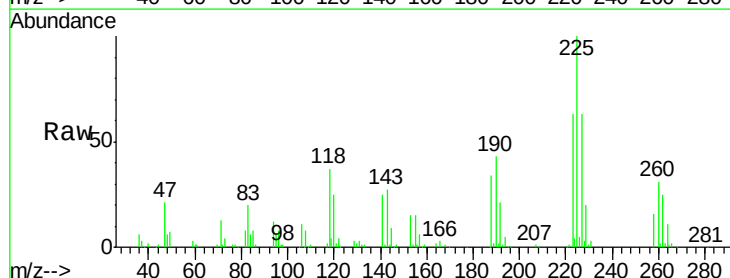


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

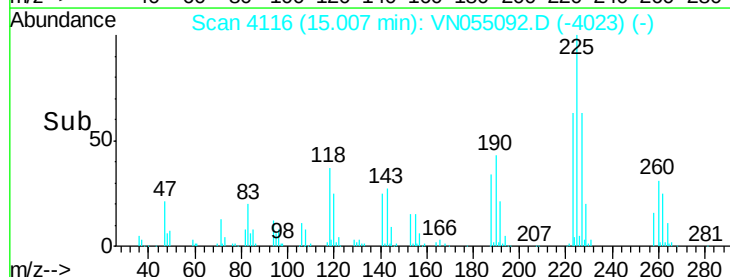
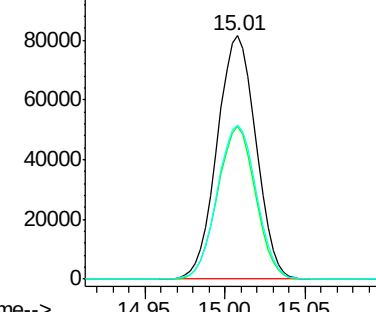


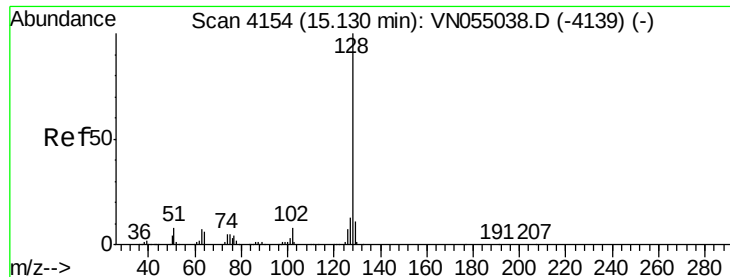
#94
 Hexachlorobutadiene
 Concen: 51.544 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055092.D
 Acq: 17 Apr 2019 8:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.4	94.0
227	63.8	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: 41.508 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

Instrument :

MSVOA_N

ClientSampled :

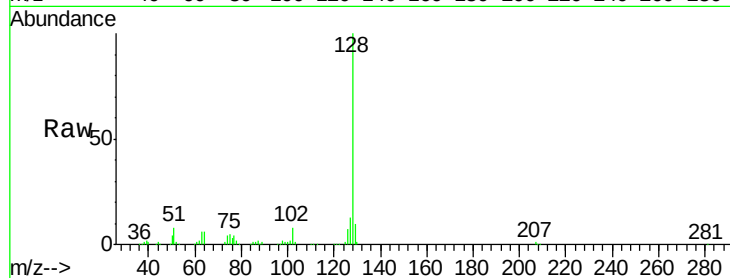
Tot Ion:128 Resp: 369059

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

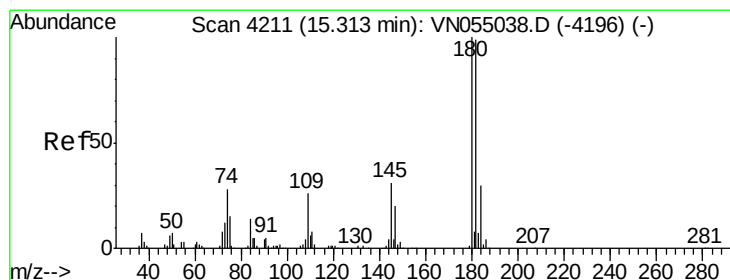
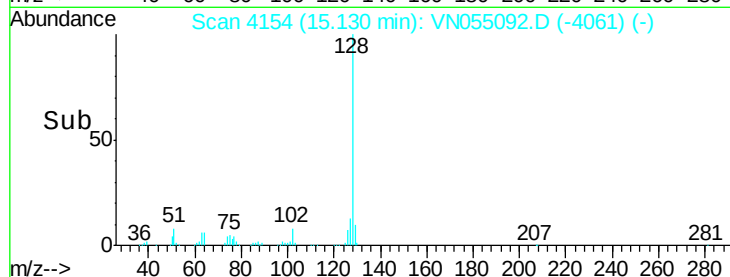
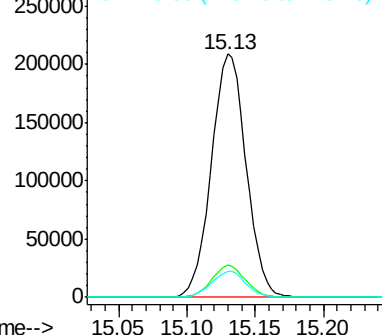
129 10.5 8.8 13.2



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: 55.798 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055092.D

Acq: 17 Apr 2019 8:59

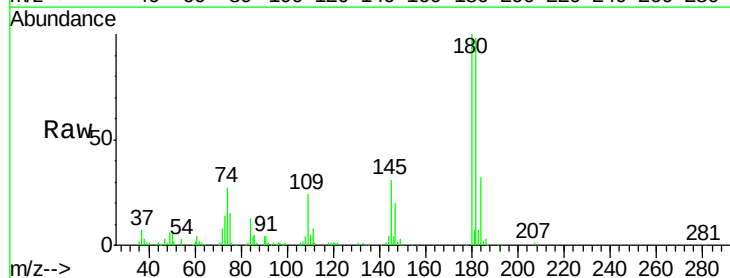
Tgt Ion:180 Resp: 182934

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 31.1 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

