

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057708.D
 Acq On : 5 Sep 2019 20:46
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

Quant Time: Sep 06 03:54:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	202993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	342834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	310036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	174179	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	258870	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	7.57	113	162146	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.08	98	592881	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	239596	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	163414	50.693	ug/l	97
3) Chloromethane	2.04	50	174625	46.545	ug/l	100
4) Vinyl Chloride	2.17	62	140621	50.371	ug/l	99
5) Bromomethane	2.53	94	70051	54.636	ug/l	98
6) Chloroethane	2.68	64	82889	50.293	ug/l	93
7) Trichlorofluoromethane	3.00	101	211613	47.232	ug/l	98
8) Diethyl Ether	3.39	74	87638	48.954	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	139318	49.825	ug/l	99
10) Methyl Iodide	3.93	142	155084	55.979	ug/l	99
11) Tert butyl alcohol	4.76	59	140160	249.808	ug/l #	83
12) 1,1-Dichloroethene	3.72	96	129234	51.370	ug/l	97
13) Acrolein	3.58	56	63976	239.762	ug/l	95
14) Allyl chloride	4.30	41	291294	50.669	ug/l	98
15) Acrylonitrile	4.96	53	370955	257.163	ug/l	99
16) Acetone	3.79	43	359081	236.289	ug/l	100
17) Carbon Disulfide	4.03	76	297488	52.192	ug/l	100
18) Methyl Acetate	4.30	43	199809	48.350	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	532157	50.385	ug/l	99
20) Methylene Chloride	4.53	84	154010	46.871	ug/l	92
21) trans-1,2-Dichloroethene	5.01	96	133791	50.540	ug/l	99
22) Diisopropyl ether	5.93	45	611884	50.314	ug/l	97
23) Vinyl Acetate	5.87	43	2615664	265.726	ug/l	99
24) 1,1-Dichloroethane	5.83	63	311830	50.008	ug/l	98
25) 2-Butanone	6.81	43	554604	254.840	ug/l	99
26) 2,2-Dichloropropane	6.81	77	259360	49.857	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	167628	50.448	ug/l	98
28) Bromochloromethane	7.18	49	164857	50.529	ug/l	100
29) Tetrahydrofuran	7.19	42	347279	247.442	ug/l	99
30) Chloroform	7.36	83	325632	50.115	ug/l	99
31) Cyclohexane	7.64	56	258092	46.565	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	284657	52.595	ug/l	99
36) 1,1-Dichloropropene	7.78	75	221966	48.667	ug/l	99
37) Ethyl Acetate	6.91	43	238704	52.718	ug/l	99
38) Carbon Tetrachloride	7.76	117	225021	51.526	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	236832	49.093	ug/l	99
40) Benzene	8.03	78	630590	48.881	ug/l	99
41) Methacrylonitrile	7.15	41	119685	54.074	ug/l #	89
42) 1,2-Dichloroethane	8.11	62	297801	49.249	ug/l	99
43) Isopropyl Acetate	8.15	43	434284	49.969	ug/l #	90
44) Trichloroethene	8.82	130	148620	51.259	ug/l	98
45) 1,2-Dichloropropane	9.11	63	179600	49.779	ug/l	97
46) Dibromomethane	9.20	93	118897	51.374	ug/l	99
47) Bromodichloromethane	9.40	83	250972	51.026	ug/l #	97
48) Methyl methacrylate	9.19	41	216905	48.527	ug/l	100
49) 1,4-Dioxane	9.19	88	52903	1017.232	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1244689	257.878	ug/l	100
52) Toluene	10.15	92	388562	49.696	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	260835	52.860	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	280121	52.543	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	156307	49.675	ug/l	96
56) Ethyl methacrylate	10.43	69	260891	51.946	ug/l	99
57) 1,3-Dichloropropane	10.71	76	280571	49.639	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	666810	261.698	ug/l	98
59) 2-Hexanone	10.75	43	882452	259.273	ug/l	100
60) Dibromochloromethane	10.90	129	165283	48.761	ug/l	99
61) 1,2-Dibromoethane	11.00	107	154779	51.238	ug/l	98
64) Tetrachloroethene	10.63	164	123166	50.955	ug/l	98
65) Chlorobenzene	11.43	112	409462	50.629	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	151981	54.007	ug/l	100
67) Ethyl Benzene	11.51	91	804664	51.567	ug/l	98
68) m/p-Xylenes	11.62	106	556603	103.563	ug/l	99
69) o-Xylene	11.95	106	272326	51.172	ug/l	98
70) Styrene	11.96	104	473977	51.473	ug/l	99
71) Bromoform	12.13	173	101431	48.350	ug/l #	100
73) Isopropylbenzene	12.25	105	779883	50.645	ug/l	100
74) N-amyl acetate	12.07	43	393925	51.209	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	229004	49.594	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	300681	75.174	ug/l #	100
77) Bromobenzene	12.53	156	168917	50.492	ug/l	98
78) n-propylbenzene	12.59	91	927743	50.709	ug/l	99
79) 2-Chlorotoluene	12.68	91	557220	50.030	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	668112	51.075	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	65293	50.768	ug/l	99
82) 4-Chlorotoluene	12.77	91	582440	50.776	ug/l	100
83) tert-Butylbenzene	12.99	119	552657	50.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	663776	51.227	ug/l	99
85) sec-Butylbenzene	13.17	105	765130	50.362	ug/l	100
86) p-Isopropyltoluene	13.29	119	669730	52.015	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	315363	50.425	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	311834	49.843	ug/l	99
89) n-Butylbenzene	13.62	91	652938	51.277	ug/l	99
90) Hexachloroethane	13.88	117	107113	53.093	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	311788	50.636	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48740	53.579	ug/l	98

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QLast Update : Fri Sep 06 03:46:54 2019
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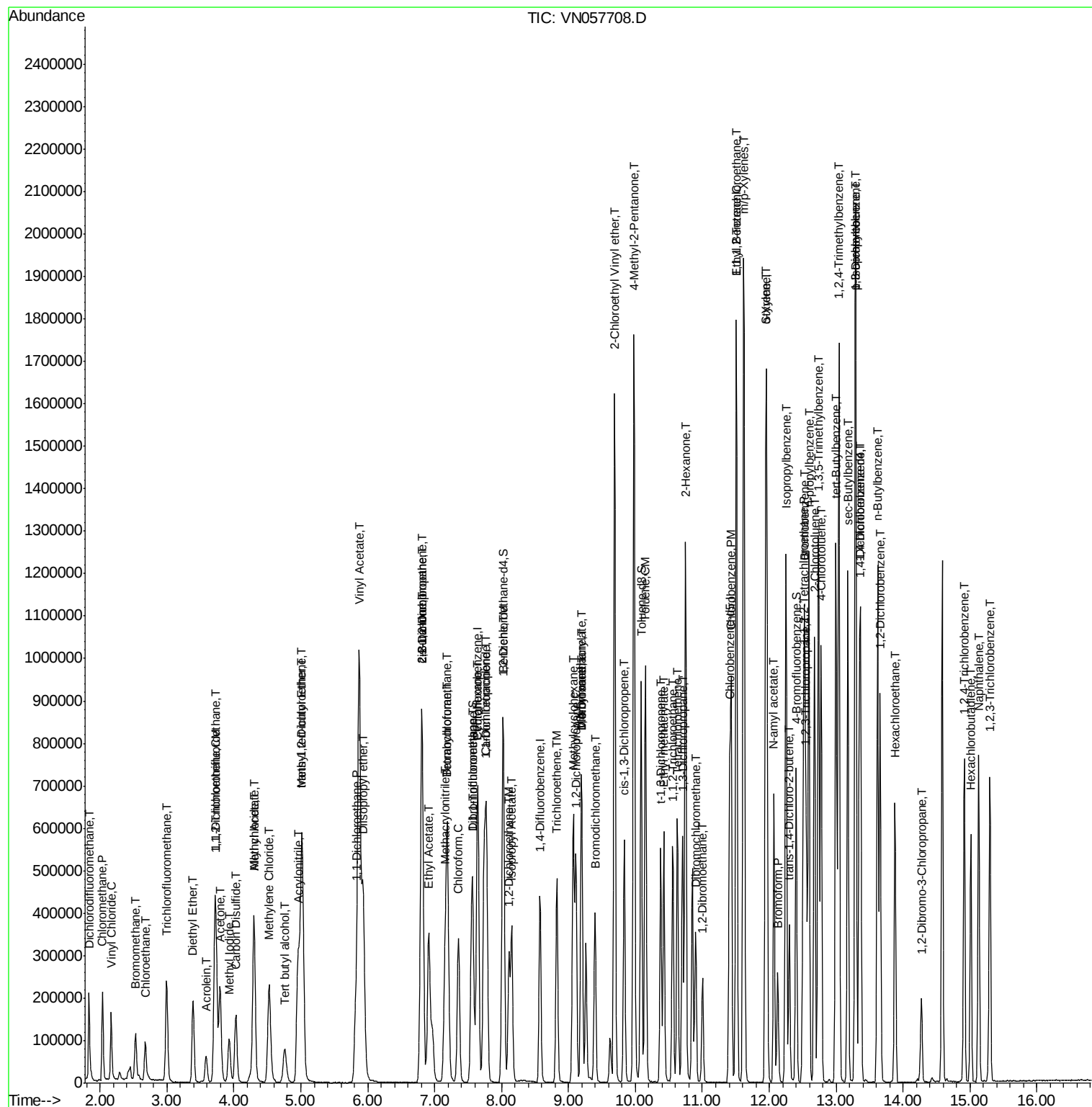
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	196664	53.388	ug/l	99
94) Hexachlorobutadiene	15.01	225	90956	50.658	ug/l	99
95) Naphthalene	15.13	128	559723	52.375	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	183215	51.889	ug/l	98

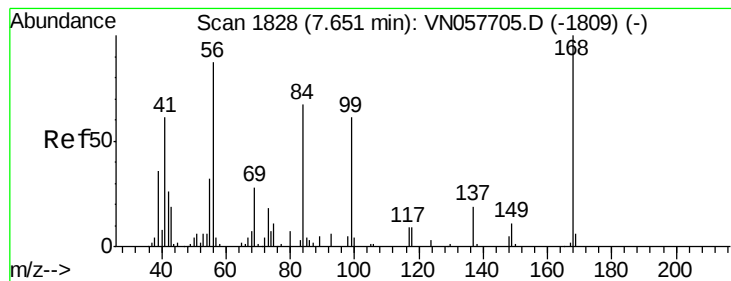
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

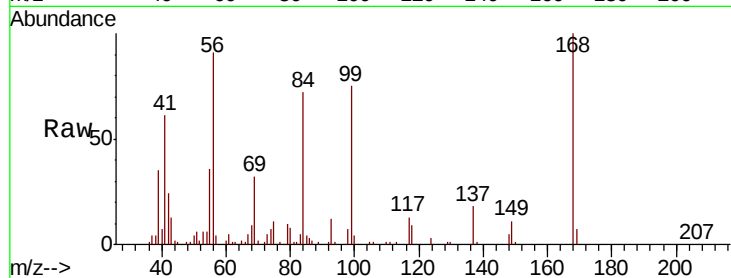
ICVVN090619

Tgt Ion:168 Resp: 202993

Ion Ratio Lower Upper

168 100

99 74.2 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

80000

60000

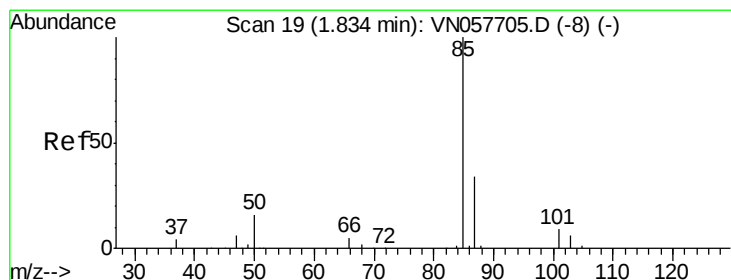
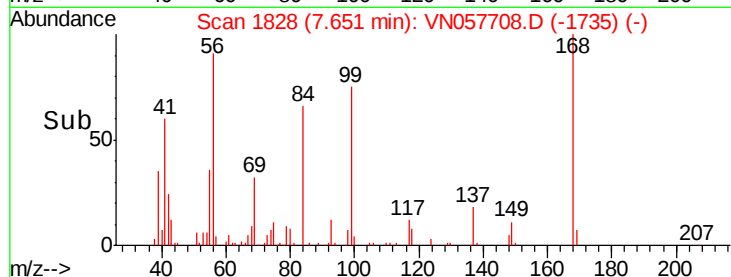
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 50.693 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN057708.D

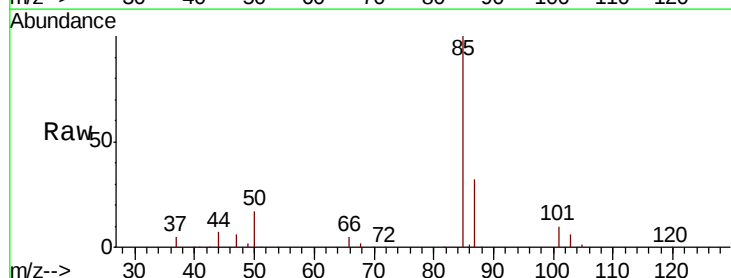
Acq: 5 Sep 2019 20:46

Tgt Ion: 85 Resp: 163414

Ion Ratio Lower Upper

85 100

87 32.4 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

120000

100000

80000

60000

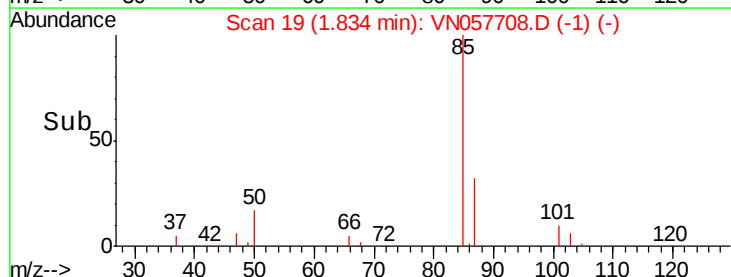
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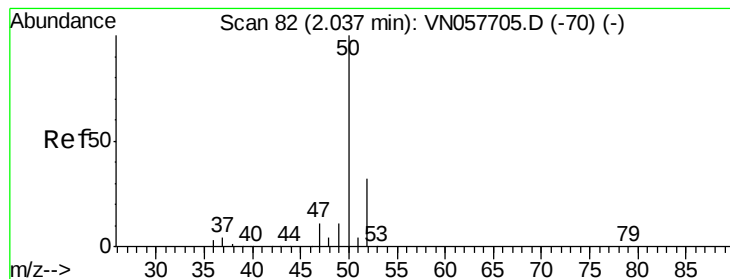
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 46.545 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampled :

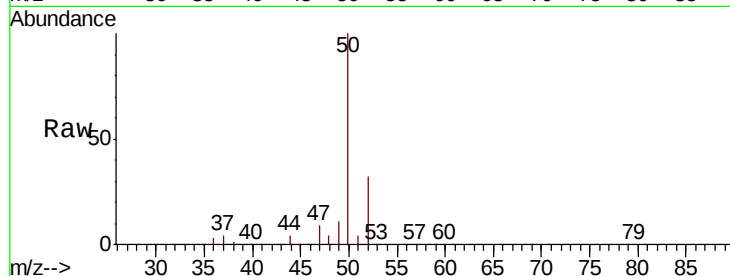
ICVVN090619

Tgt Ion: 50 Resp: 174625

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

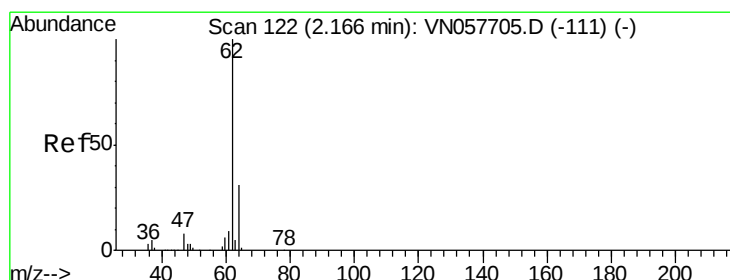
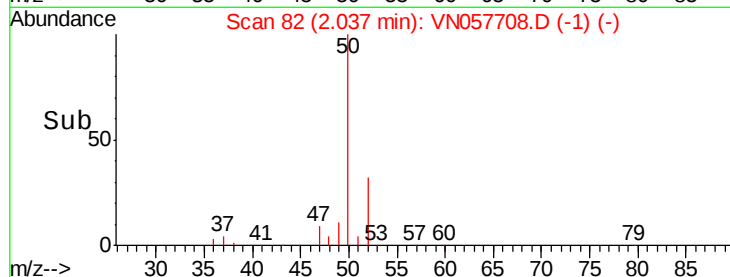
2.04

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.371 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN057708.D

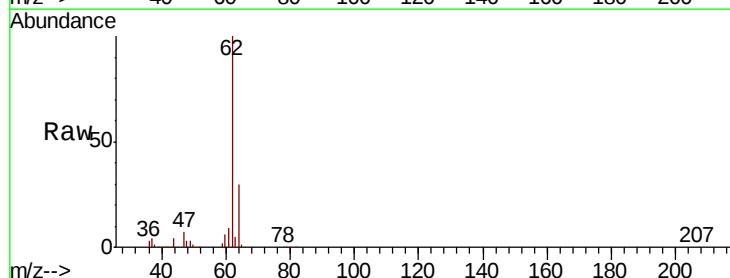
Acq: 5 Sep 2019 20:46

Tgt Ion: 62 Resp: 140621

Ion Ratio Lower Upper

62 100

64 30.3 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

100000

80000

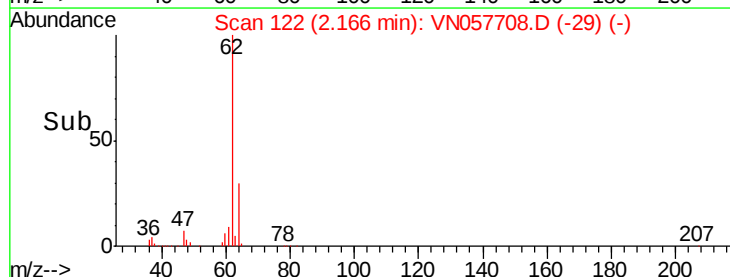
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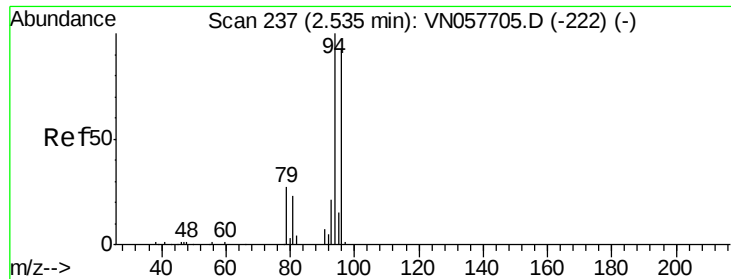
40000

20000

0

Time-->





#5

Bromomethane

Concen: 54.636 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

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ClientSampleId :

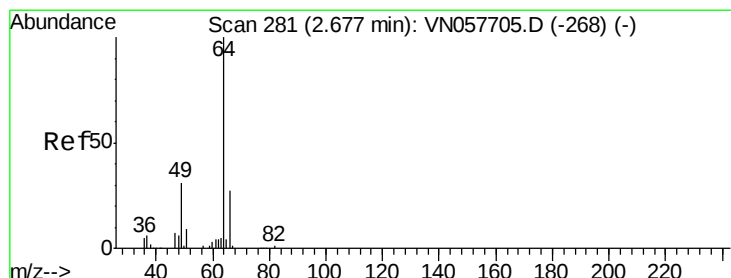
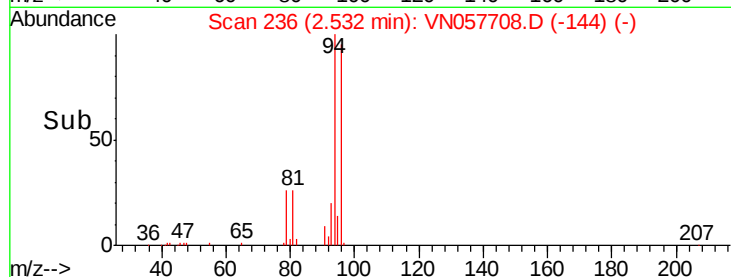
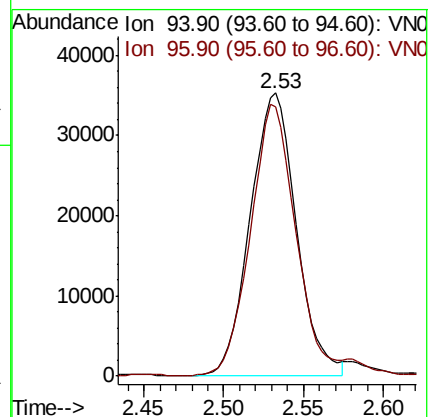
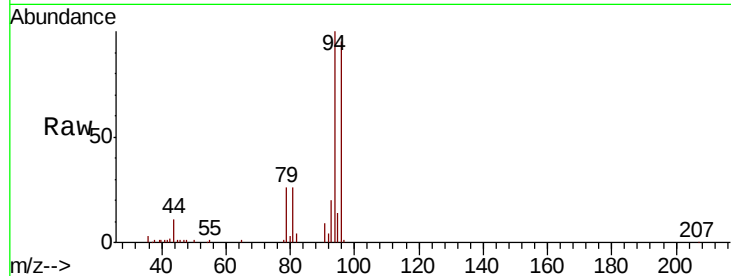
ICVVN090619

Tgt Ion: 94 Resp: 70051

Ion Ratio Lower Upper

94 100

96 95.2 74.8 112.2



#6

Chloroethane

Concen: 50.293 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN057708.D

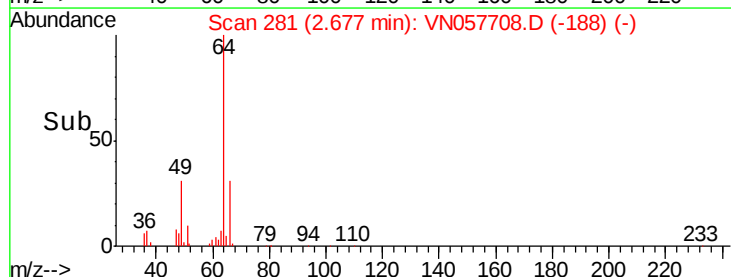
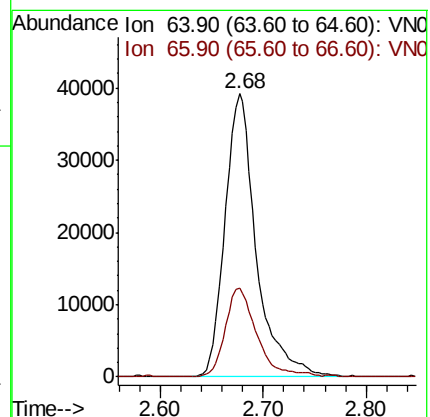
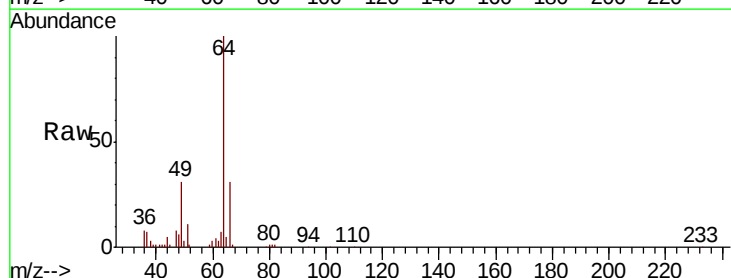
Acq: 5 Sep 2019 20:46

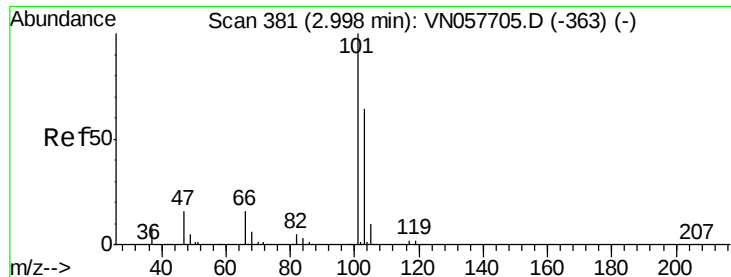
Tgt Ion: 64 Resp: 82889

Ion Ratio Lower Upper

64 100

66 31.3 22.0 33.0



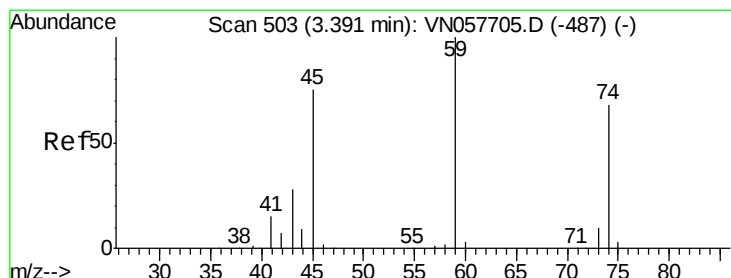
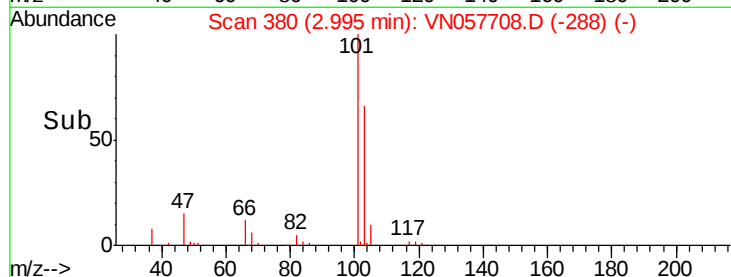
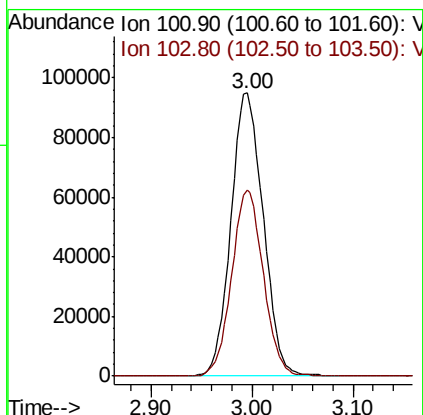
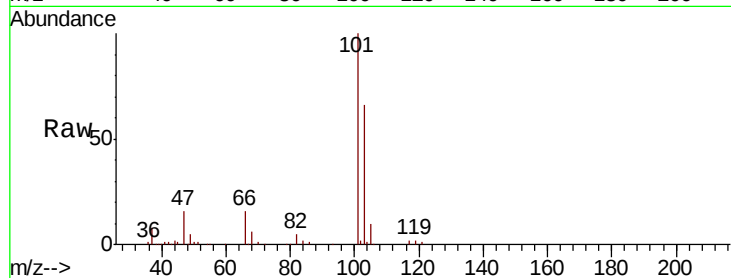


#7

Trichlorofluoromethane
Concen: 47.232 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Instrument :
MSVOA_N
ClientSampled :
ICVVN090619

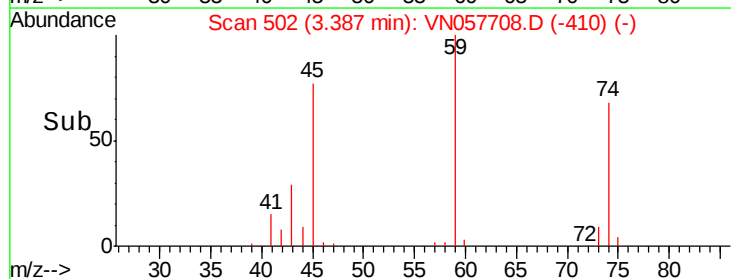
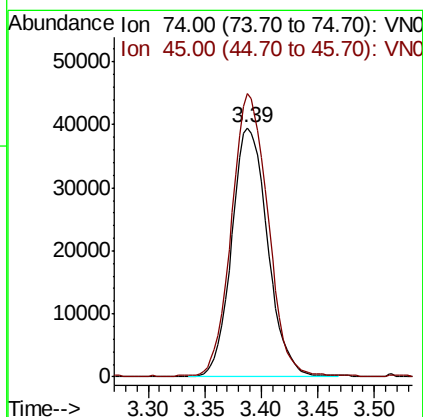
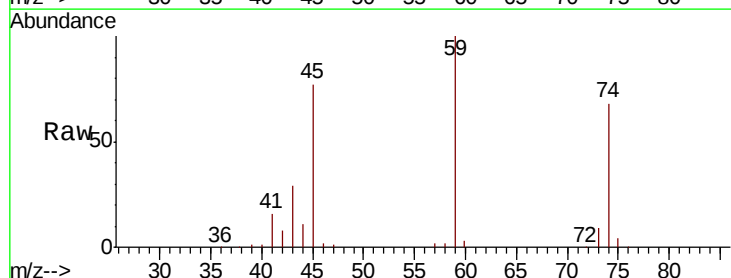
Tgt Ion: 101 Resp: 211613
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.0

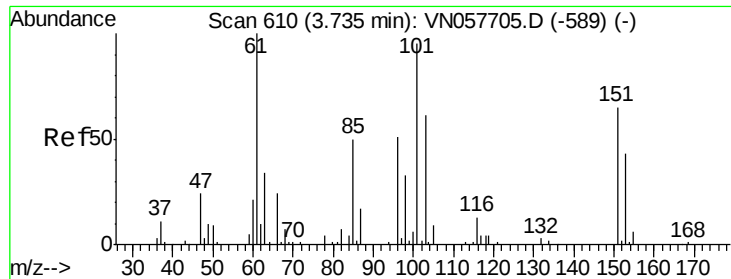


#8

Diethyl Ether
Concen: 48.954 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion: 74 Resp: 87638
Ion Ratio Lower Upper
74 100
45 113.6 55.4 166.0

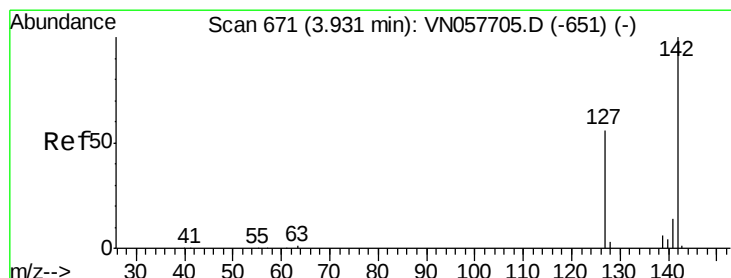
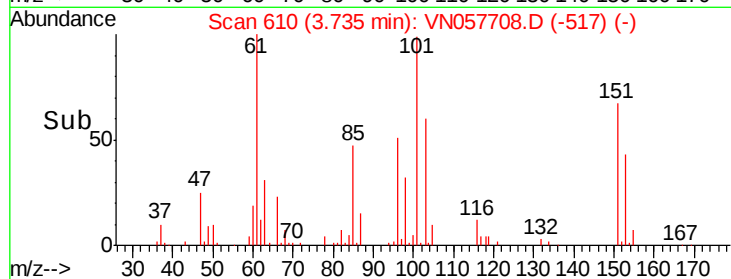
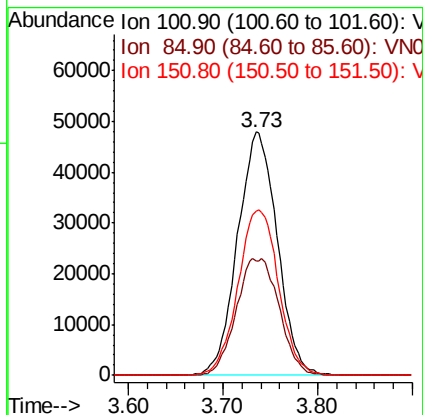
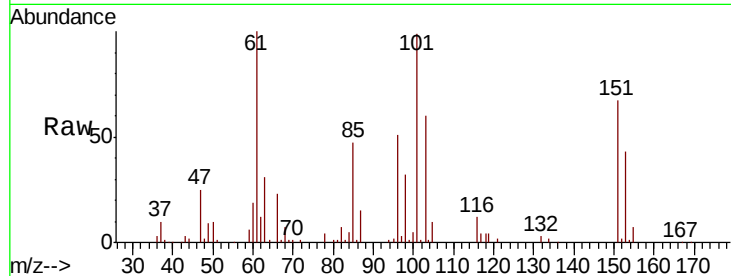




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.825 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

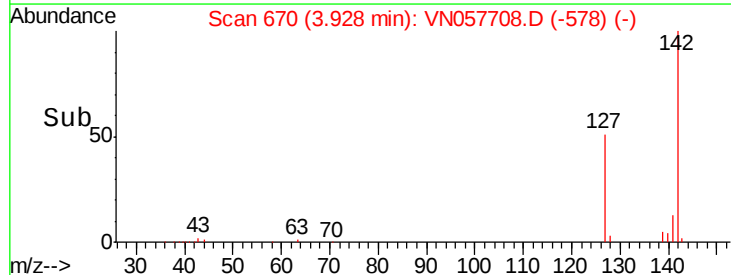
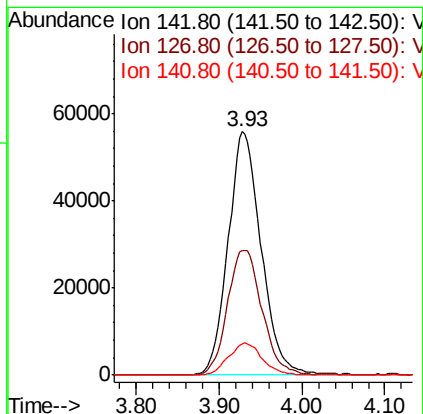
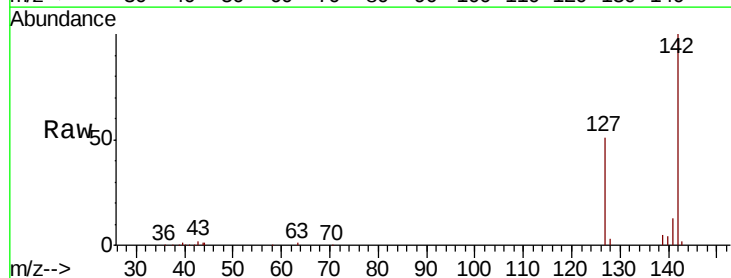
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

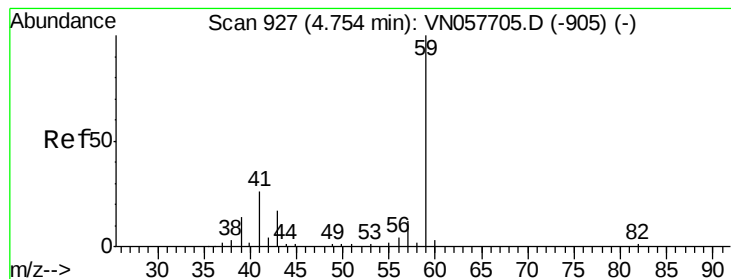
Tgt Ion:101 Resp: 139318
 Ion Ratio Lower Upper
 101 100
 85 51.9 42.8 64.2
 151 69.8 55.5 83.3



#10
 Methyl Iodide
 Concen: 55.979 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion:142 Resp: 155084
 Ion Ratio Lower Upper
 142 100
 127 53.4 42.1 63.1
 141 13.6 11.0 16.4



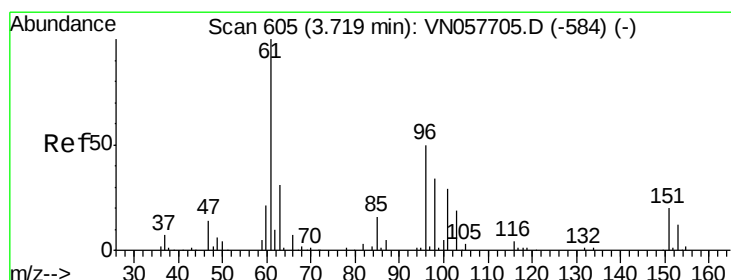
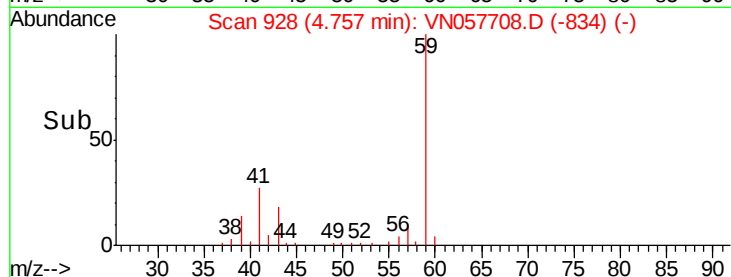
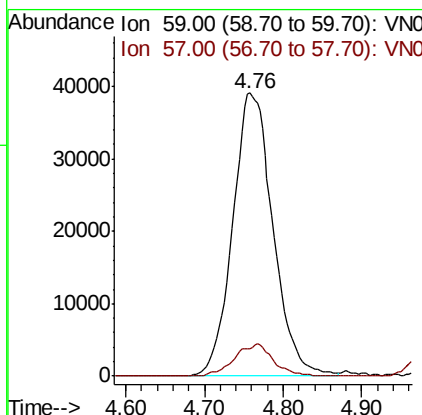
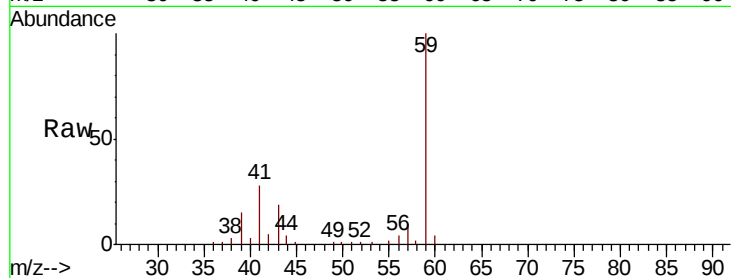


#11

Tert butyl alcohol
 Concen: 249.808 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

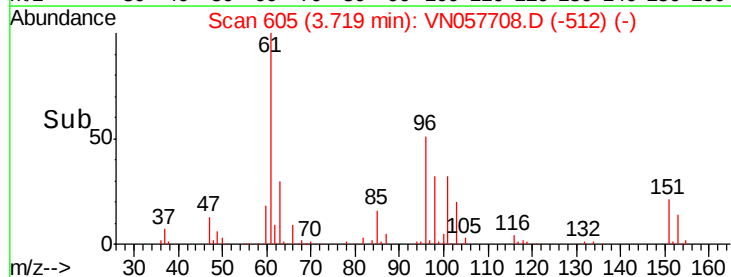
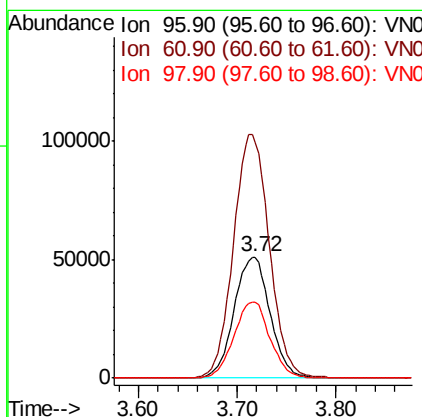
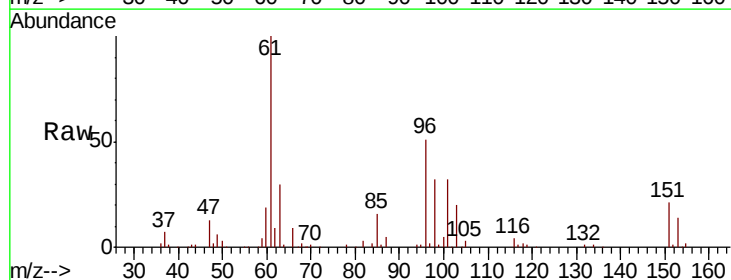
Tgt Ion: 59 Resp: 140160
 Ion Ratio Lower Upper
 59 100
 57 4.7 8.9 13.3#

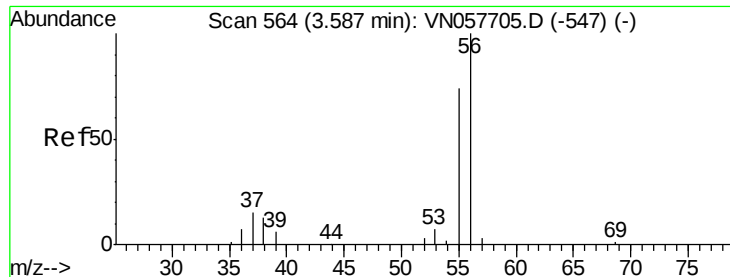


#12

1,1-Dichloroethene
 Concen: 51.370 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion: 96 Resp: 129234
 Ion Ratio Lower Upper
 96 100
 61 194.6 158.7 238.1
 98 62.4 53.8 80.8

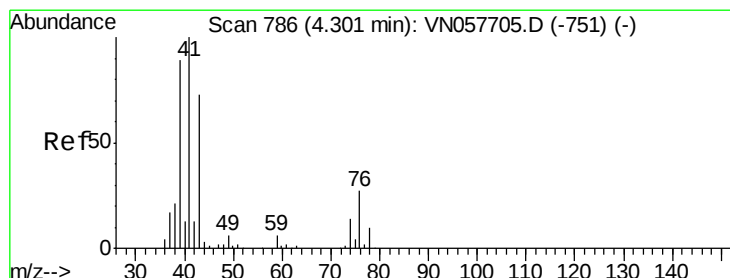
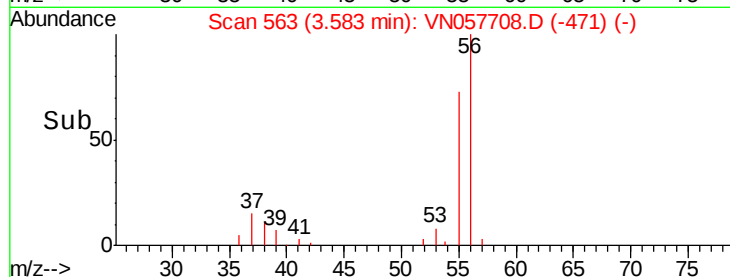
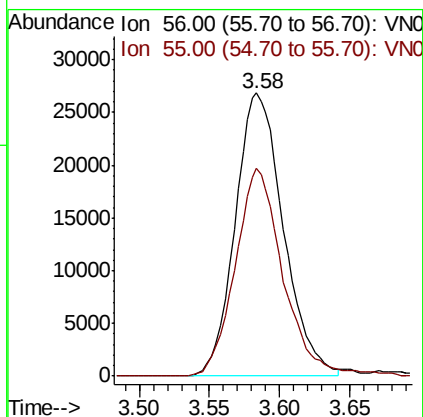
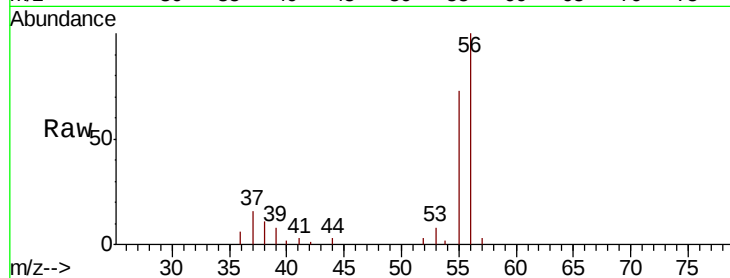




#13
 Acrolein
 Concen: 239.762 ug/l
 RT: 3.58 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

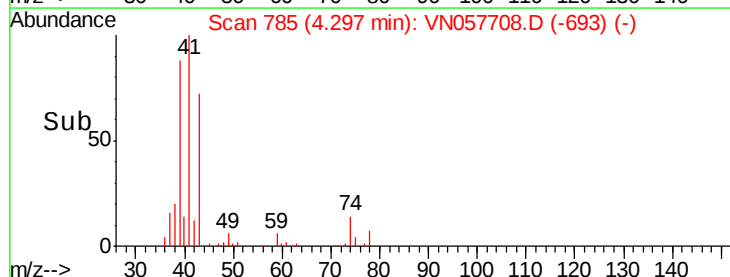
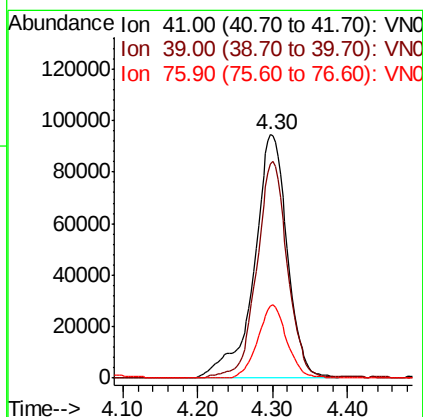
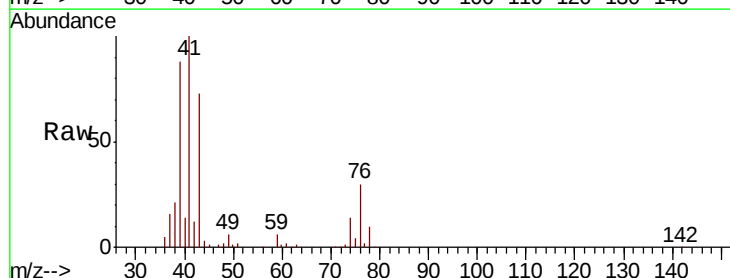
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

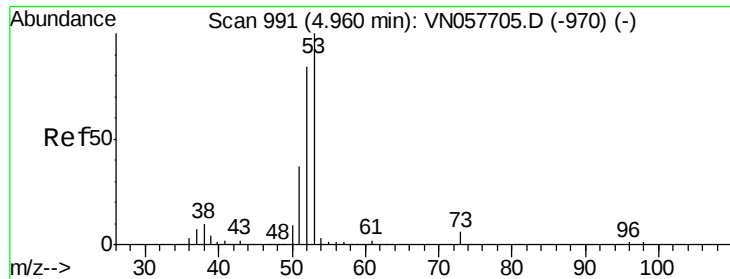
Tgt Ion: 56 Resp: 63976
 Ion Ratio Lower Upper
 56 100
 55 73.3 55.4 83.0



#14
 Allyl chloride
 Concen: 50.669 ug/l
 RT: 4.30 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion: 41 Resp: 291294
 Ion Ratio Lower Upper
 41 100
 39 82.5 67.5 101.3
 76 26.3 21.4 32.2





#15

Acrylonitrile

Concen: 257.163 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampled :

ICVFN090619

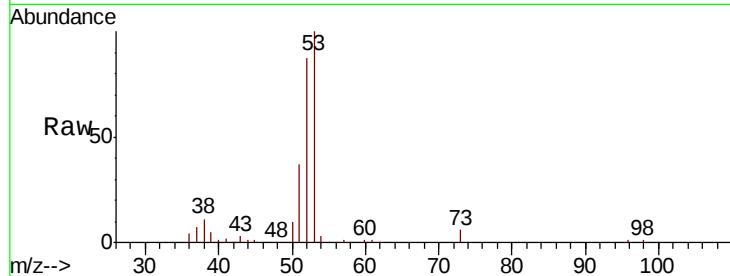
Tgt Ion: 53 Resp: 370955

Ion Ratio Lower Upper

53 100

52 84.0 68.1 102.1

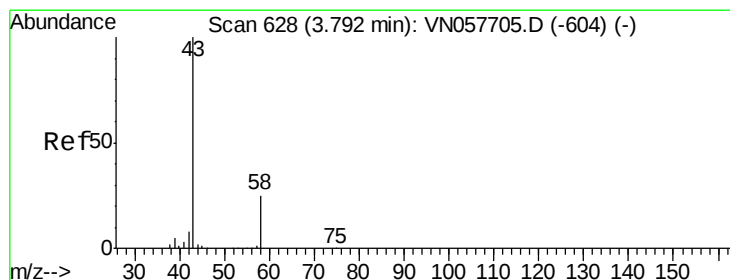
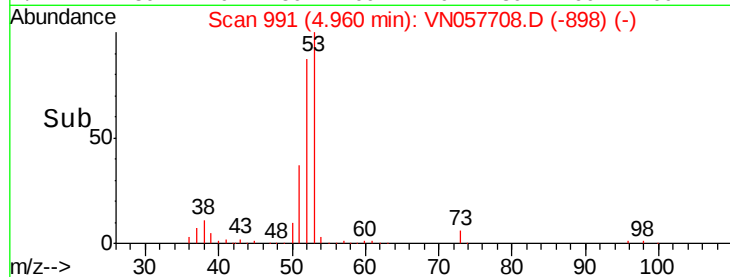
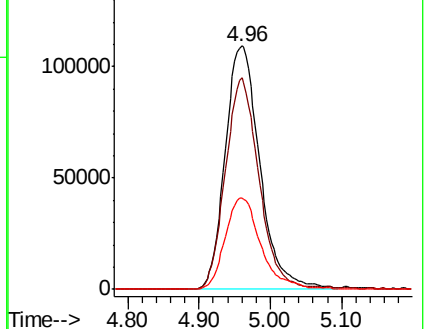
51 38.7 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 236.289 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN057708.D

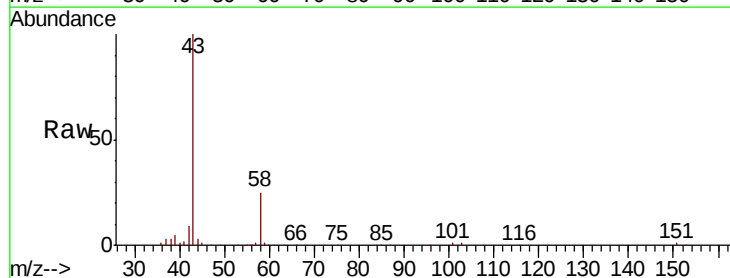
Acq: 5 Sep 2019 20:46

Tgt Ion: 43 Resp: 359081

Ion Ratio Lower Upper

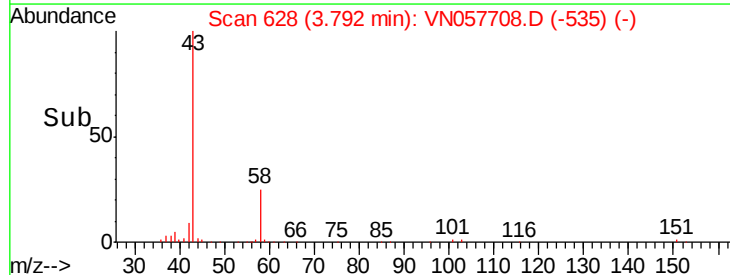
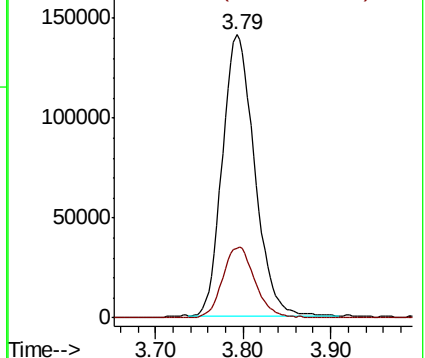
43 100

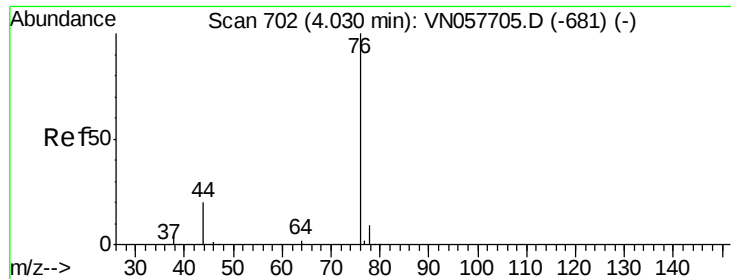
58 24.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

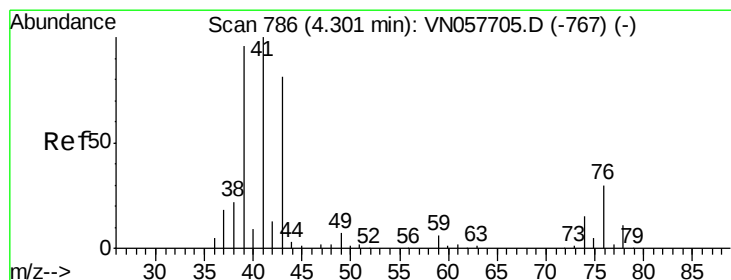
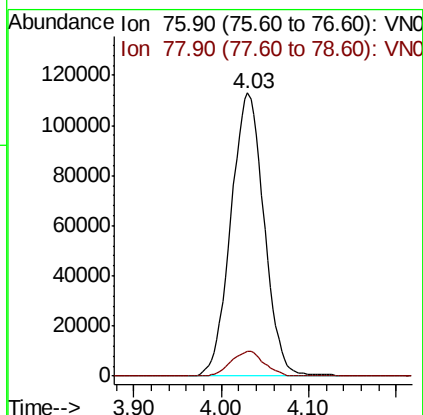
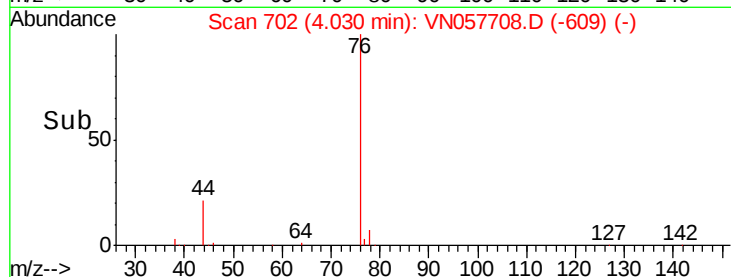
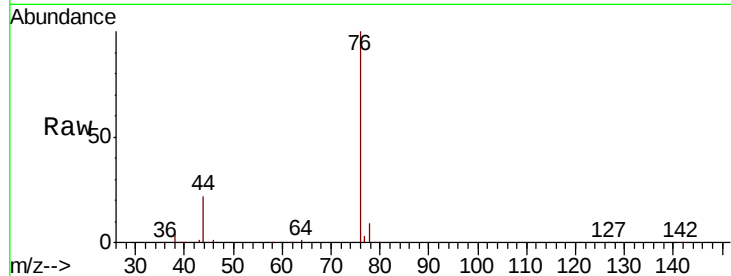




#17
Carbon Disulfide
Concen: 52.192 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

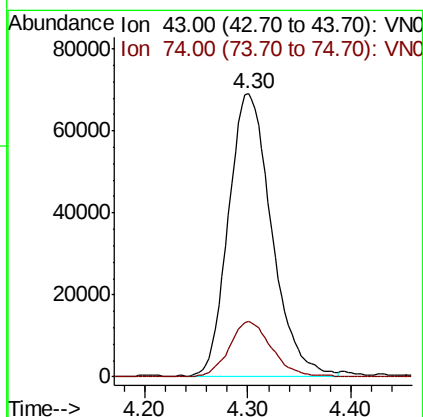
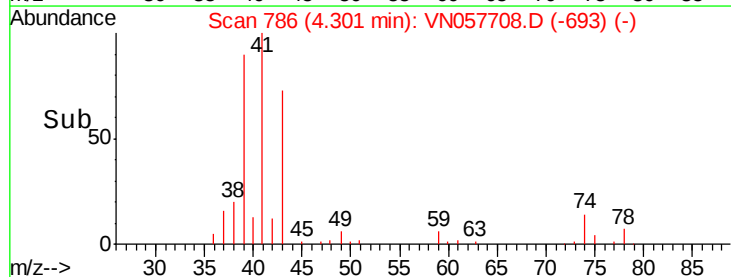
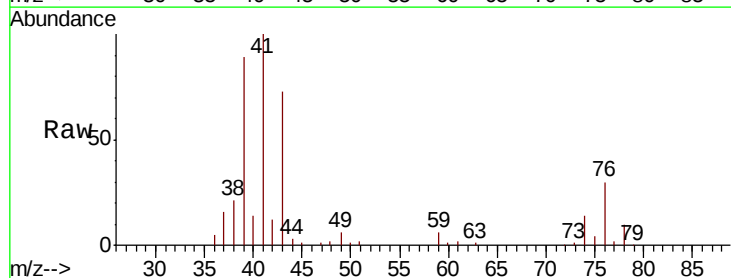
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

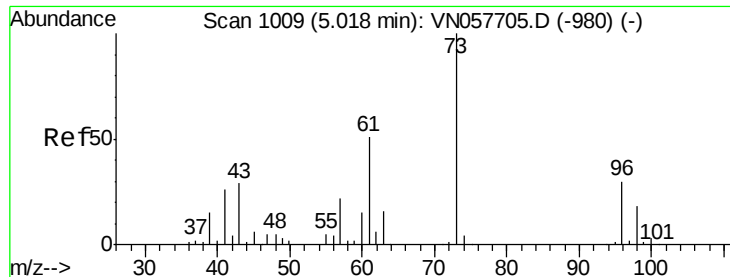
Tgt Ion: 76 Resp: 297488
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 48.350 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion: 43 Resp: 199809
Ion Ratio Lower Upper
43 100
74 19.4 15.3 22.9

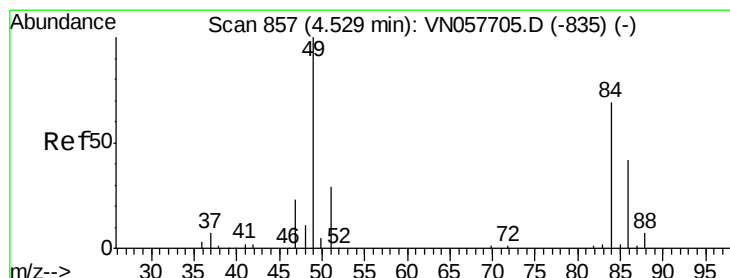
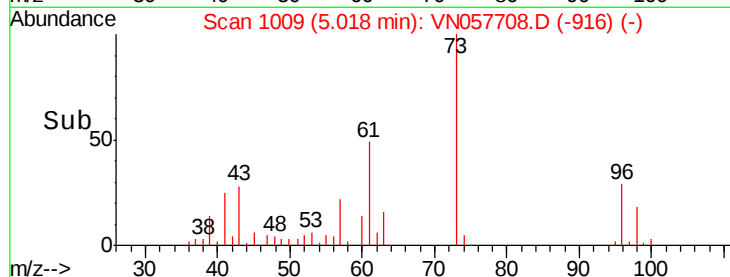
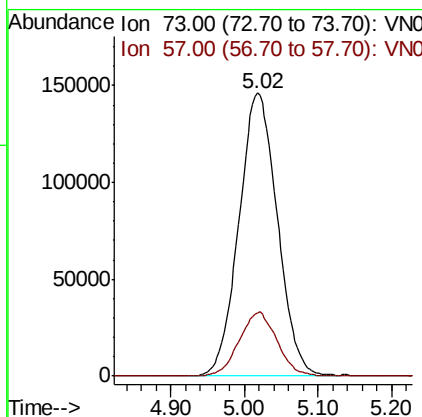
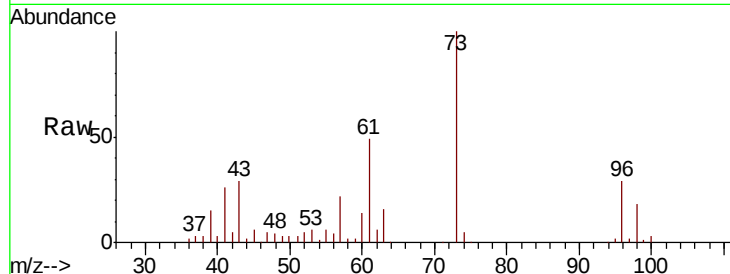




#19
Methyl tert-butyl Ether
Concen: 50.385 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

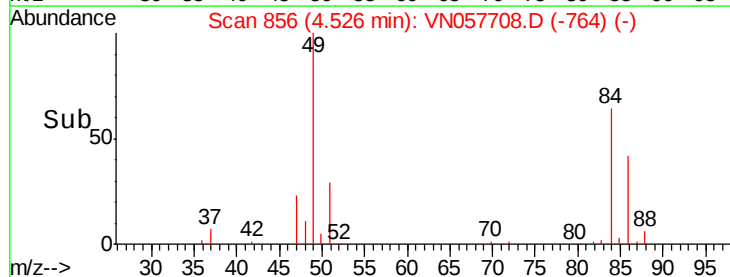
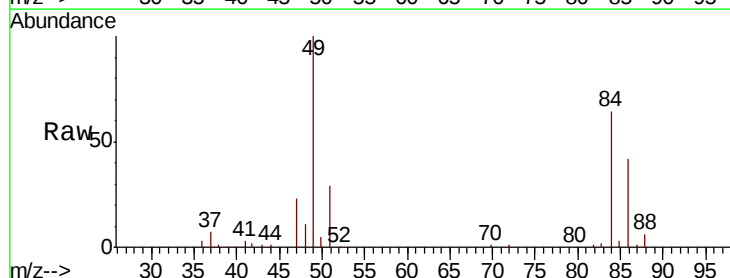
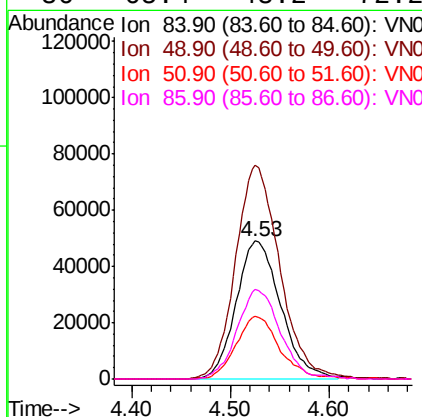
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

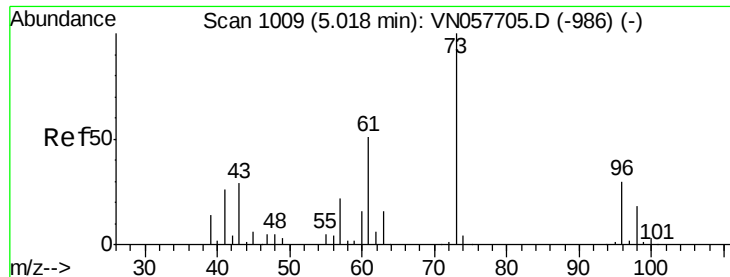
Tgt Ion: 73 Resp: 532157
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 46.871 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion: 84 Resp: 154010
Ion Ratio Lower Upper
84 100
49 155.2 115.0 172.6
51 45.3 33.8 50.8
86 65.4 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 50.540 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

ICV090619

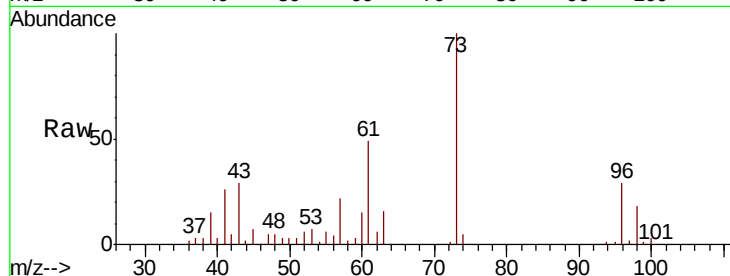
Tgt Ion: 96 Resp: 133791

Ion Ratio Lower Upper

96 100

61 168.9 135.8 203.8

98 61.4 49.0 73.6

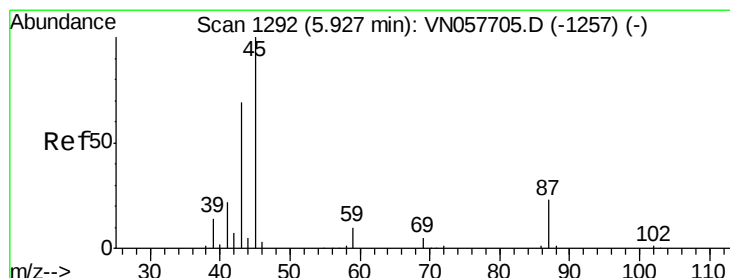
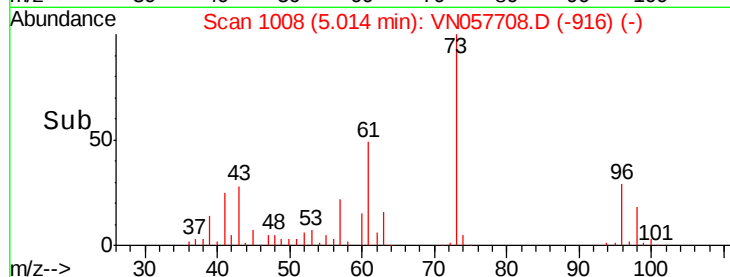
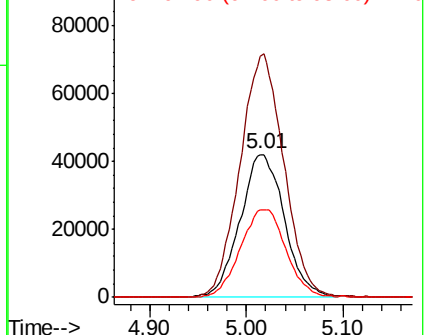


Abundance

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: 50.314 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Tgt Ion: 45 Resp: 611884

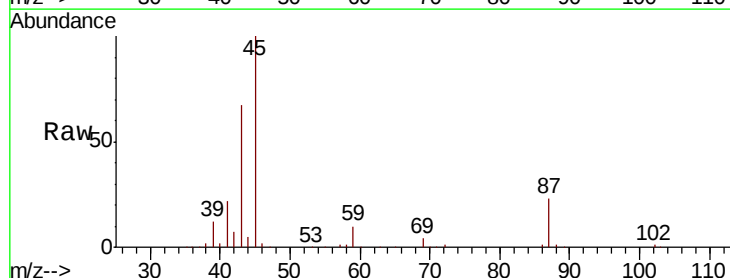
Ion Ratio Lower Upper

45 100

43 65.6 55.5 83.3

87 22.9 18.6 28.0

59 9.7 7.9 11.9



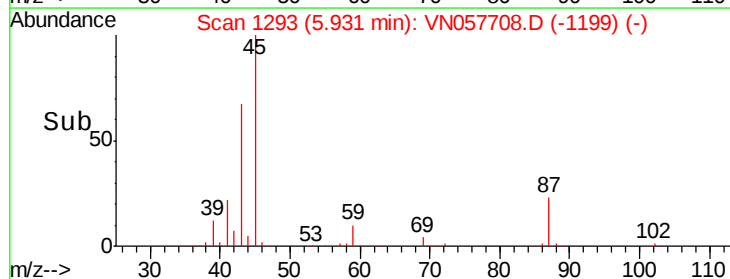
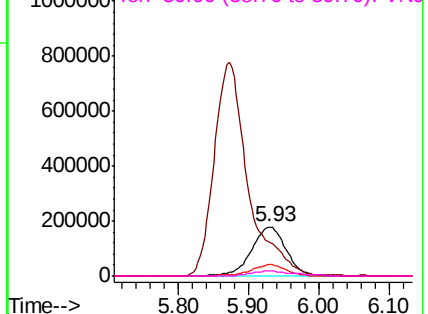
Abundance

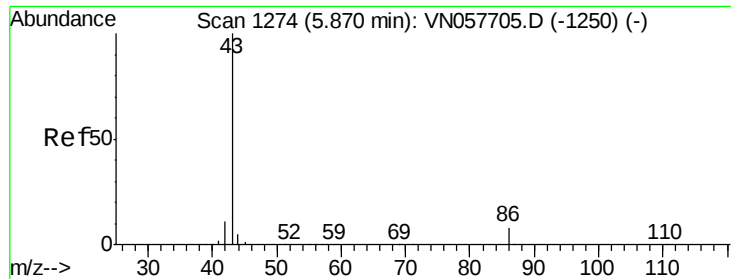
Ion 45.00 (44.70 to 45.70): VN0

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

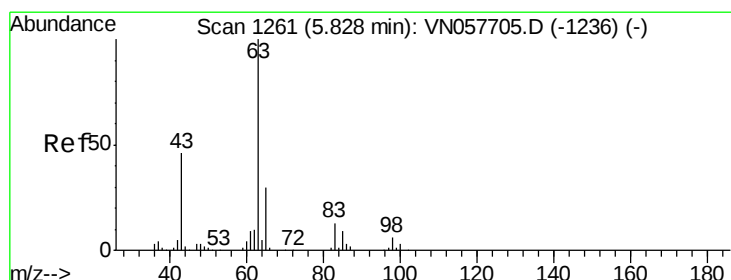
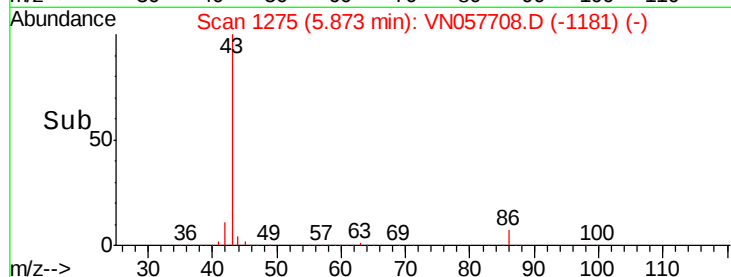
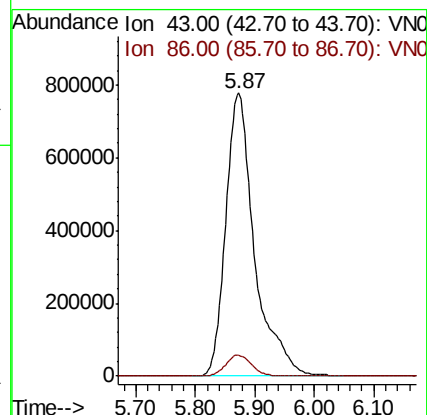
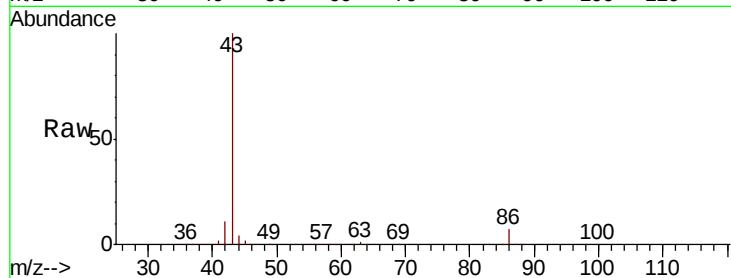




#23
 Vinyl Acetate
 Concen: 265.726 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

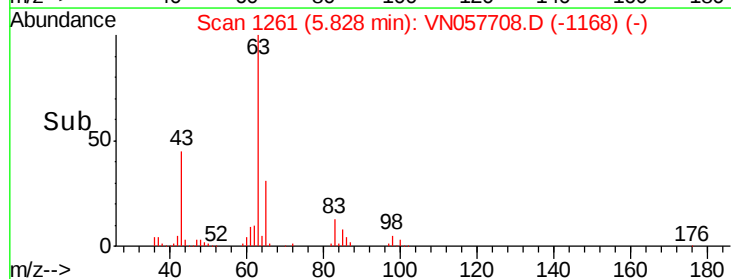
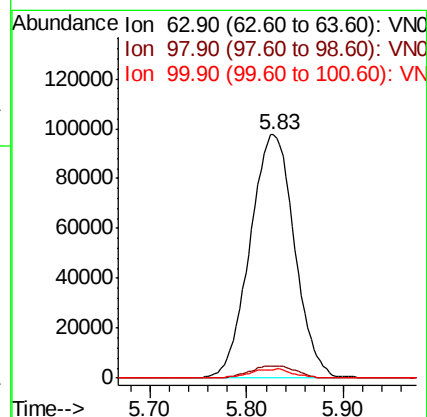
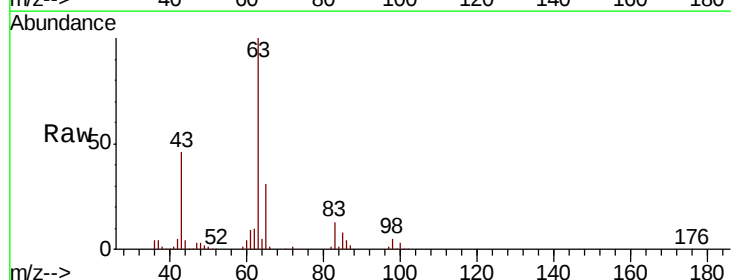
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

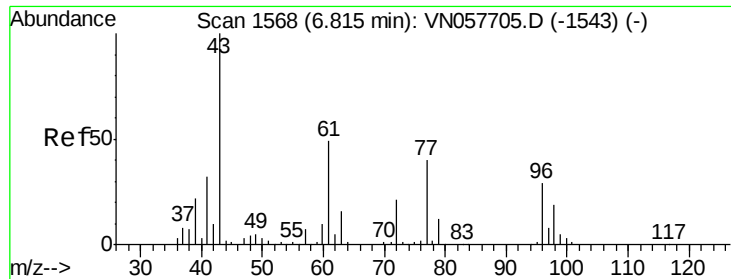
Tgt Ion: 43 Resp: 2615664
 Ion Ratio Lower Upper
 43 100
 86 7.3 6.2 9.4



#24
 1,1-Dichloroethane
 Concen: 50.008 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion: 63 Resp: 311830
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.9 8.8
 100 3.5 1.7 5.0





#25

2-Butanone

Concen: 254.840 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

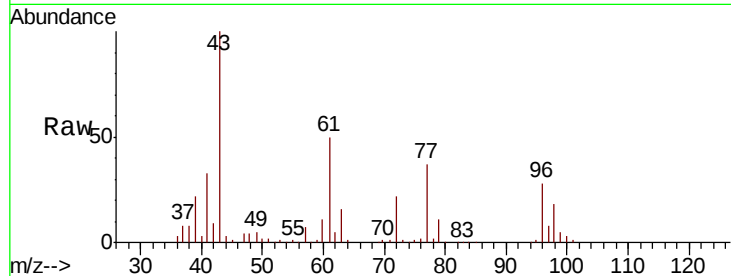
ICVVN090619

Tgt Ion: 43 Resp: 554604

Ion Ratio Lower Upper

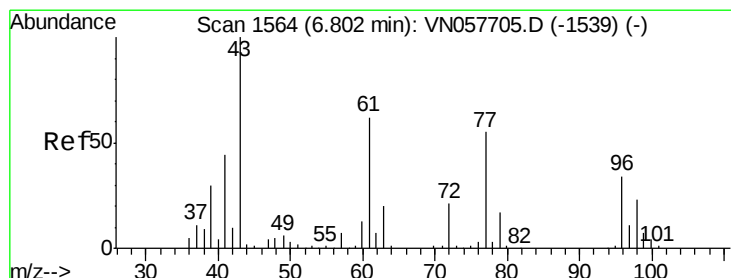
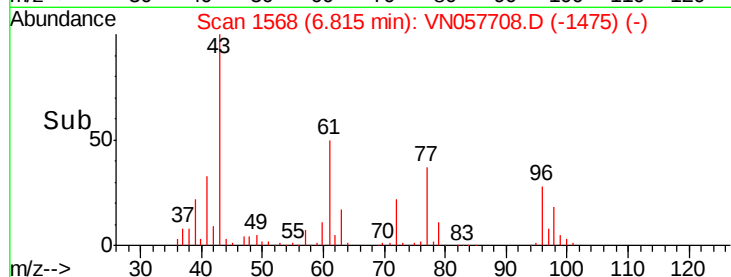
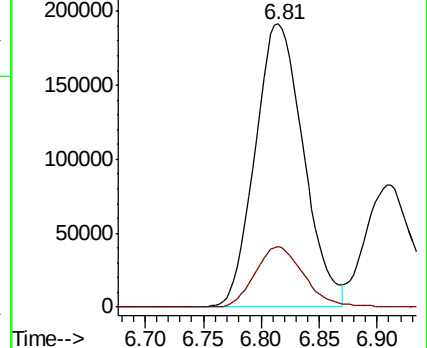
43 100

72 21.6 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 49.857 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057708.D

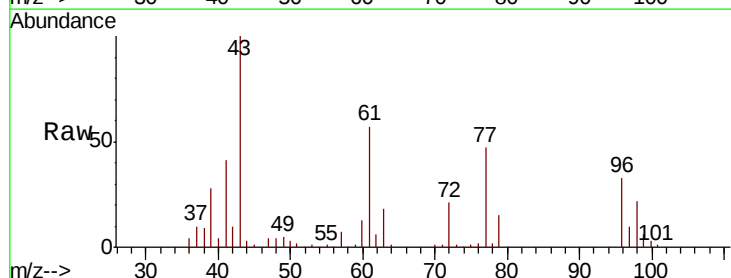
Acq: 5 Sep 2019 20:46

Tgt Ion: 77 Resp: 259360

Ion Ratio Lower Upper

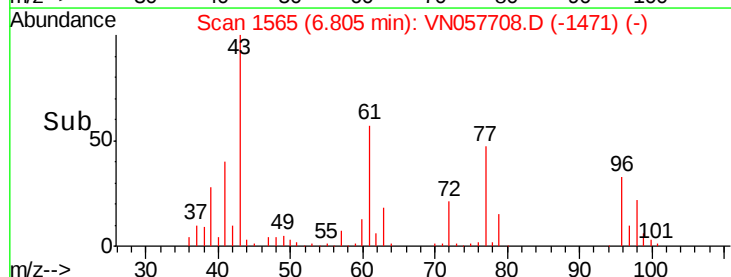
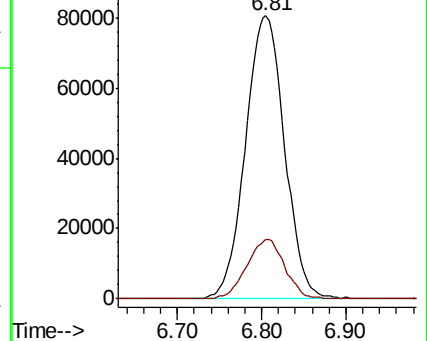
77 100

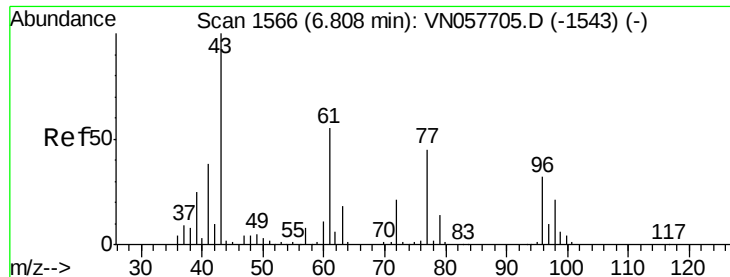
97 20.4 10.1 30.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 50.448 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090619

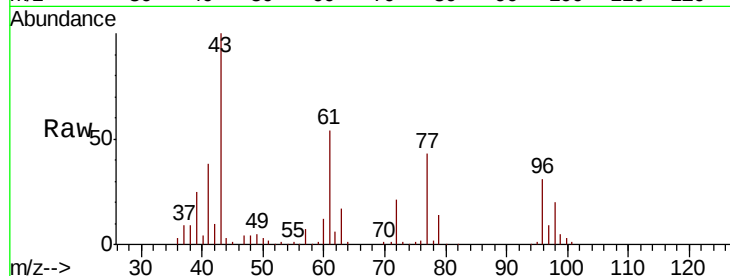
Tgt Ion: 96 Resp: 167628

Ion Ratio Lower Upper

96 100

61 176.8 0.0 360.6

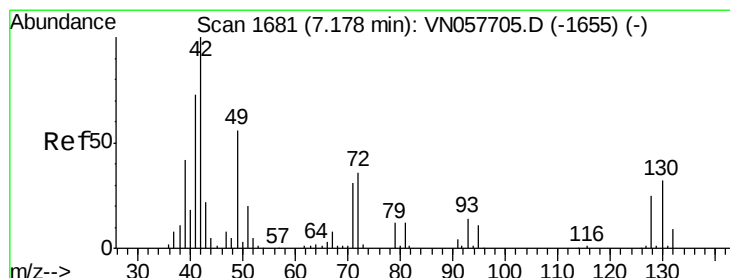
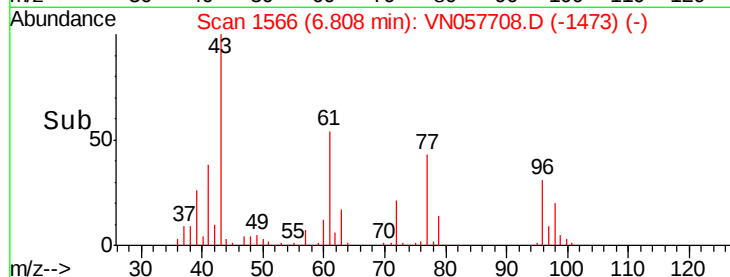
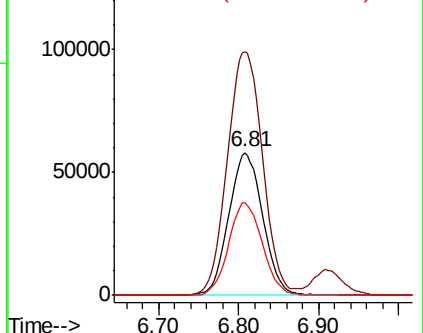
98 64.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.529 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

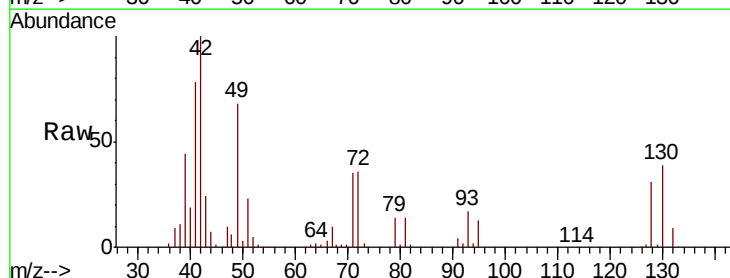
Tgt Ion: 49 Resp: 164857

Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.4

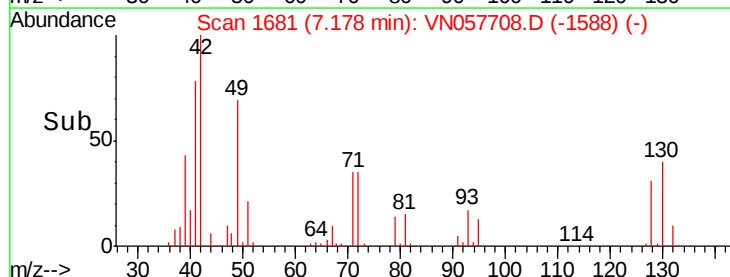
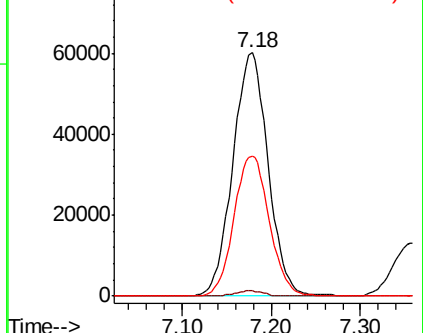
130 57.6 45.8 68.8

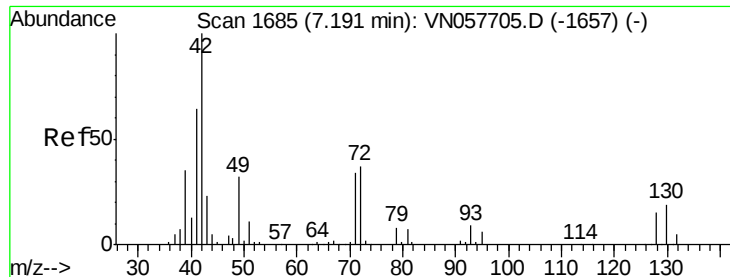


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

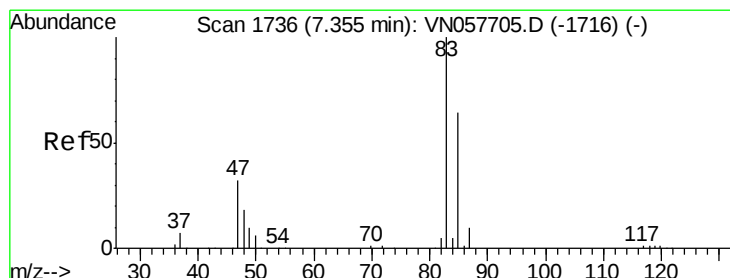
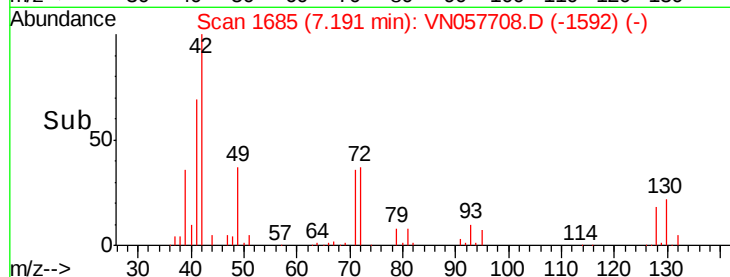
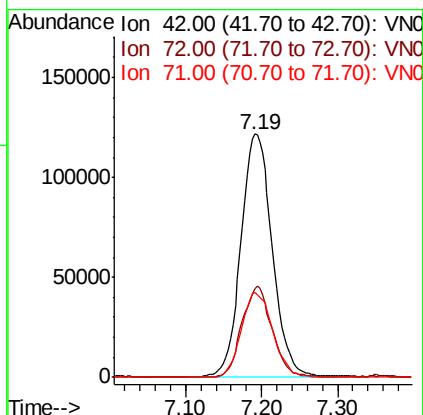
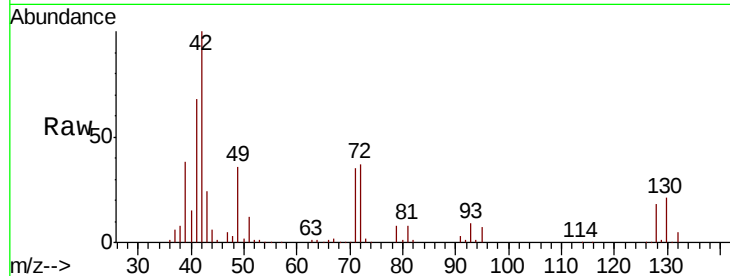




#29
Tetrahydrofuran
Concen: 247.442 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

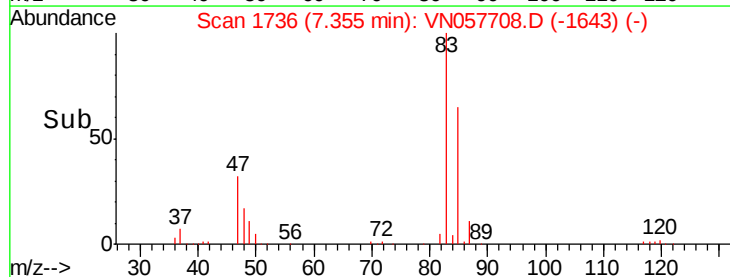
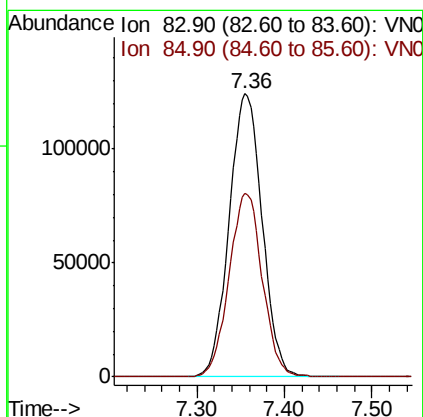
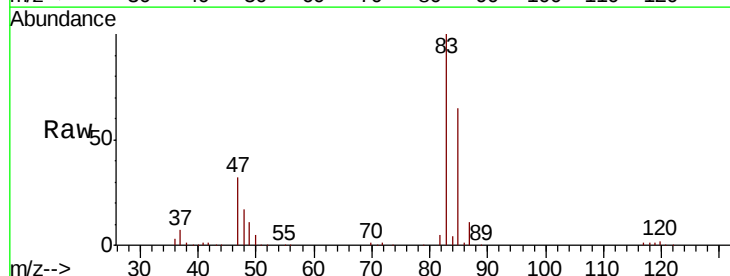
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

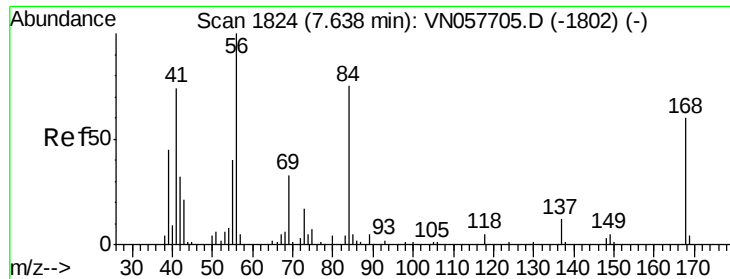
Tgt Ion: 42 Resp: 347279
Ion Ratio Lower Upper
42 100
72 36.1 29.2 43.8
71 35.0 27.0 40.4



#30
Chloroform
Concen: 50.115 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion: 83 Resp: 325632
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9

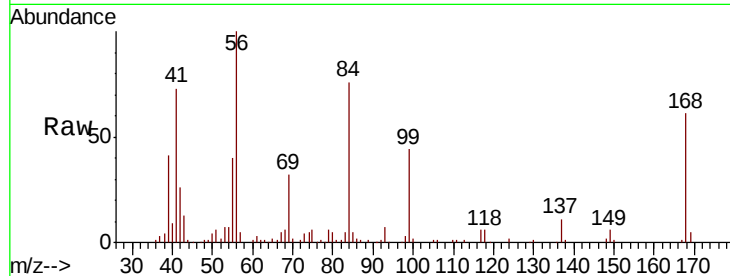




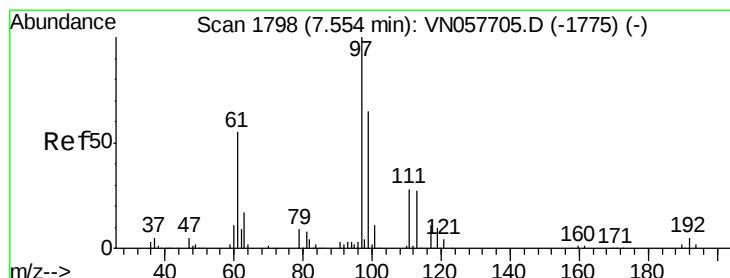
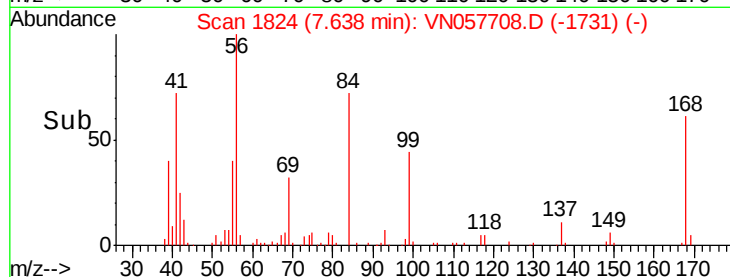
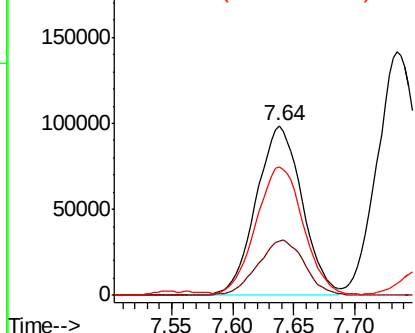
#31
Cyclohexane
Concen: 46.565 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

Tgt Ion: 56 Resp: 258092
Ion Ratio Lower Upper
56 100
69 32.3 26.2 39.2
84 73.3 59.8 89.8

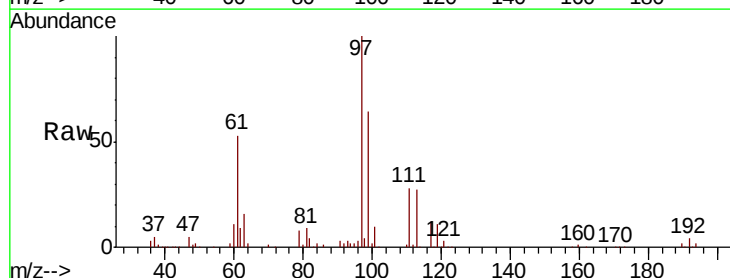


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

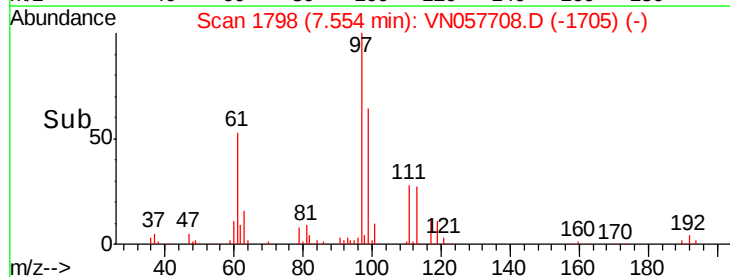
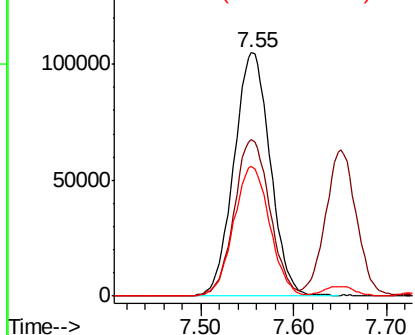


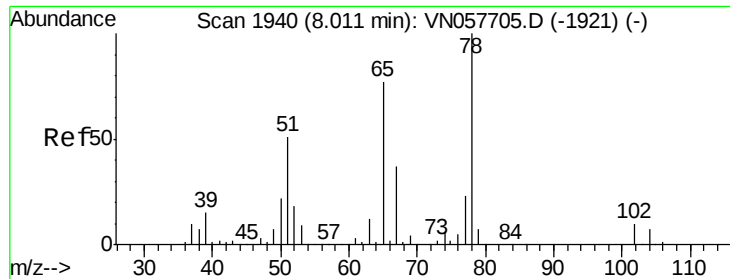
#32
1,1,1-Trichloroethane
Concen: 52.595 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion: 97 Resp: 284657
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 53.2 42.8 64.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

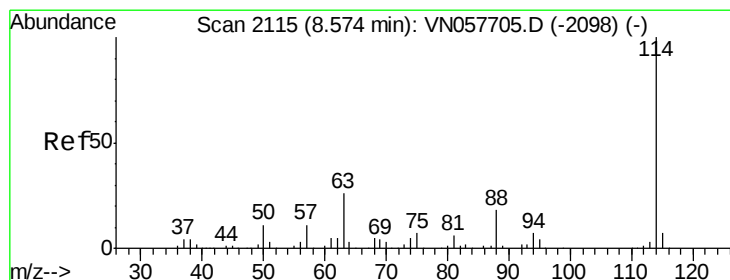
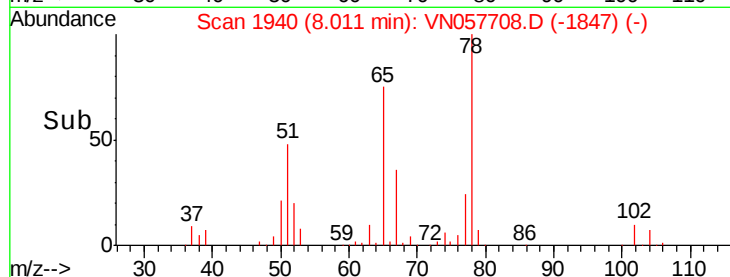
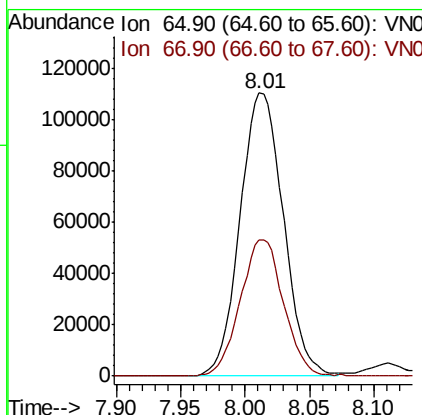
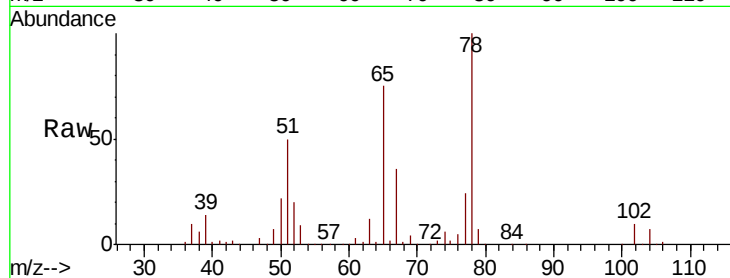




#33
 1,2-Dichloroethane-d4
 Concen: 52.422 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

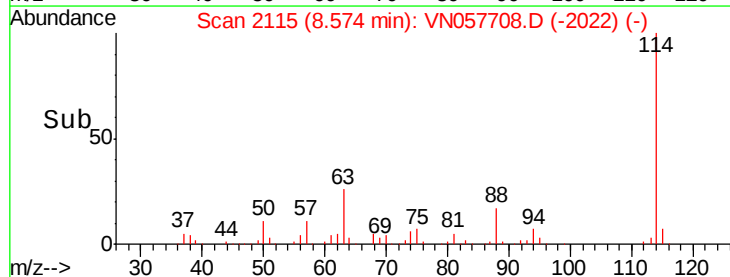
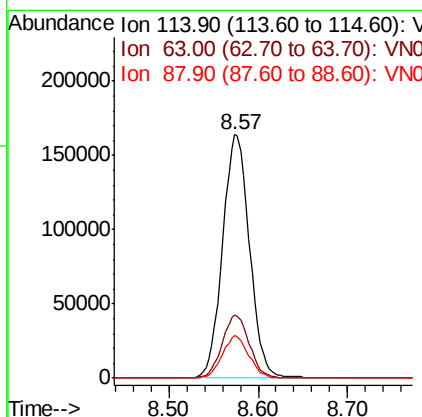
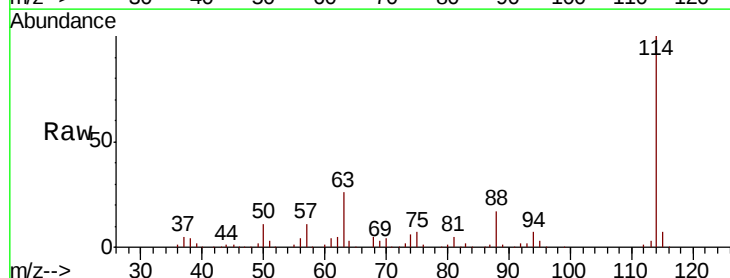
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

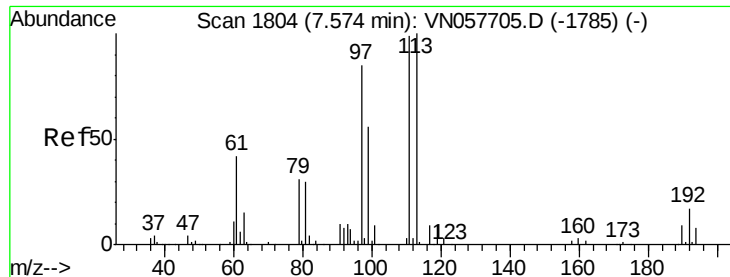
Tgt Ion: 65 Resp: 258870
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion: 114 Resp: 342834
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 52.4
 88 17.3 0.0 35.4

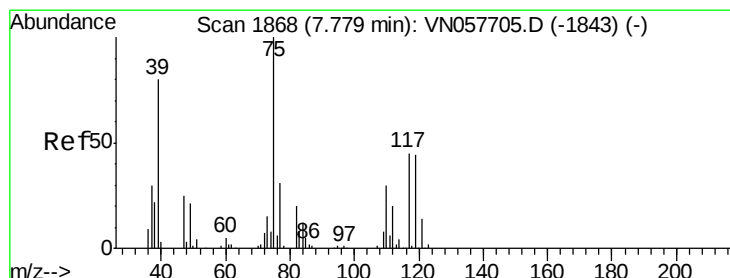
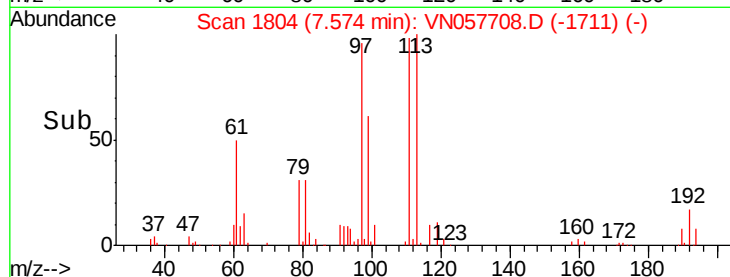
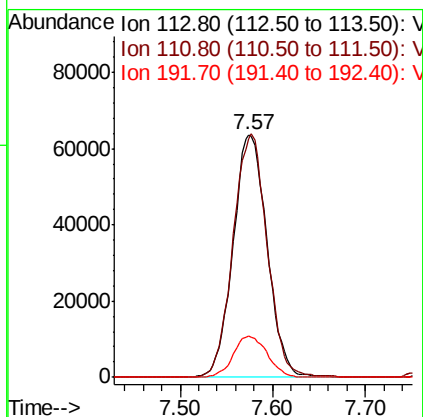
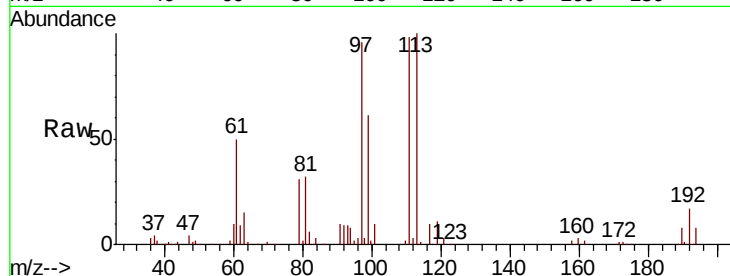




#35
 Dibromofluoromethane
 Concen: 51.925 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

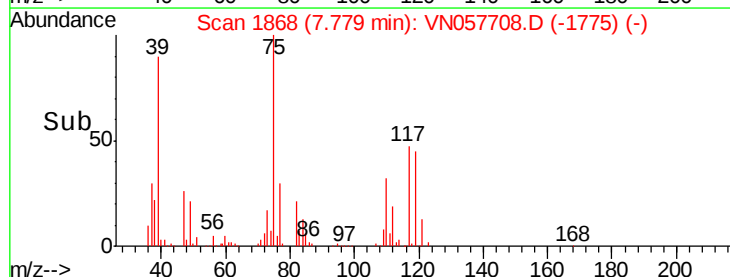
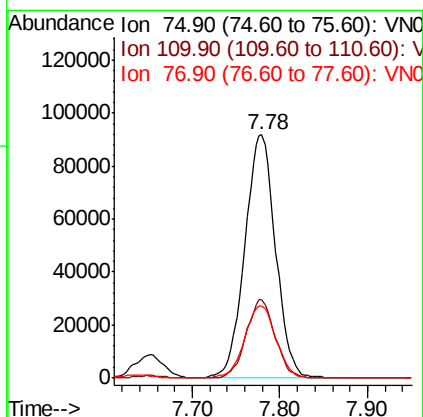
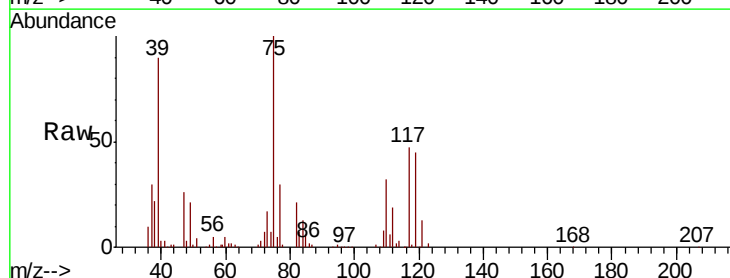
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

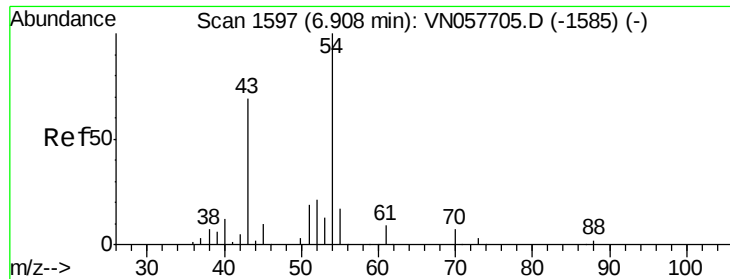
Tgt Ion: 113 Resp: 162146
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.7 124.1
 192 17.0 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 48.667 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion: 75 Resp: 221966
 Ion Ratio Lower Upper
 75 100
 110 30.6 15.0 45.0
 77 30.7 24.6 37.0

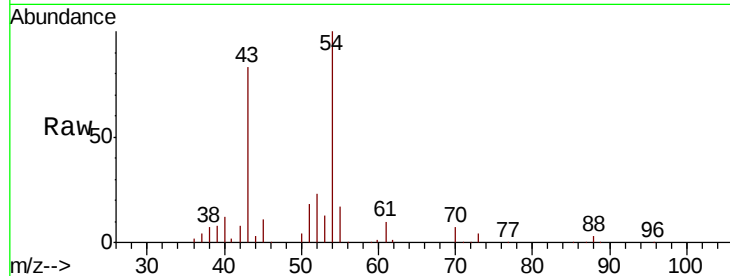




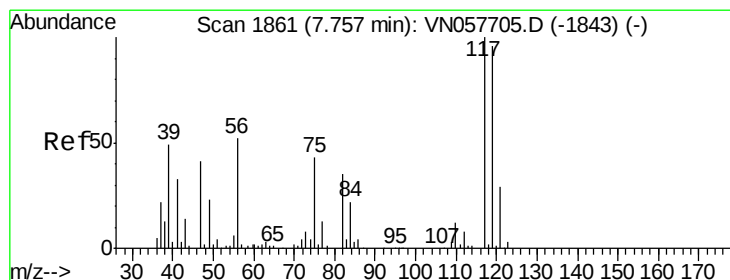
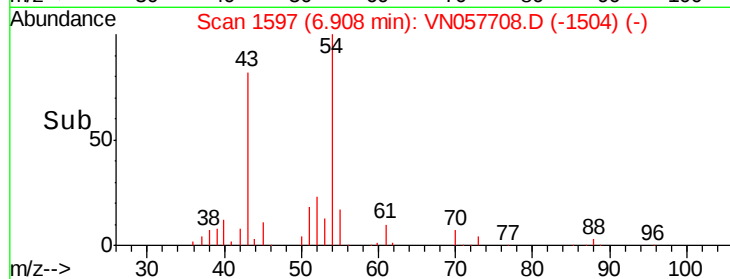
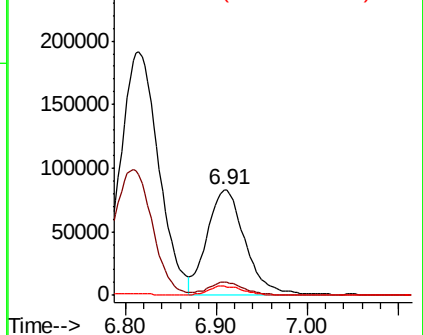
#37
Ethyl Acetate
Concen: 52.718 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

Tgt Ion: 43 Resp: 238704
Ion Ratio Lower Upper
43 100
61 11.4 9.8 14.8
70 8.4 6.7 10.1

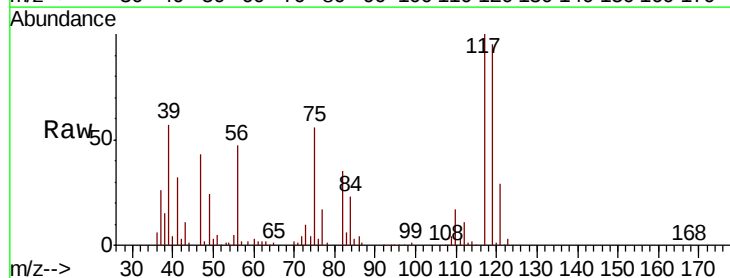


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

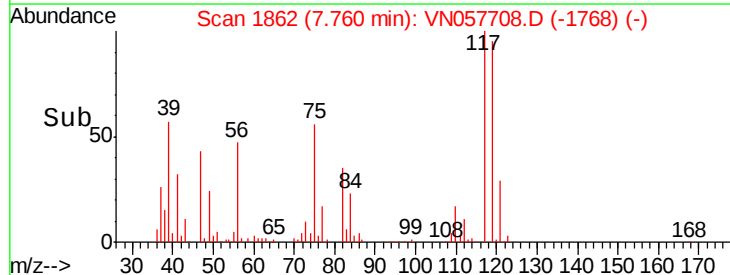
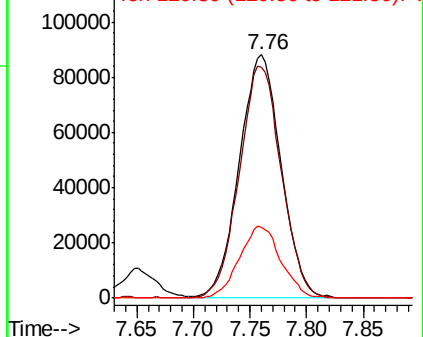


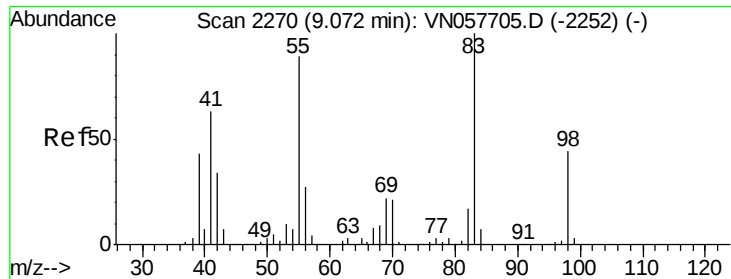
#38
Carbon Tetrachloride
Concen: 51.526 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion: 117 Resp: 225021
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1
121 29.1 23.4 35.2



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

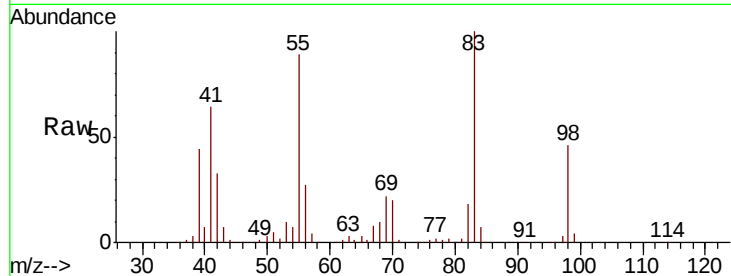




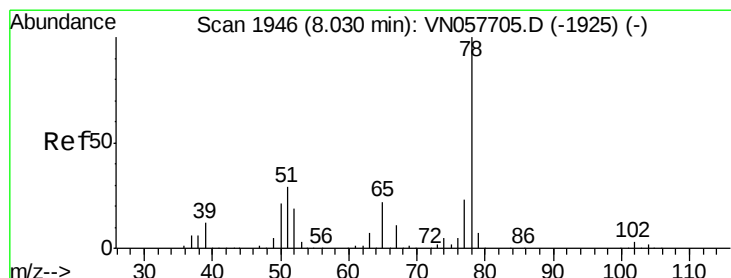
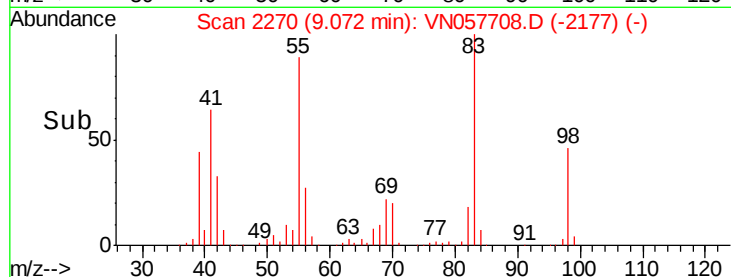
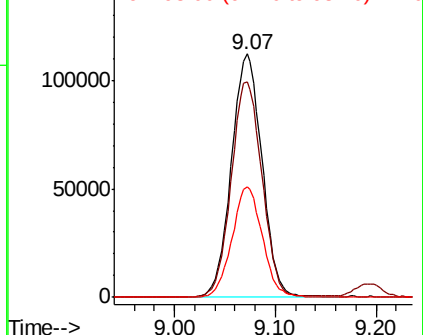
#39
Methylcyclohexane
Concen: 49.093 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

Tgt Ion: 83 Resp: 236832
Ion Ratio Lower Upper
83 100
55 88.7 71.4 107.0
98 45.5 35.3 52.9

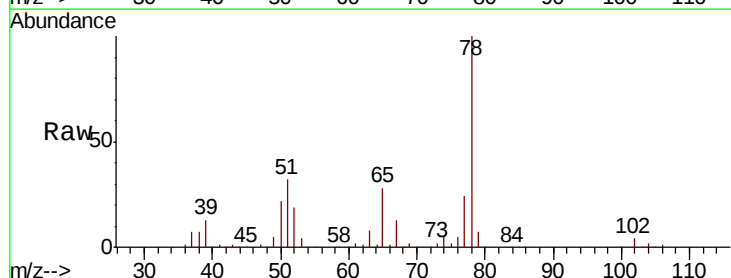


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

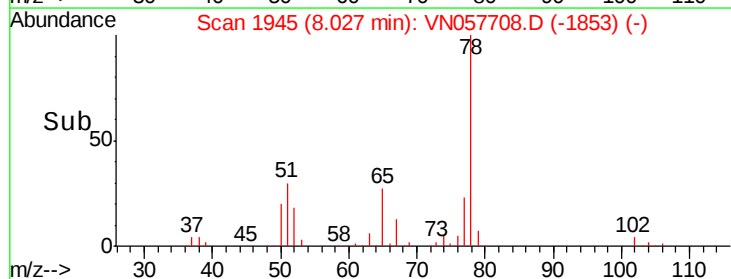
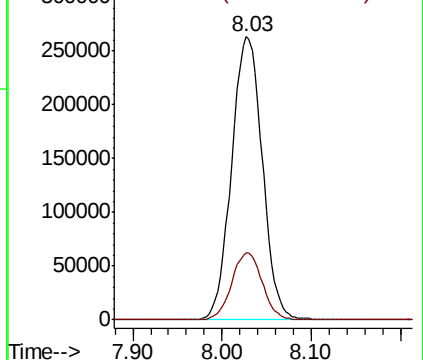


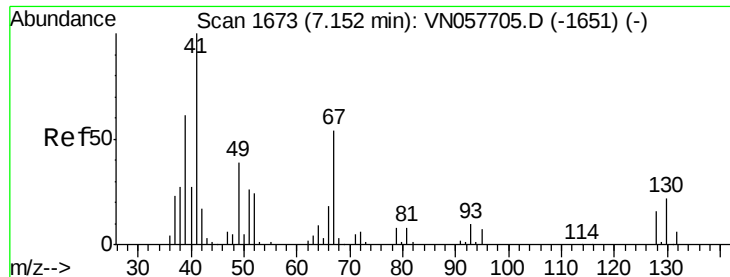
#40
Benzene
Concen: 48.881 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion: 78 Resp: 630590
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

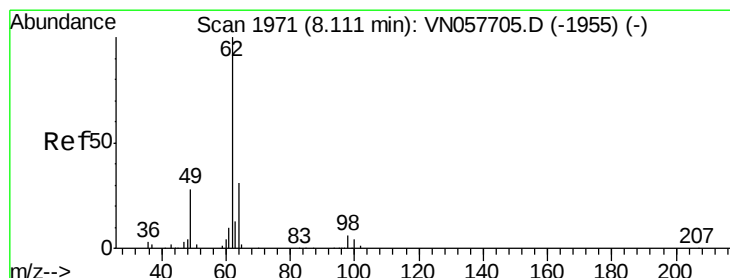
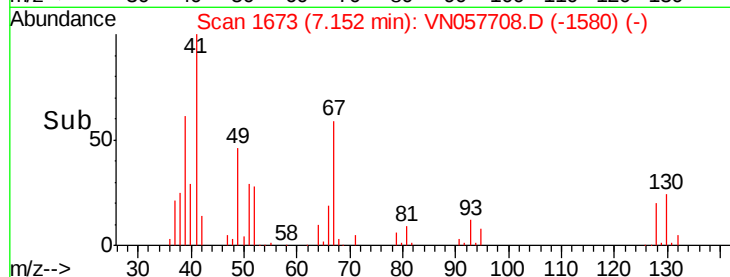
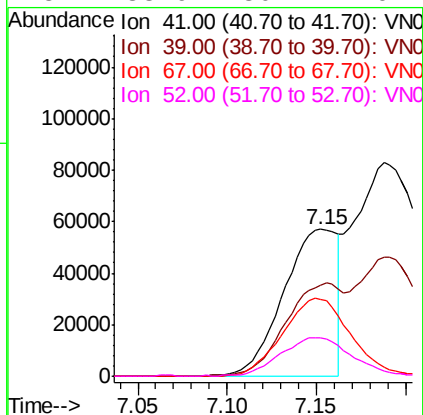
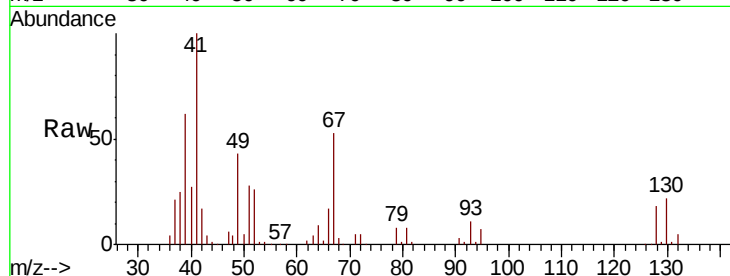




#41
Methacrylonitrile
Concen: 54.074 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

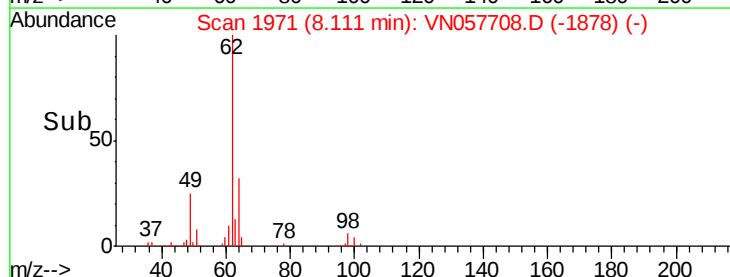
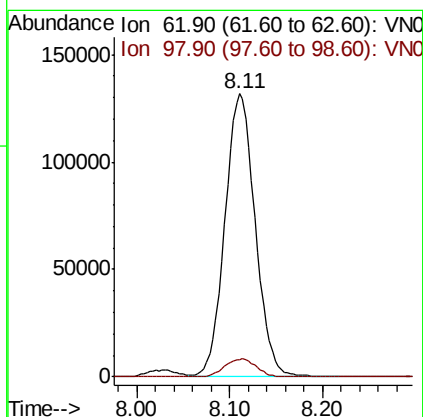
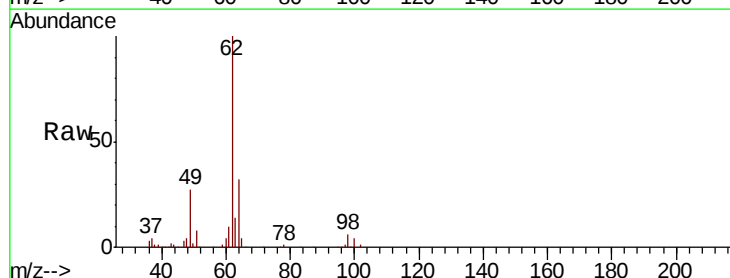
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

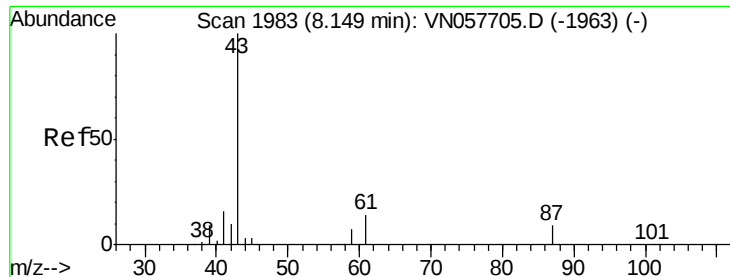
Tgt Ion:	41	Resp:	119685
Ion	Ratio	Lower	Upper
41	100		
39	66.2	43.6	65.4#
67	67.3	59.8	89.6
52	33.9	30.7	46.1



#42
1,2-Dichloroethane
Concen: 49.249 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion:	62	Resp:	297801
Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	12.6





#43

Isopropyl Acetate

Concen: 49.969 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090619

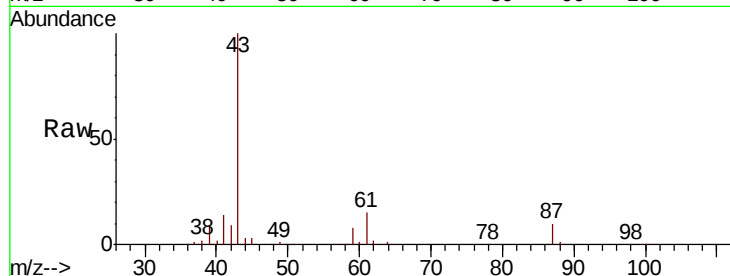
Tgt Ion: 43 Resp: 434284

Ion Ratio Lower Upper

43 100

61 22.6 12.8 19.2#

87 9.9 7.8 11.8

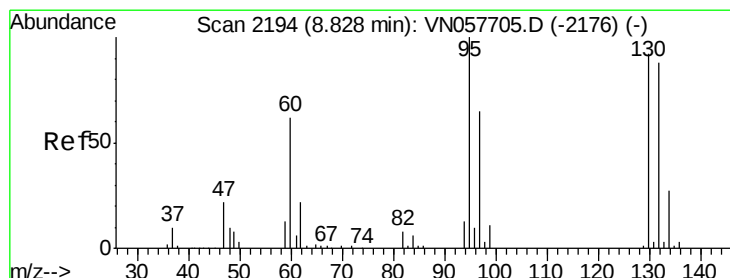
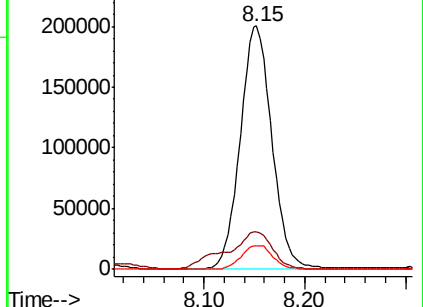
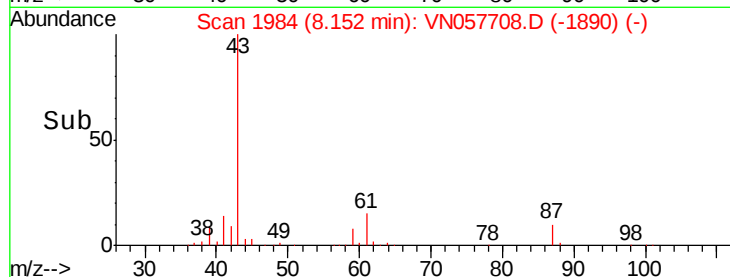


Abundance Ion 43.00 (42.70 to 43.70): VN057708.D (-1984) (-)

Ion 61.00 (60.70 to 61.70): VN057708.D (-1984) (-)

Ion 87.00 (86.70 to 87.70): VN057708.D (-1984) (-)

Time-->



#44

Trichloroethene

Concen: 51.259 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057708.D

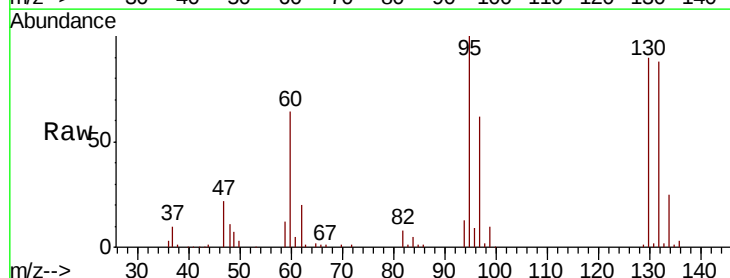
Acq: 5 Sep 2019 20:46

Tgt Ion: 130 Resp: 148620

Ion Ratio Lower Upper

130 100

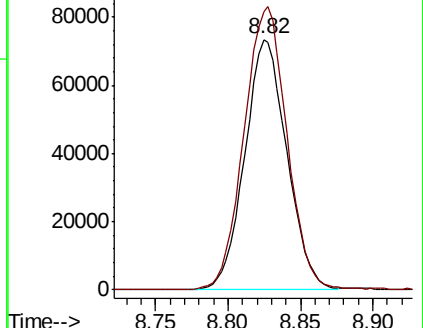
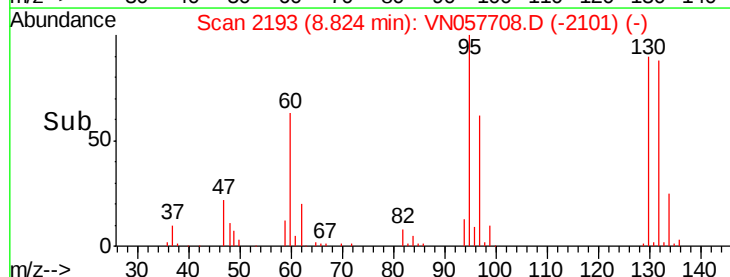
95 111.4 0.0 217.8

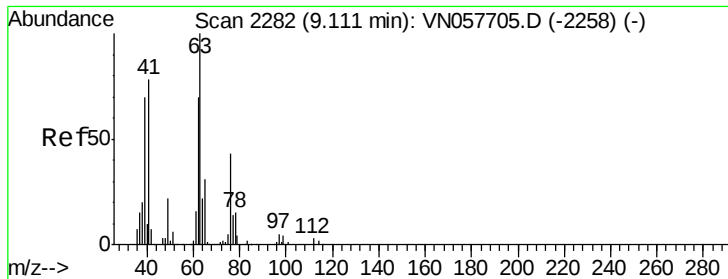


Abundance Ion 129.80 (129.50 to 130.50): VN057708.D (-2193) (-)

Ion 94.90 (94.60 to 95.60): VN057708.D (-2193) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 49.779 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

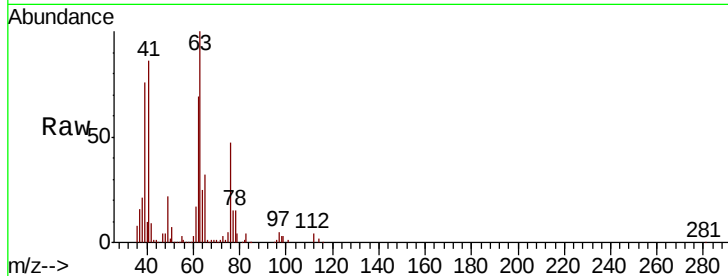
ICVFN090619

Tgt Ion: 63 Resp: 179600

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN057708.D (-2189) (-)

Ion 64.90 (64.60 to 65.60): VN057708.D (-2189) (-)

9.11

80000

60000

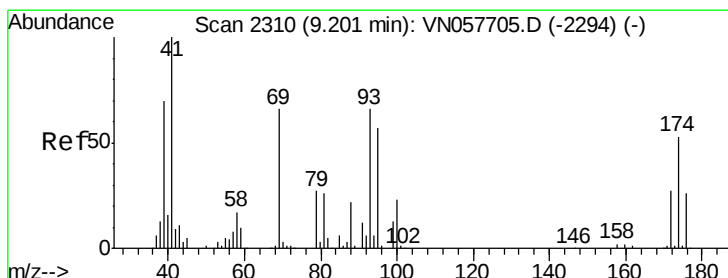
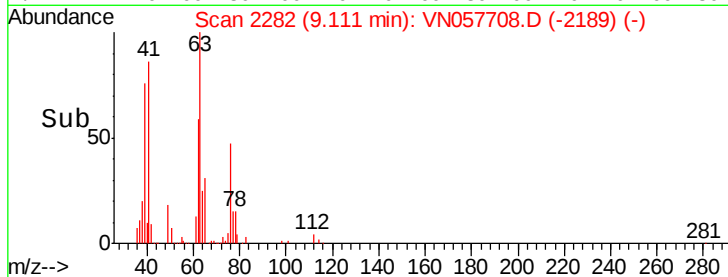
40000

20000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 51.374 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

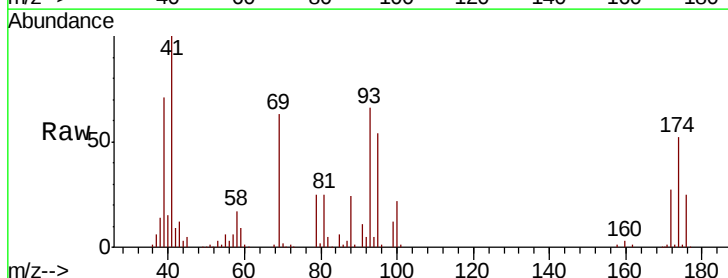
Tgt Ion: 93 Resp: 118897

Ion Ratio Lower Upper

93 100

95 81.1 66.1 99.1

174 78.9 63.4 95.2



Abundance Ion 92.80 (92.50 to 93.50): VN057708.D (-2217) (-)

Ion 94.80 (94.50 to 95.50): VN057708.D (-2217) (-)

Ion 173.70 (173.40 to 174.40): VN057708.D (-2217) (-)

9.20

80000

60000

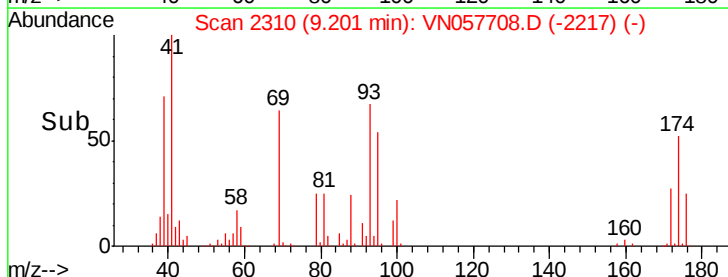
40000

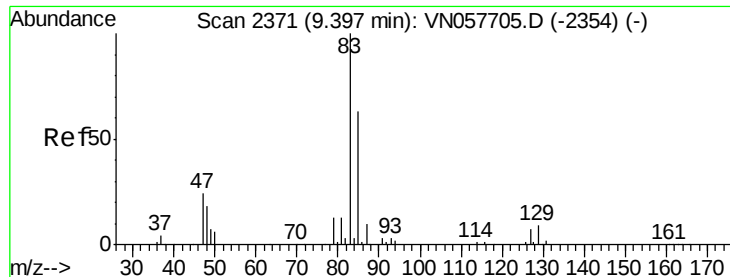
20000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 51.026 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090619

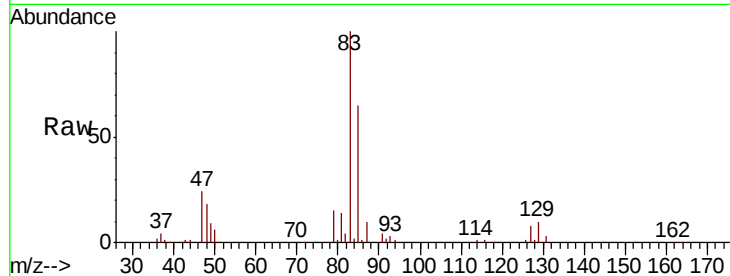
Tgt Ion: 83 Resp: 250972

Ion Ratio Lower Upper

83 100

85 65.3 50.7 76.1

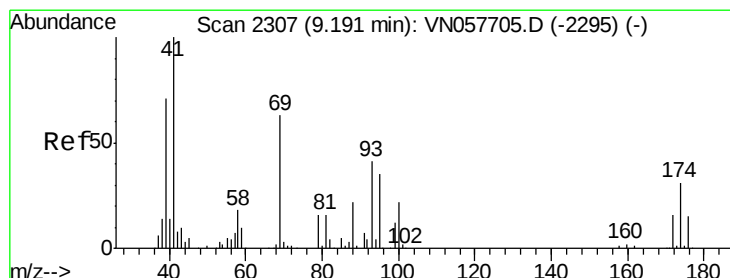
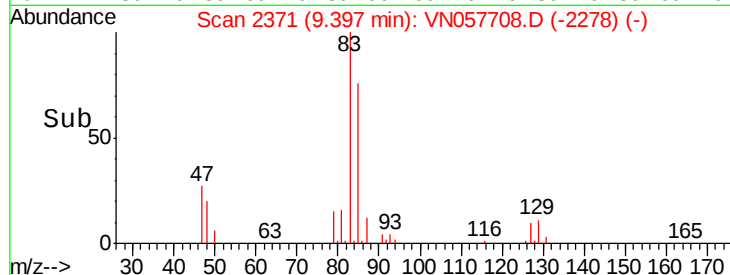
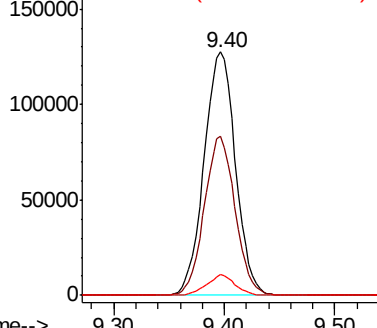
127 8.4 5.6 8.4#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 48.527 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

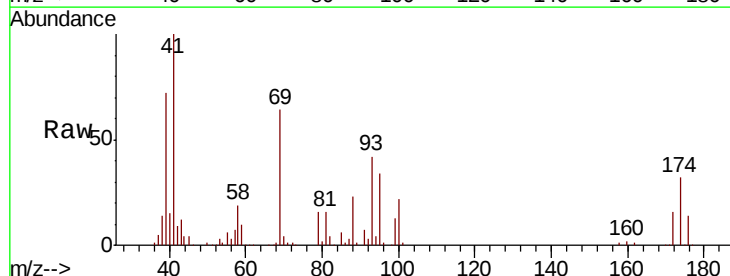
Tgt Ion: 41 Resp: 216905

Ion Ratio Lower Upper

41 100

69 64.4 51.2 76.8

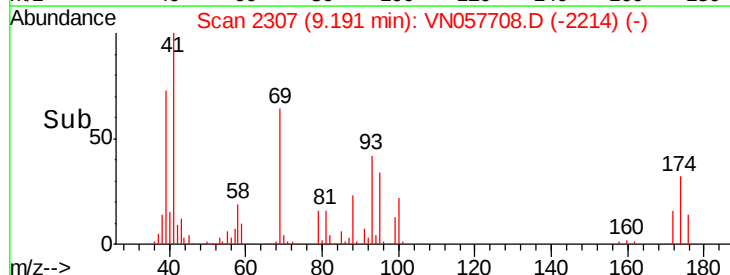
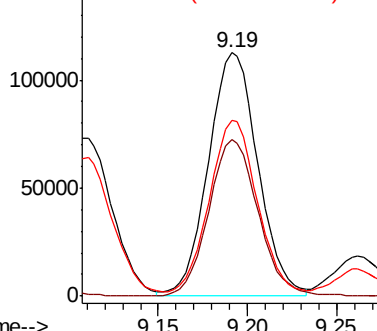
39 71.3 57.3 85.9

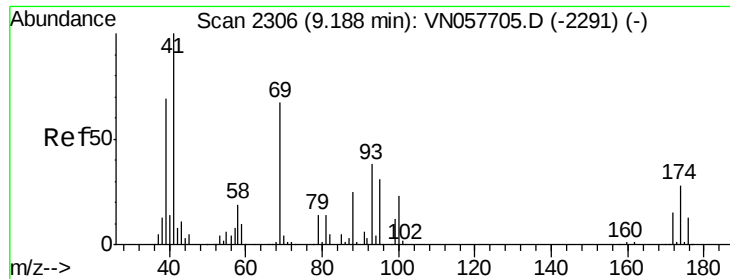


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1017.232 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090619

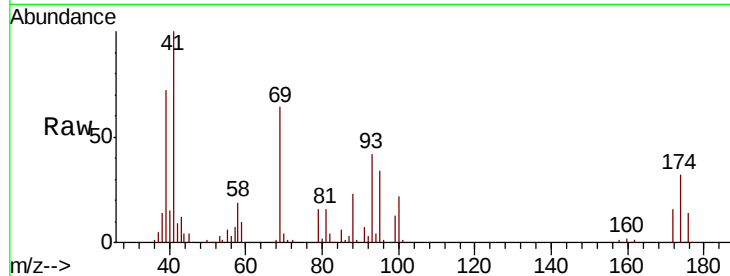
Tgt Ion: 88 Resp: 52903

Ion Ratio Lower Upper

88 100

43 49.1 35.4 53.2

58 79.7 61.5 92.3

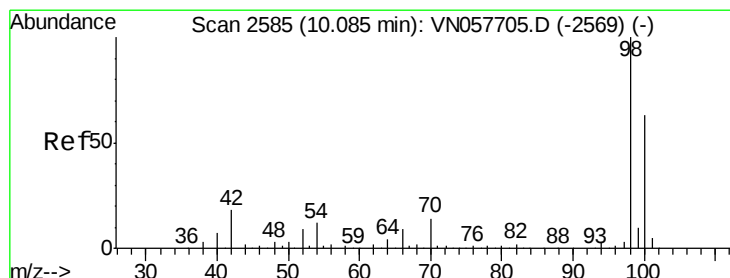
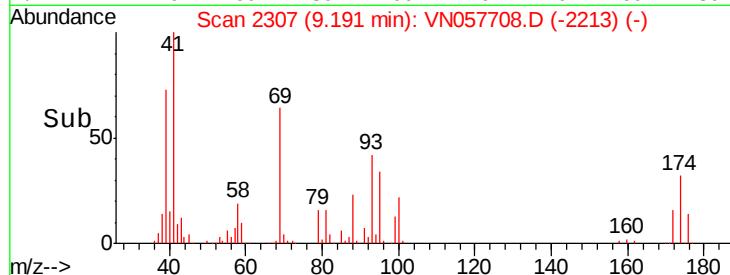
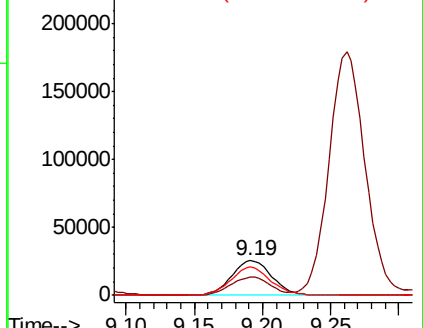


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.325 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057708.D

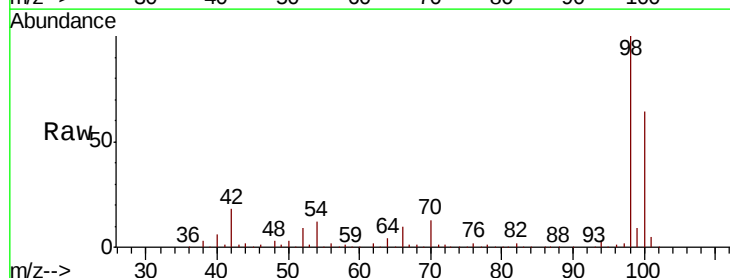
Acq: 5 Sep 2019 20:46

Tgt Ion: 98 Resp: 592881

Ion Ratio Lower Upper

98 100

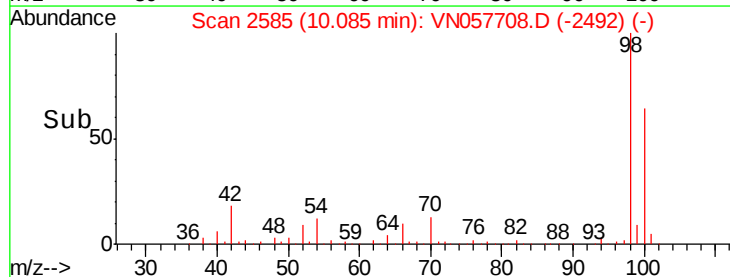
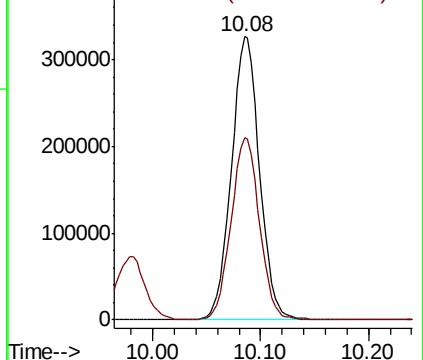
100 64.6 50.7 76.1

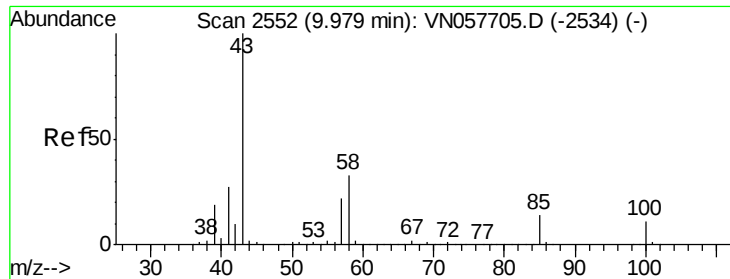


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 257.878 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

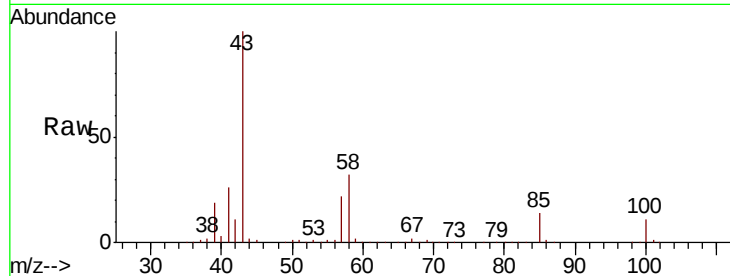
ICVVN090619

Tgt Ion: 43 Resp: 1244689

Ion Ratio Lower Upper

43 100

58 32.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

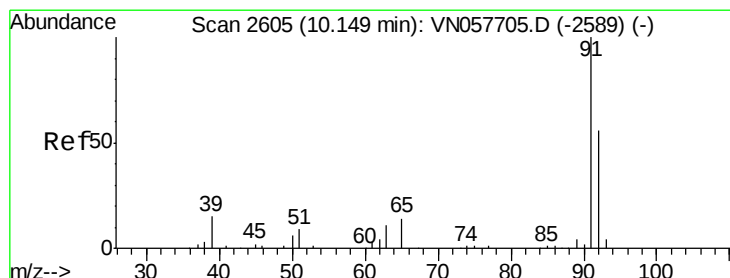
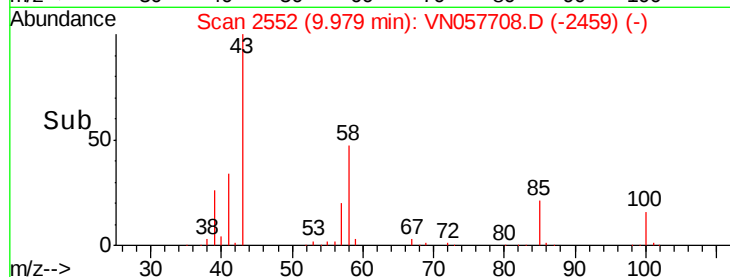
400000

200000

0

9.90 9.98 10.00 10.10

Time-->



#52

Toluene

Concen: 49.696 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057708.D

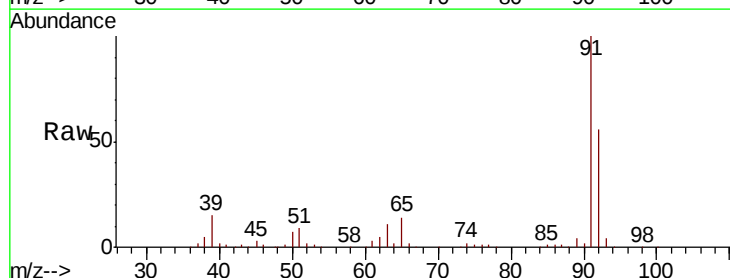
Acq: 5 Sep 2019 20:46

Tgt Ion: 92 Resp: 388562

Ion Ratio Lower Upper

92 100

91 176.2 141.5 212.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

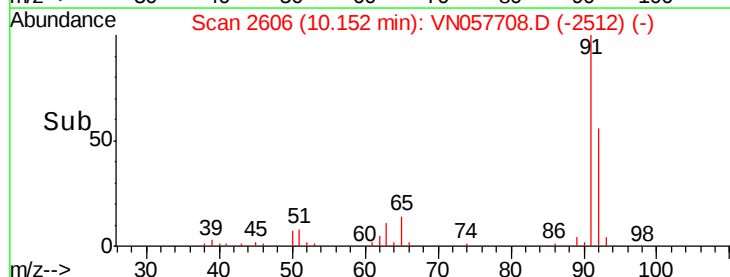
200000

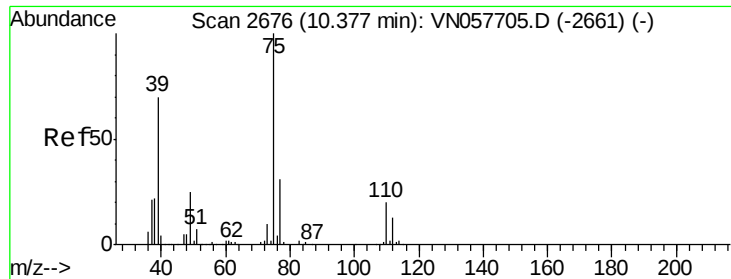
100000

0

10.10 10.15 10.20

Time-->

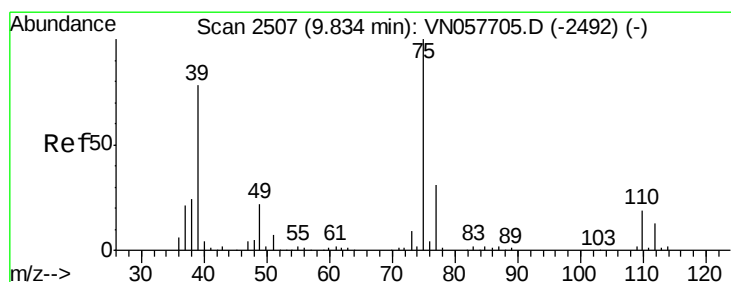
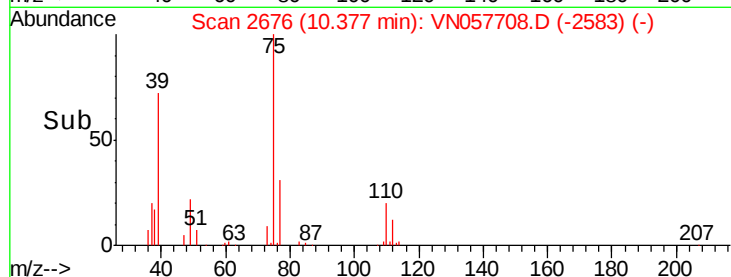
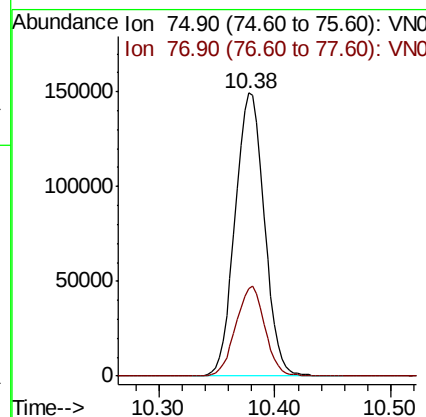
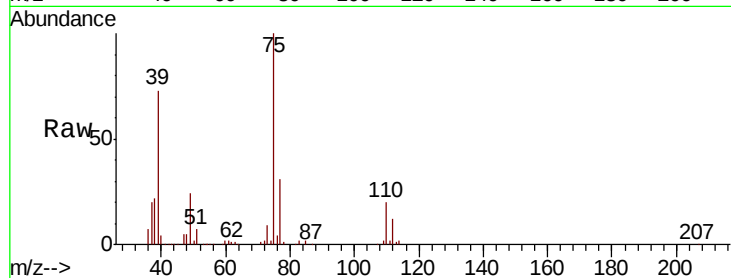




#53
 t-1,3-Dichloropropene
 Concen: 52.860 ug/l
 RT: 10.38 min Scan# 2676
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

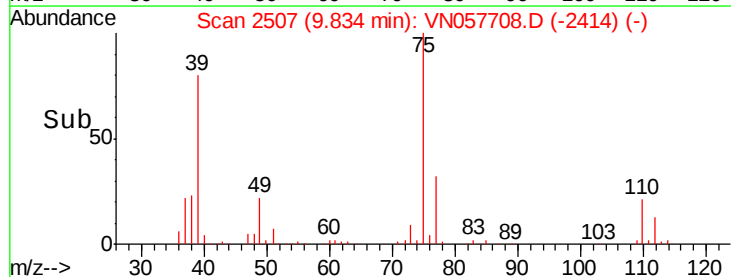
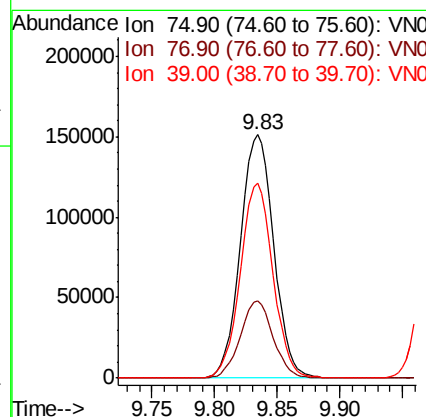
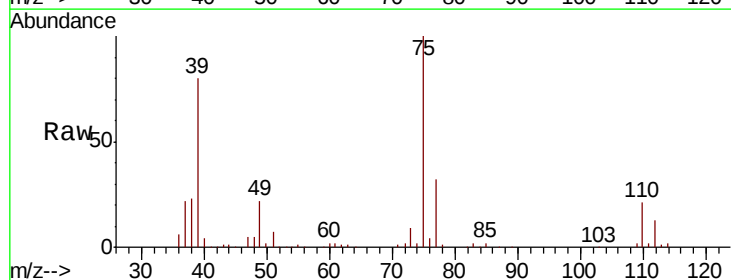
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

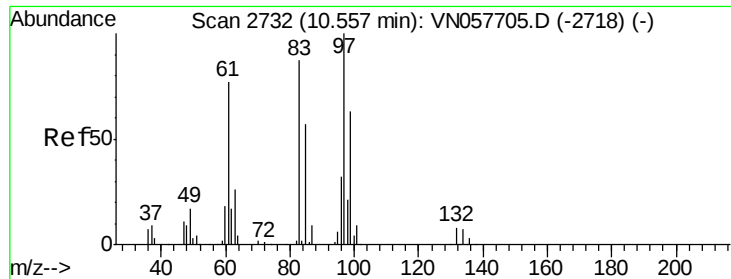
Tgt Ion: 75 Resp: 260835
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.543 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion: 75 Resp: 280121
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7
 39 79.8 62.4 93.6

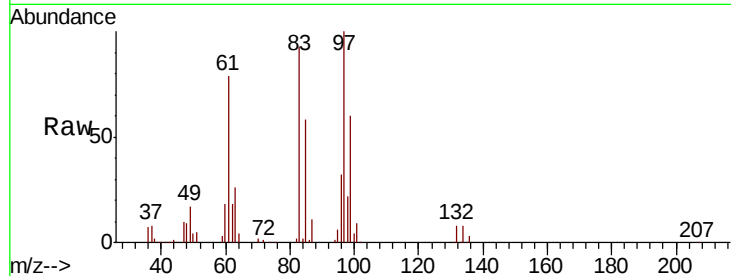




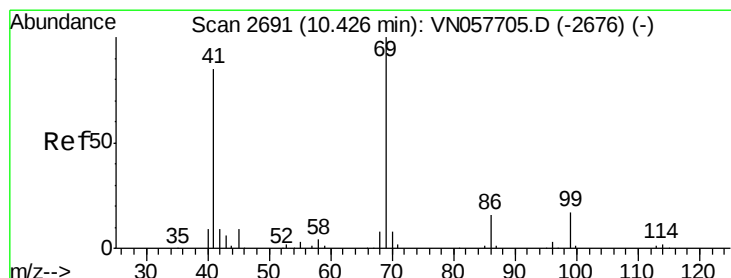
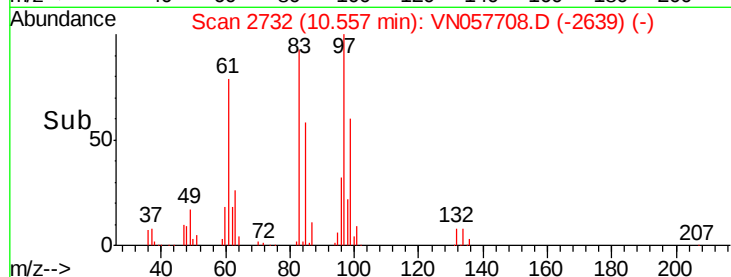
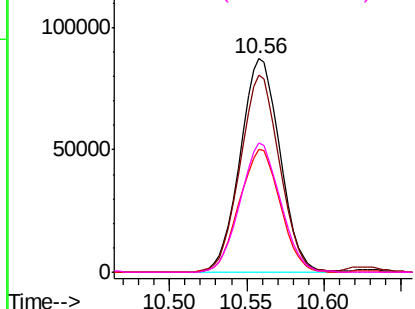
#55
 1,1,2-Trichloroethane
 Concen: 49.675 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN090619

Tgt Ion:	97	Resp:	156307
Ion	Ratio	Lower	Upper
97	100		
83	92.5	69.5	104.3
85	57.6	45.7	68.5
99	60.4	50.2	75.4

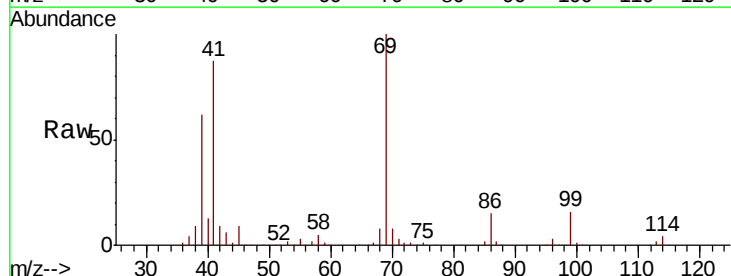


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

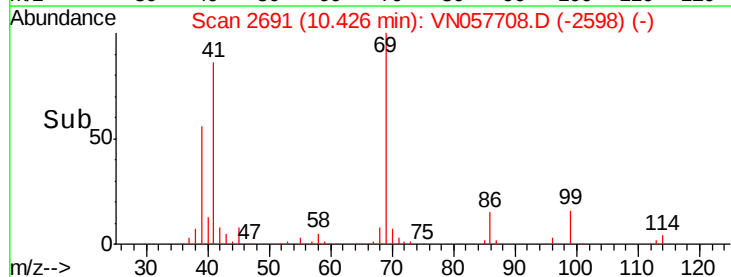
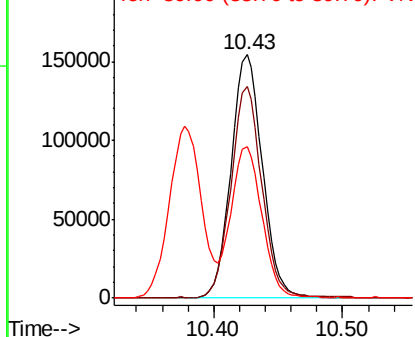


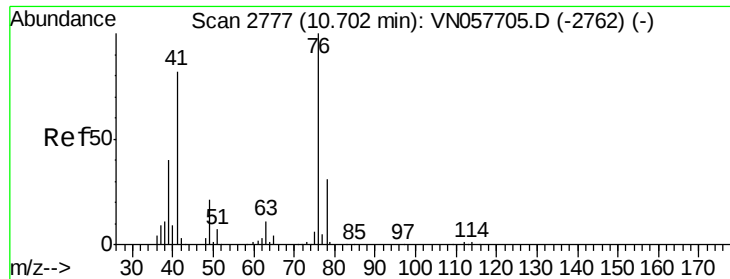
#56
 Ethyl methacrylate
 Concen: 51.946 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion:	69	Resp:	260891
Ion	Ratio	Lower	Upper
69	100		
41	85.0	69.0	103.4
39	60.6	49.2	73.8



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





#57

1,3-Dichloropropane

Concen: 49.639 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

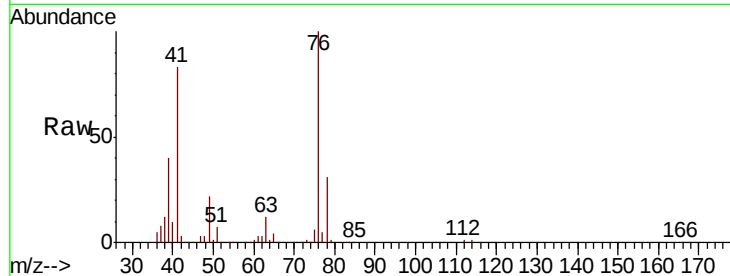
ICV090619

Tgt Ion: 76 Resp: 280571

Ion Ratio Lower Upper

76 100

78 30.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

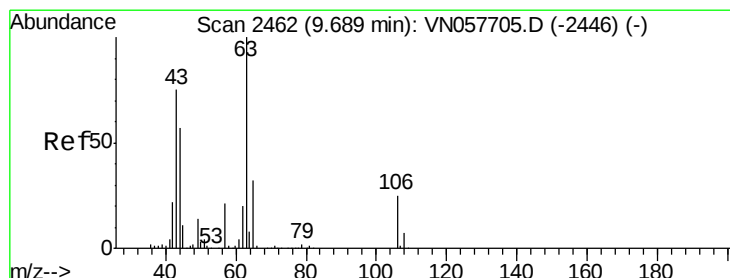
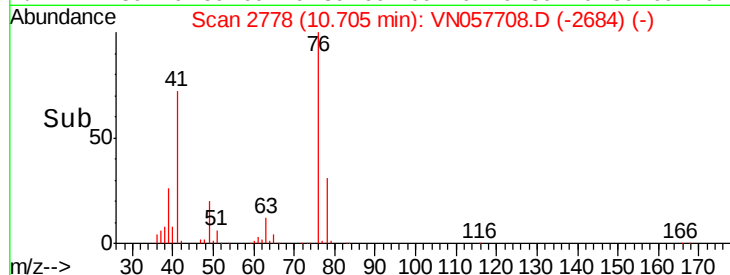
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 261.698 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VN057708.D

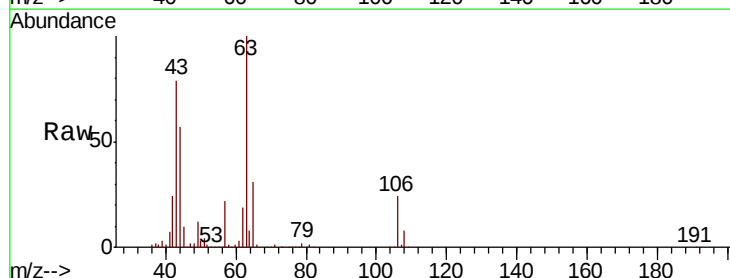
Acq: 5 Sep 2019 20:46

Tgt Ion: 63 Resp: 666810

Ion Ratio Lower Upper

63 100

106 23.4 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

400000

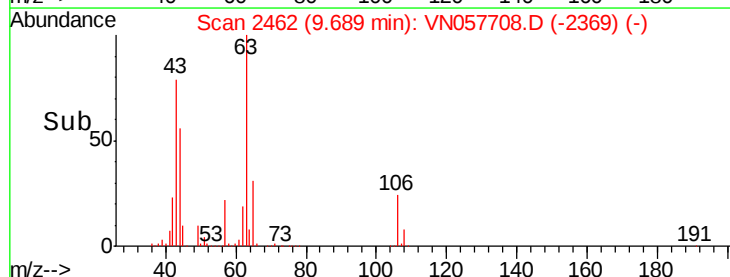
300000

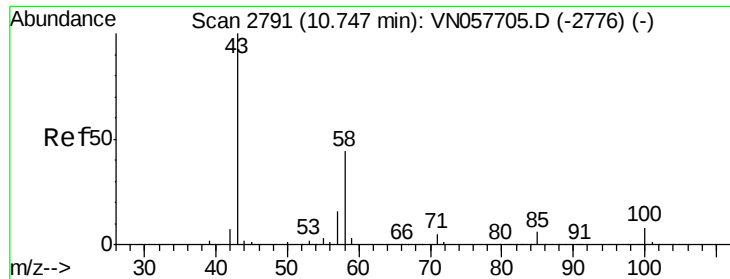
200000

100000

0

Time--> 9.60 9.70 9.80

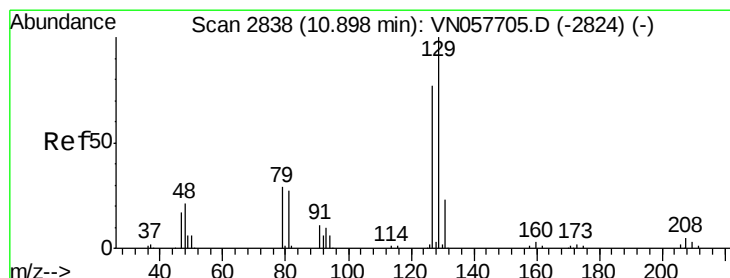
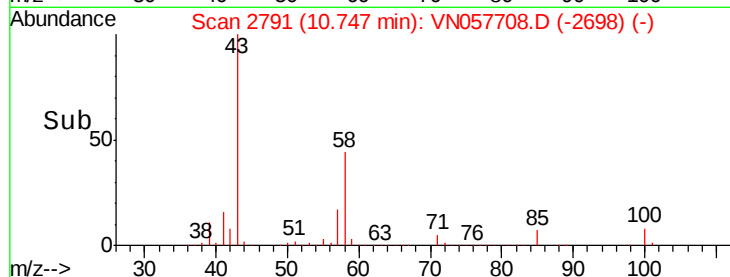
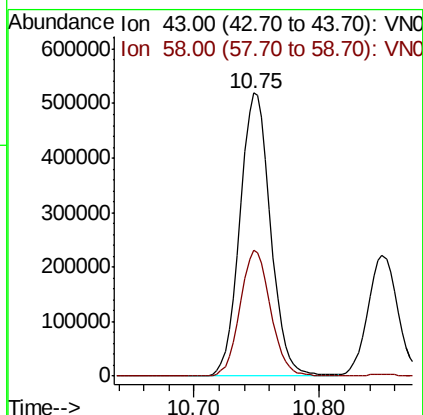
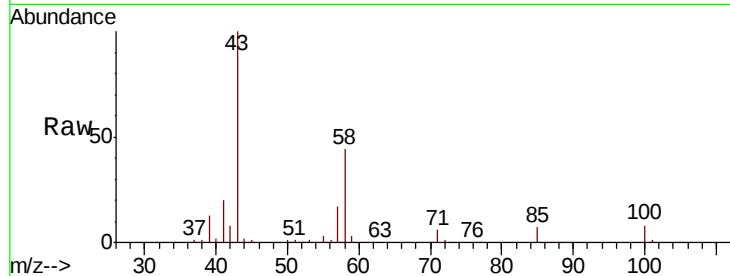




#59
2-Hexanone
Concen: 259.273 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

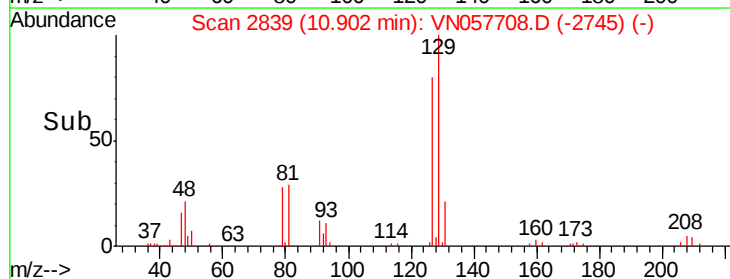
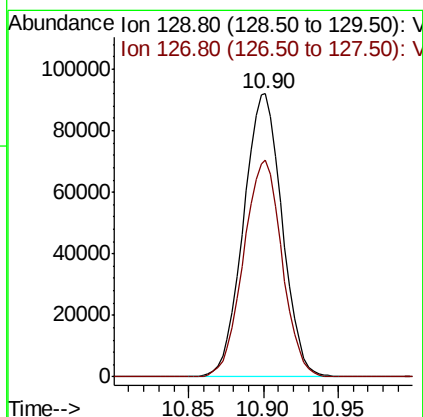
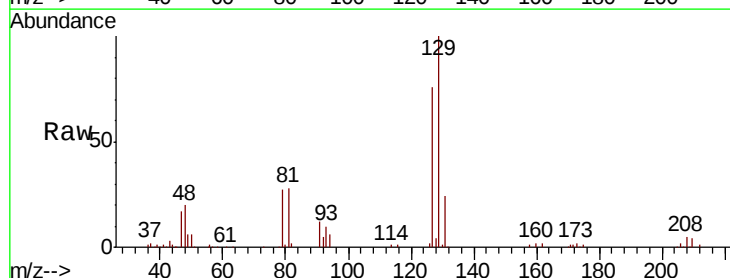
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

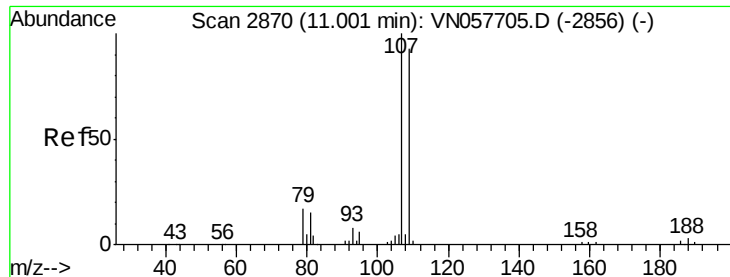
Tgt Ion: 43 Resp: 882452
Ion Ratio Lower Upper
43 100
58 44.3 22.1 66.5



#60
Dibromochloromethane
Concen: 48.761 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion: 129 Resp: 165283
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.238 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

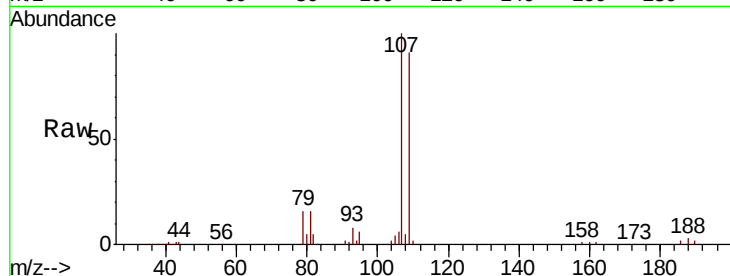
ICVVN090619

Tgt Ion: 107 Resp: 154779

Ion Ratio Lower Upper

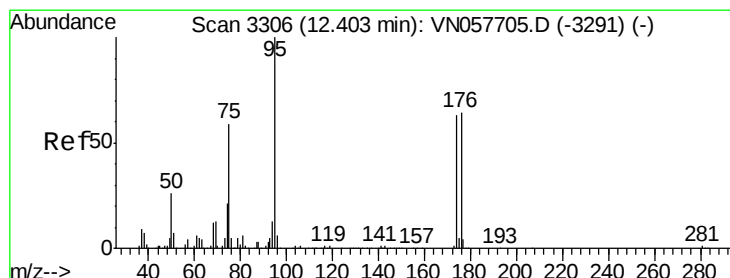
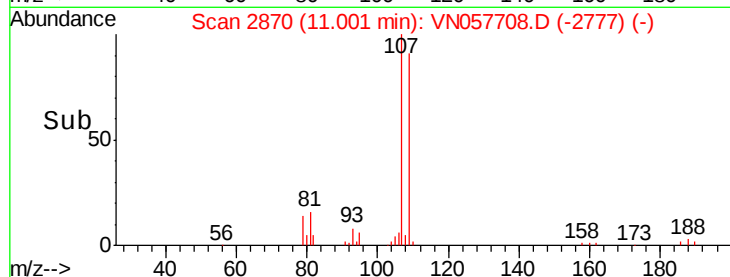
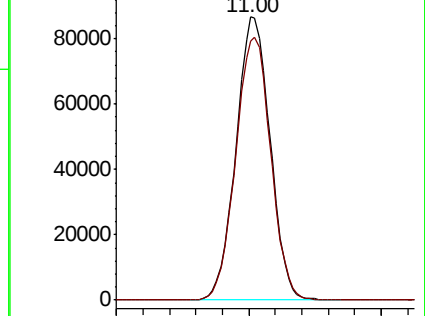
107 100

109 95.3 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.937 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

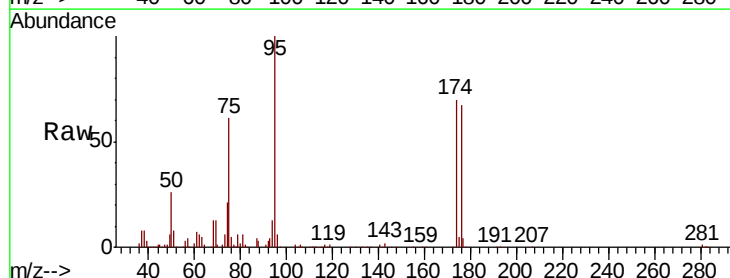
Tgt Ion: 95 Resp: 239596

Ion Ratio Lower Upper

95 100

174 66.3 0.0 128.0

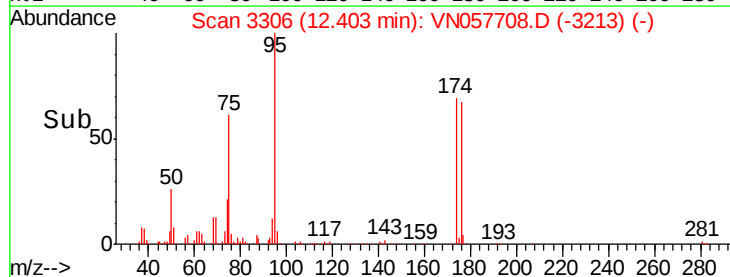
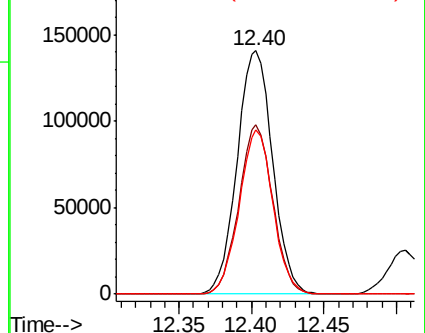
176 64.0 0.0 128.0

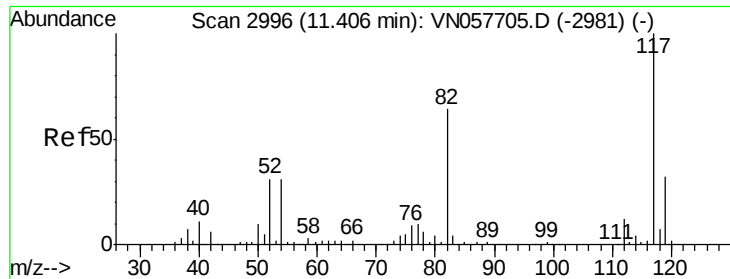


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

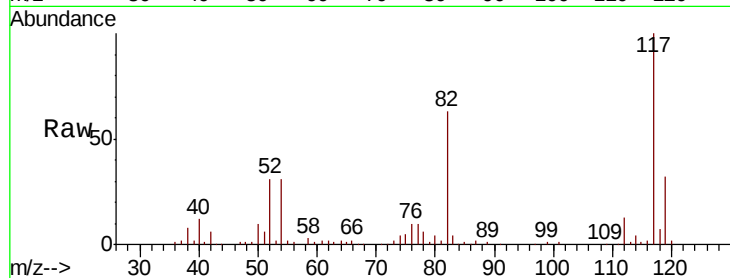




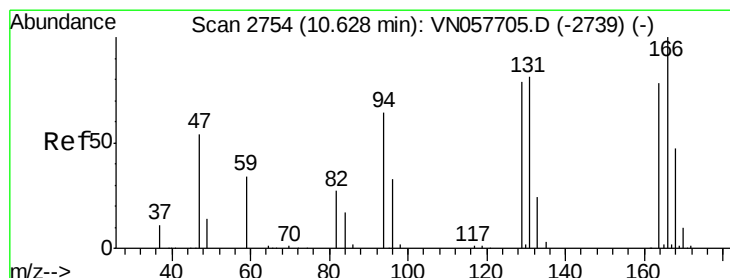
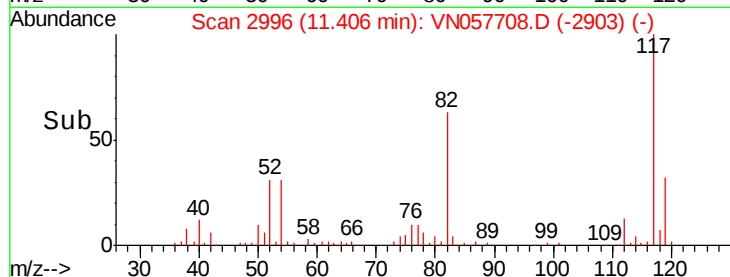
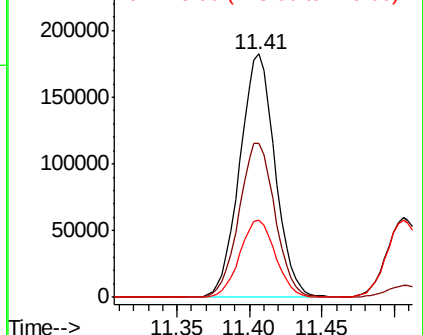
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

Tgt Ion:117 Resp: 310036
Ion Ratio Lower Upper
117 100
82 63.3 51.4 77.0
119 31.6 25.4 38.2



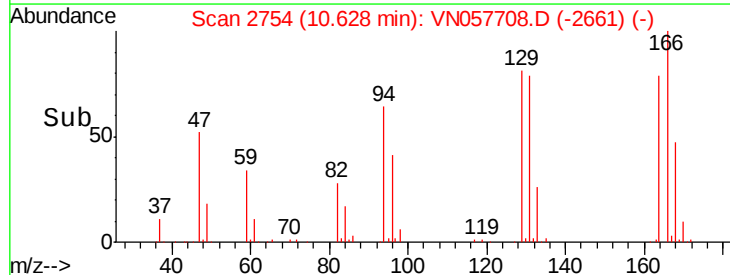
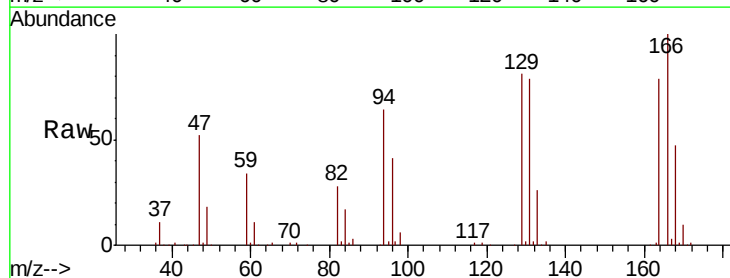
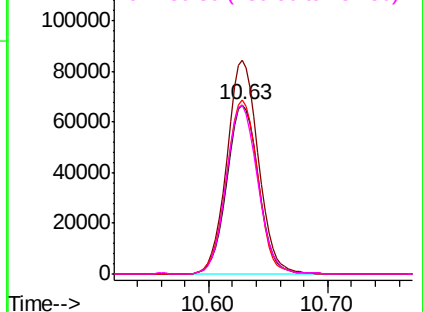
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

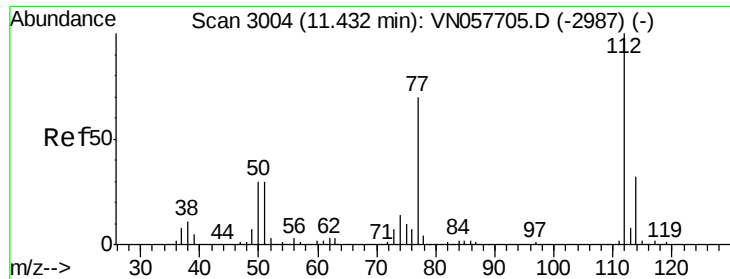


#64
Tetrachloroethene
Concen: 50.955 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion:164 Resp: 123166
Ion Ratio Lower Upper
164 100
166 126.3 103.0 154.6
129 102.7 81.1 121.7
131 99.9 83.2 124.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

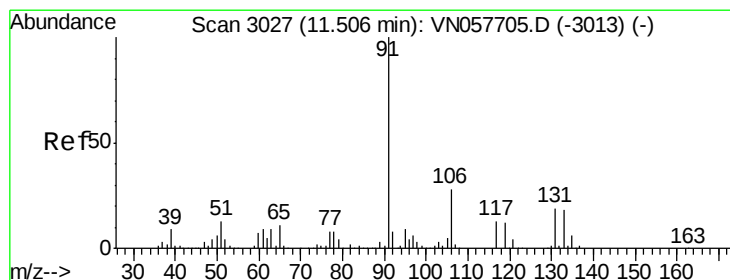
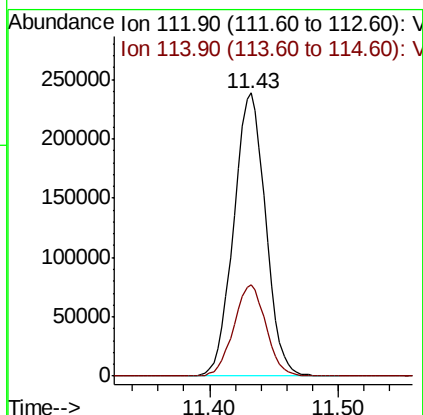
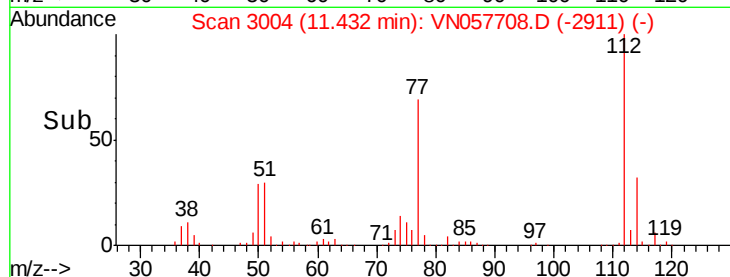
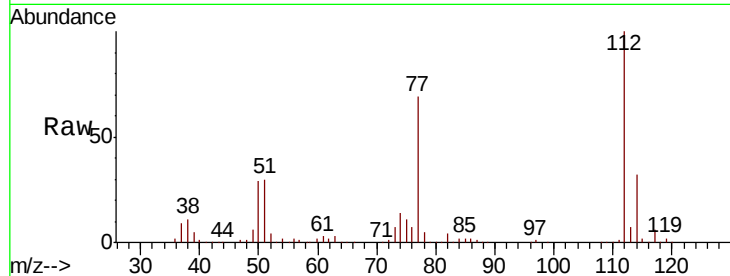




#65
Chlorobenzene
Concen: 50.629 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

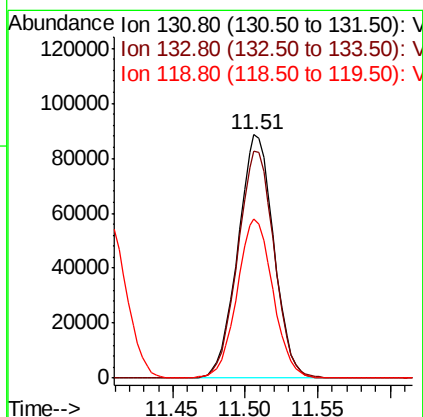
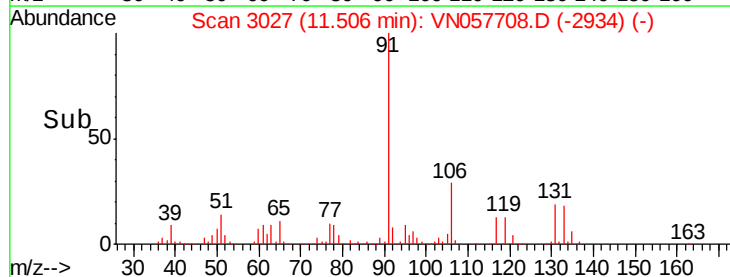
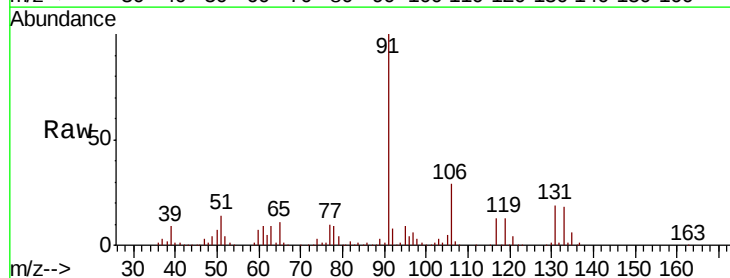
Instrument :
MSVOA_N
ClientSampled :
ICV090619

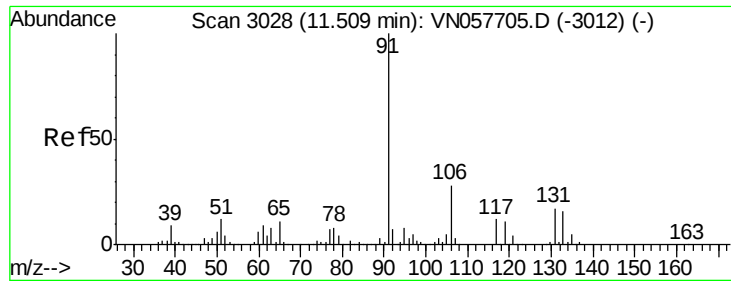
Tgt Ion:112 Resp: 409462
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.007 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion:131 Resp: 151981
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 65.3 32.8 98.3

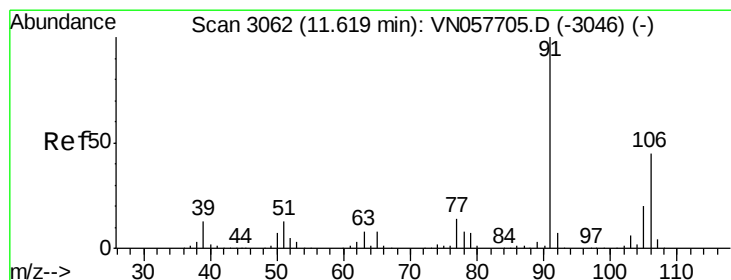
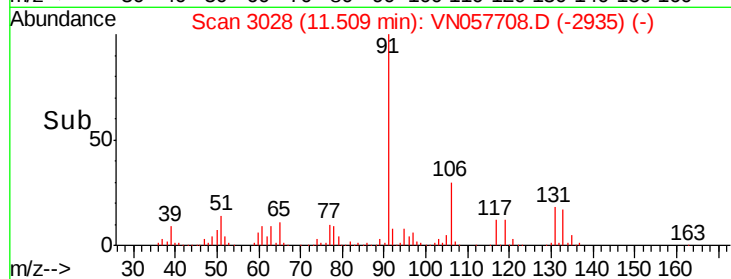
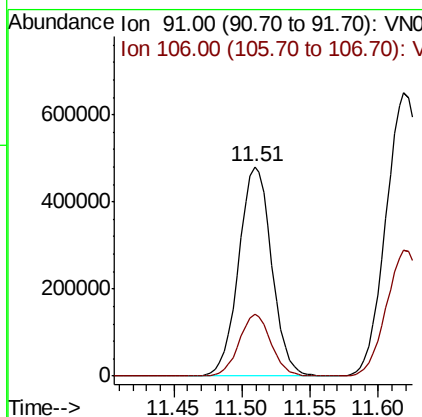
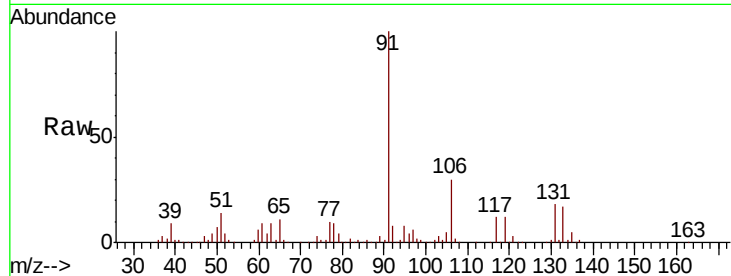




#67
Ethyl Benzene
Concen: 51.567 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

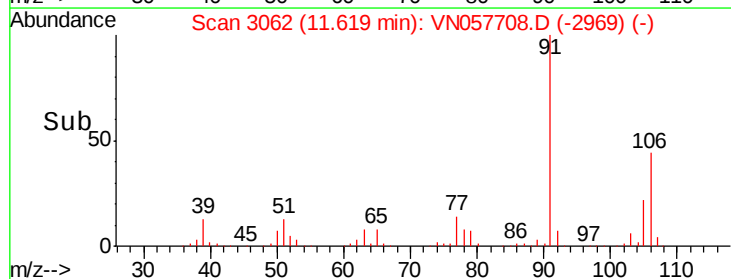
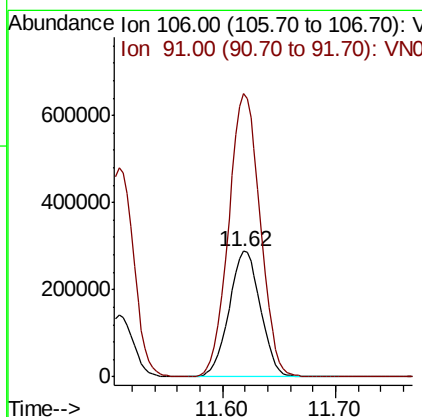
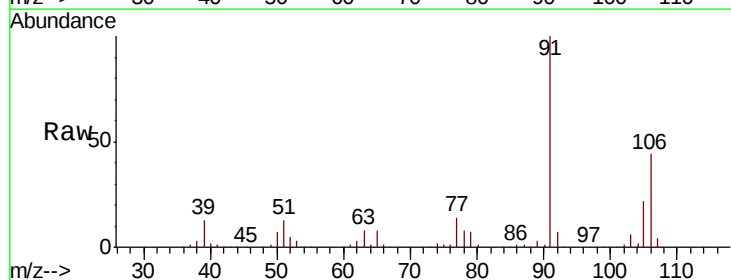
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

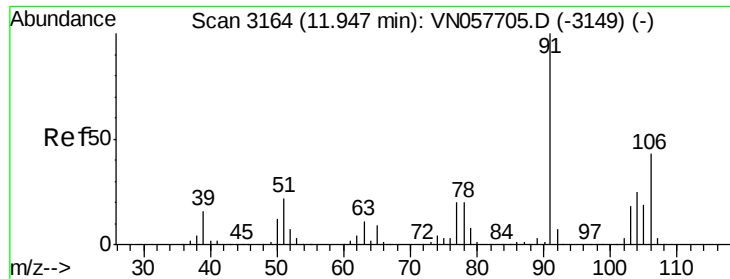
Tgt Ion: 91 Resp: 804664
Ion Ratio Lower Upper
91 100
106 29.6 22.8 34.2



#68
m/p-Xylenes
Concen: 103.563 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion: 106 Resp: 556603
Ion Ratio Lower Upper
106 100
91 226.2 179.8 269.8

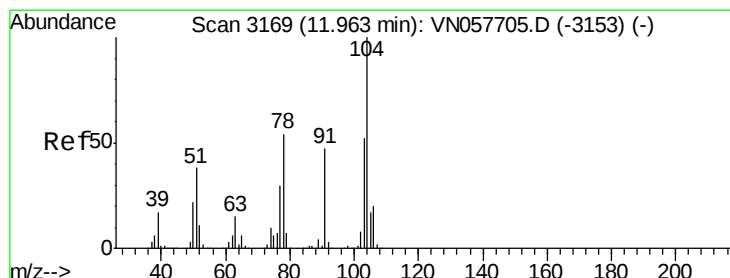
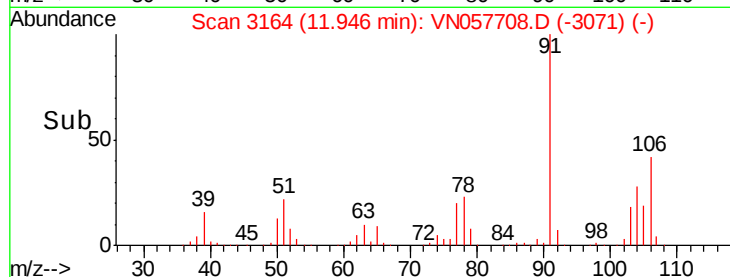
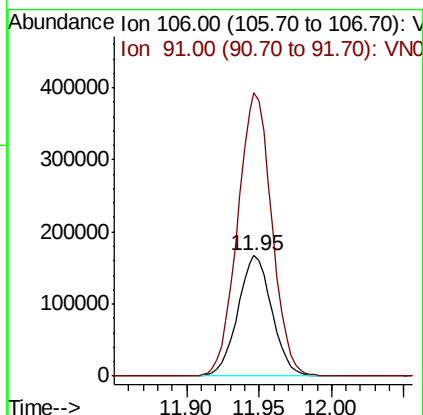
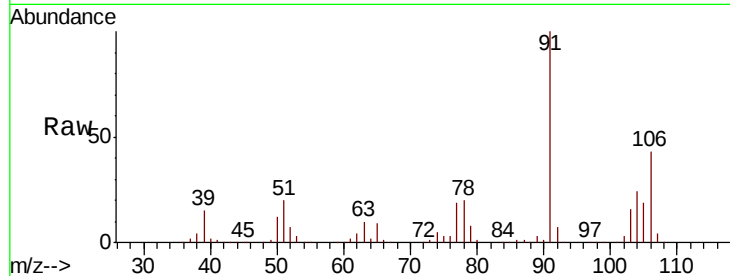




#69
o-Xylene
Concen: 51.172 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

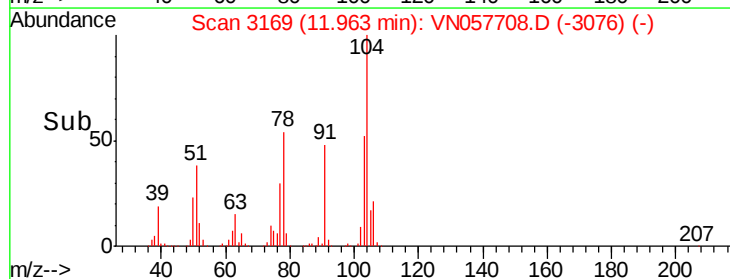
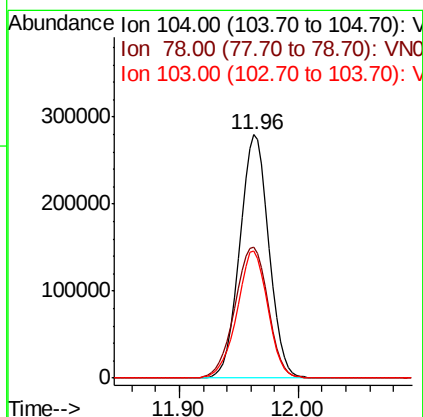
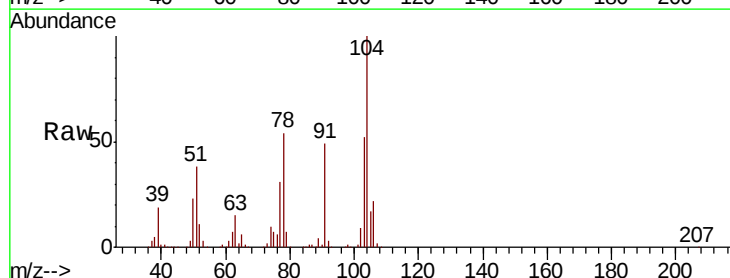
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090619

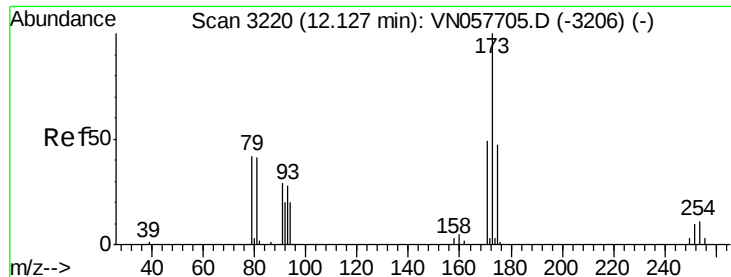
Tgt Ion:106 Resp: 272326
Ion Ratio Lower Upper
106 100
91 236.1 116.8 350.4



#70
Styrene
Concen: 51.473 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057708.D
Acq: 5 Sep 2019 20:46

Tgt Ion:104 Resp: 473977
Ion Ratio Lower Upper
104 100
78 61.5 48.5 72.7
103 55.3 45.0 67.4





#71

Bromoform

Concen: 48.350 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090619

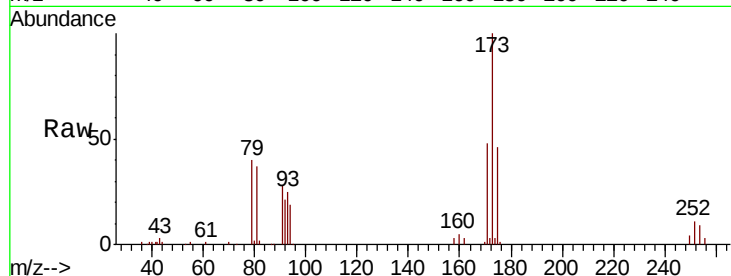
Tgt Ion:173 Resp: 101431

Ion Ratio Lower Upper

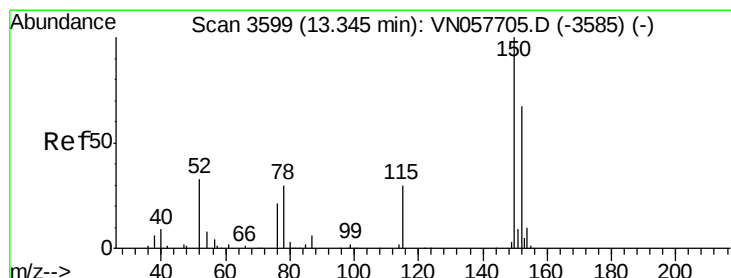
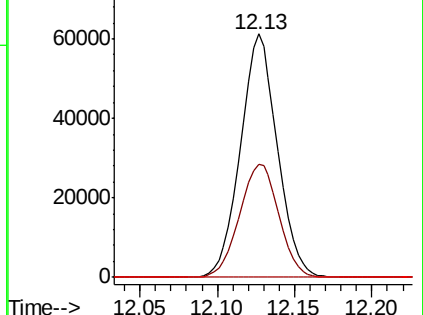
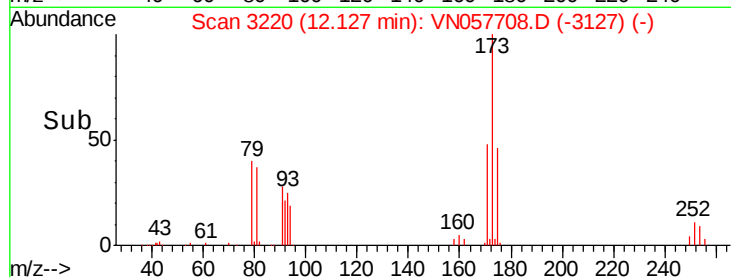
173 100

175 49.5 24.6 73.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

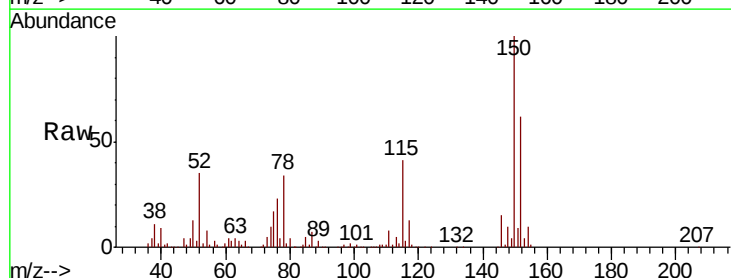
Tgt Ion:152 Resp: 174179

Ion Ratio Lower Upper

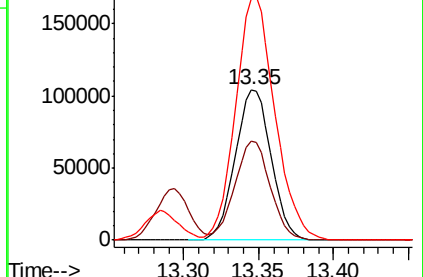
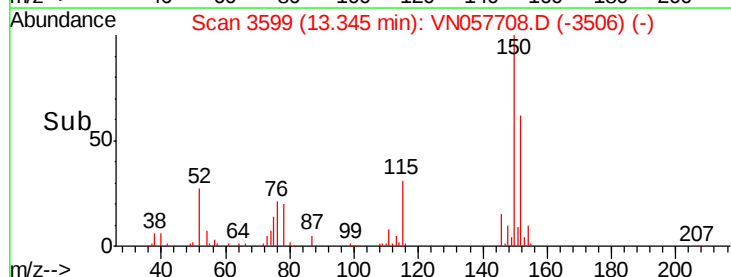
152 100

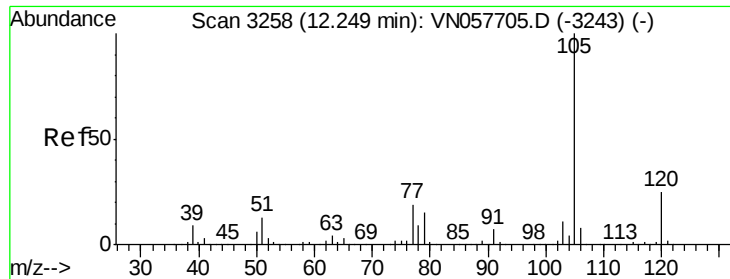
115 65.3 33.8 101.3

150 177.1 0.0 345.4



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: 50.645 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampled :

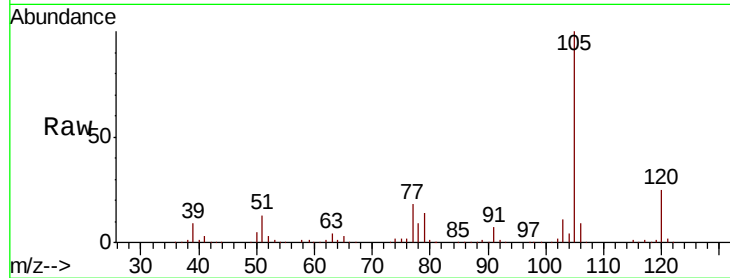
ICVFN090619

Tgt Ion: 105 Resp: 779883

Ion Ratio Lower Upper

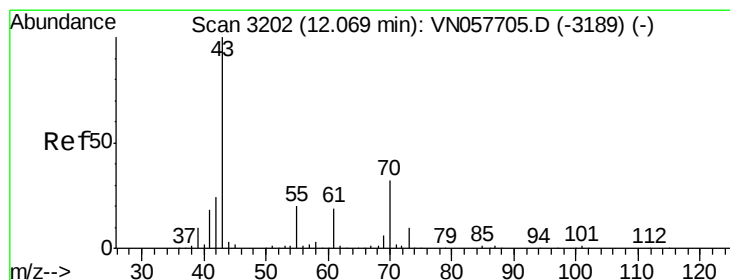
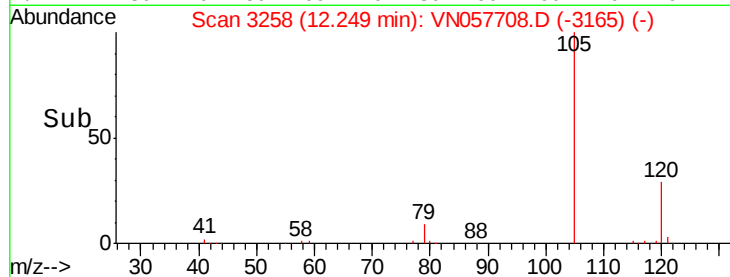
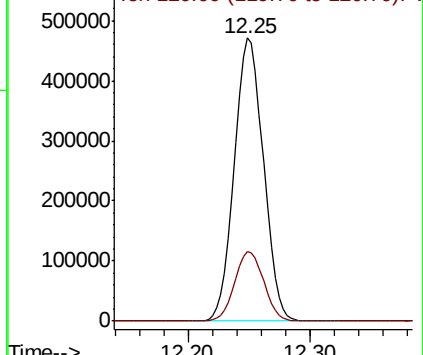
105 100

120 24.5 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.209 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Tgt Ion: 43 Resp: 393925

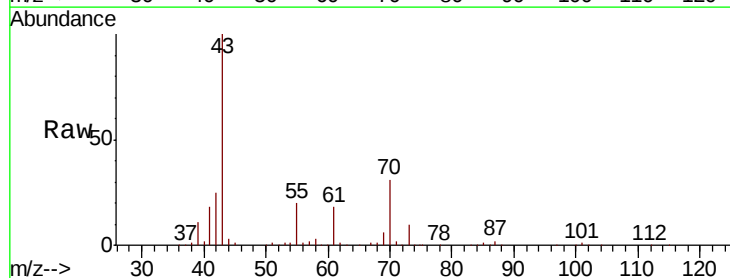
Ion Ratio Lower Upper

43 100

70 32.0 26.1 39.1

55 20.0 16.3 24.5

61 19.4 15.0 22.4

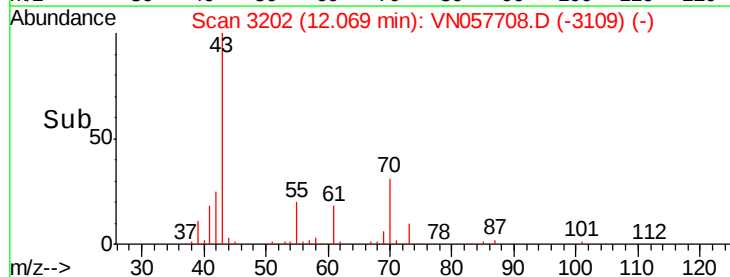
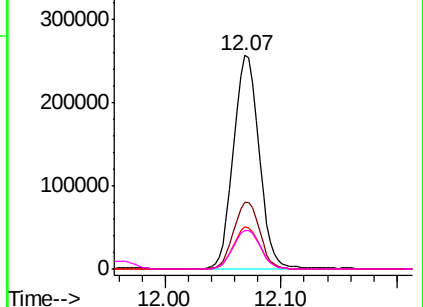


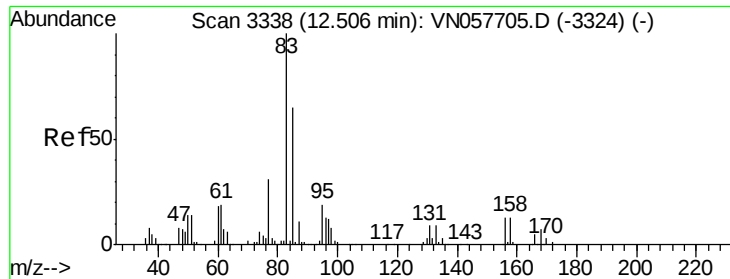
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

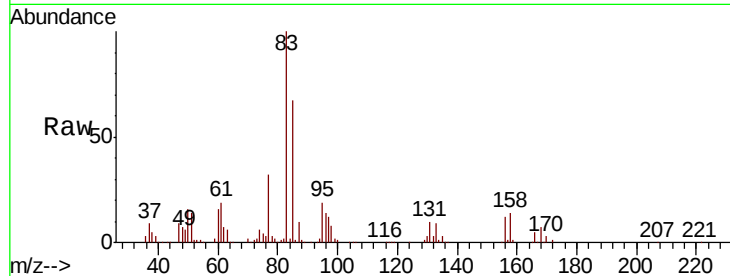




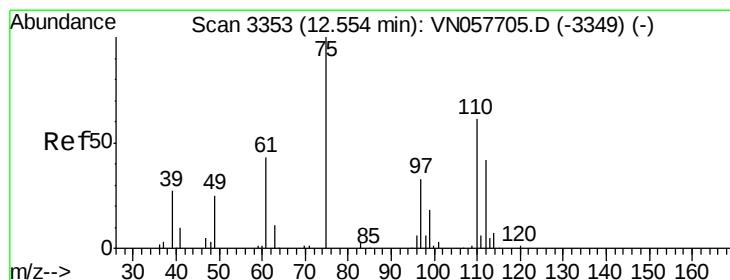
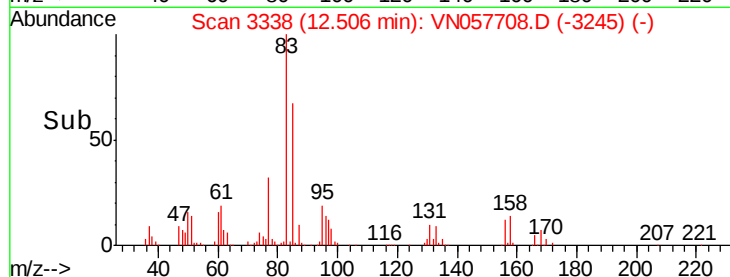
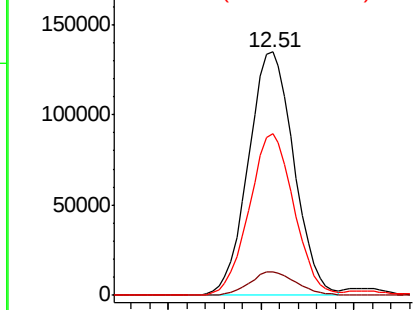
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.594 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.5	13.5
85	65.2	31.8	95.3

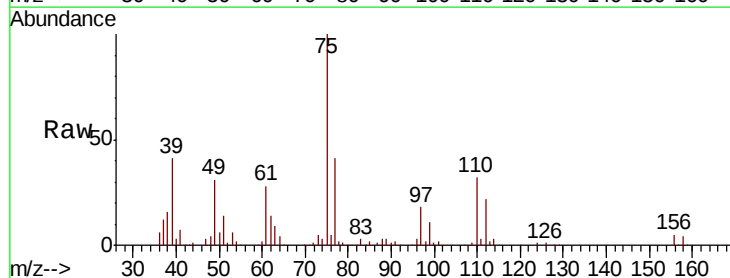


Abundance Ion 82.90 (82.60 to 83.60): VNO
 Ion 130.80 (130.50 to 131.50): VNO
 Ion 84.90 (84.60 to 85.60): VNO

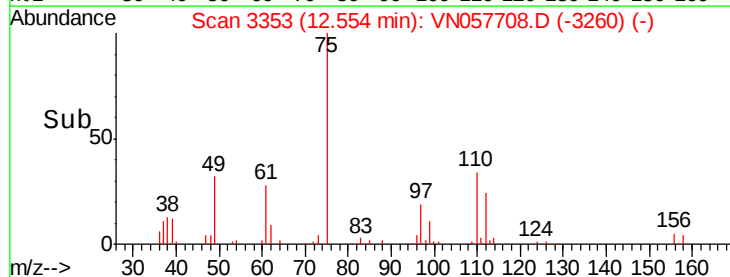
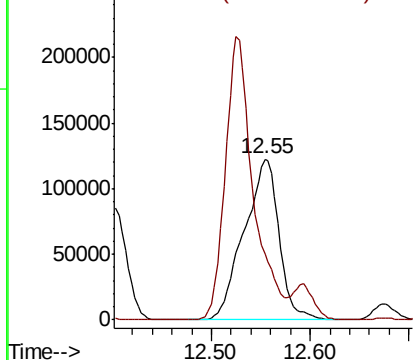


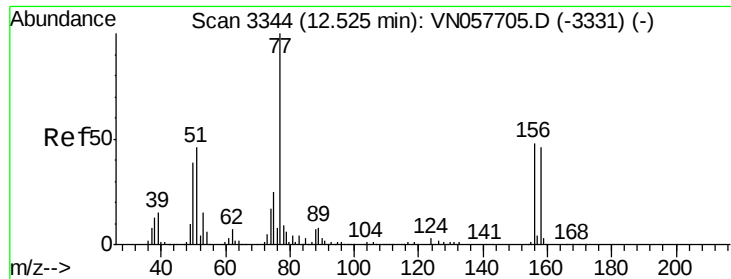
#76
 1,2,3-Trichloropropane
 Concen: 75.174 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



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





#77

Bromobenzene

Concen: 50.492 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampled :

ICVVN090619

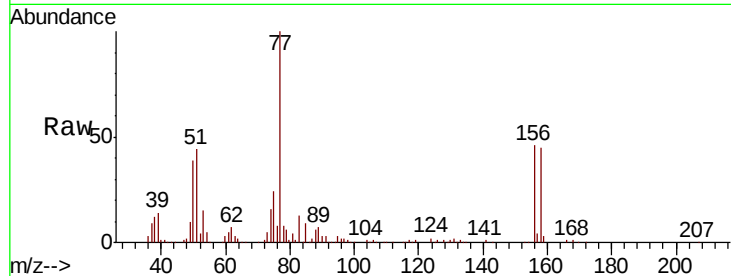
Tgt Ion:156 Resp: 168917

Ion Ratio Lower Upper

156 100

77 254.5 125.4 376.2

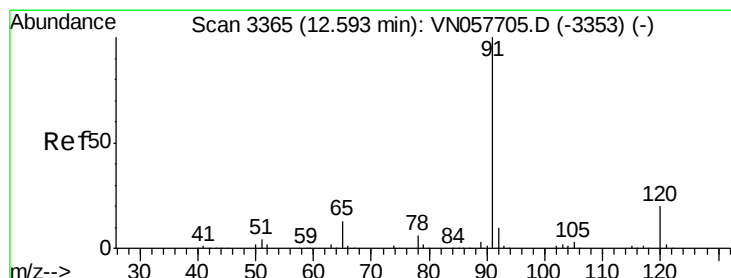
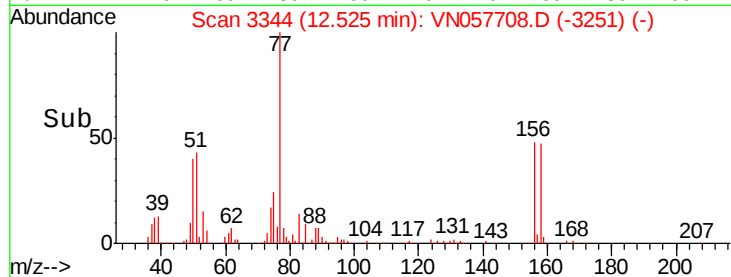
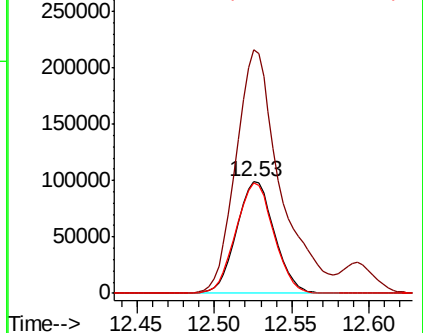
158 98.5 49.3 147.9



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: 50.709 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN057708.D

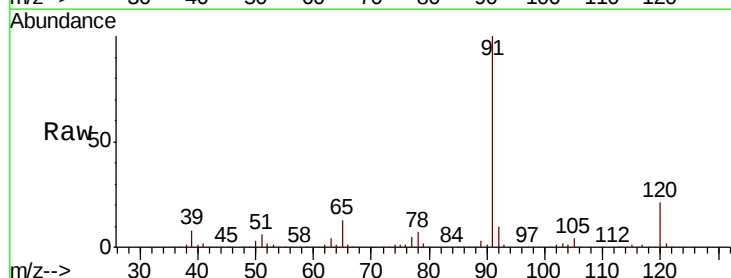
Acq: 5 Sep 2019 20:46

Tgt Ion: 91 Resp: 927743

Ion Ratio Lower Upper

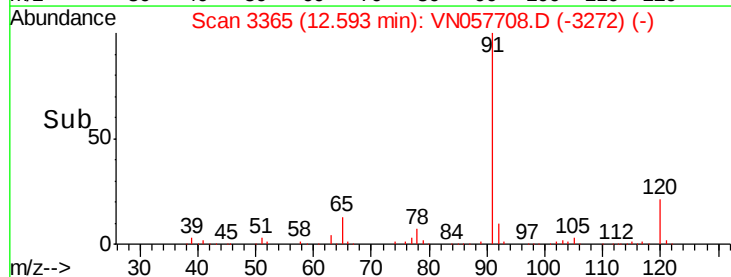
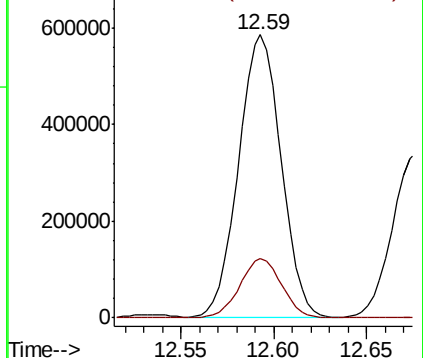
91 100

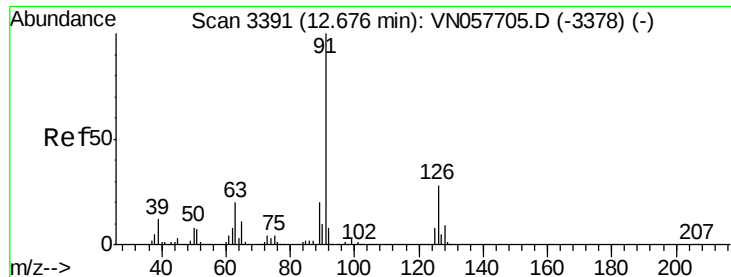
120 20.7 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

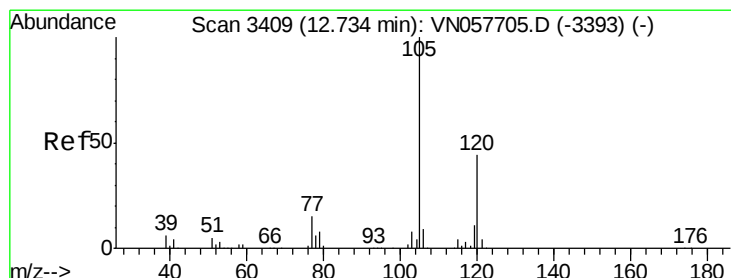
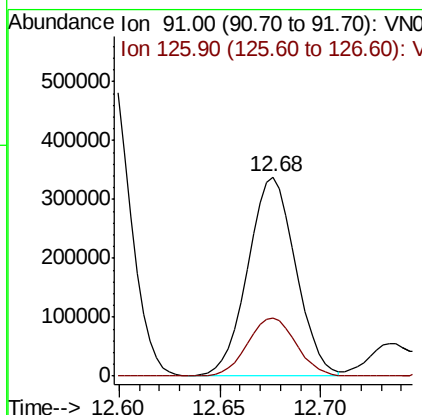
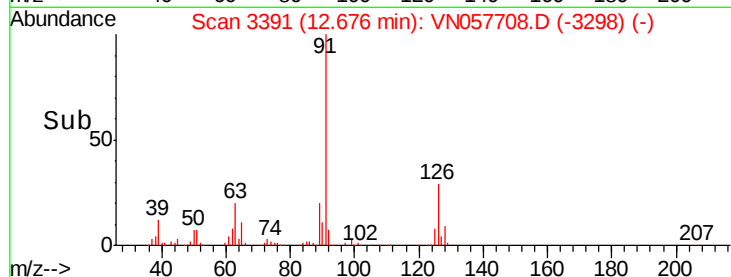
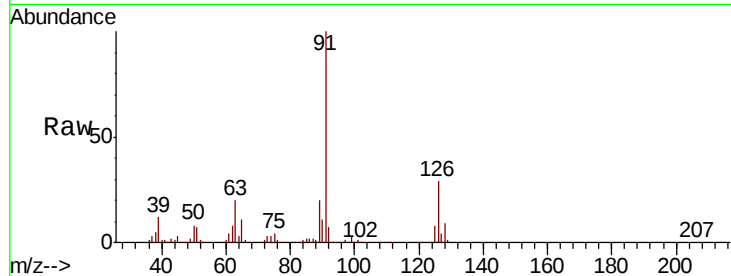




#79
 2-Chlorotoluene
 Concen: 50.030 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

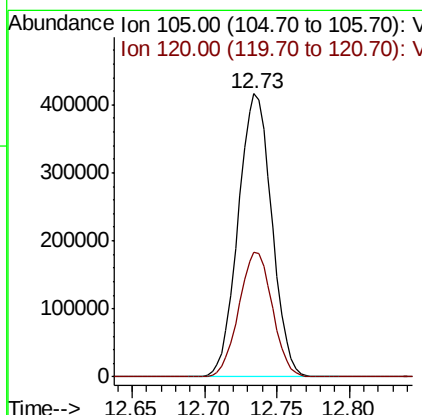
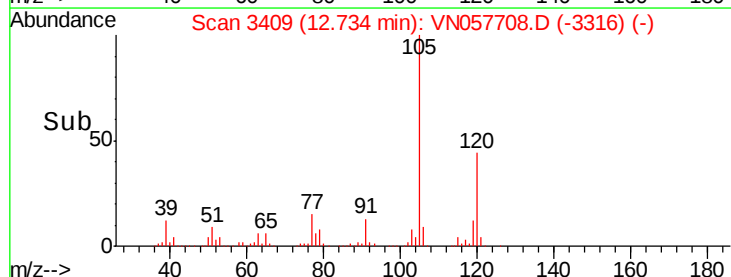
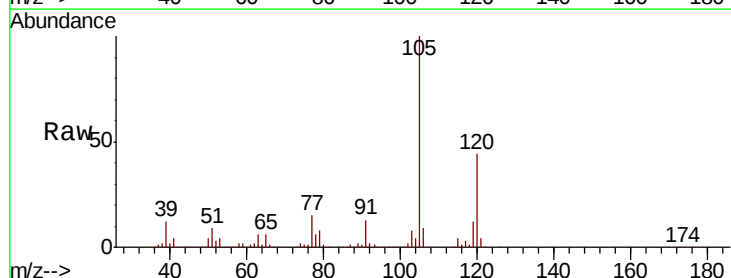
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN090619

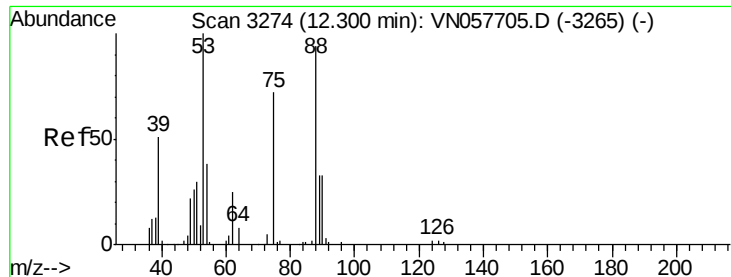
Tgt Ion: 91 Resp: 557220
 Ion Ratio Lower Upper
 91 100
 126 30.0 14.5 43.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.075 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion: 105 Resp: 668112
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.3 66.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.768 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampled :

ICVVN090619

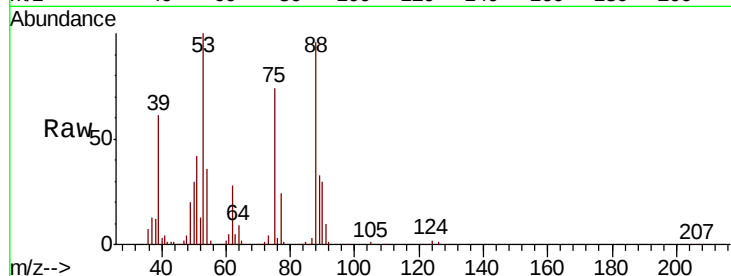
Tgt Ion: 75 Resp: 65293

Ion Ratio Lower Upper

75 100

53 133.1 107.0 160.6

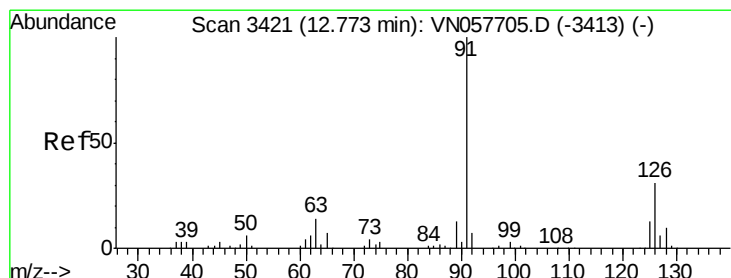
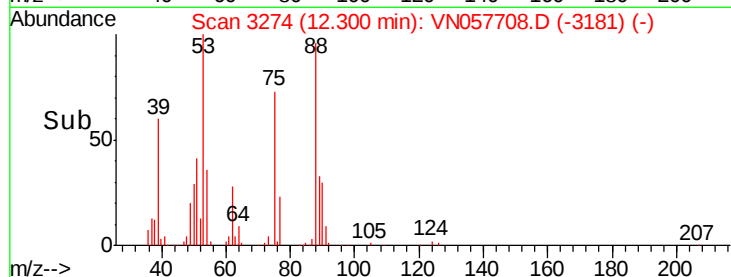
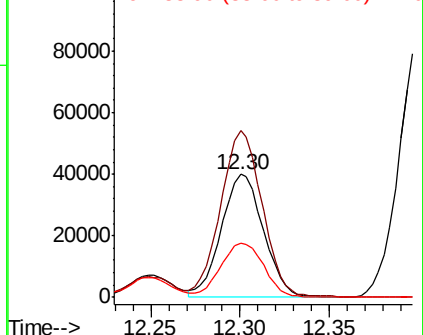
89 45.2 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.776 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057708.D

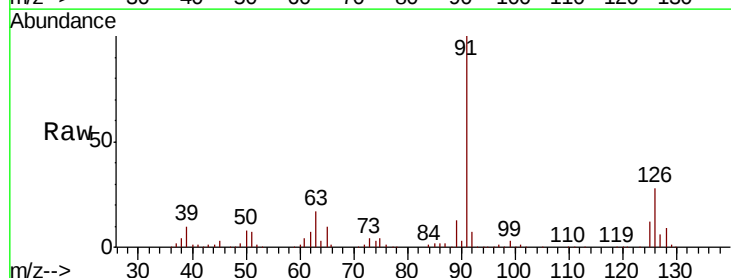
Acq: 5 Sep 2019 20:46

Tgt Ion: 91 Resp: 582440

Ion Ratio Lower Upper

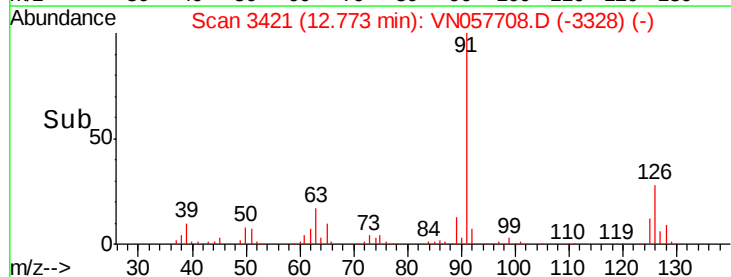
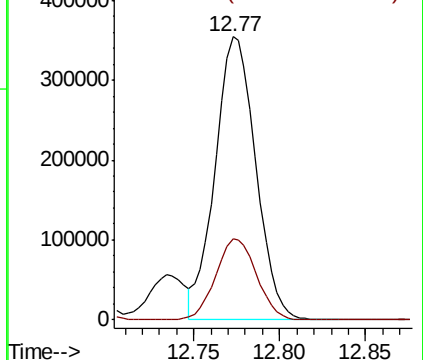
91 100

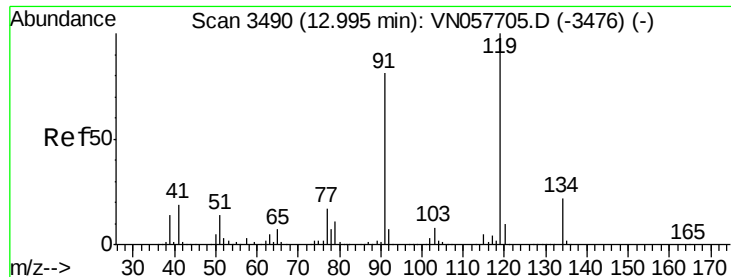
126 28.9 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

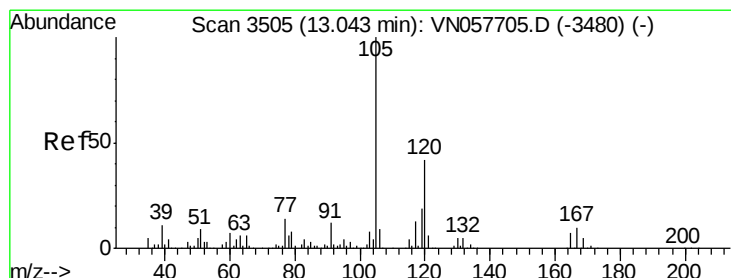
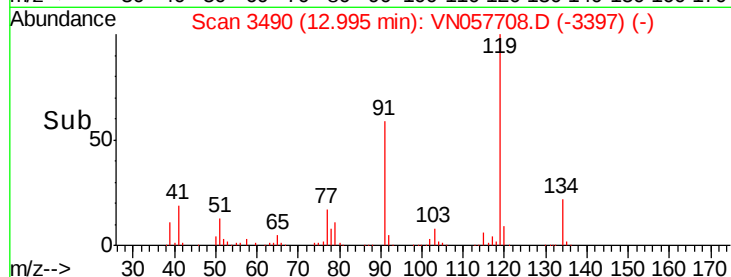
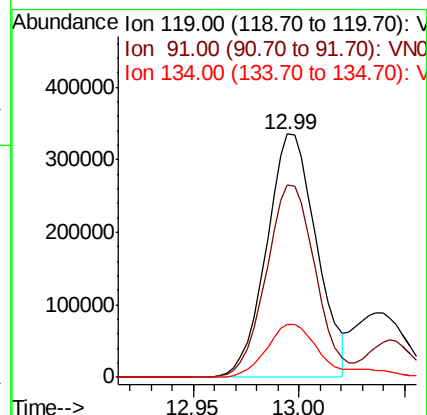
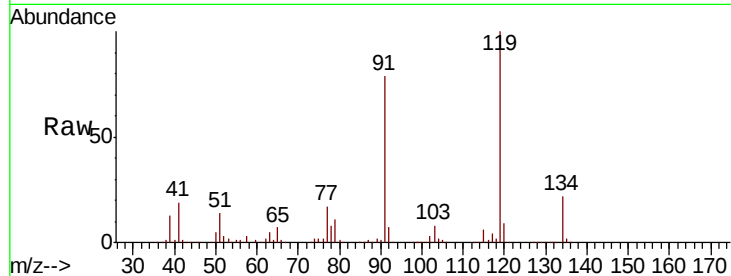




#83
 tert-Butylbenzene
 Concen: 50.116 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

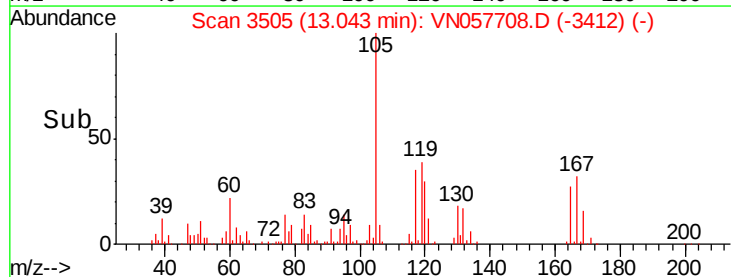
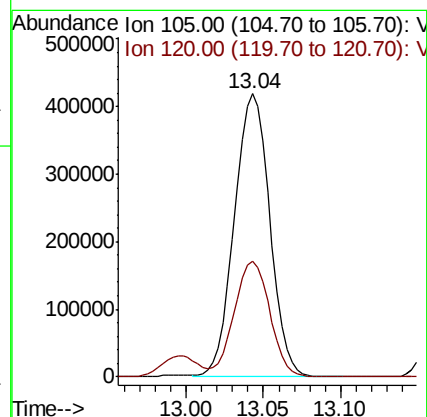
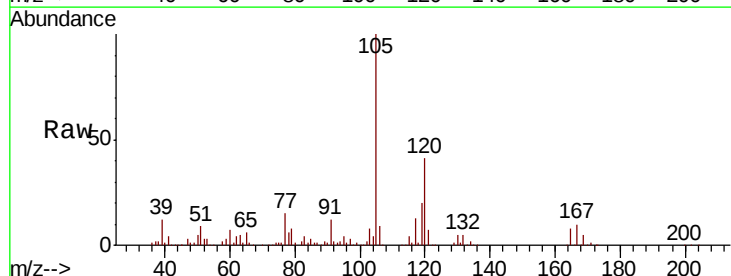
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

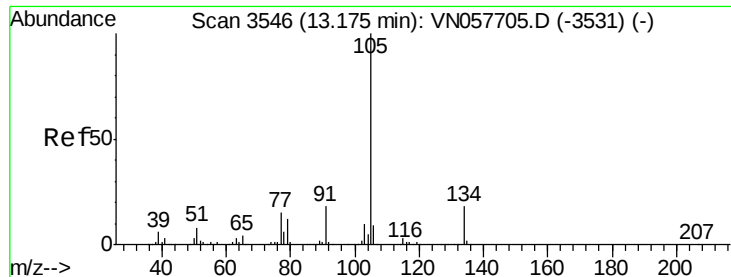
Tgt Ion:119 Resp: 552657
 Ion Ratio Lower Upper
 119 100
 91 77.8 39.6 118.8
 134 24.8 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.227 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion:105 Resp: 663776
 Ion Ratio Lower Upper
 105 100
 120 41.3 20.8 62.5

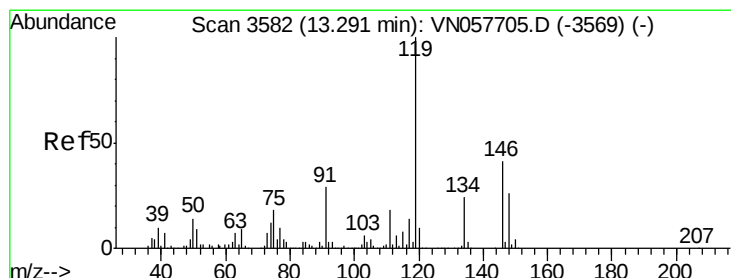
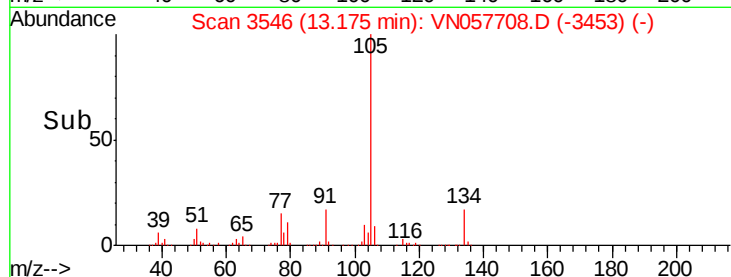
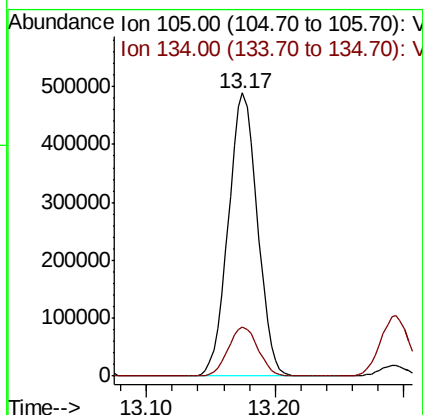
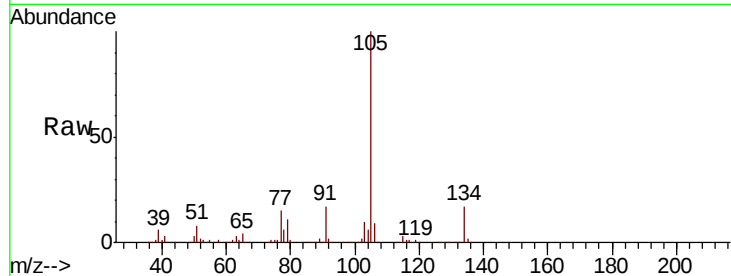




#85
 sec-Butylbenzene
 Concen: 50.362 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

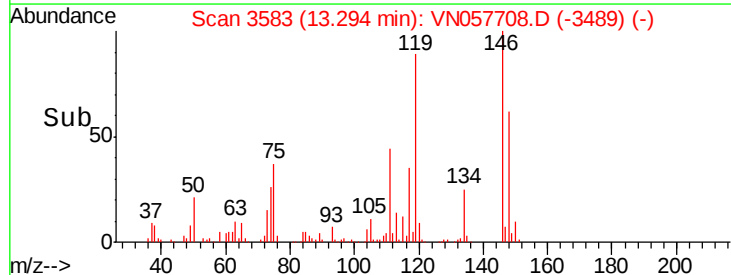
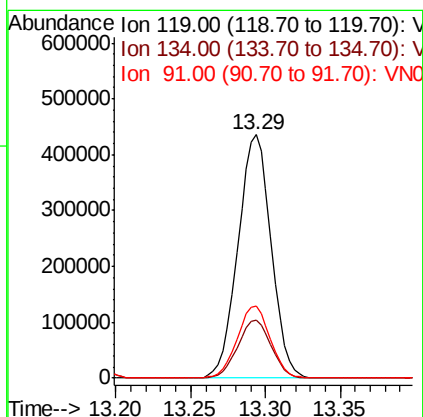
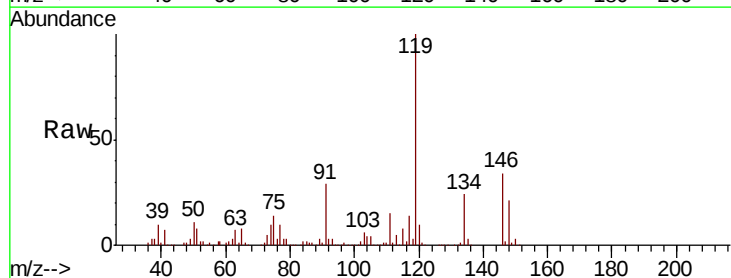
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

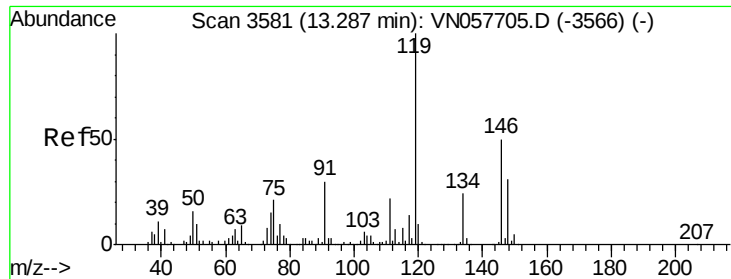
Tgt Ion:105 Resp: 765130
 Ion Ratio Lower Upper
 105 100
 134 17.8 8.8 26.5



#86
 p-Isopropyltoluene
 Concen: 52.015 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion:119 Resp: 669730
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.4 37.0
 91 29.6 14.8 44.3

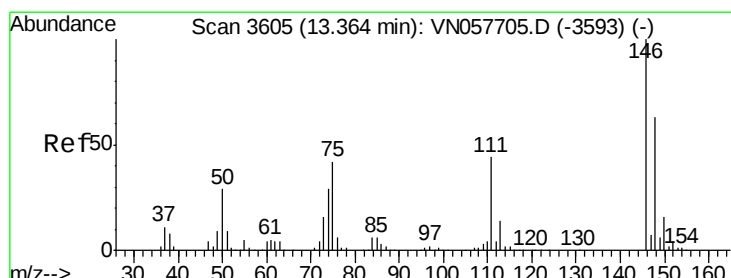
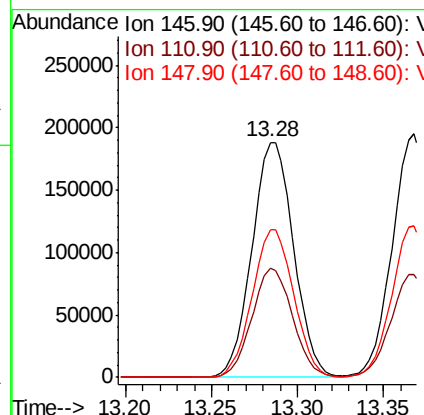
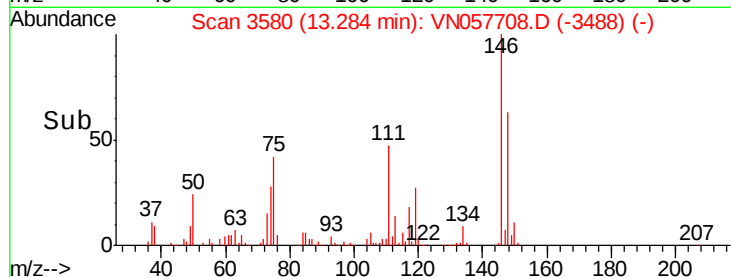
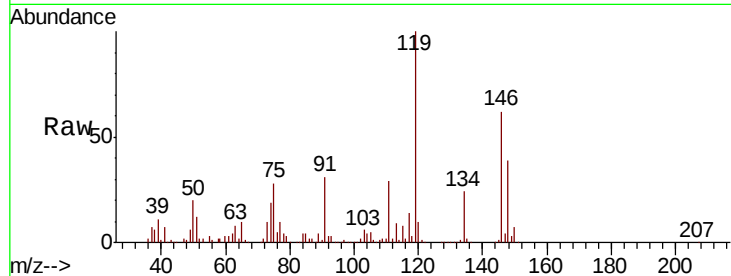




#87
 1,3-Dichlorobenzene
 Concen: 50.425 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

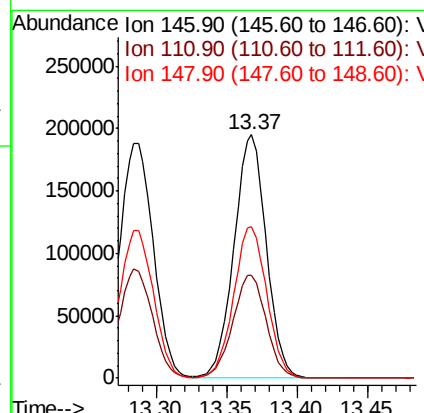
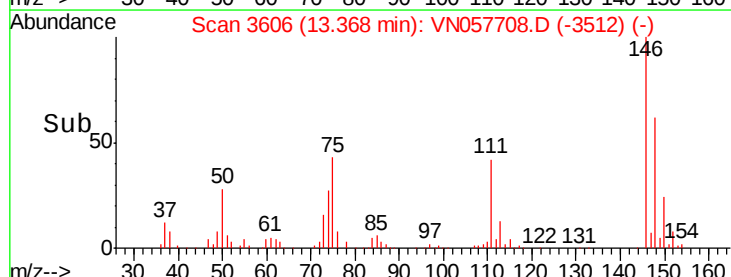
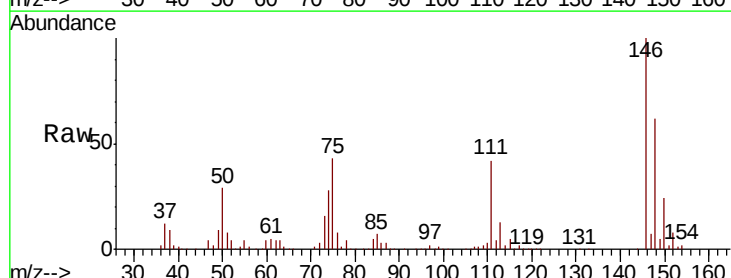
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

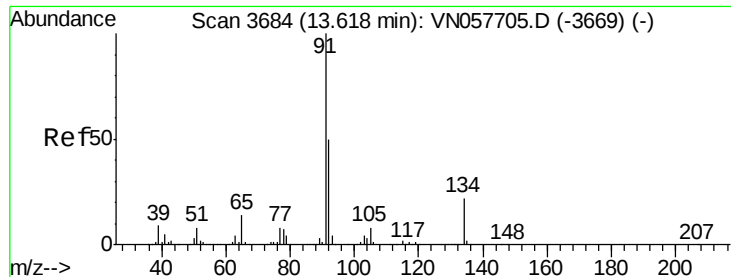
Tgt Ion:146 Resp: 315363
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.3 66.8
 148 62.9 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 49.843 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion:146 Resp: 311834
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.3 66.9
 148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 51.277 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampled :

ICVVN090619

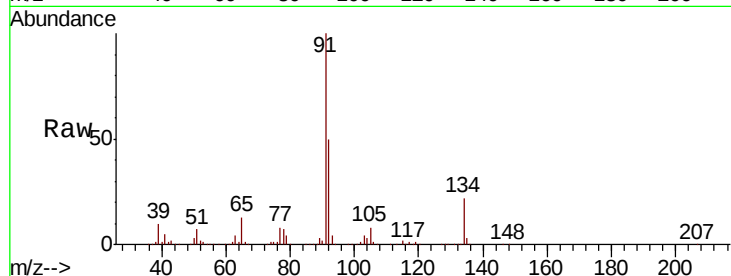
Tgt Ion: 91 Resp: 652938

Ion Ratio Lower Upper

91 100

92 50.3 25.6 76.8

134 22.2 11.2 33.5

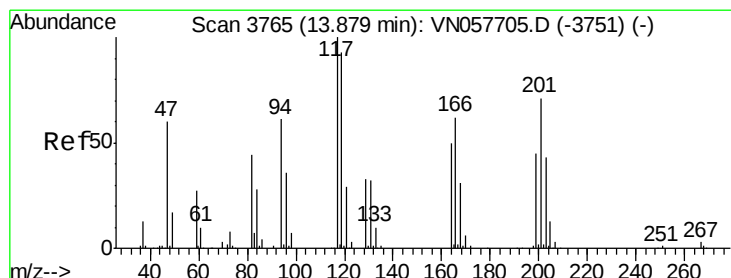
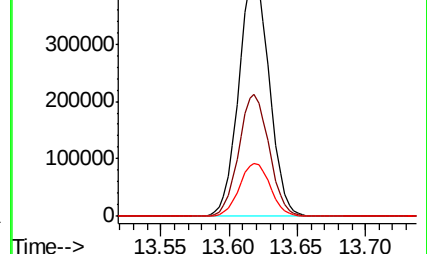
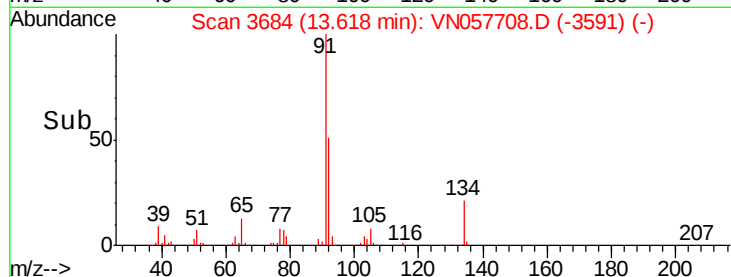


Abundance Ion 91.00 (90.70 to 91.70): VN057708.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN057708.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN057708.D (-3669) (-)

Time-->



#90

Hexachloroethane

Concen: 53.093 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN057708.D

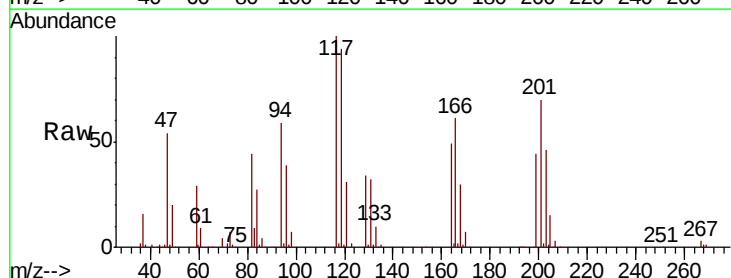
Acq: 5 Sep 2019 20:46

Tgt Ion: 117 Resp: 107113

Ion Ratio Lower Upper

117 100

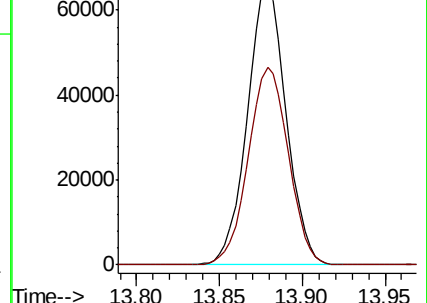
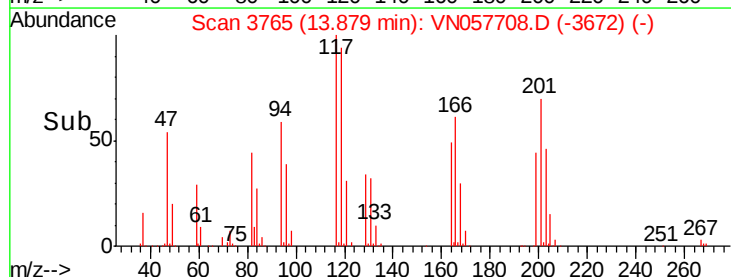
201 73.2 36.4 109.2

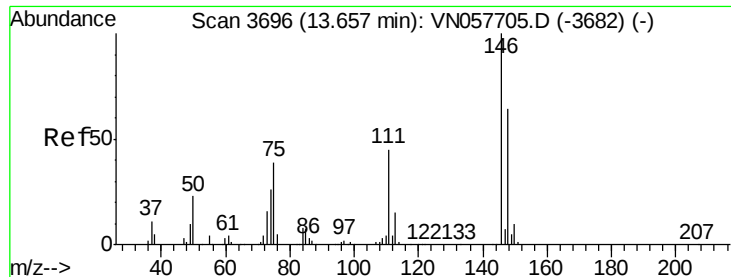


Abundance Ion 116.80 (116.50 to 117.50): VN057708.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057708.D (-3751) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 50.636 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090619

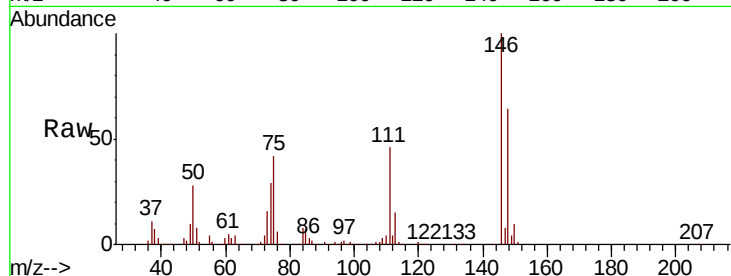
Tgt Ion:146 Resp: 311788

Ion Ratio Lower Upper

146 100

111 45.9 22.8 68.3

148 63.0 31.6 95.0

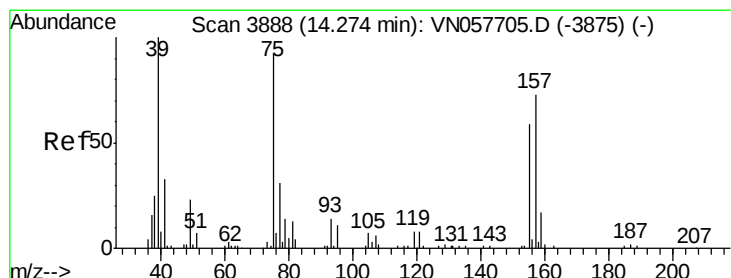
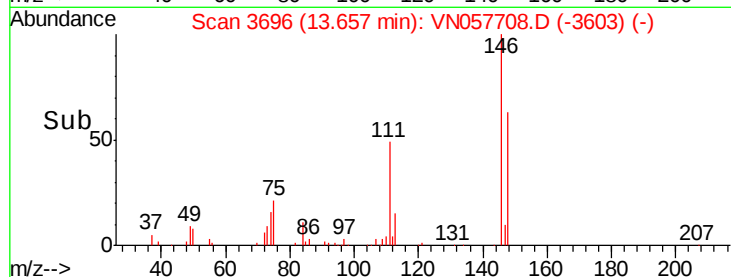
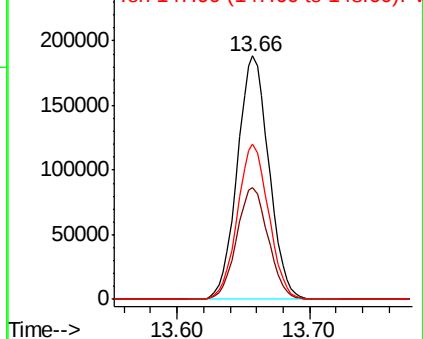


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.579 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

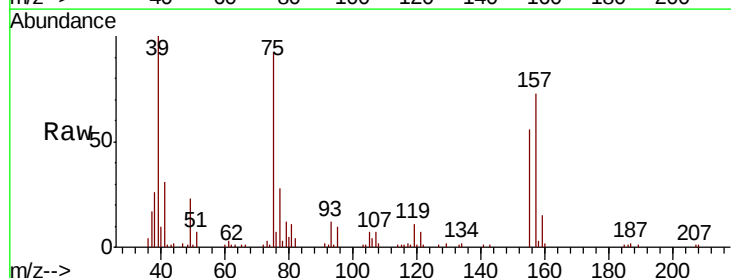
Tgt Ion: 75 Resp: 48740

Ion Ratio Lower Upper

75 100

155 59.9 30.1 90.5

157 79.1 38.1 114.5

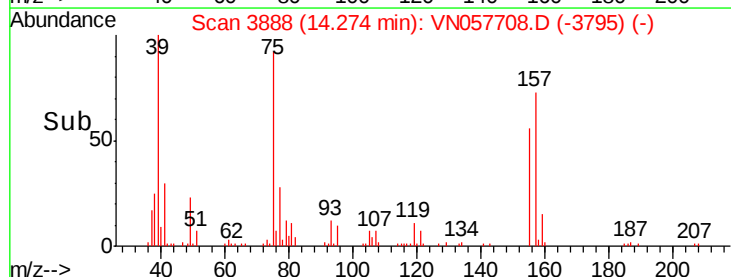
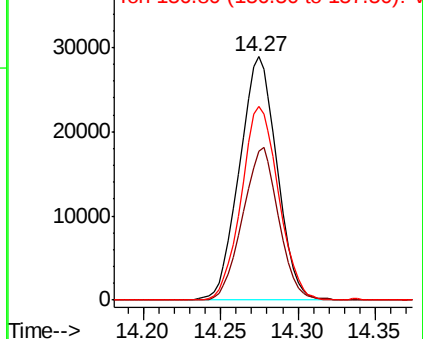


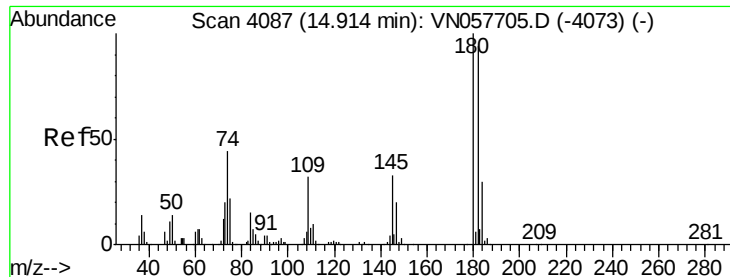
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

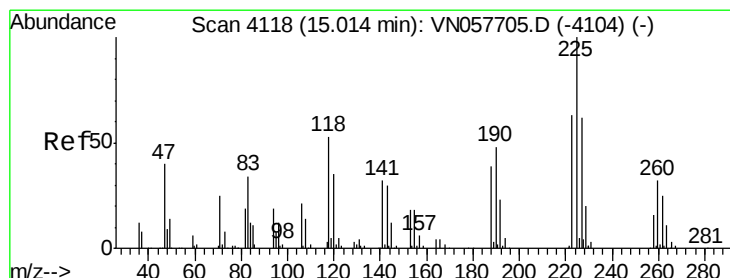
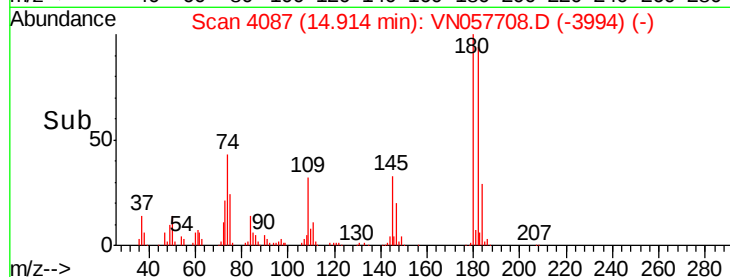
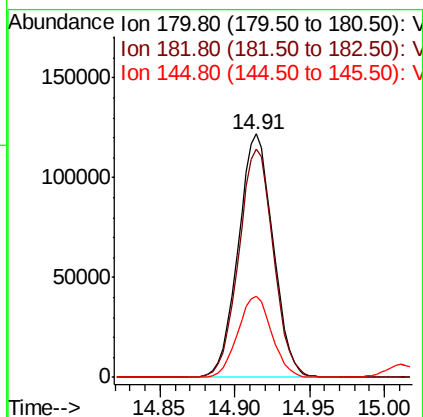
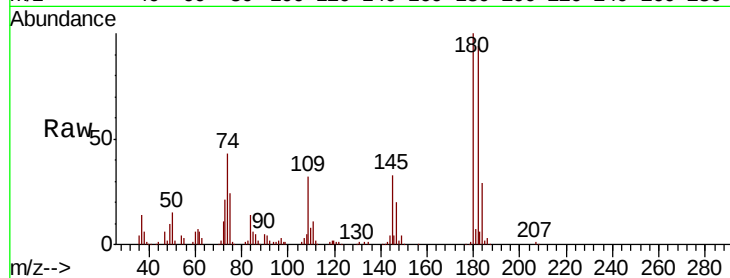




#93
 1,2,4-Trichlorobenzene
 Concen: 53.388 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

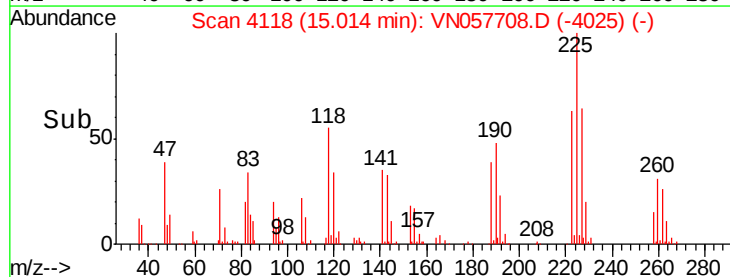
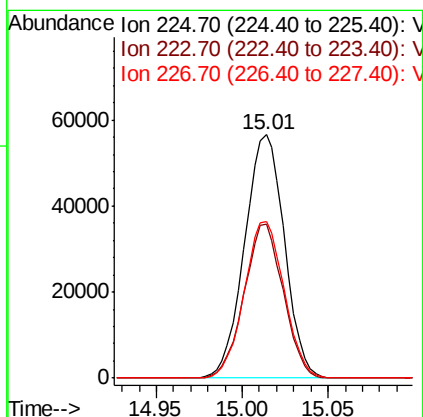
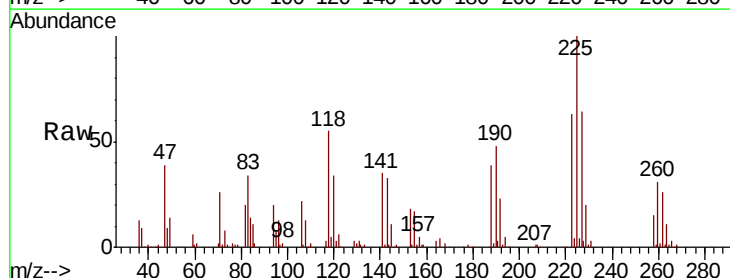
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090619

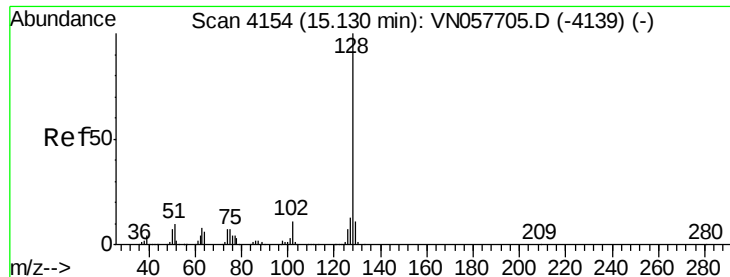
Tgt Ion:180 Resp: 196664
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.6 142.9
 145 32.8 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 50.658 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN057708.D
 Acq: 5 Sep 2019 20:46

Tgt Ion:225 Resp: 90956
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 95.0
 227 64.3 31.7 95.1





#95

Naphthalene

Concen: 52.375 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090619

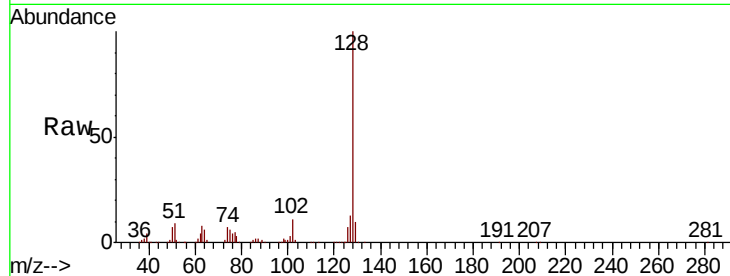
Tgt Ion:128 Resp: 559723

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

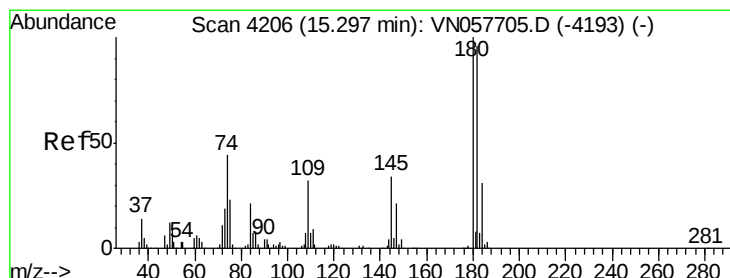
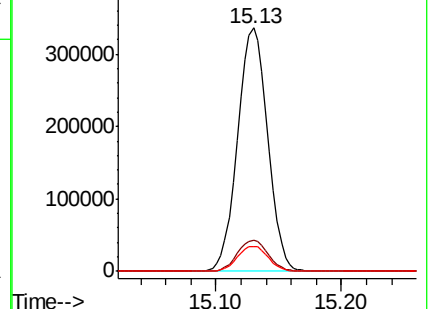
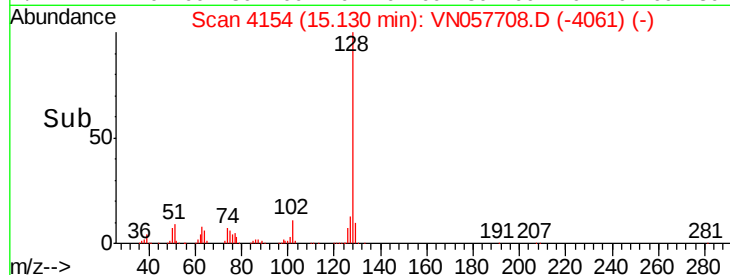
129 10.6 8.4 12.6



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: 51.889 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN057708.D

Acq: 5 Sep 2019 20:46

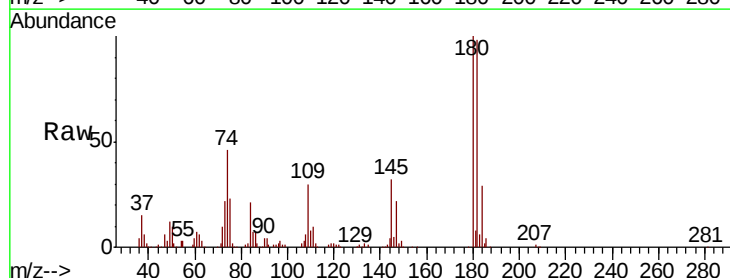
Tgt Ion:180 Resp: 183215

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.2

145 34.5 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

