

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058158.D
 Acq On : 18 Sep 2019 13:10
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

Quant Time: Sep 19 02:28:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 02:07:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	560909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	936122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	426244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	396675	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	7.57	113	288636	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.09	98	1159419	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.40	95	428813	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	214265	46.501	ug/l	98
3) Chloromethane	2.04	50	179051	50.422	ug/l	100
4) Vinyl Chloride	2.17	62	194805	50.160	ug/l	100
5) Bromomethane	2.54	94	105492	47.843	ug/l	97
6) Chloroethane	2.68	64	126784	50.996	ug/l	99
7) Trichlorofluoromethane	3.00	101	283424	45.064	ug/l	98
8) Diethyl Ether	3.39	74	133327	46.266	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	211289	46.595	ug/l	99
10) Methyl Iodide	3.93	142	189392	49.844	ug/l	99
11) Tert butyl alcohol	4.75	59	238644	256.800	ug/l	99
12) 1,1-Dichloroethene	3.72	96	171478	44.660	ug/l	95
13) Acrolein	3.58	56	46727	339.293	ug/l	99
14) Allyl chloride	4.30	41	355939	47.970	ug/l	99
15) Acrylonitrile	4.96	53	639521	258.297	ug/l	100
16) Acetone	3.79	43	662547	249.845	ug/l	99
17) Carbon Disulfide	4.03	76	226502	46.779	ug/l	98
18) Methyl Acetate	4.30	43	336457	48.218	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	852386	49.839	ug/l	100
20) Methylene Chloride	4.53	84	232995	45.133	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	181857	43.750	ug/l	99
22) Diisopropyl ether	5.93	45	926623	49.162	ug/l	97
23) Vinyl Acetate	5.87	43	3441813	266.867	ug/l	99
24) 1,1-Dichloroethane	5.82	63	480192	47.734	ug/l	100
25) 2-Butanone	6.81	43	941287	260.542	ug/l	99
26) 2,2-Dichloropropane	6.81	77	412585	48.344	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	275568	48.446	ug/l	99
28) Bromochloromethane	7.18	49	238158	50.045	ug/l	97
29) Tetrahydrofuran	7.19	42	551560	247.849	ug/l	99
30) Chloroform	7.36	83	520436	48.062	ug/l	97
31) Cyclohexane	7.63	56	318527	48.933	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	415290	50.378	ug/l	100
36) 1,1-Dichloropropene	7.78	75	306120	45.346	ug/l	99
37) Ethyl Acetate	6.91	43	365030	52.103	ug/l	99
38) Carbon Tetrachloride	7.76	117	330635	48.722	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058158.D
 Acq On : 18 Sep 2019 13:10
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

Quant Time: Sep 19 02:28:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 02:07:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	317008	44.531	ug/l	99
40) Benzene	8.03	78	990992	48.061	ug/l	100
41) Methacrylonitrile	7.19	41	536386	158.462	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	418355	48.353	ug/l	99
43) Isopropyl Acetate	8.15	43	648847	49.590	ug/l	99
44) Trichloroethene	8.82	130	242544	48.068	ug/l	100
45) 1,2-Dichloropropane	9.11	63	308426	50.088	ug/l	100
46) Dibromomethane	9.20	93	184356	49.243	ug/l	99
47) Bromodichloromethane	9.40	83	406515	51.831	ug/l	99
48) Methyl methacrylate	9.19	41	313466	52.765	ug/l	99
49) 1,4-Dioxane	9.19	88	100452	1029.890	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1974416	284.098	ug/l	100
52) Toluene	10.15	92	634586	49.108	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	430103	53.534	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	457809	51.612	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	294112	51.287	ug/l	99
56) Ethyl methacrylate	10.43	69	445205	53.807	ug/l	99
57) 1,3-Dichloropropane	10.71	76	493814	50.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1065014	270.228	ug/l	99
59) 2-Hexanone	10.75	43	1471676	285.124	ug/l	99
60) Dibromochloromethane	10.90	129	296038	53.659	ug/l	100
61) 1,2-Dibromoethane	11.00	107	273357	51.436	ug/l	99
64) Tetrachloroethene	10.63	164	192834	46.287	ug/l	99
65) Chlorobenzene	11.43	112	744571	49.532	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	285057	52.298	ug/l	99
67) Ethyl Benzene	11.51	91	1325333	51.455	ug/l	100
68) m/p-Xylenes	11.62	106	967662	99.749	ug/l	98
69) o-Xylene	11.95	106	488582	51.220	ug/l	99
70) Styrene	11.97	104	869500	52.904	ug/l	100
71) Bromoform	12.13	173	193823	48.109	ug/l	100
73) Isopropylbenzene	12.25	105	1382314	51.811	ug/l	100
74) N-amyl acetate	12.07	43	604993	54.204	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	457895	51.250	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	560931	73.532	ug/l #	100
77) Bromobenzene	12.53	156	330123	49.190	ug/l	100
78) n-propylbenzene	12.59	91	1612016	53.170	ug/l	100
79) 2-Chlorotoluene	12.68	91	959374	50.633	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1187144	52.619	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	124204	48.637	ug/l	99
82) 4-Chlorotoluene	12.78	91	1023766	51.401	ug/l	100
83) tert-Butylbenzene	13.00	119	1050400	52.208	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1206060	53.717	ug/l	100
85) sec-Butylbenzene	13.18	105	1417346	53.871	ug/l	100
86) p-Isopropyltoluene	13.29	119	1277884	54.634	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	629046	51.318	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	629779	50.325	ug/l	99
89) n-Butylbenzene	13.62	91	1197838	54.017	ug/l	99
90) Hexachloroethane	13.88	117	200218	55.136	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	630928	51.312	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	86828	53.981	ug/l	98

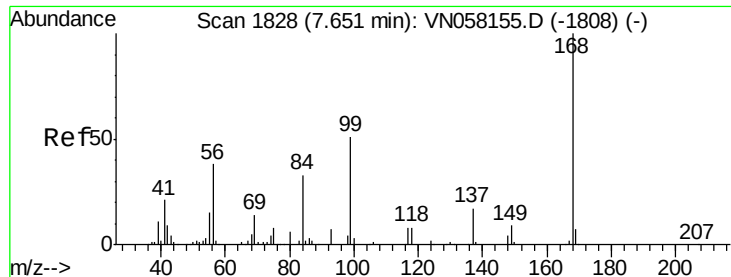
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
Data File : VN058158.D
Acq On : 18 Sep 2019 13:10
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

Quant Time: Sep 19 02:28:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 02:07:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	412453	52.500	ug/l	99
94) Hexachlorobutadiene	15.01	225	194090	51.114	ug/l	98
95) Naphthalene	15.13	128	1145601	56.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	385935	51.974	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

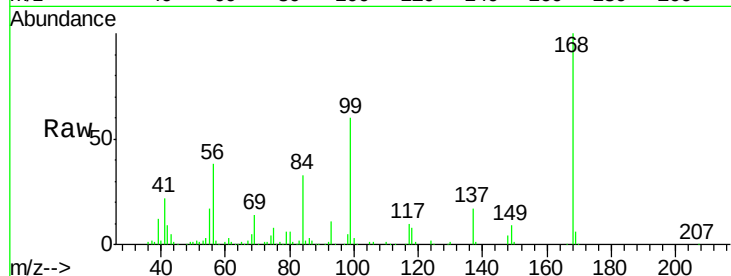
ICVFN091819

Tot Ion:168 Resp: 560909

Ion Ratio Lower Upper

168 100

99 59.9 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

150000

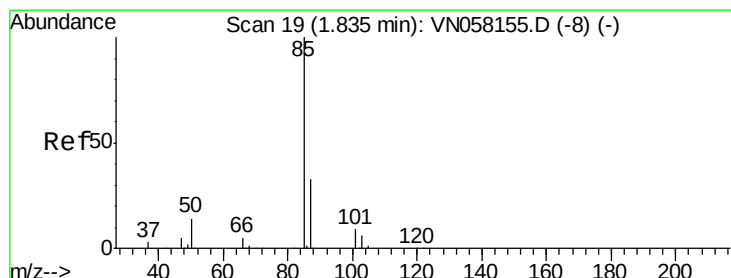
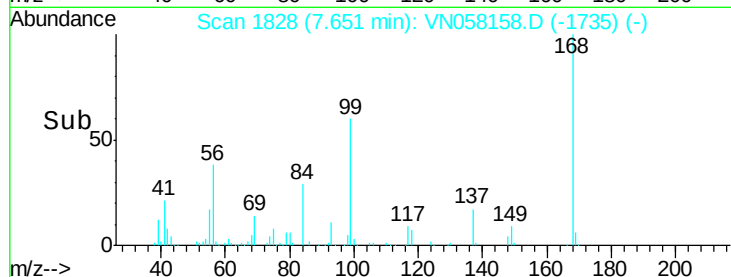
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.501 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058158.D

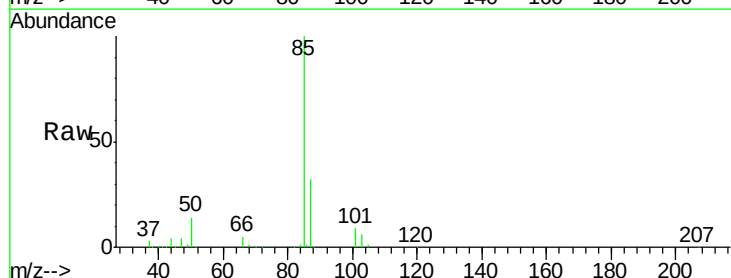
Acq: 18 Sep 2019 13:10

Tgt Ion: 85 Resp: 214265

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

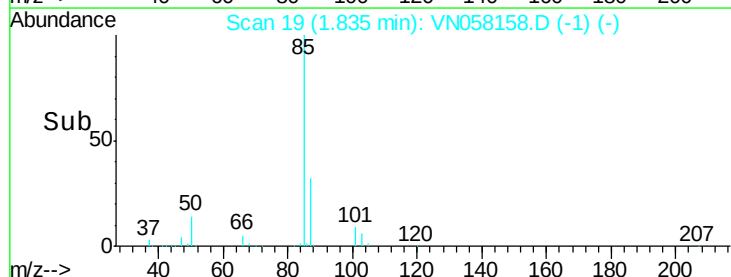
100000

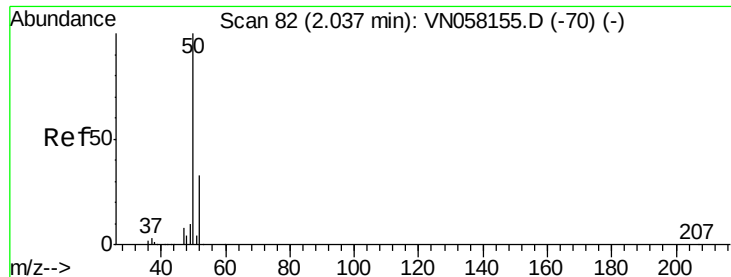
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 50.422 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

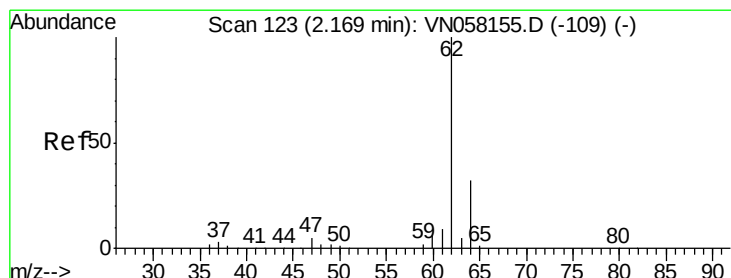
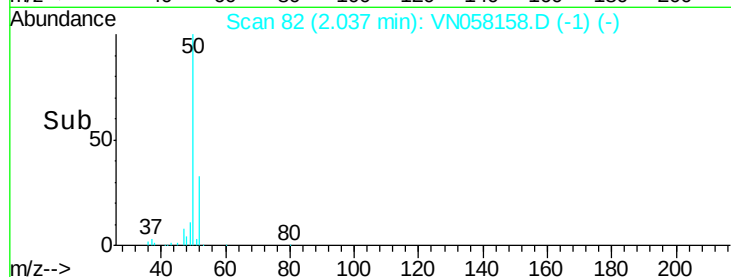
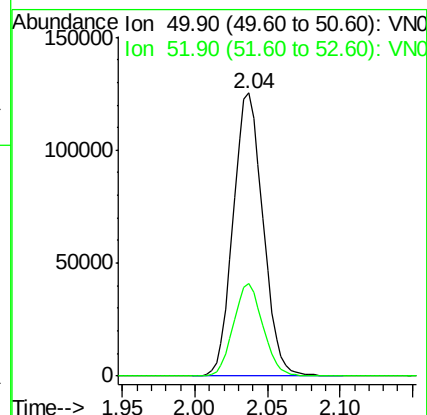
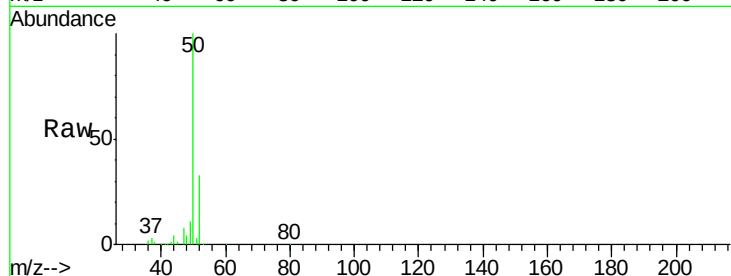
ICVVN091819

Tot Ion: 50 Resp: 179051

Ion Ratio Lower Upper

50 100

52 32.7 26.3 39.5



#4

Vinyl Chloride

Concen: 50.160 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058158.D

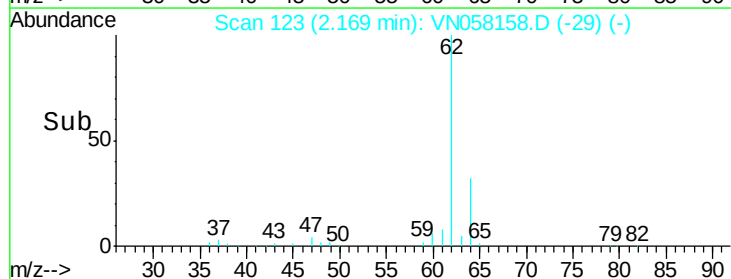
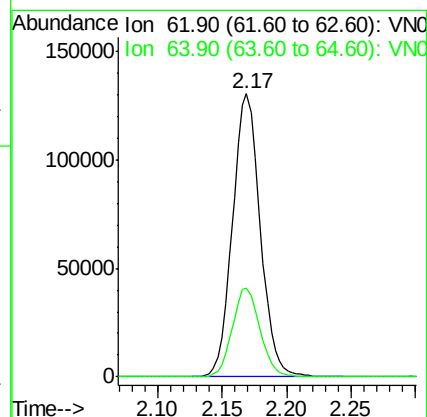
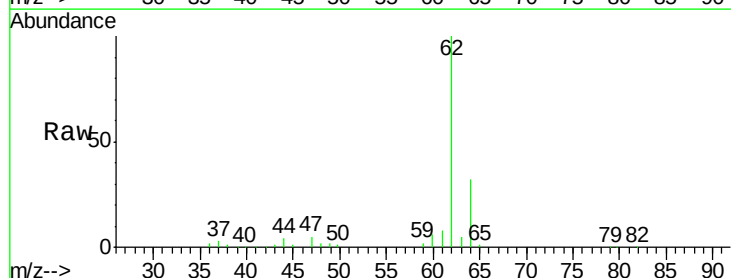
Acq: 18 Sep 2019 13:10

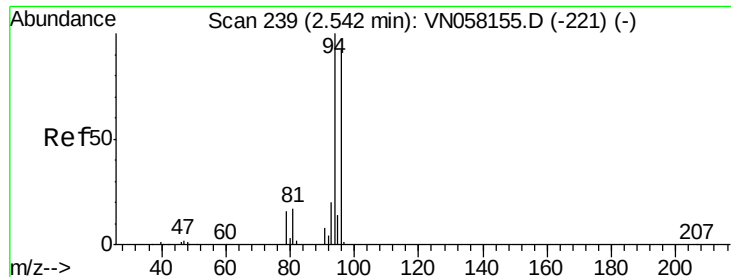
Tgt Ion: 62 Resp: 194805

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 47.843 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

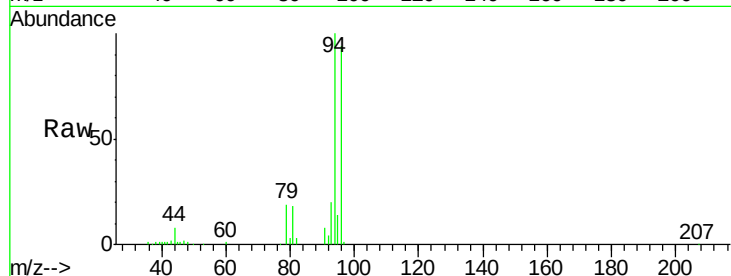
ICVVN091819

Tot Ion: 94 Resp: 105492

Ion Ratio Lower Upper

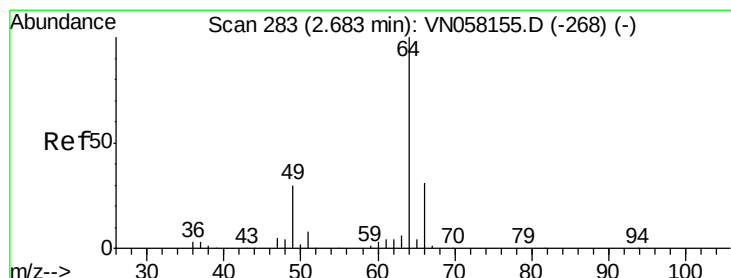
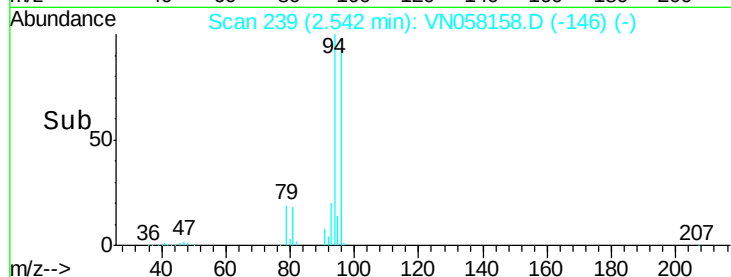
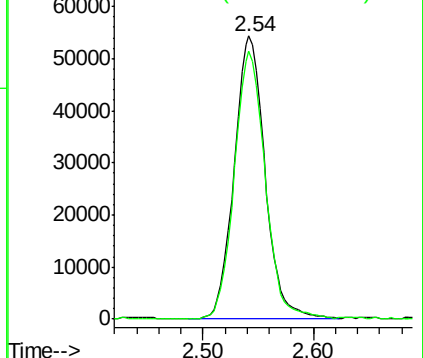
94 100

96 94.5 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.996 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058158.D

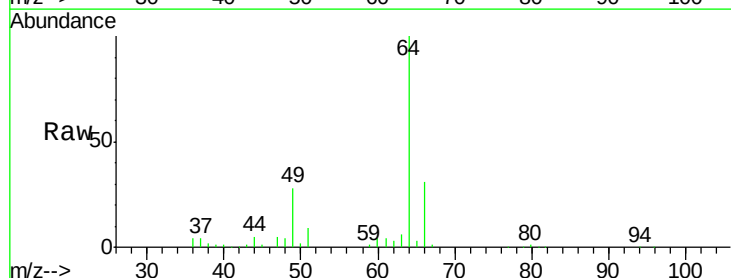
Acq: 18 Sep 2019 13:10

Tgt Ion: 64 Resp: 126784

Ion Ratio Lower Upper

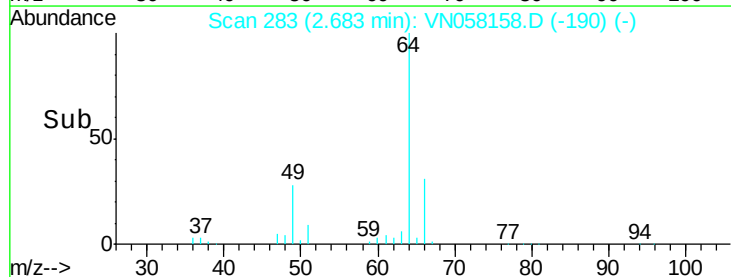
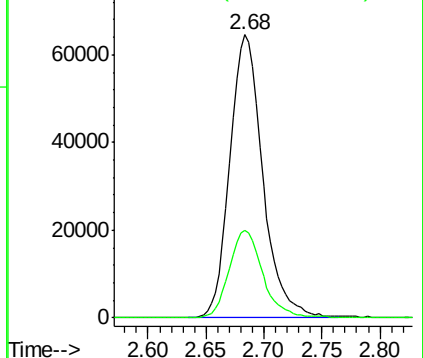
64 100

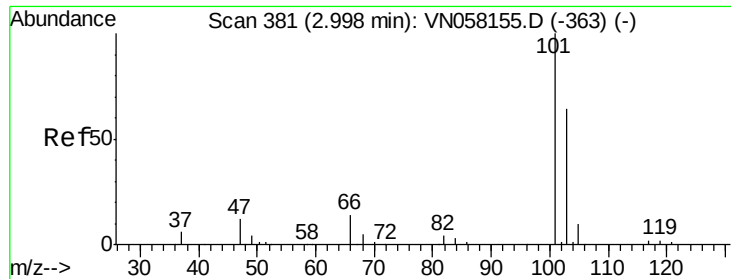
66 31.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



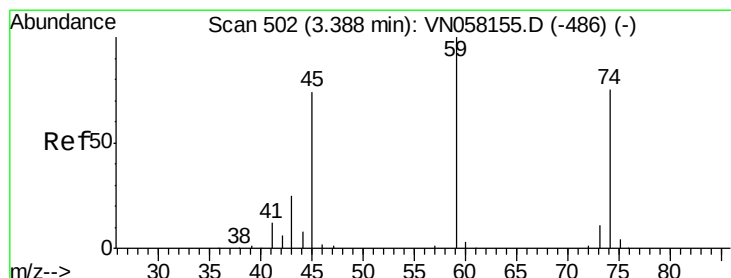
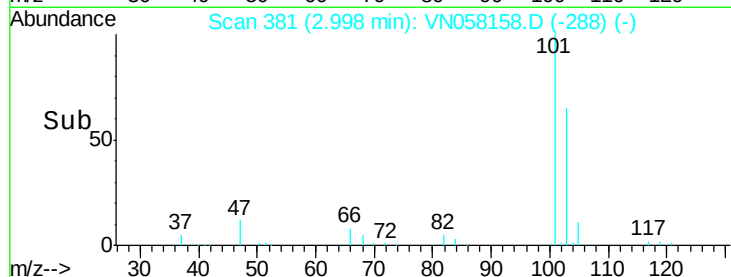
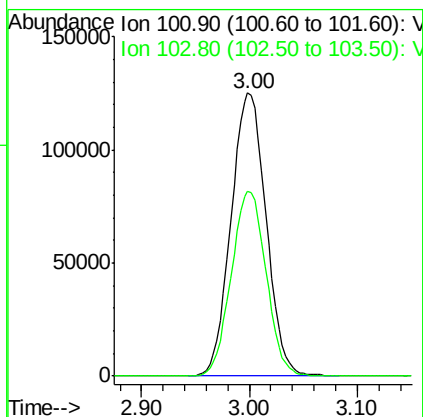
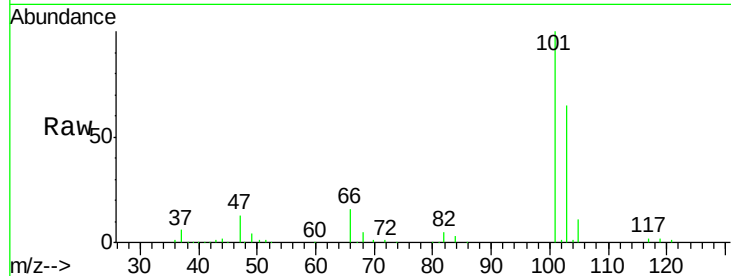


#7

Trichlorofluoromethane
 Concen: 45.064 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

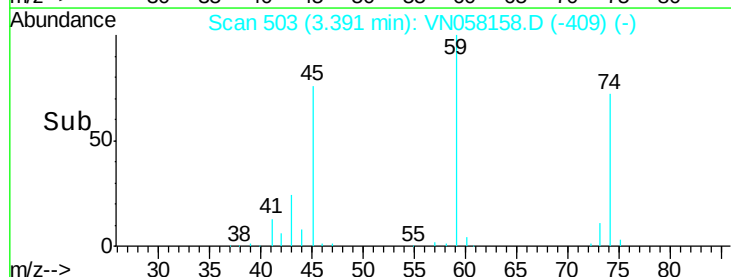
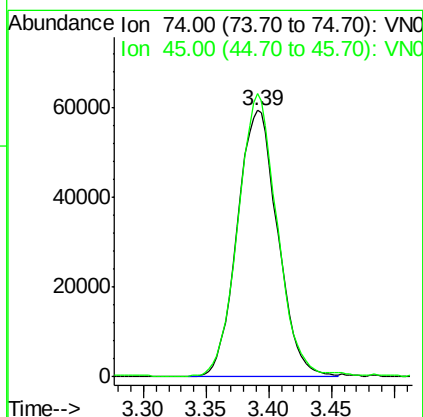
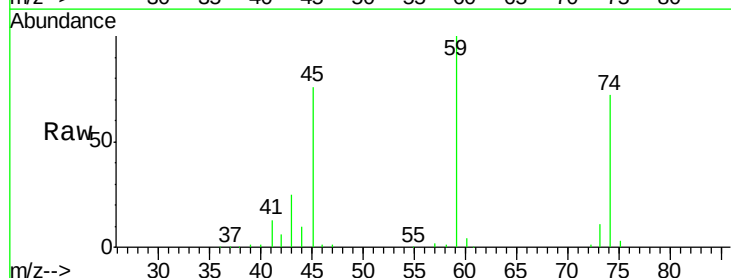
Tot Ion:101 Resp: 283424
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.0 76.6

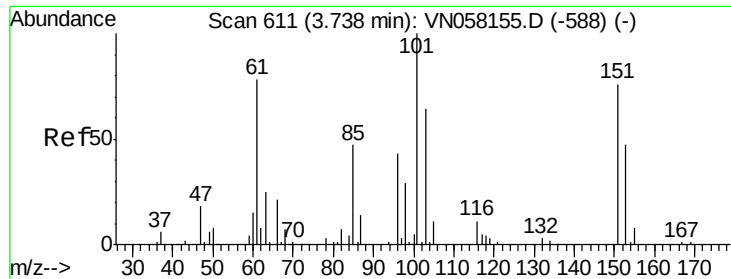


#8

Diethyl Ether
 Concen: 46.266 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion: 74 Resp: 133327
 Ion Ratio Lower Upper
 74 100
 45 102.5 48.5 145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.595 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

ICV091819

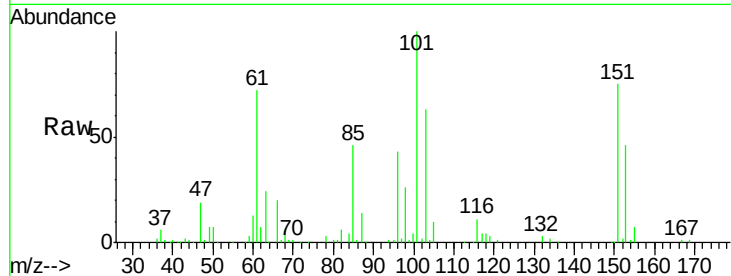
Tot Ion:101 Resp: 211289

Ion Ratio Lower Upper

101 100

85 46.4 37.3 55.9

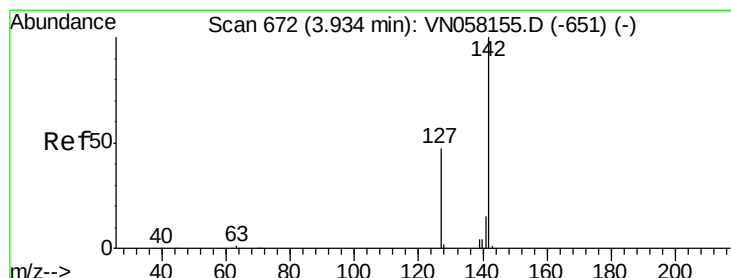
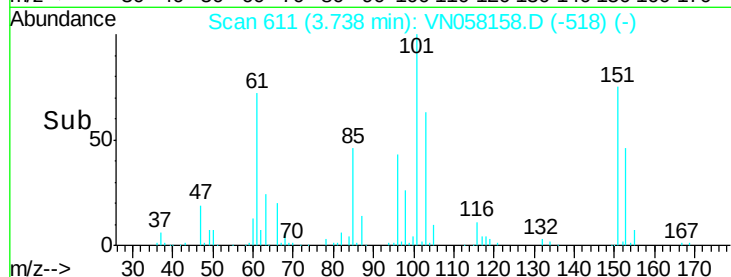
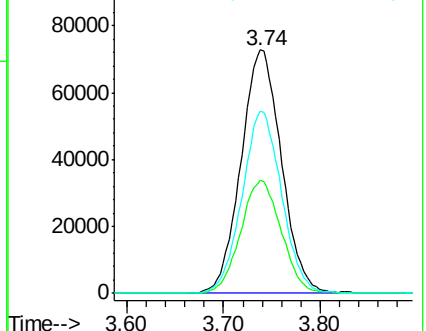
151 73.3 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.844 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

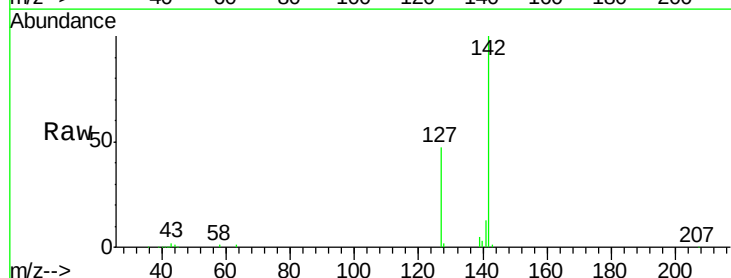
Tgt Ion:142 Resp: 189392

Ion Ratio Lower Upper

142 100

127 45.8 37.5 56.3

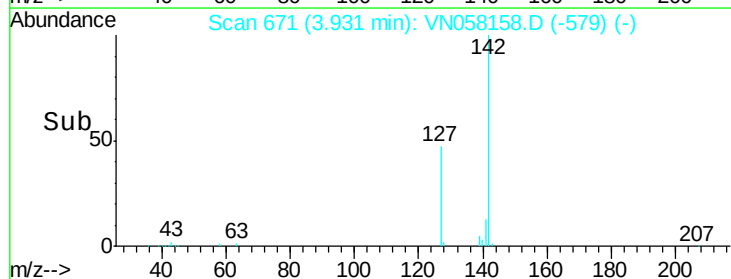
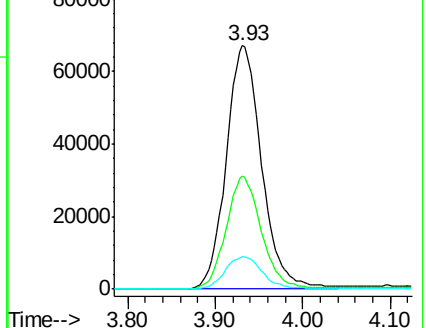
141 14.0 11.4 17.2

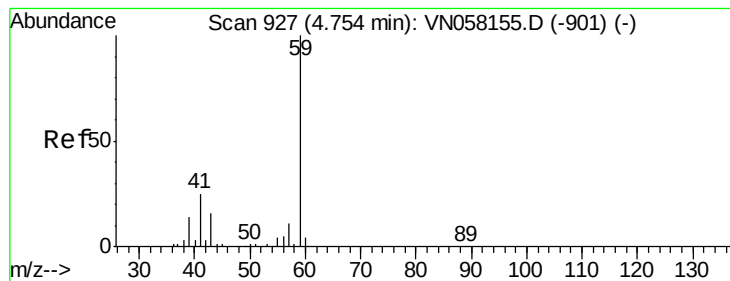


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



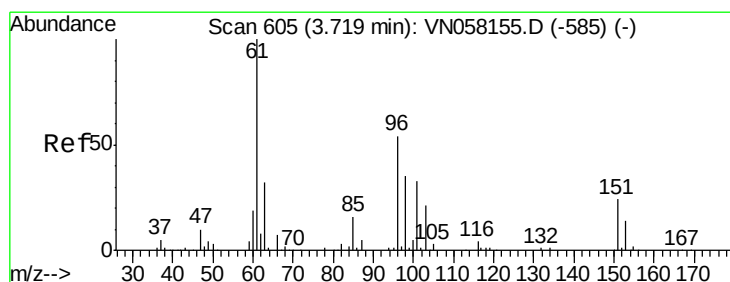
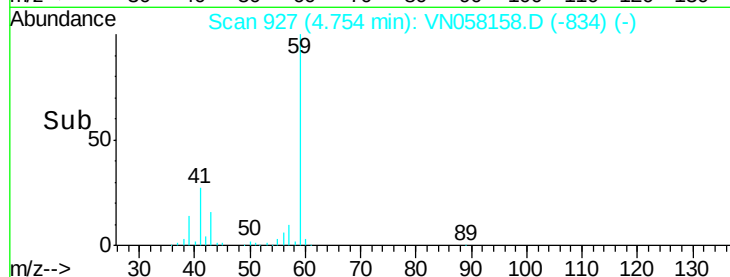
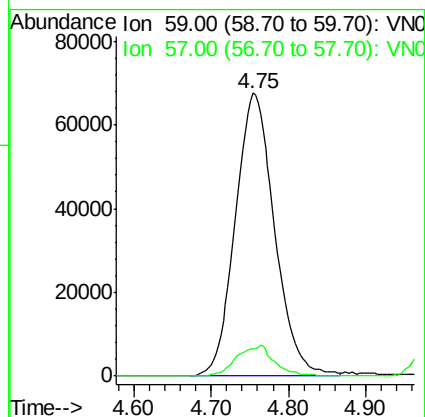
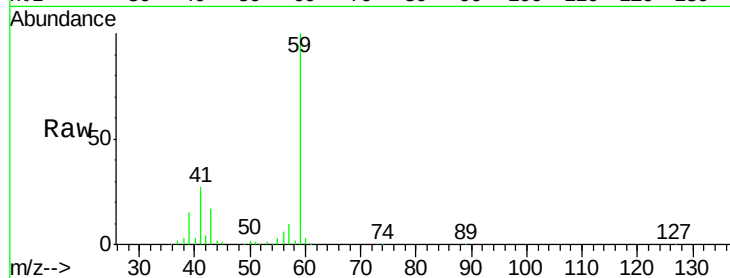


#11

Tert butyl alcohol
 Concen: 256.800 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

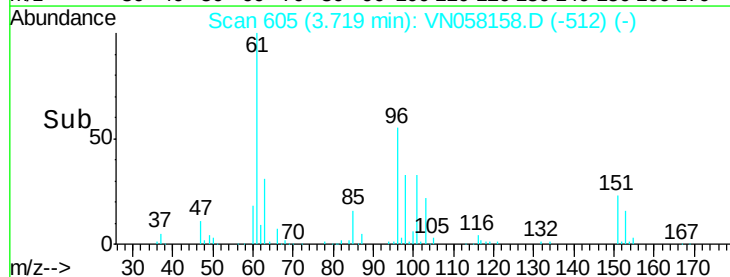
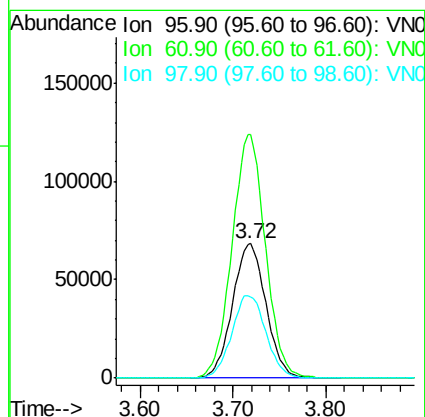
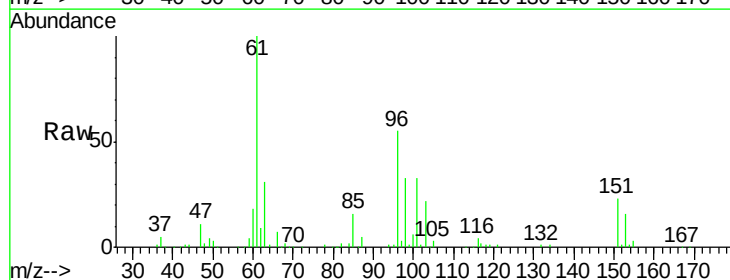
Tot Ion: 59 Resp: 238644
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 13.0

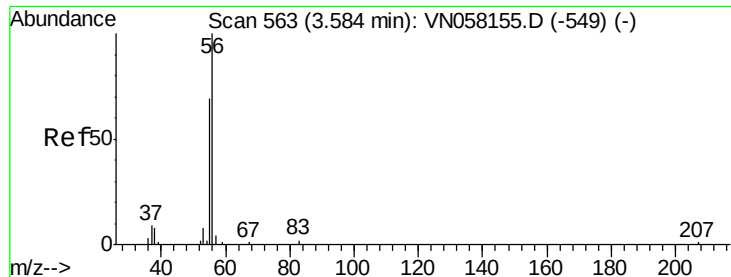


#12

1,1-Dichloroethene
 Concen: 44.660 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion: 96 Resp: 171478
 Ion Ratio Lower Upper
 96 100
 61 181.2 149.5 224.3
 98 60.4 52.4 78.6





#13

Acrolein

Concen: 339.293 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

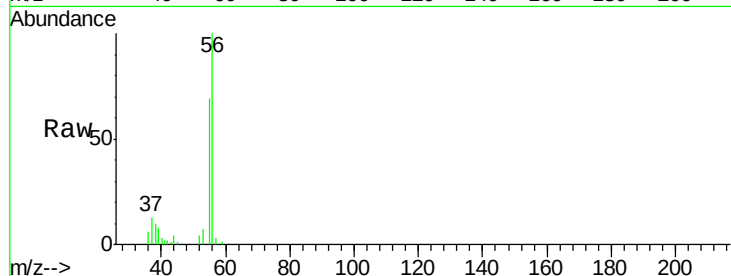
ICVFN091819

Tot Ion: 56 Resp: 46727

Ion Ratio Lower Upper

56 100

55 69.6 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

20000

15000

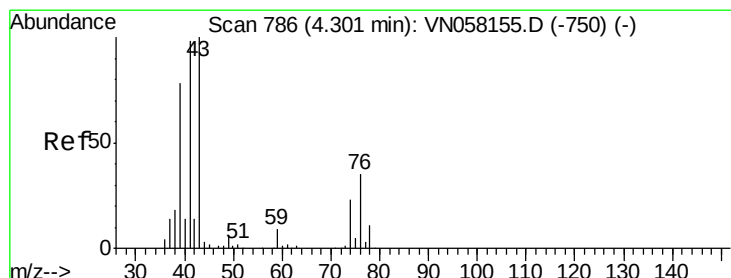
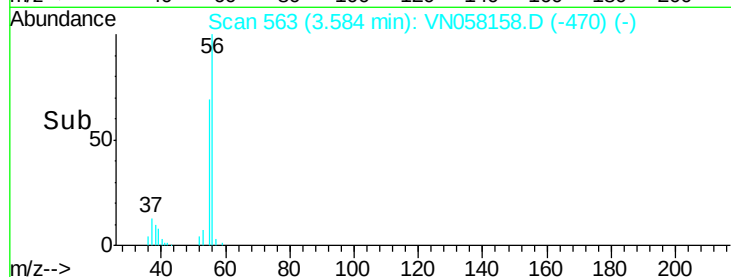
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 47.970 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

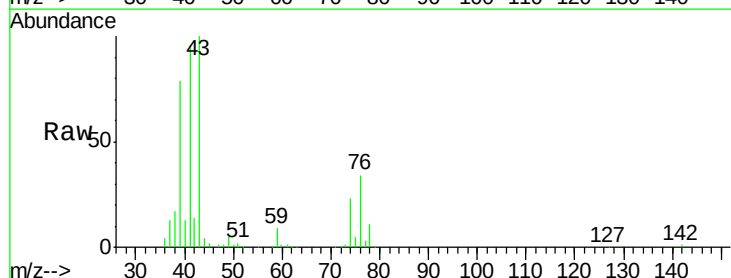
Tgt Ion: 41 Resp: 355939

Ion Ratio Lower Upper

41 100

39 74.7 59.1 88.7

76 31.7 25.1 37.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

150000

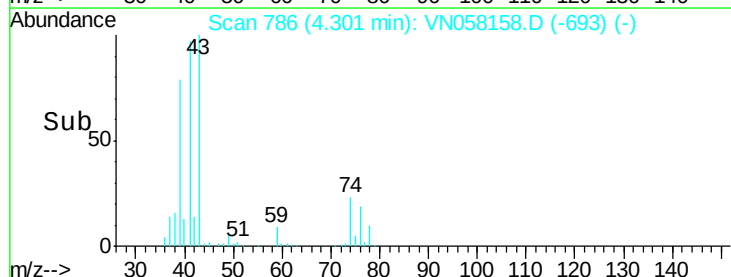
100000

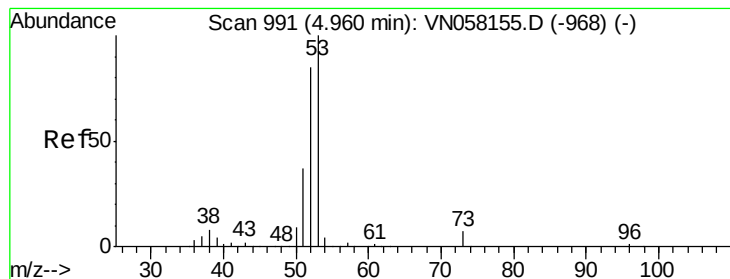
50000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 258.297 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091819

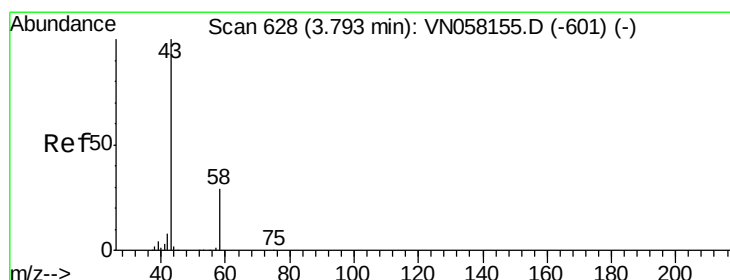
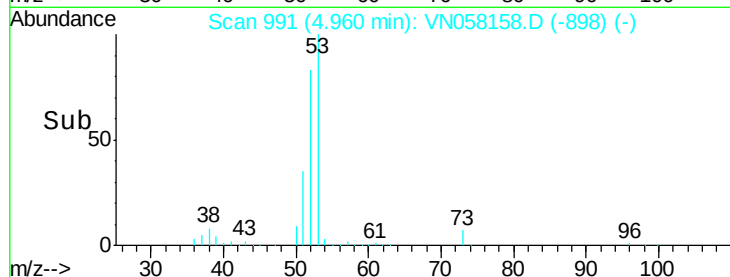
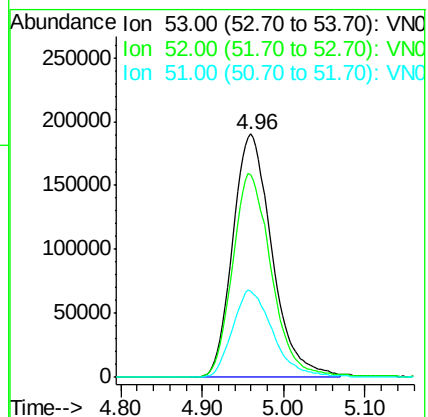
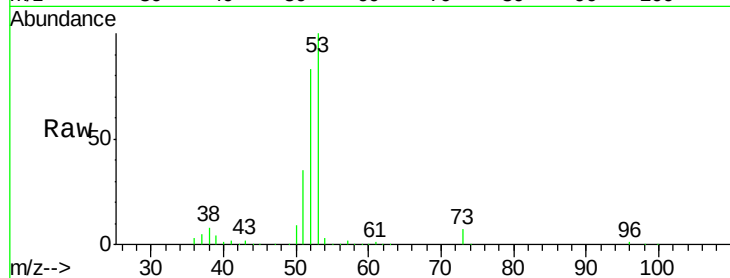
Tot Ion: 53 Resp: 639521

Ion Ratio Lower Upper

53 100

52 82.8 66.6 100.0

51 37.1 29.7 44.5



#16

Acetone

Concen: 249.845 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN058158.D

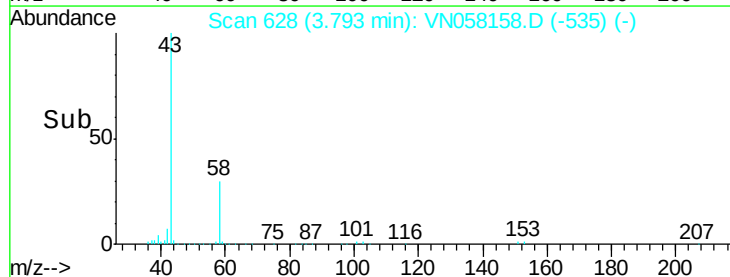
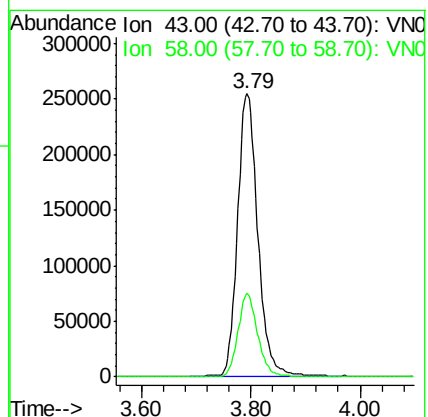
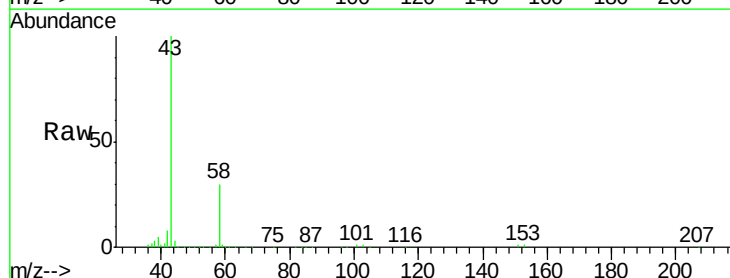
Acq: 18 Sep 2019 13:10

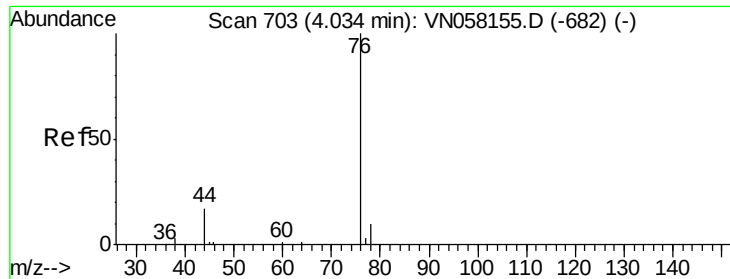
Tgt Ion: 43 Resp: 662547

Ion Ratio Lower Upper

43 100

58 29.6 23.4 35.2

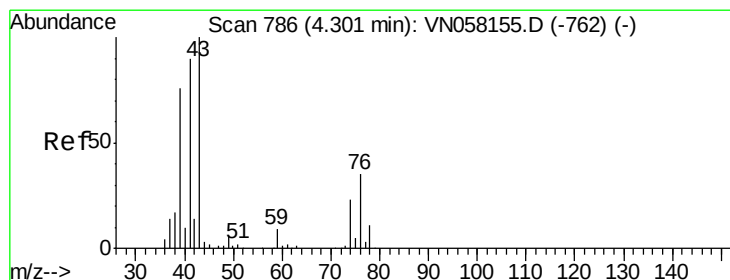
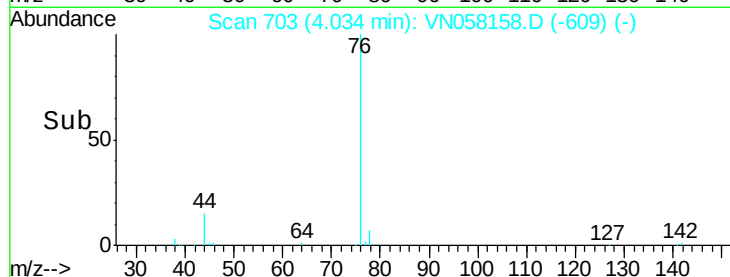
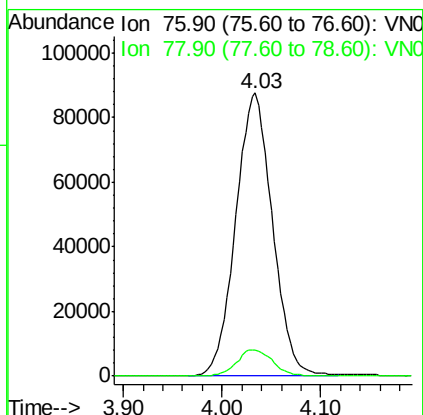
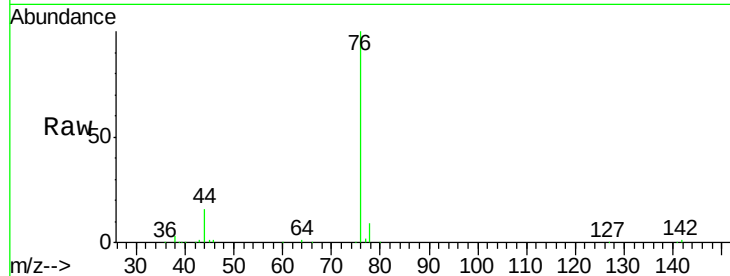




#17
Carbon Disulfide
Concen: 46.779 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

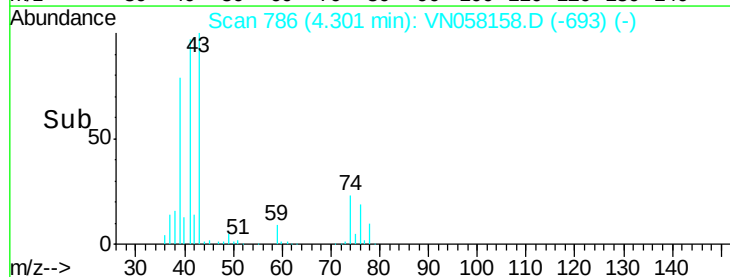
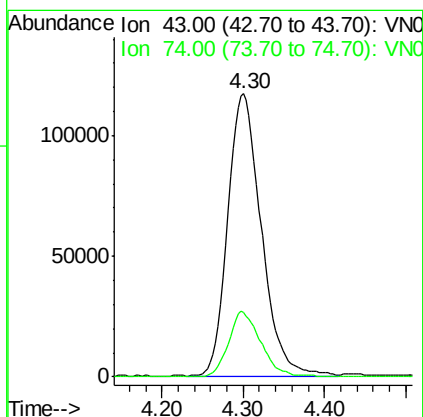
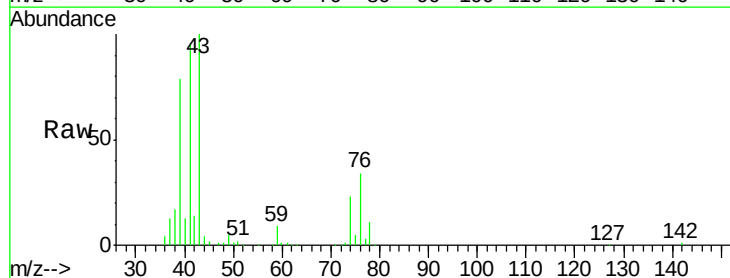
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

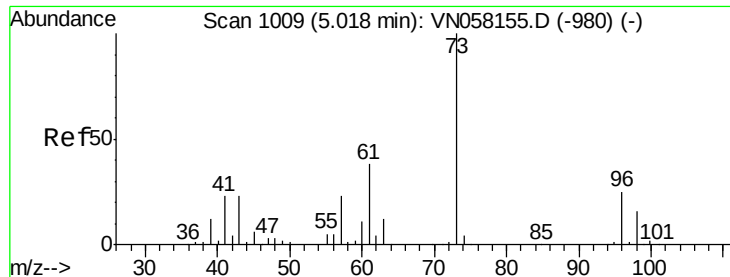
Tot Ion: 76 Resp: 226502
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#18
Methyl Acetate
Concen: 48.218 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion: 43 Resp: 336457
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0

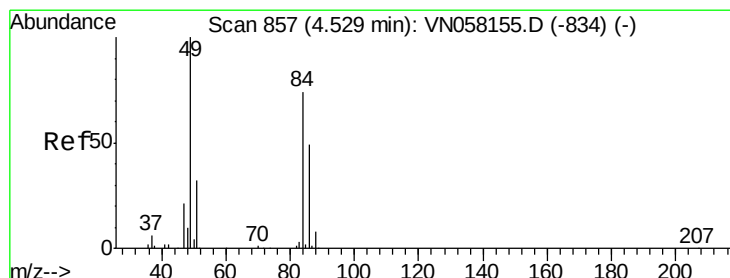
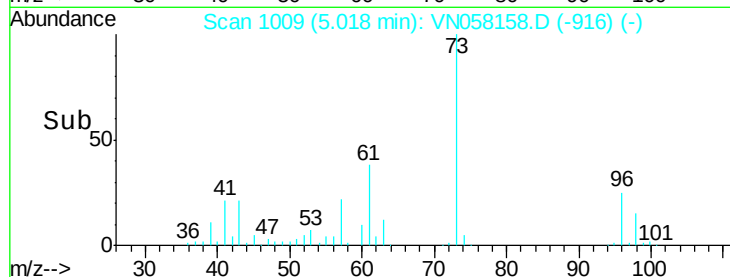
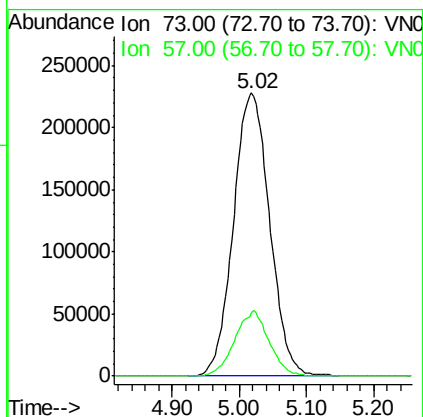
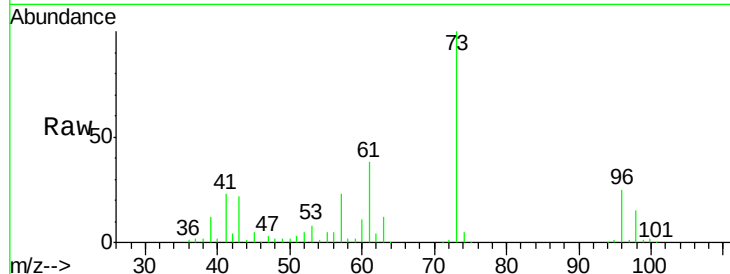




#19
Methvl tert-butvl Ether
Concen: 49.839 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

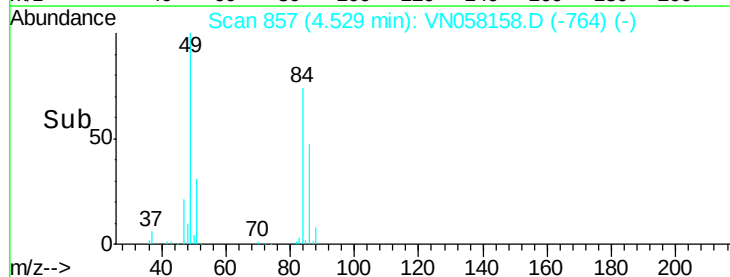
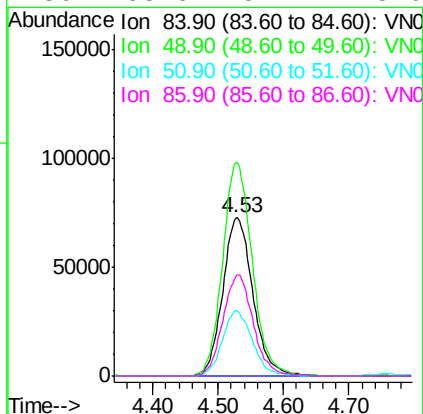
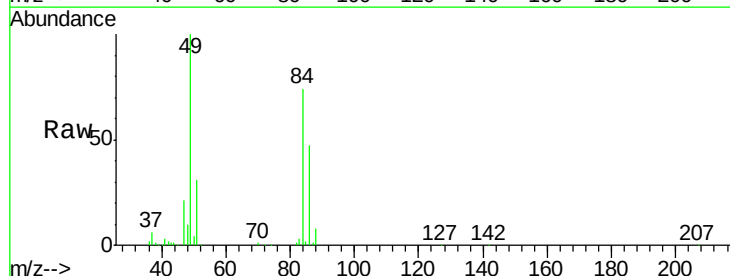
Instrument :
MSVOA_N
ClientSampled :
ICVFN091819

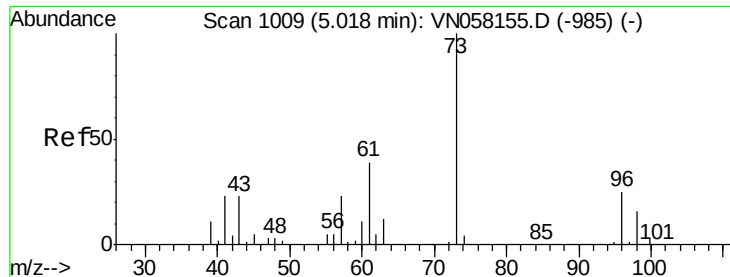
Tot Ion: 73 Resp: 852386
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1



#20
Methylene Chloride
Concen: 45.133 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion: 84 Resp: 232995
Ion Ratio Lower Upper
84 100
49 134.8 107.5 161.3
51 41.2 33.9 50.9
86 63.6 52.4 78.6

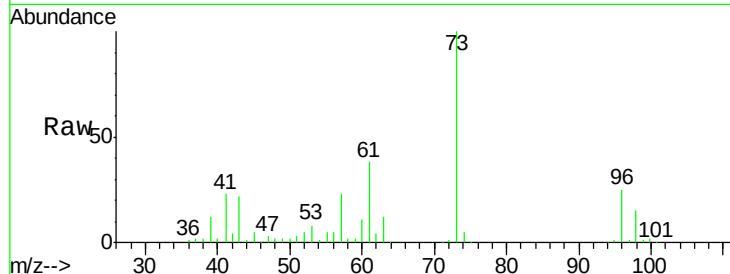




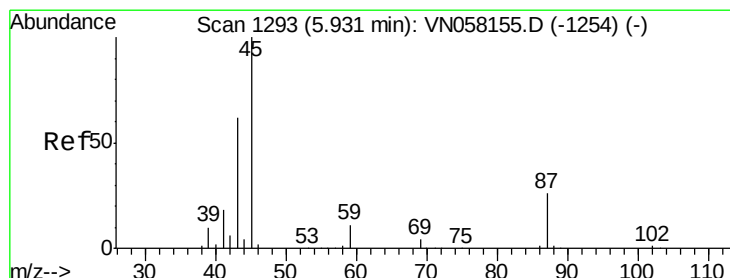
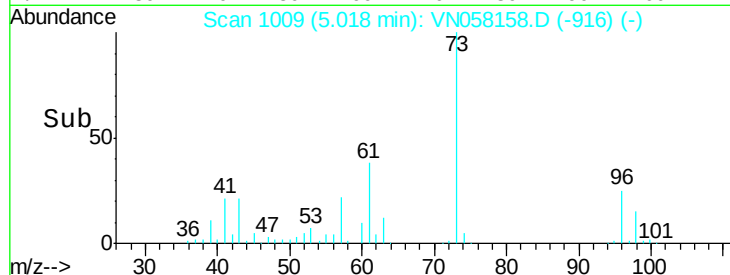
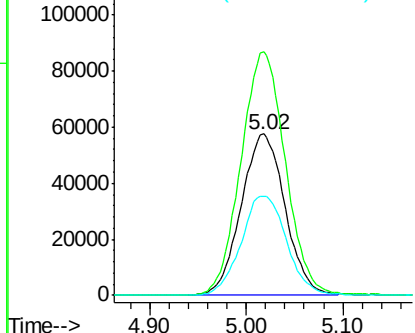
#21
trans-1,2-Dichloroethene
Concen: 43.750 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

Tot Ion: 96 Resp: 181857
Ion Ratio Lower Upper
96 100
61 151.1 122.2 183.4
98 61.2 49.9 74.9

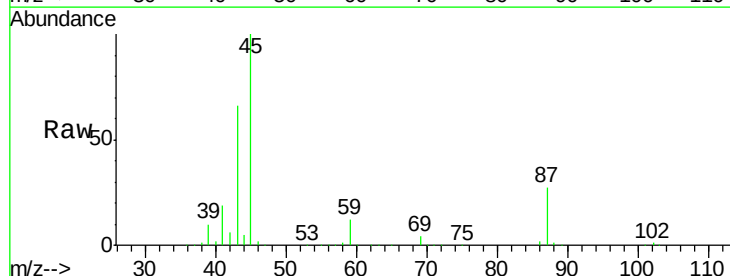


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

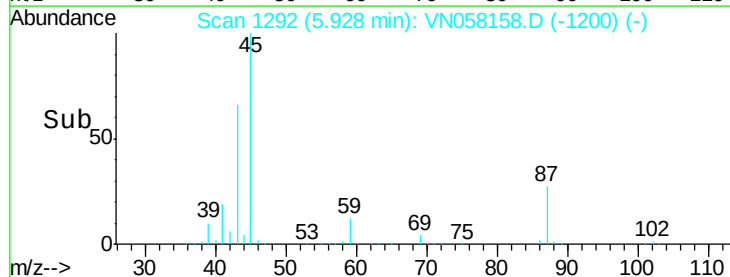
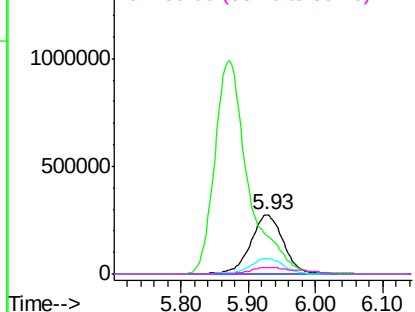


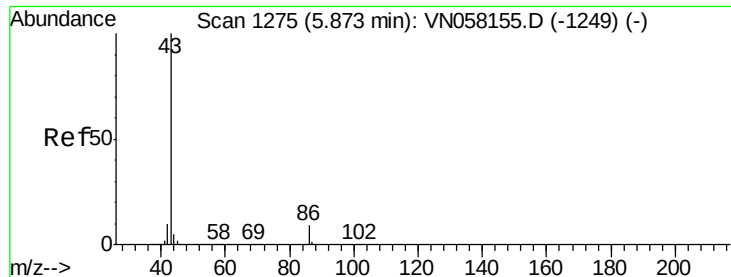
#22
Diisopropyl ether
Concen: 49.162 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion: 45 Resp: 926623
Ion Ratio Lower Upper
45 100
43 65.0 49.7 74.5
87 26.7 20.7 31.1
59 11.4 9.1 13.7



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: 266.867 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampled :

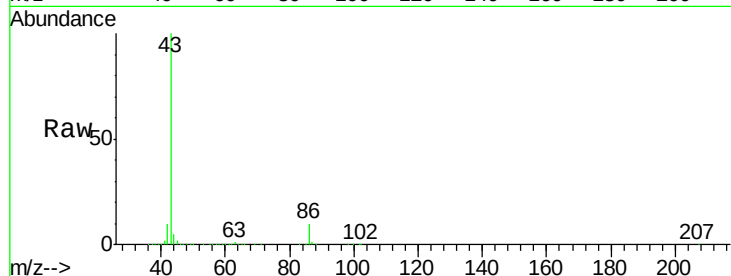
ICVVN091819

Tot Ion: 43 Resp: 3441813

Ion Ratio Lower Upper

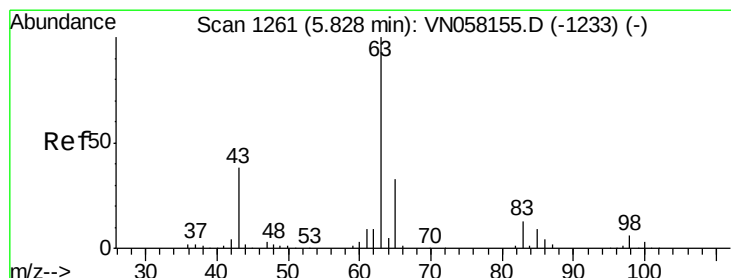
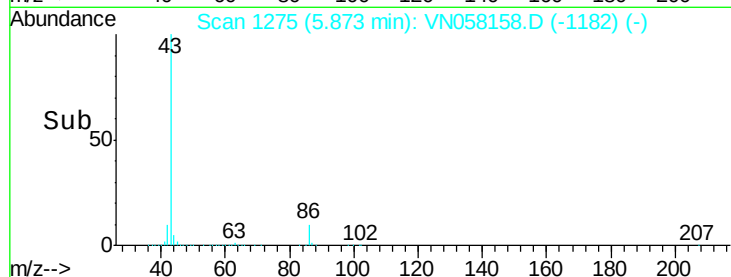
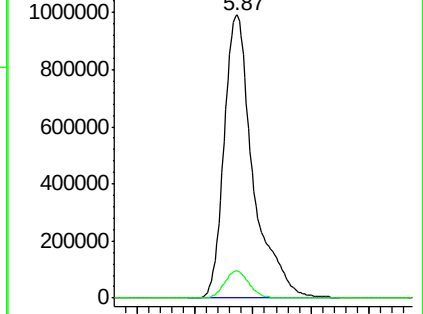
43 100

86 9.7 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.734 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

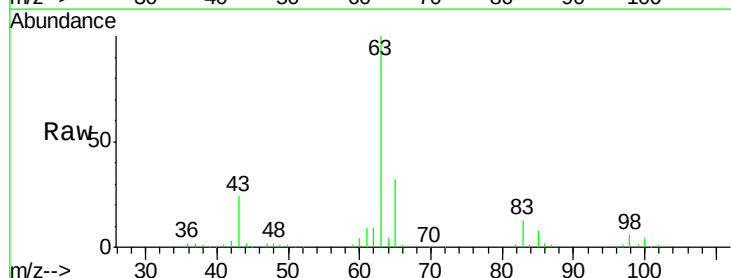
Tgt Ion: 63 Resp: 480192

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.6

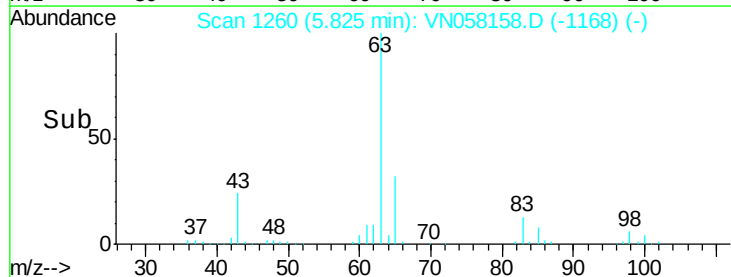
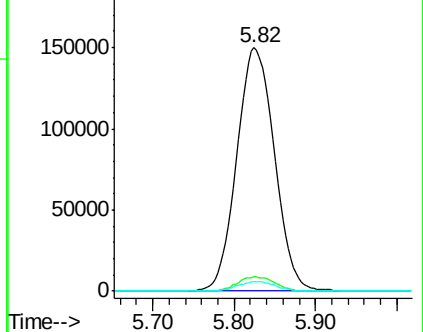
100 3.8 1.8 5.3

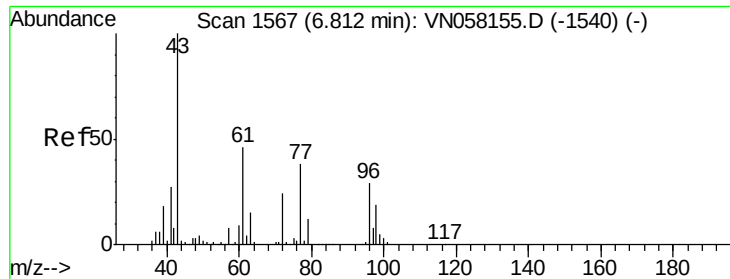


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 260.542 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

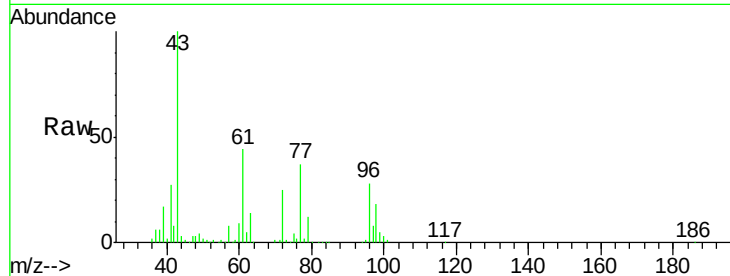
ICVFN091819

Tot Ion: 43 Resp: 941287

Ion Ratio Lower Upper

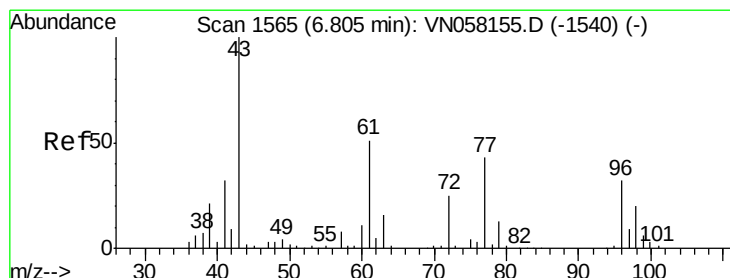
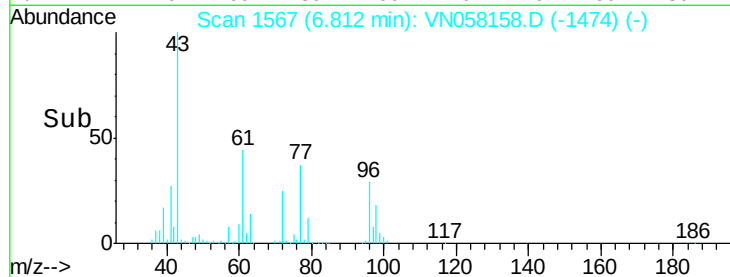
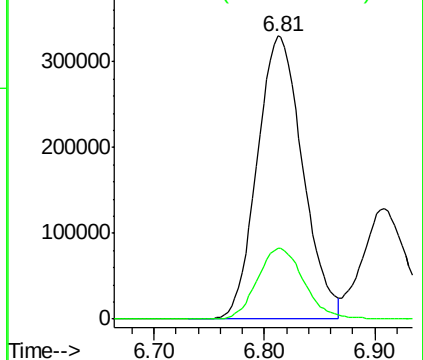
43 100

72 25.1 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 48.344 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058158.D

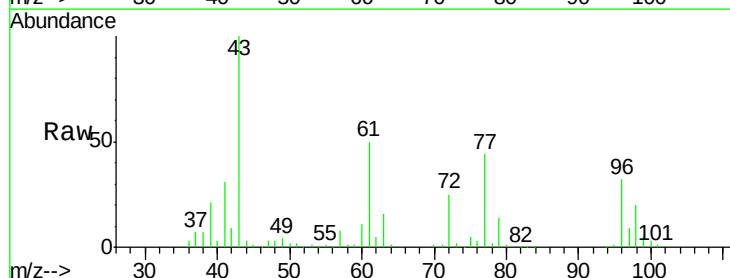
Acq: 18 Sep 2019 13:10

Tgt Ion: 77 Resp: 412585

Ion Ratio Lower Upper

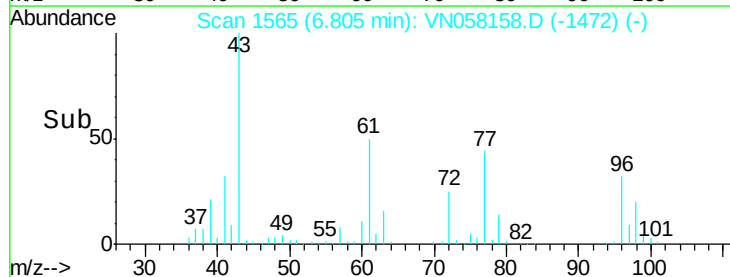
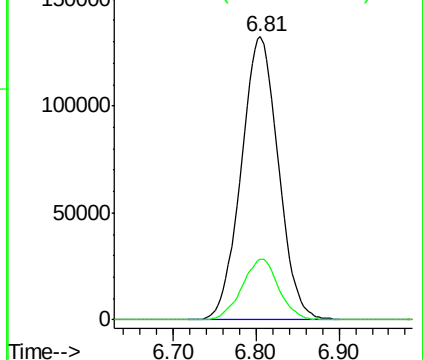
77 100

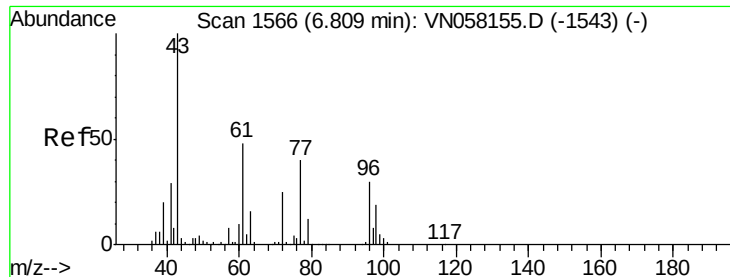
97 21.3 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

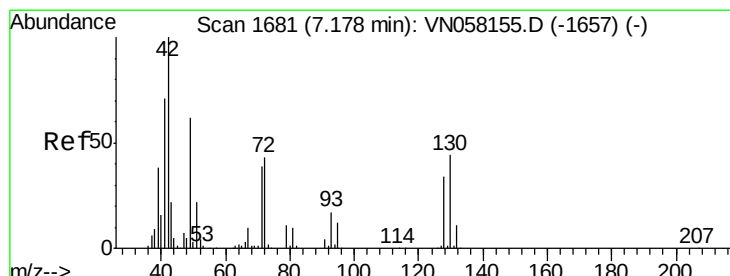
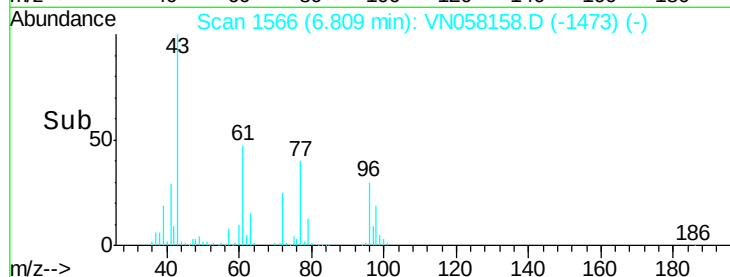
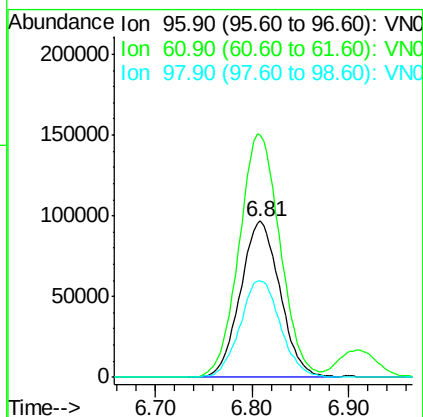
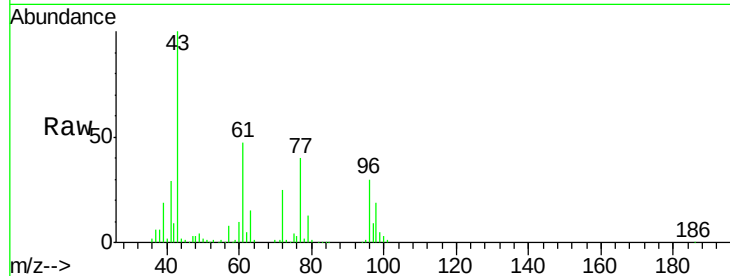




#27
 cis-1,2-Dichloroethene
 Concen: 48.446 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

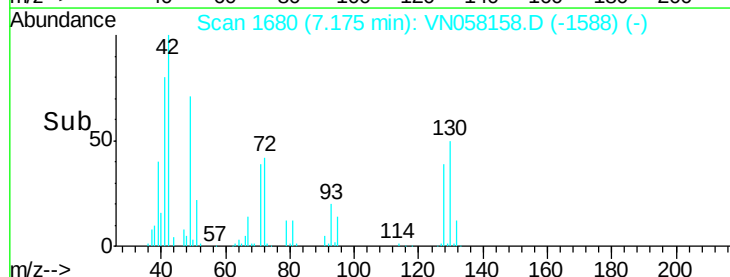
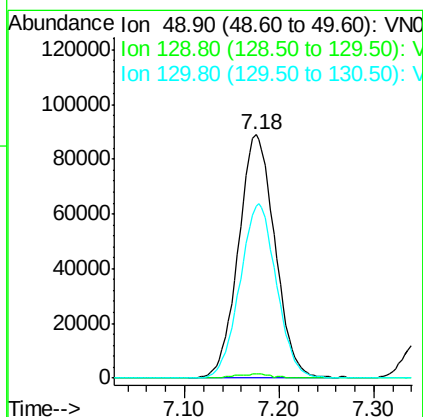
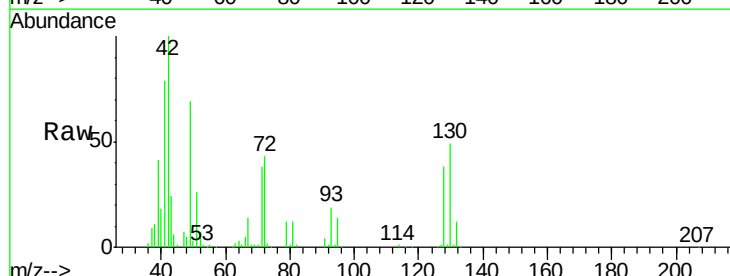
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

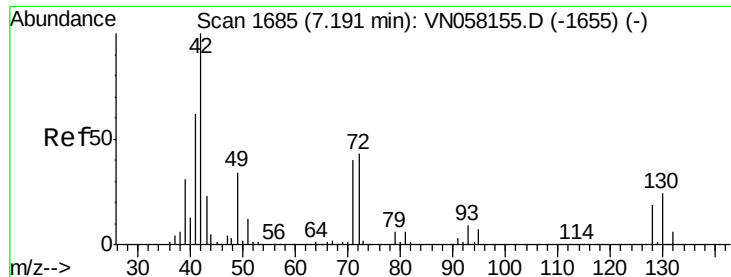
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.5	0.0	319.0
98	63.2	0.0	126.6



#28
 Bromochloromethane
 Concen: 50.045 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	1.8
130	71.8	55.4	83.2

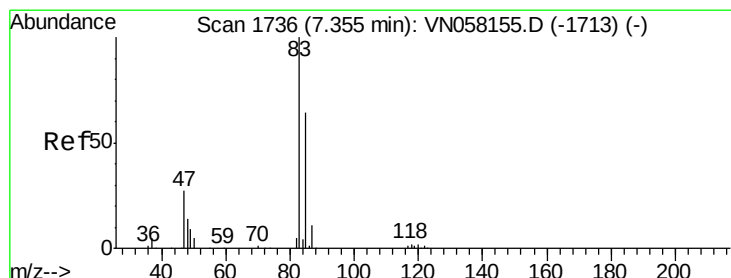
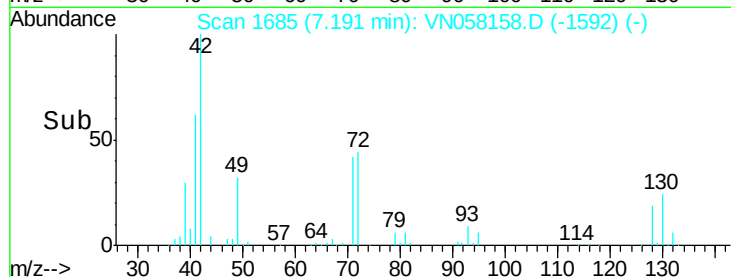
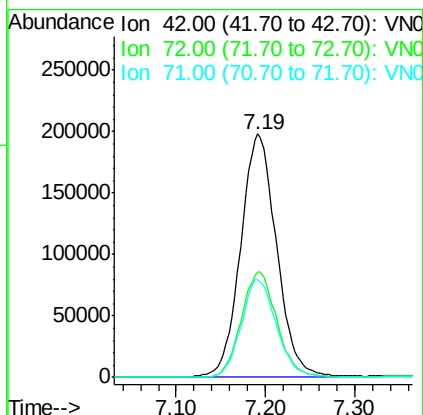
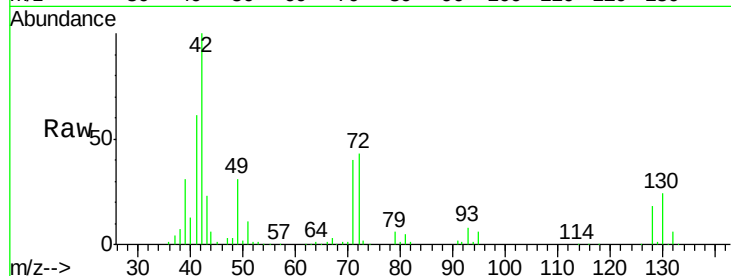




#29
Tetrahydrofuran
Concen: 247.849 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

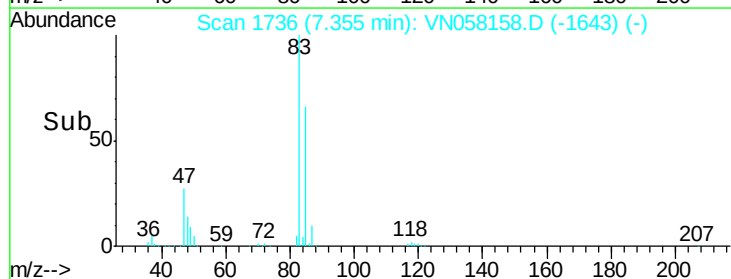
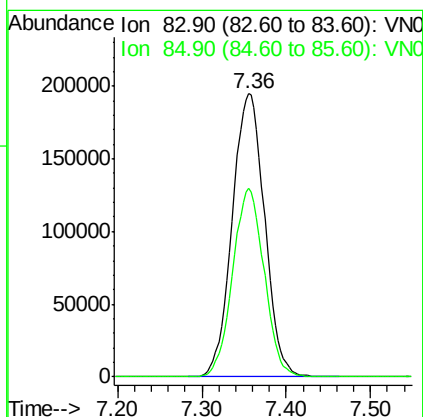
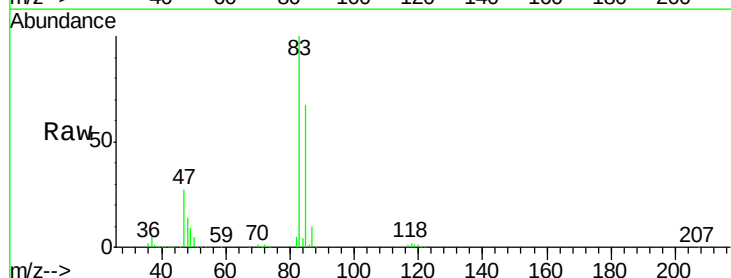
Instrument :
MSVOA_N
ClientSampled :
ICVVN091819

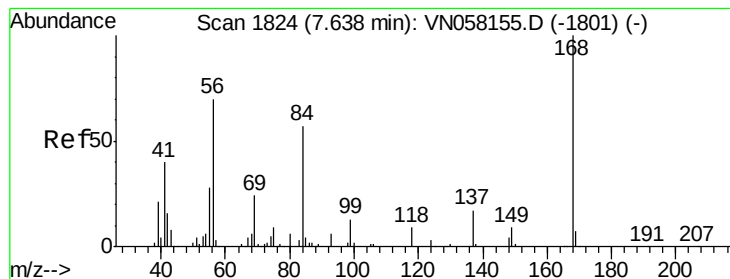
Tot Ion: 42 Resp: 551560
Ion Ratio Lower Upper
42 100
72 43.0 33.8 50.6
71 39.8 31.4 47.0



#30
Chloroform
Concen: 48.062 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion: 83 Resp: 520436
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.2





#31

Cyclohexane

Concen: 48.933 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampled :

ICVVN091819

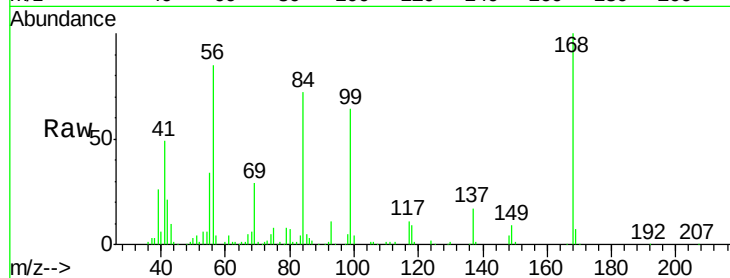
Tot Ion: 56 Resp: 318527

Ion Ratio Lower Upper

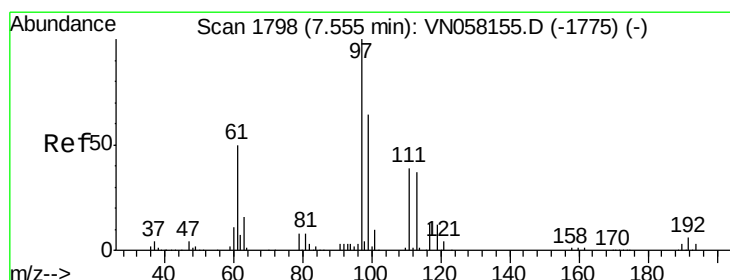
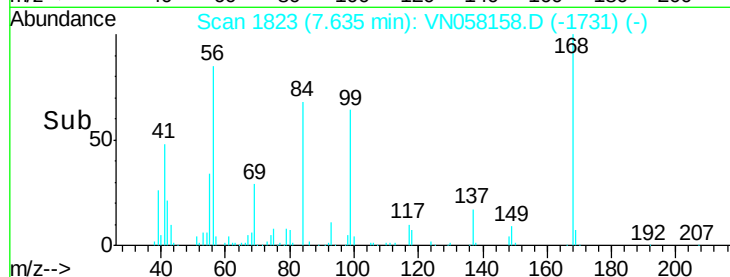
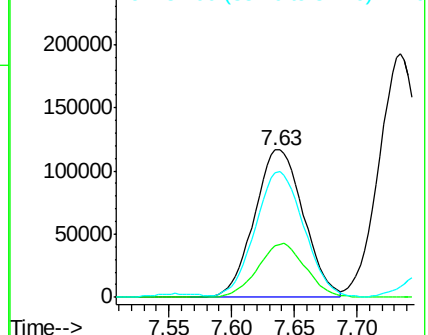
56 100

69 34.7 27.3 40.9

84 83.0 65.0 97.4



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: 50.378 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

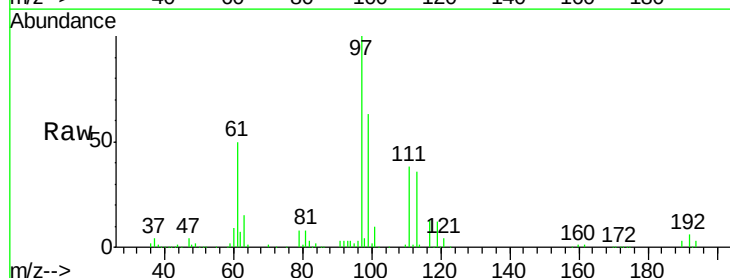
Tgt Ion: 97 Resp: 415290

Ion Ratio Lower Upper

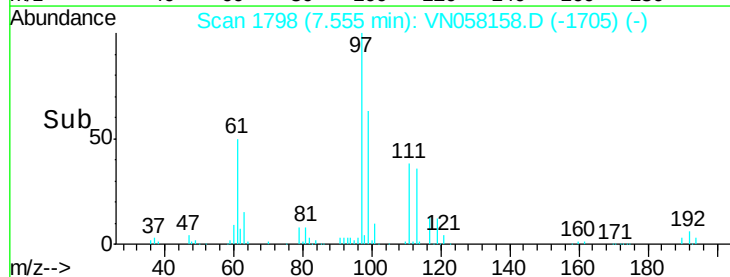
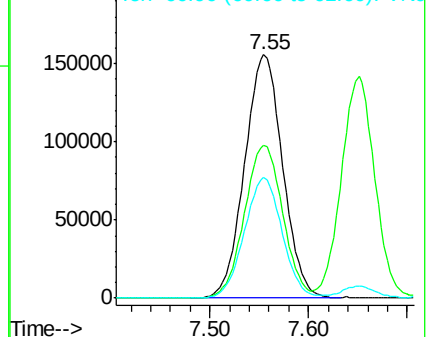
97 100

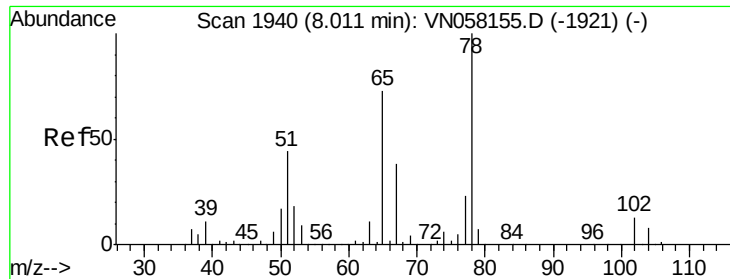
99 63.1 50.9 76.3

61 49.1 39.2 58.8



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

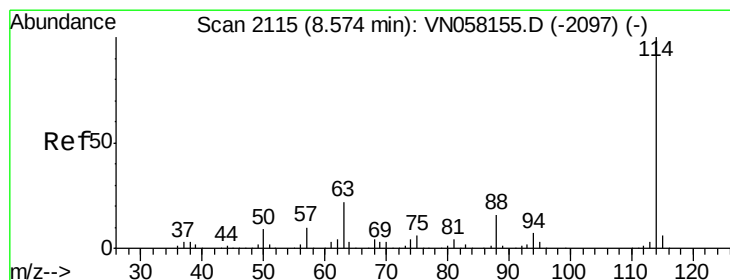
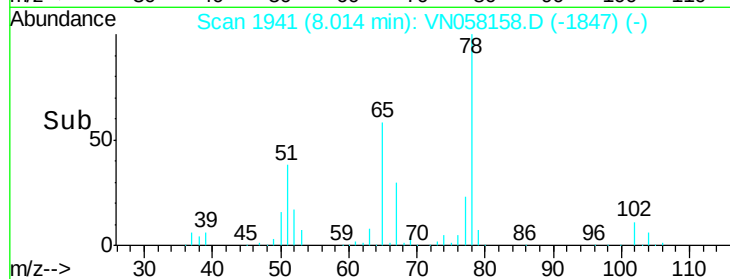
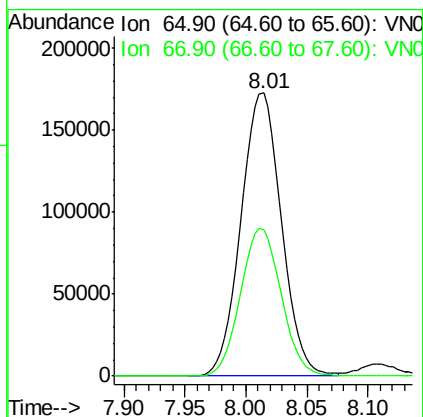
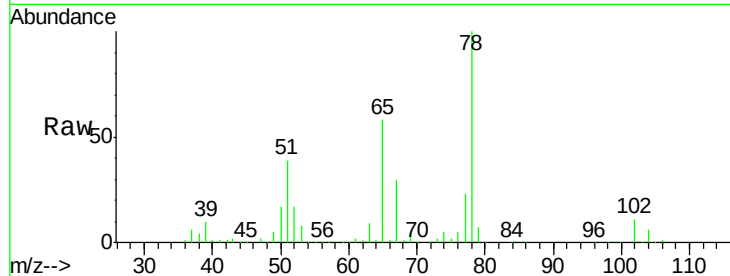




#33
 1,2-Dichloroethane-d4
 Concen: 50.775 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

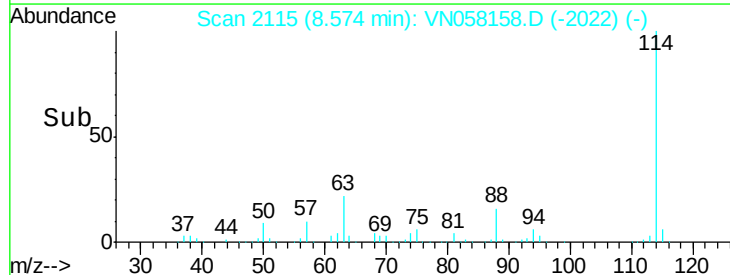
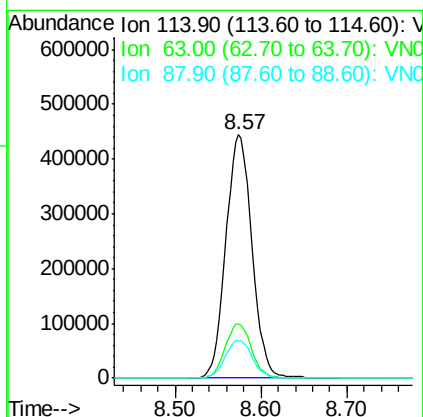
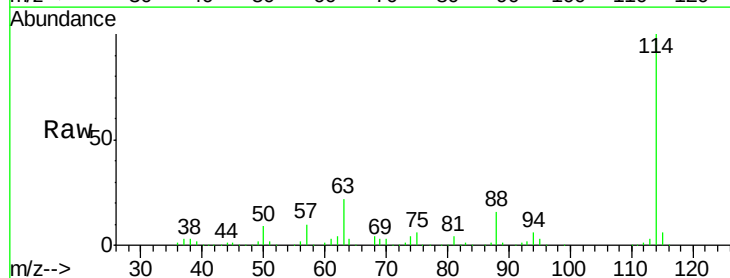
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

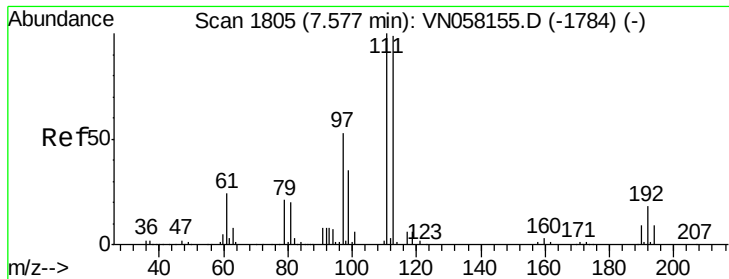
Tot Ion: 65 Resp: 396675
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion: 114 Resp: 936122
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.2
 88 15.5 0.0 31.6

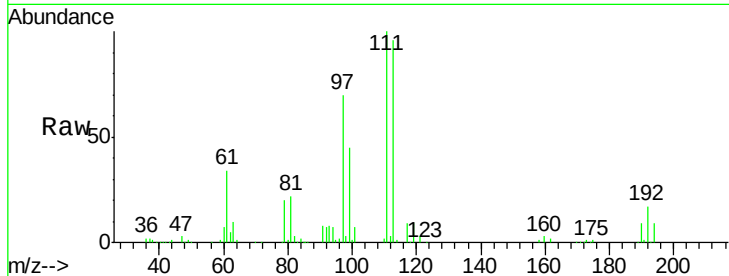




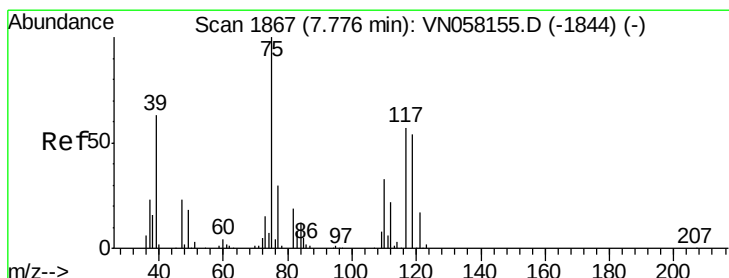
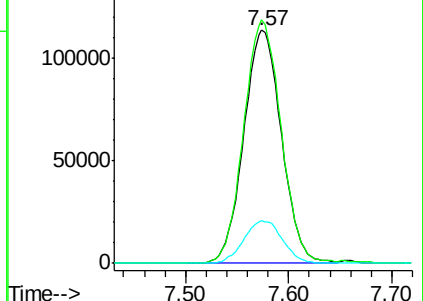
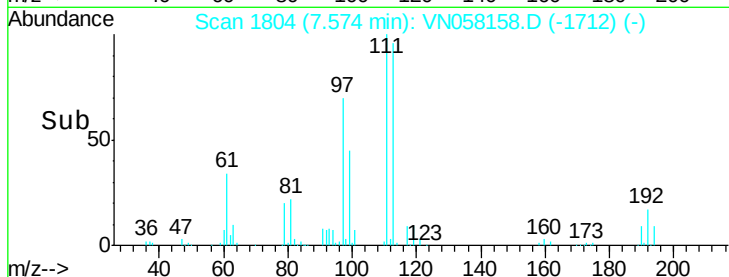
#35
 Dibromofluoromethane
 Concen: 50.719 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.6
192	18.7	14.5	21.7

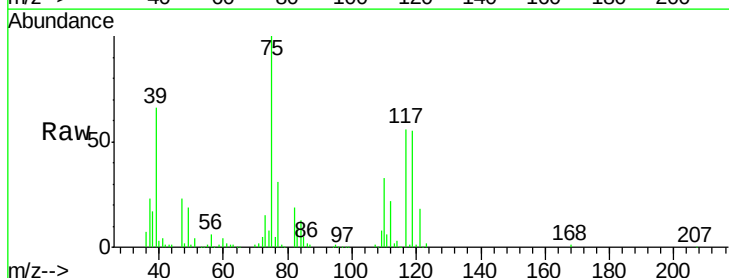


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

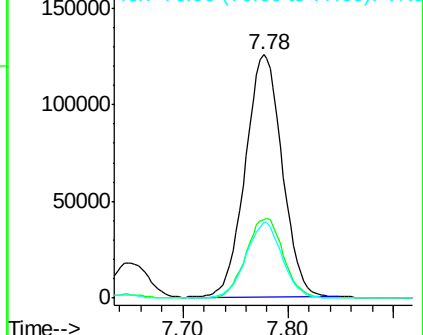
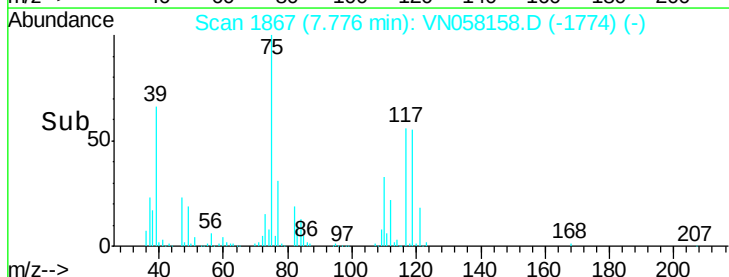


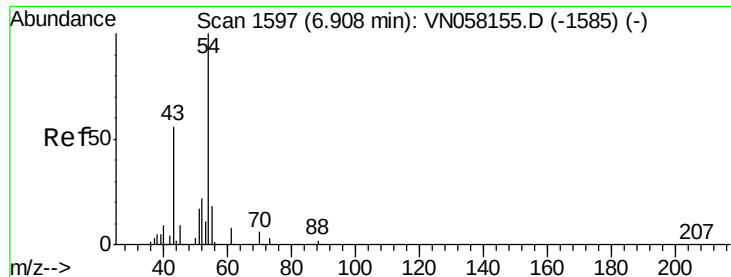
#36
 1,1-Dichloropropene
 Concen: 45.346 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.6	49.7
77	30.9	24.3	36.5



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

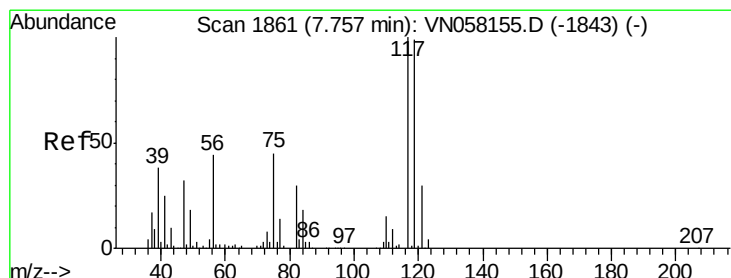
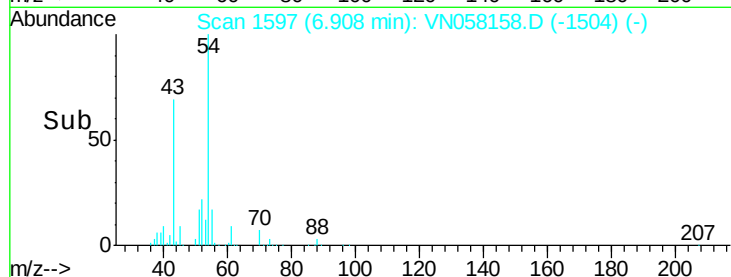
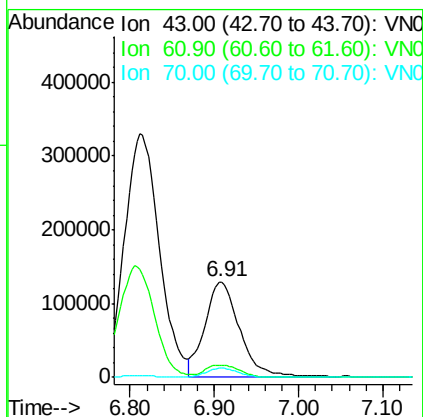
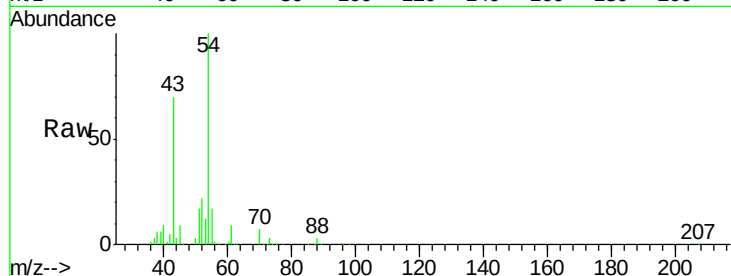




#37
Ethyl Acetate
Concen: 52.103 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

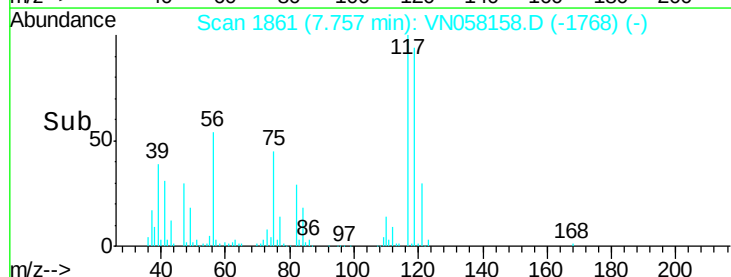
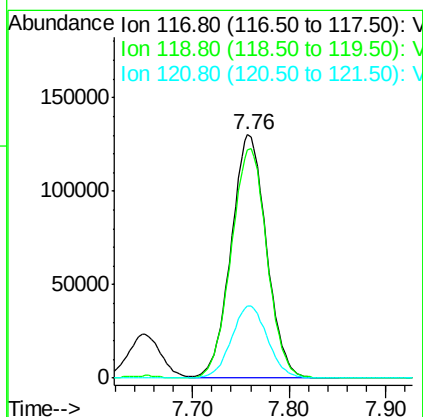
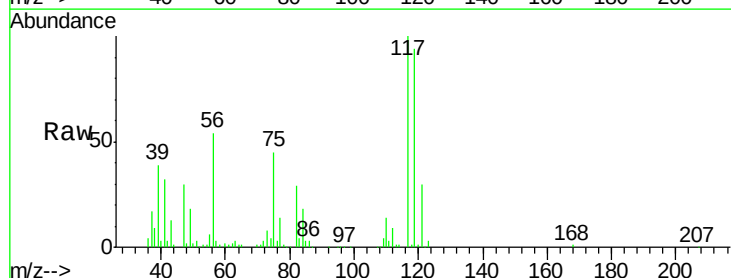
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

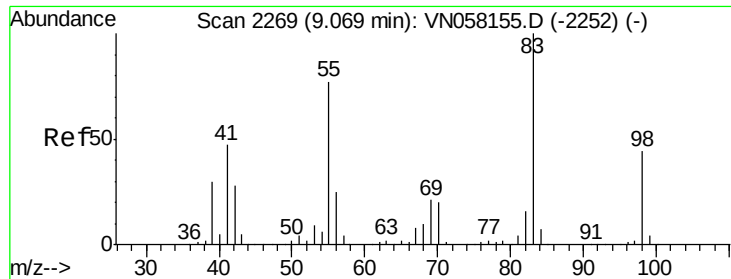
Tot Ion: 43 Resp: 365030
Ion Ratio Lower Upper
43 100
61 12.8 10.7 16.1
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 48.722 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion: 117 Resp: 330635
Ion Ratio Lower Upper
117 100
119 93.4 78.6 117.8
121 29.8 24.1 36.1

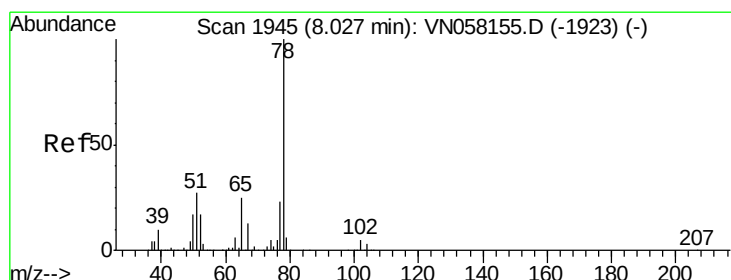
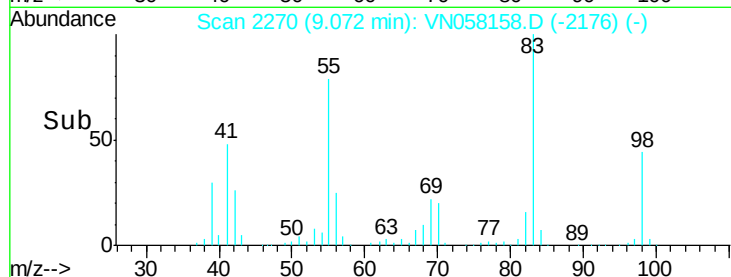
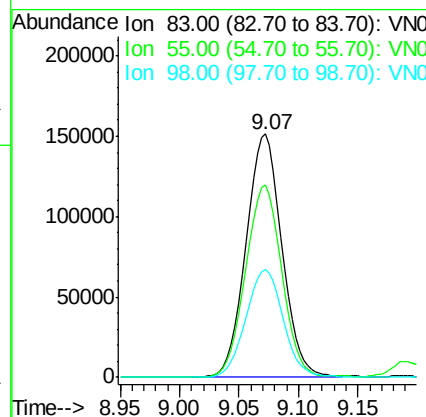
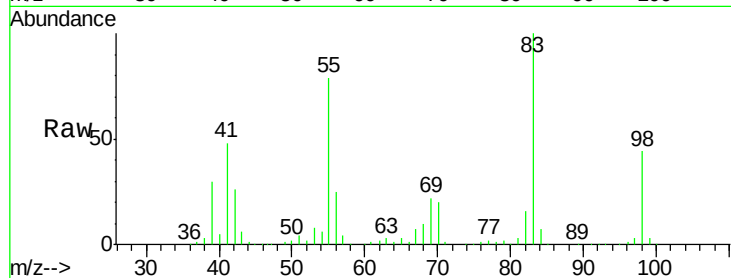




#39
Methylvlcyclohexane
Concen: 44.531 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

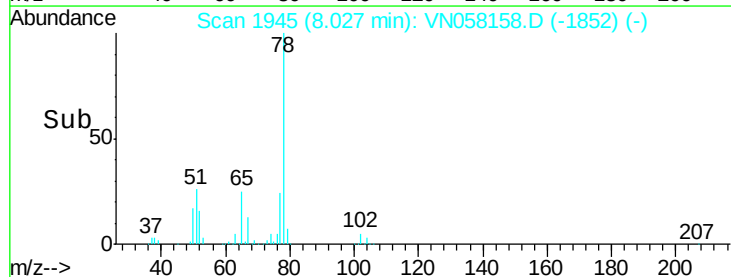
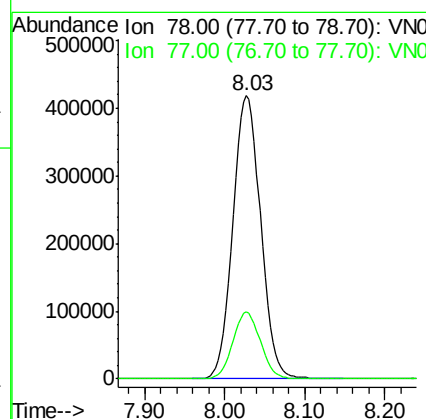
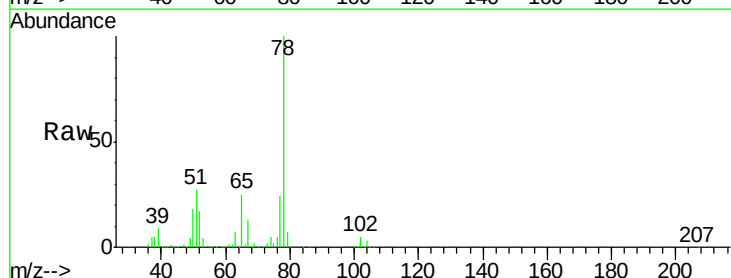
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

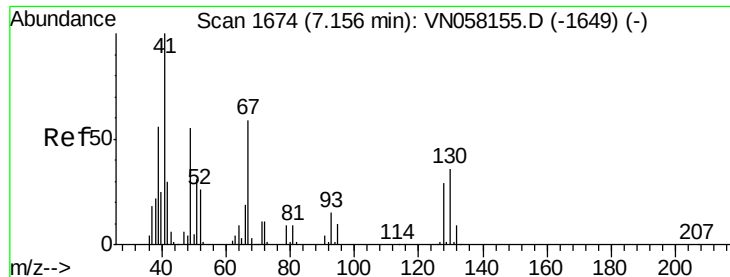
Tot Ion	83.00	Resp	317008
Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.9	92.9
98	44.1	35.4	53.2



#40
Benzene
Concen: 48.061 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion	78.00	Resp	990992
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

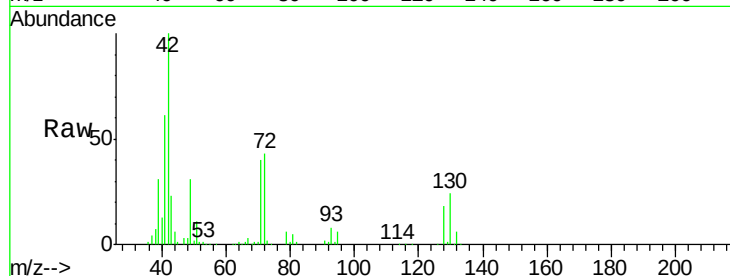




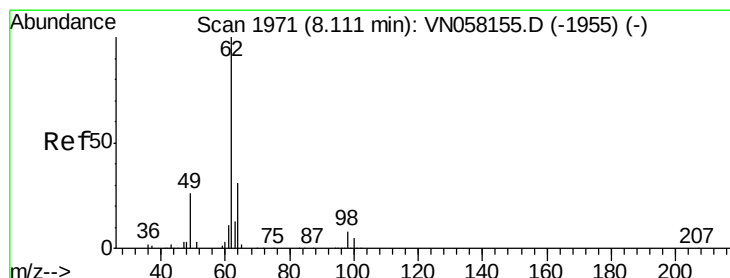
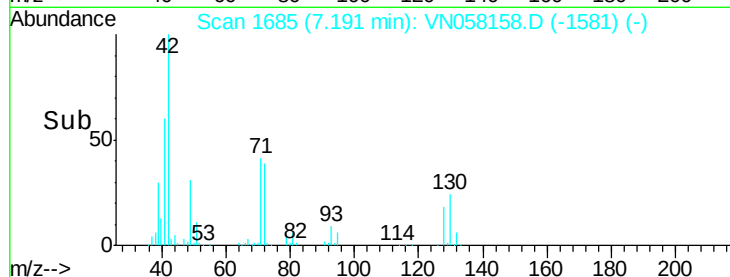
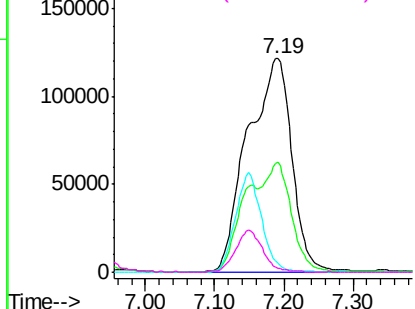
#41
Methacrylonitrile
Concen: 158.462 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

Tot Ion:	41	Resp:	536386
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

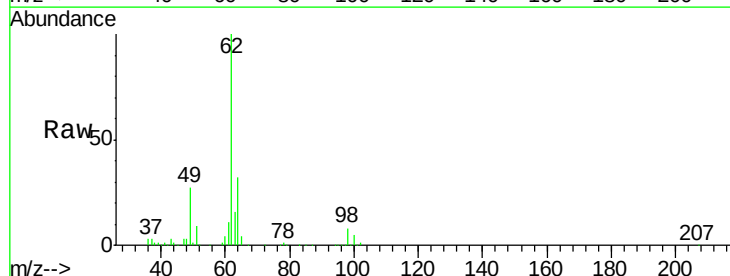


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

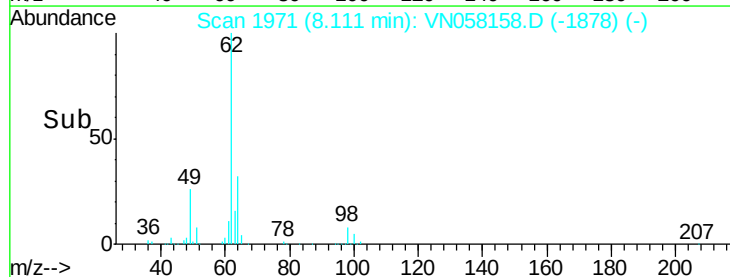
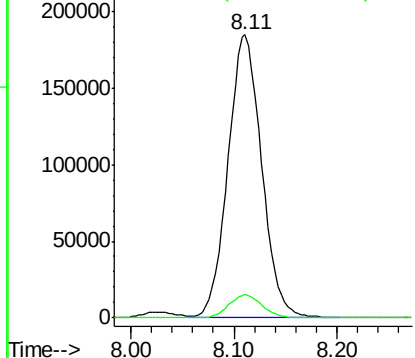


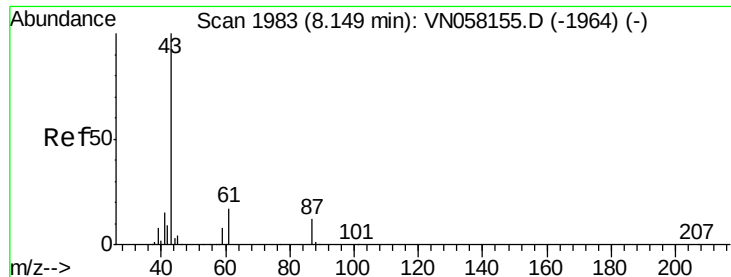
#42
1,2-Dichloroethane
Concen: 48.353 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion:	62	Resp:	418355
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 49.590 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091819

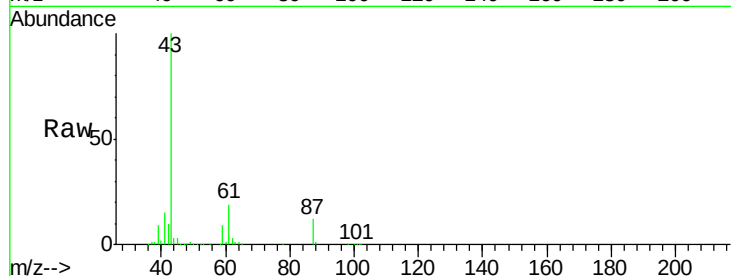
Tot Ion: 43 Resp: 648847

Ion Ratio Lower Upper

43 100

61 25.0 19.7 29.5

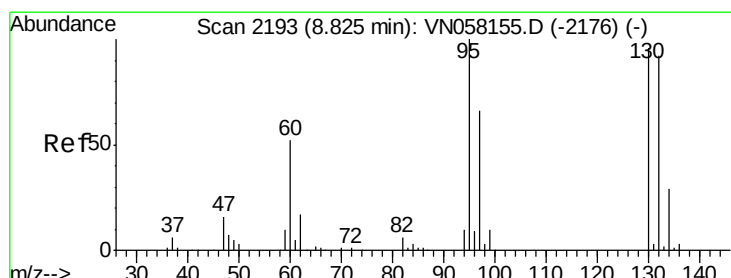
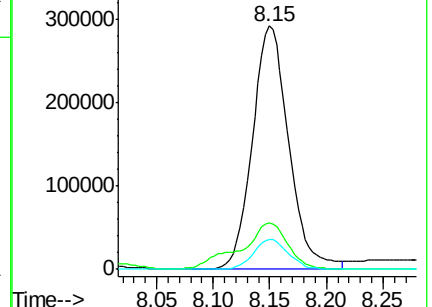
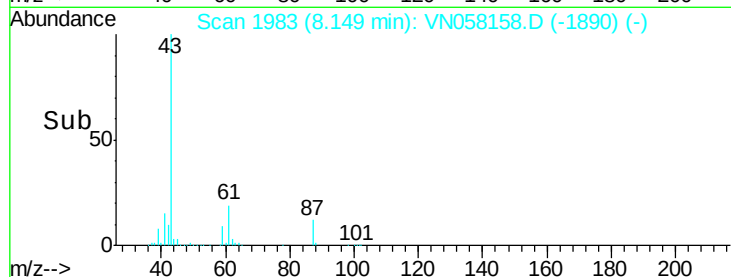
87 12.0 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN058158.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058158.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058158.D (-1890) (-)



#44

Trichloroethene

Concen: 48.068 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058158.D

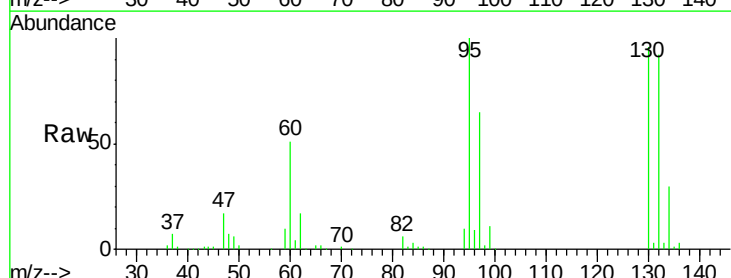
Acq: 18 Sep 2019 13:10

Tgt Ion: 130 Resp: 242544

Ion Ratio Lower Upper

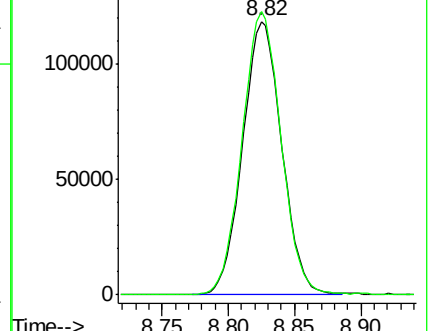
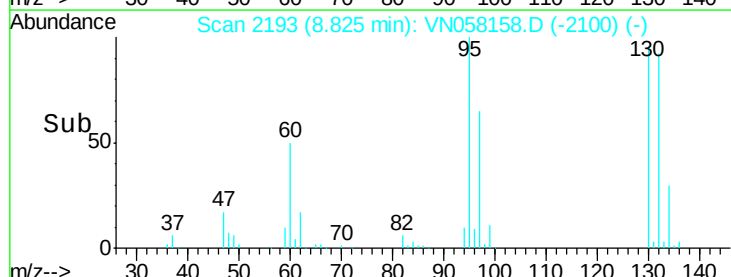
130 100

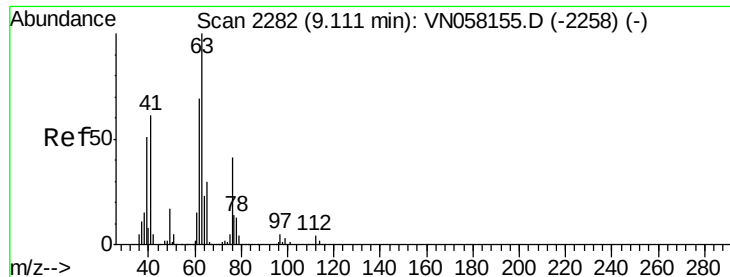
95 103.5 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VN058158.D (-2100) (-)

Ion 94.90 (94.60 to 95.60): VN058158.D (-2100) (-)





#45

1,2-Dichloropropane

Concen: 50.088 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. -0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

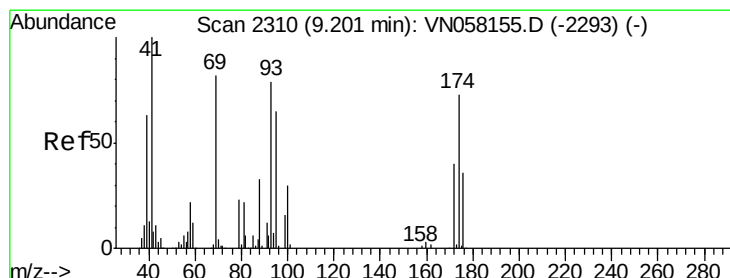
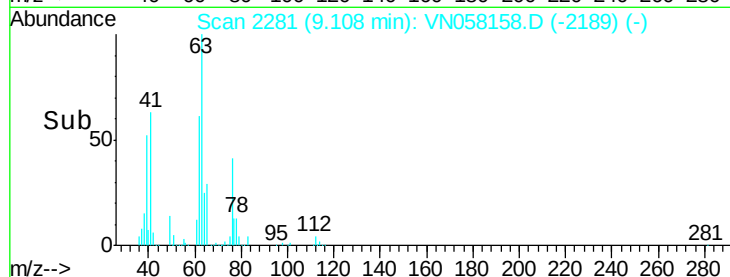
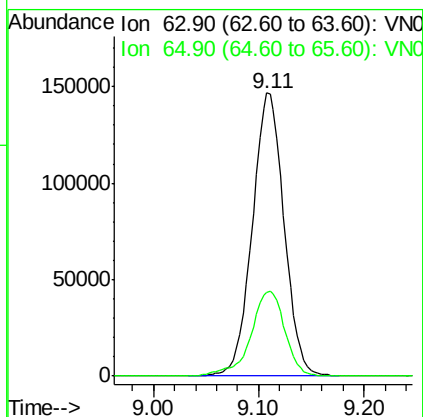
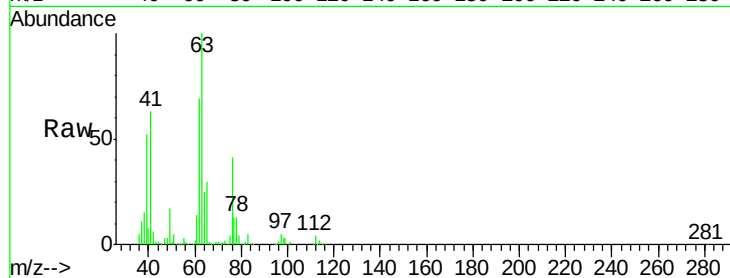
ICVVN091819

Tot Ion: 63 Resp: 308426

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.6



#46

Dibromomethane

Concen: 49.243 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

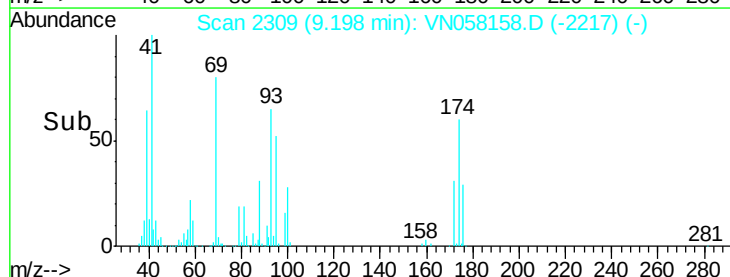
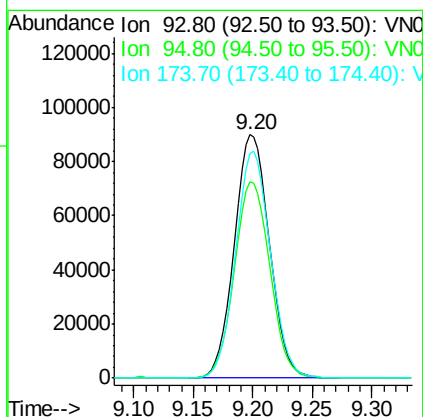
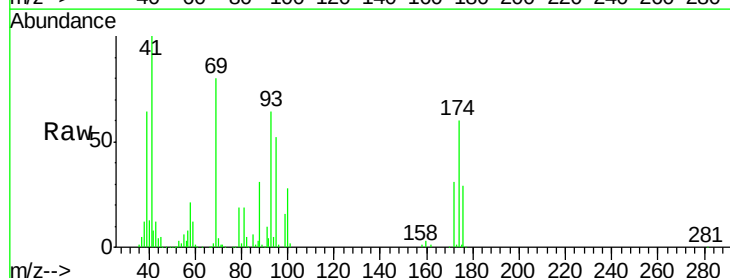
Tgt Ion: 93 Resp: 184356

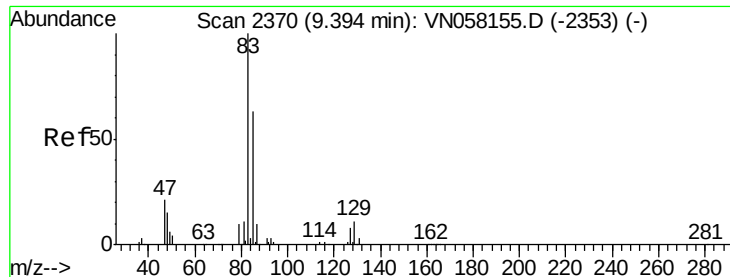
Ion Ratio Lower Upper

93 100

95 81.7 66.8 100.2

174 92.6 73.8 110.8





#47

Bromodichloromethane

Concen: 51.831 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091819

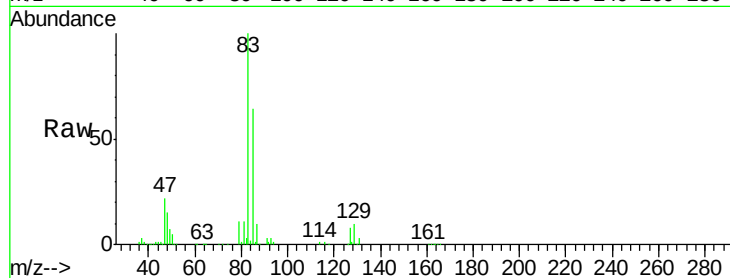
Tot Ion: 83 Resp: 406515

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

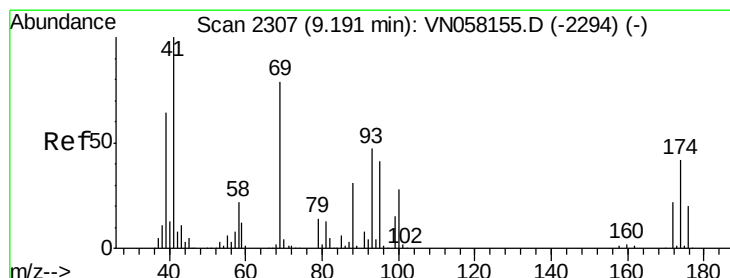
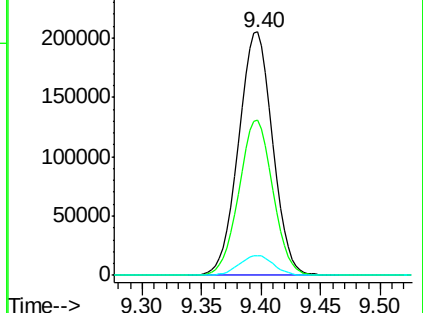
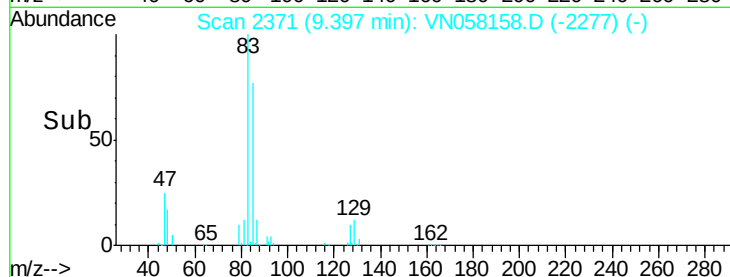
127 8.3 6.4 9.6



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: 52.765 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

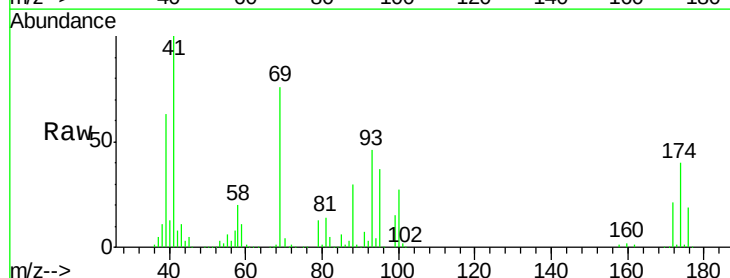
Tgt Ion: 41 Resp: 313466

Ion Ratio Lower Upper

41 100

69 77.3 62.5 93.7

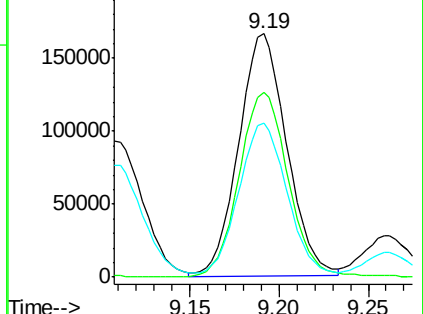
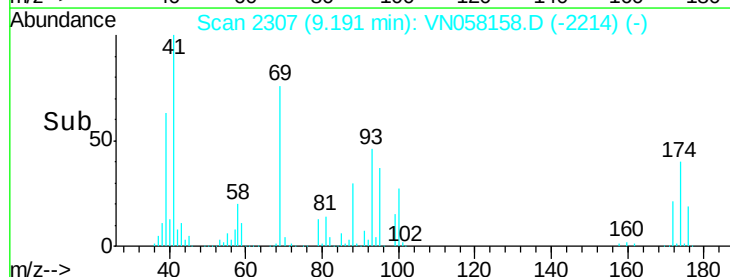
39 64.0 52.3 78.5

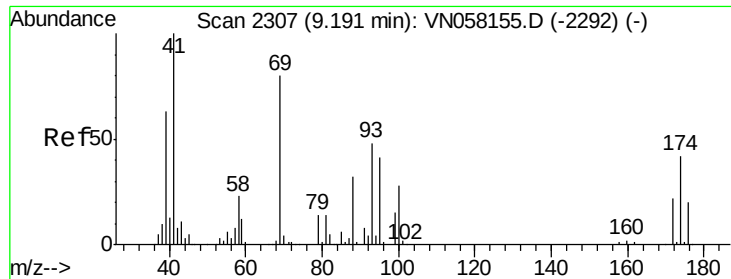


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

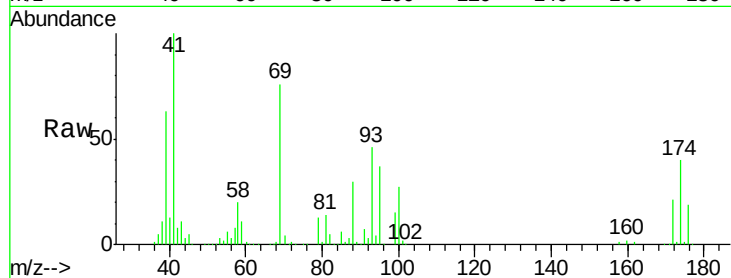




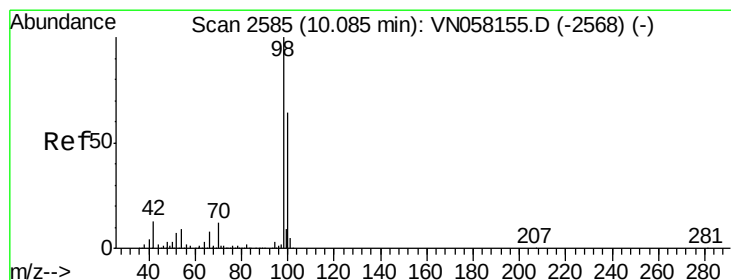
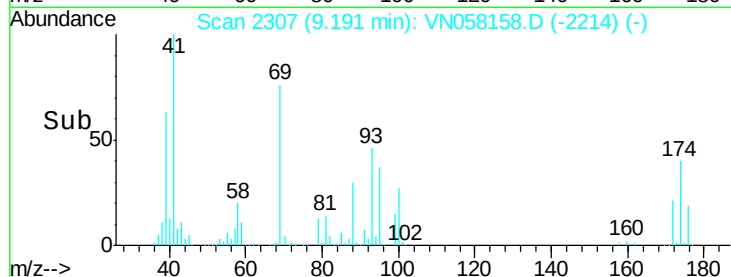
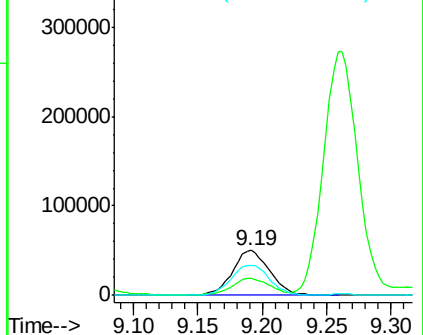
#49
1,4-Dioxane
Concen: 1029.890 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

Tot Ion: 88 Resp: 100452
Ion Ratio Lower Upper
88 100
43 35.9 27.8 41.8
58 69.4 55.0 82.4

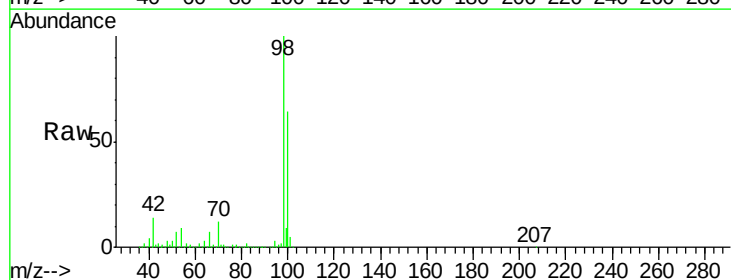


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

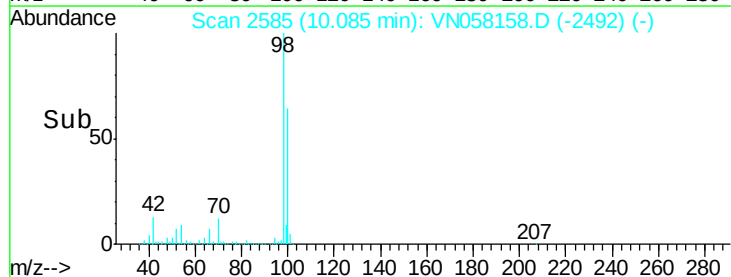
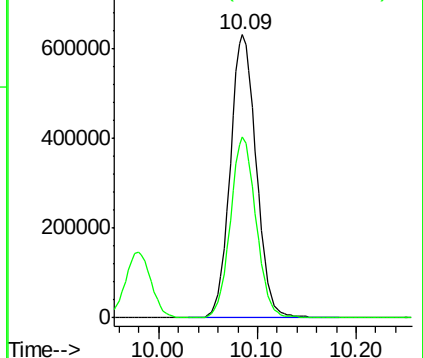


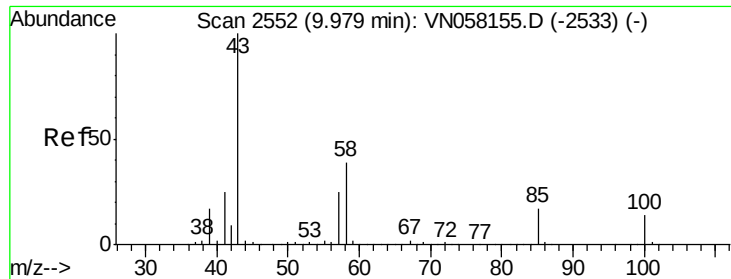
#50
Toluene-d8
Concen: 52.290 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion: 98 Resp: 1159419
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 284.098 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

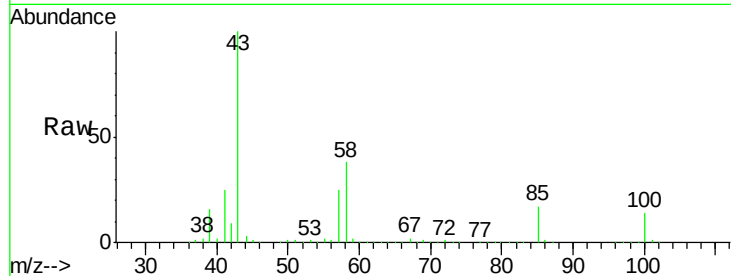
ICVVN091819

Tot Ion: 43 Resp: 1974416

Ion Ratio Lower Upper

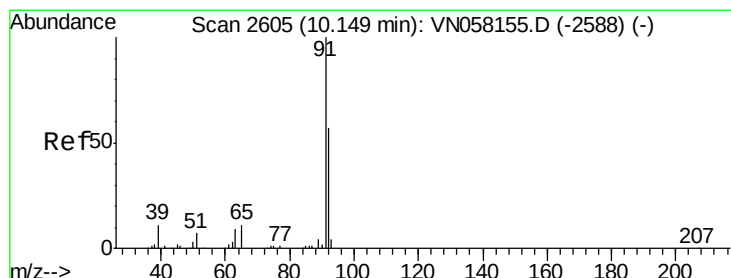
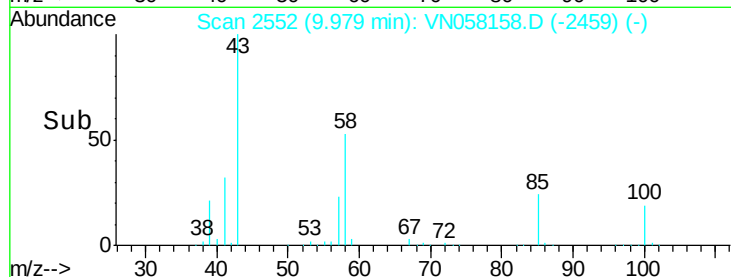
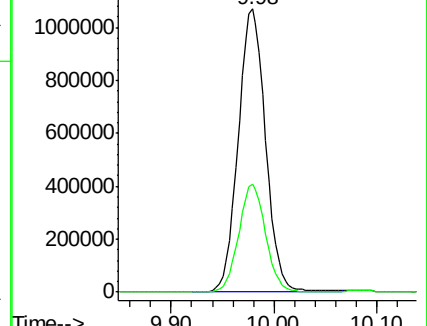
43 100

58 37.6 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.108 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058158.D

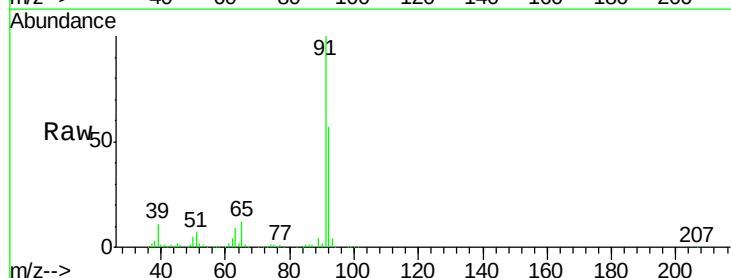
Acq: 18 Sep 2019 13:10

Tgt Ion: 92 Resp: 634586

Ion Ratio Lower Upper

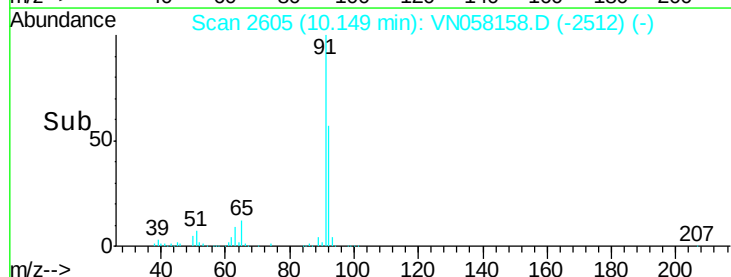
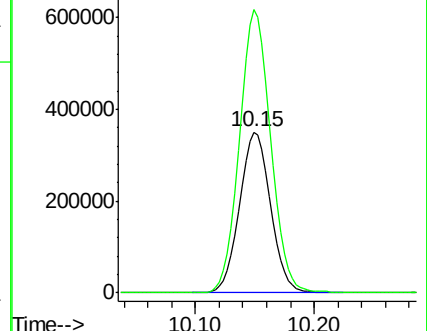
92 100

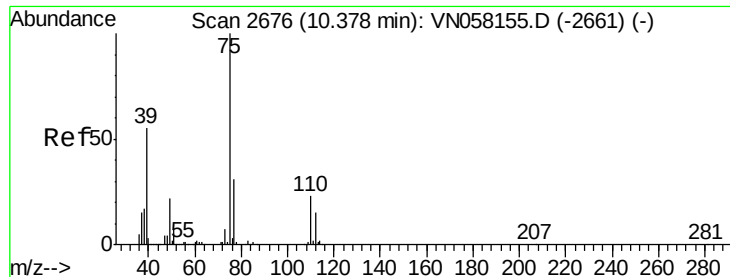
91 176.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 53.534 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampled :

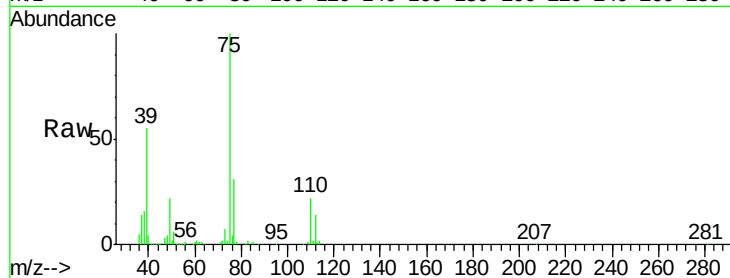
ICVVN091819

Tot Ion: 75 Resp: 430103

Ion Ratio Lower Upper

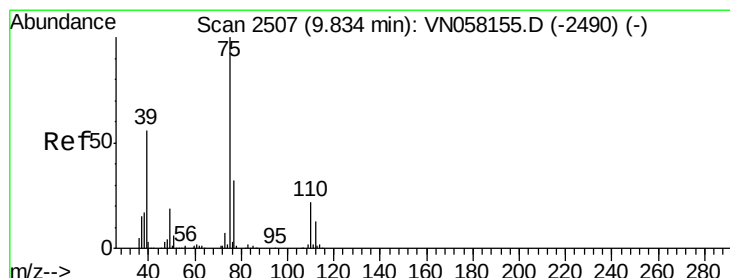
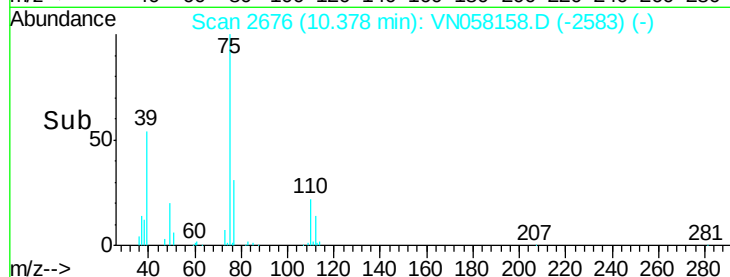
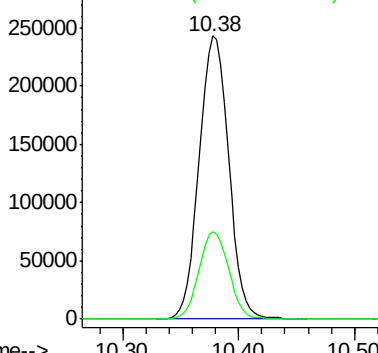
75 100

77 30.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 51.612 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

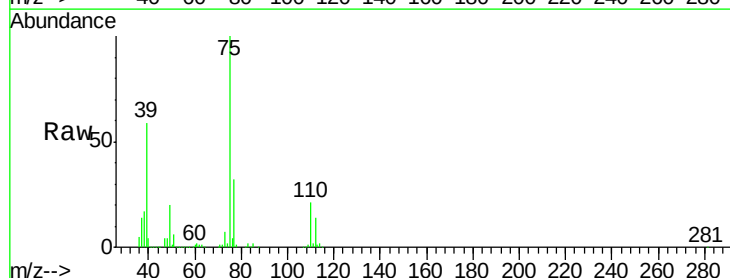
Tgt Ion: 75 Resp: 457809

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

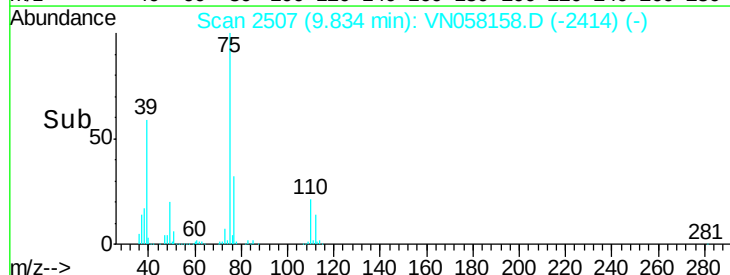
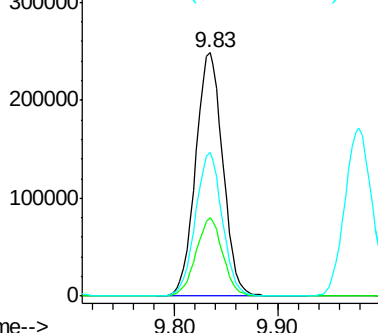
39 59.1 45.0 67.6

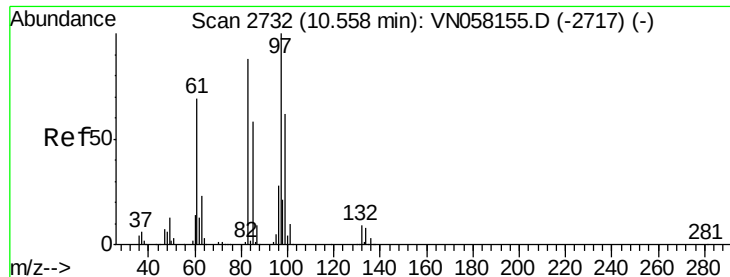


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 51.287 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampled :

ICVVN091819

Tot Ion: 97 Resp: 294112

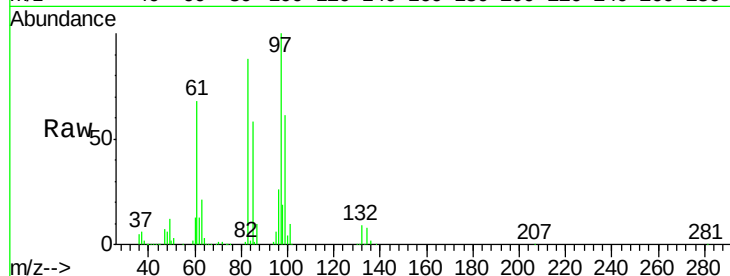
Ion Ratio Lower Upper

97 100

83 87.9 70.4 105.6

85 57.5 46.8 70.2

99 61.2 49.9 74.9

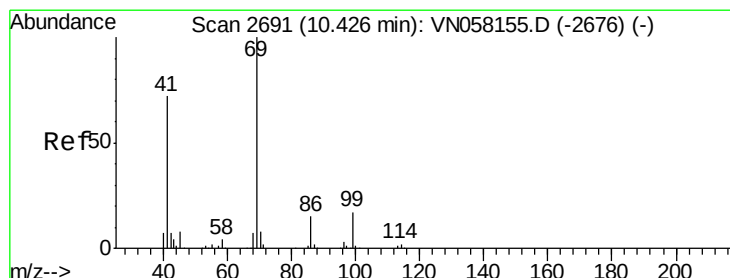
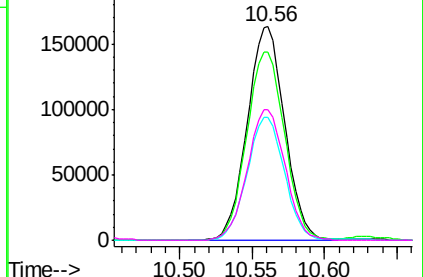
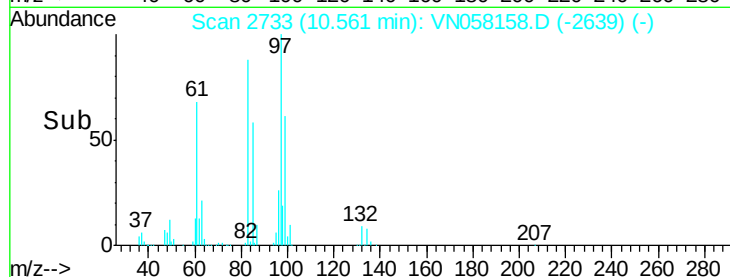


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 53.807 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

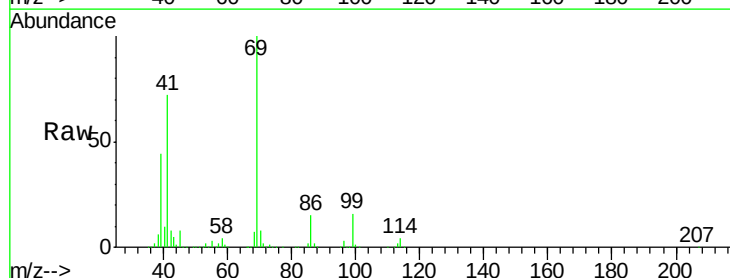
Tgt Ion: 69 Resp: 445205

Ion Ratio Lower Upper

69 100

41 71.2 57.5 86.3

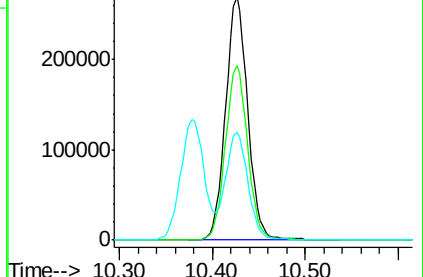
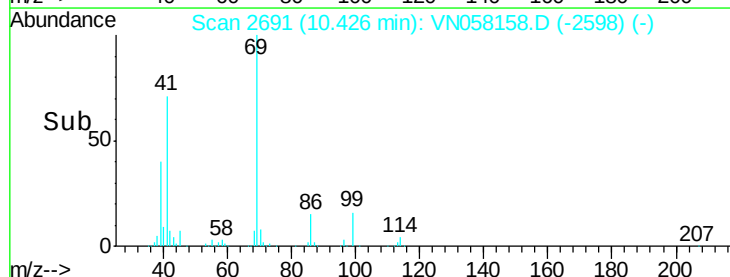
39 44.7 36.1 54.1

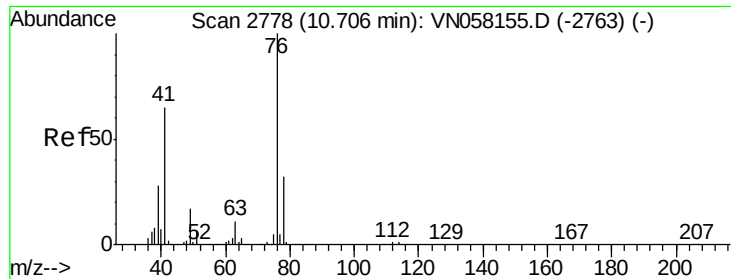


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

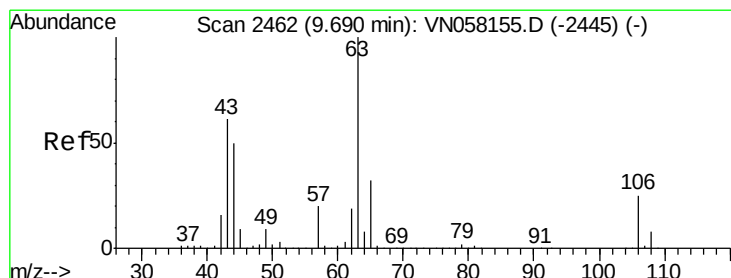
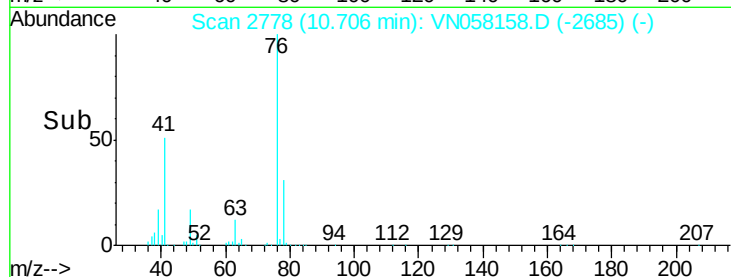
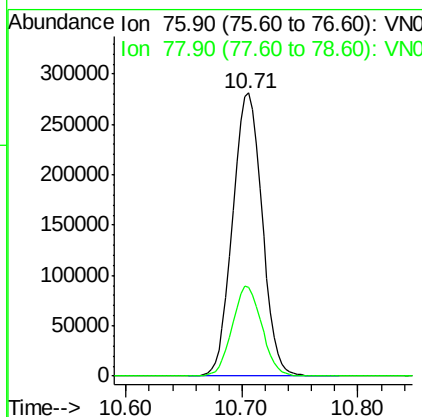
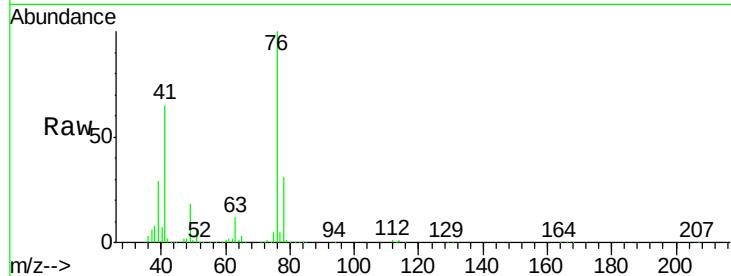




#57
 1,3-Dichloropropane
 Concen: 50.090 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

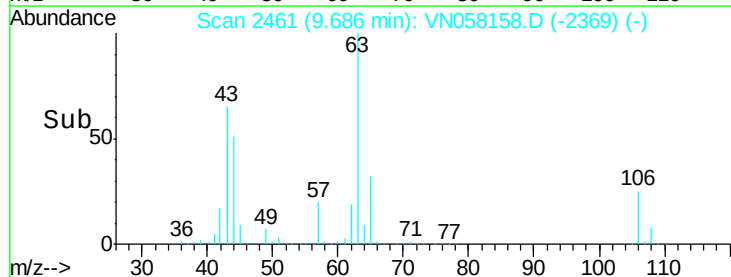
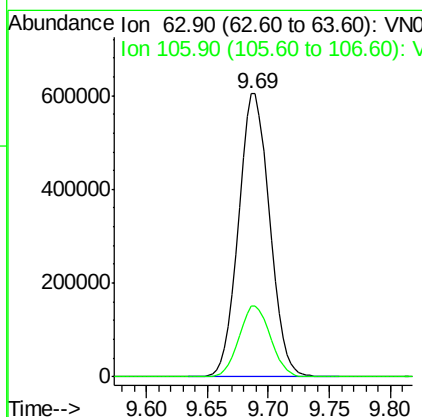
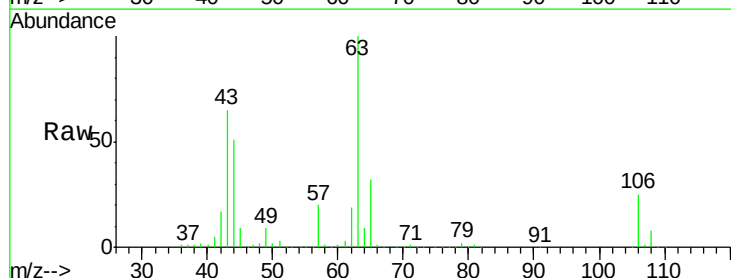
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

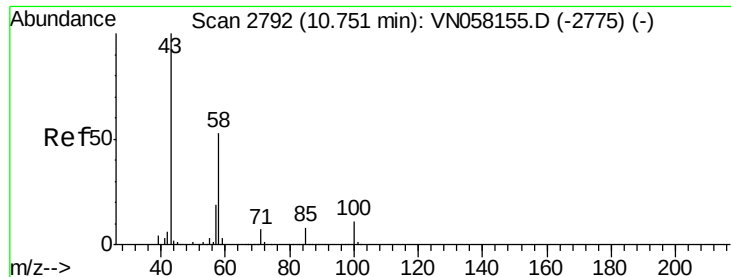
Tot Ion: 76 Resp: 493814
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.228 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion: 63 Resp: 1065014
 Ion Ratio Lower Upper
 63 100
 106 25.3 19.9 29.9

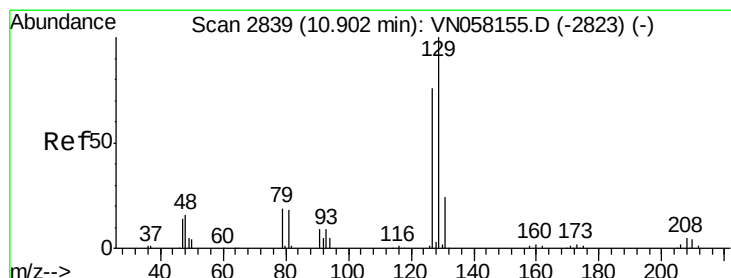
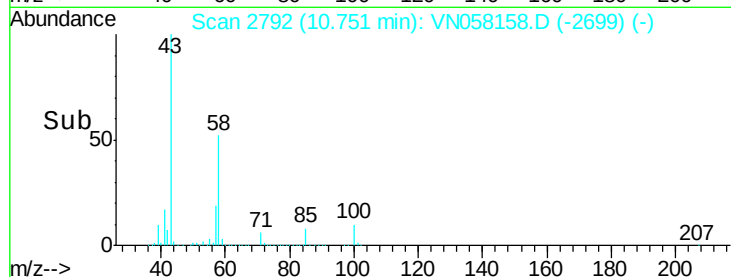
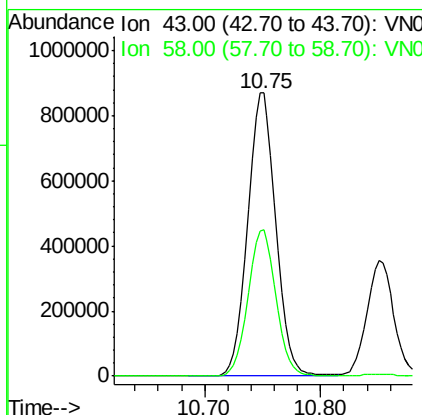
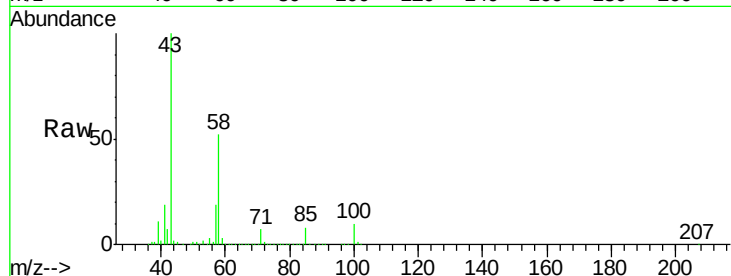




#59
2-Hexanone
Concen: 285.124 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

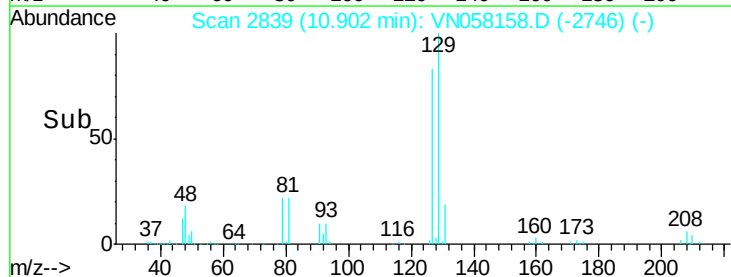
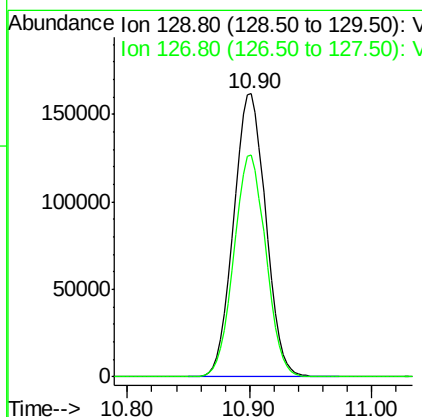
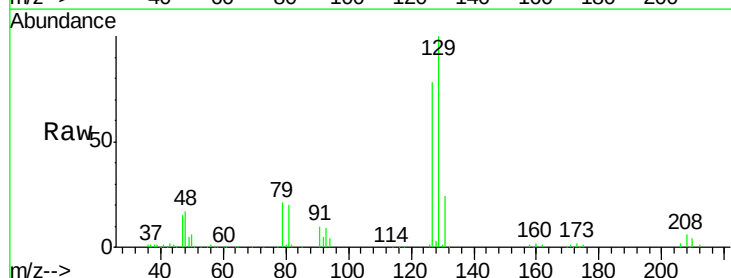
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

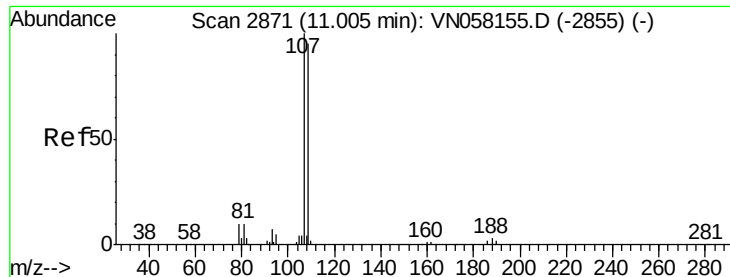
Tot Ion: 43 Resp: 1471676
Ion Ratio Lower Upper
43 100
58 51.5 26.0 78.0



#60
Dibromochloromethane
Concen: 53.659 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion: 129 Resp: 296038
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.436 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

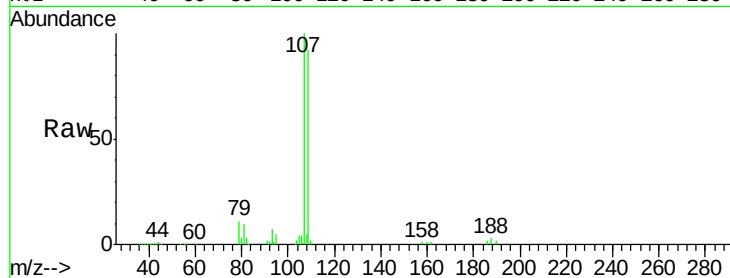
ICVVN091819

Tot Ion:107 Resp: 273357

Ion Ratio Lower Upper

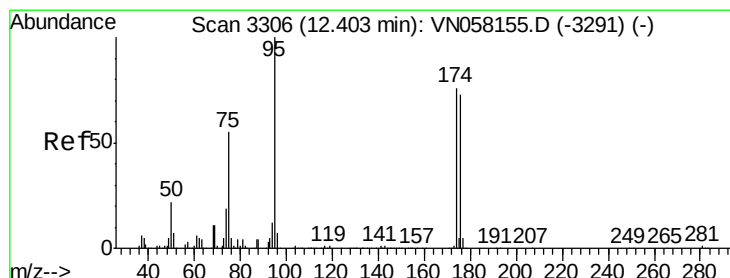
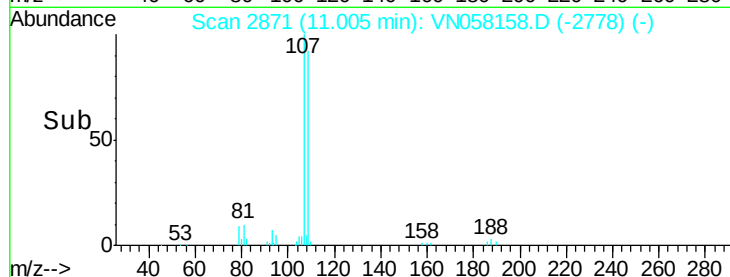
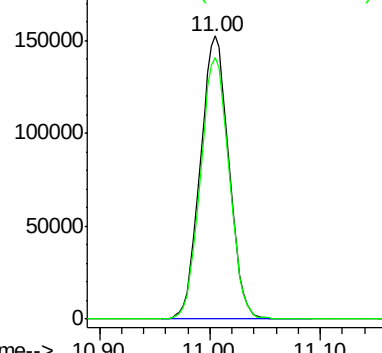
107 100

109 93.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.064 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

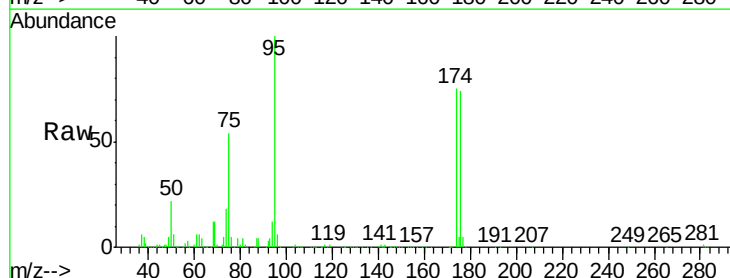
Tgt Ion: 95 Resp: 428813

Ion Ratio Lower Upper

95 100

174 75.7 0.0 152.2

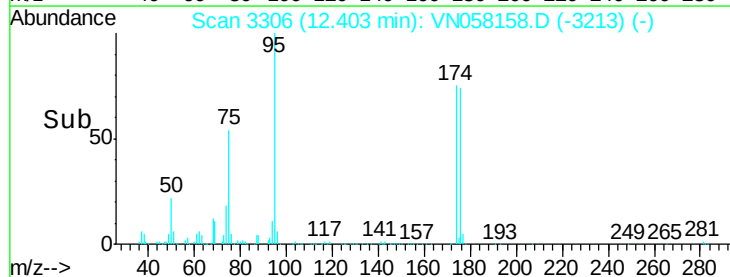
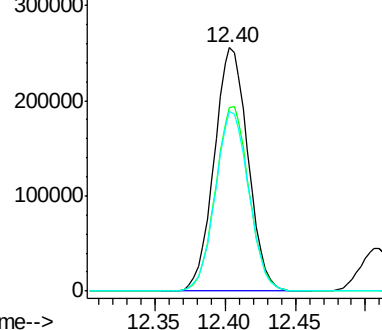
176 73.4 0.0 148.0

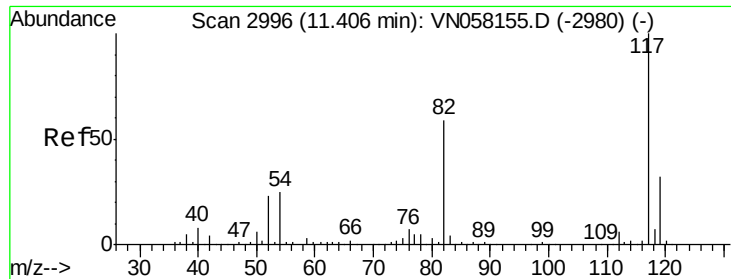


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

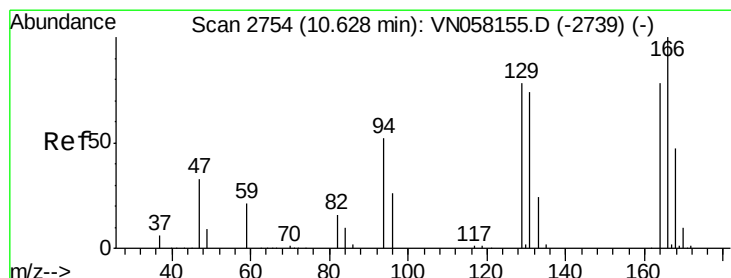
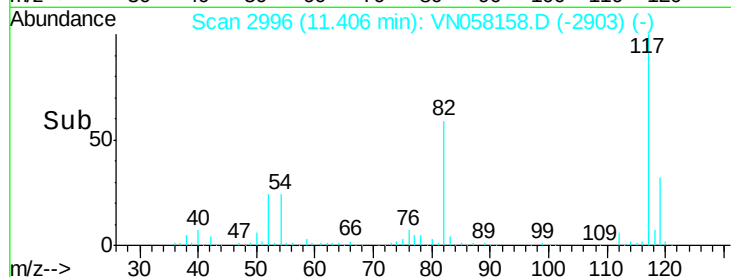
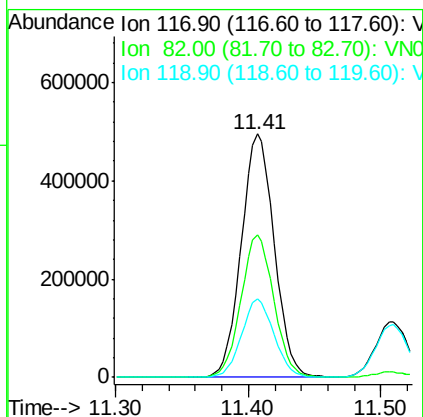
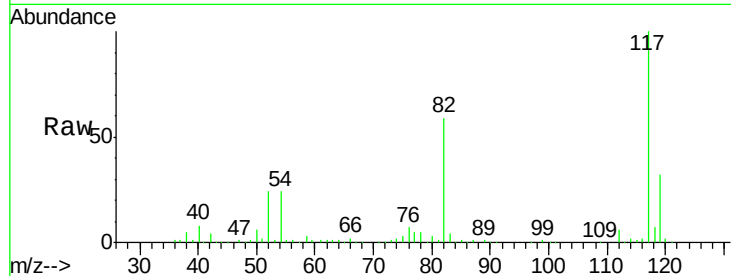




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

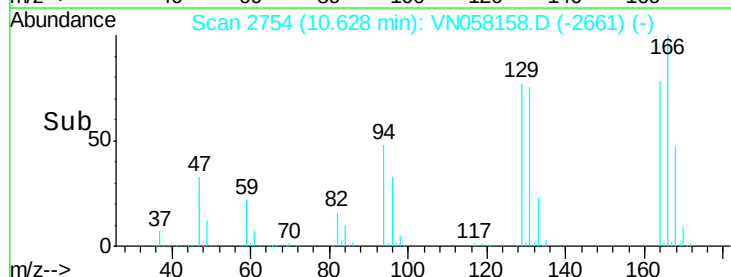
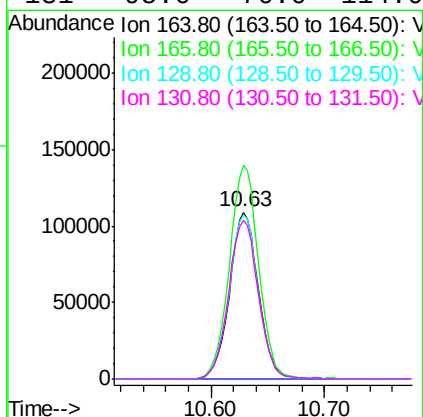
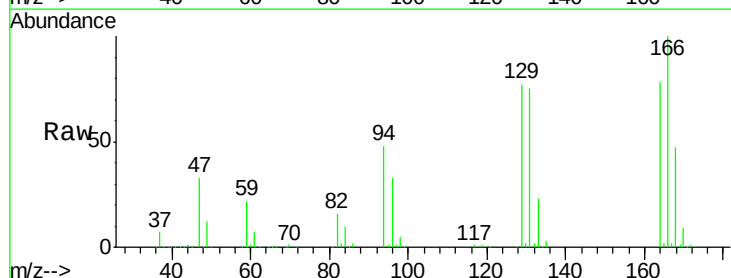
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

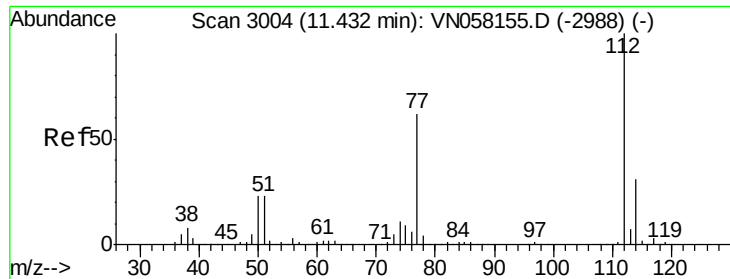
Tot Ion:117 Resp: 854614
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 46.287 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion:164 Resp: 192834
Ion Ratio Lower Upper
164 100
166 128.3 102.2 153.4
129 98.7 79.6 119.4
131 95.6 76.0 114.0

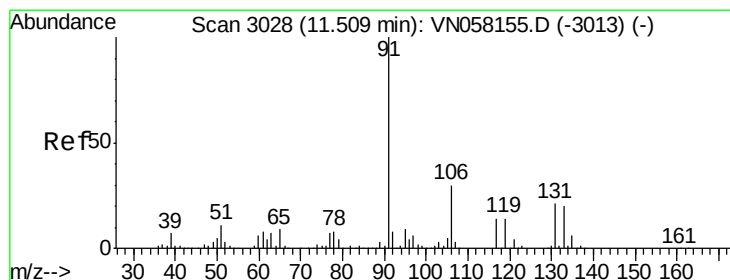
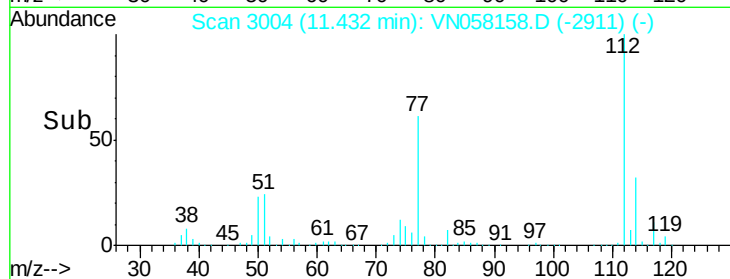
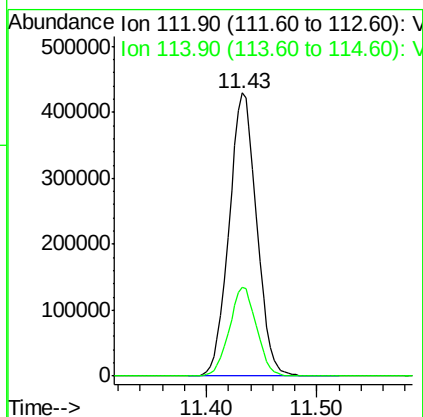
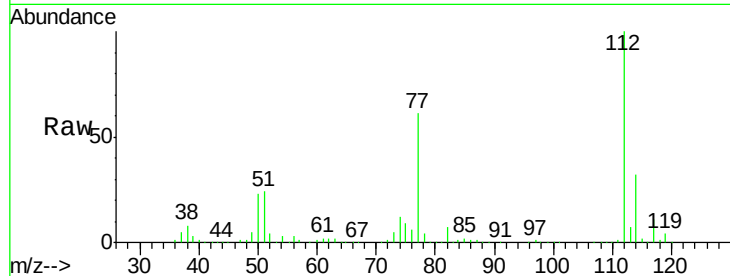




#65
Chlorobenzene
Concen: 49.532 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

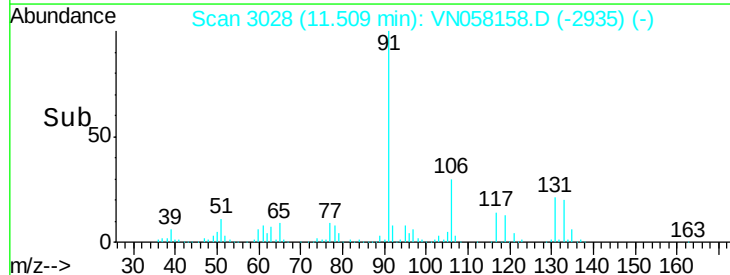
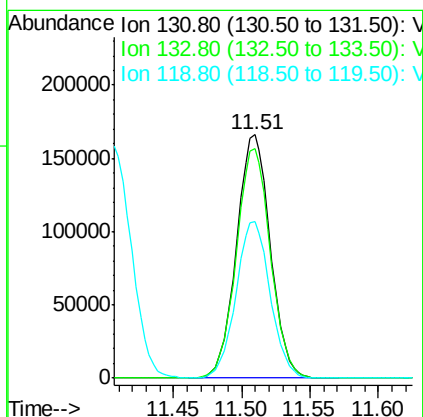
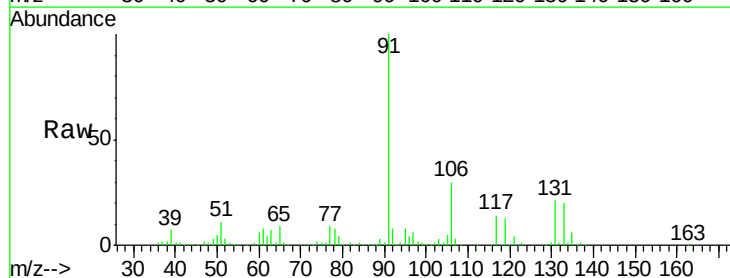
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

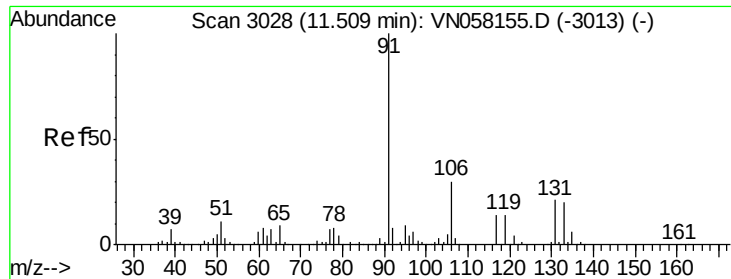
Tot Ion:112 Resp: 744571
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.298 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion:131 Resp: 285057
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.3
119 65.0 33.1 99.3

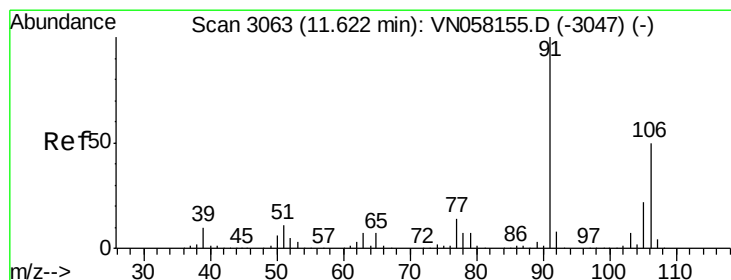
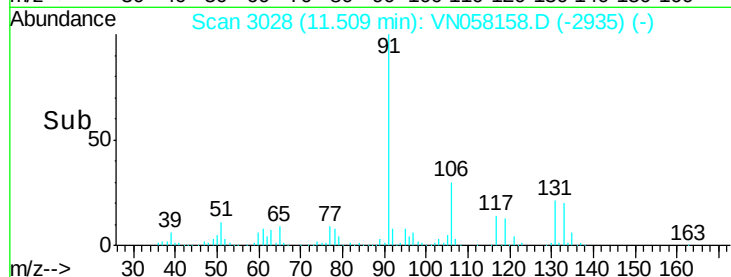
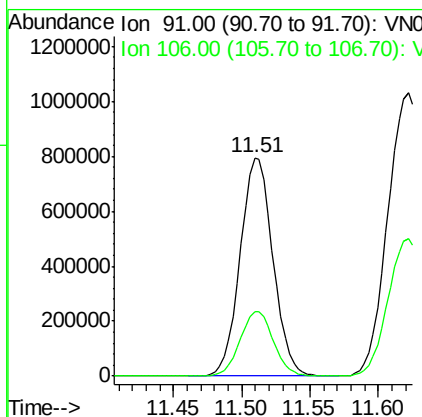
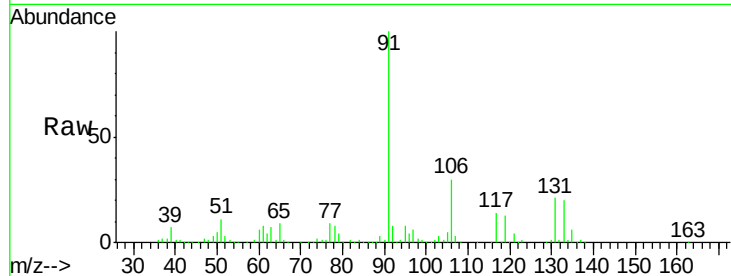




#67
Ethyl Benzene
Concen: 51.455 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

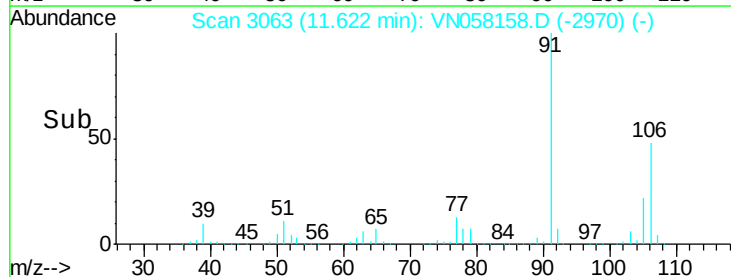
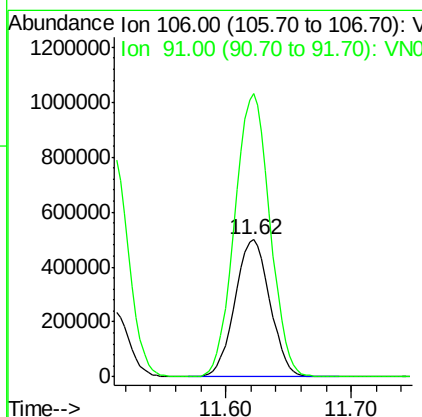
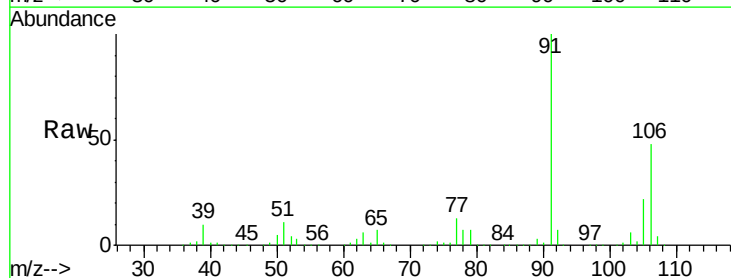
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

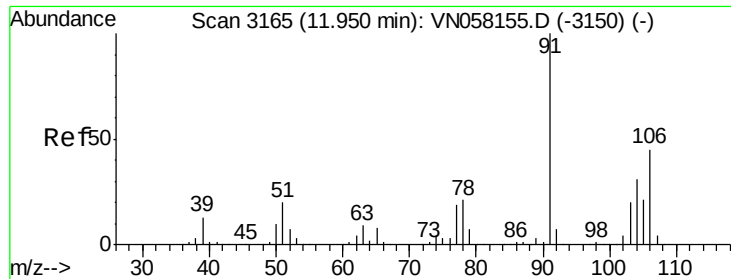
Tot Ion: 91 Resp: 1325333
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#68
m/p-Xylenes
Concen: 99.749 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion: 106 Resp: 967662
Ion Ratio Lower Upper
106 100
91 207.9 163.6 245.4

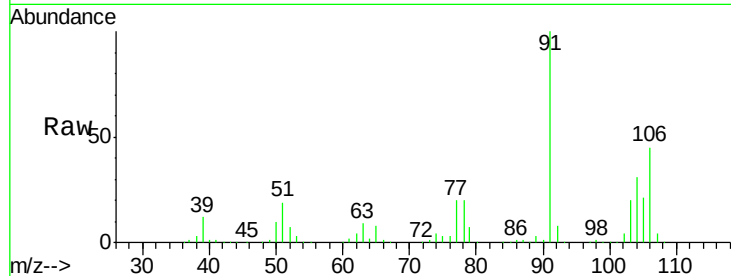




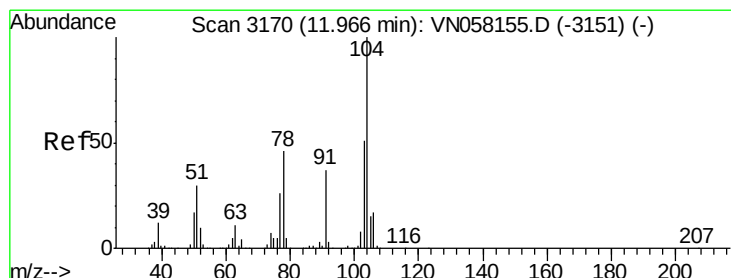
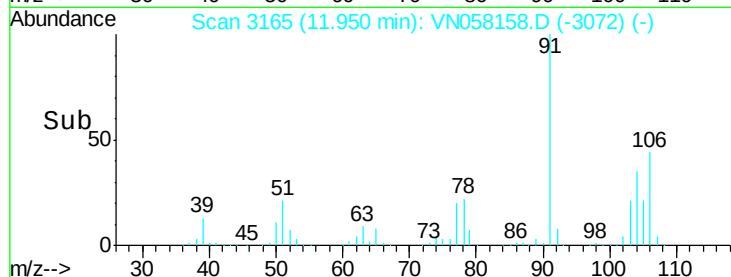
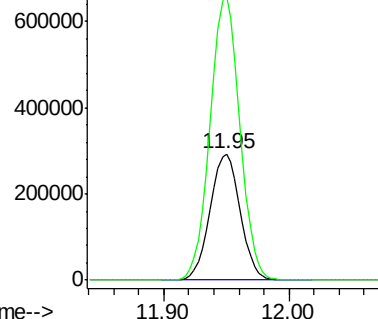
#69
o-Xylene
Concen: 51.220 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091819

Tot Ion:106 Resp: 488582
Ion Ratio Lower Upper
106 100
91 221.9 111.8 335.3

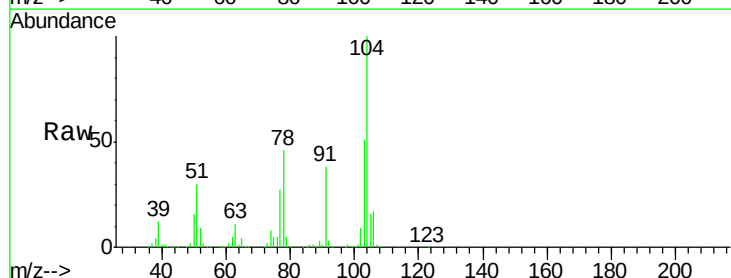


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

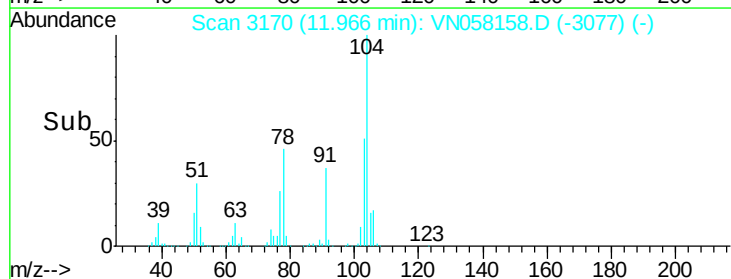
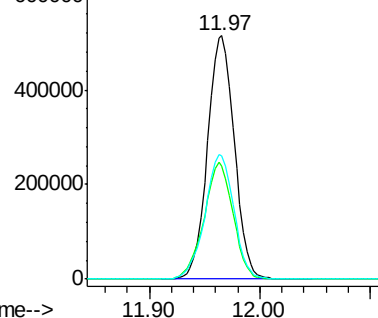


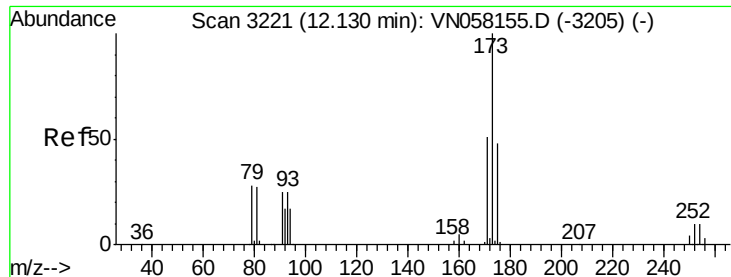
#70
Styrene
Concen: 52.904 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion:104 Resp: 869500
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 54.9 44.2 66.2



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

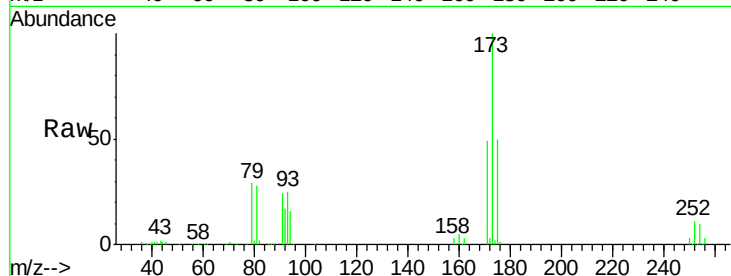




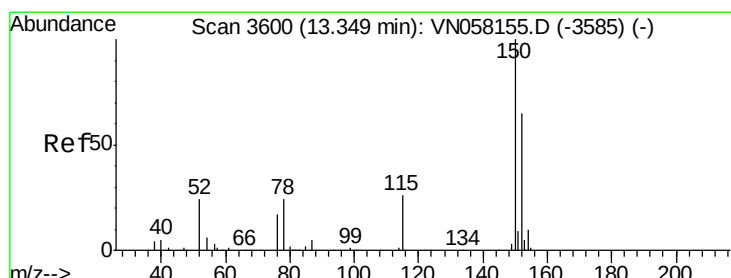
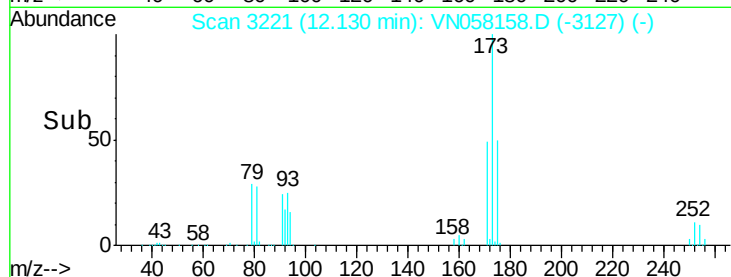
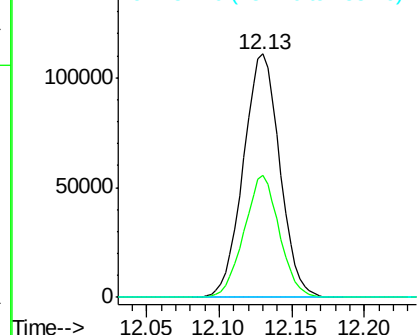
#71
Bromoform
Concen: 48.109 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Instrument :
MSVOA_N
ClientSampled :
ICVVN091819

Tot Ion:173 Resp: 193823
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.1 0.1 0.1

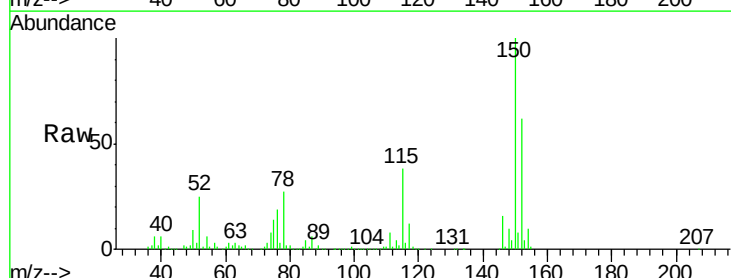


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

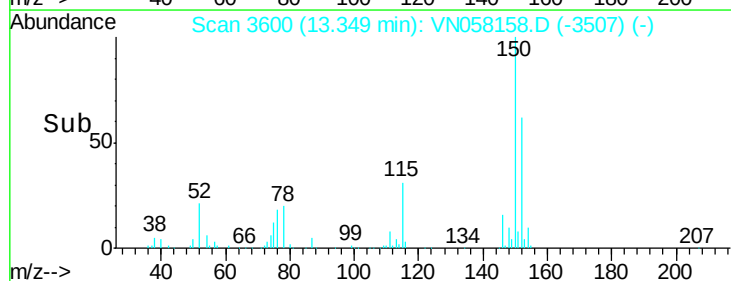
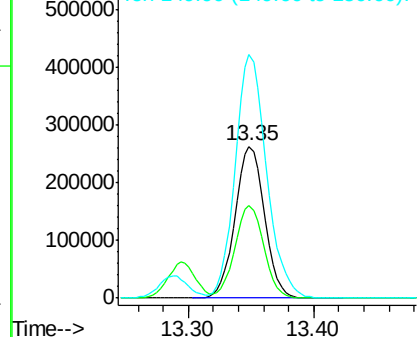


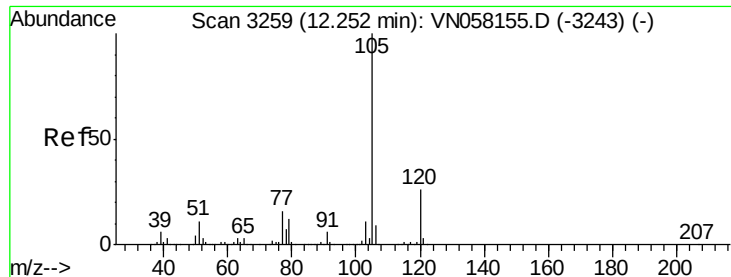
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion:152 Resp: 426244
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.3
150 171.4 0.0 346.4



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: 51.811 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

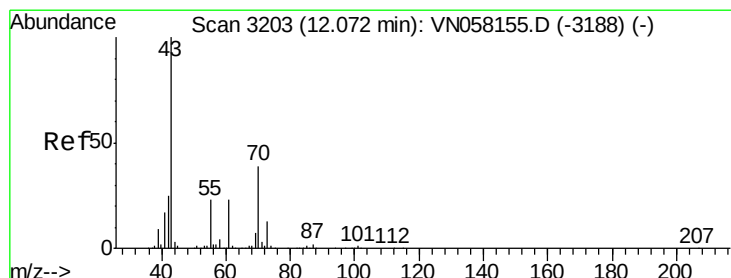
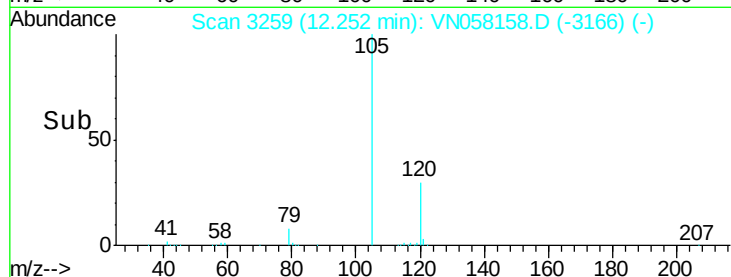
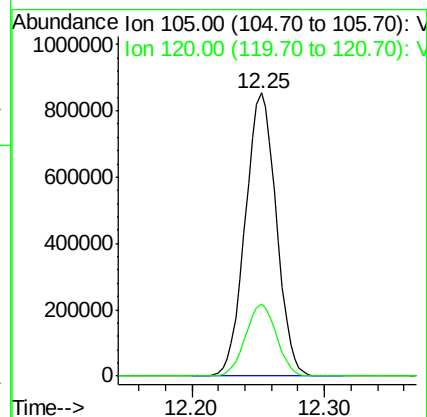
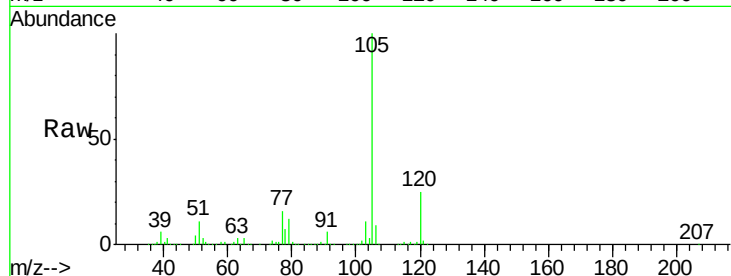
ICVVN091819

Tot Ion:105 Resp: 1382314

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



#74

N-ethyl acetate

Concen: 54.204 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Tgt Ion: 43 Resp: 604993

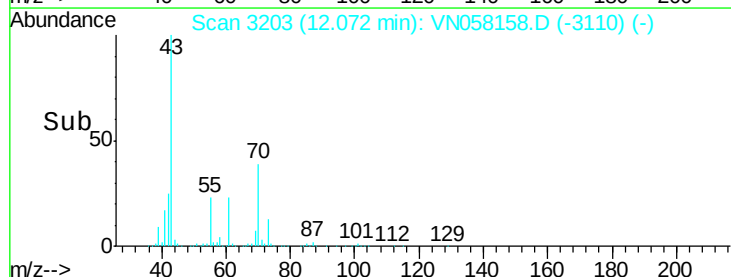
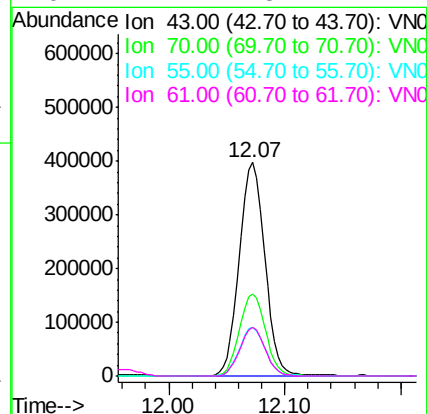
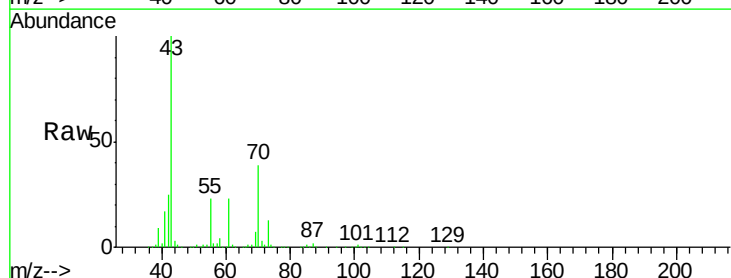
Ion Ratio Lower Upper

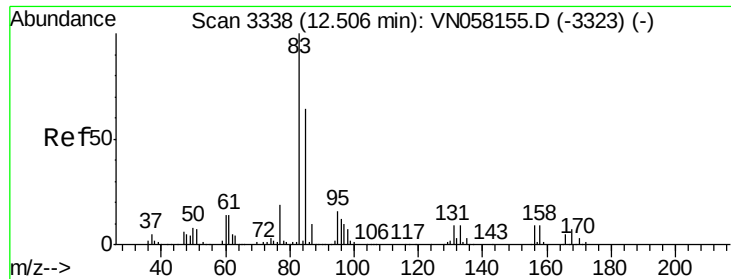
43 100

70 39.3 31.0 46.6

55 23.2 18.5 27.7

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.250 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091819

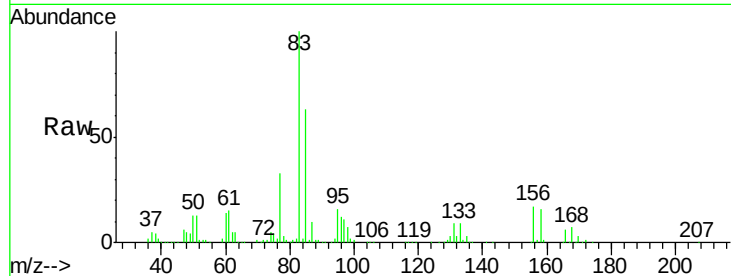
Tot Ion: 83 Resp: 457895

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

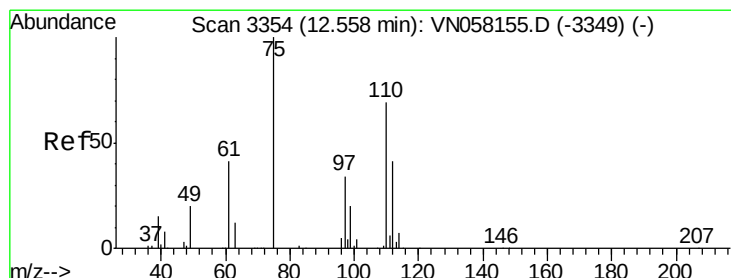
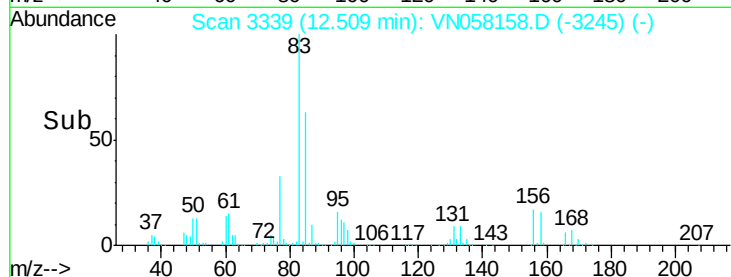
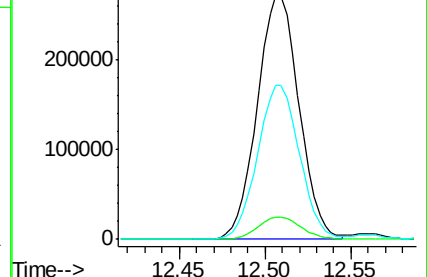
85 63.6 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 73.532 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058158.D

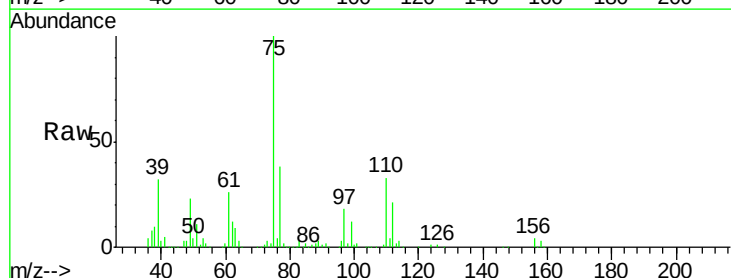
Acq: 18 Sep 2019 13:10

Tgt Ion: 75 Resp: 560931

Ion Ratio Lower Upper

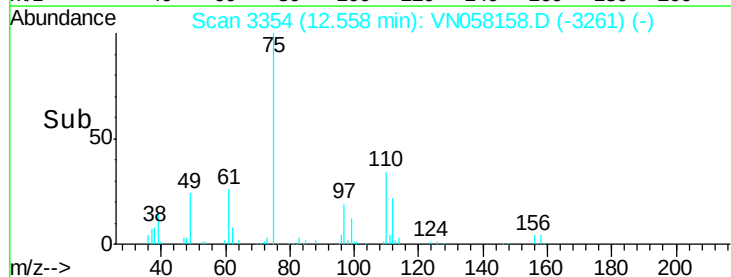
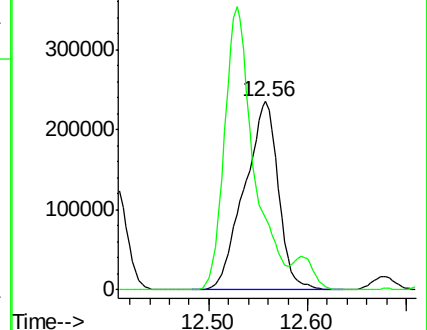
75 100

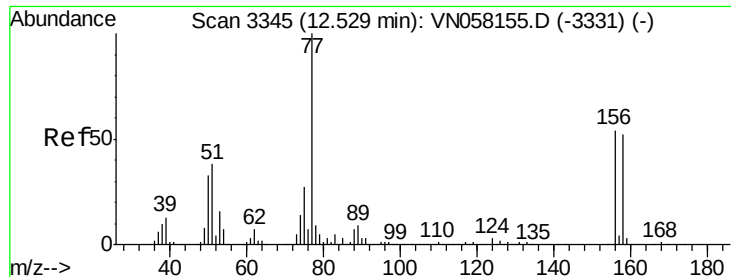
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.190 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091819

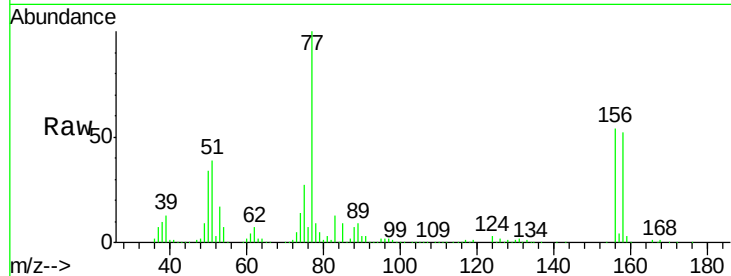
Tot Ion:156 Resp: 330123

Ion Ratio Lower Upper

156 100

77 222.6 111.7 335.1

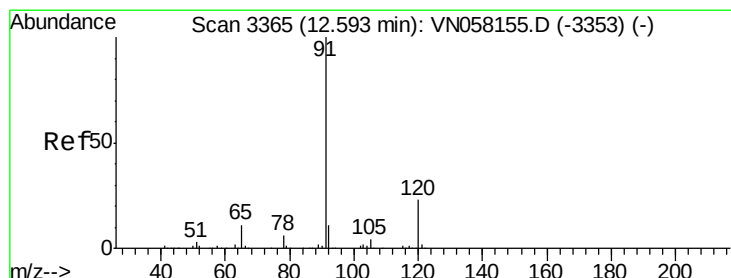
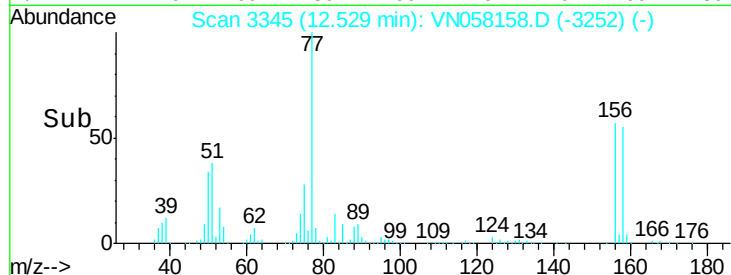
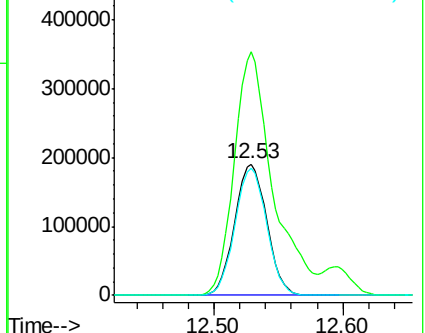
158 95.9 47.9 143.8



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: 53.170 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN058158.D

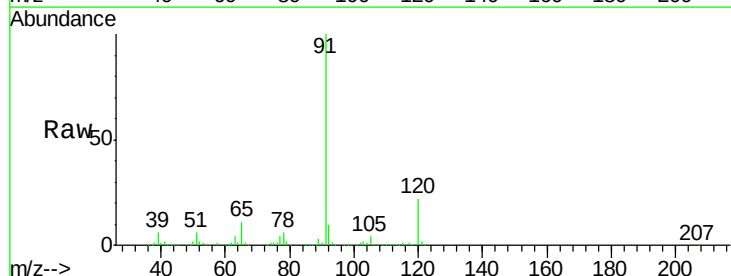
Acq: 18 Sep 2019 13:10

Tgt Ion: 91 Resp: 1612016

Ion Ratio Lower Upper

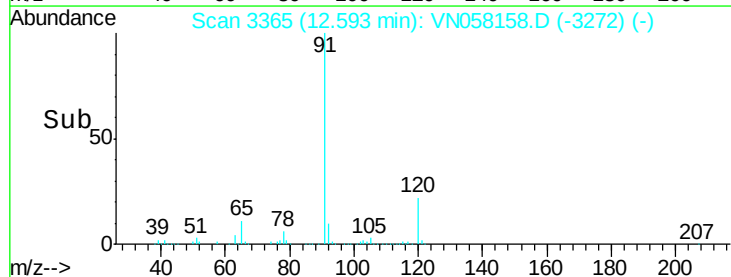
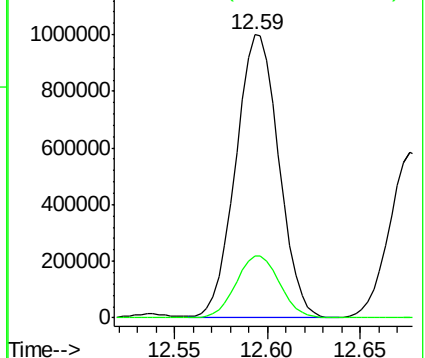
91 100

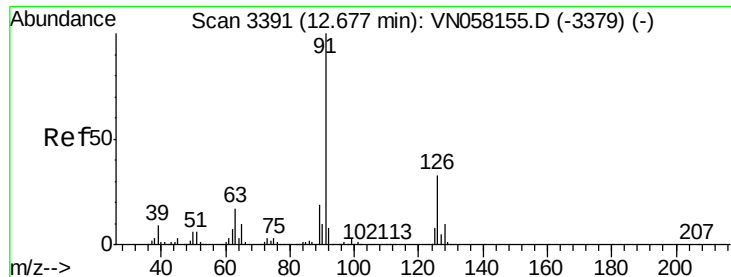
120 22.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.633 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

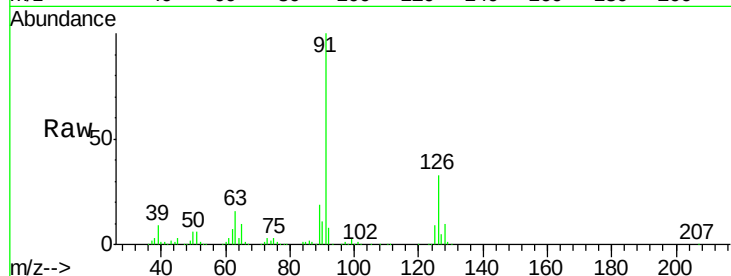
ICVVN091819

Tot Ion: 91 Resp: 959374

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN058158.D (-3391) (-)

Ion 125.90 (125.60 to 126.60): VN058158.D (-3391) (-)

800000

600000

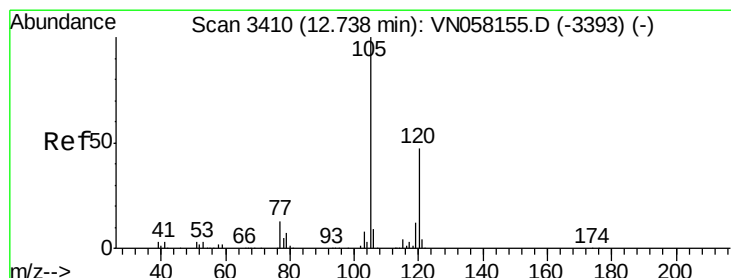
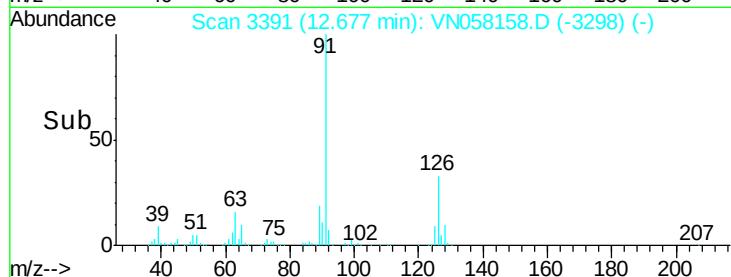
400000

200000

0

12.65 12.68 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.619 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058158.D

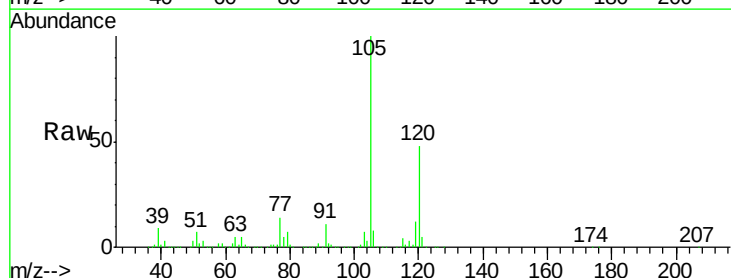
Acq: 18 Sep 2019 13:10

Tgt Ion: 105 Resp: 1187144

Ion Ratio Lower Upper

105 100

120 47.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN058158.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN058158.D (-3410) (-)

800000

600000

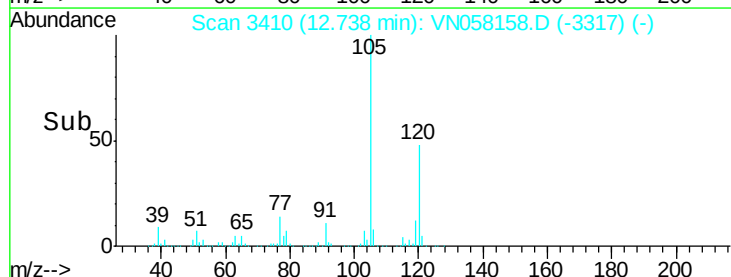
400000

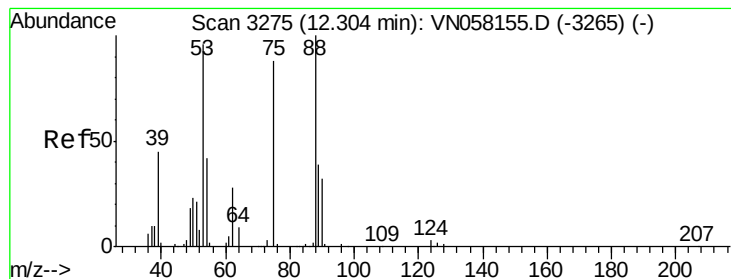
200000

0

12.70 12.74 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.637 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091819

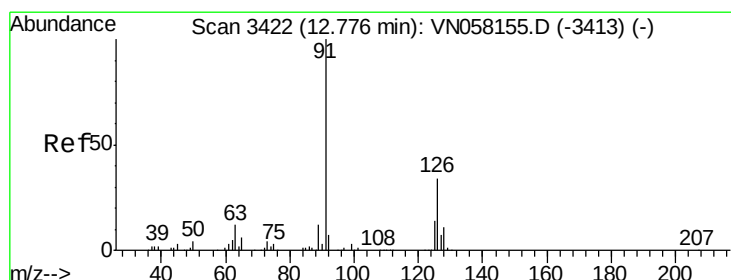
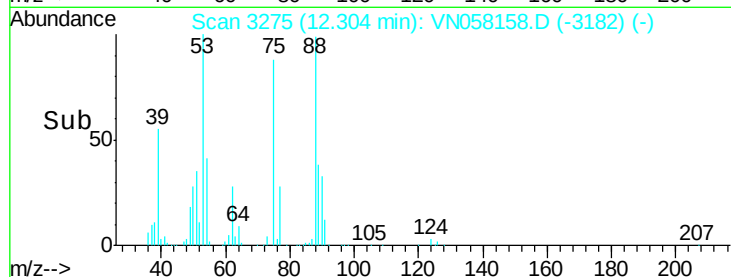
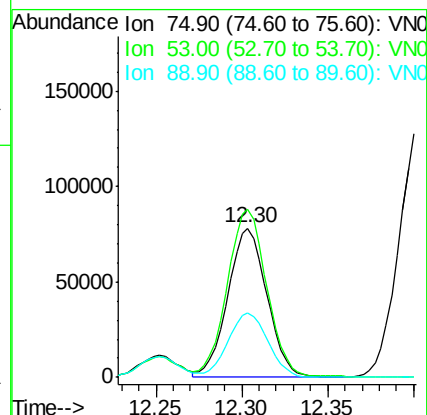
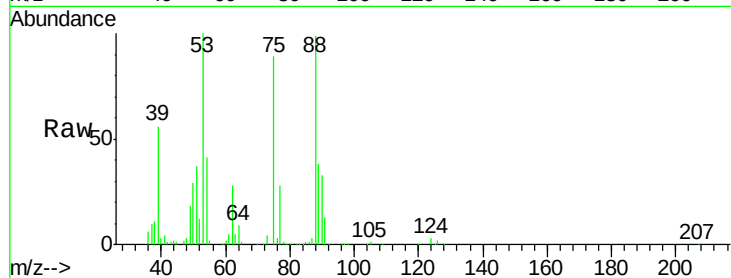
Tot Ion: 75 Resp: 124204

Ion Ratio Lower Upper

75 100

53 112.0 90.1 135.1

89 44.0 36.2 54.2



#82

4-Chlorotoluene

Concen: 51.401 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN058158.D

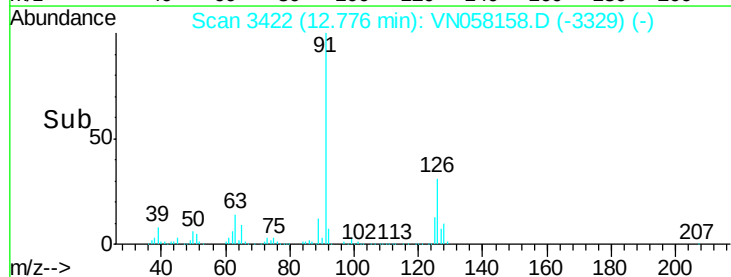
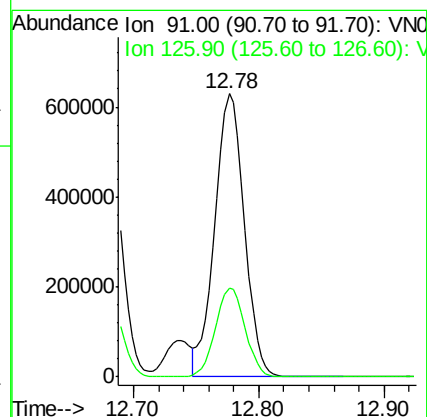
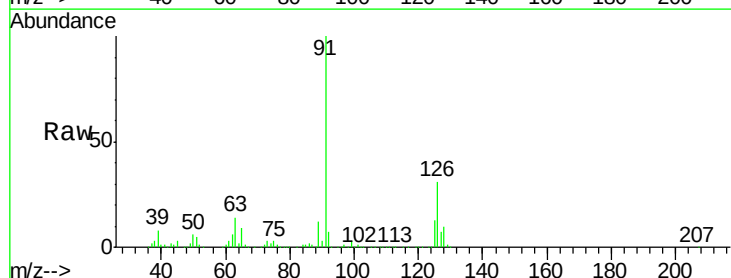
Acq: 18 Sep 2019 13:10

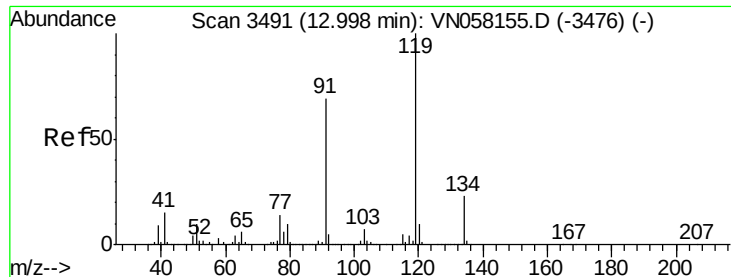
Tgt Ion: 91 Resp: 1023766

Ion Ratio Lower Upper

91 100

126 31.7 15.7 47.1

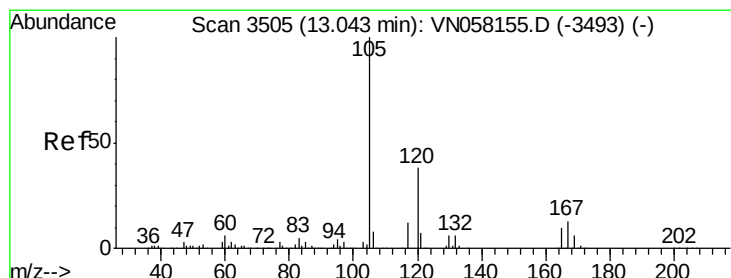
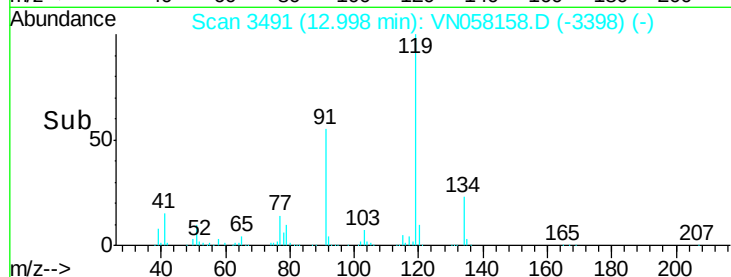
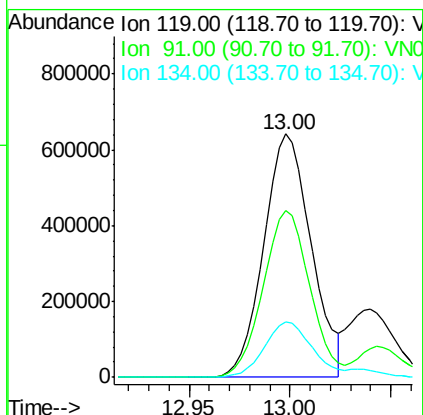
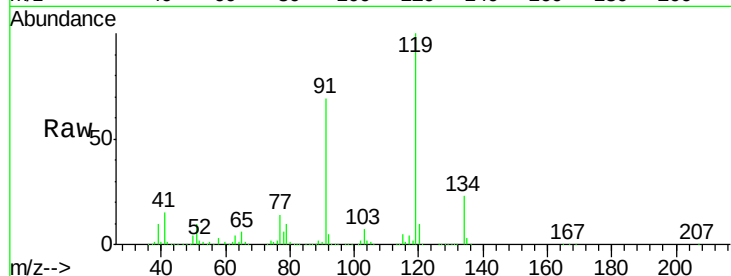




#83
 tert-Butylbenzene
 Concen: 52.208 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

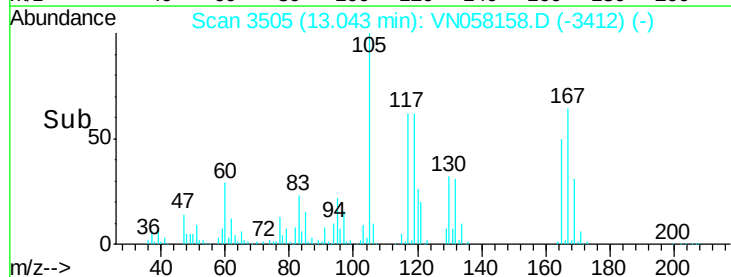
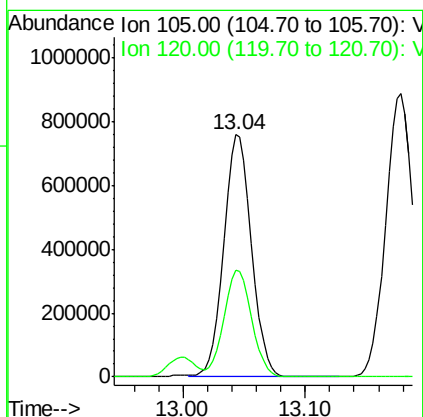
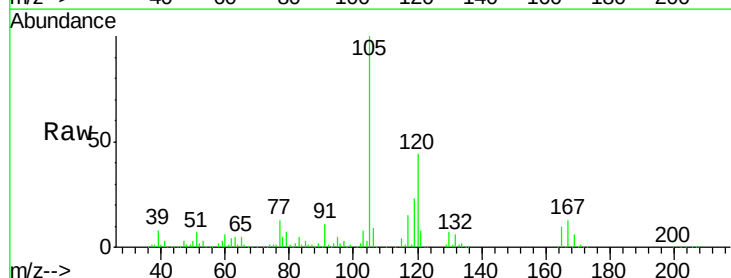
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

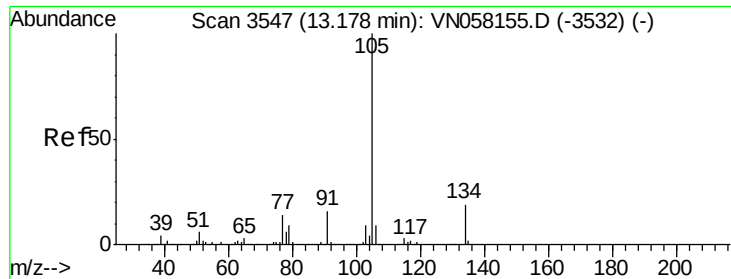
Tot Ion:119 Resp: 1050400
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.8 101.3
 134 22.8 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.717 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion:105 Resp: 1206060
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 53.871 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

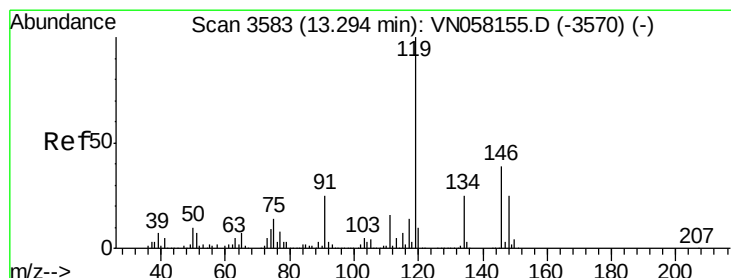
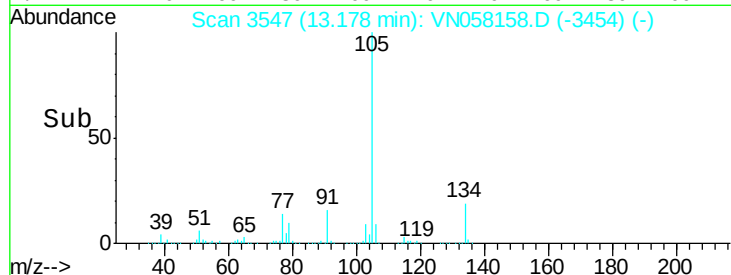
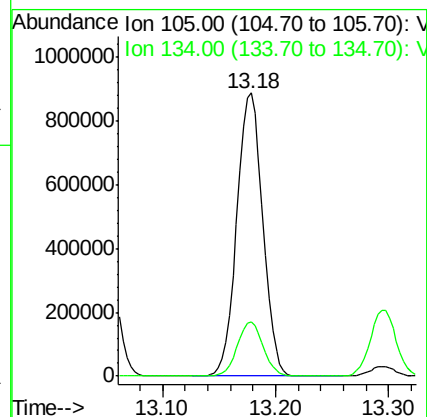
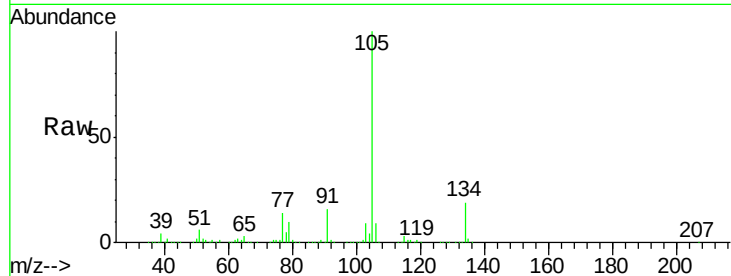
ICVVN091819

Tot Ion:105 Resp: 1417346

Ion Ratio Lower Upper

105 100

134 19.2 9.5 28.5



#86

p-Isopropyltoluene

Concen: 54.634 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

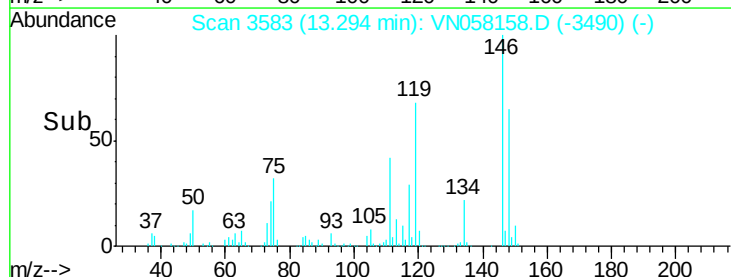
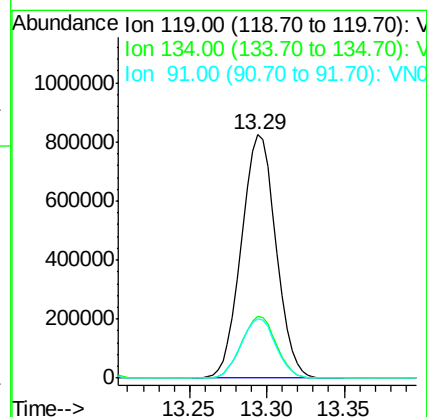
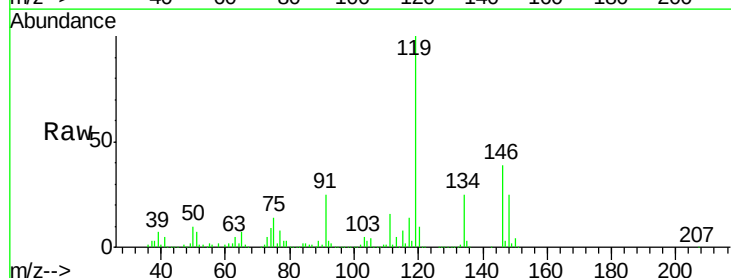
Tgt Ion:119 Resp: 1277884

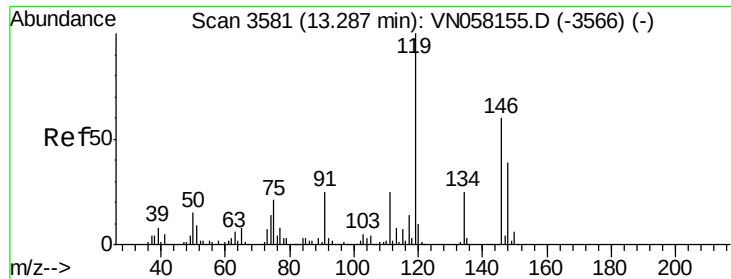
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 24.6 12.3 36.8

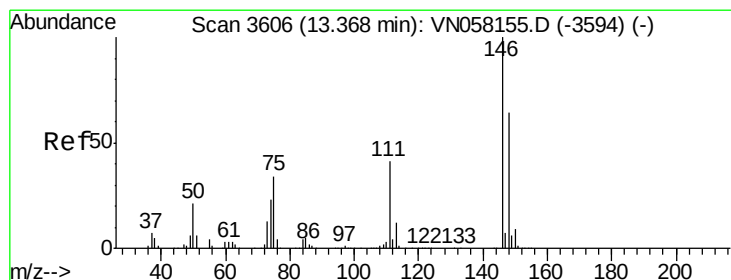
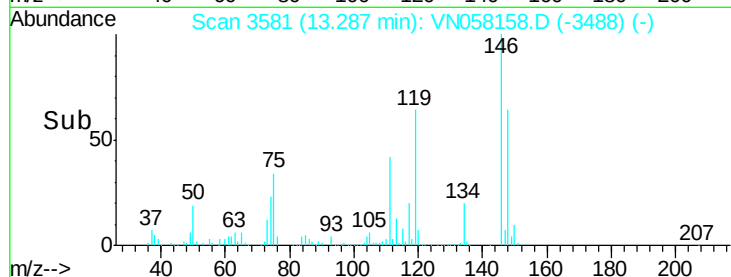
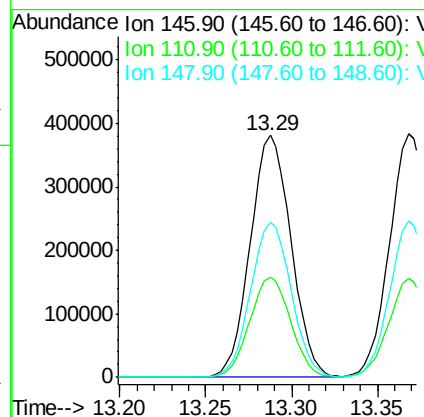
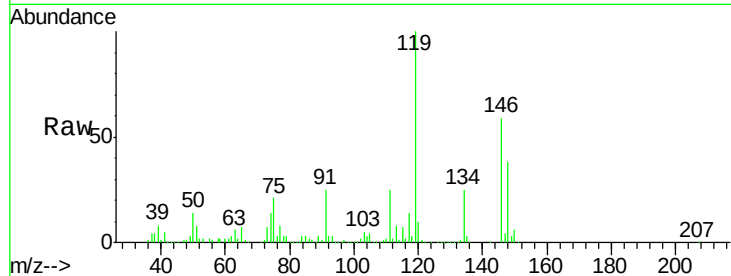




#87
 1,3-Dichlorobenzene
 Concen: 51.318 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

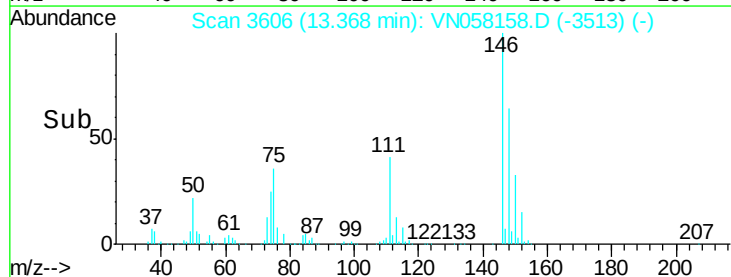
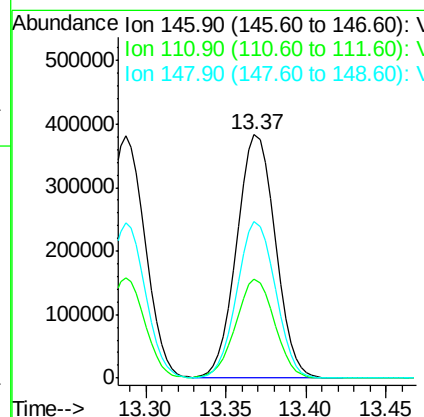
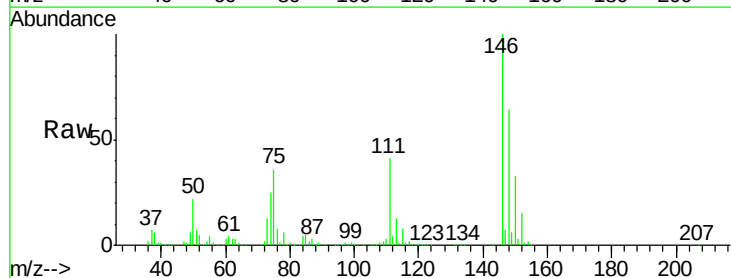
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091819

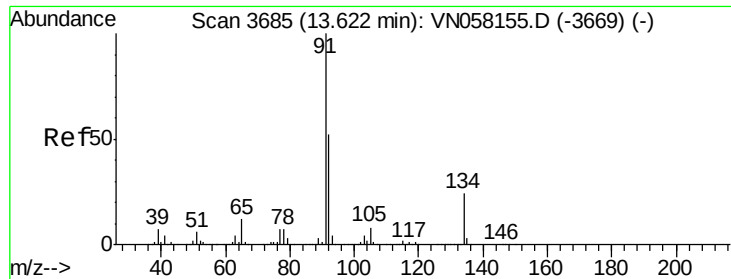
Tot Ion:146 Resp: 629046
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.9 62.8
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.325 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion:146 Resp: 629779
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.5
 148 64.2 31.9 95.5

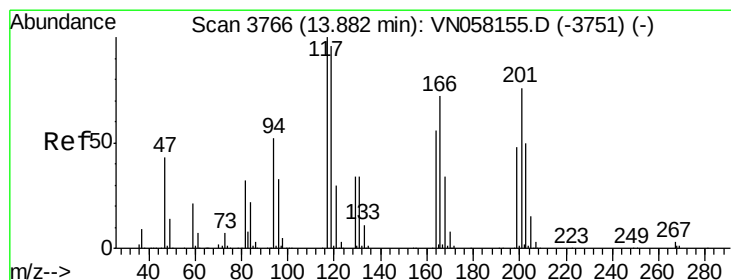
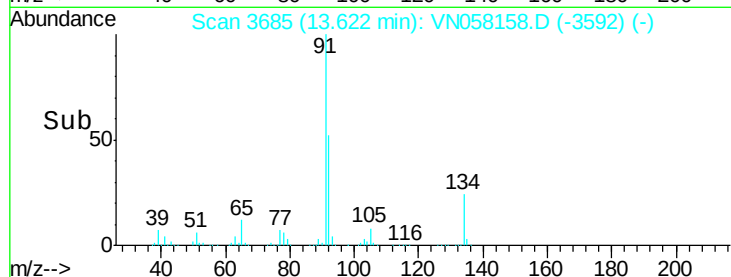
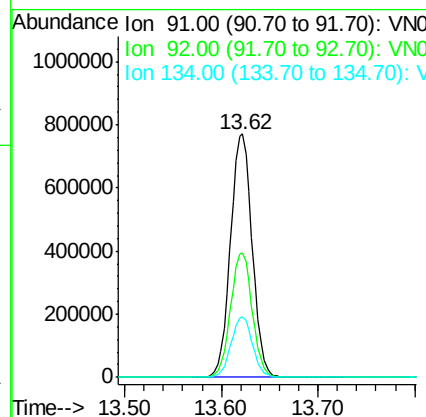
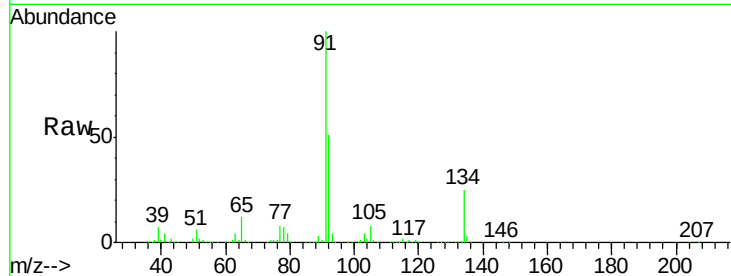




#89
n-Butylbenzene
Concen: 54.017 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

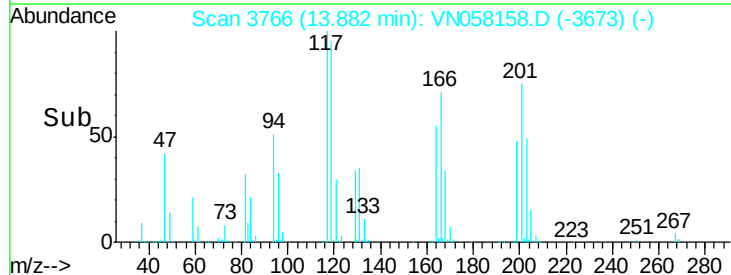
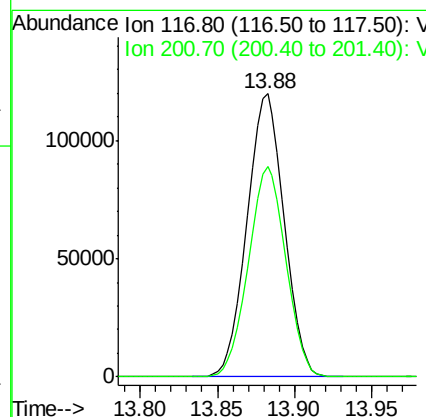
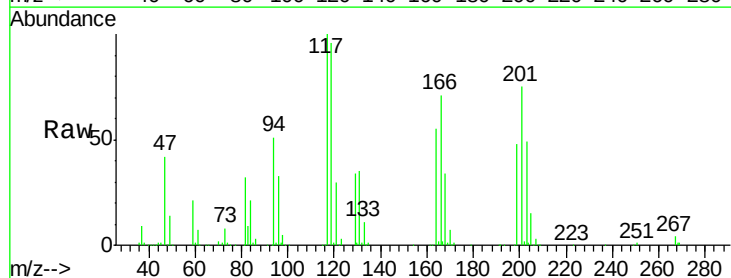
Instrument :
MSVOA_N
ClientSampled :
ICVVN091819

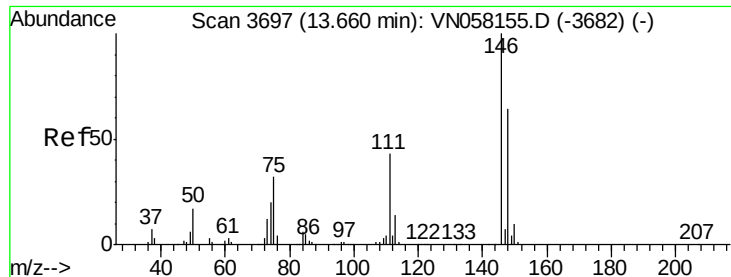
Tot Ion: 91 Resp: 1197838
Ion Ratio Lower Upper
91 100
92 51.2 25.7 77.0
134 24.5 11.8 35.4



#90
Hexachloroethane
Concen: 55.136 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN058158.D
Acq: 18 Sep 2019 13:10

Tgt Ion: 117 Resp: 200218
Ion Ratio Lower Upper
117 100
201 74.9 37.5 112.5

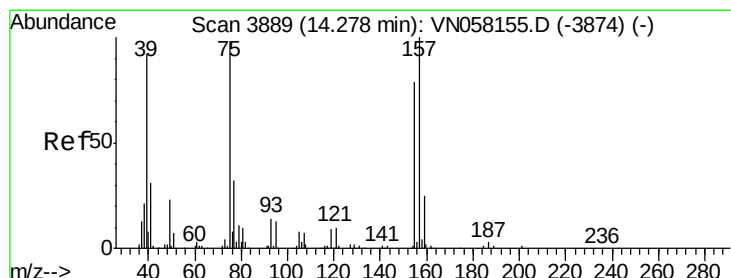
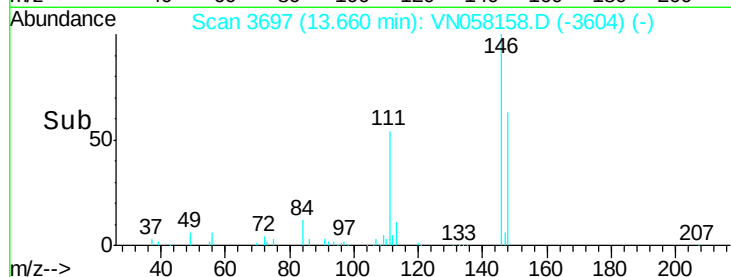
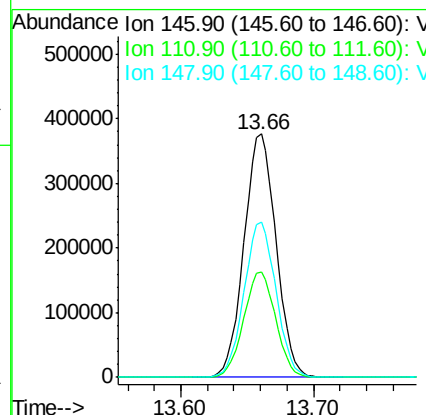
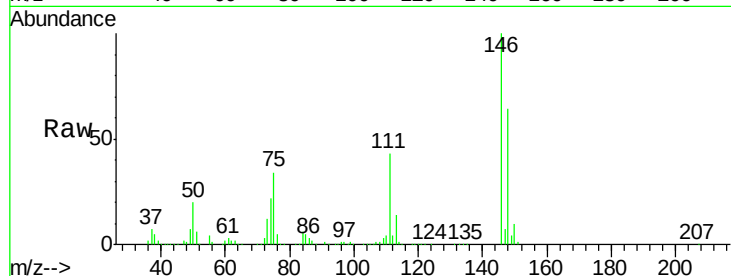




#91
 1,2-Dichlorobenzene
 Concen: 51.312 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

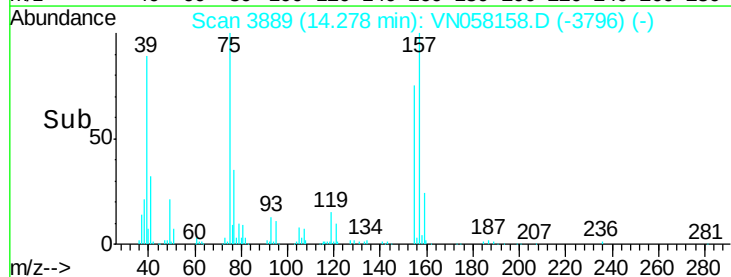
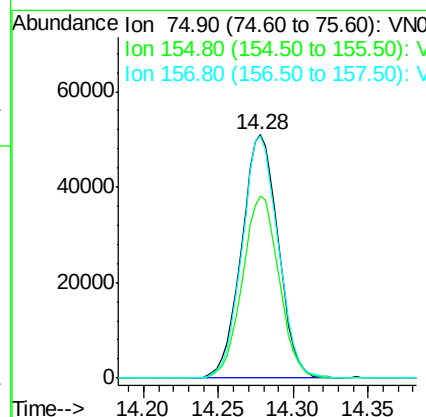
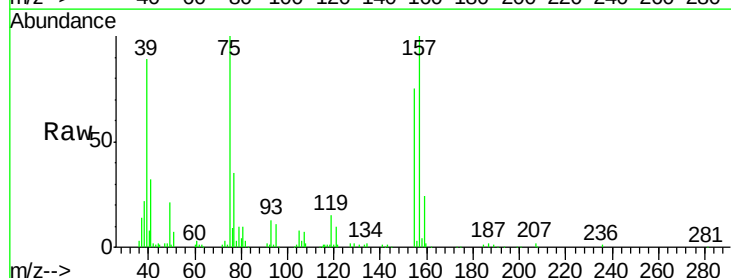
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091819

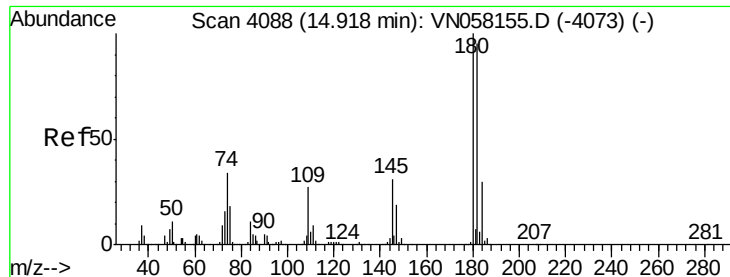
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.1
148	63.5	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.981 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.5	38.3	114.8
157	97.8	48.0	144.0

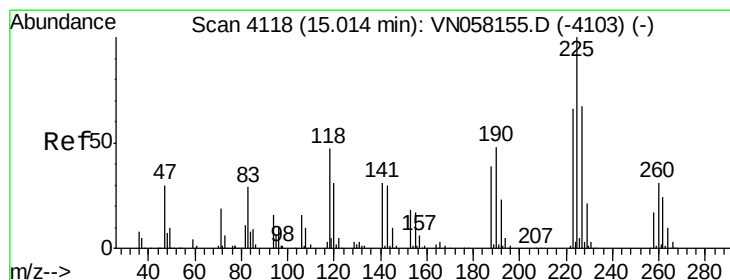
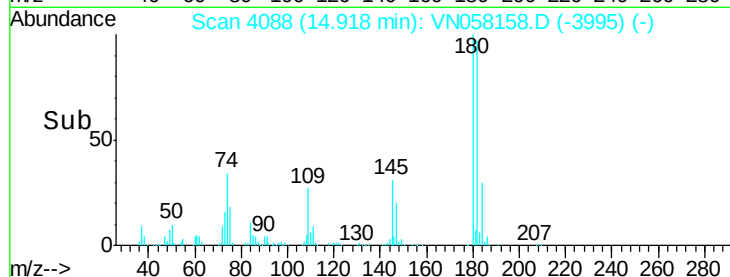
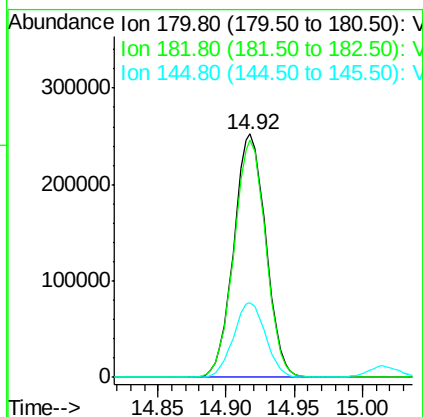
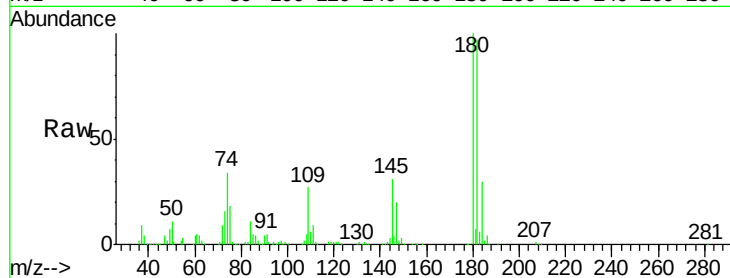




#93
 1,2,4-Trichlorobenzene
 Concen: 52.500 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

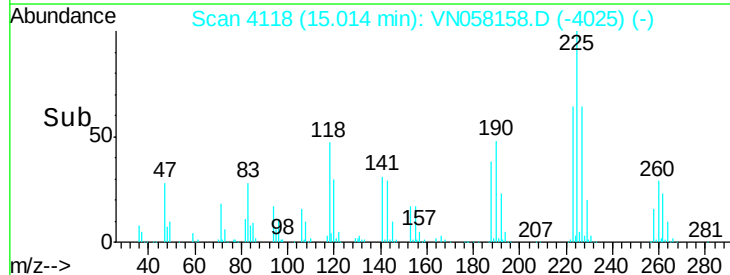
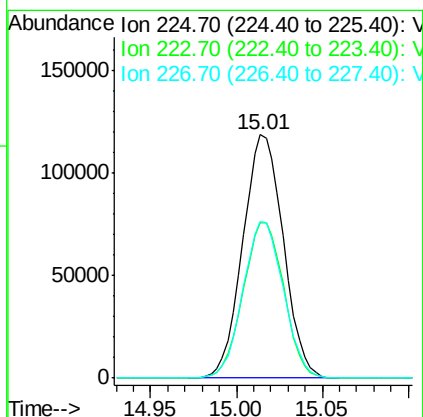
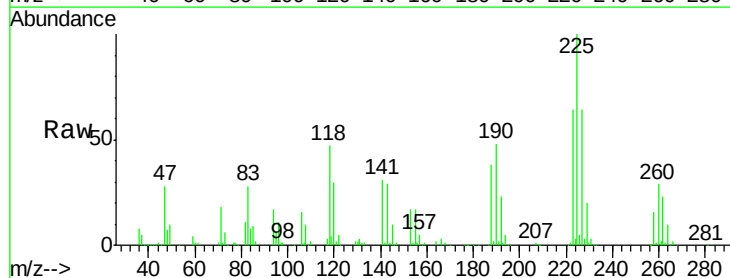
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091819

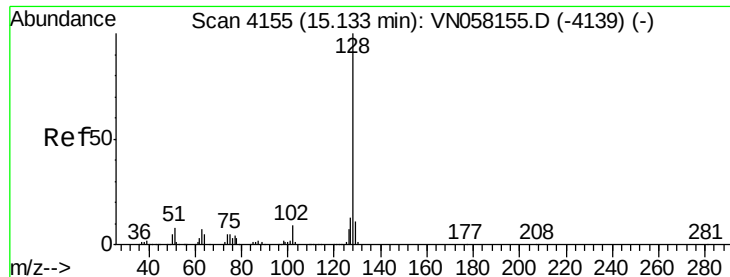
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.8	143.3
145	30.6	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 51.114 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN058158.D
 Acq: 18 Sep 2019 13:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.6	97.7
227	64.3	33.0	99.0





#95

Naphthalene

Concen: 56.267 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091819

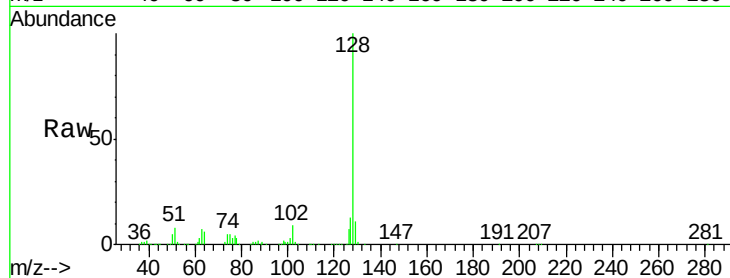
Tot Ion:128 Resp: 1145601

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

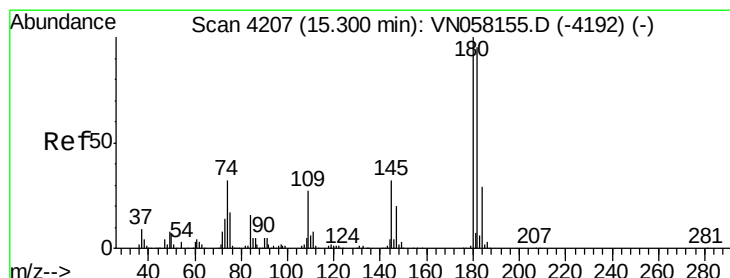
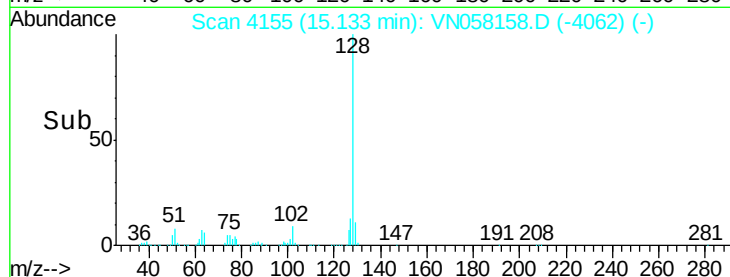
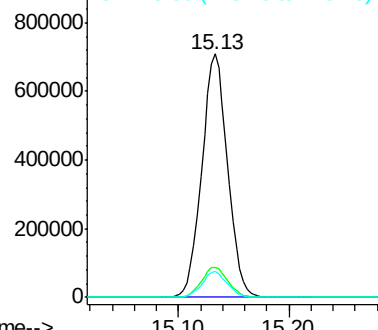
129 10.4 8.6 12.8



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: 51.974 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058158.D

Acq: 18 Sep 2019 13:10

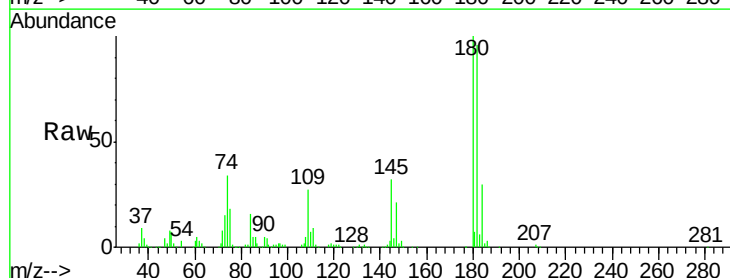
Tgt Ion:180 Resp: 385935

Ion Ratio Lower Upper

180 100

182 96.9 47.4 142.2

145 32.4 16.1 48.2



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

