

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080719\
 Data File : VN057118.D
 Acq On : 7 Aug 2019 22:14
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

Quant Time: Aug 08 06:52:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1293554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1920937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1718690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	684189	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	675264	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	6.98	113	625756	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	9.56	98	2394440	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.92	95	788489	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.82	85	467406	44.957	ug/l	98
3) Chloromethane	2.00	50	647551	46.876	ug/l	98
4) Vinyl Chloride	2.11	62	617919	48.124	ug/l	99
5) Bromomethane	2.42	94	432182	49.537	ug/l	98
6) Chloroethane	2.55	64	395789	48.056	ug/l	99
7) Trichlorofluoromethane	2.82	101	860950	46.648	ug/l	99
8) Diethyl Ether	3.14	74	348132	48.821	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.44	101	528444	47.231	ug/l	100
10) Methyl Iodide	3.63	142	817964	48.379	ug/l	100
11) Tert butyl alcohol	4.23	59	441629	233.282	ug/l	99
12) 1,1-Dichloroethene	3.43	96	541510	49.197	ug/l	99
13) Acrolein	3.31	56	287967	240.450	ug/l	98
14) Allyl chloride	3.91	41	779264	48.717	ug/l	100
15) Acrylonitrile	4.45	53	1274371	248.727	ug/l	99
16) Acetone	3.47	43	938058	233.487	ug/l	99
17) Carbon Disulfide	3.72	76	1466534	50.083	ug/l	99
18) Methyl Acetate	3.89	43	593597	49.584	ug/l	100
19) Methyl tert-butyl Ether	4.49	73	1640311	49.363	ug/l	100
20) Methylene Chloride	4.10	84	627300	47.310	ug/l	99
21) trans-1,2-Dichloroethene	4.51	96	578909	48.282	ug/l	96
22) Diisopropyl ether	5.31	45	1704638	48.857	ug/l	98
23) Vinyl Acetate	5.26	43	6785266	253.960	ug/l	99
24) 1,1-Dichloroethane	5.25	63	1036543	48.327	ug/l	98
25) 2-Butanone	6.20	43	1540082	250.898	ug/l	99
26) 2,2-Dichloropropane	6.21	77	717044	45.951	ug/l	99
27) cis-1,2-Dichloroethene	6.21	96	670755	48.832	ug/l	100
28) Bromochloromethane	6.58	49	507325	51.424	ug/l	98
29) Tetrahydrofuran	6.60	42	1024910	247.862	ug/l	100
30) Chloroform	6.76	83	1042528	46.962	ug/l	99
31) Cyclohexane	7.06	56	905811	46.942	ug/l	97
32) 1,1,1-Trichloroethane	6.98	97	900322	48.346	ug/l	100
36) 1,1-Dichloropropene	7.20	75	789178	49.897	ug/l	100
37) Ethyl Acetate	6.28	43	653737	50.141	ug/l #	99
38) Carbon Tetrachloride	7.18	117	793617	48.147	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	940941	48.922	ug/l	95
40) Benzene	7.46	78	2426377	48.460	ug/l	99
41) Methacrylonitrile	6.55	41	338759	51.151	ug/l	99
42) 1,2-Dichloroethane	7.54	62	753437	47.183	ug/l	99
43) Isopropyl Acetate	7.56	43	1094355	49.186	ug/l	99
44) Trichloroethene	8.27	130	688509	49.083	ug/l	100
45) 1,2-Dichloropropane	8.56	63	633690	48.880	ug/l	100
46) Dibromomethane	8.65	93	407200	48.986	ug/l	100
47) Bromodichloromethane	8.85	83	800907	49.795	ug/l	98
48) Methyl methacrylate	8.64	41	513078	48.904	ug/l	98
49) 1,4-Dioxane	8.64	88	209224	979.148	ug/l	97
51) 4-Methyl-2-Pentanone	9.45	43	3230576	249.484	ug/l	100
52) Toluene	9.63	92	1534585	49.377	ug/l	99
53) t-1,3-Dichloropropene	9.85	75	867544	51.630	ug/l	99
54) cis-1,3-Dichloropropene	9.30	75	984083	51.040	ug/l	100
55) 1,1,2-Trichloroethane	10.04	97	586036	47.951	ug/l	97
56) Ethyl methacrylate	9.90	69	894003	52.244	ug/l	98
57) 1,3-Dichloropropane	10.19	76	989617	49.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	1611503	236.901	ug/l	99
59) 2-Hexanone	10.24	43	2273401	259.409	ug/l	100
60) Dibromochloromethane	10.39	129	660790	51.481	ug/l	99
61) 1,2-Dibromoethane	10.50	107	621745	49.300	ug/l	99
64) Tetrachloroethene	10.11	164	667754	46.718	ug/l	94
65) Chlorobenzene	10.93	112	1684048	48.698	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.01	131	632953	48.958	ug/l	100
67) Ethyl Benzene	11.01	91	2942965	49.447	ug/l	98
68) m/p-Xylenes	11.12	106	2216210	101.074	ug/l	99
69) o-Xylene	11.46	106	1071812	49.115	ug/l	99
70) Styrene	11.47	104	1766550	51.828	ug/l	100
71) Bromoform	11.64	173	488467	51.578	ug/l #	99
73) Isopropylbenzene	11.76	105	2903959	52.229	ug/l	99
74) N-amyl acetate	11.58	43	852890	49.192	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.02	83	794672	53.562	ug/l	100
76) 1,2,3-Trichloropropane	12.07	75	959768	73.254	ug/l #	100
77) Bromobenzene	12.04	156	749764	45.592	ug/l	100
78) n-propylbenzene	12.11	91	3117794	47.500	ug/l	100
79) 2-Chlorotoluene	12.19	91	1876219	51.355	ug/l	100
80) 1,3,5-Trimethylbenzene	12.26	105	2421247	45.839	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.82	75	225249	48.407	ug/l	99
82) 4-Chlorotoluene	12.29	91	1798096	47.312	ug/l	99
83) tert-Butylbenzene	12.52	119	2130024	51.205	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	2330354	45.643	ug/l	100
85) sec-Butylbenzene	12.70	105	2727418	45.755	ug/l	99
86) p-Isopropyltoluene	12.82	119	2452441	46.886	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	1155170	49.340	ug/l	99
88) 1,4-Dichlorobenzene	12.89	146	1099417	49.562	ug/l	100
89) n-Butylbenzene	13.15	91	1851084	51.223	ug/l	98
90) Hexachloroethane	13.41	117	425796	51.234	ug/l	97
91) 1,2-Dichlorobenzene	13.18	146	1113434	47.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	110526	45.955	ug/l	98

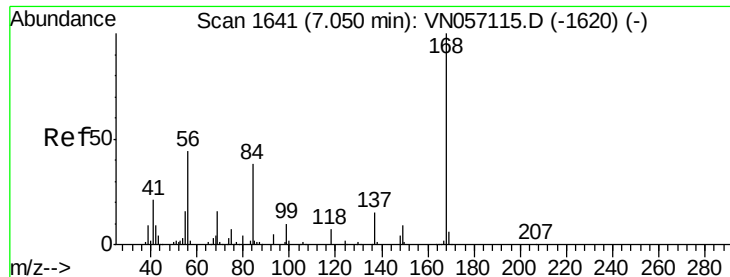
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	439480	44.995	ug/l	98
94) Hexachlorobutadiene	14.55	225	438045	53.987	ug/l	99
95) Naphthalene	14.66	128	992137	49.960	ug/l	99
96) 1,2,3-Trichlorobenzene	14.83	180	446451	44.274	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

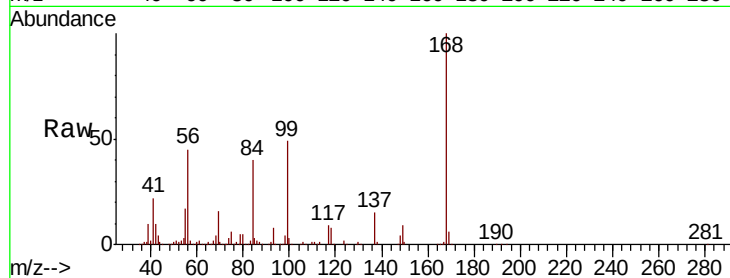
ICVFN080719

Tgt Ion:168 Resp: 1293554

Ion Ratio Lower Upper

168 100

99 48.6 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057118.D (-1548) (-)

Ion 98.90 (98.60 to 99.60): VN057118.D (-1548) (-)

7.05

600000

500000

400000

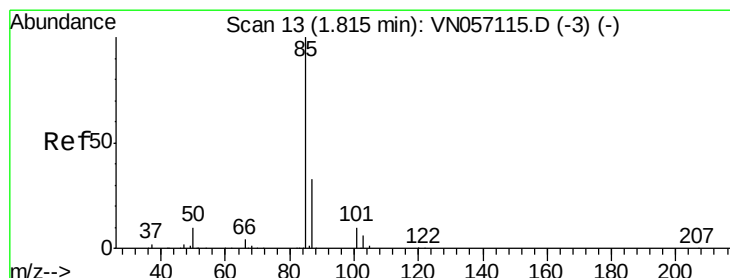
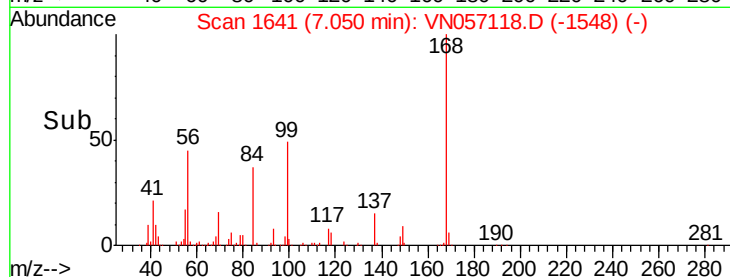
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.957 ug/l

RT: 1.82 min Scan# 14

Delta R.T. 0.00 min

Lab File: VN057118.D

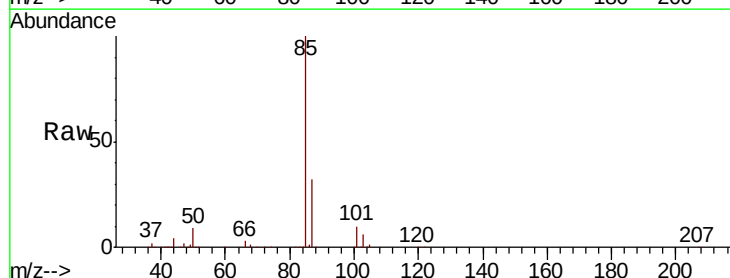
Acq: 7 Aug 2019 22:14

Tgt Ion: 85 Resp: 467406

Ion Ratio Lower Upper

85 100

87 31.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VN057118.D (-1)

Ion 86.90 (86.60 to 87.60): VN057118.D (-1)

1.82

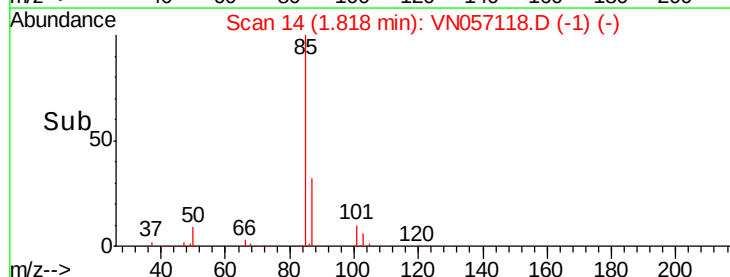
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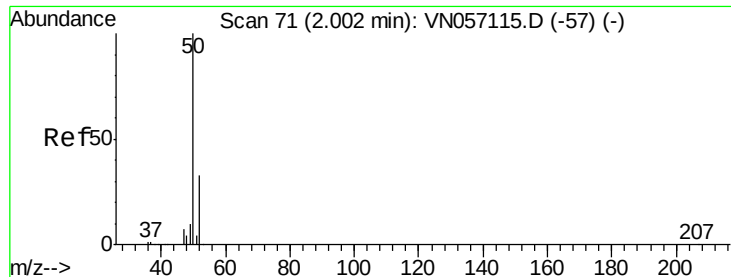
200000

100000

0

Time-->





#3

Chloromethane

Concen: 46.876 ug/l

RT: 2.00 min Scan# 71

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

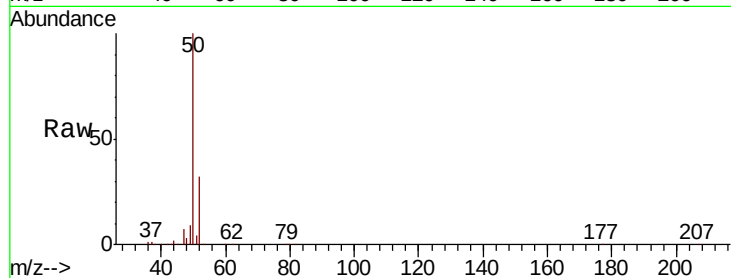
ICVVN080719

Tgt Ion: 50 Resp: 647551

Ion Ratio Lower Upper

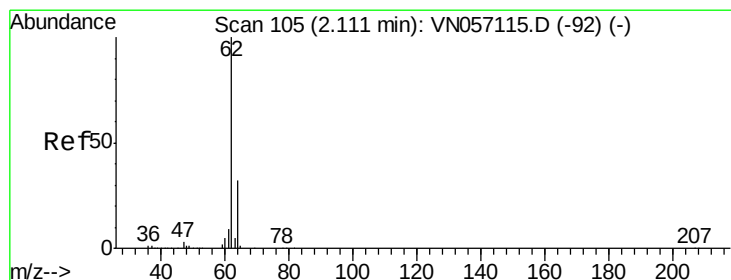
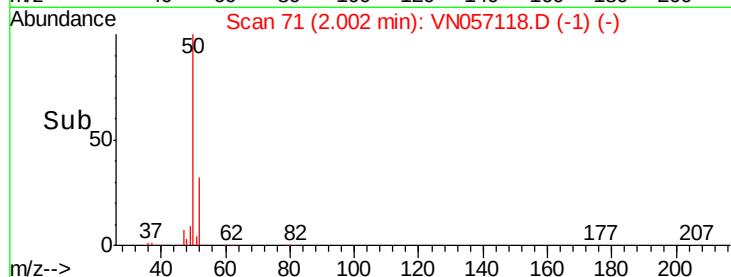
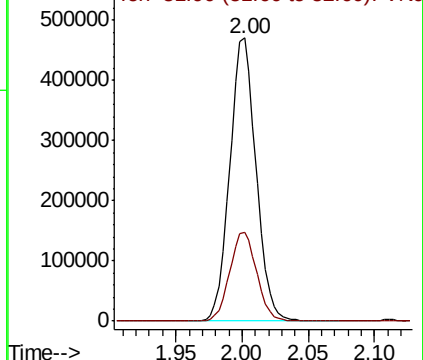
50 100

52 31.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 48.124 ug/l

RT: 2.11 min Scan# 105

Delta R.T. -0.00 min

Lab File: VN057118.D

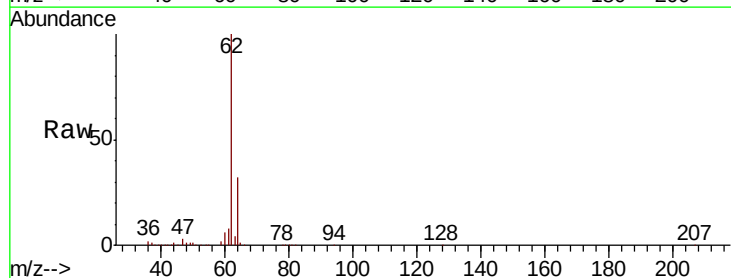
Acq: 7 Aug 2019 22:14

Tgt Ion: 62 Resp: 617919

Ion Ratio Lower Upper

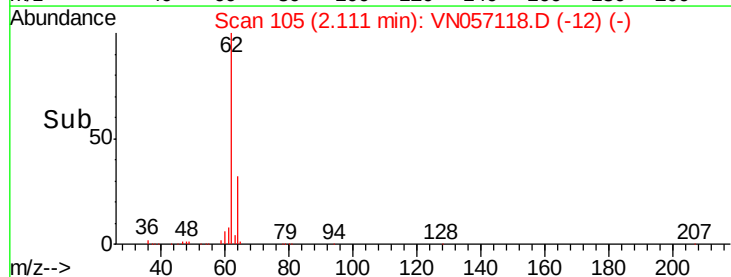
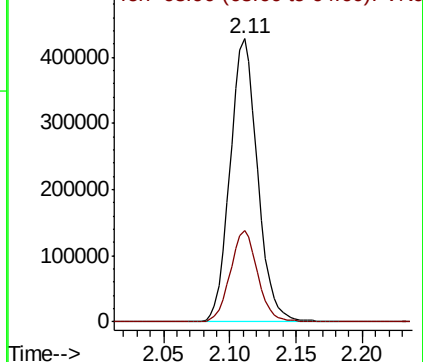
62 100

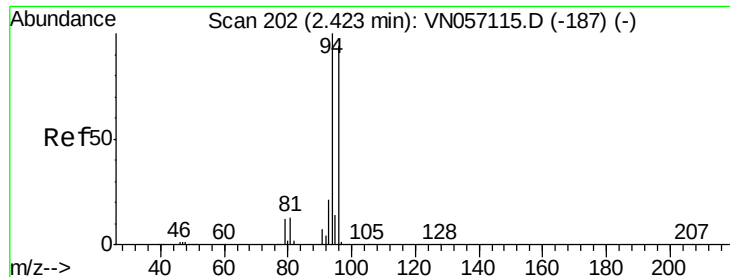
64 32.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 49.537 ug/l

RT: 2.42 min Scan# 202

Delta R.T. 0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

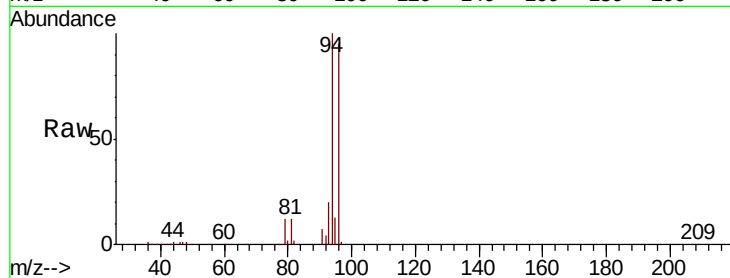
ICVVN080719

Tgt Ion: 94 Resp: 432182

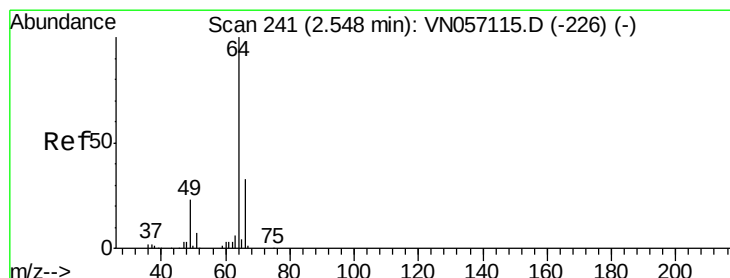
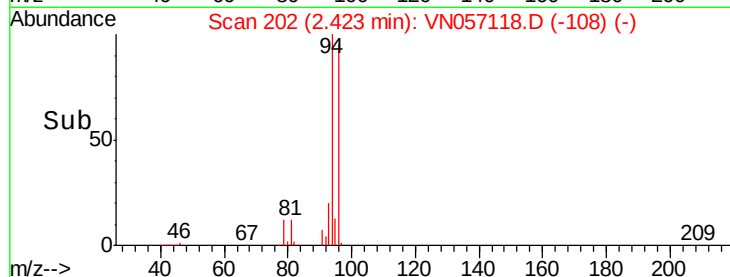
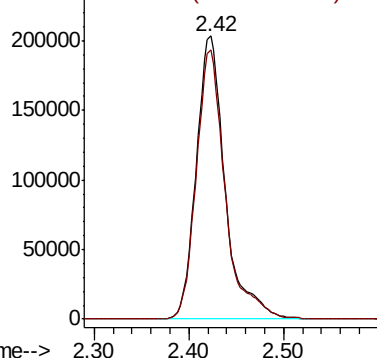
Ion Ratio Lower Upper

94 100

96 95.2 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 48.056 ug/l

RT: 2.55 min Scan# 241

Delta R.T. -0.00 min

Lab File: VN057118.D

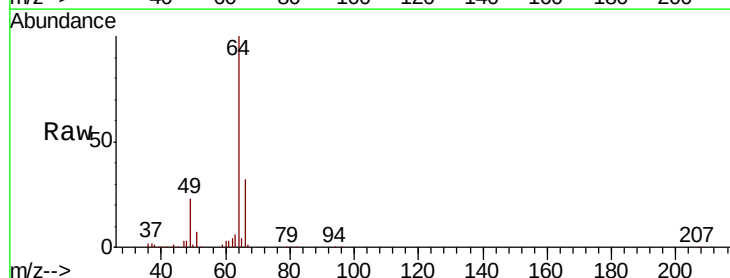
Acq: 7 Aug 2019 22:14

Tgt Ion: 64 Resp: 395789

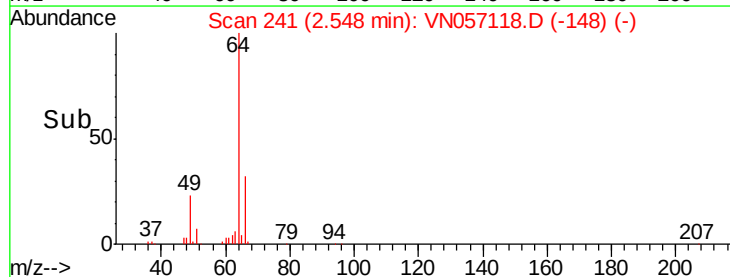
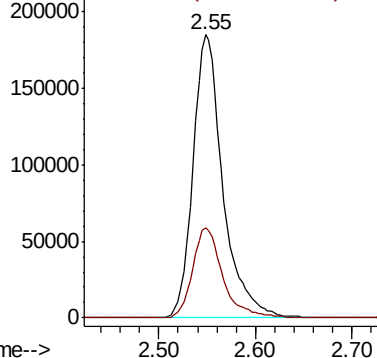
Ion Ratio Lower Upper

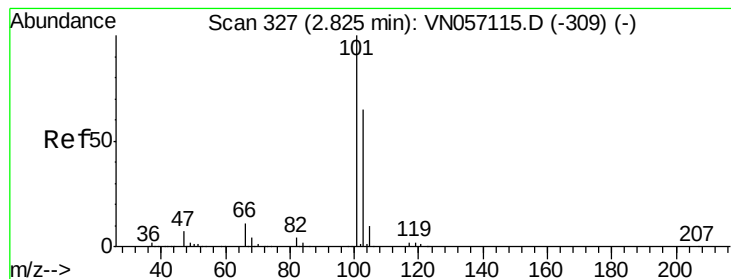
64 100

66 32.0 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



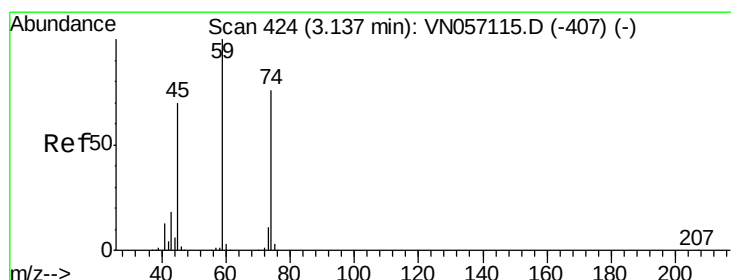
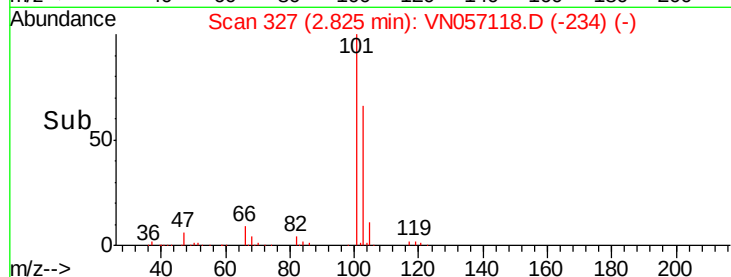
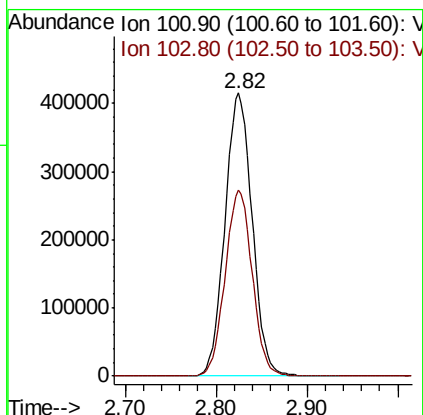
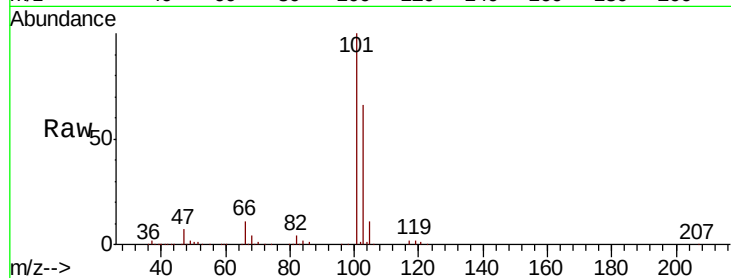


#7

Trichlorofluoromethane
 Concen: 46.648 ug/l
 RT: 2.82 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VN057118.D
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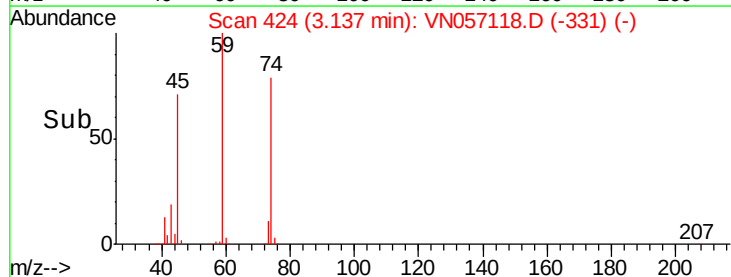
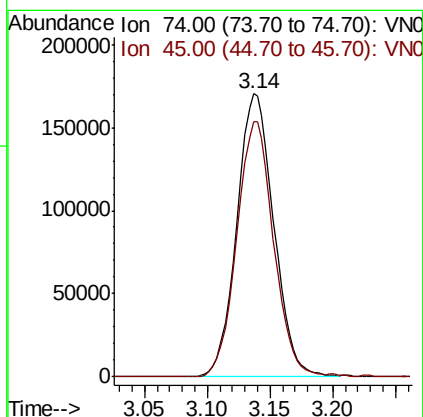
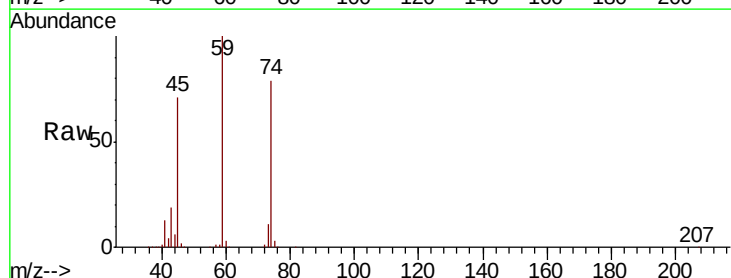
Tgt Ion: 101 Resp: 860950
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.2 78.4

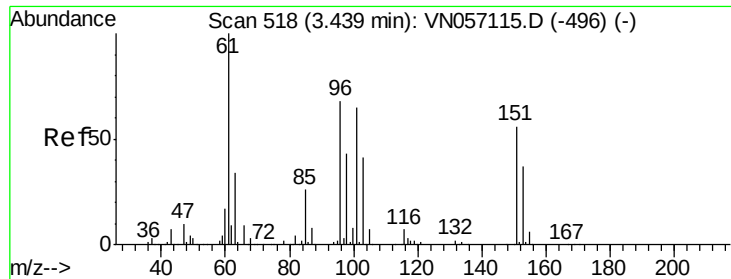


#8

Diethyl Ether
 Concen: 48.821 ug/l
 RT: 3.14 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion: 74 Resp: 348132
 Ion Ratio Lower Upper
 74 100
 45 89.4 46.3 138.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.231 ug/l

RT: 3.44 min Scan# 518

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

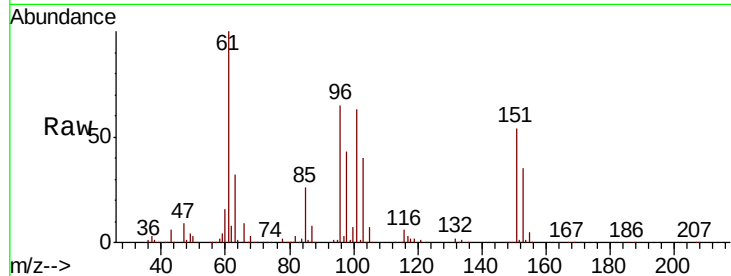
Tgt Ion:101 Resp: 528444

Ion Ratio Lower Upper

101 100

85 41.1 32.3 48.5

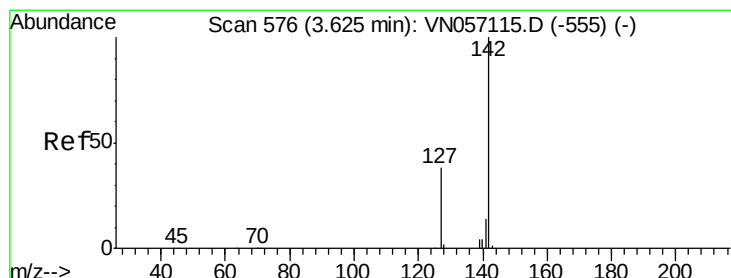
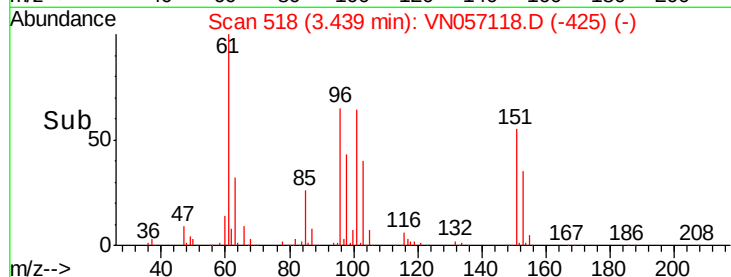
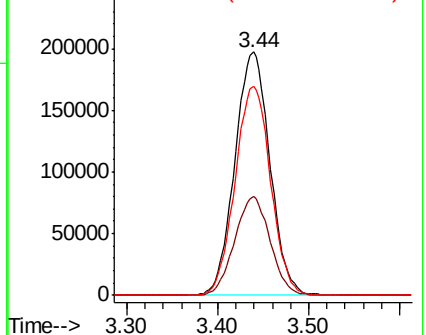
151 86.9 69.4 104.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.379 ug/l

RT: 3.63 min Scan# 576

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

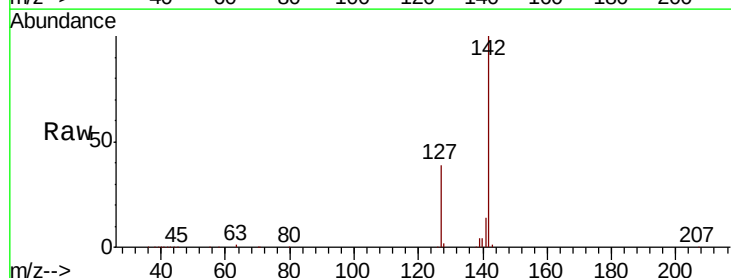
Tgt Ion:142 Resp: 817964

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.6

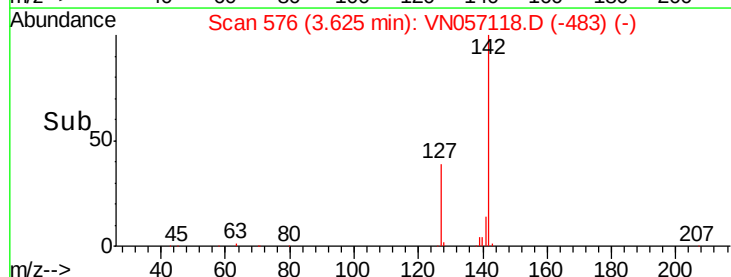
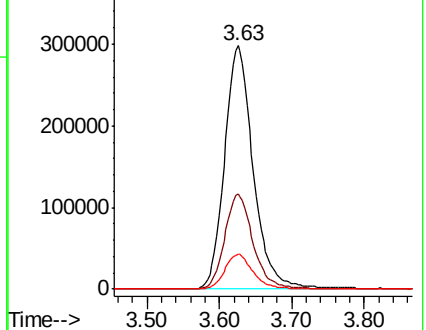
141 14.1 11.2 16.8

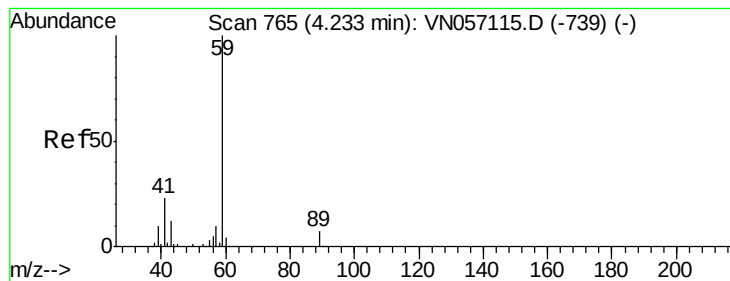


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



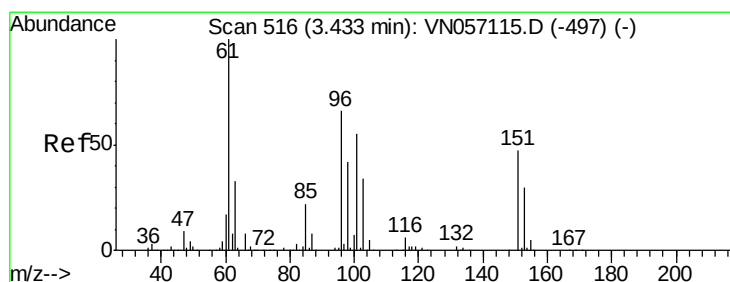
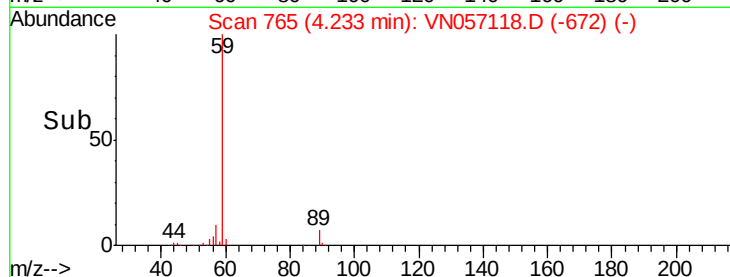
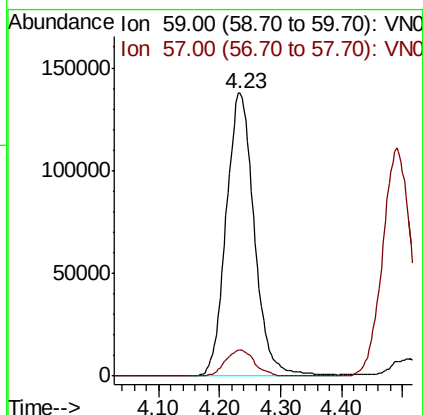
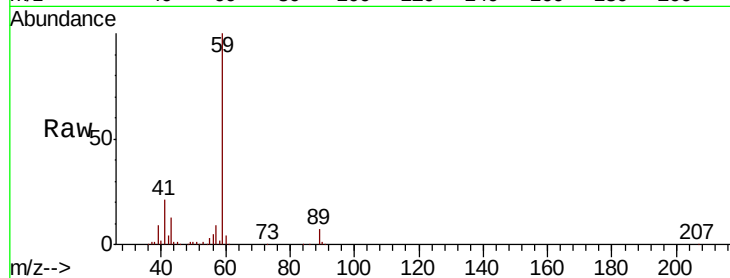


#11

Tert butyl alcohol
 Concen: 233.282 ug/l
 RT: 4.23 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

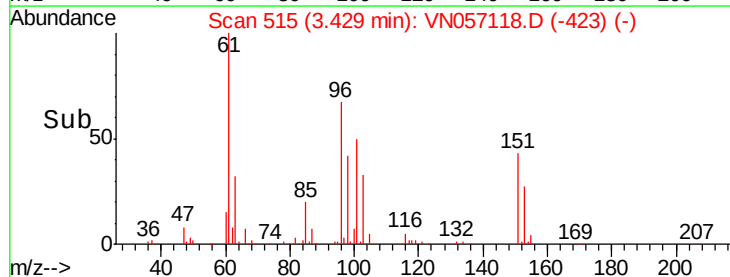
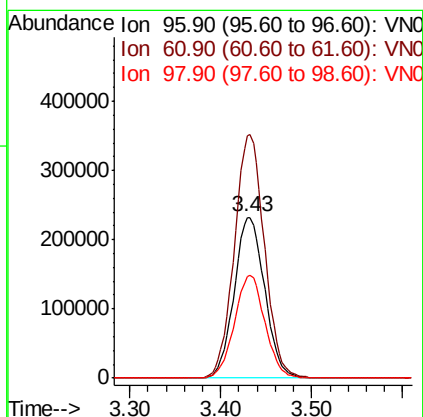
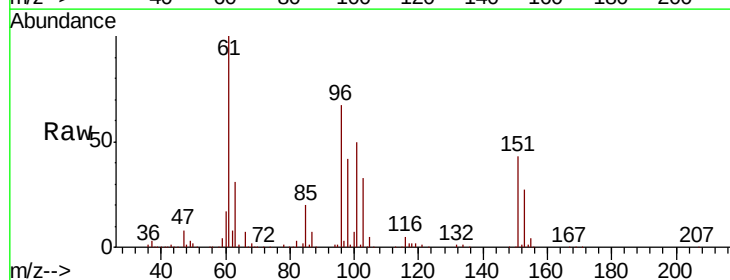
Tgt Ion: 59 Resp: 441629
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.9 11.9

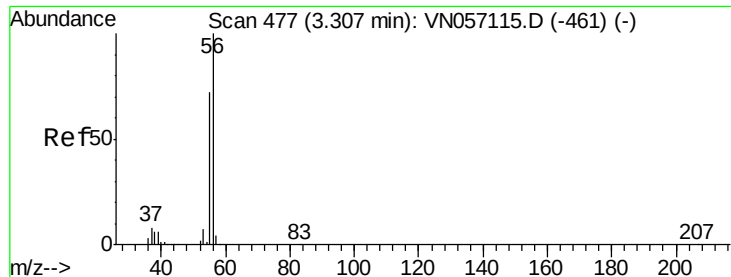


#12

1,1-Dichloroethene
 Concen: 49.197 ug/l
 RT: 3.43 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion: 96 Resp: 541510
 Ion Ratio Lower Upper
 96 100
 61 150.2 121.0 181.6
 98 62.8 50.8 76.2





#13

Acrolein

Concen: 240.450 ug/l

RT: 3.31 min Scan# 477

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

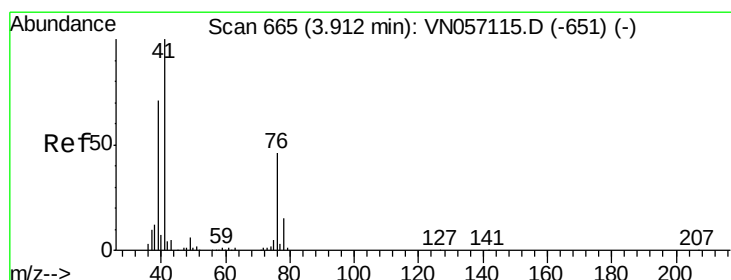
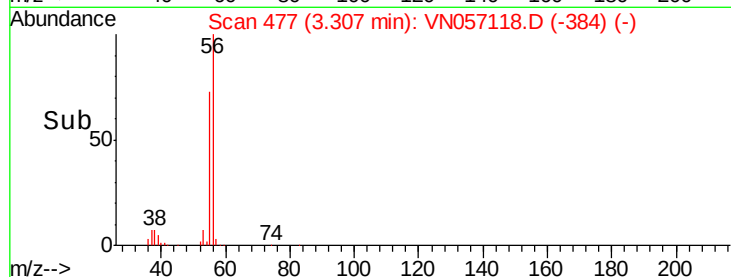
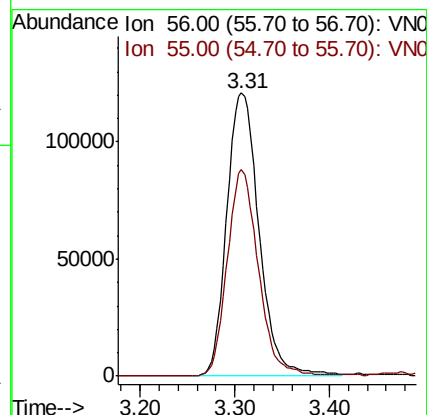
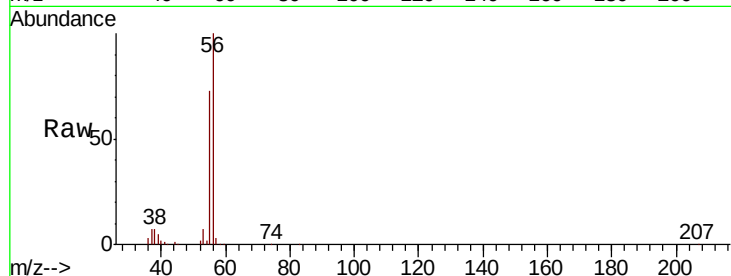
ICVFN080719

Tgt Ion: 56 Resp: 287967

Ion Ratio Lower Upper

56 100

55 70.3 57.7 86.5



#14

Allyl chloride

Concen: 48.717 ug/l

RT: 3.91 min Scan# 665

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

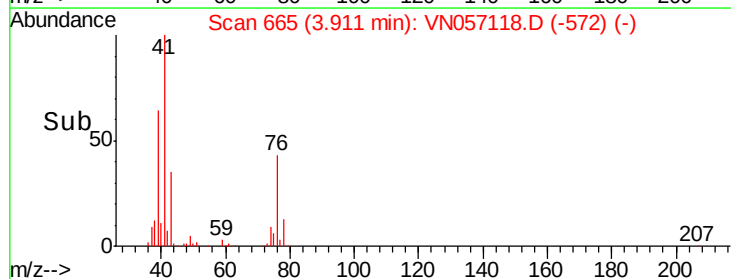
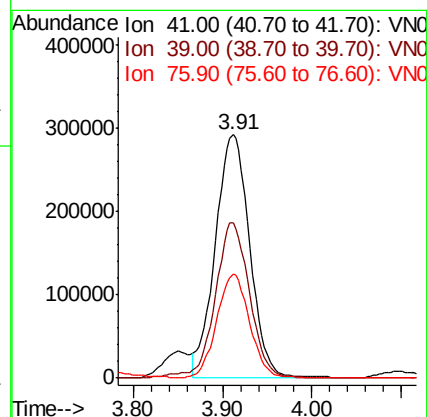
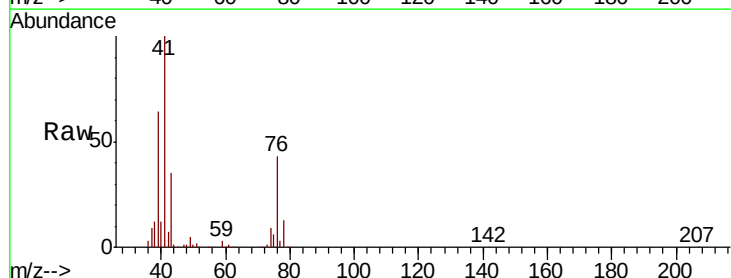
Tgt Ion: 41 Resp: 779264

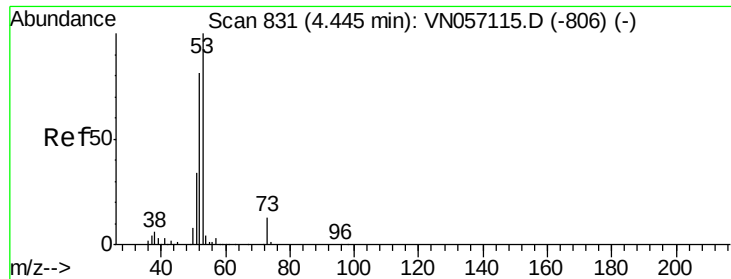
Ion Ratio Lower Upper

41 100

39 63.9 51.1 76.7

76 40.4 32.8 49.2





#15

Acrylonitrile

Concen: 248.727 ug/l

RT: 4.45 min Scan# 831

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVFN080719

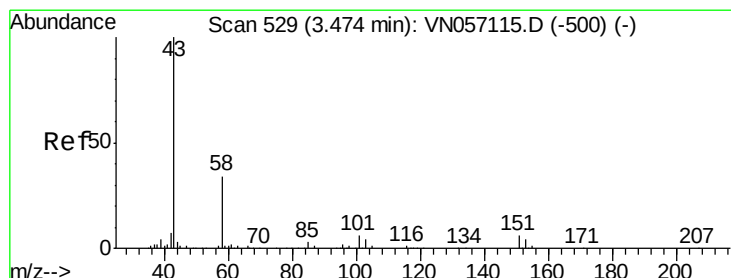
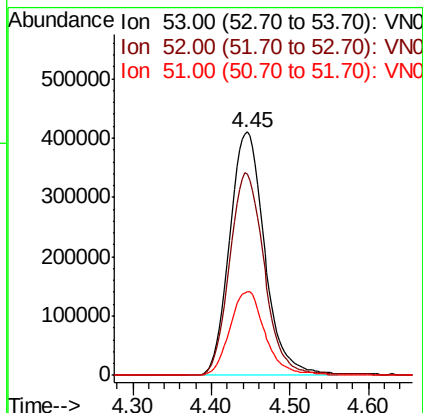
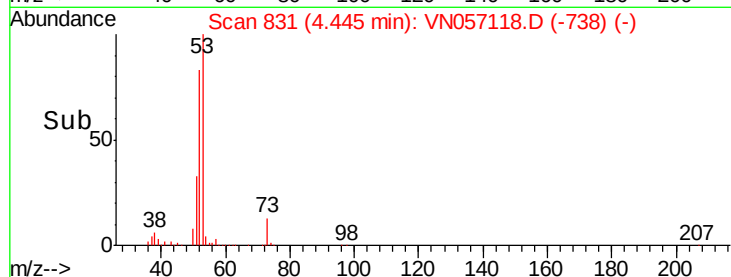
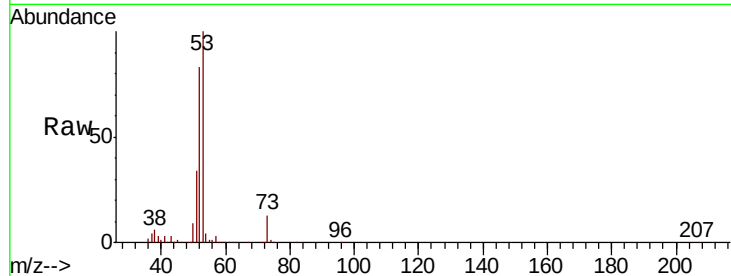
Tgt Ion: 53 Resp: 1274371

Ion Ratio Lower Upper

53 100

52 82.6 64.9 97.3

51 35.0 27.8 41.6



#16

Acetone

Concen: 233.487 ug/l

RT: 3.47 min Scan# 529

Delta R.T. -0.00 min

Lab File: VN057118.D

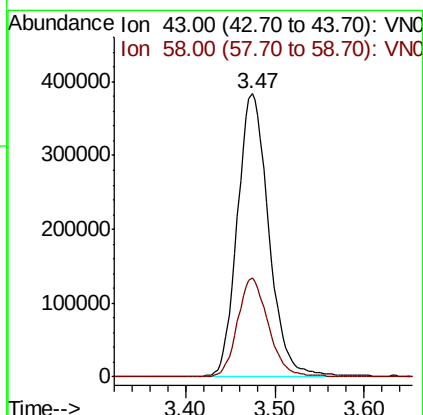
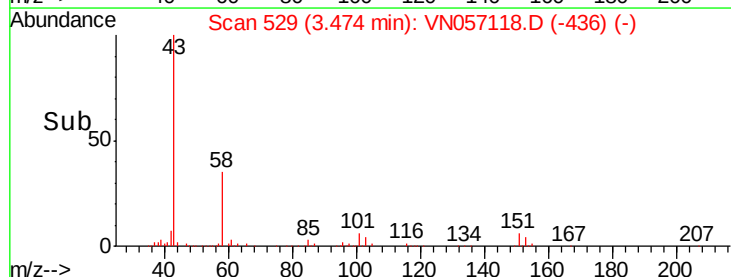
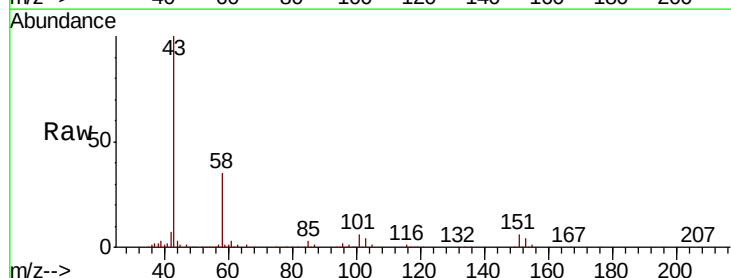
Acq: 7 Aug 2019 22:14

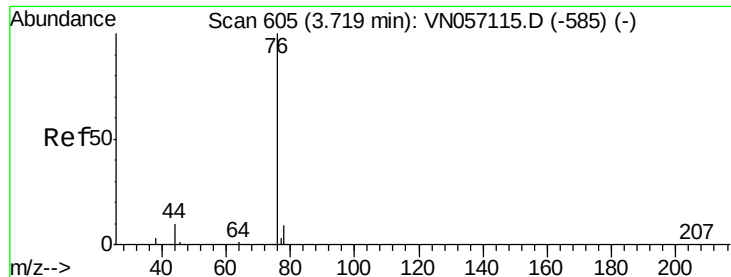
Tgt Ion: 43 Resp: 938058

Ion Ratio Lower Upper

43 100

58 34.8 27.4 41.2





#17

Carbon Disulfide

Concen: 50.083 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

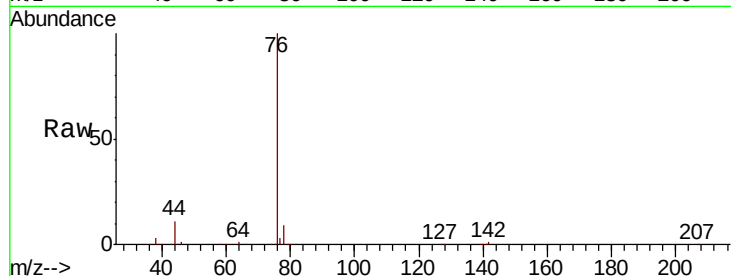
ICVVN080719

Tgt Ion: 76 Resp: 1466534

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN057118.D (-585) (-)

Ion 77.90 (77.60 to 78.60): VN057118.D (-585) (-)

3.72

600000

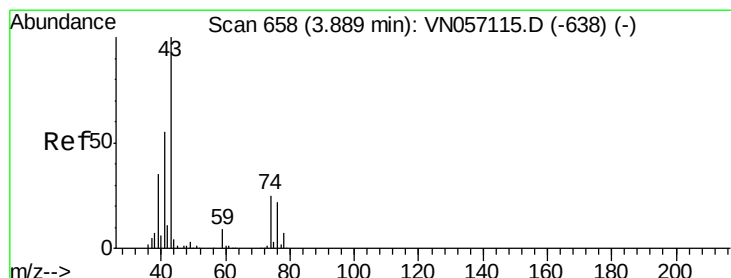
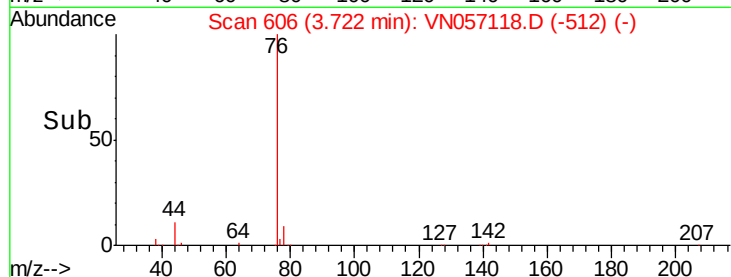
400000

200000

0

3.60 3.70 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: 49.584 ug/l

RT: 3.89 min Scan# 658

Delta R.T. -0.00 min

Lab File: VN057118.D

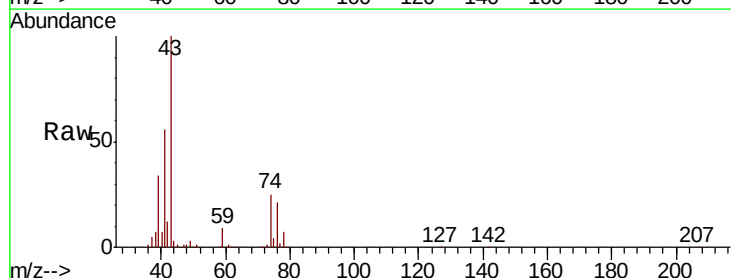
Acq: 7 Aug 2019 22:14

Tgt Ion: 43 Resp: 593597

Ion Ratio Lower Upper

43 100

74 25.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN057118.D (-565) (-)

Ion 74.00 (73.70 to 74.70): VN057118.D (-565) (-)

3.89

250000

200000

150000

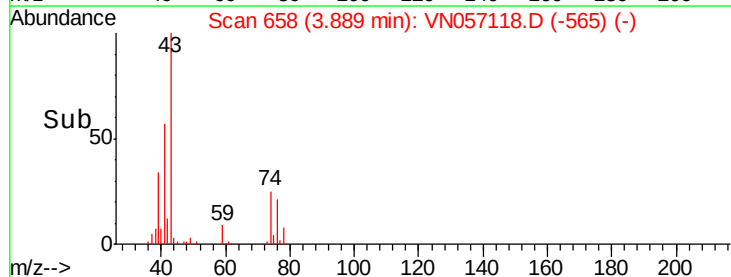
100000

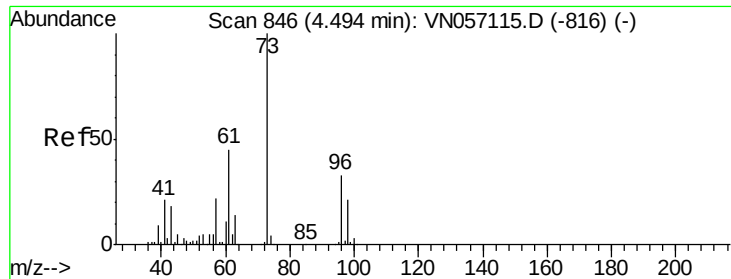
50000

0

3.80 3.90 4.00

Time-->

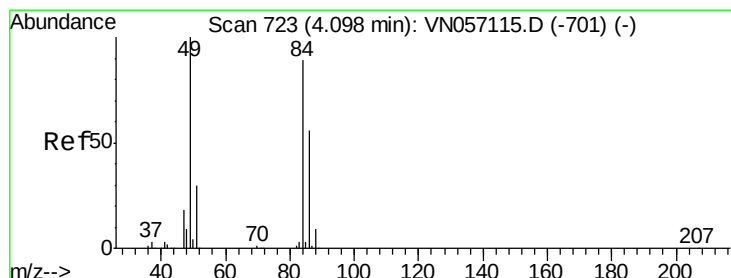
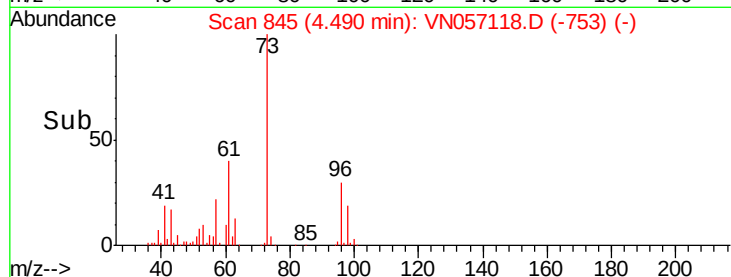
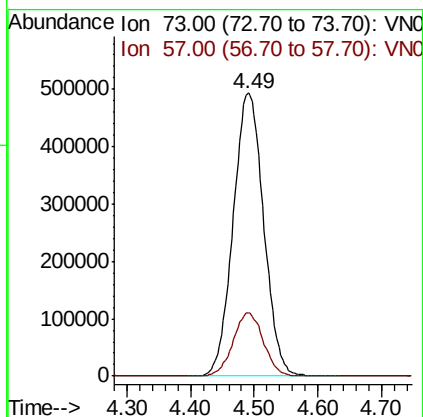
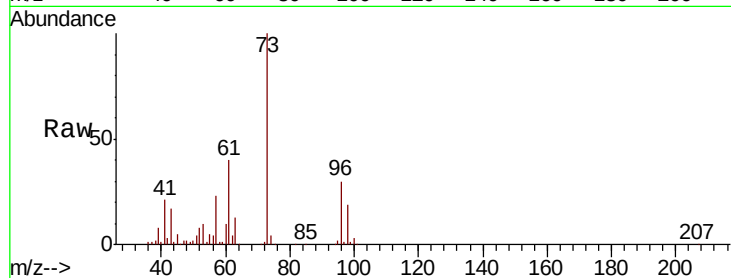




#19
Methyl tert-butyl Ether
Concen: 49.363 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

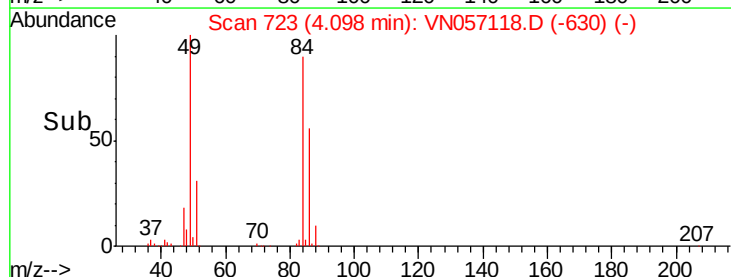
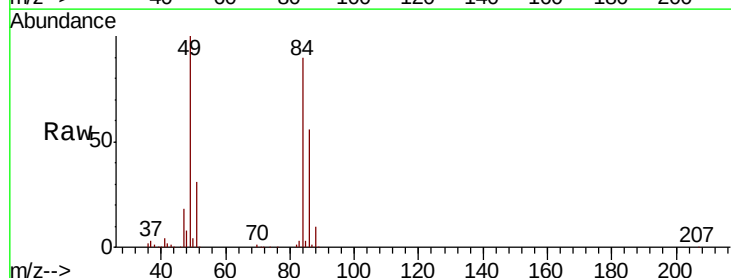
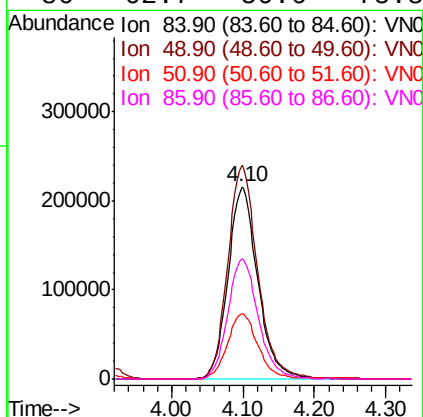
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080719

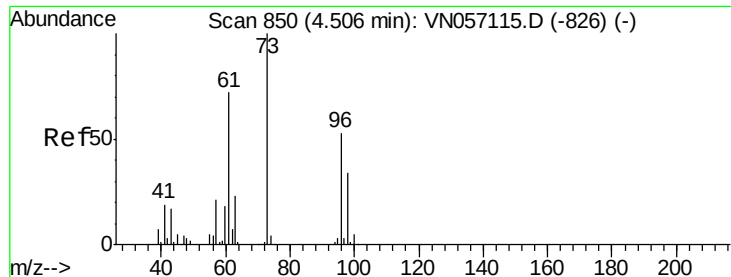
Tgt Ion: 73 Resp: 1640311
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 47.310 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

Tgt Ion: 84 Resp: 627300
Ion Ratio Lower Upper
84 100
49 111.1 89.5 134.3
51 34.3 27.2 40.8
86 62.7 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.282 ug/l

RT: 4.51 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

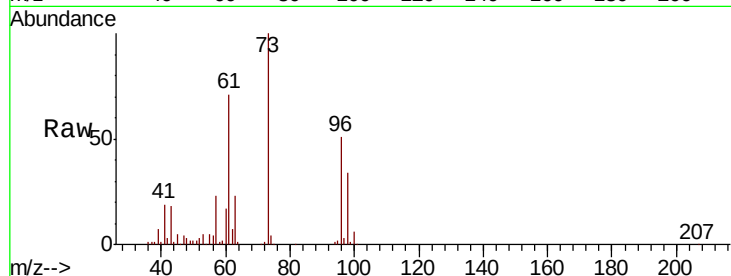
Tgt Ion: 96 Resp: 578909

Ion Ratio Lower Upper

96 100

61 138.7 108.1 162.1

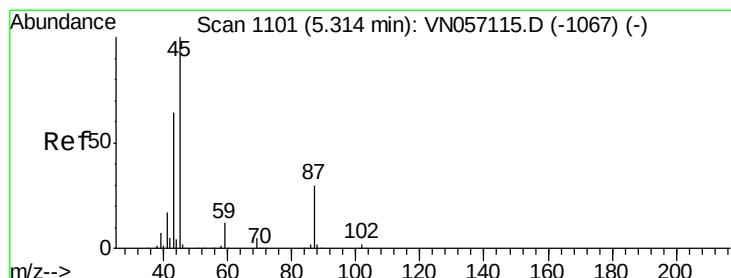
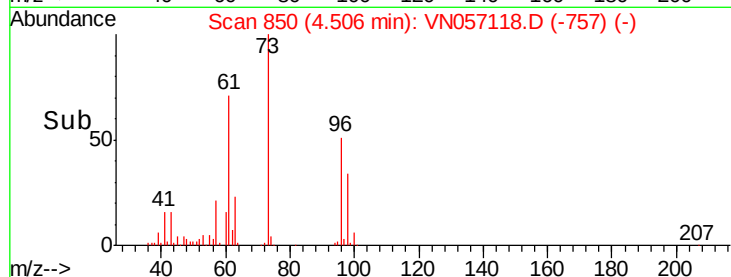
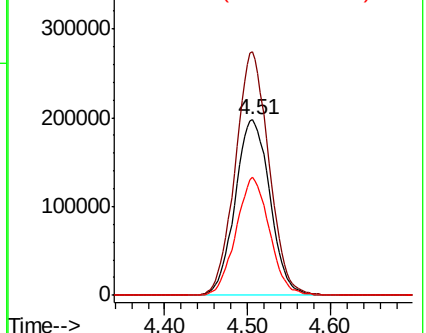
98 67.0 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.857 ug/l

RT: 5.31 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Tgt Ion: 45 Resp: 1704638

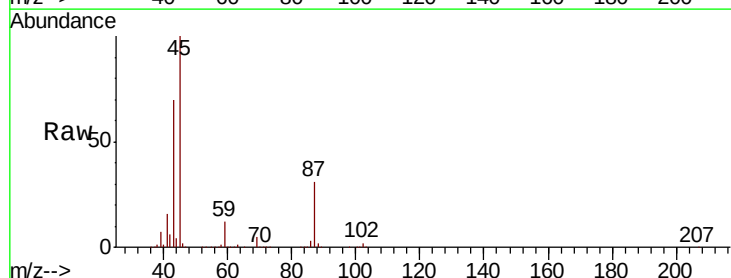
Ion Ratio Lower Upper

45 100

43 69.3 54.1 81.1

87 31.0 24.0 36.0

59 12.1 10.0 15.0

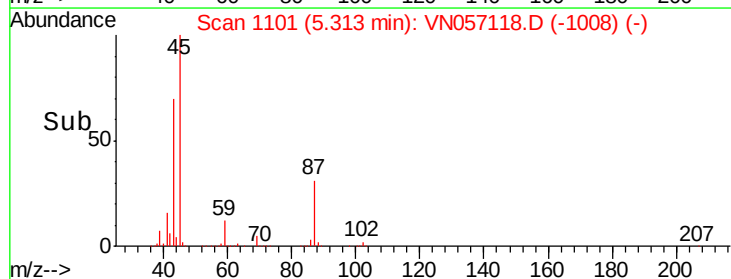
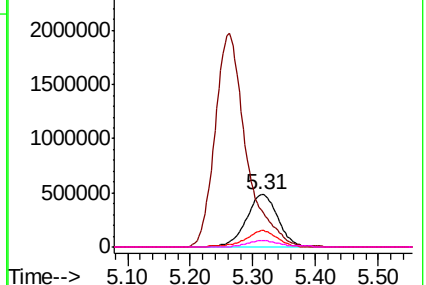


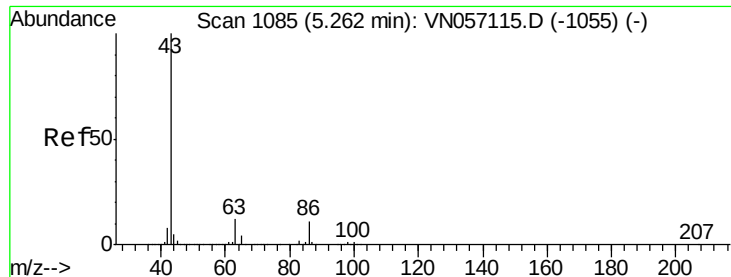
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 253.960 ug/l

RT: 5.26 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

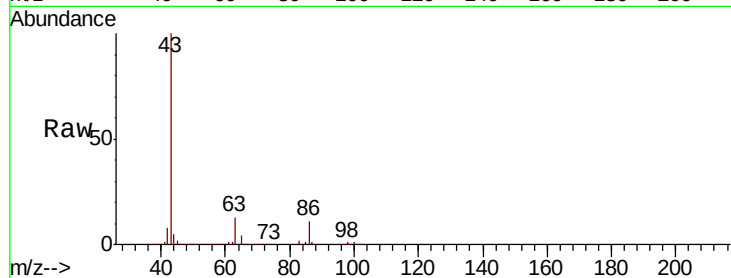
ICVVN080719

Tgt Ion: 43 Resp: 6785266

Ion Ratio Lower Upper

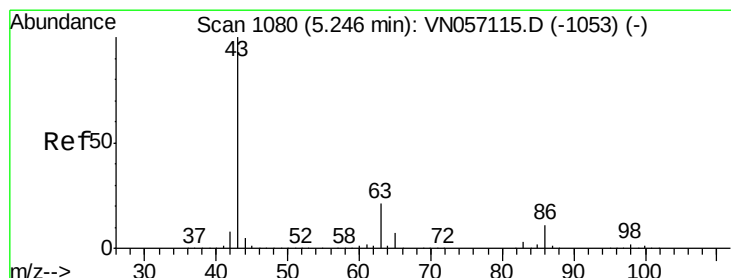
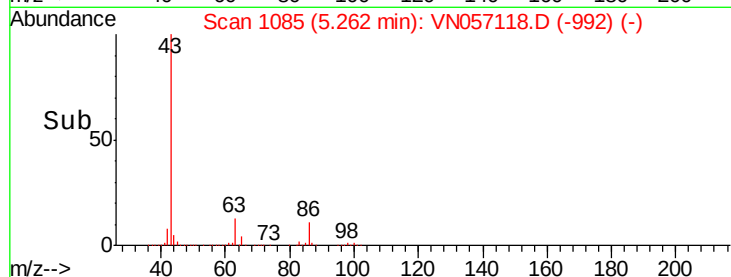
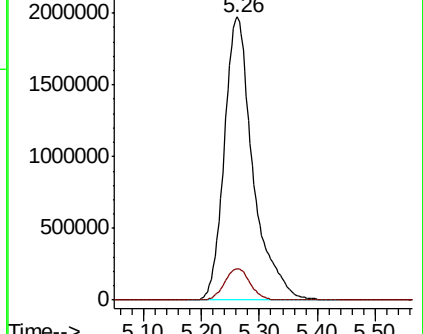
43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.327 ug/l

RT: 5.25 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

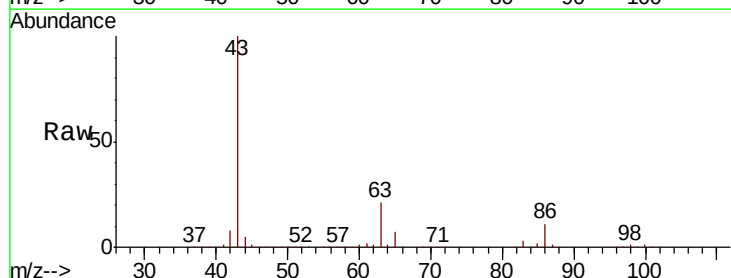
Tgt Ion: 63 Resp: 1036543

Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.2

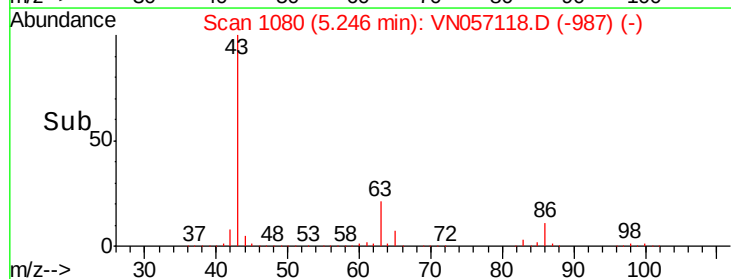
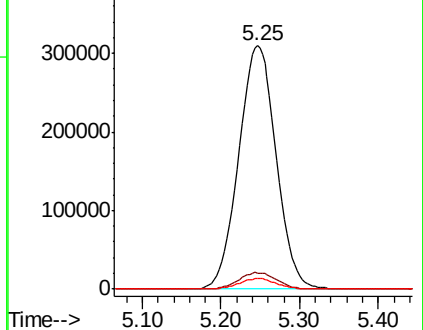
100 4.4 2.1 6.3

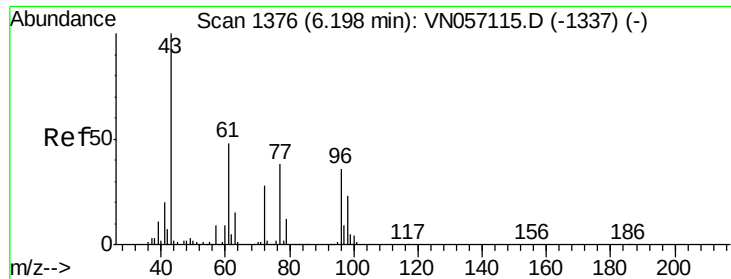


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

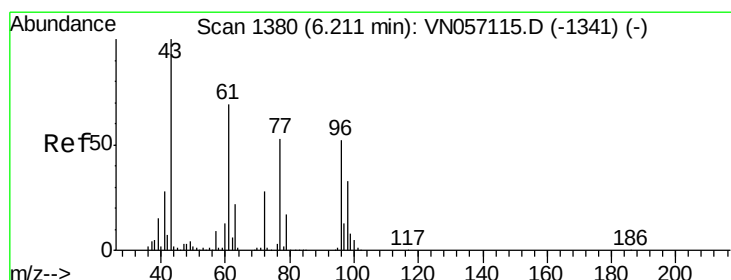
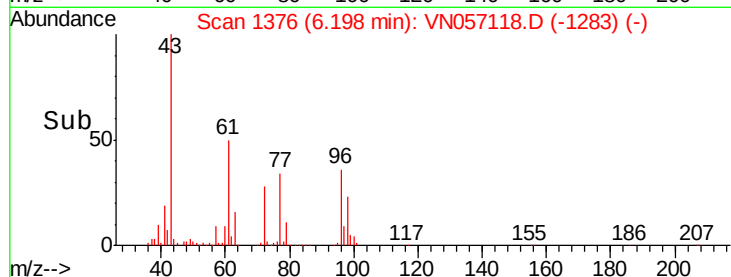
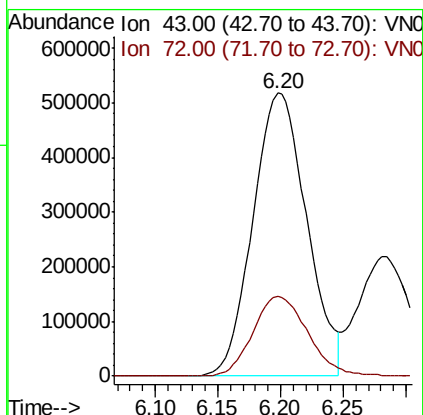
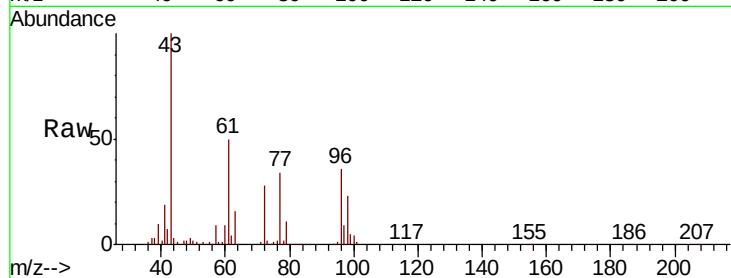




#25
2-Butanone
Concen: 250.898 ug/l
RT: 6.20 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

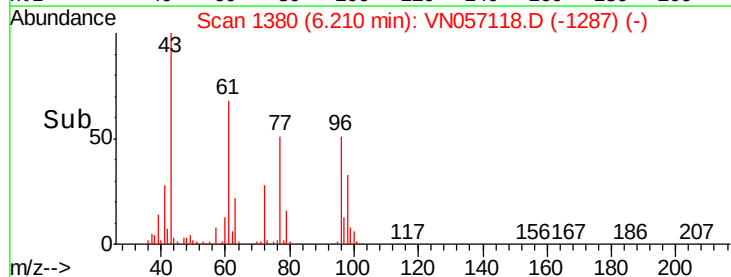
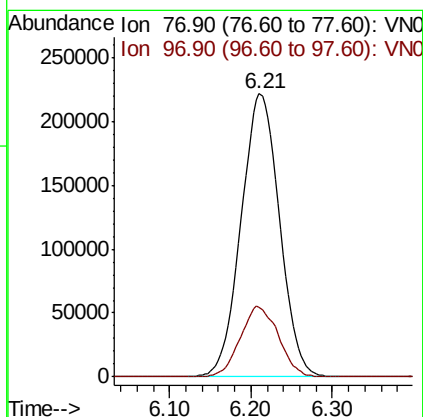
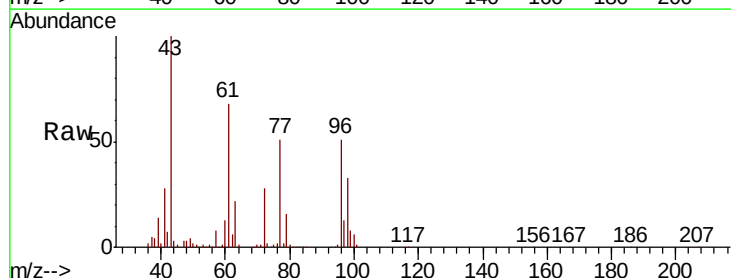
Instrument :
MSVOA_N
ClientSampled :
ICVVN080719

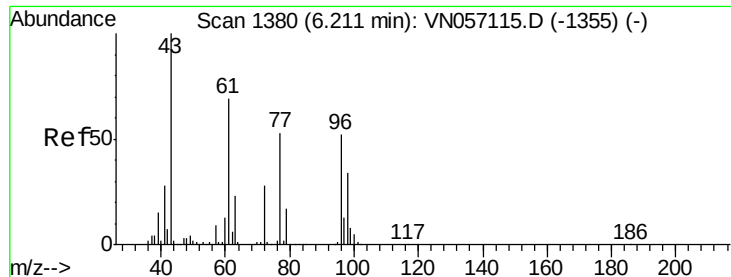
Tgt Ion: 43 Resp: 1540082
Ion Ratio Lower Upper
43 100
72 28.4 22.2 33.4



#26
2,2-Dichloropropane
Concen: 45.951 ug/l
RT: 6.21 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

Tgt Ion: 77 Resp: 717044
Ion Ratio Lower Upper
77 100
97 25.1 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 48.832 ug/l

RT: 6.21 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

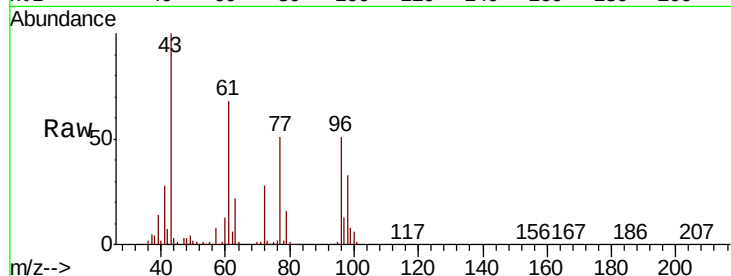
Tgt Ion: 96 Resp: 670755

Ion Ratio Lower Upper

96 100

61 136.7 0.0 273.4

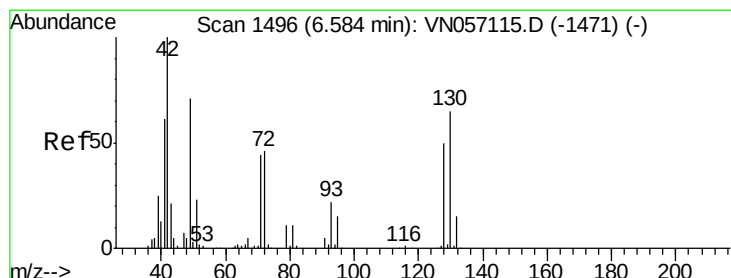
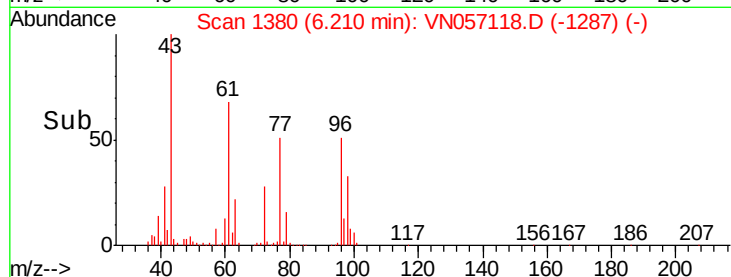
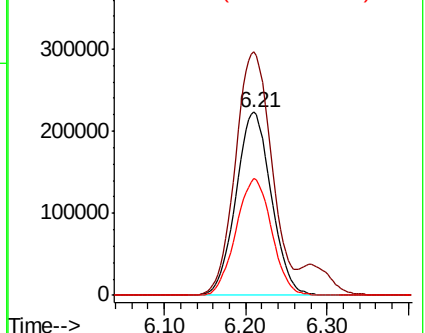
98 64.2 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.424 ug/l

RT: 6.58 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

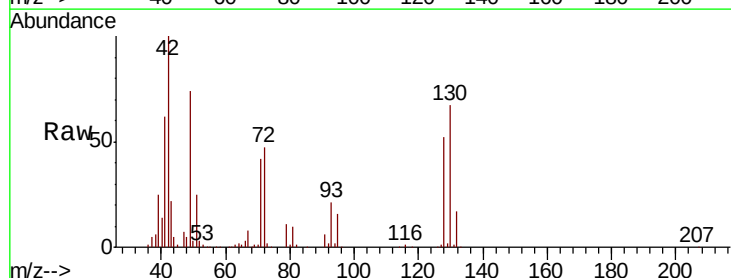
Tgt Ion: 49 Resp: 507325

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

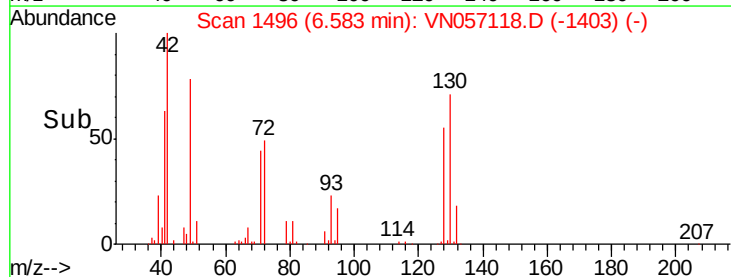
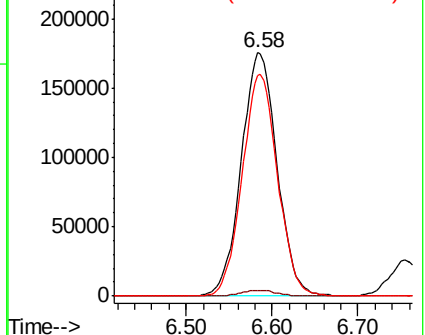
130 90.2 73.8 110.8

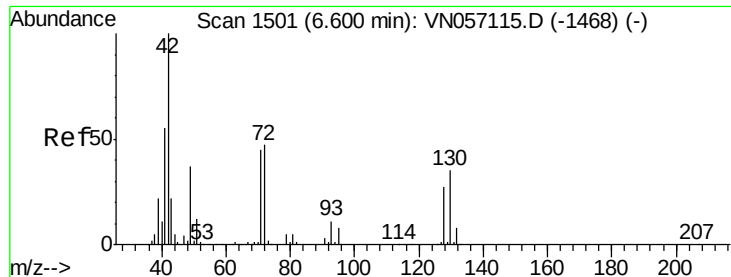


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 247.862 ug/l

RT: 6.60 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

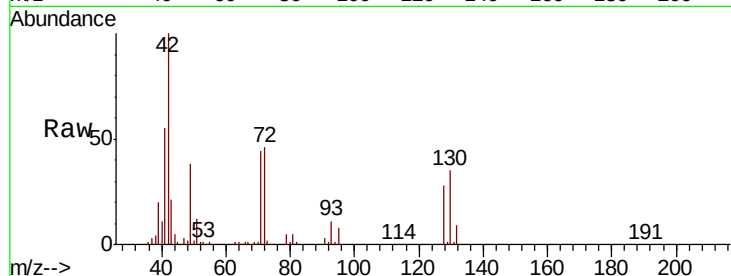
Tgt Ion: 42 Resp: 1024910

Ion Ratio Lower Upper

42 100

72 46.4 37.1 55.7

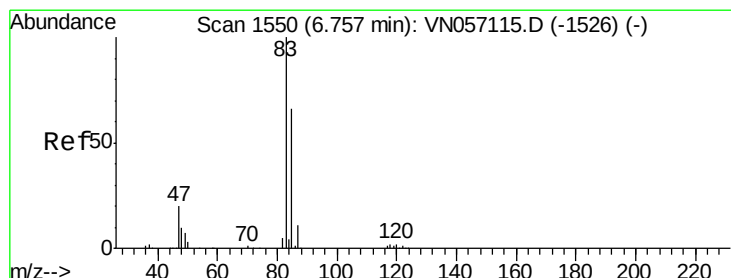
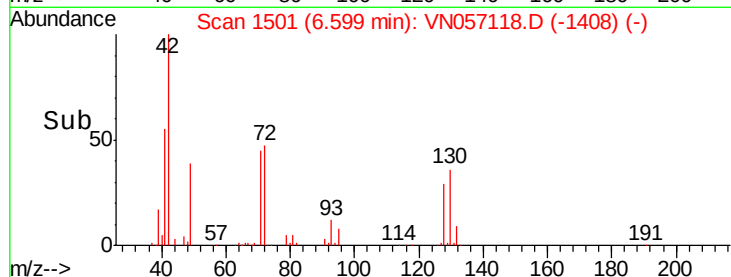
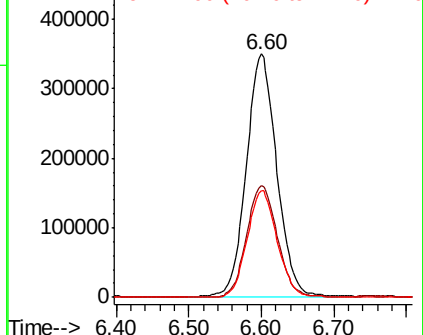
71 43.3 34.8 52.2



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 46.962 ug/l

RT: 6.76 min Scan# 1550

Delta R.T. -0.00 min

Lab File: VN057118.D

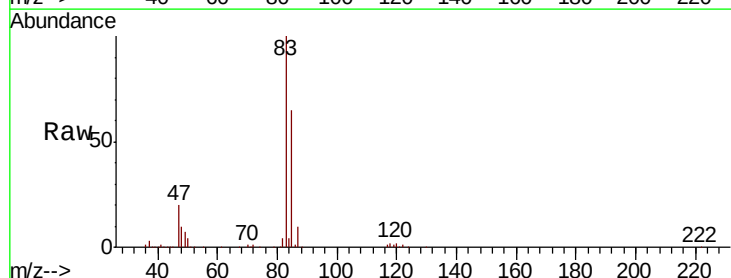
Acq: 7 Aug 2019 22:14

Tgt Ion: 83 Resp: 1042528

Ion Ratio Lower Upper

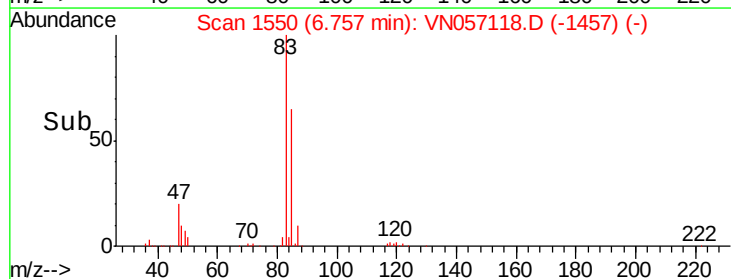
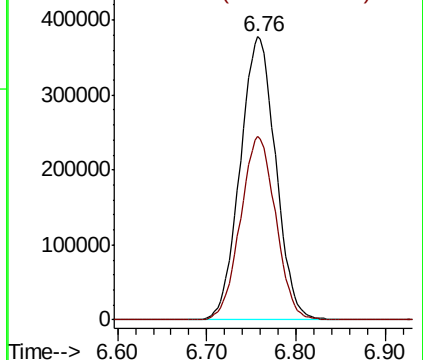
83 100

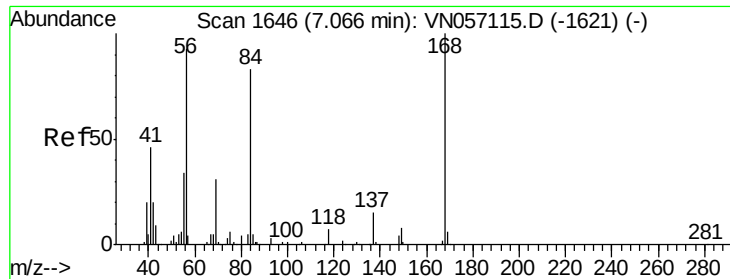
85 64.9 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

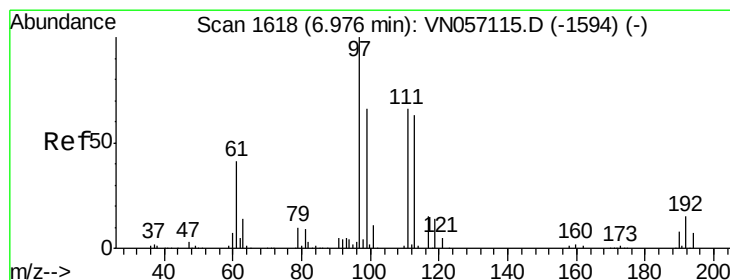
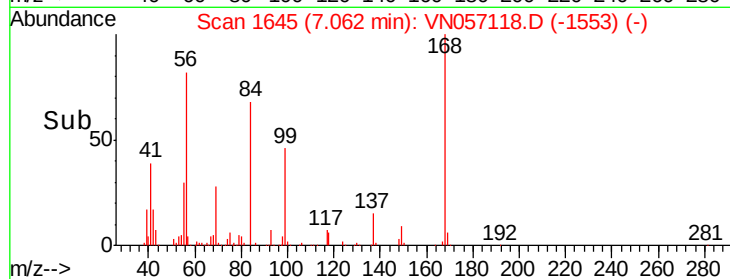
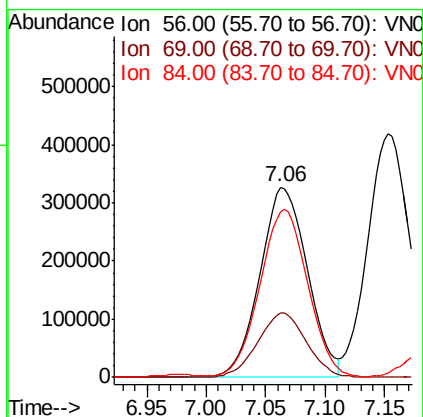
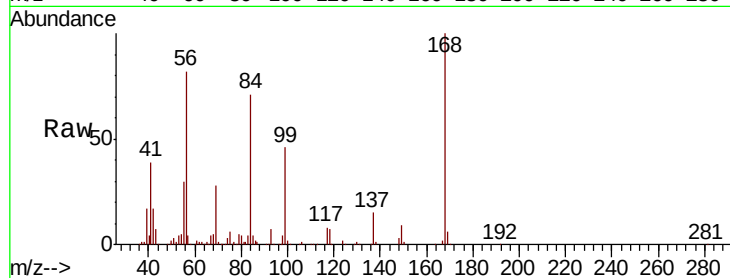




#31
Cyclohexane
Concen: 46.942 ug/l
RT: 7.06 min Scan# 1645
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

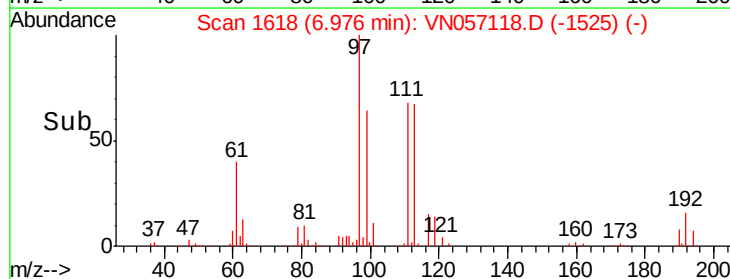
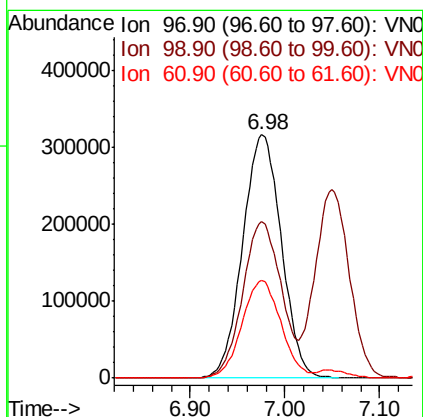
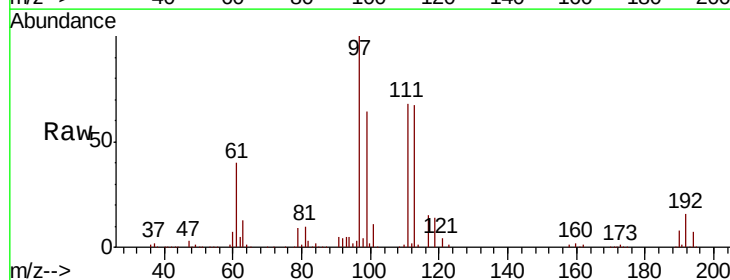
Instrument :
MSVOA_N
ClientSampled :
ICVVN080719

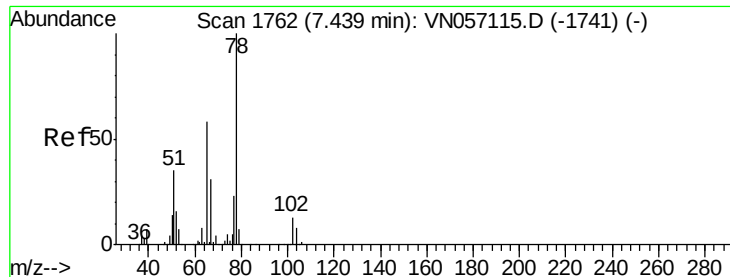
Tgt Ion: 56 Resp: 905811
Ion Ratio Lower Upper
56 100
69 33.9 26.9 40.3
84 85.8 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 48.346 ug/l
RT: 6.98 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

Tgt Ion: 97 Resp: 900322
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 40.5 32.7 49.1

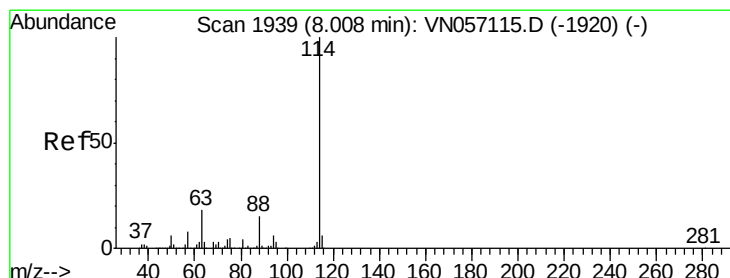
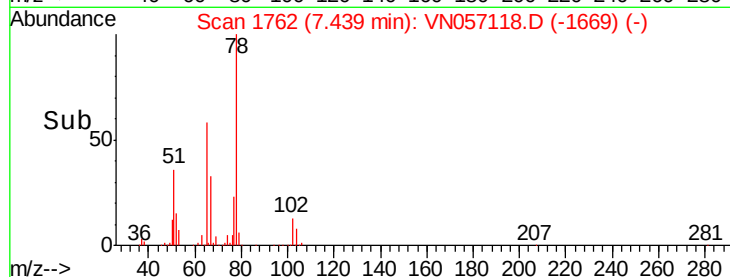
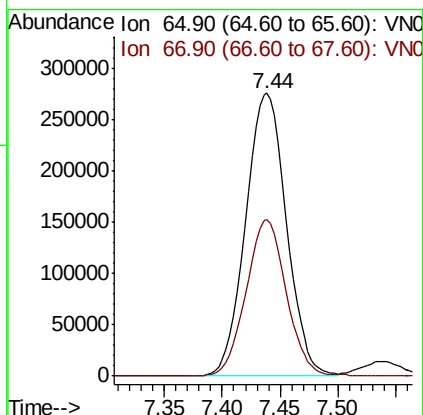
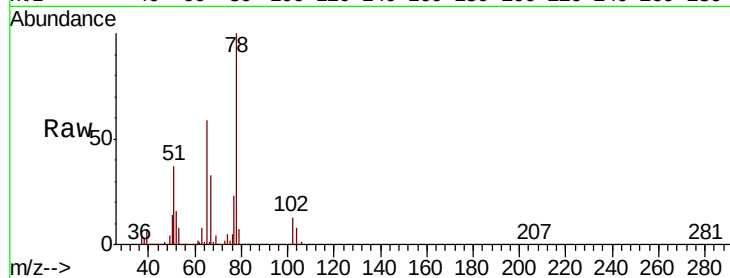




#33
 1,2-Dichloroethane-d4
 Concen: 50.759 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

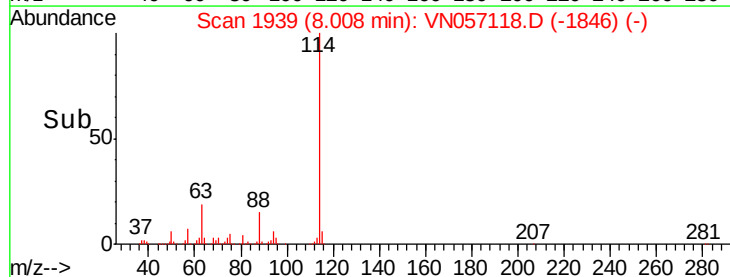
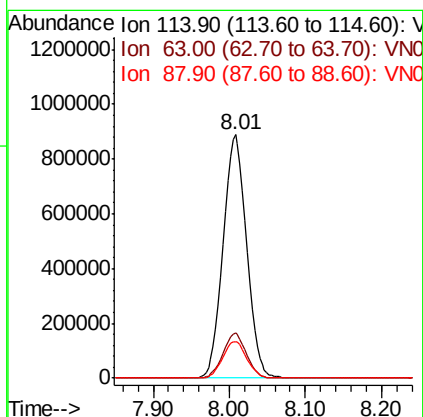
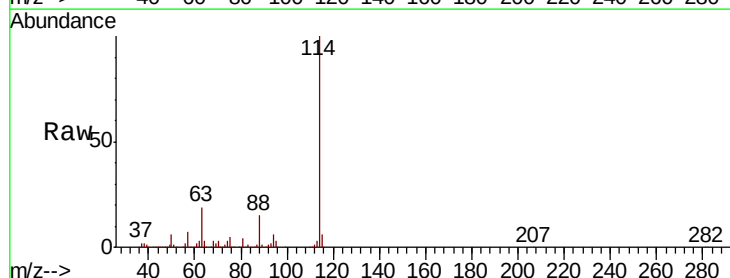
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

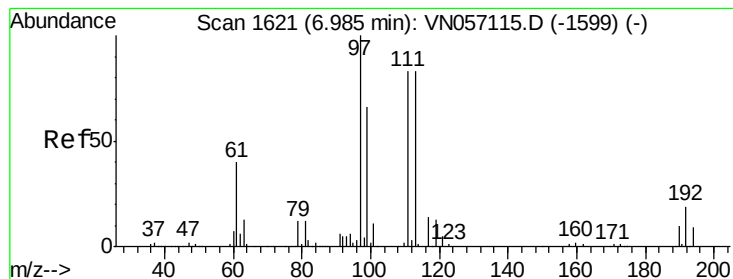
Tgt Ion: 65 Resp: 675264
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion: 114 Resp: 1920937
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.2
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.912 ug/l

RT: 6.98 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICV080719

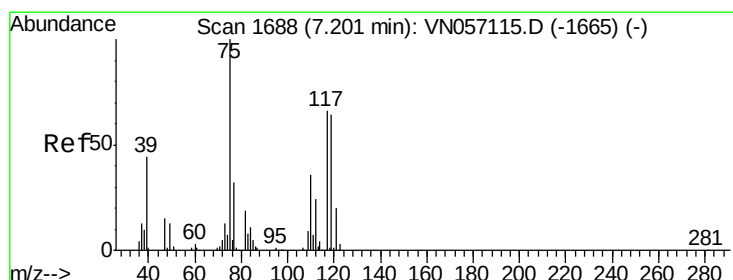
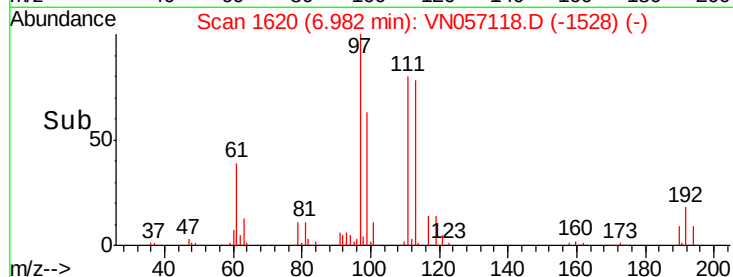
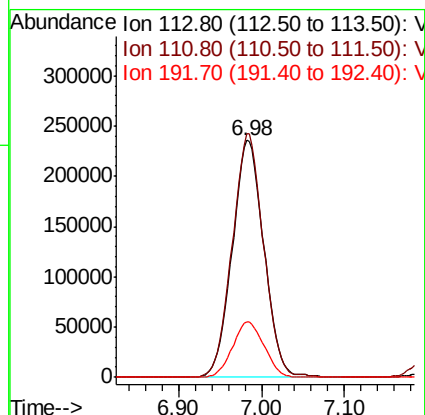
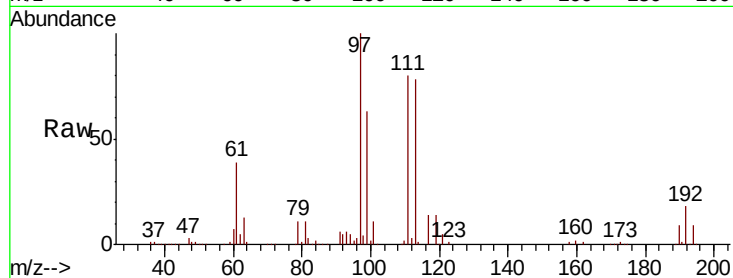
Tgt Ion:113 Resp: 625756

Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 23.4 19.0 28.4



#36

1,1-Dichloropropene

Concen: 49.897 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

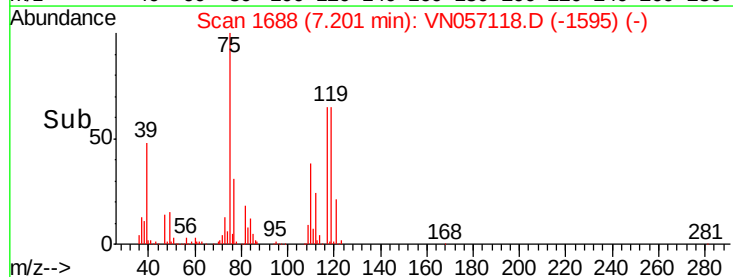
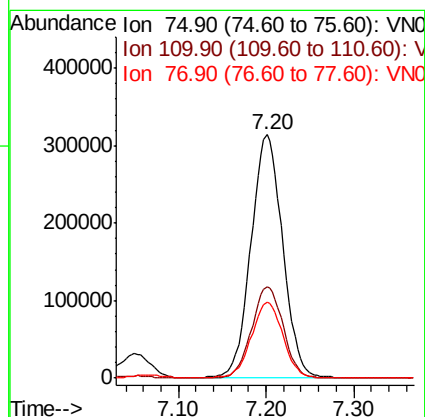
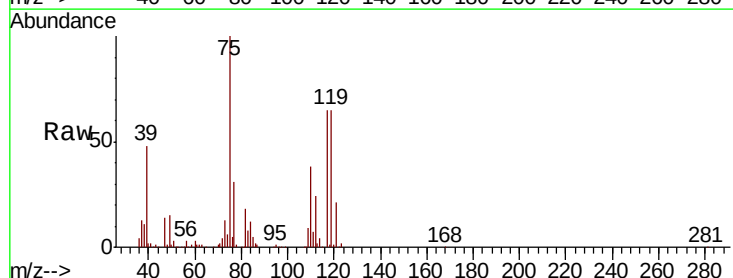
Tgt Ion: 75 Resp: 789178

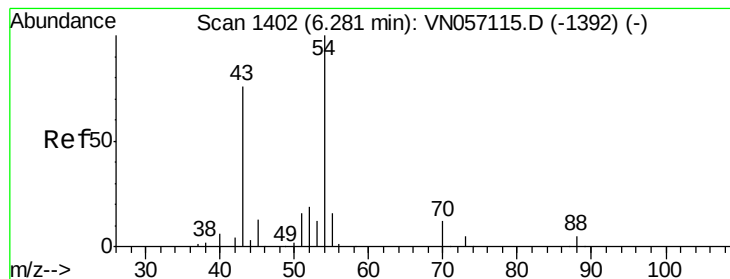
Ion Ratio Lower Upper

75 100

110 37.4 18.7 56.1

77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 50.141 ug/l

RT: 6.28 min Scan# 1402

Delta R.T. 0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

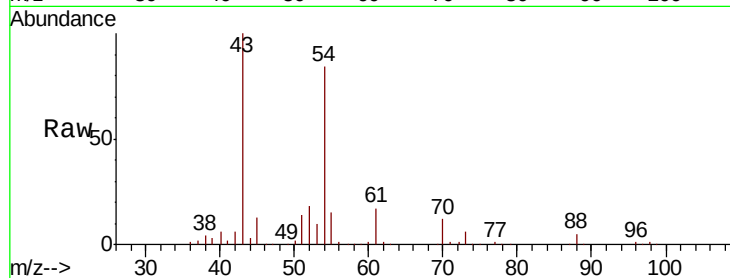
Tgt Ion: 43 Resp: 653737

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

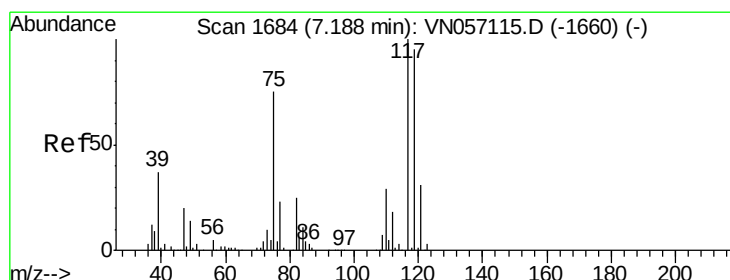
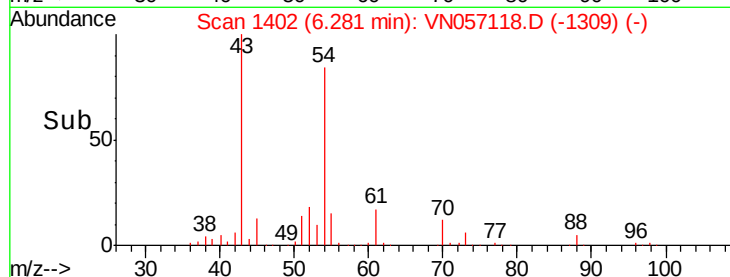
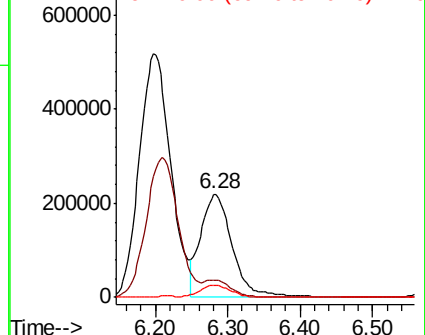
70 11.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN057118.D (-1392) (-)

Ion 60.90 (60.60 to 61.60): VN057118.D (-1392) (-)

Ion 70.00 (69.70 to 70.70): VN057118.D (-1392) (-)



#38

Carbon Tetrachloride

Concen: 48.147 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

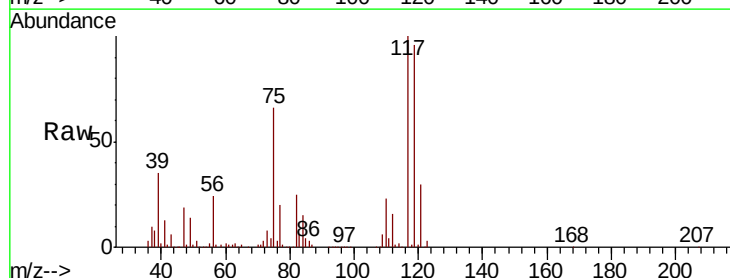
Tgt Ion: 117 Resp: 793617

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

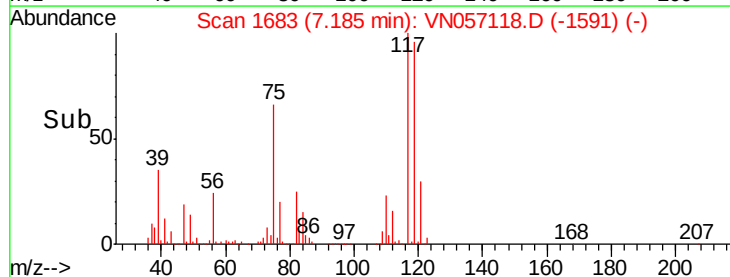
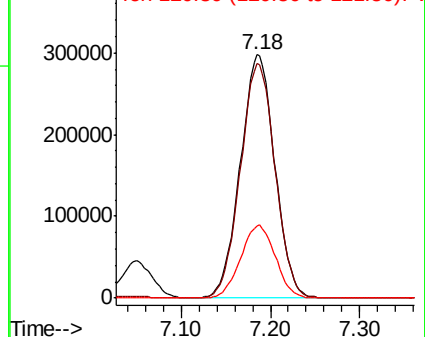
121 29.8 24.4 36.6

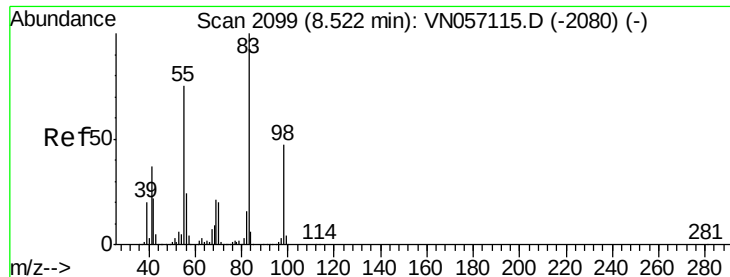


Abundance Ion 116.80 (116.50 to 117.50): VN057118.D (-1660) (-)

Ion 118.80 (118.50 to 119.50): VN057118.D (-1660) (-)

Ion 120.80 (120.50 to 121.50): VN057118.D (-1660) (-)

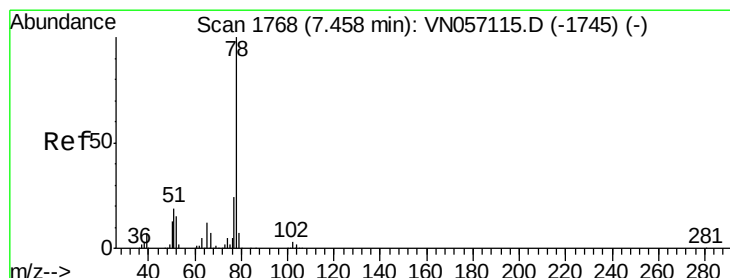
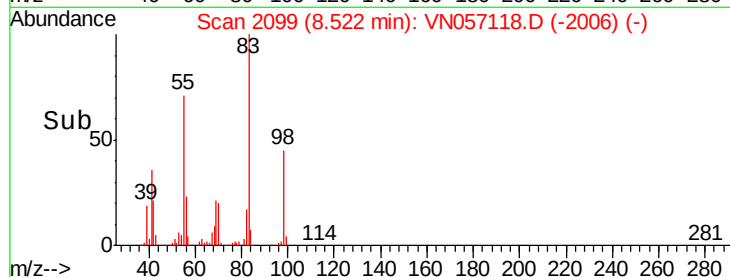
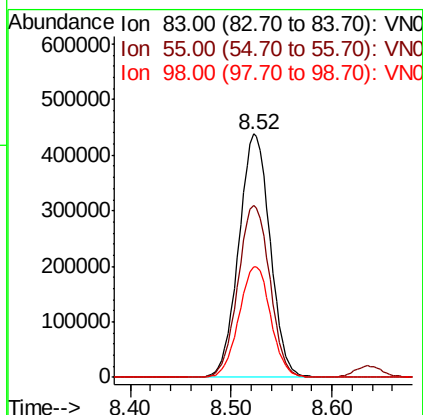
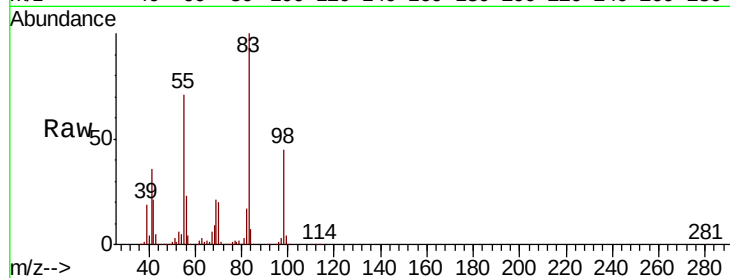




#39
Methylcyclohexane
Concen: 48.922 ug/l
RT: 8.52 min Scan# 2099
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

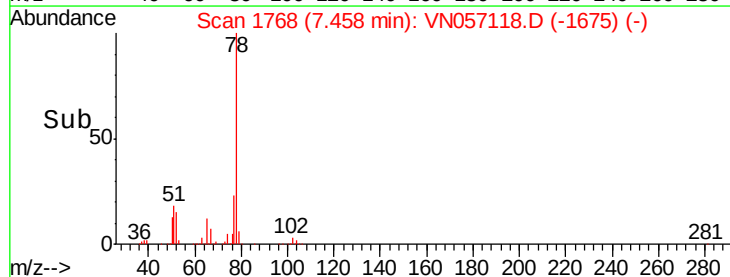
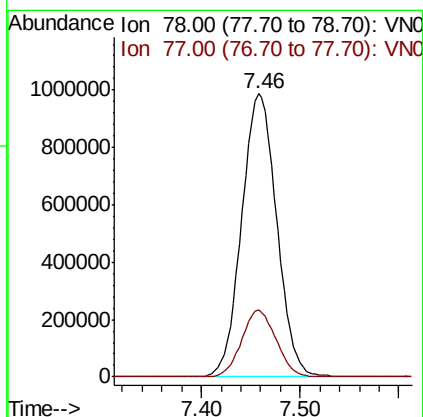
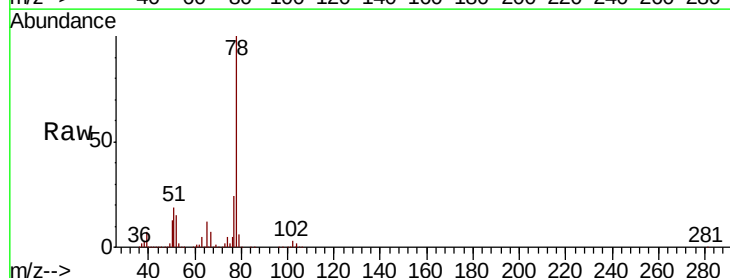
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080719

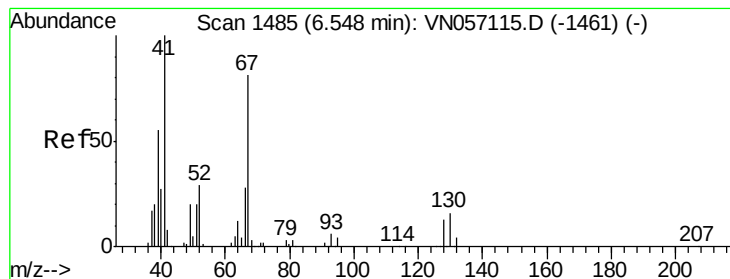
Tgt Ion: 83 Resp: 940941
Ion Ratio Lower Upper
83 100
55 70.7 60.3 90.5
98 45.2 37.9 56.9



#40
Benzene
Concen: 48.460 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

Tgt Ion: 78 Resp: 2426377
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8





#41

Methacrylonitrile

Concen: 51.151 ug/l

RT: 6.55 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

Tgt Ion: 41 Resp: 338759

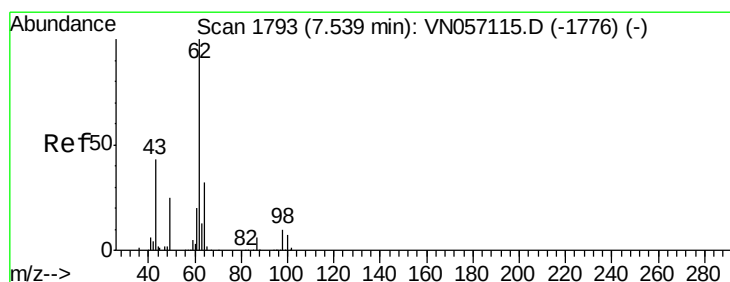
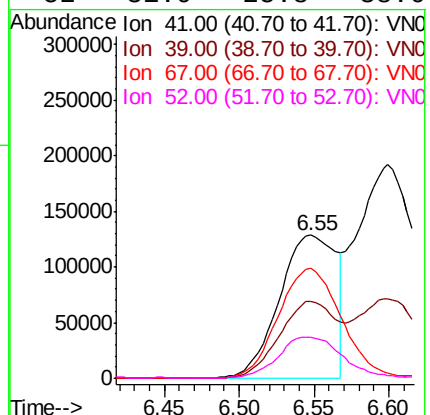
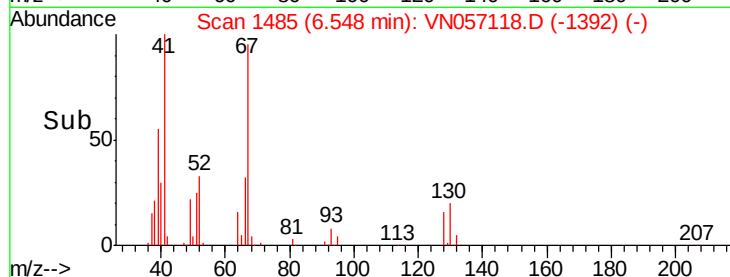
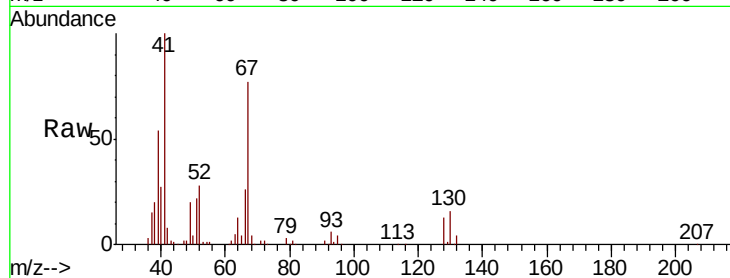
Ion Ratio Lower Upper

41 100

39 54.5 44.9 67.3

67 85.7 69.1 103.7

52 31.9 25.8 38.6



#42

1,2-Dichloroethane

Concen: 47.183 ug/l

RT: 7.54 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VN057118.D

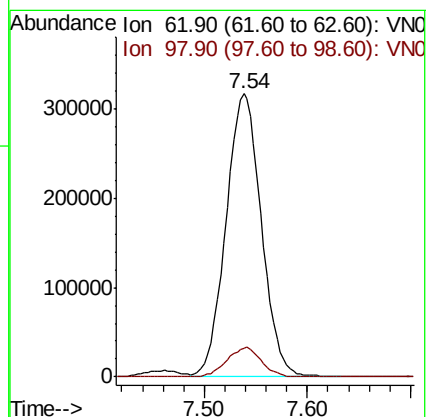
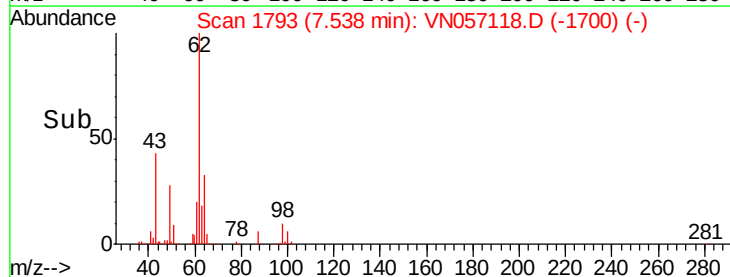
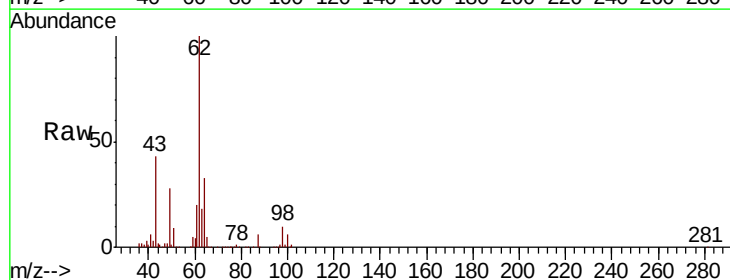
Acq: 7 Aug 2019 22:14

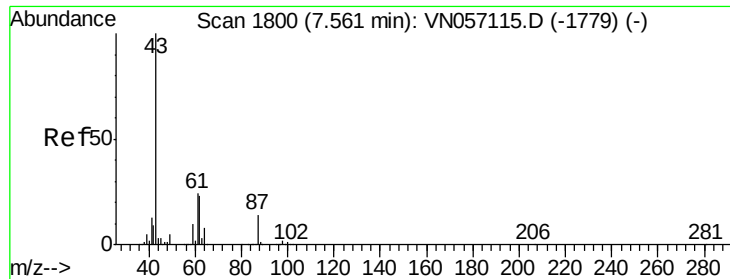
Tgt Ion: 62 Resp: 753437

Ion Ratio Lower Upper

62 100

98 10.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 49.186 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

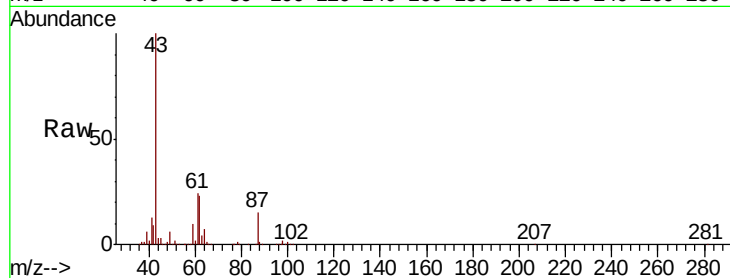
Tgt Ion: 43 Resp: 1094355

Ion Ratio Lower Upper

43 100

61 29.5 24.2 36.2

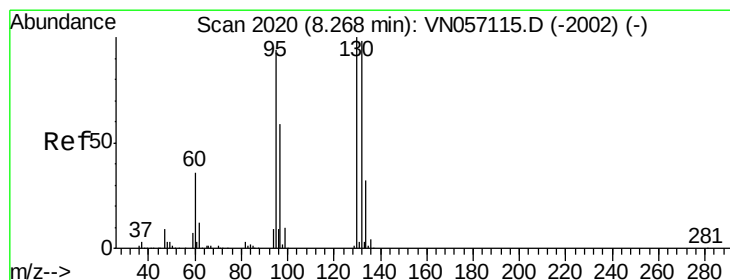
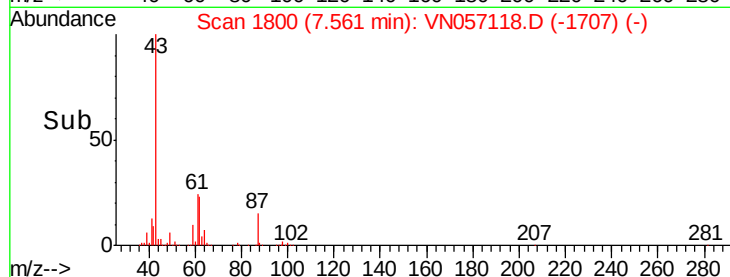
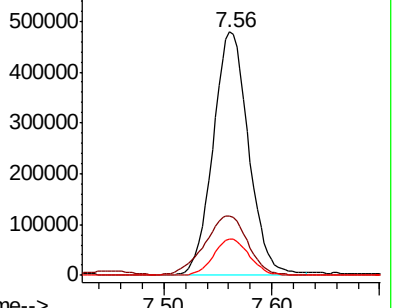
87 15.2 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN057118.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057118.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057118.D (-1779) (-)



#44

Trichloroethene

Concen: 49.083 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. -0.00 min

Lab File: VN057118.D

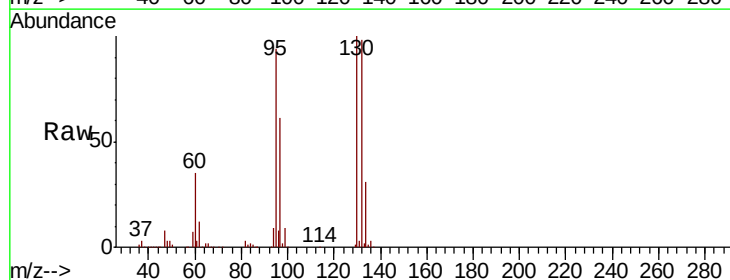
Acq: 7 Aug 2019 22:14

Tgt Ion: 130 Resp: 688509

Ion Ratio Lower Upper

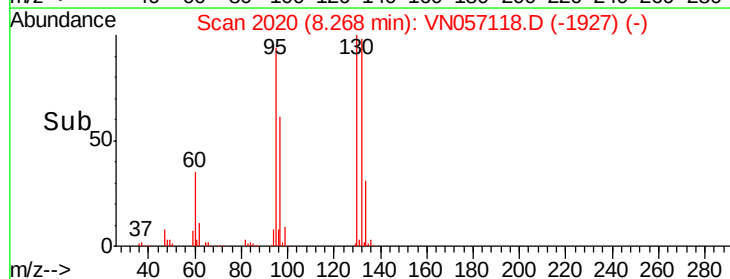
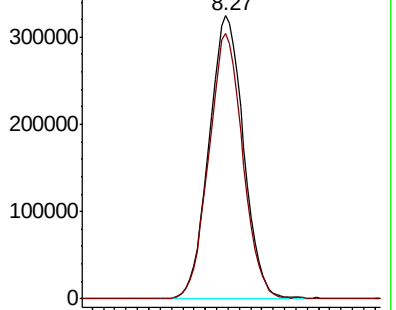
130 100

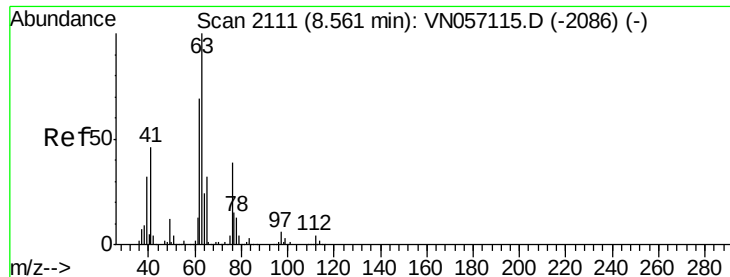
95 93.7 0.0 187.4



Abundance Ion 129.80 (129.50 to 130.50): VN057118.D (-1927) (-)

Ion 94.90 (94.60 to 95.60): VN057118.D (-1927) (-)

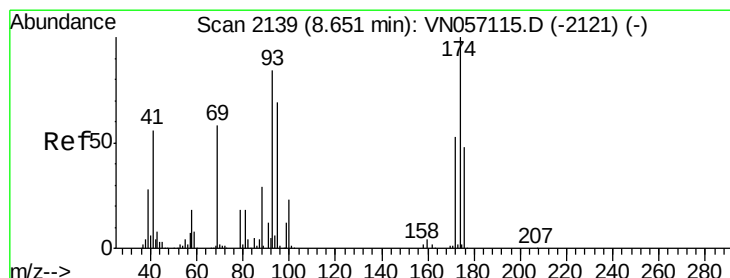
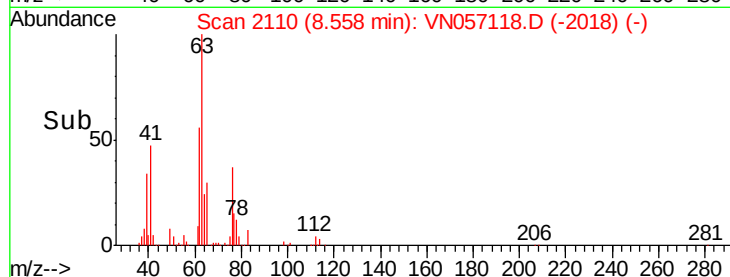
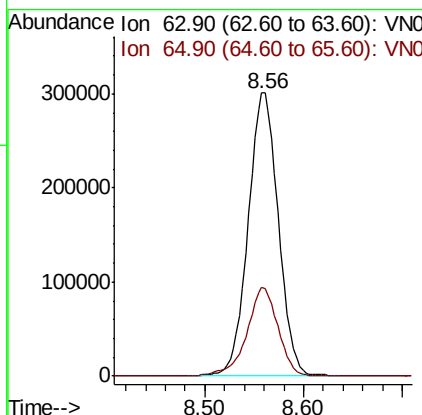
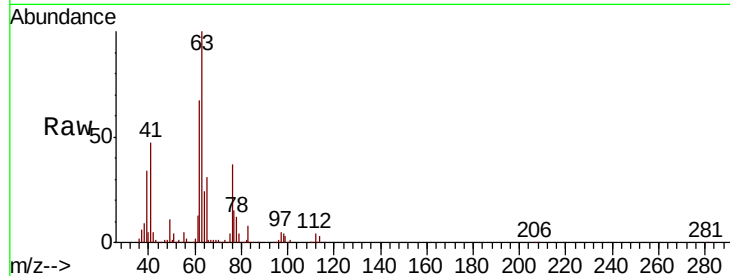




#45
 1,2-Dichloropropane
 Concen: 48.880 ug/l
 RT: 8.56 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

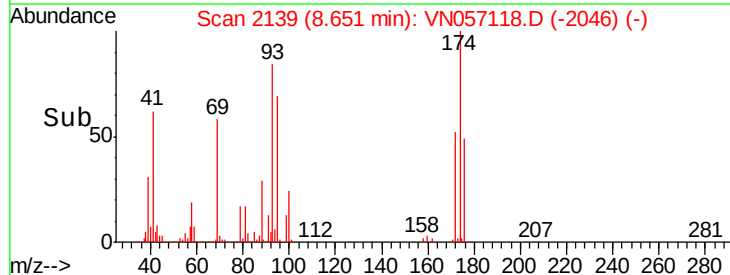
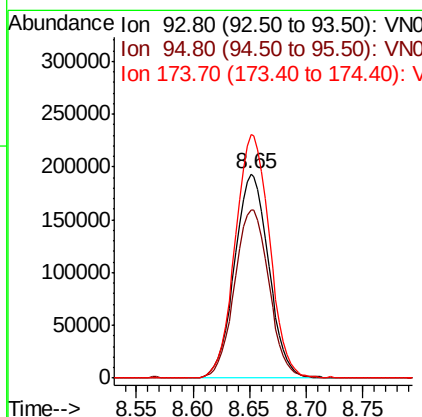
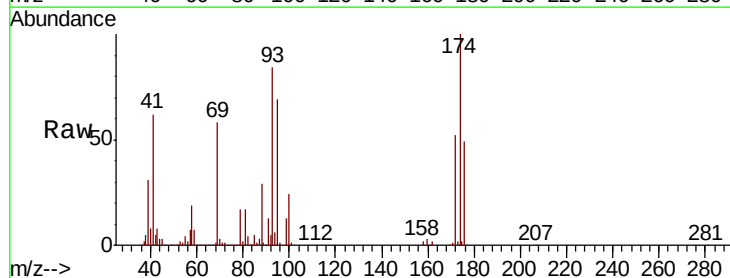
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

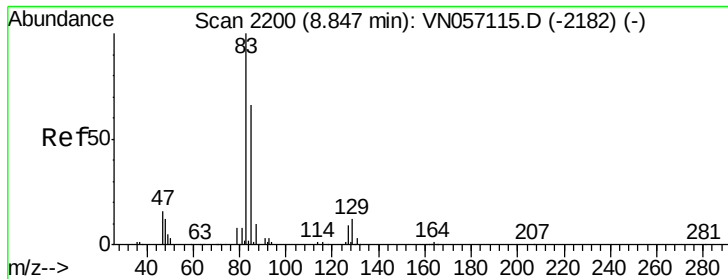
Tgt Ion: 63 Resp: 633690
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.2 37.8



#46
 Dibromomethane
 Concen: 48.986 ug/l
 RT: 8.65 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion: 93 Resp: 407200
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.0 99.0
 174 119.7 96.0 144.0





#47

Bromodichloromethane

Concen: 49.795 ug/l

RT: 8.85 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

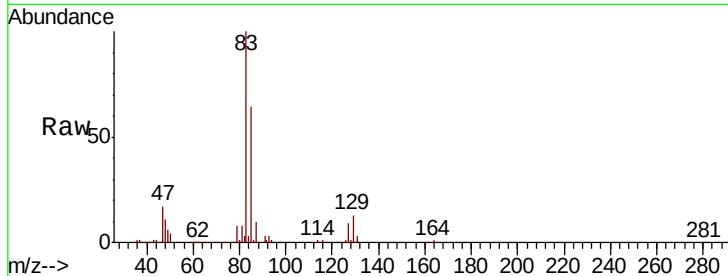
Tgt Ion: 83 Resp: 800907

Ion Ratio Lower Upper

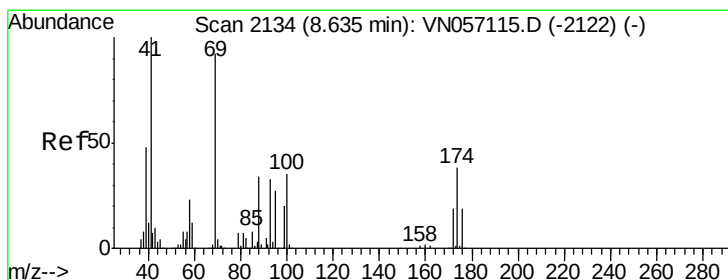
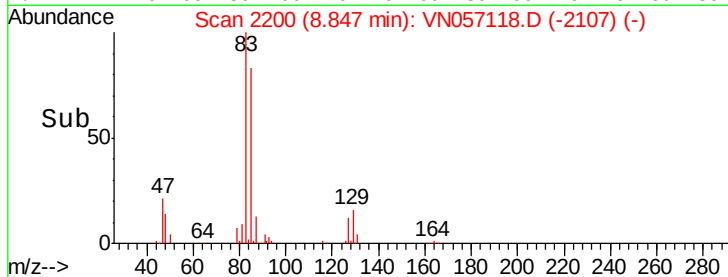
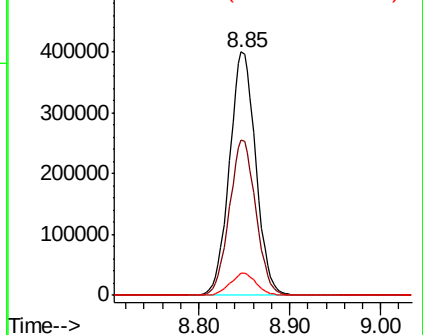
83 100

85 64.0 52.6 78.8

127 8.9 7.5 11.3



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



#48

Methyl methacrylate

Concen: 48.904 ug/l

RT: 8.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

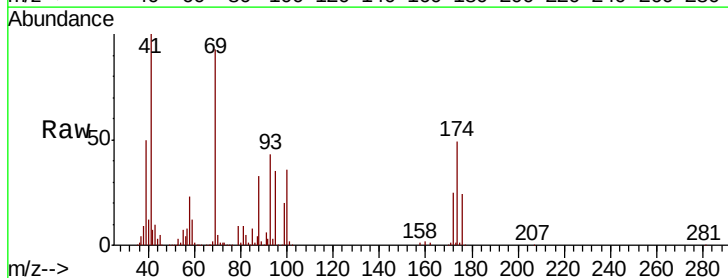
Tgt Ion: 41 Resp: 513078

Ion Ratio Lower Upper

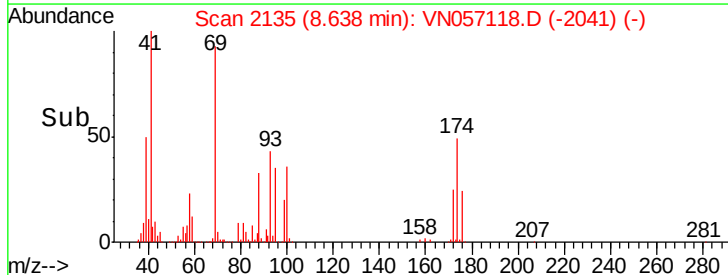
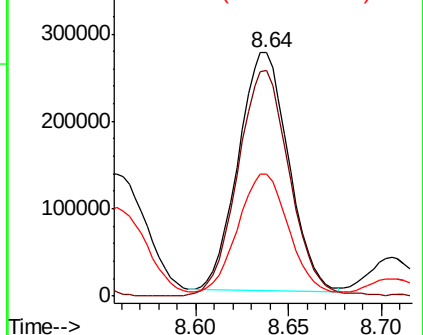
41 100

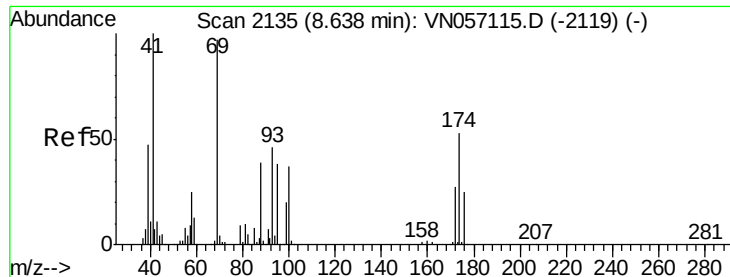
69 97.9 77.5 116.3

39 52.8 39.8 59.6



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

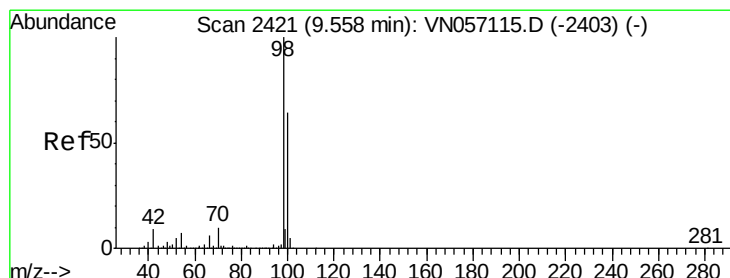
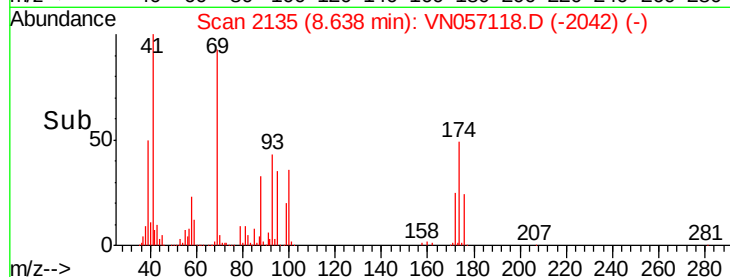
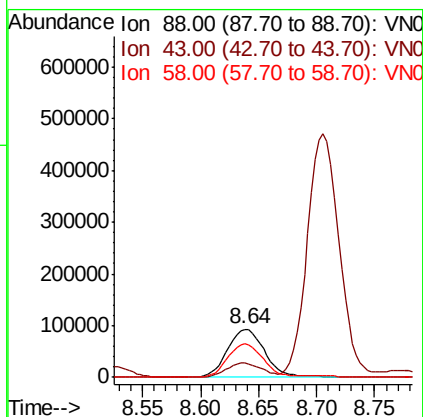
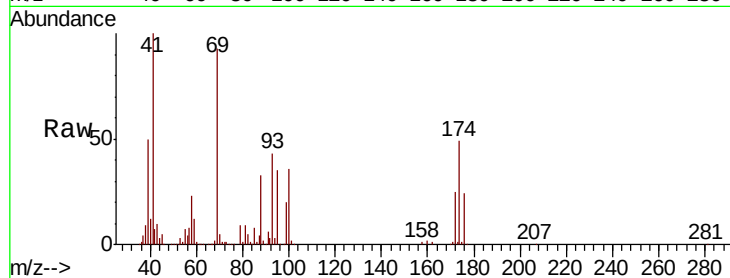




#49
 1,4-Dioxane
 Concen: 979.148 ug/l
 RT: 8.64 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

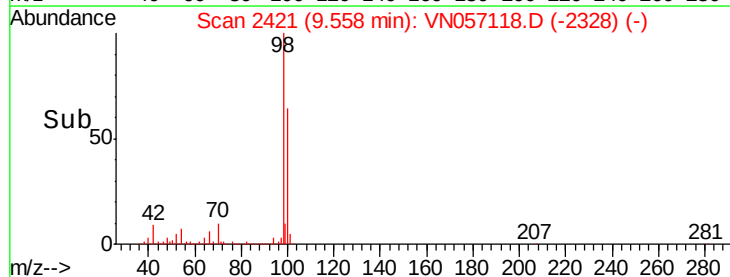
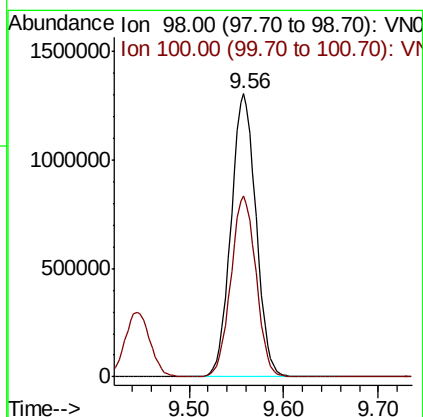
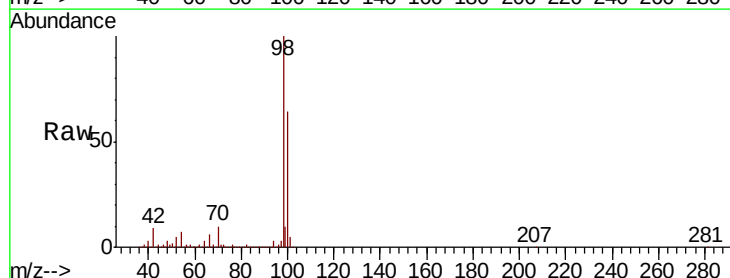
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

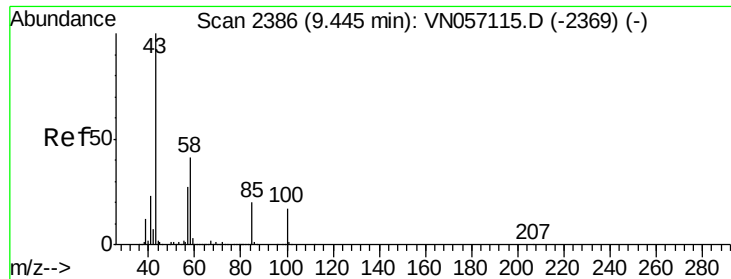
Tgt Ion: 88 Resp: 209224
 Ion Ratio Lower Upper
 88 100
 43 27.8 21.7 32.5
 58 66.6 51.1 76.7



#50
 Toluene-d8
 Concen: 51.921 ug/l
 RT: 9.56 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion: 98 Resp: 2394440
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.2 76.8

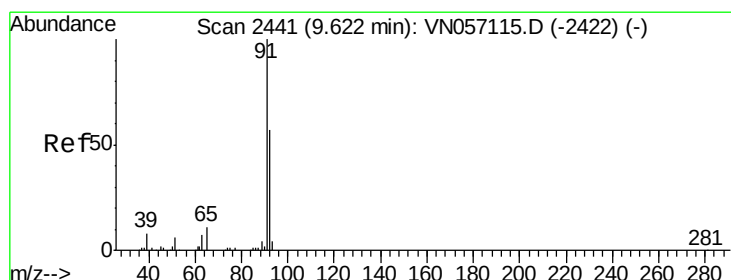
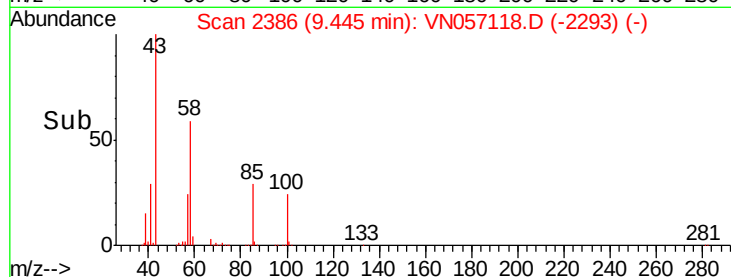
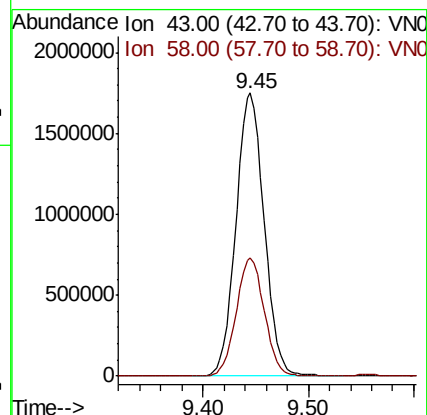
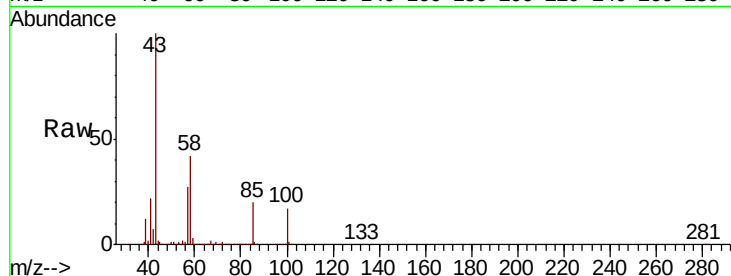




#51
 4-Methyl-2-Pentanone
 Concen: 249.484 ug/l
 RT: 9.45 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

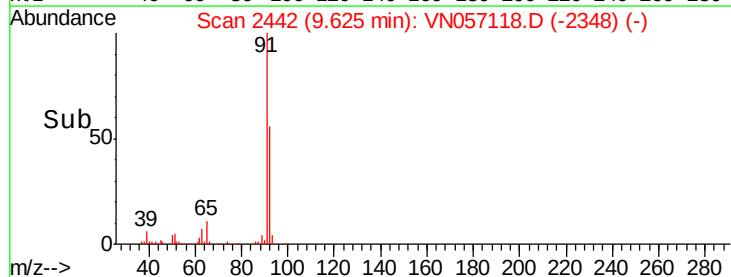
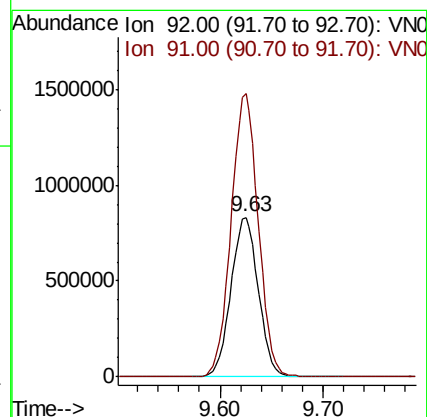
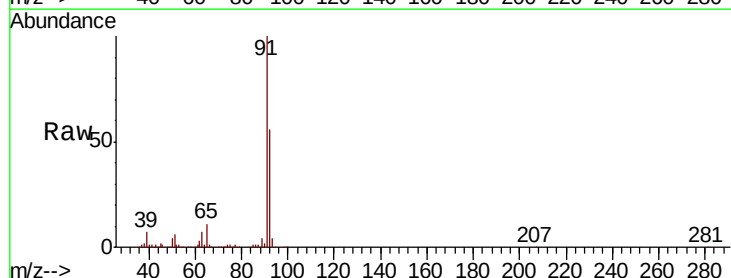
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

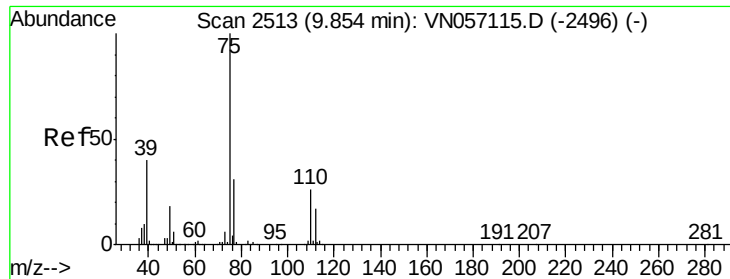
Tgt Ion: 43 Resp: 3230576
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.2 49.8



#52
 Toluene
 Concen: 49.377 ug/l
 RT: 9.63 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion: 92 Resp: 1534585
 Ion Ratio Lower Upper
 92 100
 91 176.3 139.8 209.8





#53

t-1,3-Dichloropropene

Concen: 51.630 ug/l

RT: 9.85 min Scan# 2513

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampled :

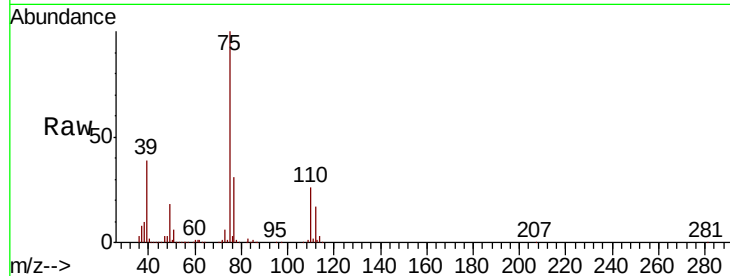
ICVVN080719

Tgt Ion: 75 Resp: 867544

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

9.85

500000

400000

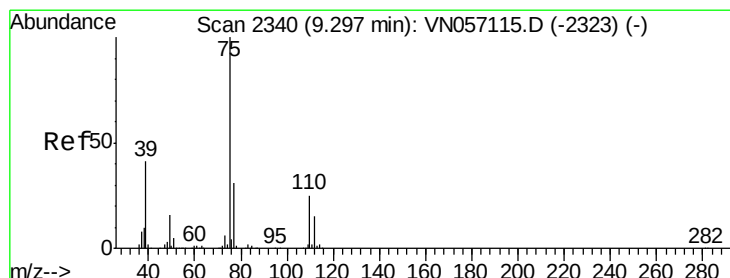
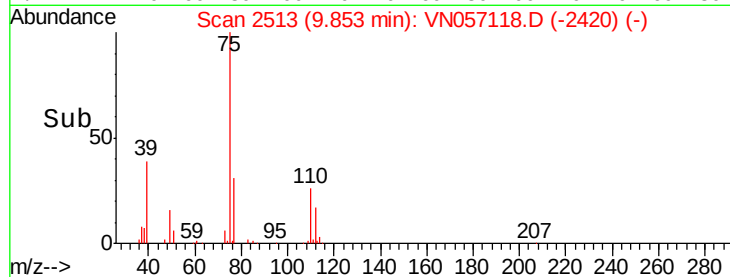
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.040 ug/l

RT: 9.30 min Scan# 2340

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

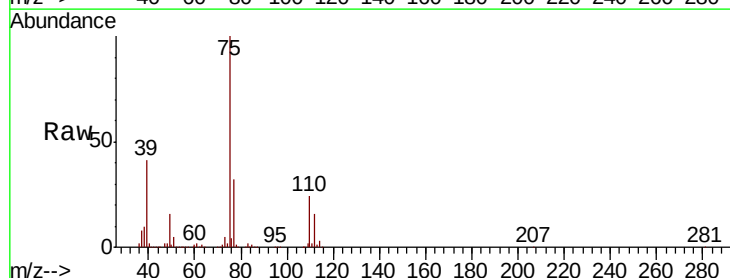
Tgt Ion: 75 Resp: 984083

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 40.8 32.5 48.7



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

9.30

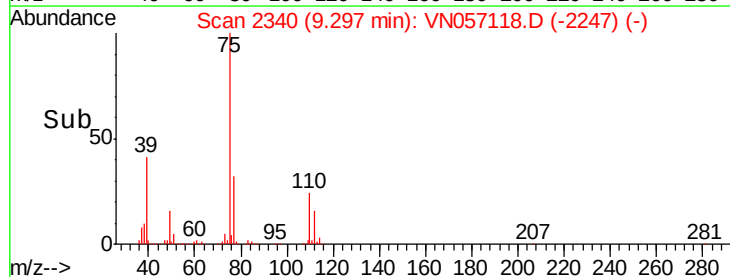
600000

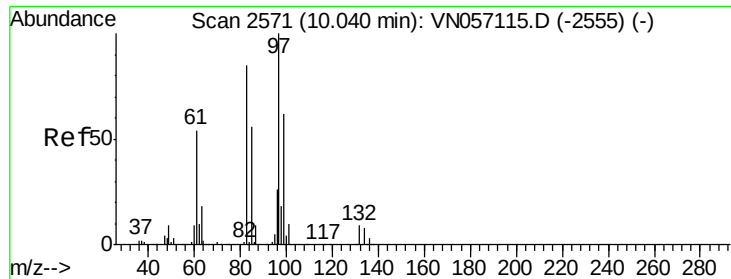
400000

200000

0

Time-->

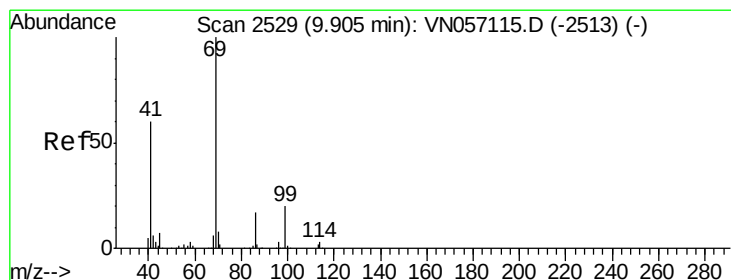
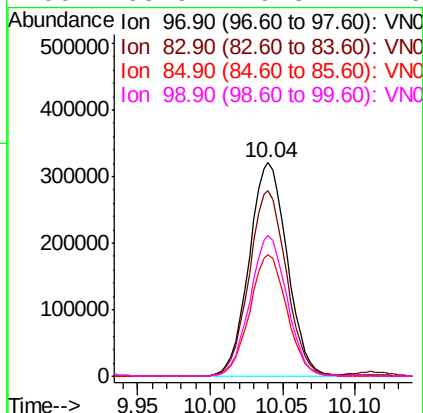
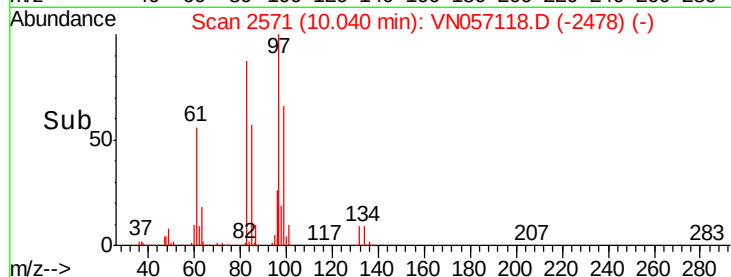
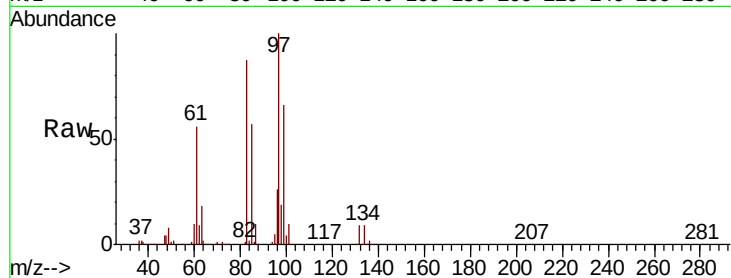




#55
 1,1,2-Trichloroethane
 Concen: 47.951 ug/l
 RT: 10.04 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

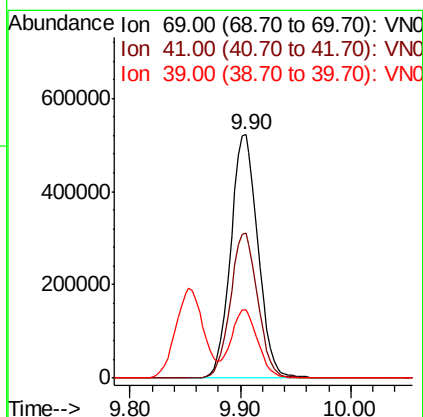
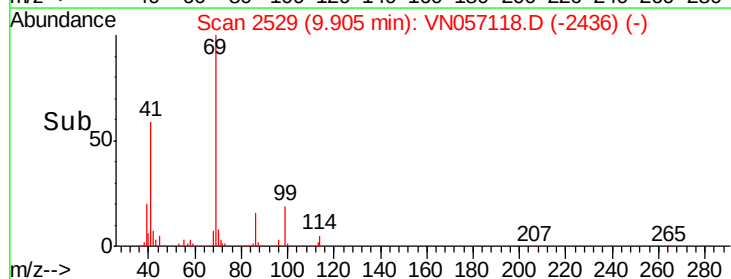
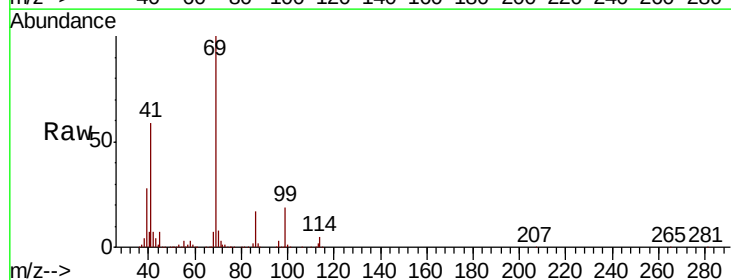
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

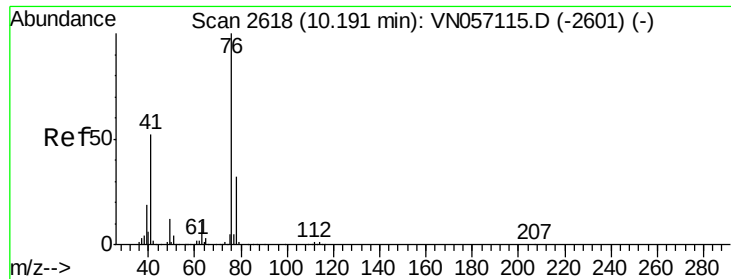
Tgt Ion:	97	Resp:	586036
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.8	101.8
85	57.0	44.4	66.6
99	65.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 52.244 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion:	69	Resp:	894003
Ion	Ratio	Lower	Upper
69	100		
41	59.4	48.1	72.1
39	27.8	23.6	35.4





#57

1,3-Dichloropropane

Concen: 49.101 ug/l

RT: 10.19 min Scan# 2617

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

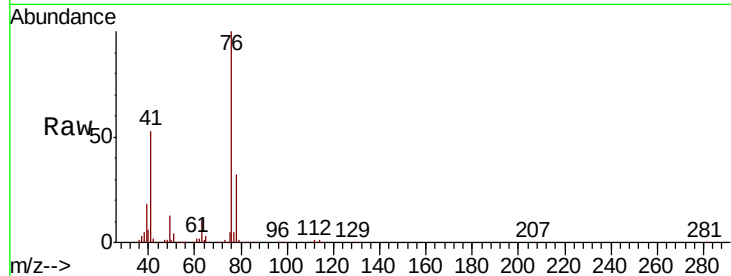
ICVFN080719

Tgt Ion: 76 Resp: 989617

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN057118.D (-2601) (-)

Ion 77.90 (77.60 to 78.60): VN057118.D (-2601) (-)

10.19

600000

500000

400000

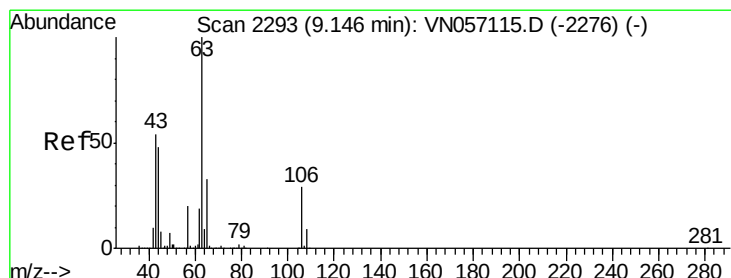
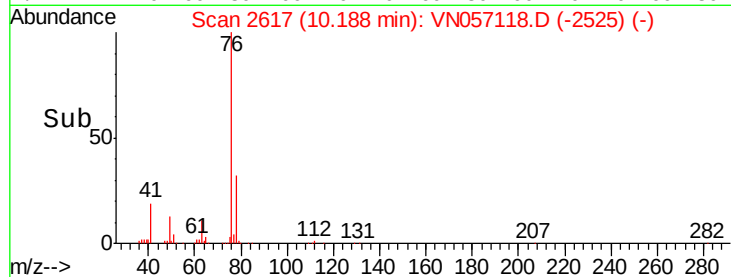
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 236.901 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VN057118.D

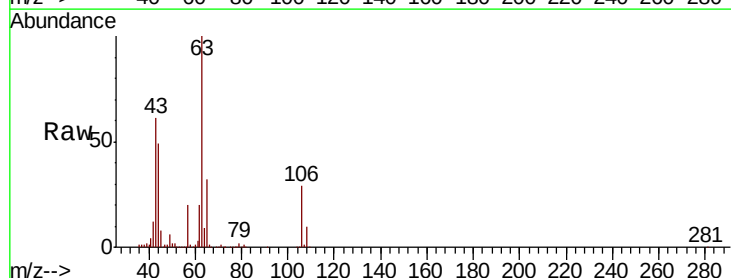
Acq: 7 Aug 2019 22:14

Tgt Ion: 63 Resp: 1611503

Ion Ratio Lower Upper

63 100

106 28.8 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VN057118.D (-2200) (-)

Ion 105.90 (105.60 to 106.60): VN057118.D (-2200) (-)

9.15

1000000

800000

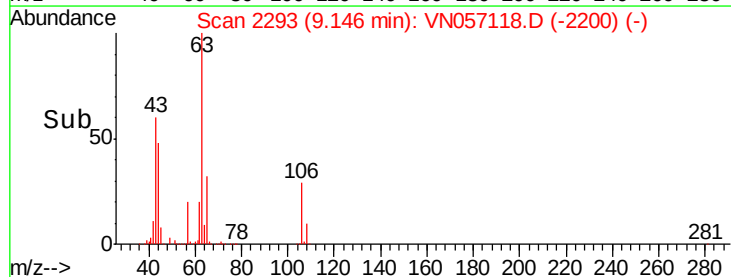
600000

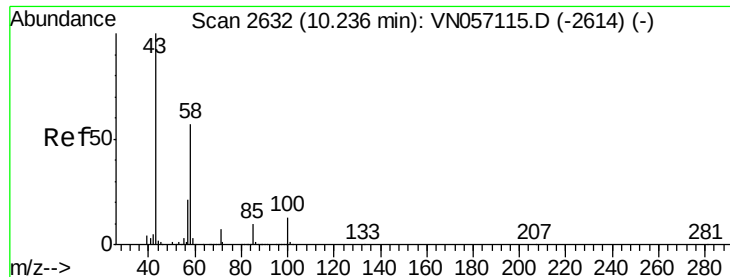
400000

200000

0

Time-->

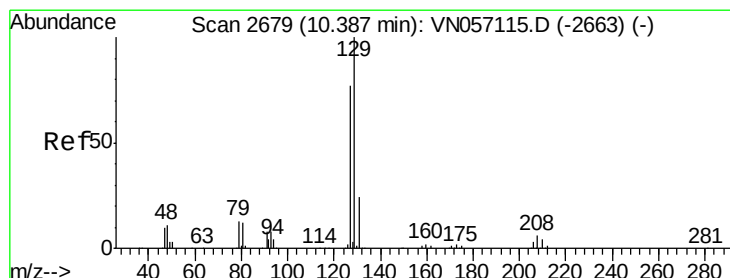
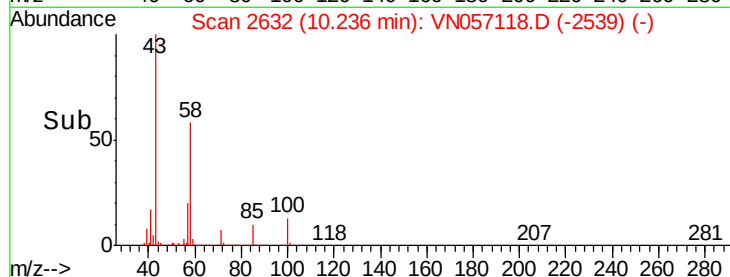
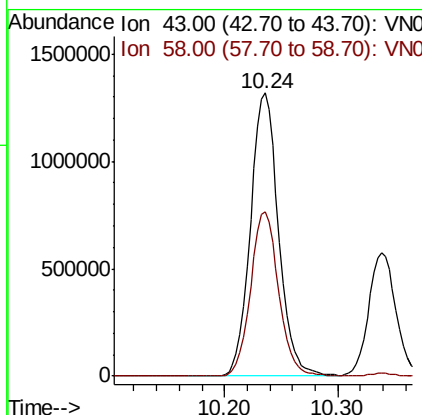
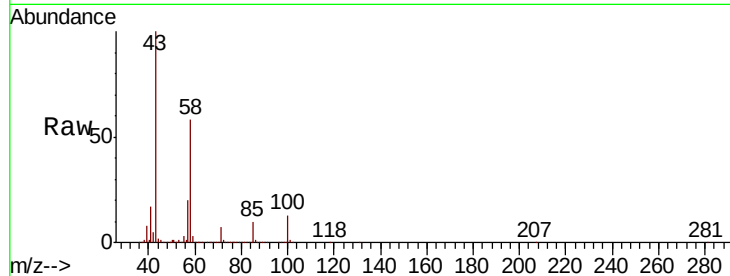




#59
2-Hexanone
Concen: 259.409 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

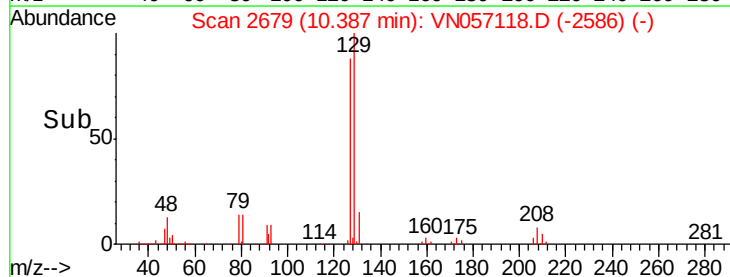
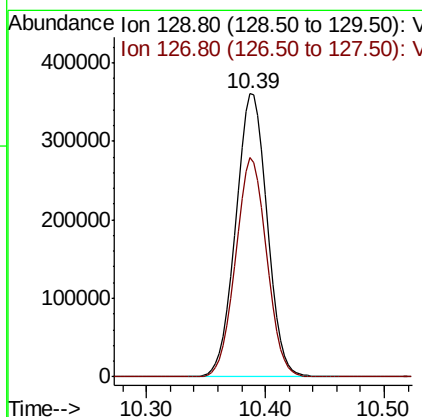
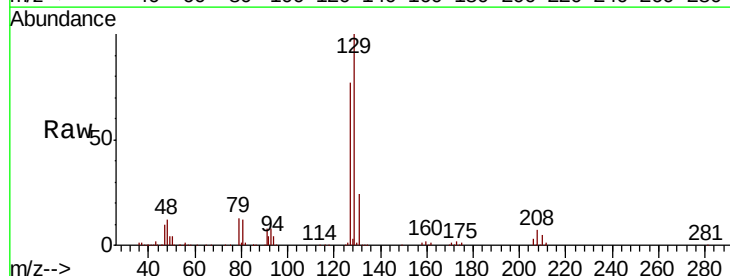
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080719

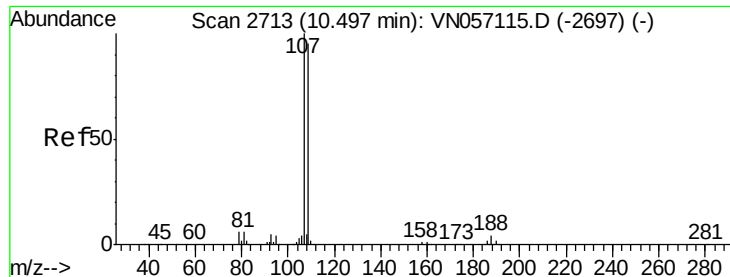
Tgt Ion: 43 Resp: 2273401
Ion Ratio Lower Upper
43 100
58 58.2 29.2 87.6



#60
Dibromochloromethane
Concen: 51.481 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

Tgt Ion: 129 Resp: 660790
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0

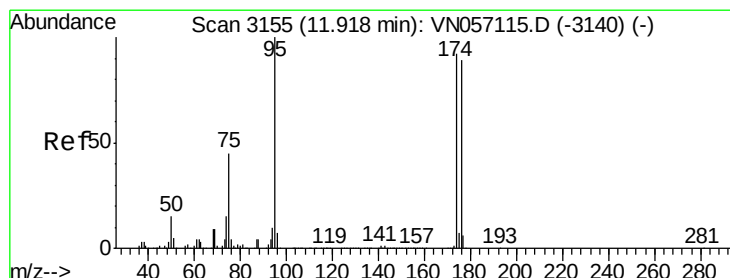
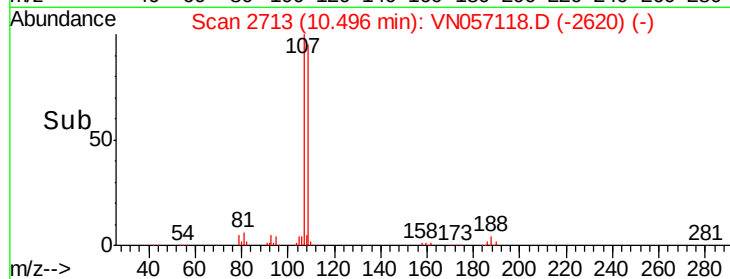
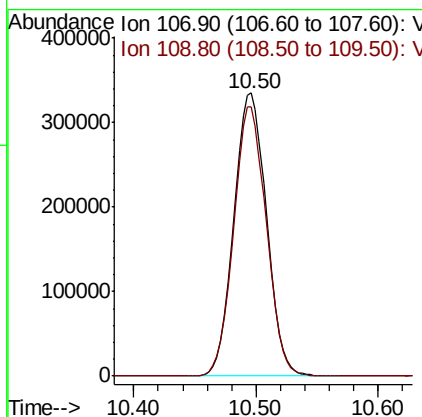
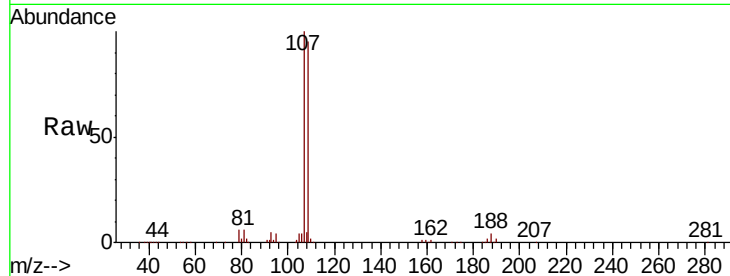




#61
 1,2-Dibromoethane
 Concen: 49.300 ug/l
 RT: 10.50 min Scan# 2713
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

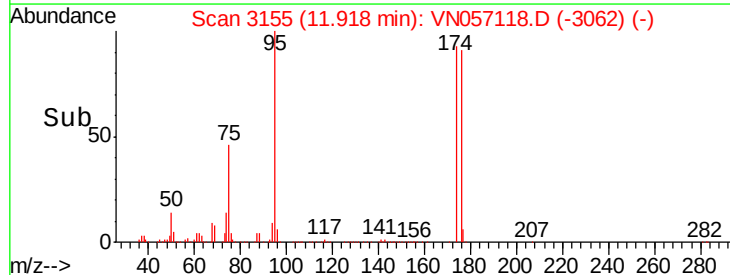
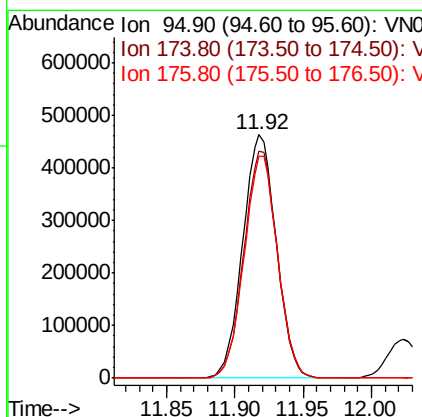
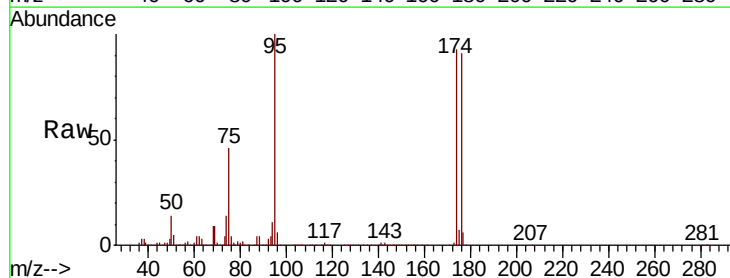
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

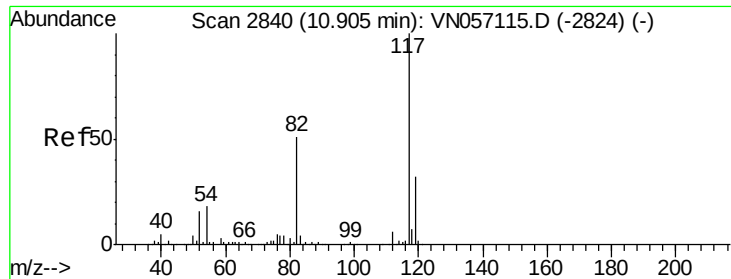
Tgt Ion: 107 Resp: 621745
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 53.064 ug/l
 RT: 11.92 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion: 95 Resp: 788489
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 185.0
 176 90.9 0.0 181.2

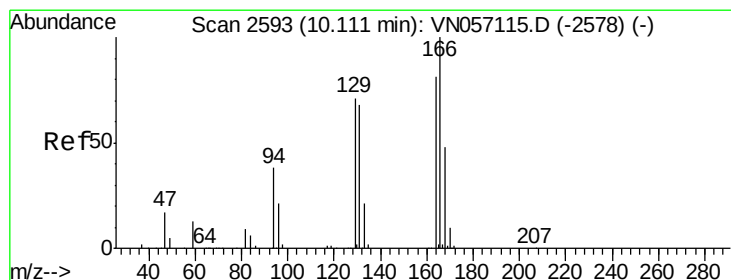
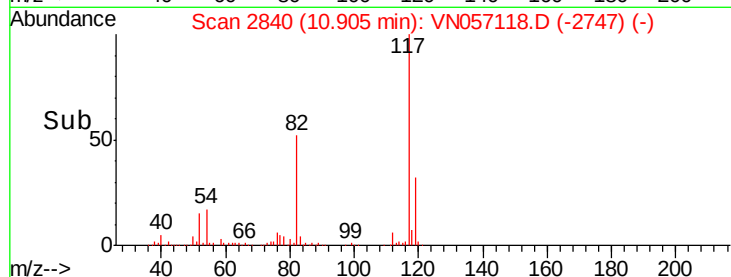
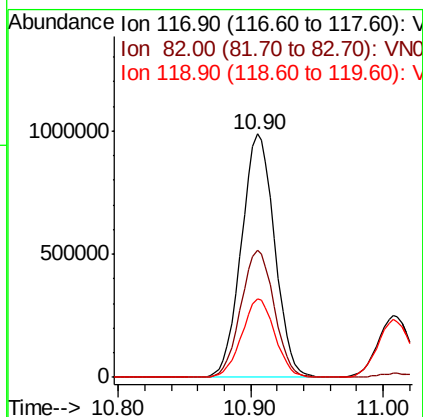
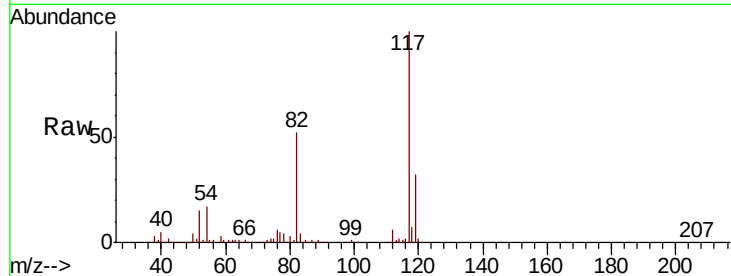




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

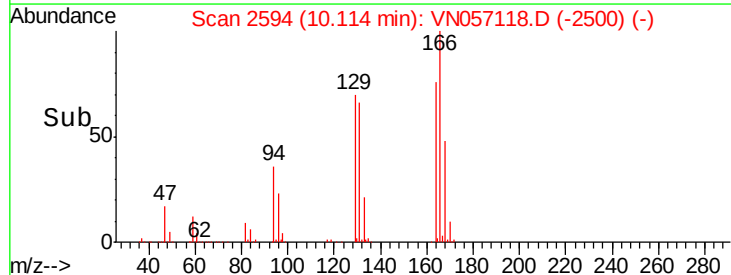
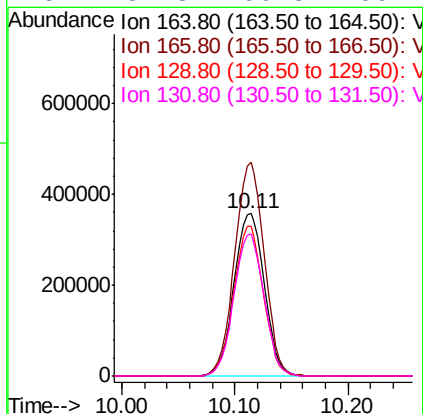
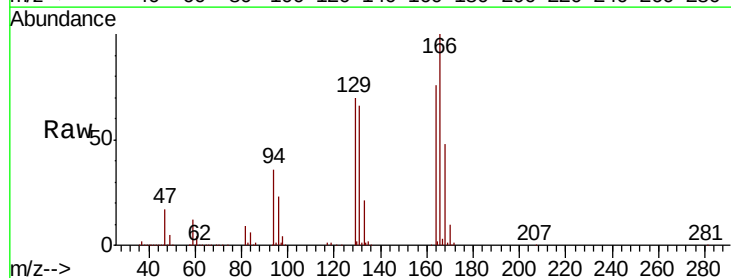
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080719

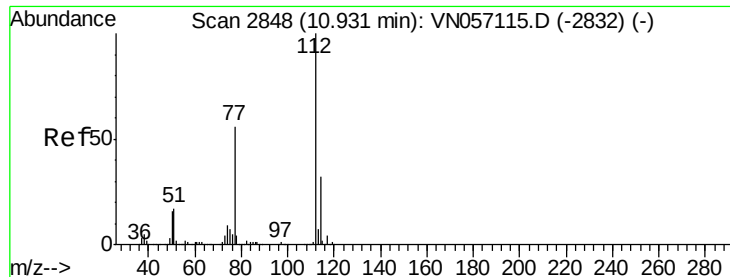
Tgt Ion:117 Resp: 1718690
Ion Ratio Lower Upper
117 100
82 52.1 40.8 61.2
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 46.718 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

Tgt Ion:164 Resp: 667754
Ion Ratio Lower Upper
164 100
166 131.6 98.3 147.5
129 91.9 69.8 104.6
131 87.3 66.8 100.2

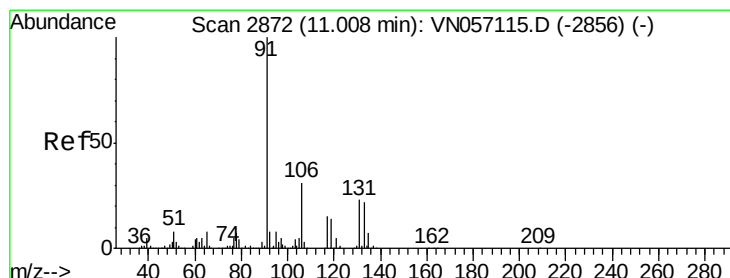
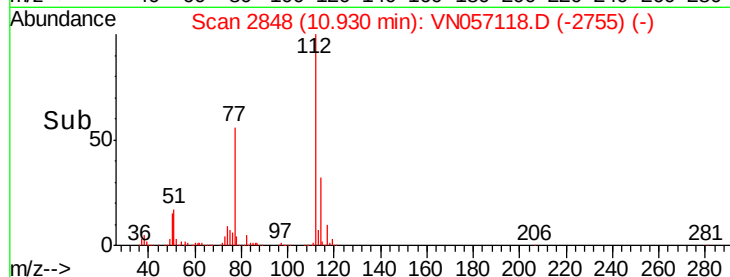
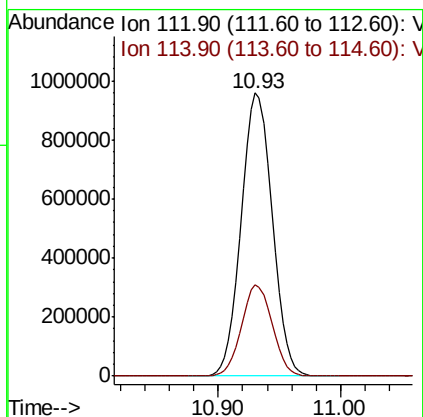
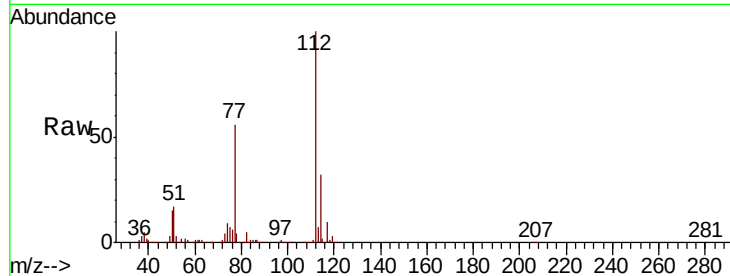




#65
Chlorobenzene
Concen: 48.698 ug/l
RT: 10.93 min Scan# 2848
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

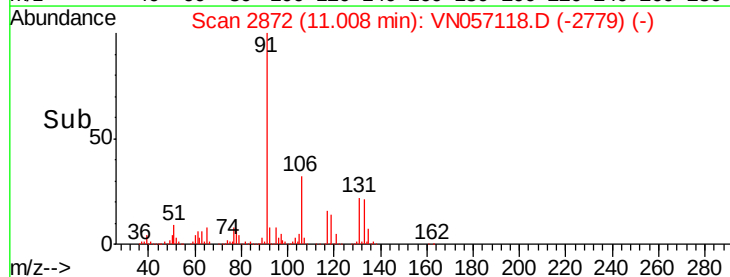
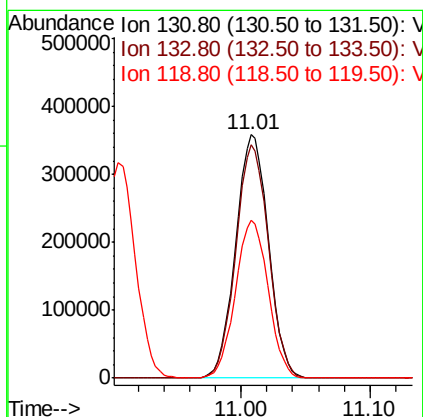
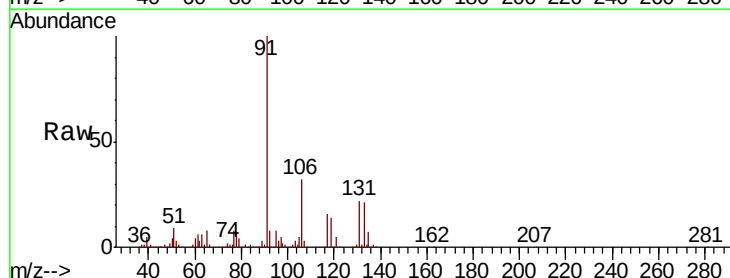
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080719

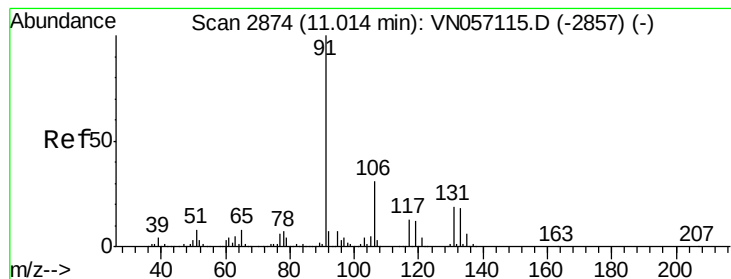
Tgt Ion:112 Resp: 1684048
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.958 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

Tgt Ion:131 Resp: 632953
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 64.8 32.6 97.7





#67

Ethyl Benzene

Concen: 49.447 ug/l

RT: 11.01 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampled :

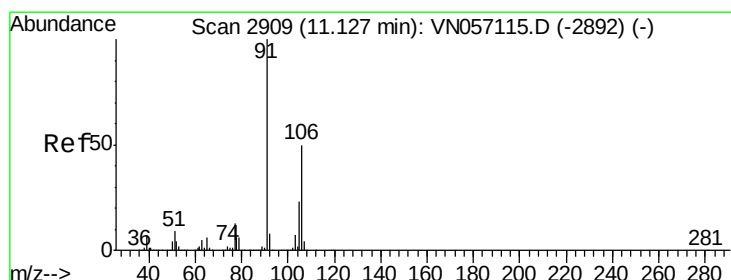
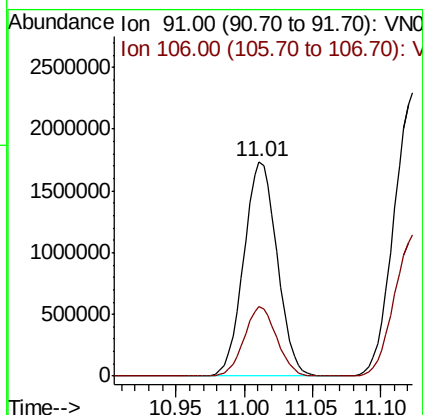
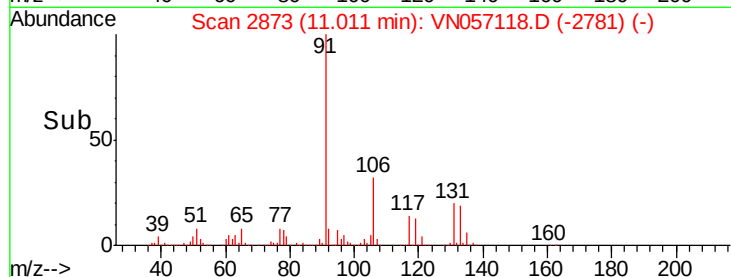
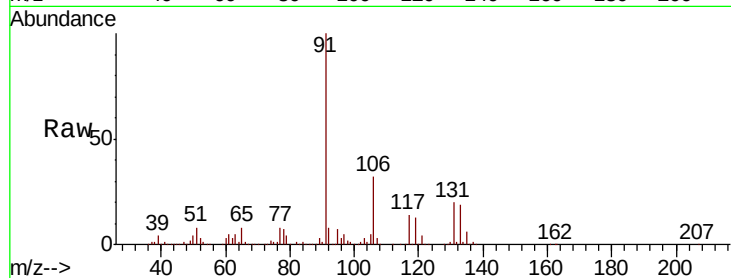
ICVVN080719

Tgt Ion: 91 Resp: 2942965

Ion Ratio Lower Upper

91 100

106 32.4 25.0 37.4



#68

m/p-Xylenes

Concen: 101.074 ug/l

RT: 11.12 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VN057118.D

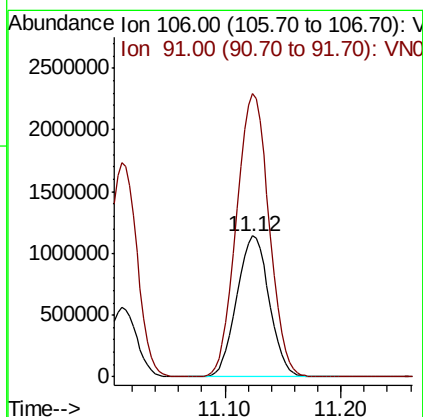
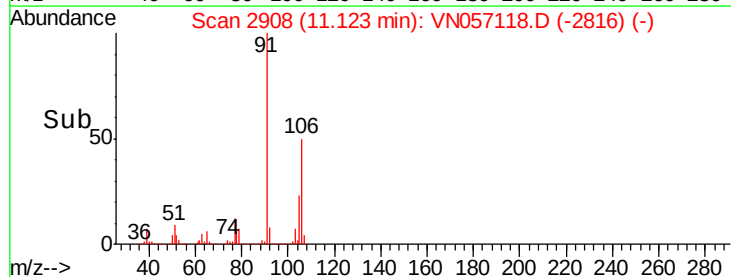
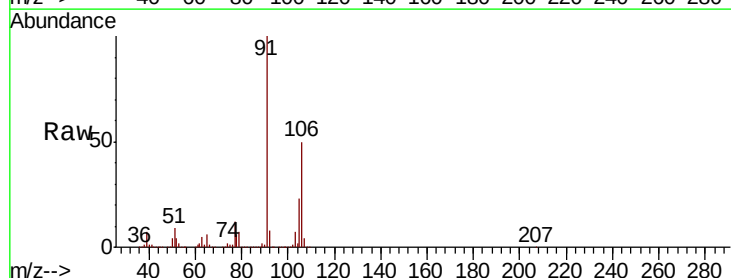
Acq: 7 Aug 2019 22:14

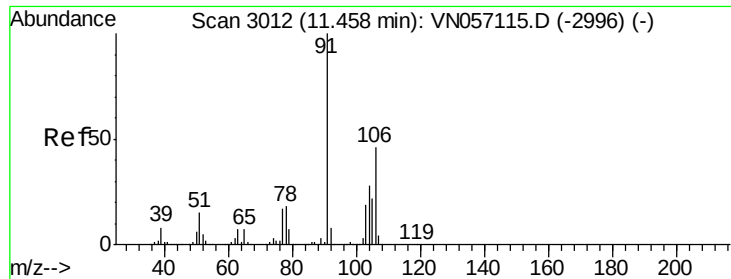
Tgt Ion: 106 Resp: 2216210

Ion Ratio Lower Upper

106 100

91 201.7 159.8 239.8

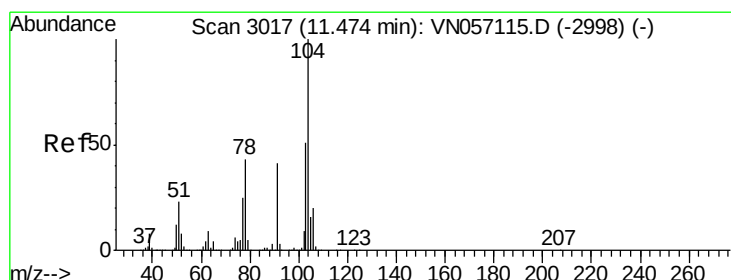
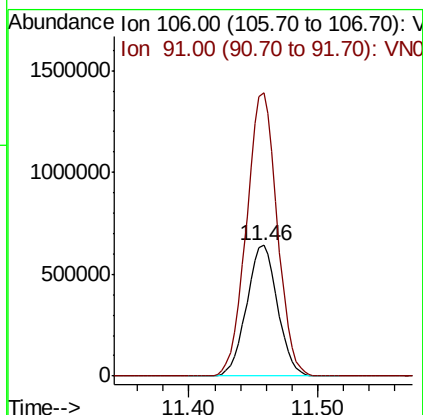
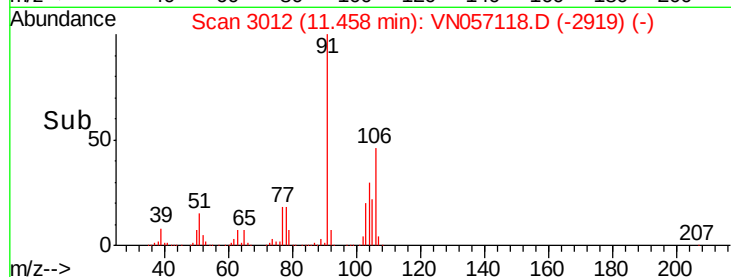
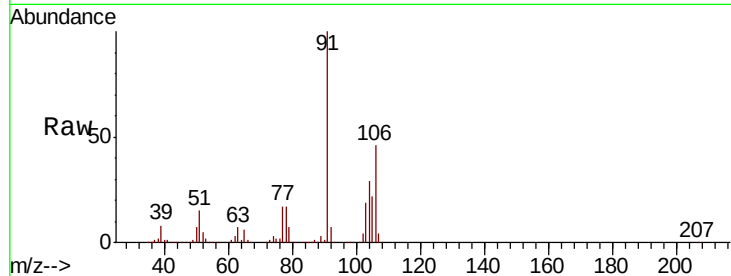




#69
o-Xylene
Concen: 49.115 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

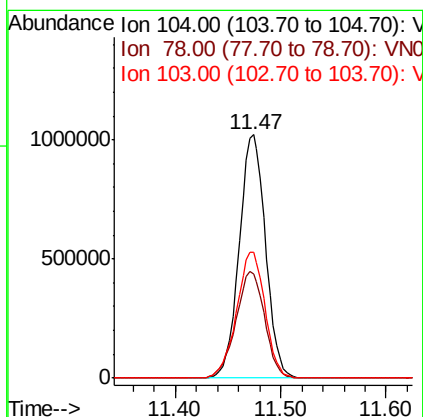
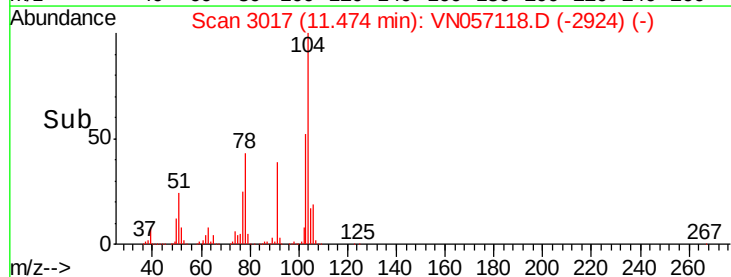
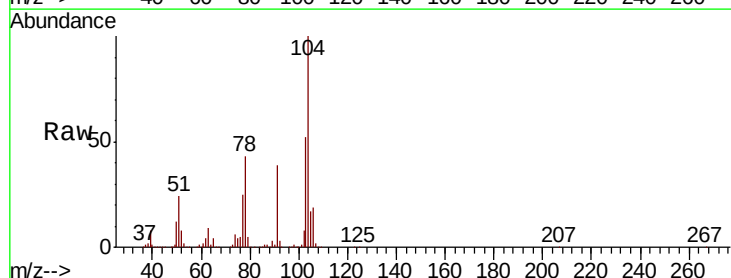
Instrument :
MSVOA_N
ClientSampleId :
ICVFN080719

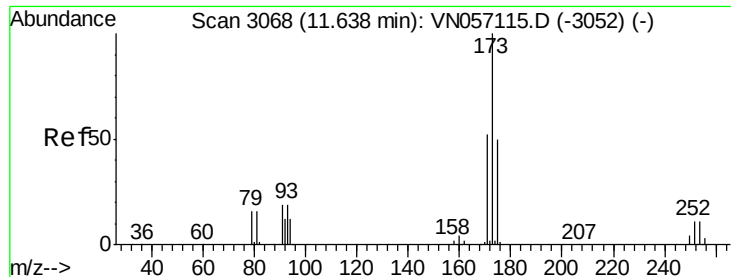
Tgt Ion:106 Resp: 1071812
Ion Ratio Lower Upper
106 100
91 214.9 106.8 320.5



#70
Styrene
Concen: 51.828 ug/l
RT: 11.47 min Scan# 3017
Delta R.T. -0.00 min
Lab File: VN057118.D
Acq: 7 Aug 2019 22:14

Tgt Ion:104 Resp: 1766550
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 55.8 44.6 66.8





#71

Bromoform

Concen: 51.578 ug/l

RT: 11.64 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

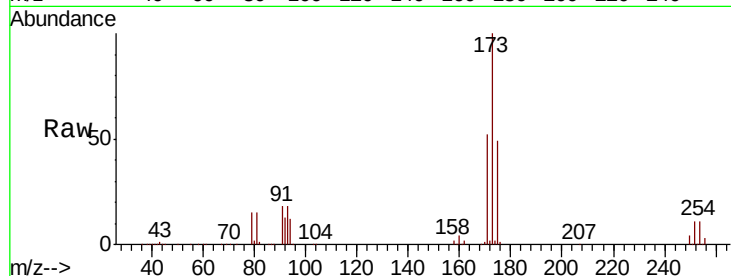
Tgt Ion:173 Resp: 488467

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

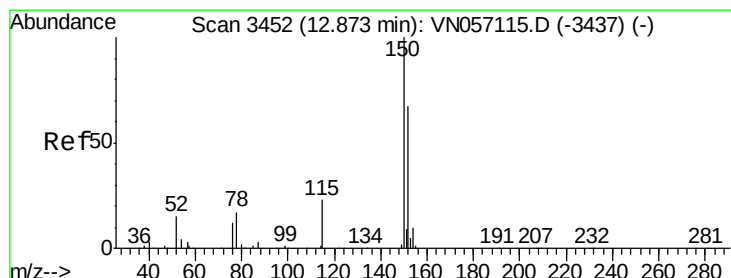
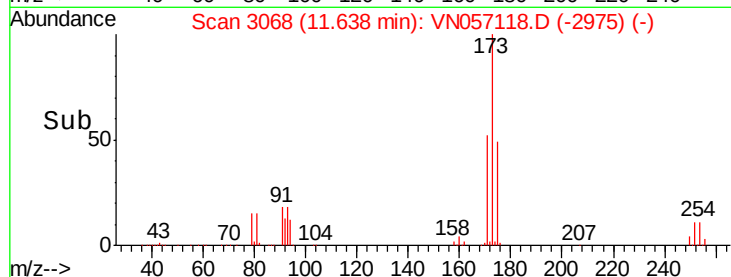
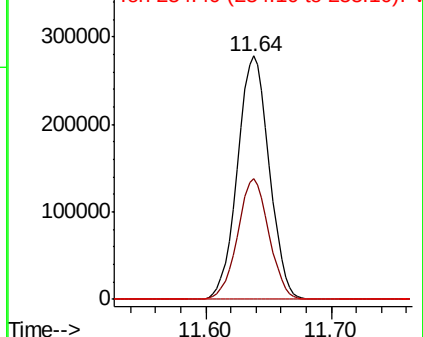
254 0.2 0.1 0.1#



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: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

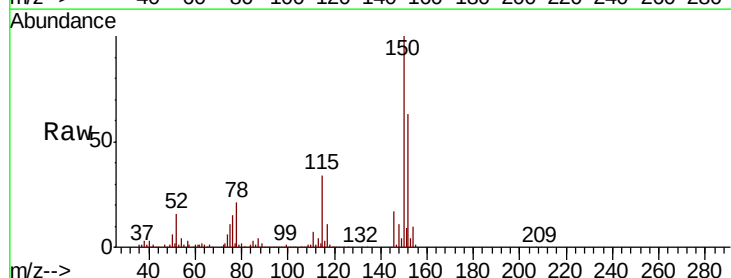
Tgt Ion:152 Resp: 684189

Ion Ratio Lower Upper

152 100

115 54.5 27.5 82.5

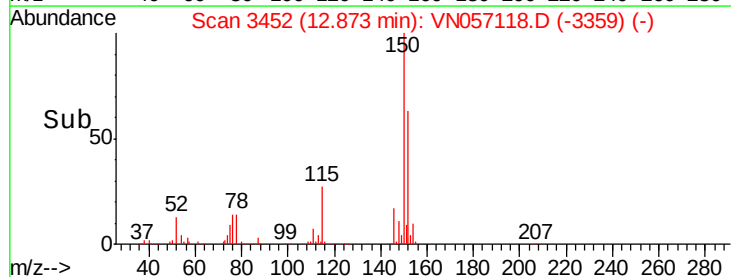
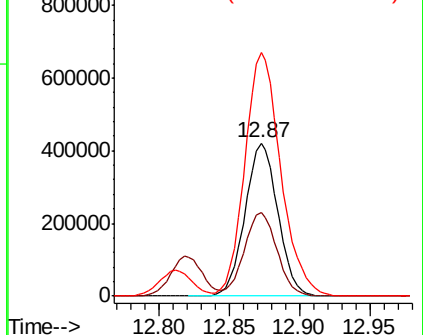
150 174.4 0.0 341.6

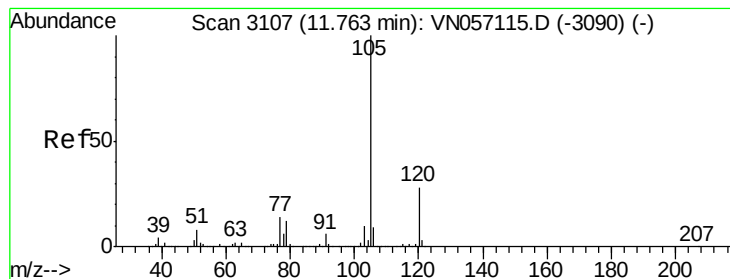


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.229 ug/l

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

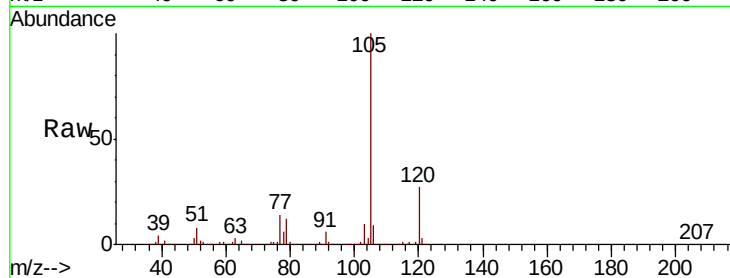
ICVVN080719

Tgt Ion:105 Resp: 2903959

Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

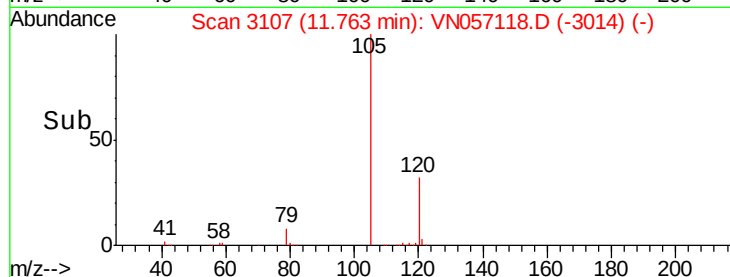
1500000

1000000

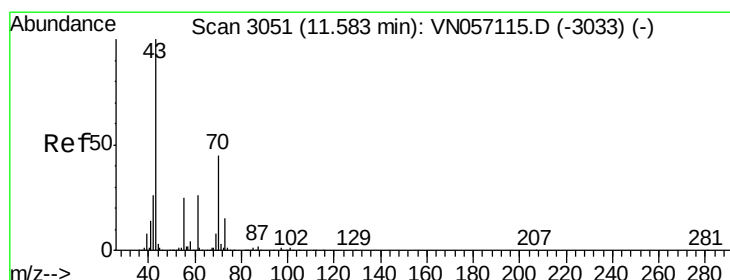
500000

0

Time-->



Time-->



#74

N-ethyl acetate

Concen: 49.192 ug/l

RT: 11.58 min Scan# 3051

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Tgt Ion: 43 Resp: 852890

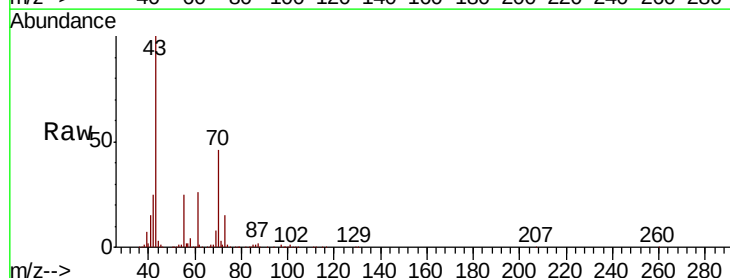
Ion Ratio Lower Upper

43 100

70 46.5 36.8 55.2

55 25.8 20.6 31.0

61 26.5 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

800000

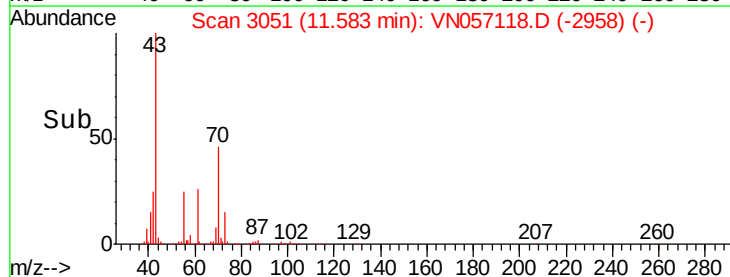
600000

400000

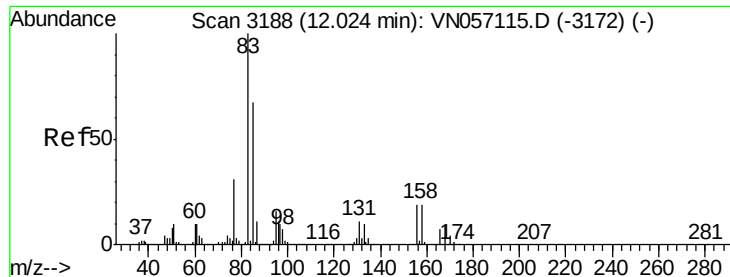
200000

0

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 53.562 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

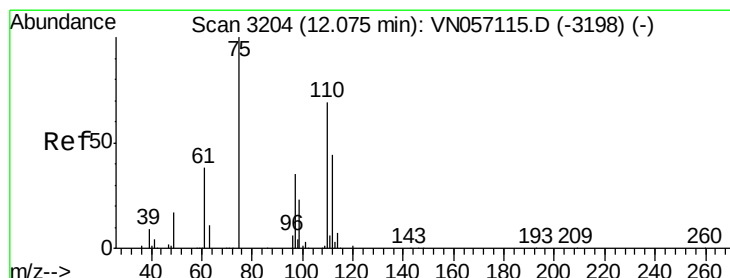
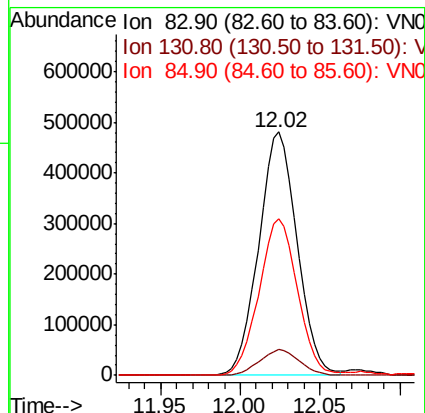
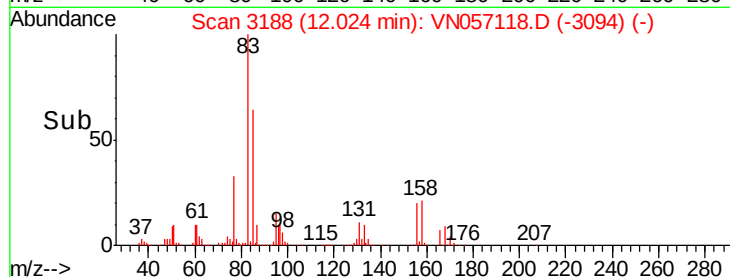
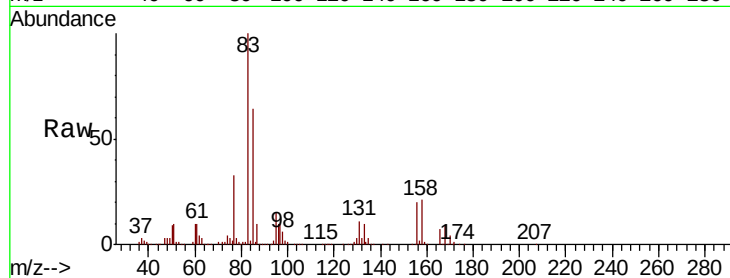
Tgt Ion: 83 Resp: 794672

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 64.3 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 73.254 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN057118.D

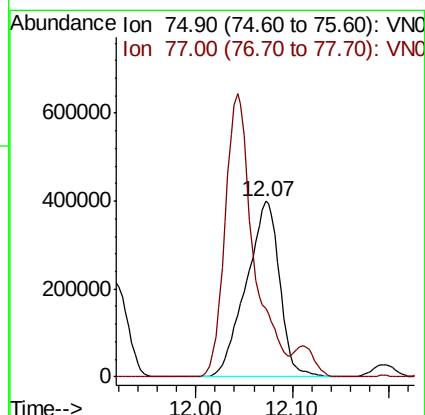
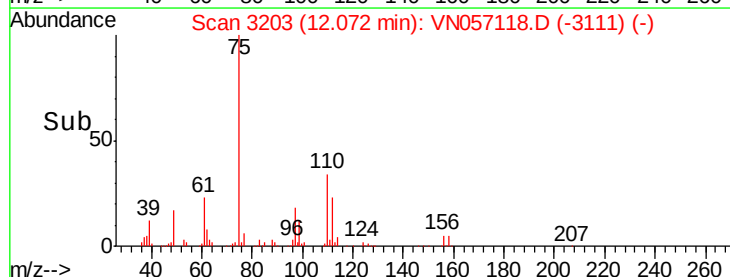
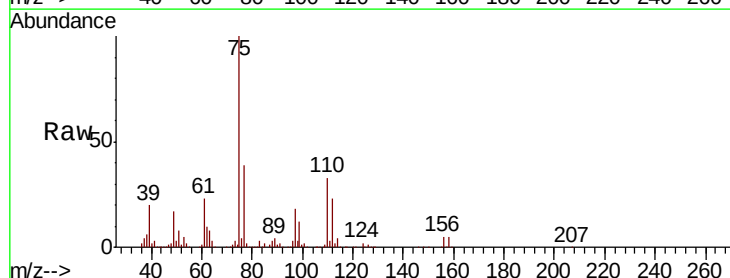
Acq: 7 Aug 2019 22:14

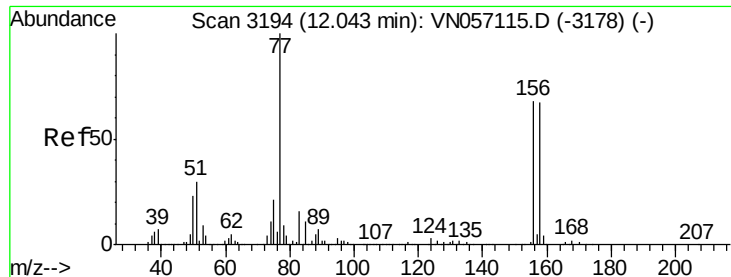
Tgt Ion: 75 Resp: 959768

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.592 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

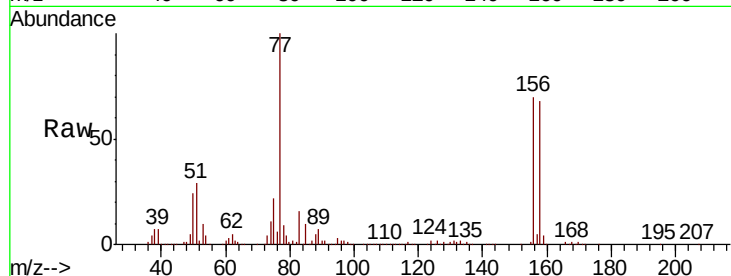
Tgt Ion:156 Resp: 749764

Ion Ratio Lower Upper

156 100

77 177.1 88.7 266.1

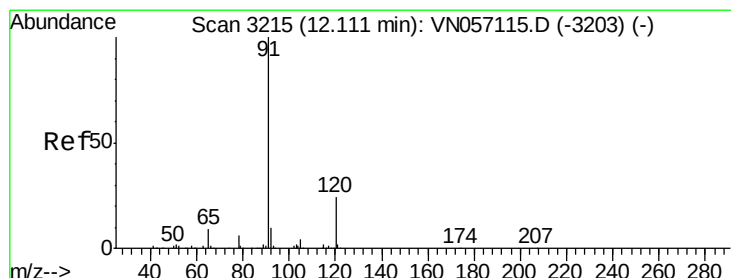
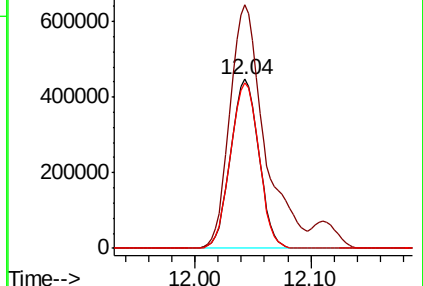
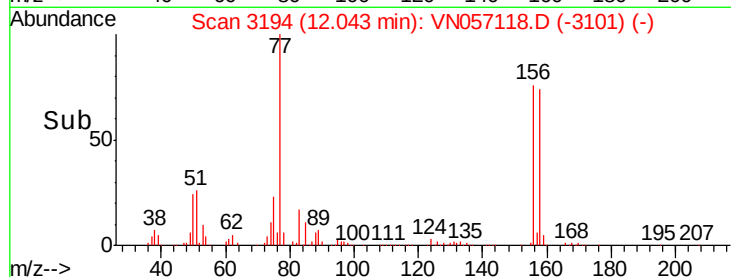
158 98.8 49.3 147.8



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: 47.500 ug/l

RT: 12.11 min Scan# 3215

Delta R.T. -0.00 min

Lab File: VN057118.D

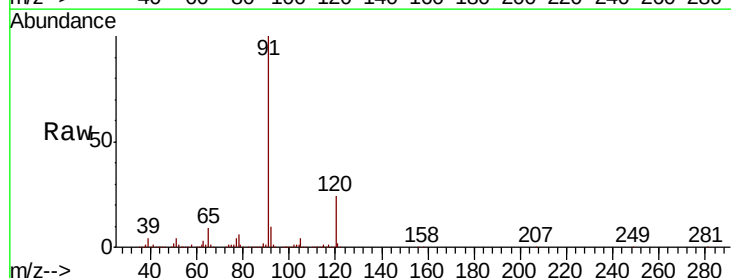
Acq: 7 Aug 2019 22:14

Tgt Ion: 91 Resp: 3117794

Ion Ratio Lower Upper

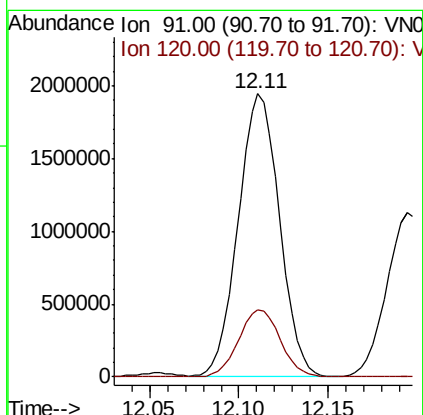
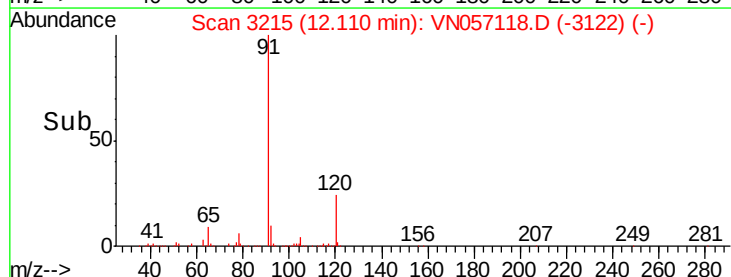
91 100

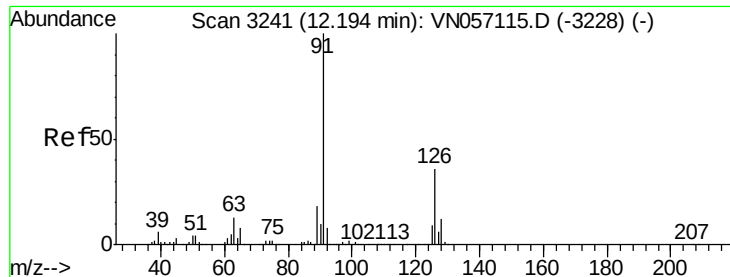
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

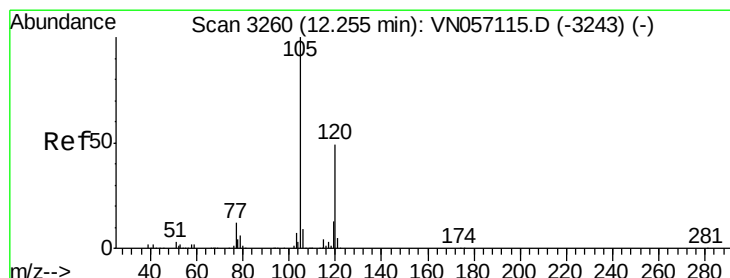
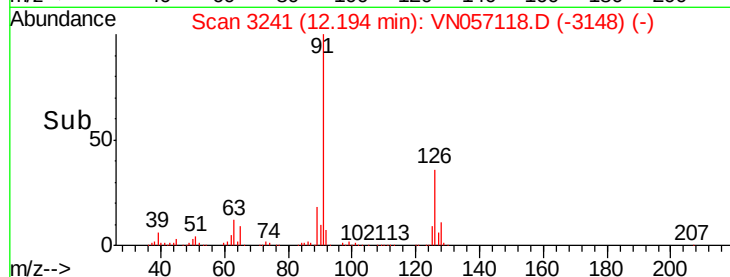
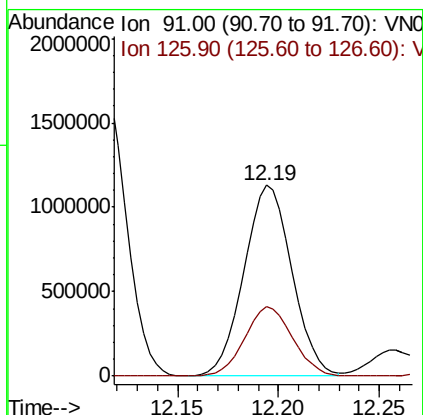
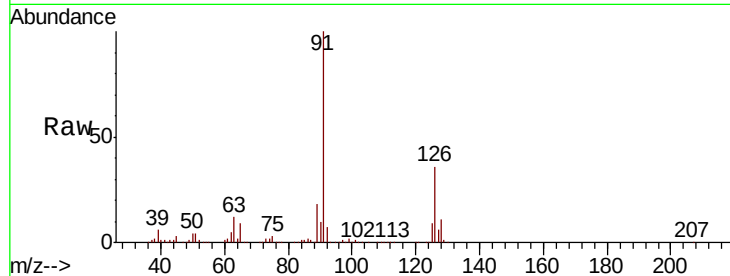




#79
 2-Chlorotoluene
 Concen: 51.355 ug/l
 RT: 12.19 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

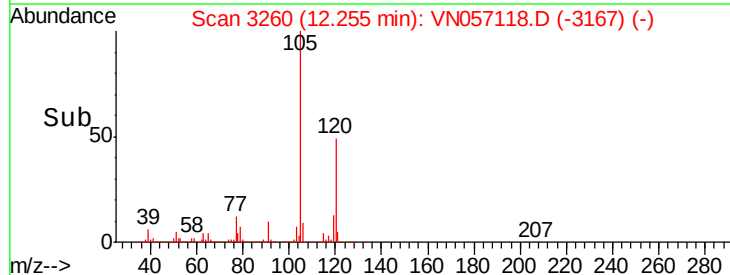
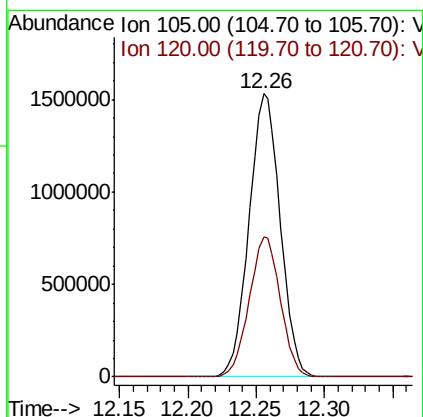
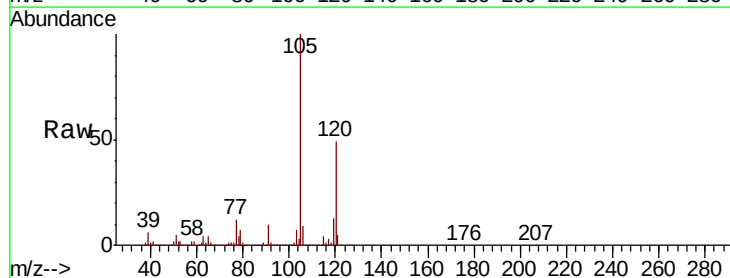
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

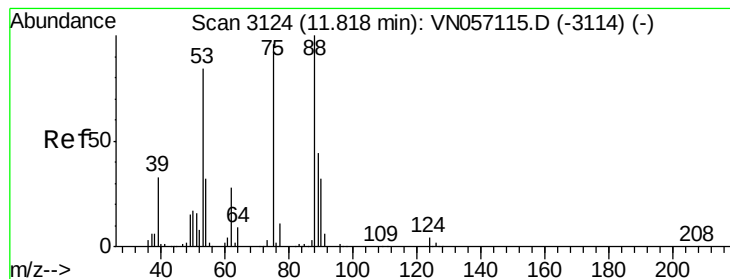
Tgt Ion: 91 Resp: 1876219
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.1 54.3



#80
 1,3,5-Trimethylbenzene
 Concen: 45.839 ug/l
 RT: 12.26 min Scan# 3260
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion: 105 Resp: 2421247
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.407 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

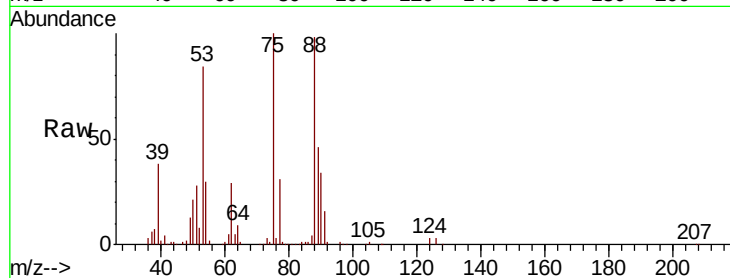
Tgt Ion: 75 Resp: 225249

Ion Ratio Lower Upper

75 100

53 87.5 70.6 106.0

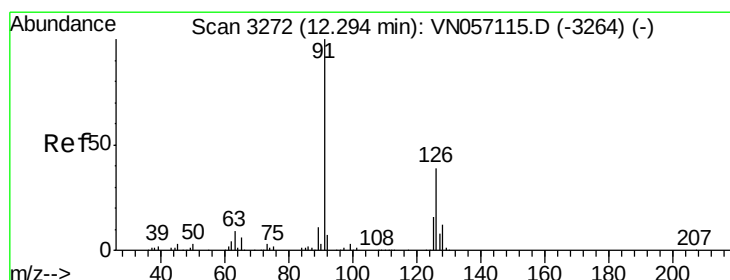
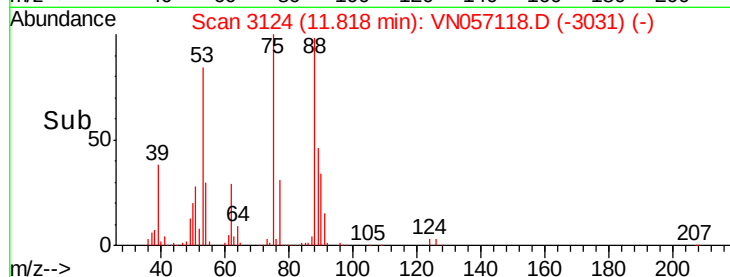
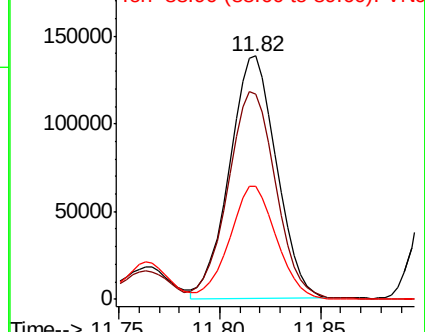
89 46.8 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.312 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN057118.D

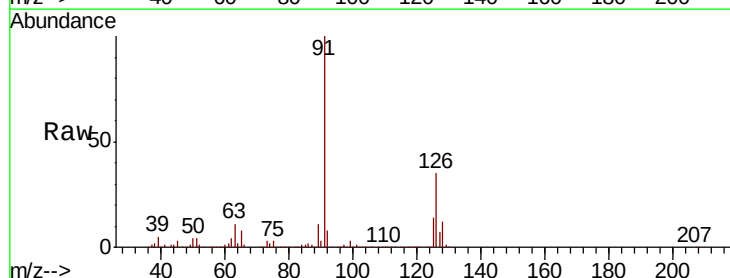
Acq: 7 Aug 2019 22:14

Tgt Ion: 91 Resp: 1798096

Ion Ratio Lower Upper

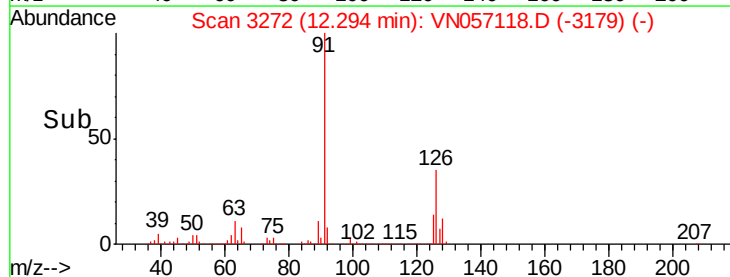
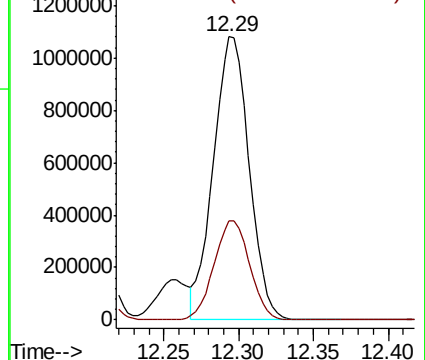
91 100

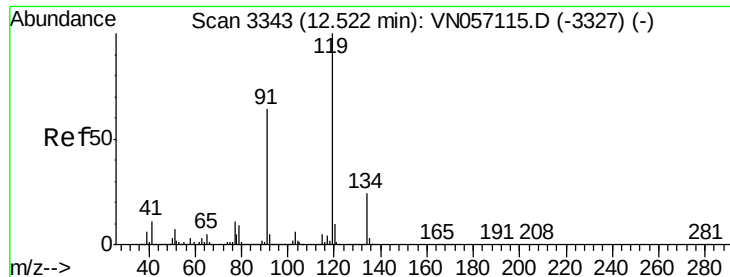
126 35.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

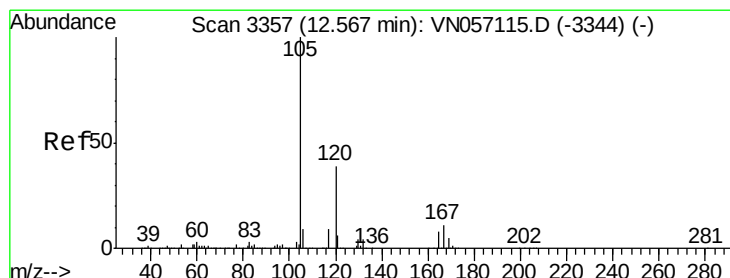
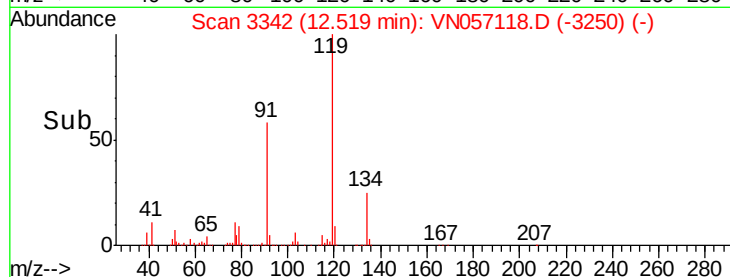
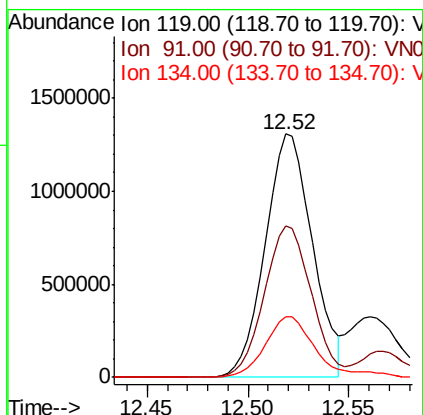
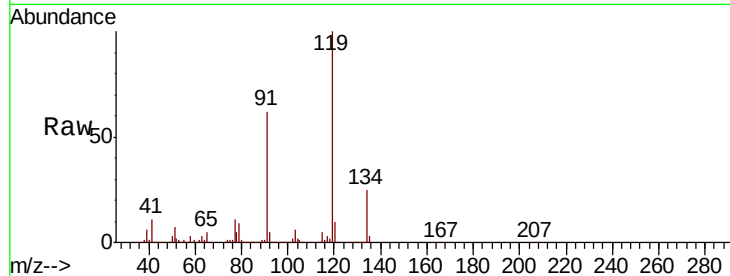




#83
 tert-Butylbenzene
 Concen: 51.205 ug/l
 RT: 12.52 min Scan# 3342
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

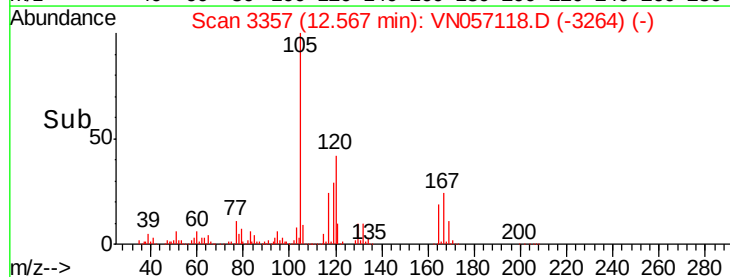
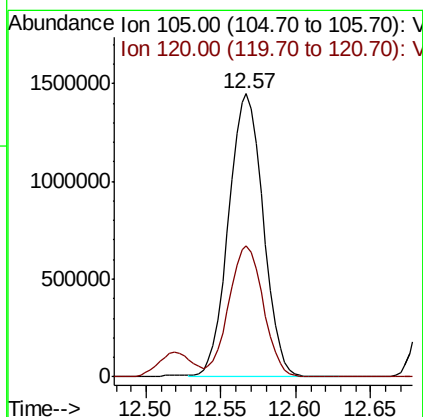
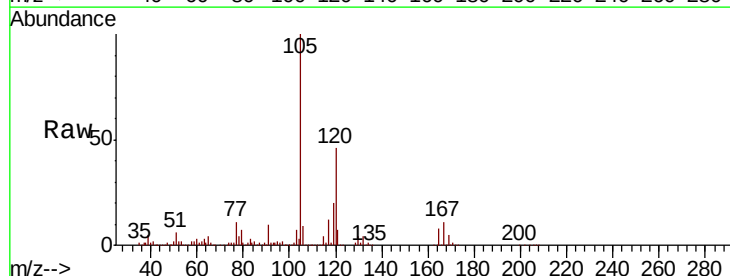
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

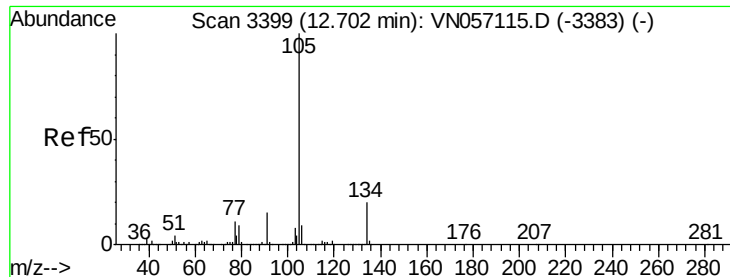
Tgt Ion:119 Resp: 2130024
 Ion Ratio Lower Upper
 119 100
 91 61.7 31.4 94.2
 134 26.7 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 45.643 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion:105 Resp: 2330354
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 45.755 ug/l

RT: 12.70 min Scan# 3399

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

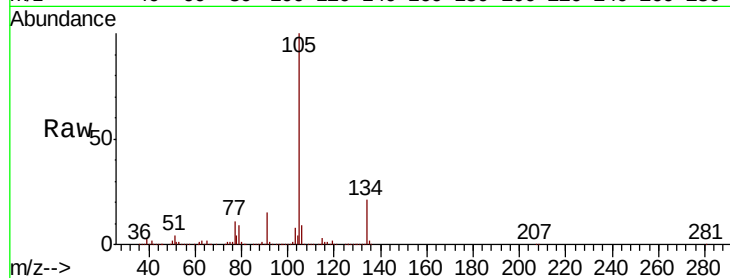
ICVFN080719

Tgt Ion:105 Resp: 2727418

Ion Ratio Lower Upper

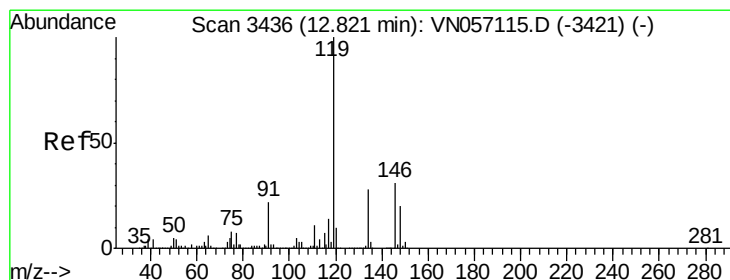
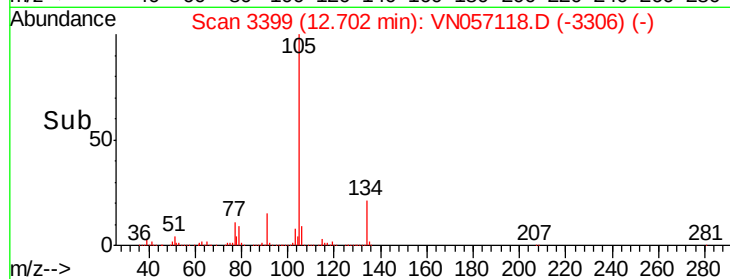
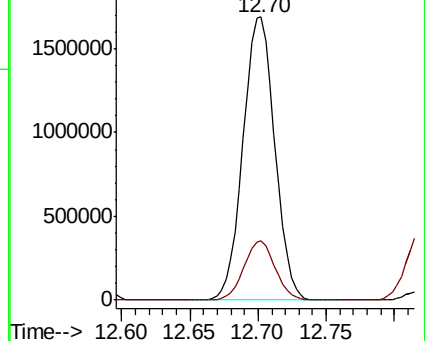
105 100

134 20.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.886 ug/l

RT: 12.82 min Scan# 3436

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

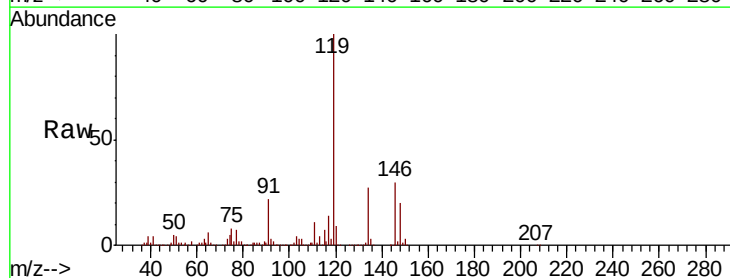
Tgt Ion:119 Resp: 2452441

Ion Ratio Lower Upper

119 100

134 26.8 13.8 41.3

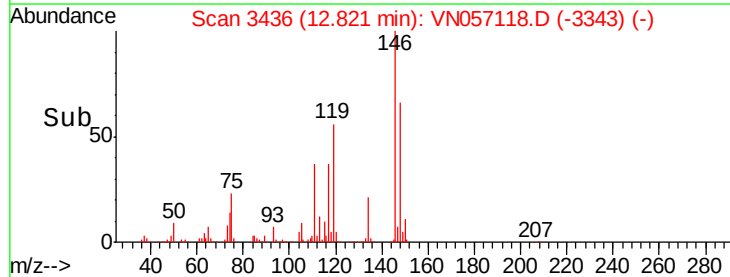
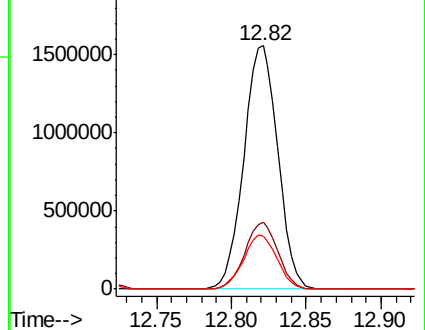
91 22.0 11.0 33.0

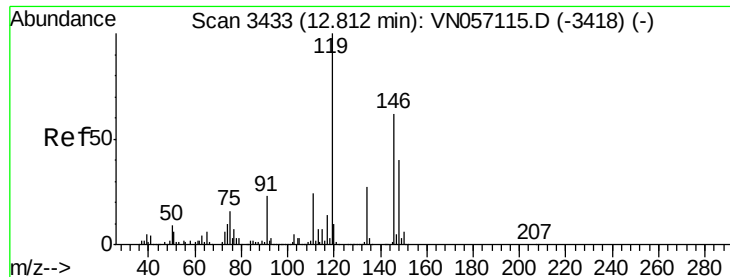


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

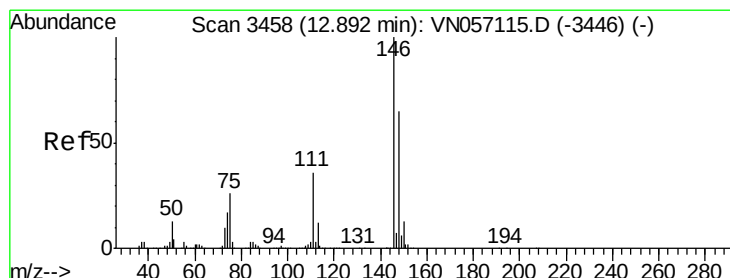
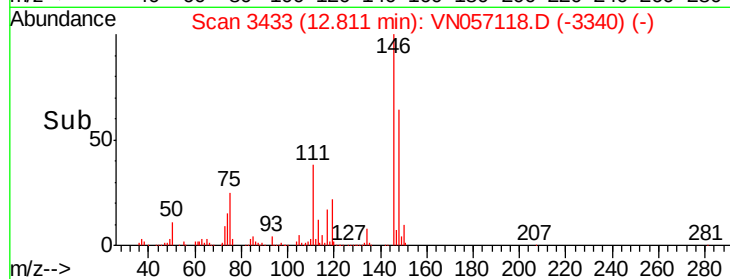
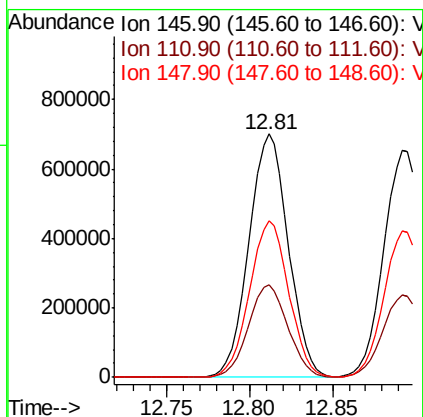
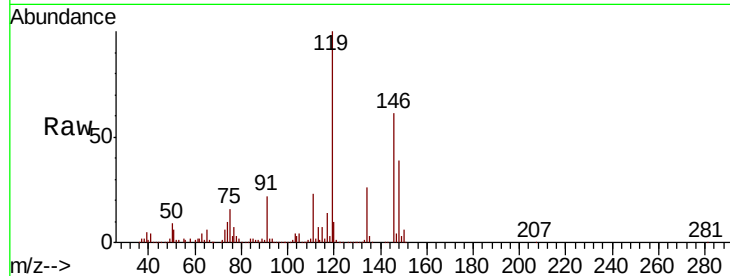




#87
 1,3-Dichlorobenzene
 Concen: 49.340 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

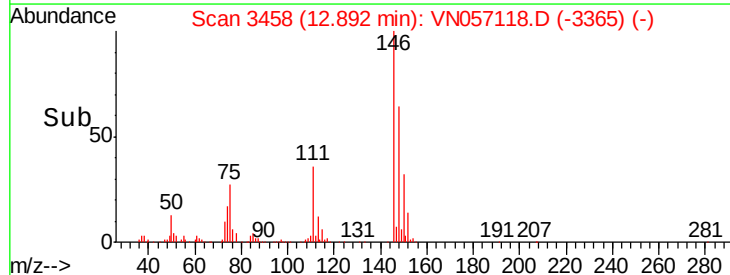
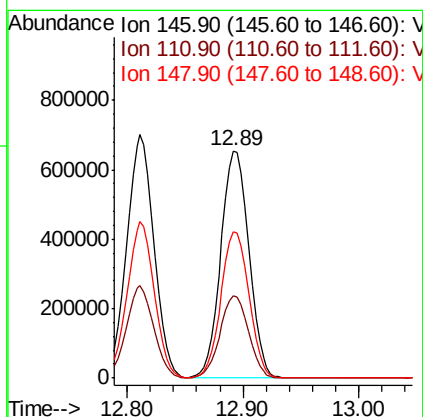
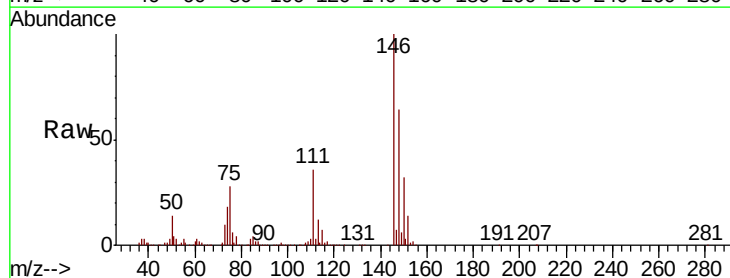
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

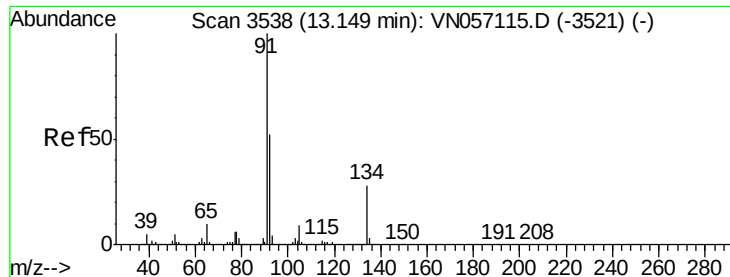
Tgt Ion:146 Resp: 1155170
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.8 56.4
 148 64.0 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 49.562 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion:146 Resp: 1099417
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.2 54.6
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 51.223 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

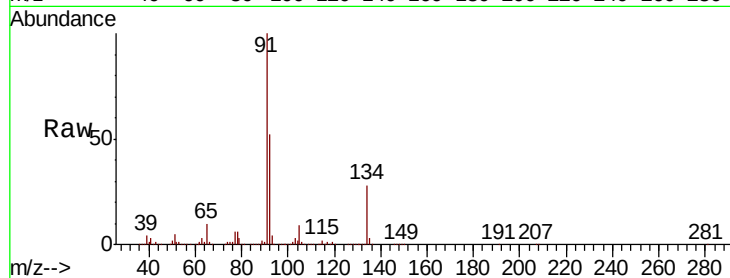
Tgt Ion: 91 Resp: 1851084

Ion Ratio Lower Upper

91 100

92 51.7 26.5 79.4

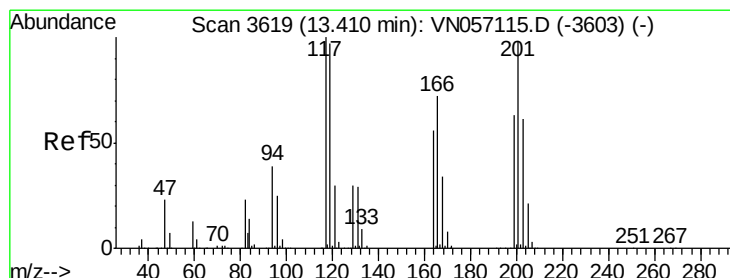
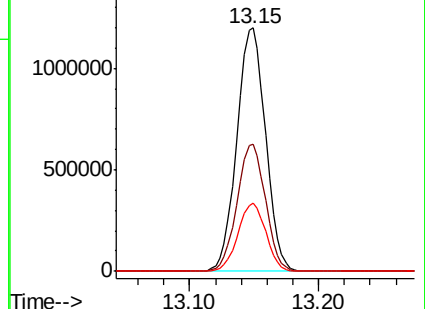
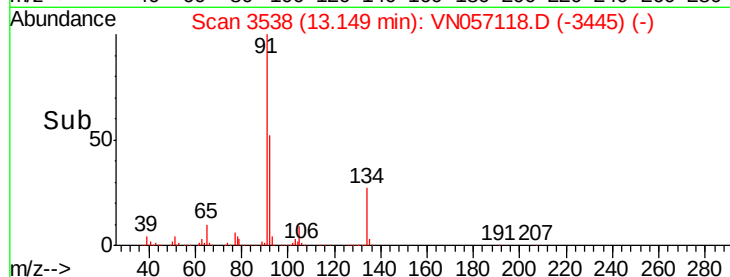
134 27.3 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VN057118.D (-3521) (-)

Ion 92.00 (91.70 to 92.70): VN057118.D (-3521) (-)

Ion 134.00 (133.70 to 134.70): VN057118.D (-3521) (-)



#90

Hexachloroethane

Concen: 51.234 ug/l

RT: 13.41 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VN057118.D

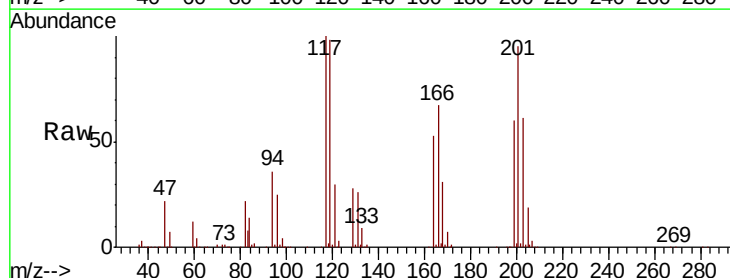
Acq: 7 Aug 2019 22:14

Tgt Ion: 117 Resp: 425796

Ion Ratio Lower Upper

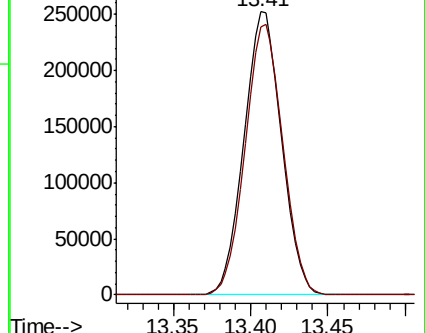
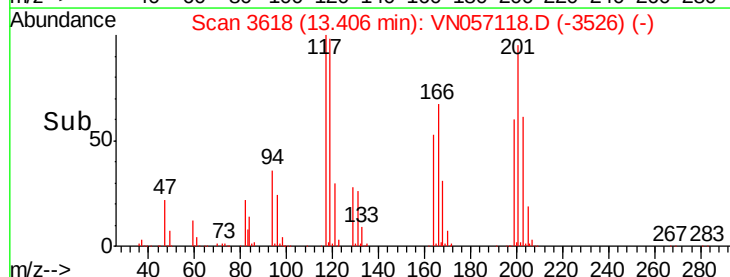
117 100

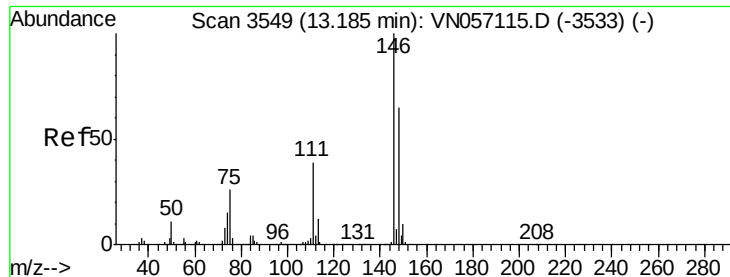
201 95.7 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): VN057118.D (-3603) (-)

Ion 200.70 (200.40 to 201.40): VN057118.D (-3603) (-)

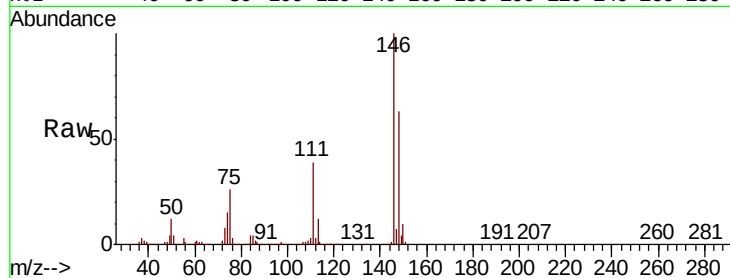




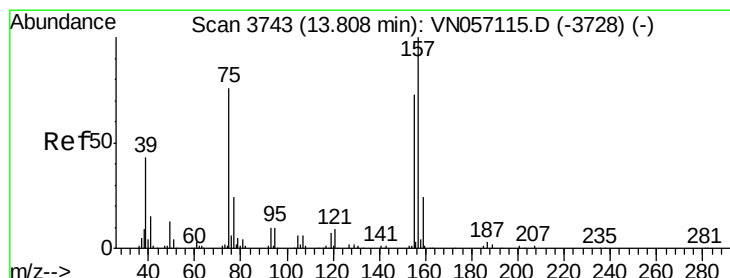
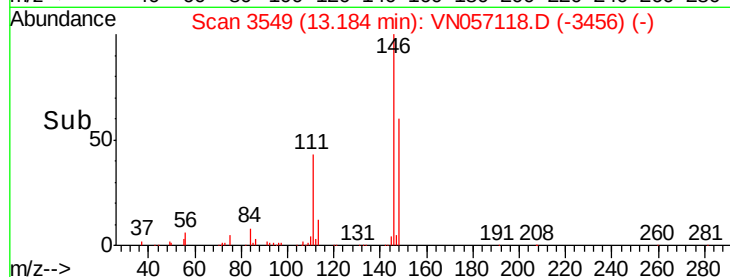
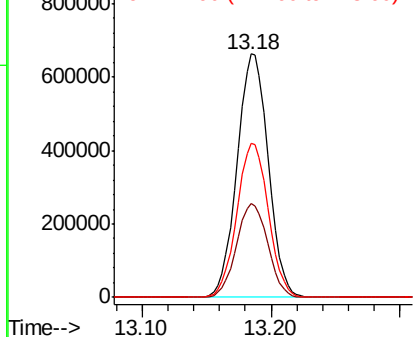
#91
 1,2-Dichlorobenzene
 Concen: 47.624 ug/l
 RT: 13.18 min Scan# 3549
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

Tgt Ion:146 Resp: 1113434
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.2 57.6
 148 63.9 32.4 97.0

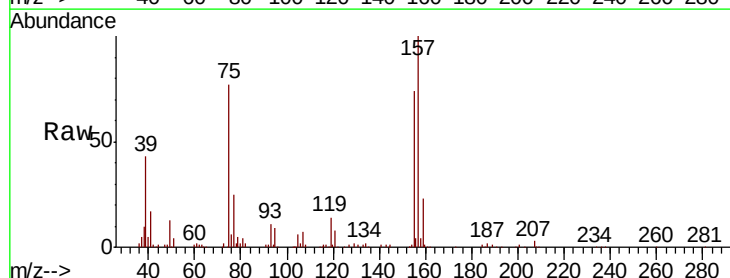


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

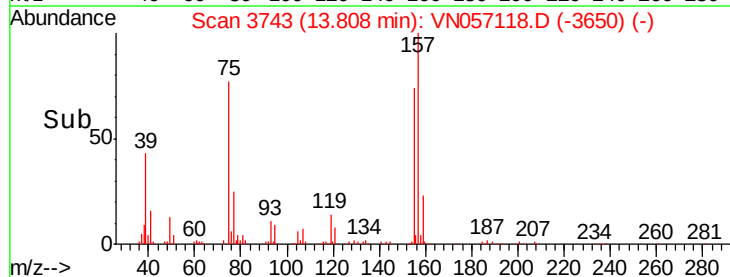
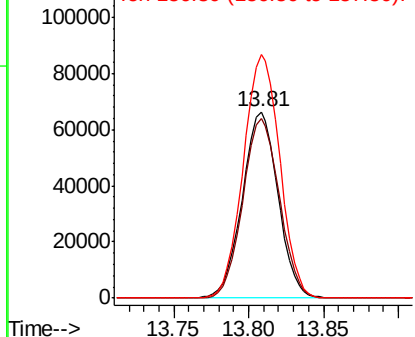


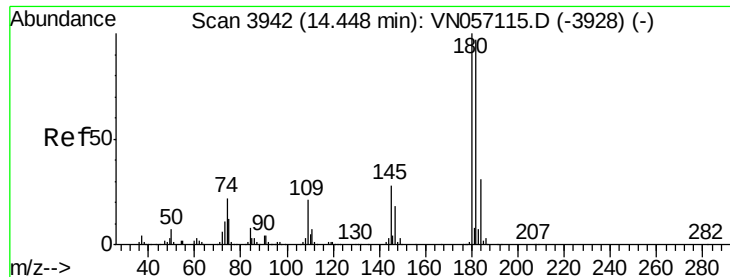
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.955 ug/l
 RT: 13.81 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion: 75 Resp: 110526
 Ion Ratio Lower Upper
 75 100
 155 98.5 49.3 147.9
 157 133.5 65.3 195.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

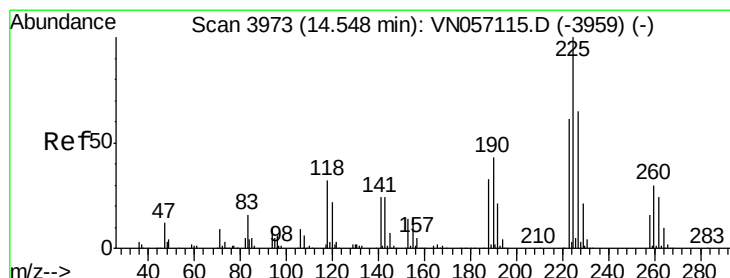
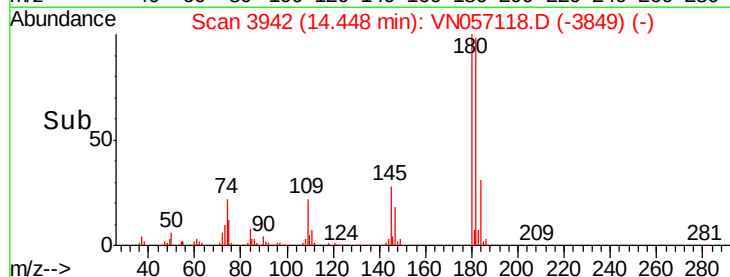
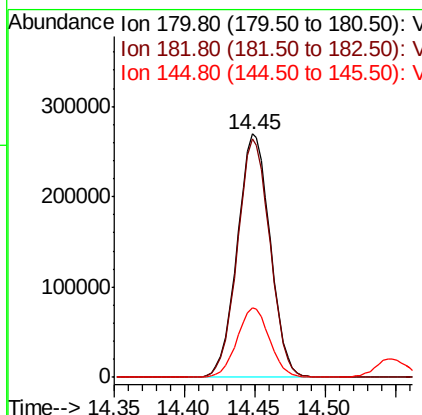
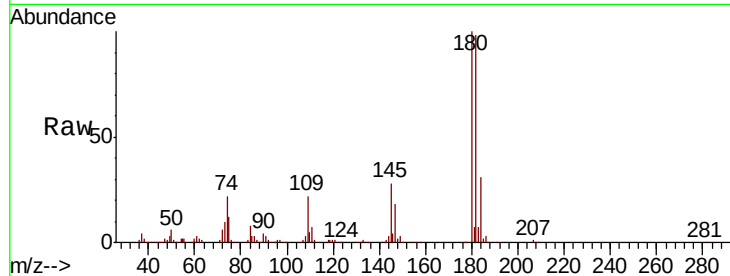




#93
 1,2,4-Trichlorobenzene
 Concen: 44.995 ug/l
 RT: 14.45 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

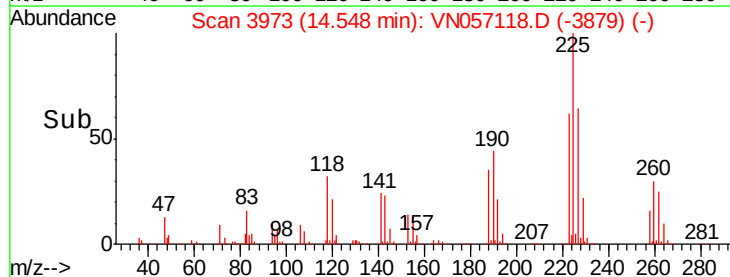
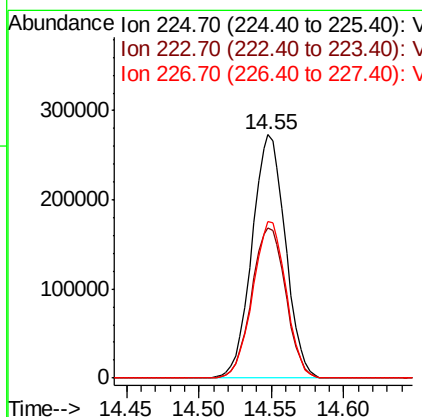
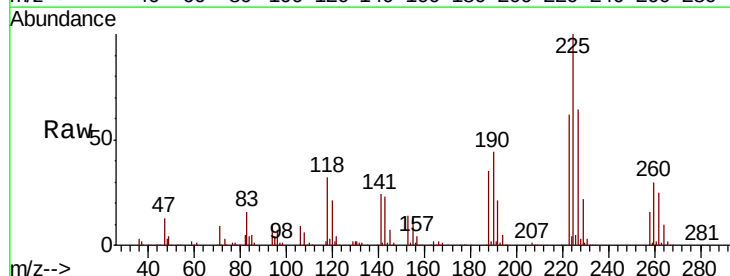
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080719

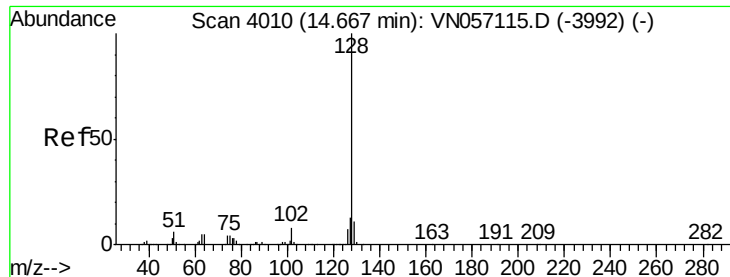
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.5	142.6
145	28.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 53.987 ug/l
 RT: 14.55 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VN057118.D
 Acq: 7 Aug 2019 22:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.9	92.8
227	64.1	32.4	97.0





#95

Naphthalene

Concen: 49.960 ug/l

RT: 14.66 min Scan# 4009

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080719

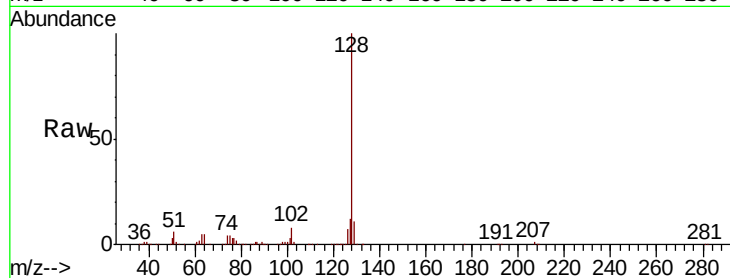
Tgt Ion:128 Resp: 992137

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.0 8.8 13.2

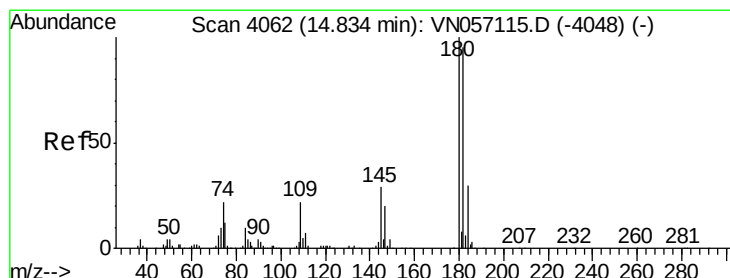
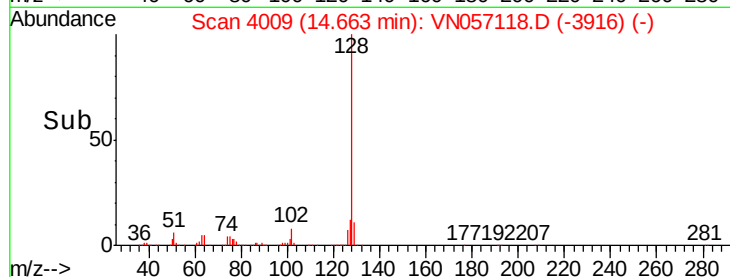
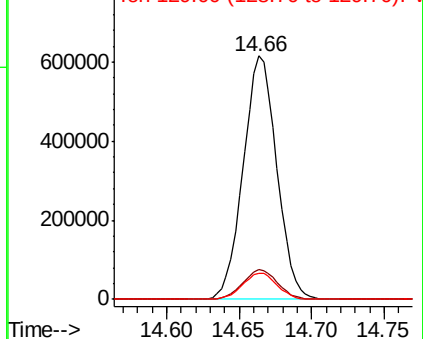


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.274 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VN057118.D

Acq: 7 Aug 2019 22:14

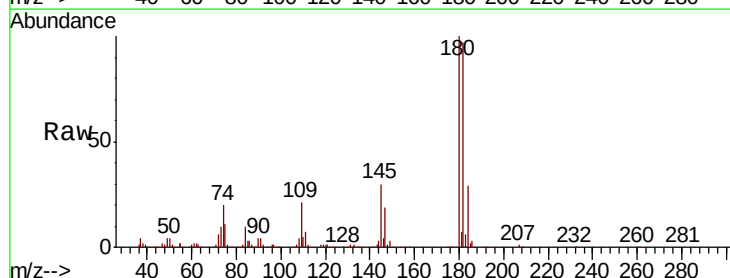
Tgt Ion:180 Resp: 446451

Ion Ratio Lower Upper

180 100

182 96.7 48.3 144.8

145 29.3 14.9 44.5



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

