

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057707.D
 Acq On : 5 Sep 2019 19:39
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 06 02:27:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 02:20:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	209965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	348329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	327646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	190524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	763608	161.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.30%	
35) Dibromofluoromethane	7.57	113	486397	154.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.54%	
50) Toluene-d8	10.08	98	1832172	156.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.24%	
62) 4-Bromofluorobenzene	12.40	95	769543	172.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	345.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	507769	153.676	ug/l	96
3) Chloromethane	2.04	50	547927	160.504	ug/l	100
4) Vinyl Chloride	2.17	62	428528	153.001	ug/l	98
5) Bromomethane	2.51	94	195706	124.360	ug/l	100
6) Chloroethane	2.67	64	222591	118.357	ug/l	91
7) Trichlorofluoromethane	2.99	101	669714	131.058	ug/l	100
8) Diethyl Ether	3.39	74	277595	155.341	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	423194	149.073	ug/l	98
10) Methyl Iodide	3.93	142	500467	152.716	ug/l	97
11) Tert butyl alcohol	4.76	59	429164	809.553	ug/l	100
12) 1,1-Dichloroethene	3.71	96	386690	157.161	ug/l	98
13) Acrolein	3.58	56	202179	730.607	ug/l	94
14) Allyl chloride	4.29	41	908679	162.143	ug/l	99
15) Acrylonitrile	4.96	53	1141922	839.225	ug/l	99
16) Acetone	3.79	43	1131645	693.546	ug/l	99
17) Carbon Disulfide	4.03	76	946768	164.427	ug/l	99
18) Methyl Acetate	4.30	43	604451	141.889	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	1615582	157.227	ug/l	99
20) Methylene Chloride	4.53	84	470602	149.244	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	407728	153.341	ug/l	97
22) Diisopropyl ether	5.93	45	1878161	156.800	ug/l	97
23) Vinyl Acetate	5.87	43	7115525	789.355	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	937073	154.682	ug/l	99
25) 2-Butanone	6.81	43	1682733	780.339	ug/l	100
26) 2,2-Dichloropropane	6.80	77	827327	154.933	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	501879	156.891	ug/l	99
28) Bromochloromethane	7.18	49	492653	155.093	ug/l	98
29) Tetrahydrofuran	7.19	42	1058246	805.042	ug/l	100
30) Chloroform	7.36	83	983434	152.838	ug/l	98
31) Cyclohexane	7.64	56	784856	147.213	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	866929	162.381	ug/l	100
36) 1,1-Dichloropropene	7.78	75	671372	153.628	ug/l	99
37) Ethyl Acetate	6.91	43	716289	160.713	ug/l	99
38) Carbon Tetrachloride	7.76	117	721259	161.792	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	730630	150.580	ug/l	99
40) Benzene	8.03	78	1918489	150.923	ug/l	99
41) Methacrylonitrile	7.19	41	1074731	577.974	ug/l #	45
42) 1,2-Dichloroethane	8.11	62	890543	152.258	ug/l	99
43) Isopropyl Acetate	8.15	43	1366726	166.921	ug/l	99
44) Trichloroethene	8.82	130	452696	148.778	ug/l	95
45) 1,2-Dichloropropane	9.11	63	539847	152.040	ug/l	98
46) Dibromomethane	9.20	93	354931	153.471	ug/l	98
47) Bromodichloromethane	9.40	83	812031	169.717	ug/l	99
48) Methyl methacrylate	9.19	41	684145	173.066	ug/l	100
49) 1,4-Dioxane	9.19	88	161732	2889.561	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	3415842	755.942	ug/l	93
52) Toluene	10.15	92	1198195	152.179	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	857562	175.292	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	885957	165.992	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	482084	153.689	ug/l	98
56) Ethyl methacrylate	10.43	69	819578	169.990	ug/l	99
57) 1,3-Dichloropropane	10.71	76	855031	154.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1920538	1120.914	ug/l	100
59) 2-Hexanone	10.75	43	2621572	827.612	ug/l	96
60) Dibromochloromethane	10.90	129	540477	175.574	ug/l	98
61) 1,2-Dibromoethane	11.00	107	488138	158.927	ug/l	99
64) Tetrachloroethene	10.63	164	376101	132.645	ug/l	98
65) Chlorobenzene	11.43	112	1275450	153.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	481274	159.373	ug/l	99
67) Ethyl Benzene	11.51	91	2374708	149.710	ug/l	94
68) m/p-Xylenes	11.62	106	1741674	318.745	ug/l	85
69) o-Xylene	11.95	106	853401	156.727	ug/l	99
70) Styrene	11.96	104	1521681	175.416	ug/l	99
71) Bromoform	12.13	173	356707	188.944	ug/l #	99
73) Isopropylbenzene	12.25	105	2346758	102.693	ug/l	98
74) N-amyl acetate	12.07	43	1307251	137.672	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	723081	116.729	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	965183	184.457	ug/l #	100
77) Bromobenzene	12.53	156	537944	110.321	ug/l	99
78) n-propylbenzene	12.59	91	2727829	109.424	ug/l	95
79) 2-Chlorotoluene	12.68	91	1748966	113.720	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2068581	111.213	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	235092	153.051	ug/l	96
82) 4-Chlorotoluene	12.78	91	1843218	126.509	ug/l	99
83) tert-Butylbenzene	13.00	119	1734728	105.960	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2052798	120.521	ug/l	98
85) sec-Butylbenzene	13.17	105	2348637	113.957	ug/l	98
86) p-Isopropyltoluene	13.29	119	2082815	122.538	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	1016014	151.376	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	1012261	148.106	ug/l	99
89) n-Butylbenzene	13.62	91	2104498	141.749	ug/l	98
90) Hexachloroethane	13.88	117	377872	124.935	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	989922	155.144	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	165466	181.195	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 02:20:36 2019
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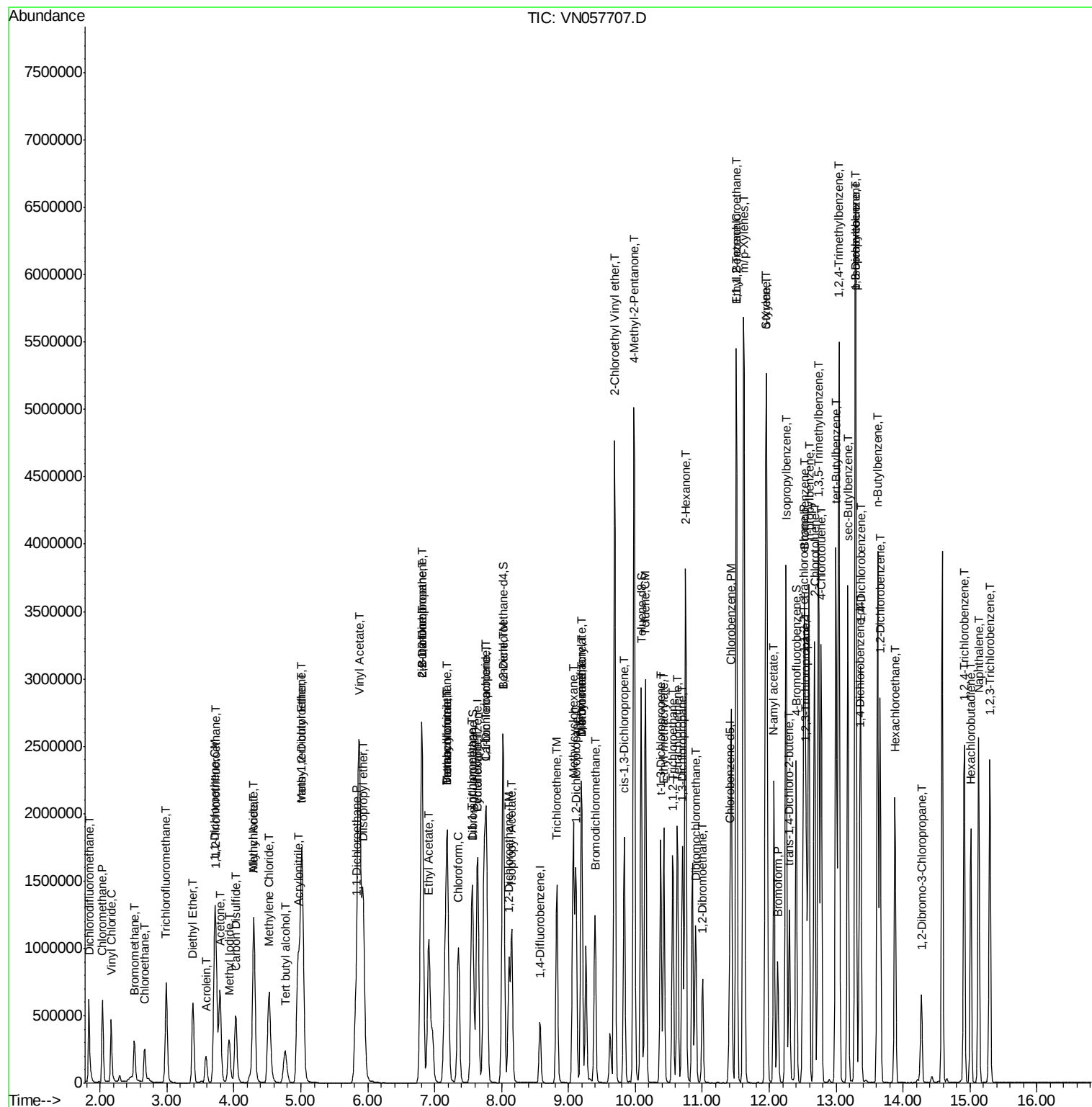
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	664457	284.513	ug/l	99
94) Hexachlorobutadiene	15.01	225	300152	116.202	ug/l	99
95) Naphthalene	15.13	128	1866636	304.624	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	621092	284.770	ug/l	99

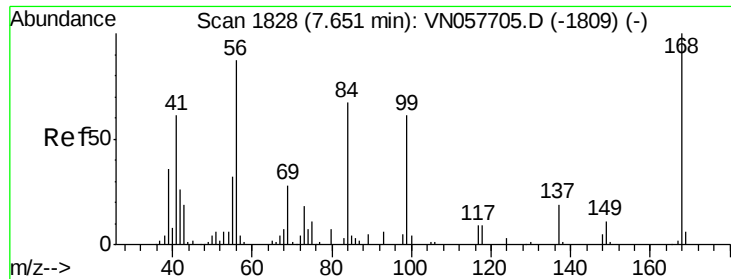
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

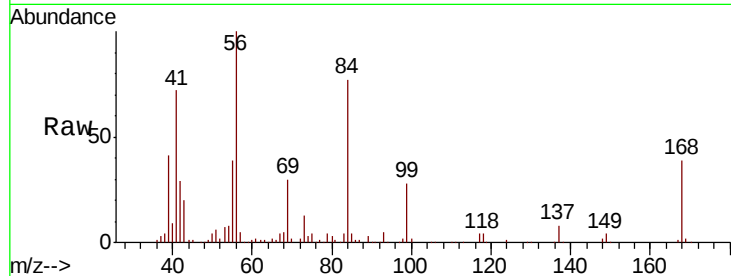
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 168 Resp: 209965

Ion Ratio Lower Upper

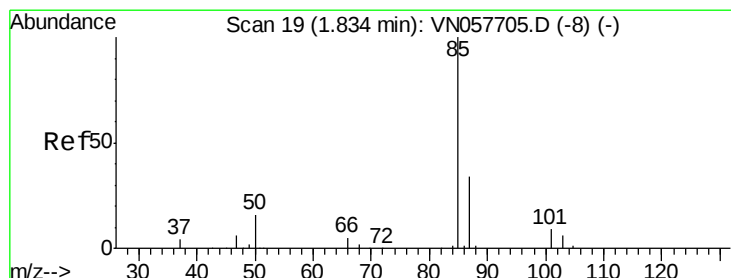
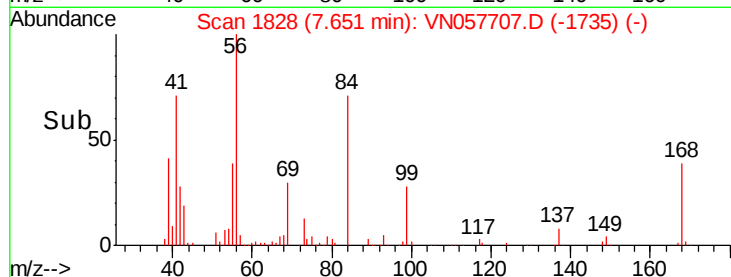
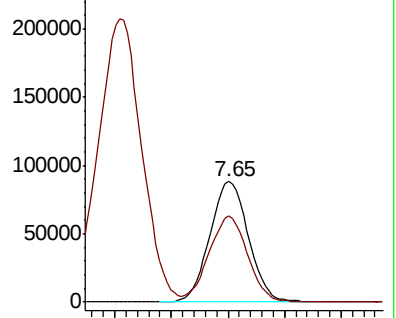
168 100

99 70.6 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 153.676 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057707.D

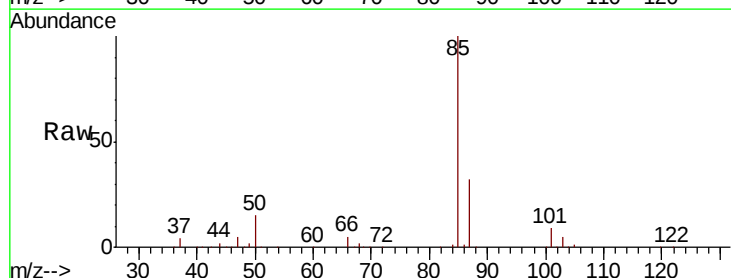
Acq: 5 Sep 2019 19:39

Tgt Ion: 85 Resp: 507769

Ion Ratio Lower Upper

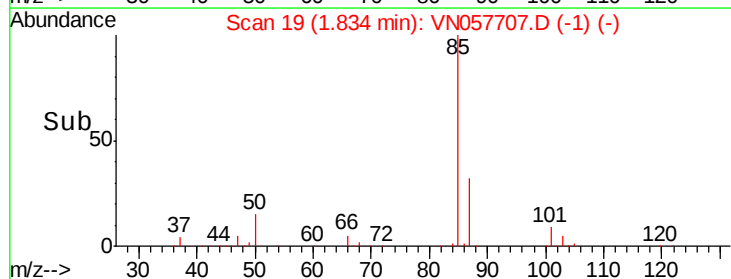
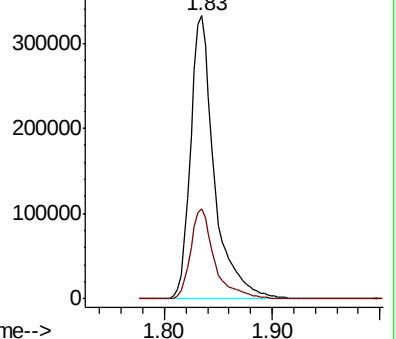
85 100

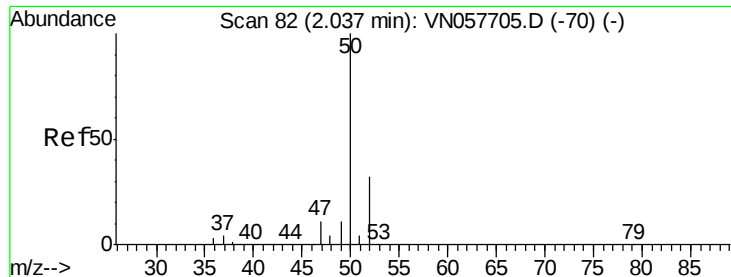
87 31.6 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 160.504 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

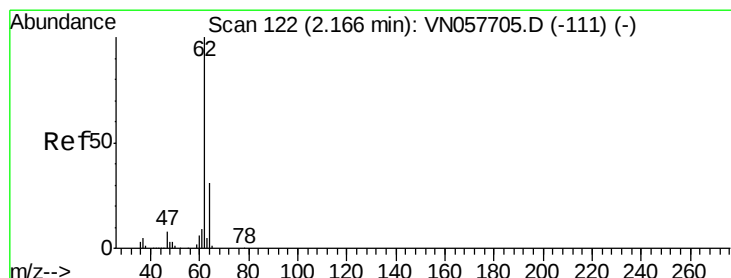
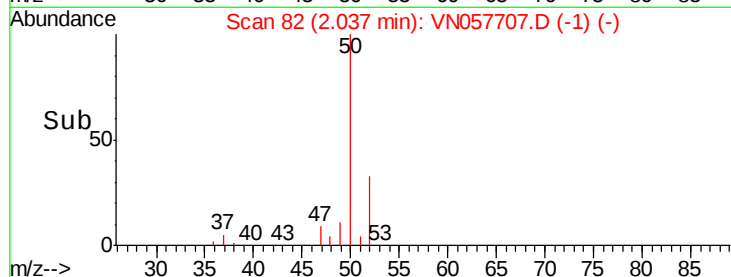
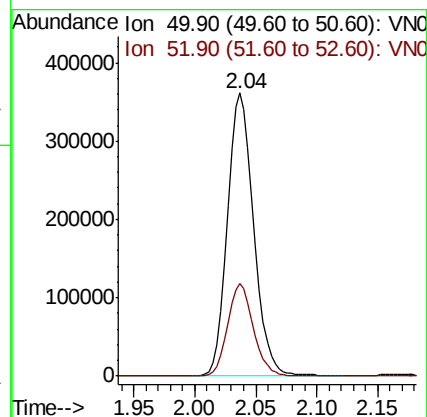
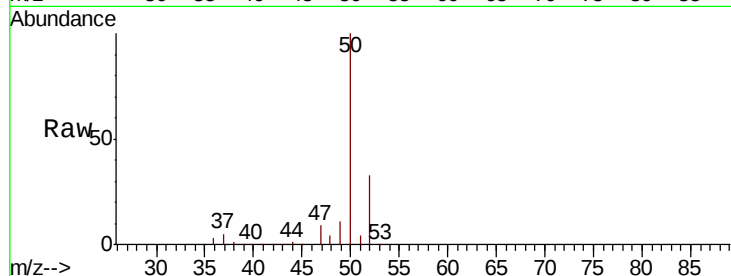
VSTDIC150

Tgt Ion: 50 Resp: 547927

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 153.001 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN057707.D

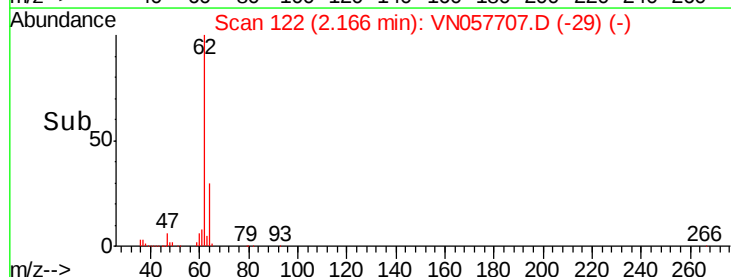
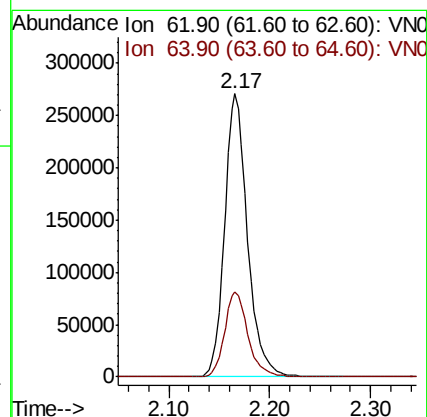
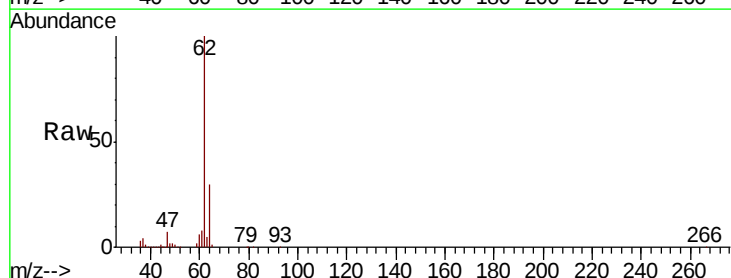
Acq: 5 Sep 2019 19:39

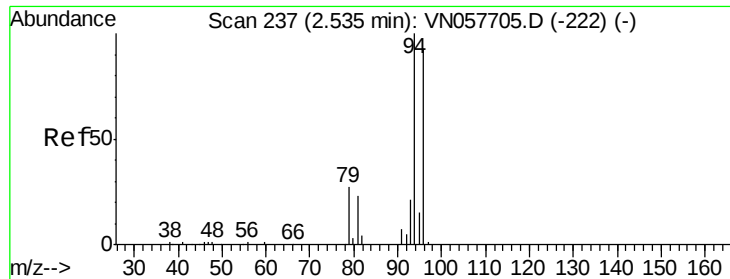
Tgt Ion: 62 Resp: 428528

Ion Ratio Lower Upper

62 100

64 29.8 24.9 37.3





#5

Bromomethane

Concen: 124.360 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.02 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

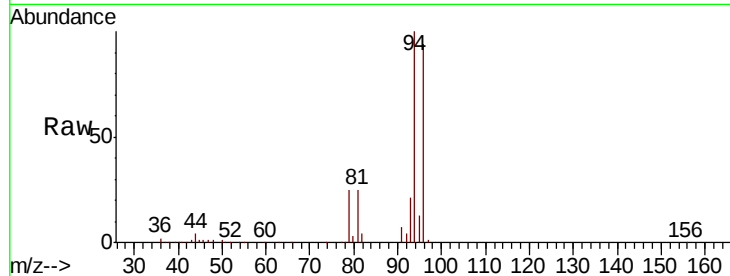
VSTDIC150

Tgt Ion: 94 Resp: 195706

Ion Ratio Lower Upper

94 100

96 93.9 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.51

100000

80000

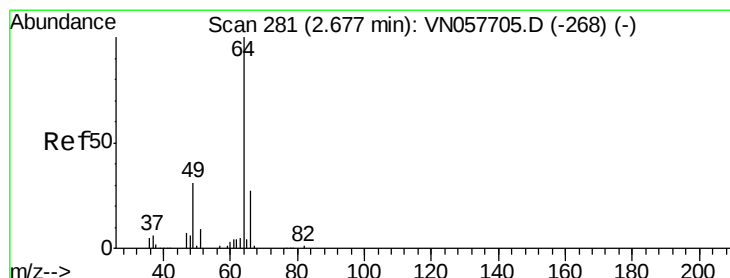
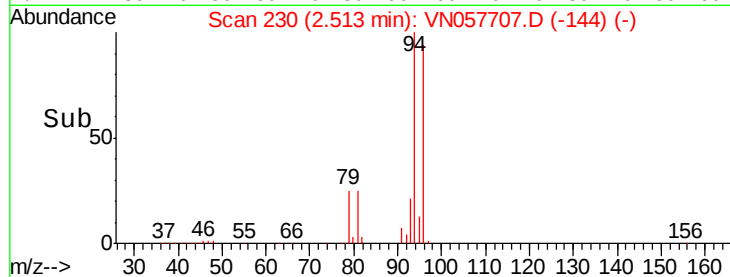
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 118.357 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.01 min

Lab File: VN057707.D

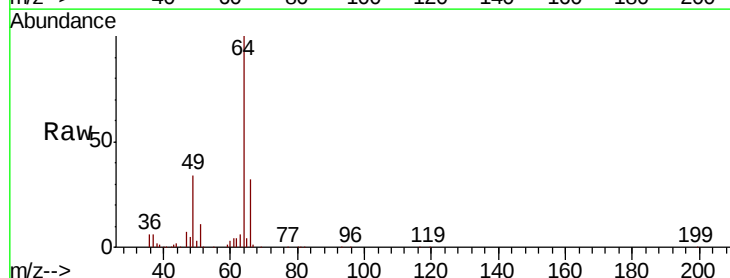
Acq: 5 Sep 2019 19:39

Tgt Ion: 64 Resp: 222591

Ion Ratio Lower Upper

64 100

66 32.1 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

120000

100000

80000

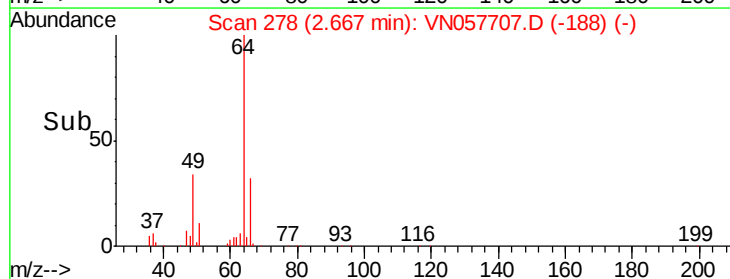
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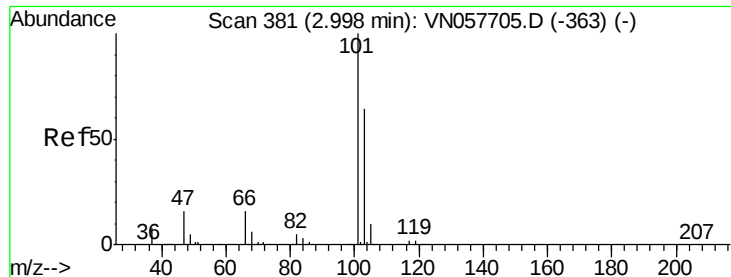
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20000

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Time-->



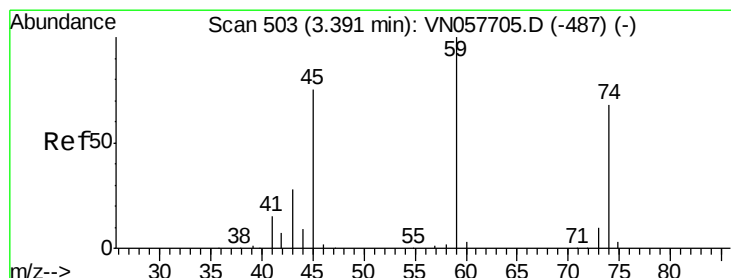
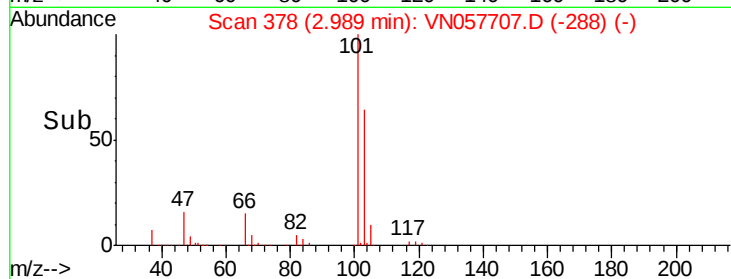
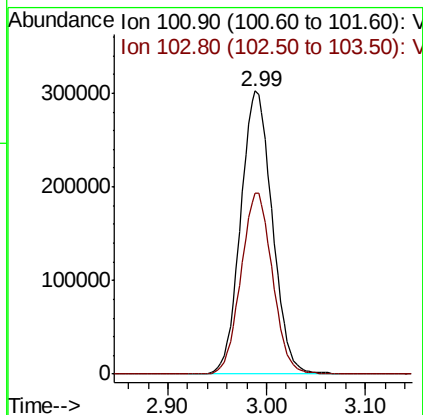
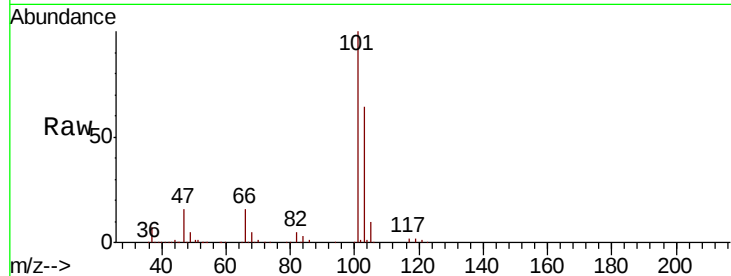


#7

Trichlorofluoromethane
 Concen: 131.058 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. -0.01 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Instrument :
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 VSTDIC150

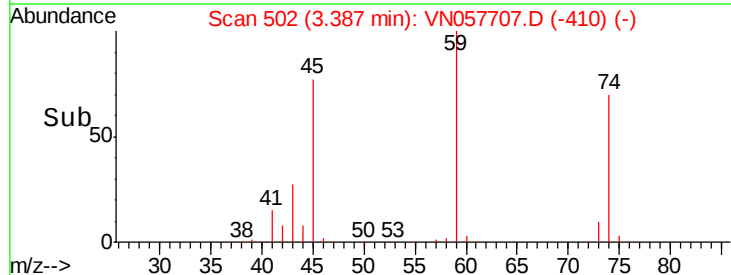
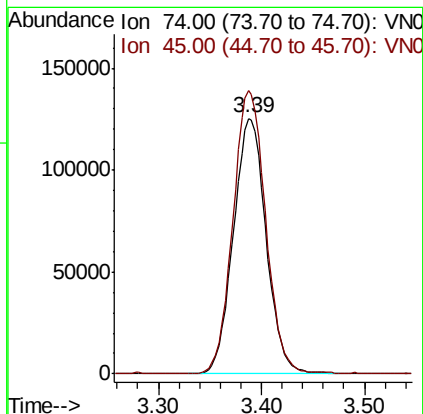
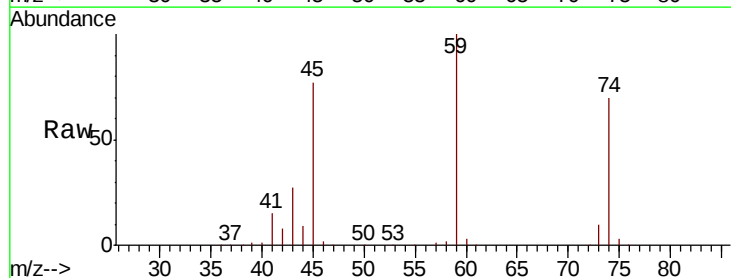
Tgt Ion: 101 Resp: 669714
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.0

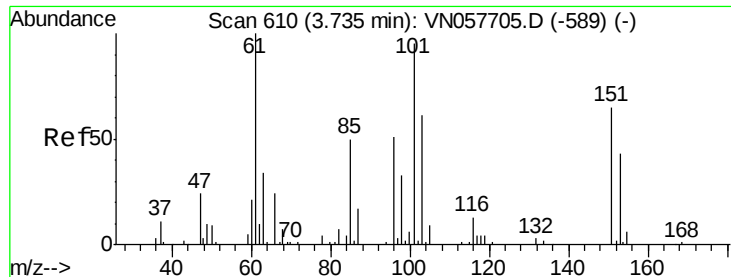


#8

Diethyl Ether
 Concen: 155.341 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion: 74 Resp: 277595
 Ion Ratio Lower Upper
 74 100
 45 110.8 55.4 166.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.073 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

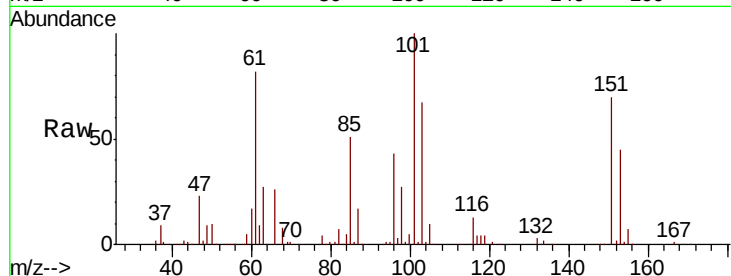
Tgt Ion:101 Resp: 423194

Ion Ratio Lower Upper

101 100

85 51.2 42.8 64.2

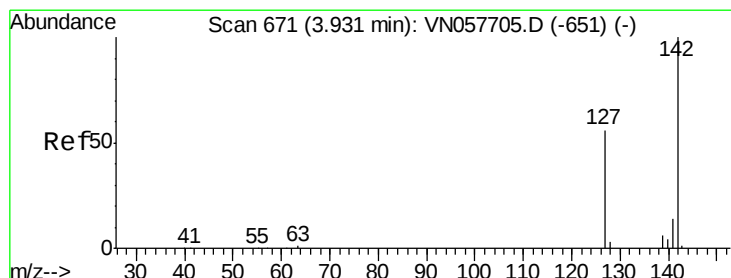
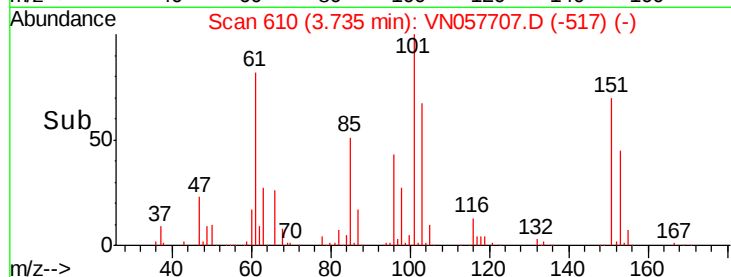
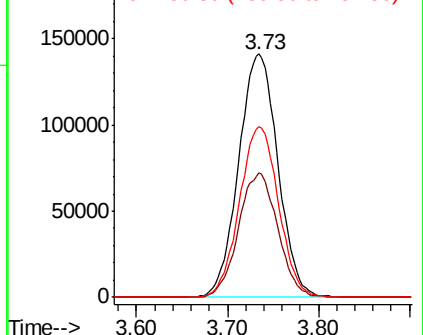
151 69.9 55.5 83.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 152.716 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

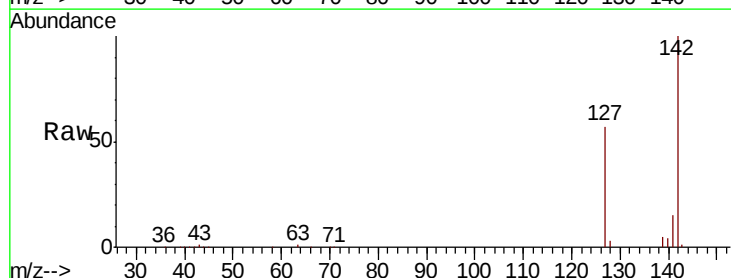
Tgt Ion:142 Resp: 500467

Ion Ratio Lower Upper

142 100

127 54.7 42.1 63.1

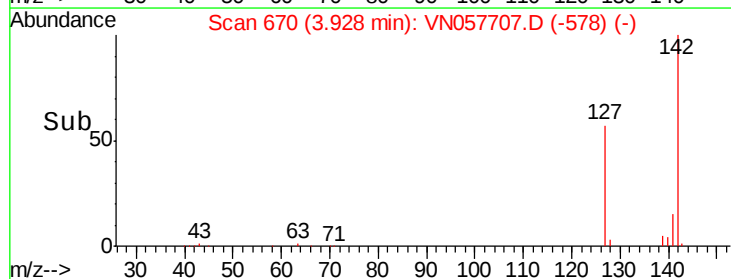
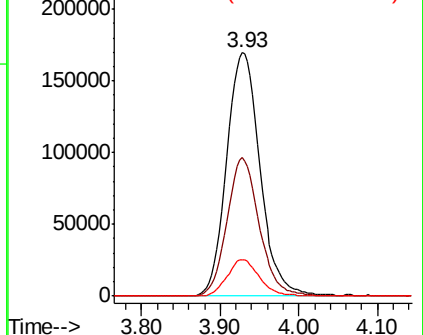
141 14.5 11.0 16.4

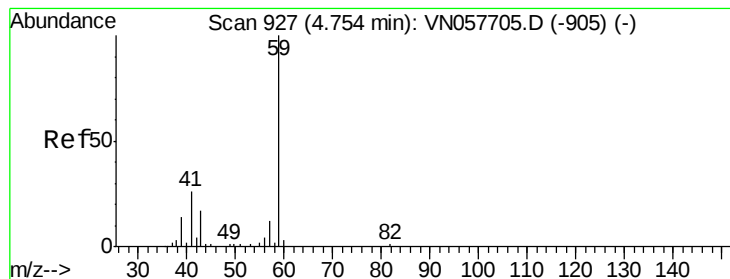


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



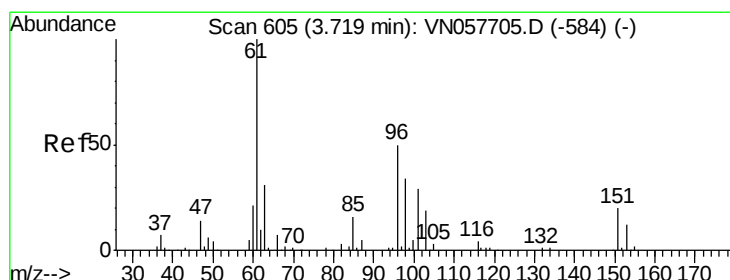
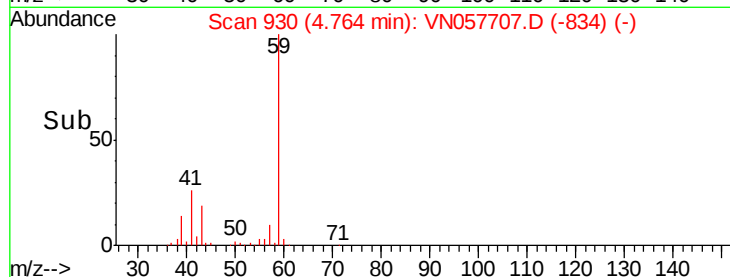
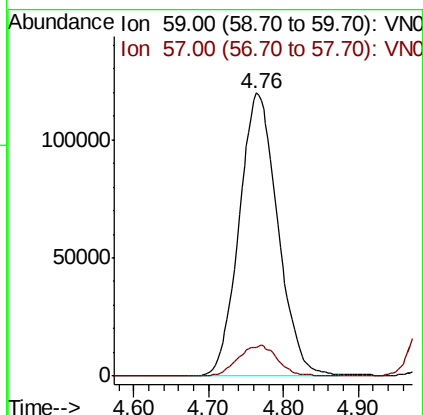
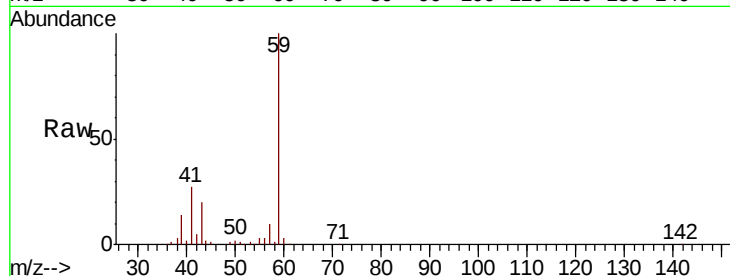


#11

Tert butyl alcohol
 Concen: 809.553 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

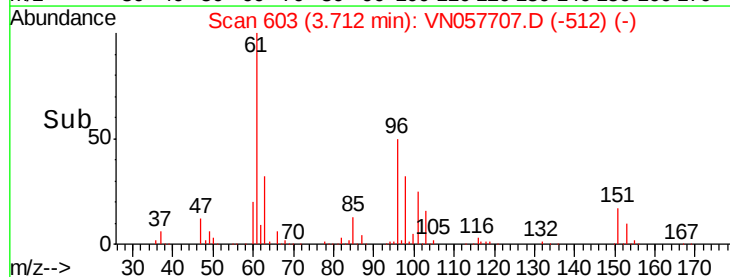
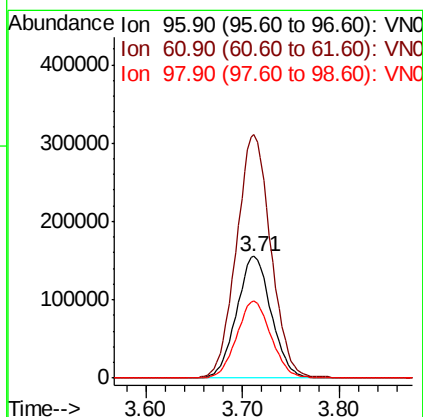
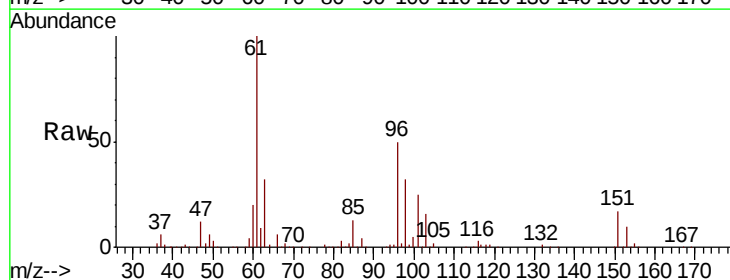
Tgt Ion: 59 Resp: 429164
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.9 13.3

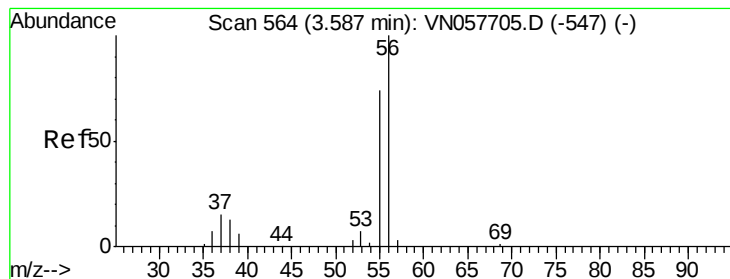


#12

1,1-Dichloroethene
 Concen: 157.161 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion: 96 Resp: 386690
 Ion Ratio Lower Upper
 96 100
 61 199.9 158.7 238.1
 98 63.8 53.8 80.8





#13

Acrolein

Concen: 730.607 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

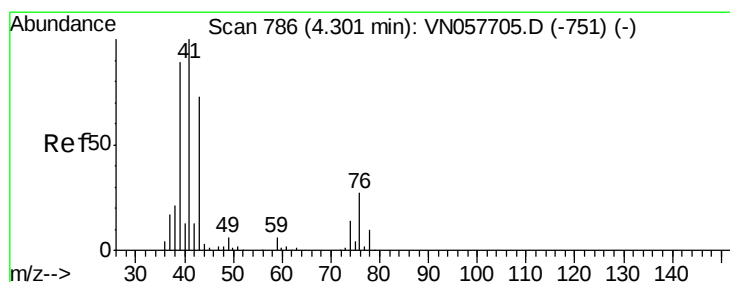
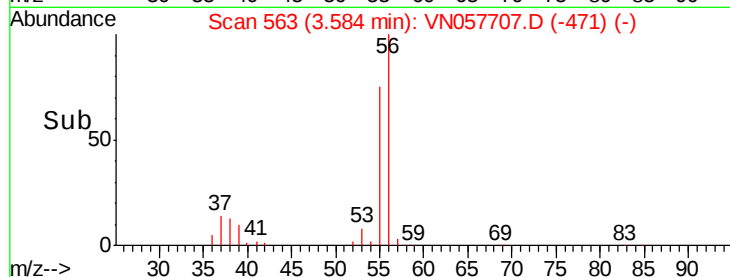
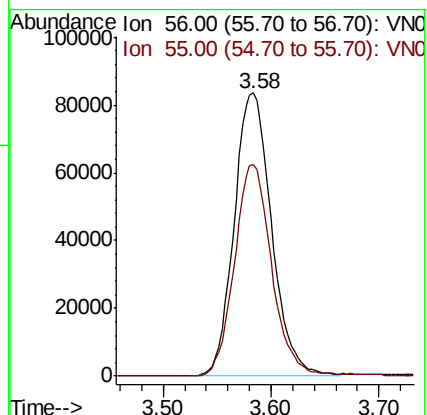
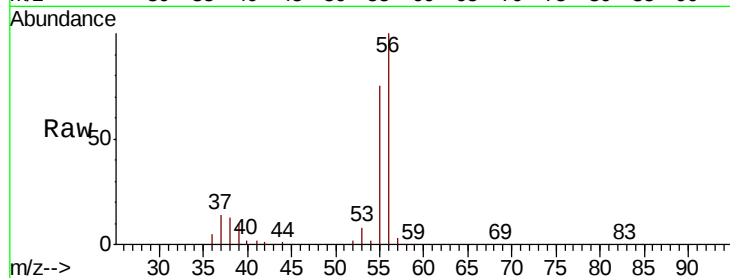
VSTDIC150

Tgt Ion: 56 Resp: 202179

Ion Ratio Lower Upper

56 100

55 74.1 55.4 83.0



#14

Allyl chloride

Concen: 162.143 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.01 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

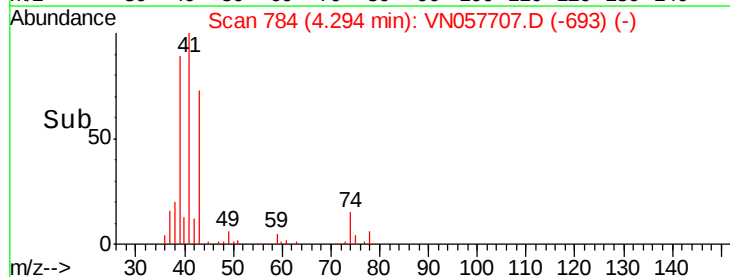
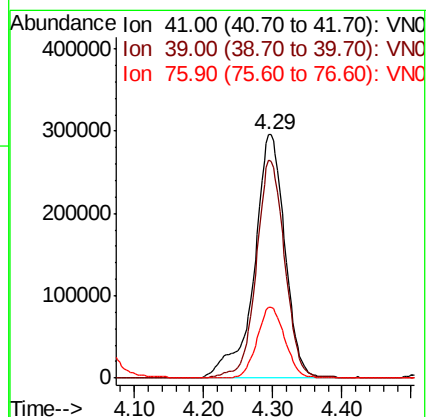
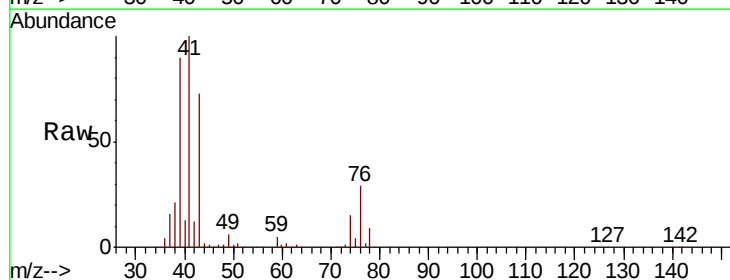
Tgt Ion: 41 Resp: 908679

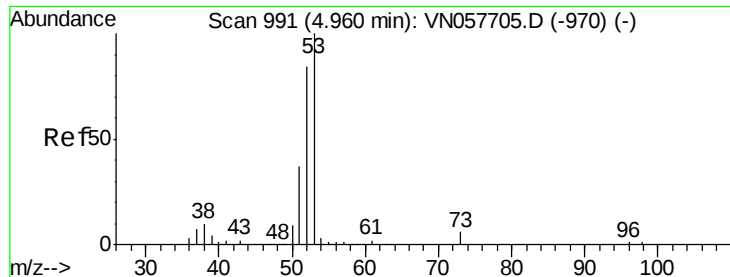
Ion Ratio Lower Upper

41 100

39 83.0 67.5 101.3

76 26.3 21.4 32.2





#15

Acrylonitrile

Concen: 839.225 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

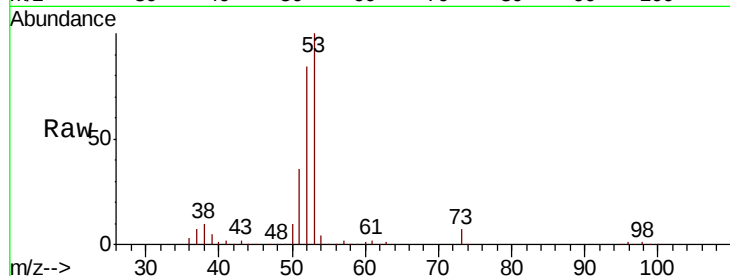
Tgt Ion: 53 Resp: 1141922

Ion Ratio Lower Upper

53 100

52 84.0 68.1 102.1

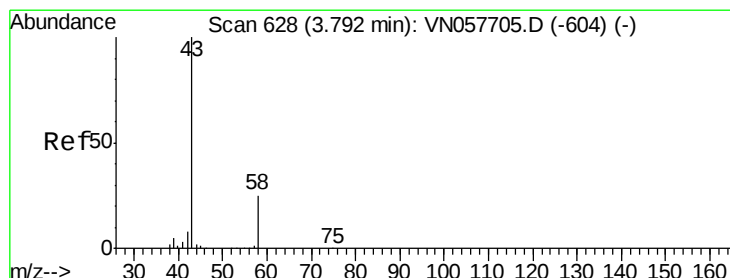
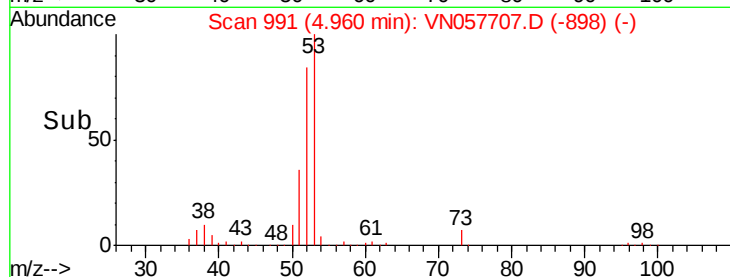
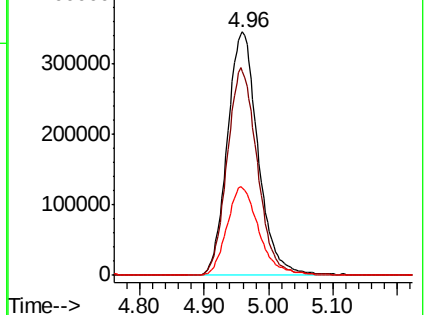
51 38.0 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 693.546 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN057707.D

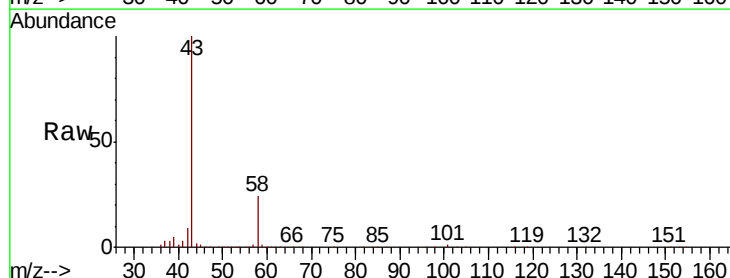
Acq: 5 Sep 2019 19:39

Tgt Ion: 43 Resp: 1131645

Ion Ratio Lower Upper

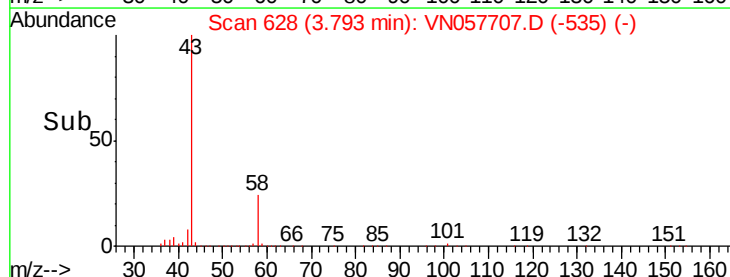
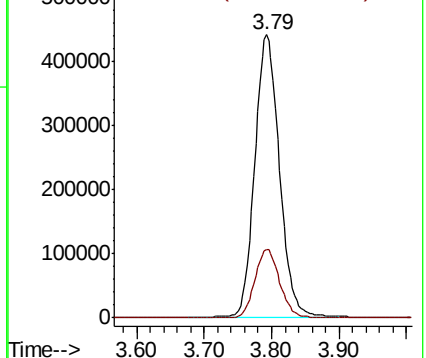
43 100

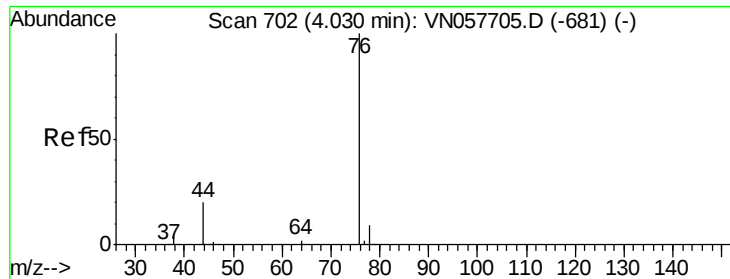
58 24.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

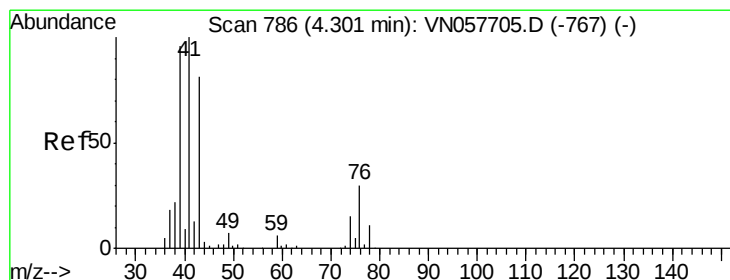
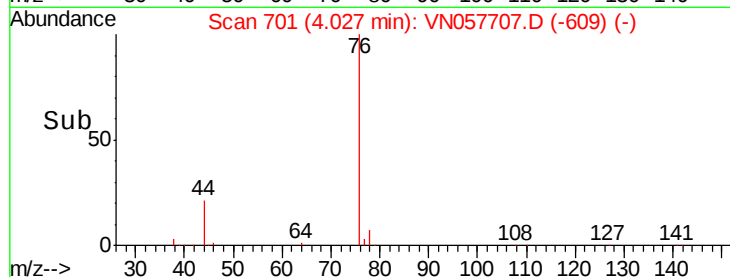
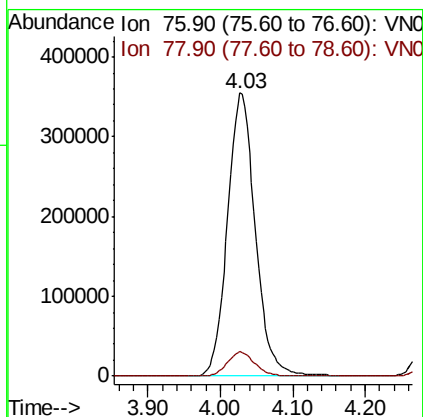
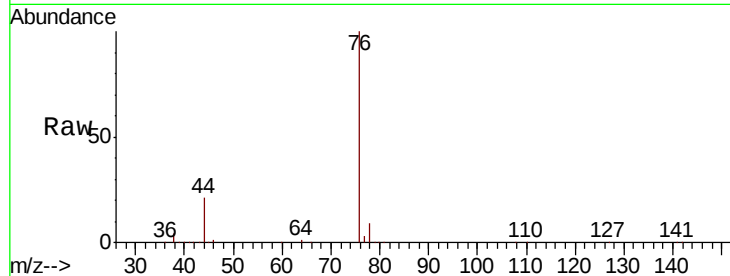




#17
Carbon Disulfide
Concen: 164.427 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

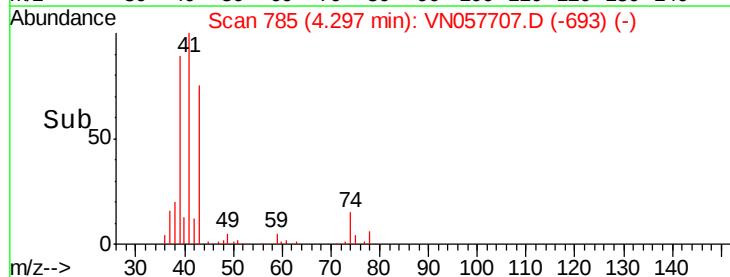
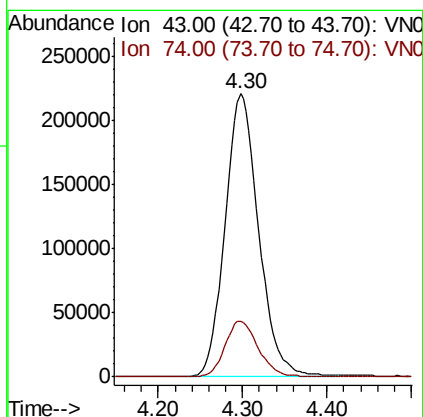
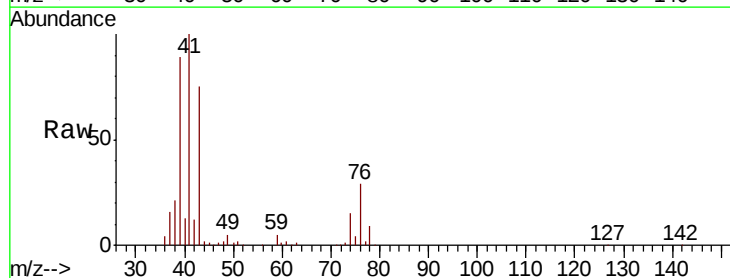
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

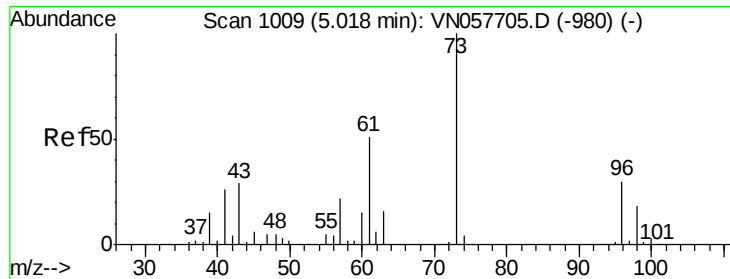
Tgt Ion: 76 Resp: 946768
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 141.889 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 43 Resp: 604451
Ion Ratio Lower Upper
43 100
74 19.9 15.3 22.9

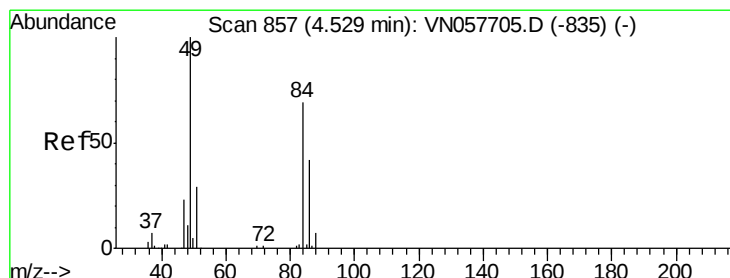
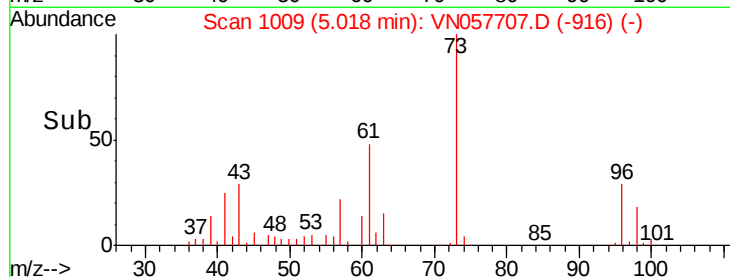
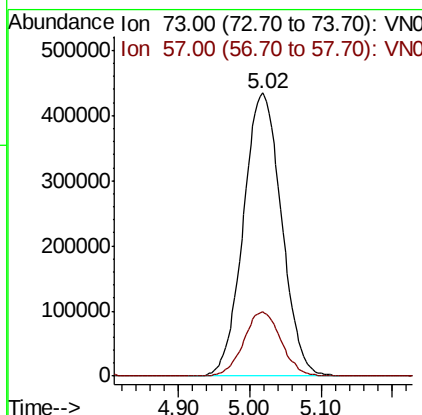
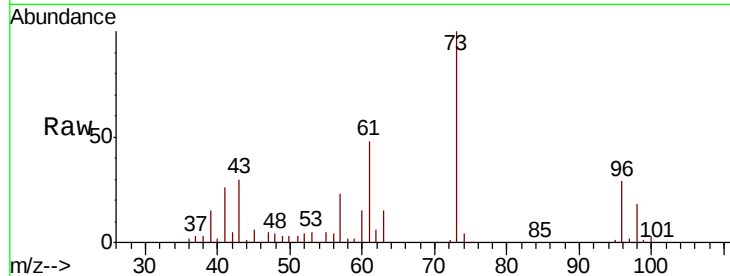




#19
Methyl tert-butyl Ether
Concen: 157.227 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

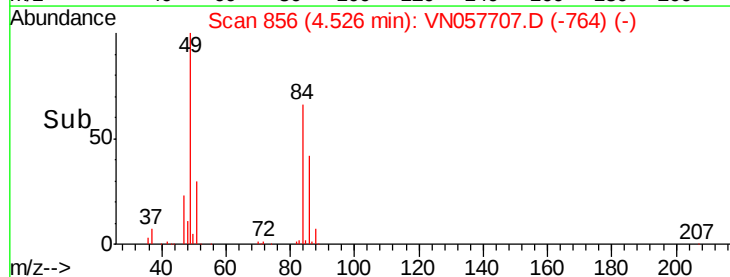
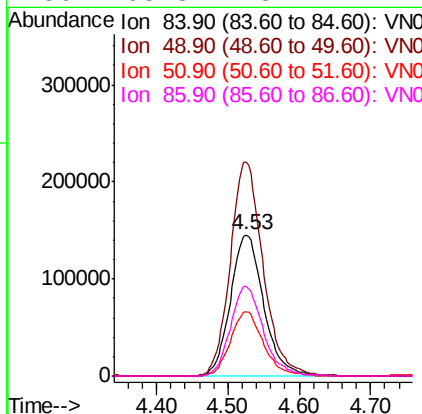
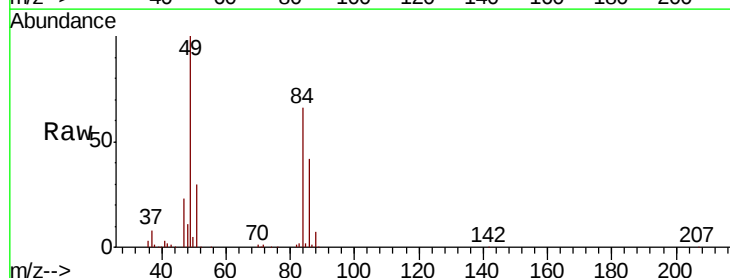
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

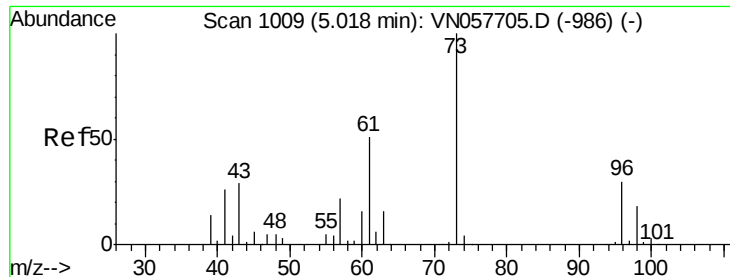
Tgt Ion: 73 Resp: 1615582
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 149.244 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 84 Resp: 470602
Ion Ratio Lower Upper
84 100
49 151.4 115.0 172.6
51 45.6 33.8 50.8
86 63.3 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 153.341 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

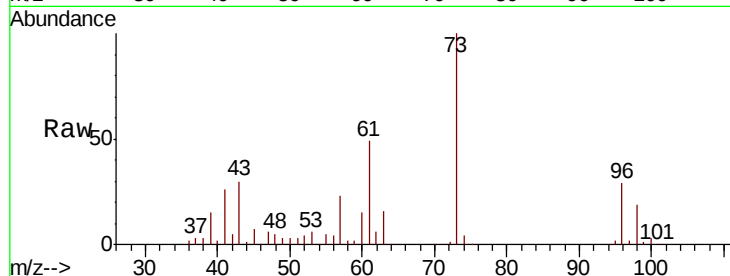
Tgt Ion: 96 Resp: 407728

Ion Ratio Lower Upper

96 100

61 166.7 135.8 203.8

98 65.1 49.0 73.6

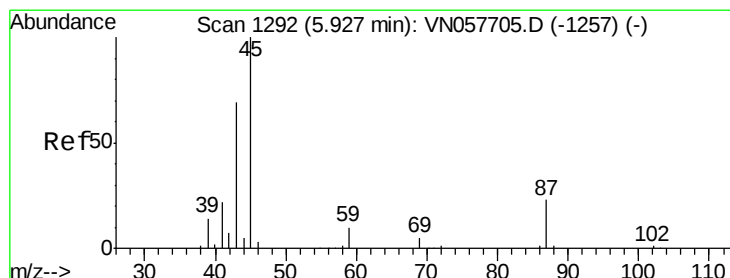
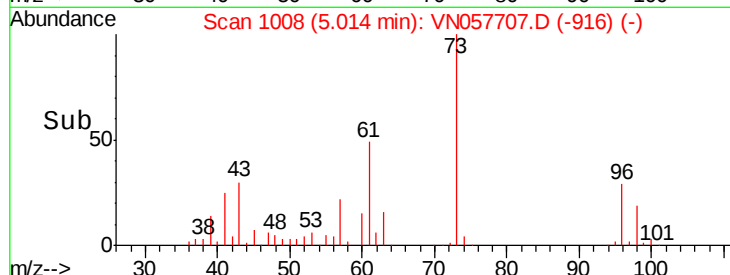
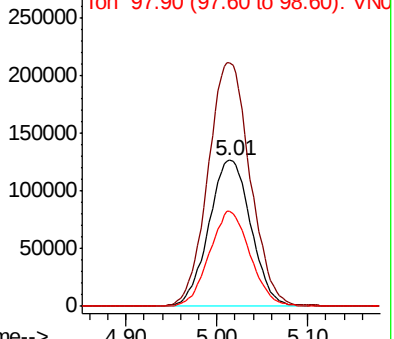


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 156.800 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Tgt Ion: 45 Resp: 1878161

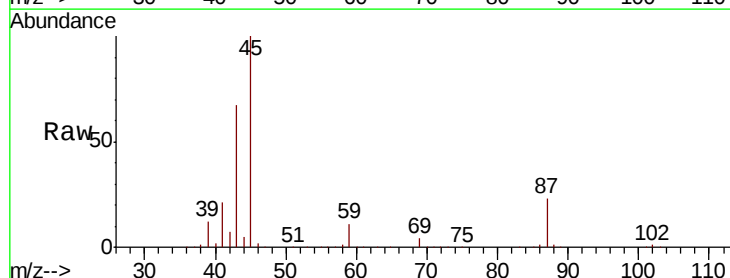
Ion Ratio Lower Upper

45 100

43 66.2 55.5 83.3

87 22.6 18.6 28.0

59 10.5 7.9 11.9



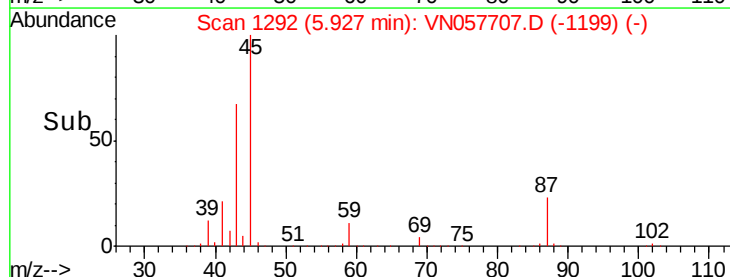
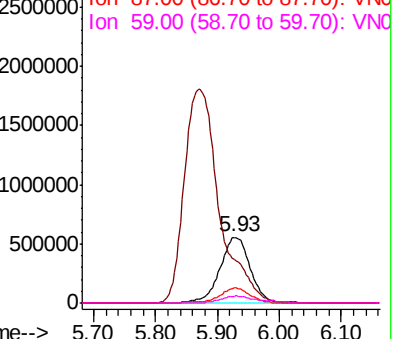
Abundance

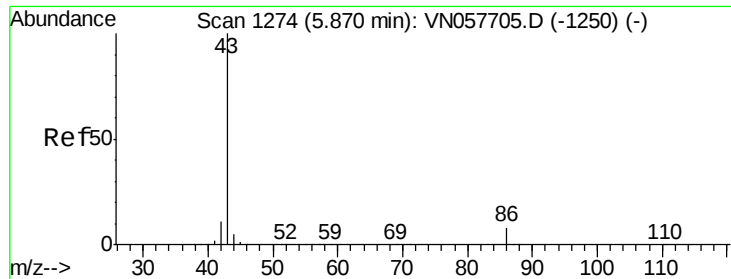
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 789.355 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

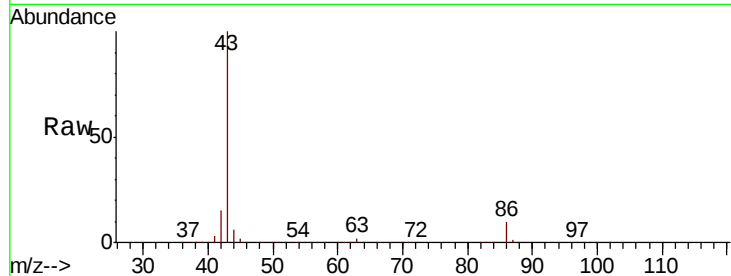
VSTDIC150

Tgt Ion: 43 Resp: 711525

Ion Ratio Lower Upper

43 100

86 10.1 6.2 9.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.87

2000000

1500000

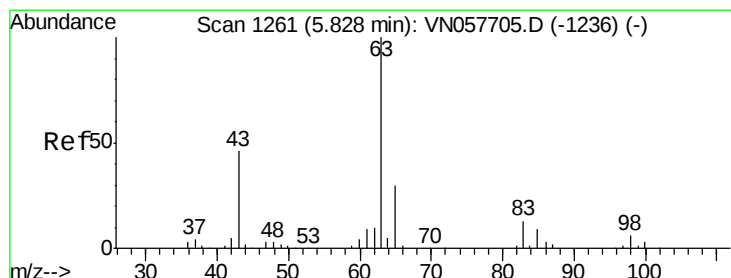
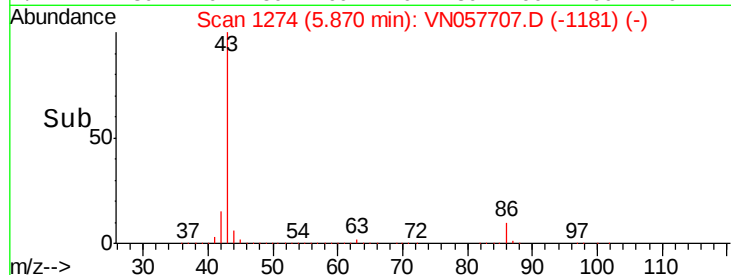
1000000

500000

0

Time-->

5.80 6.00



#24

1,1-Dichloroethane

Concen: 154.682 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

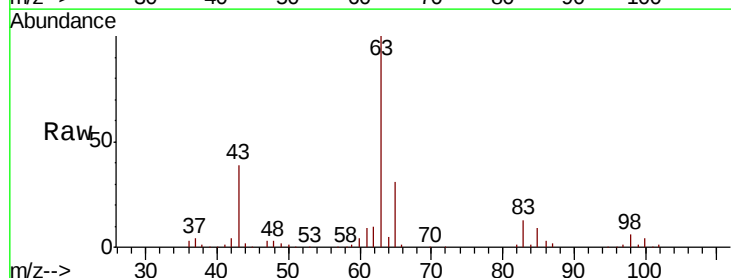
Tgt Ion: 63 Resp: 937073

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.6 1.7 5.0



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

5.82

400000

300000

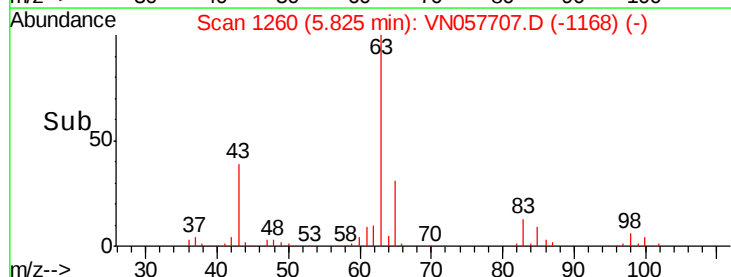
200000

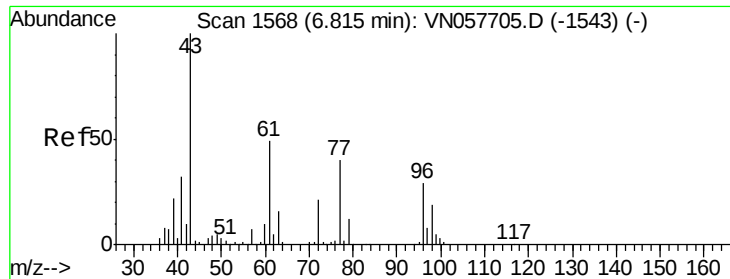
100000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 780.339 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

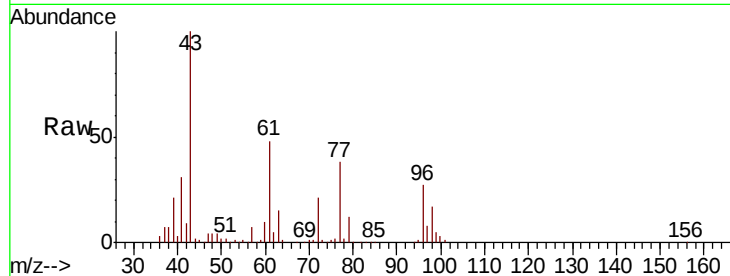
VSTDIC150

Tgt Ion: 43 Resp: 1682733

Ion Ratio Lower Upper

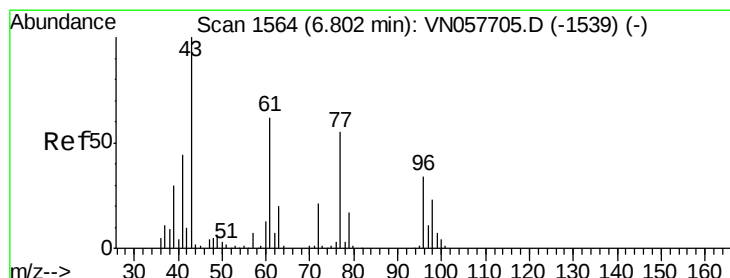
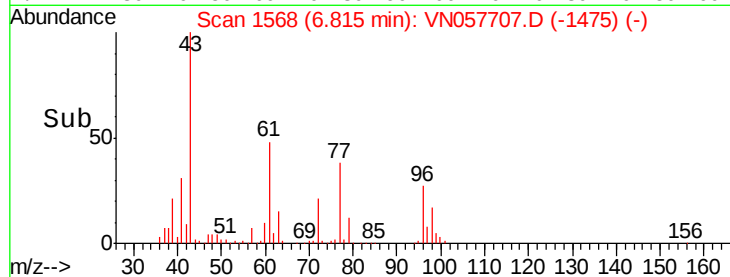
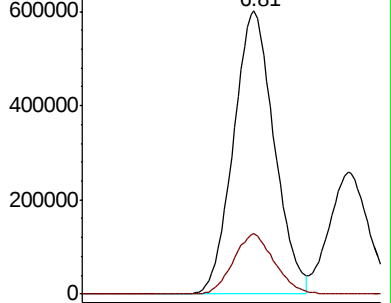
43 100

72 21.5 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VN057707.D (-1475) (-)

Ion 72.00 (71.70 to 72.70): VN057707.D (-1475) (-)



#26

2,2-Dichloropropane

Concen: 154.933 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN057707.D

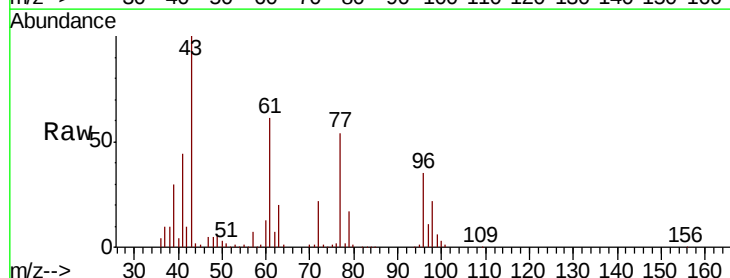
Acq: 5 Sep 2019 19:39

Tgt Ion: 77 Resp: 827327

Ion Ratio Lower Upper

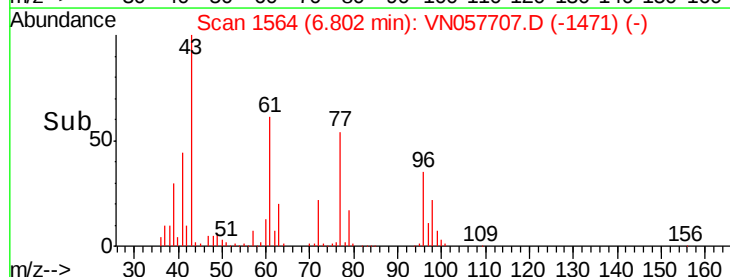
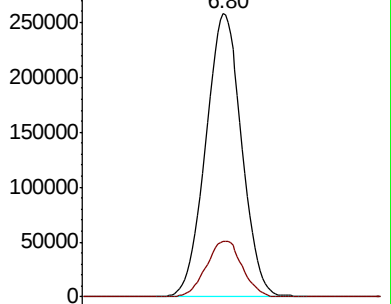
77 100

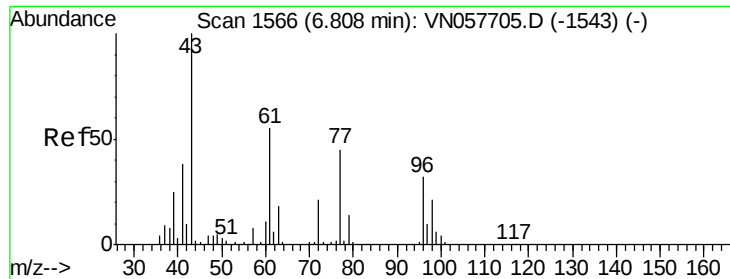
97 19.8 10.1 30.1



Abundance Ion 76.90 (76.60 to 77.60): VN057707.D (-1471) (-)

Ion 96.90 (96.60 to 97.60): VN057707.D (-1471) (-)

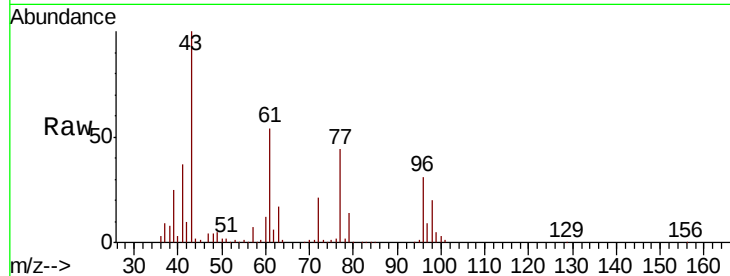




#27
 cis-1,2-Dichloroethene
 Concen: 156.891 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.6	0.0	360.6
98	64.7	0.0	130.6

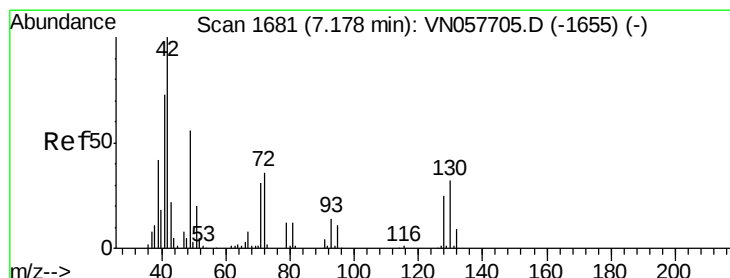
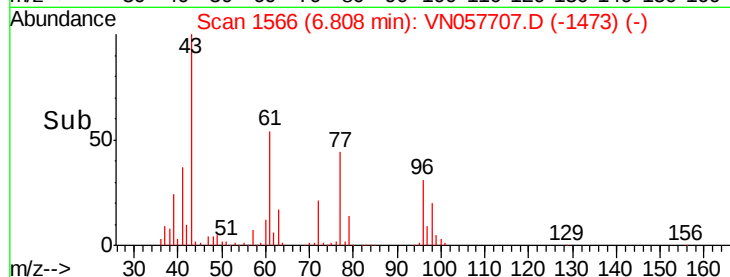
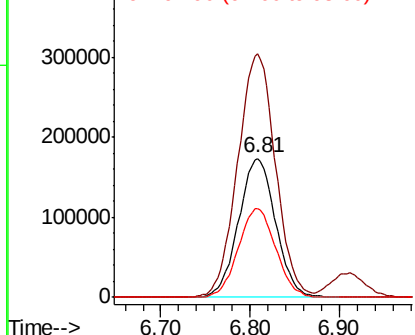


Abundance

Ion 95.90 (95.60 to 96.60): VN0

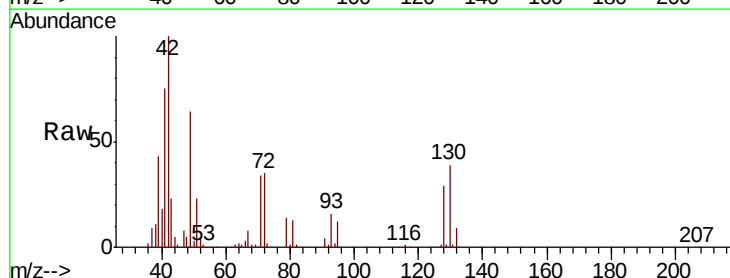
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28
 Bromochloromethane
 Concen: 155.093 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.4
130	59.0	45.8	68.8

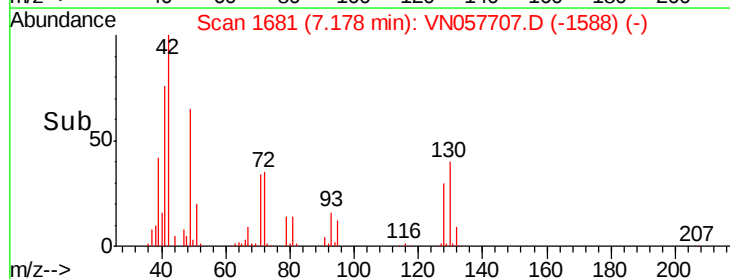
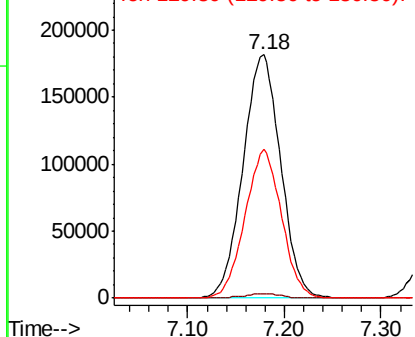


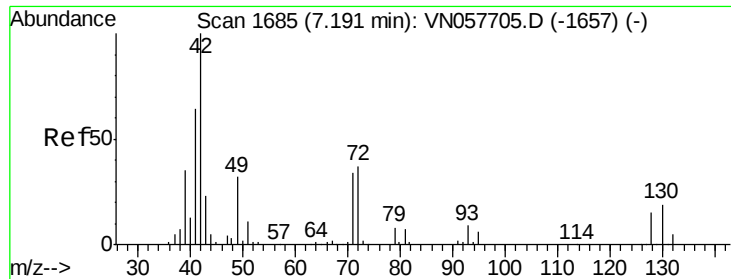
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 805.042 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

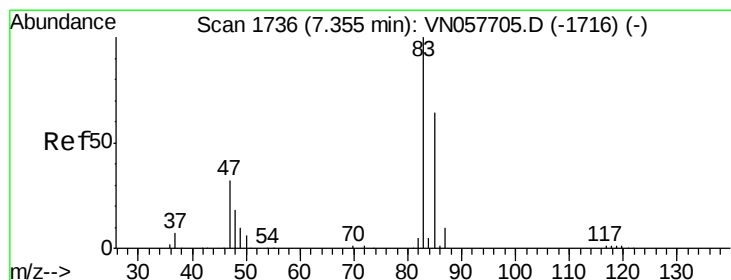
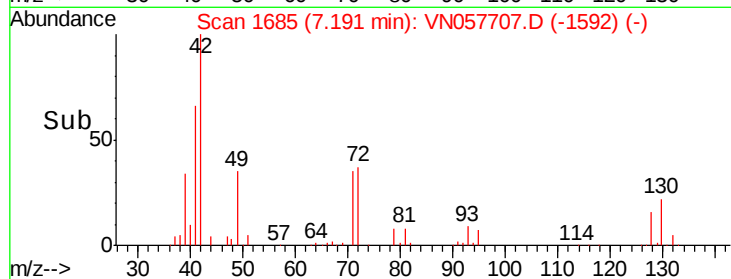
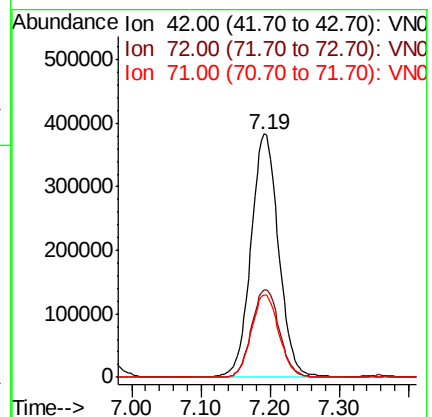
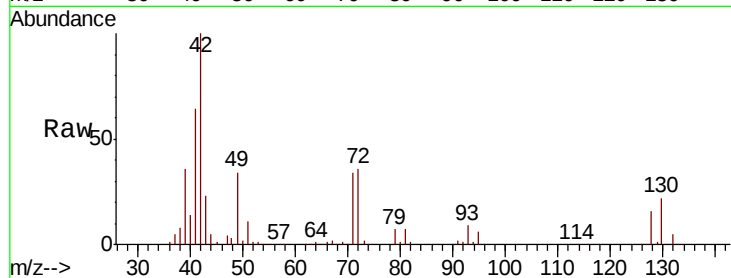
Tgt Ion: 42 Resp: 1058246

Ion Ratio Lower Upper

42 100

72 36.3 29.2 43.8

71 34.0 27.0 40.4



#30

Chloroform

Concen: 152.838 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057707.D

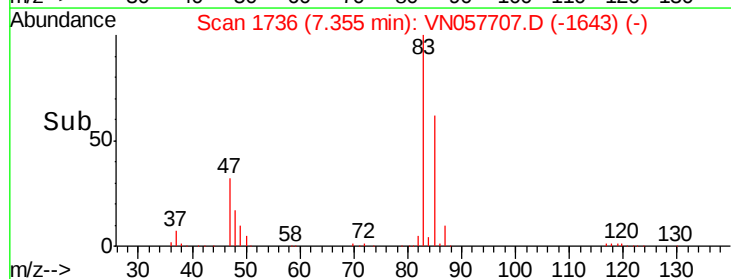
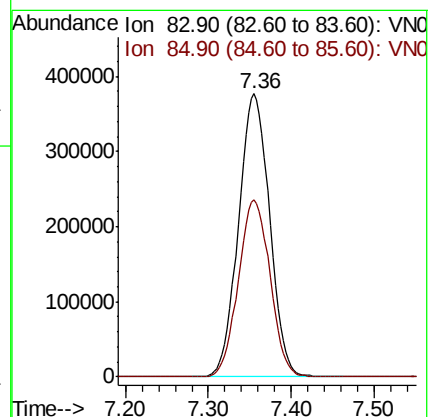
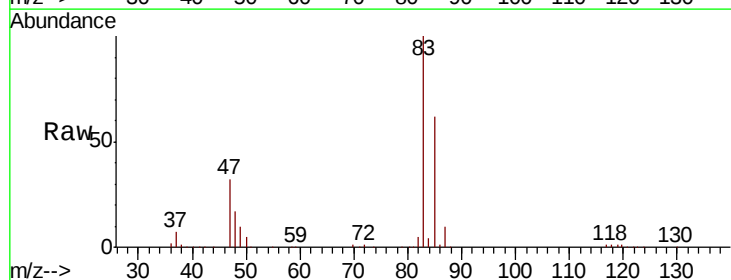
Acq: 5 Sep 2019 19:39

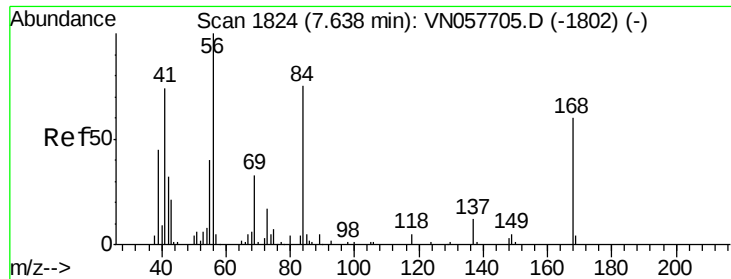
Tgt Ion: 83 Resp: 983434

Ion Ratio Lower Upper

83 100

85 62.4 51.3 76.9

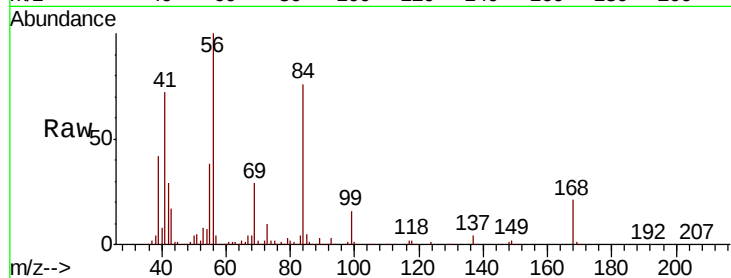




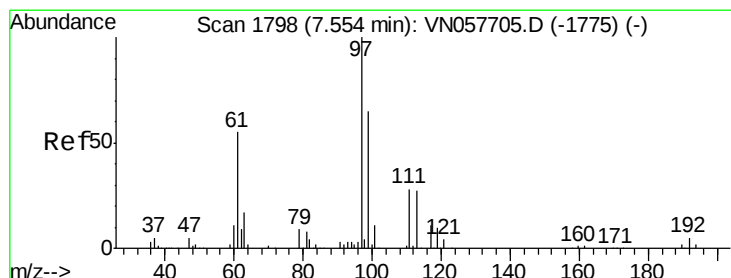
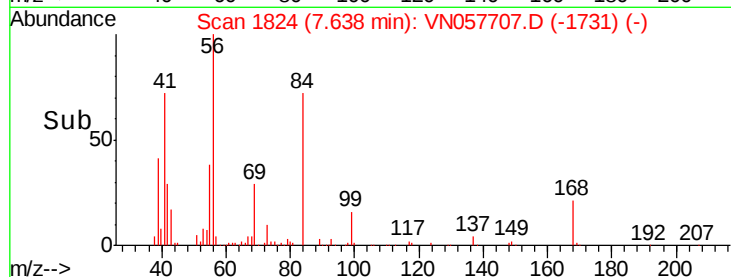
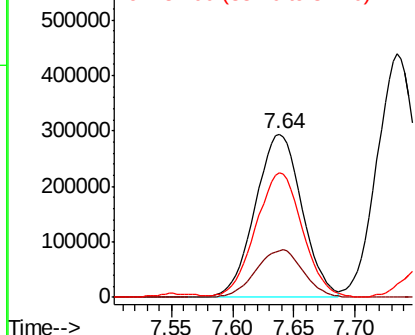
#31
Cyclohexane
Concen: 147.213 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 784856
Ion Ratio Lower Upper
56 100
69 28.8 26.2 39.2
84 74.4 59.8 89.8

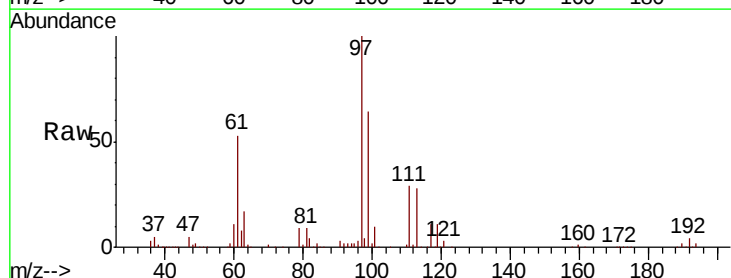


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

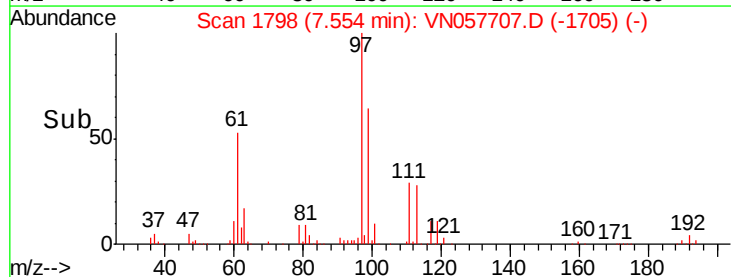
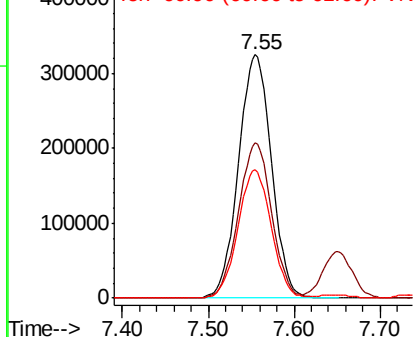


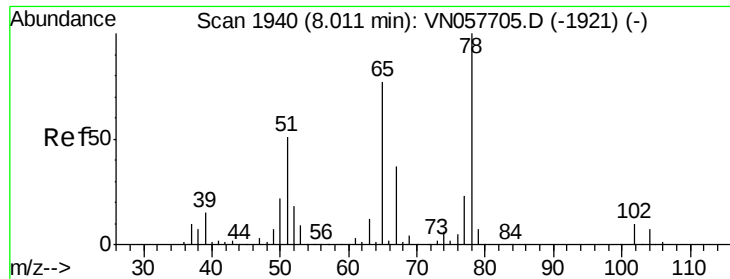
#32
1,1,1-Trichloroethane
Concen: 162.381 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 97 Resp: 866929
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 53.2 42.8 64.2



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

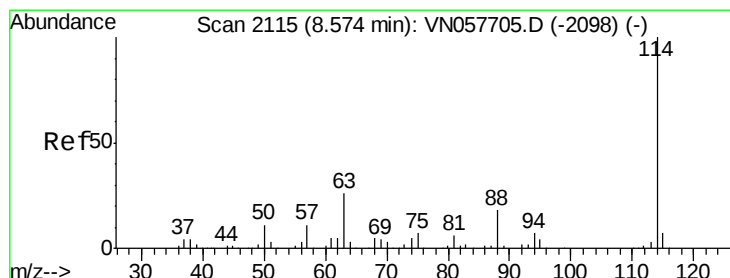
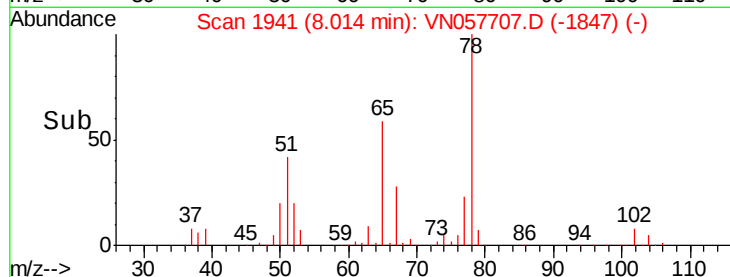
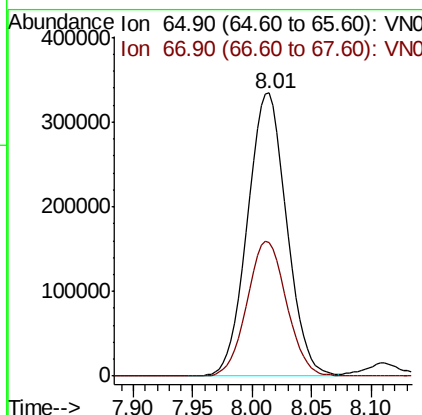
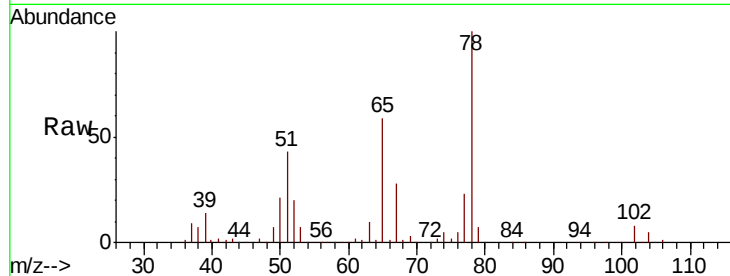




#33
 1,2-Dichloroethane-d4
 Concen: 161.645 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

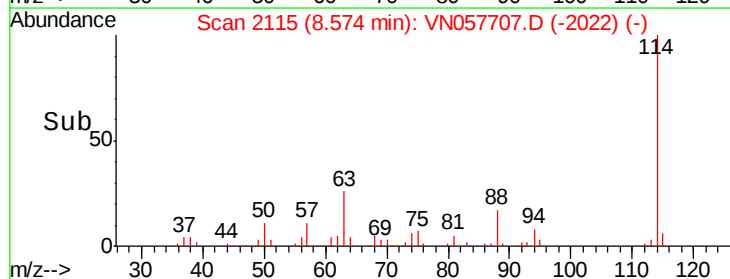
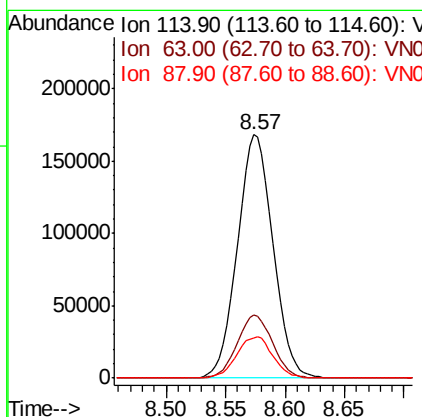
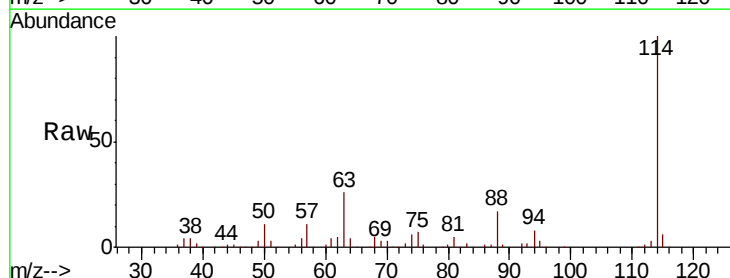
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

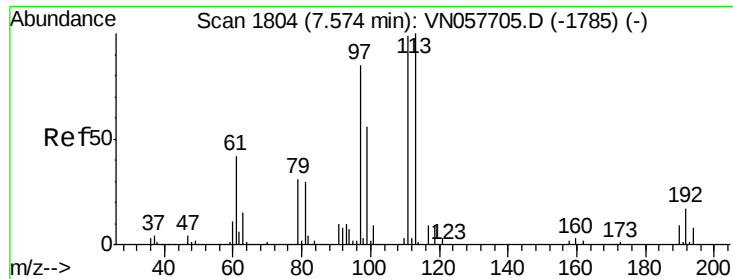
Tgt Ion: 65 Resp: 763608
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion: 114 Resp: 348329
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 52.4
 88 16.7 0.0 35.4

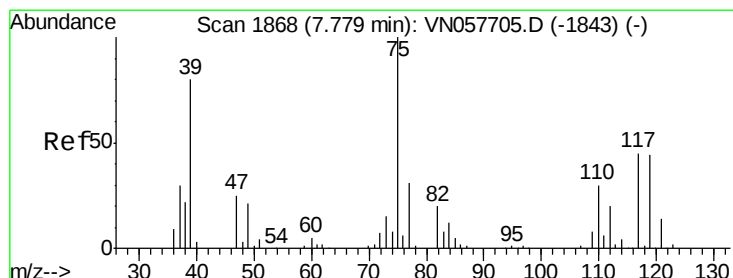
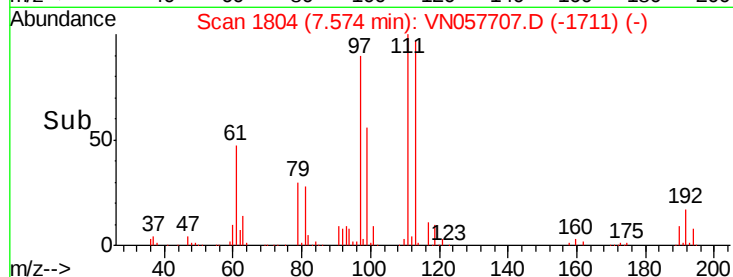
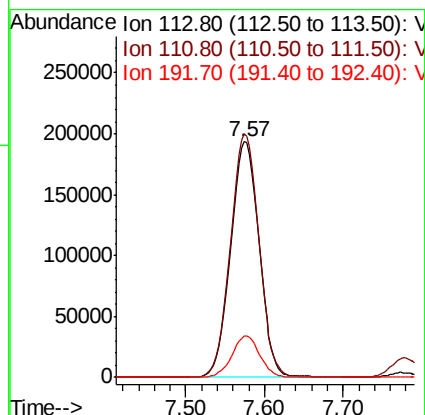
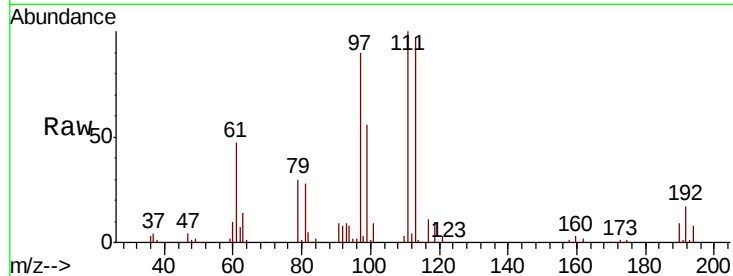




#35
 Dibromofluoromethane
 Concen: 154.269 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

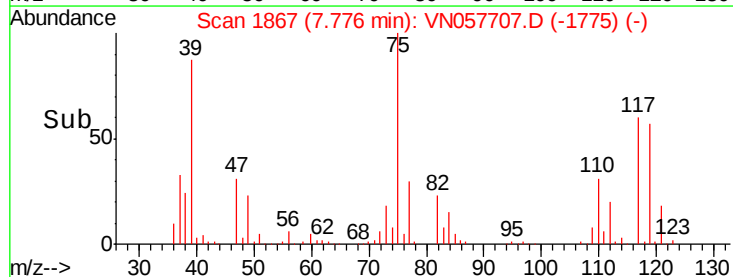
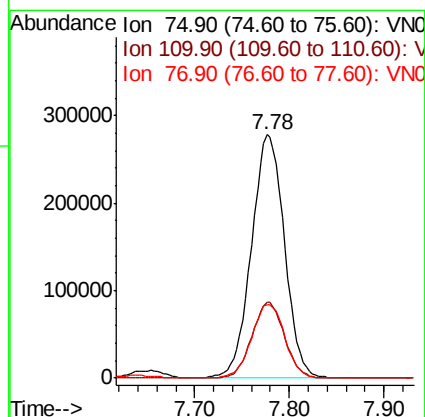
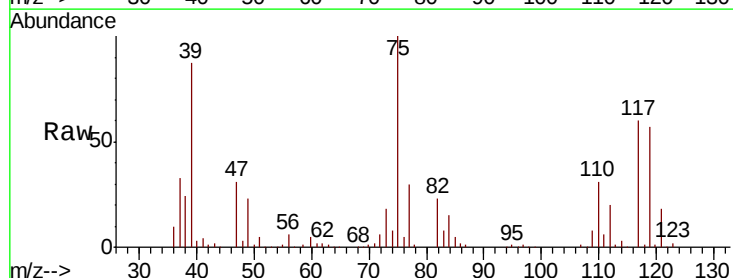
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

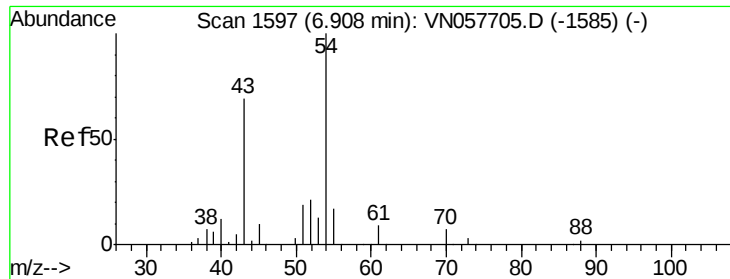
Tgt Ion: 113 Resp: 486397
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 17.3 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 153.628 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion: 75 Resp: 671372
 Ion Ratio Lower Upper
 75 100
 110 30.8 15.0 45.0
 77 30.9 24.6 37.0

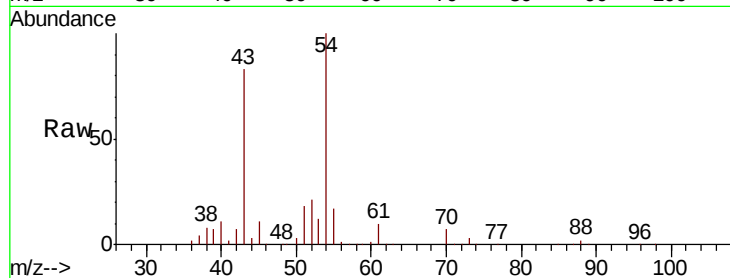




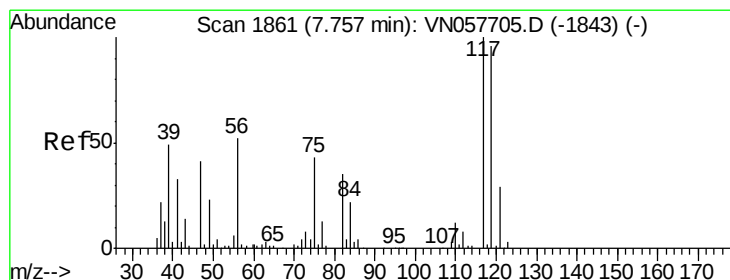
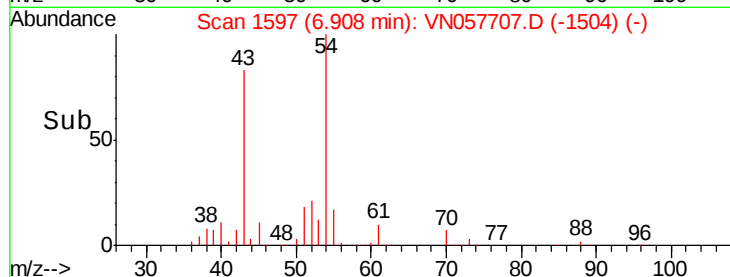
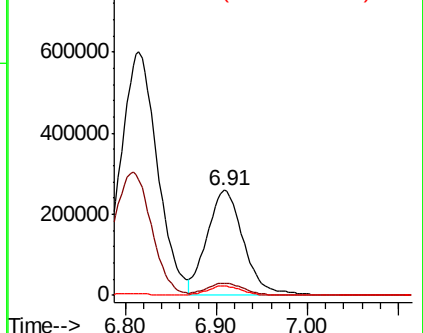
#37
Ethyl Acetate
Concen: 160.713 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 716289
Ion Ratio Lower Upper
43 100
61 11.8 9.8 14.8
70 8.5 6.7 10.1

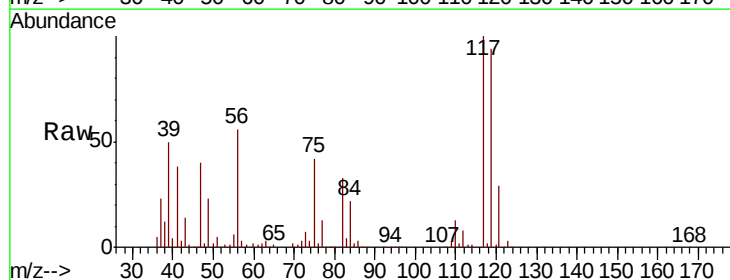


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

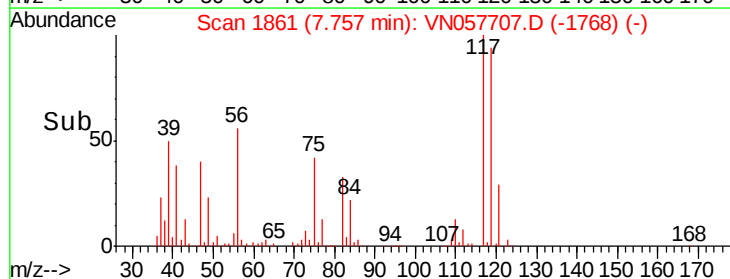
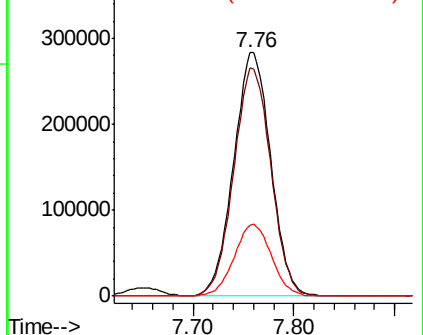


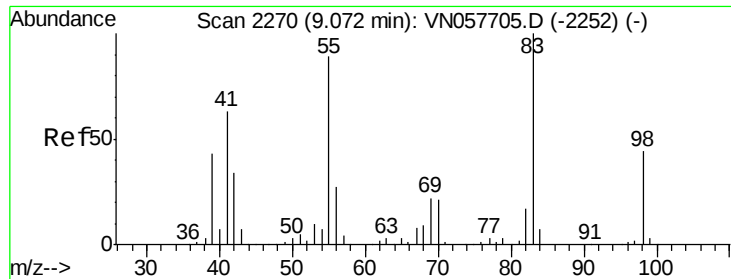
#38
Carbon Tetrachloride
Concen: 161.792 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 117 Resp: 721259
Ion Ratio Lower Upper
117 100
119 93.8 76.1 114.1
121 29.1 23.4 35.2



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

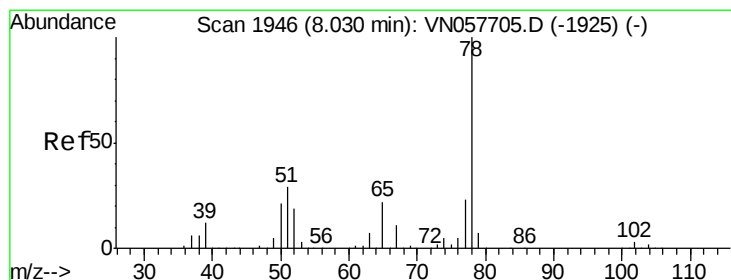
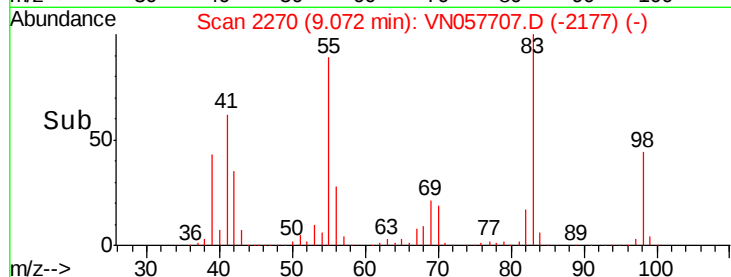
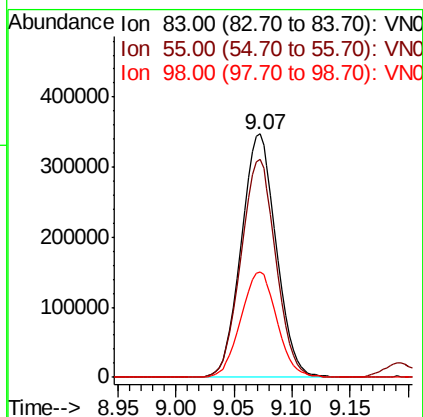
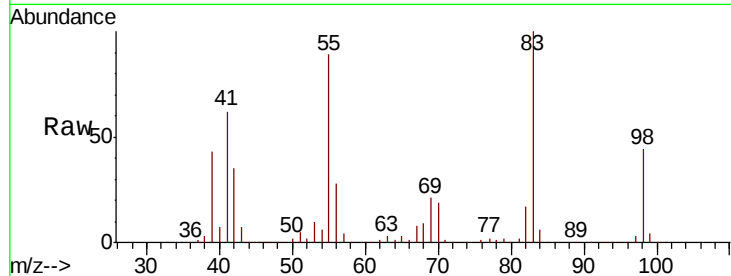




#39
Methylcyclohexane
Concen: 150.580 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

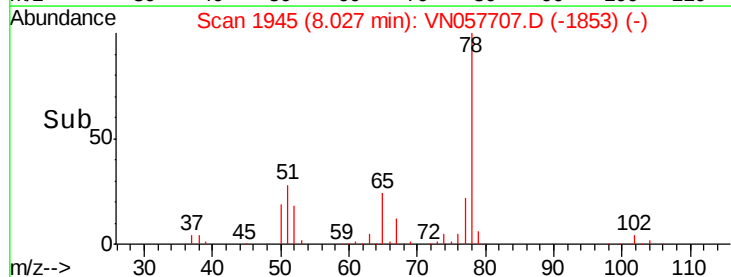
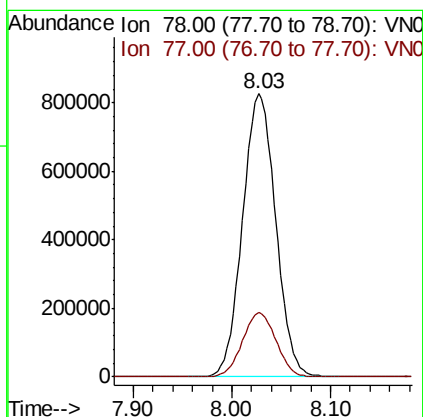
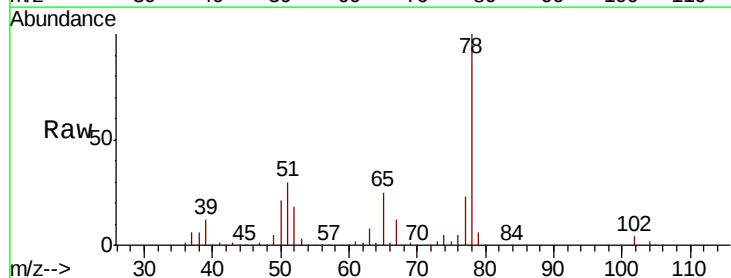
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

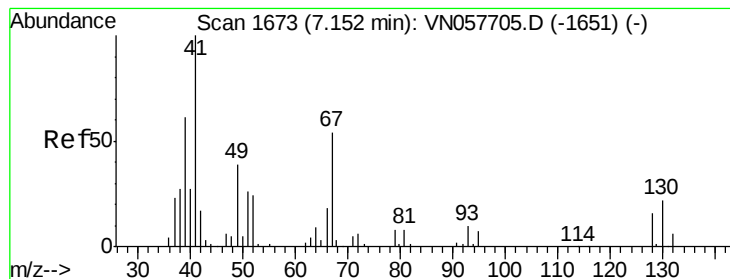
Tgt Ion: 83 Resp: 730630
Ion Ratio Lower Upper
83 100
55 89.5 71.4 107.0
98 43.5 35.3 52.9



#40
Benzene
Concen: 150.923 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 78 Resp: 1918489
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0





#41

Methacrylonitrile

Concen: 577.974 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.04 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 1074731

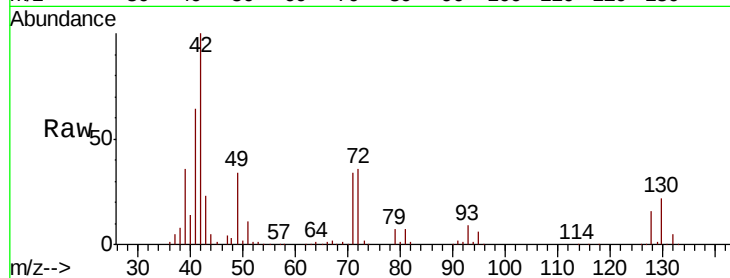
Ion Ratio Lower Upper

41 100

39 57.9 43.6 65.4

67 0.0 59.8 89.6#

52 0.0 30.7 46.1#

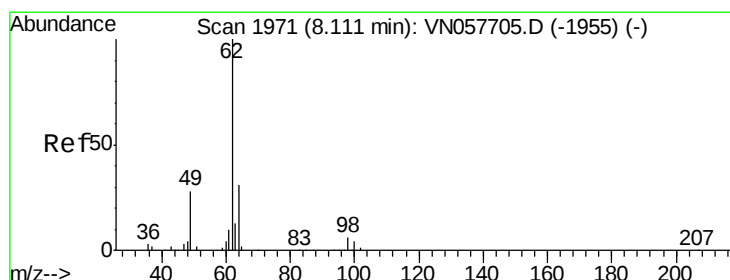
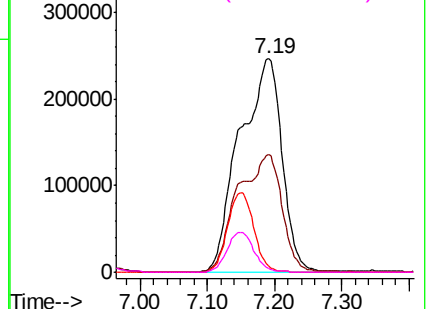
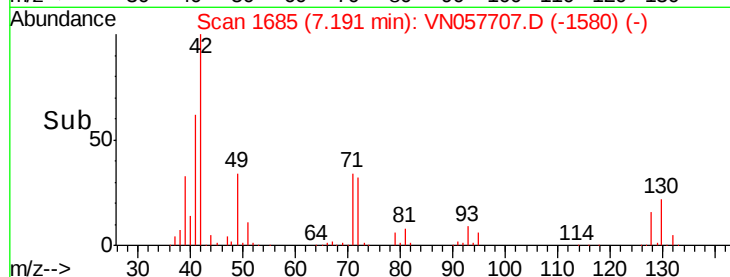


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 152.258 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN057707.D

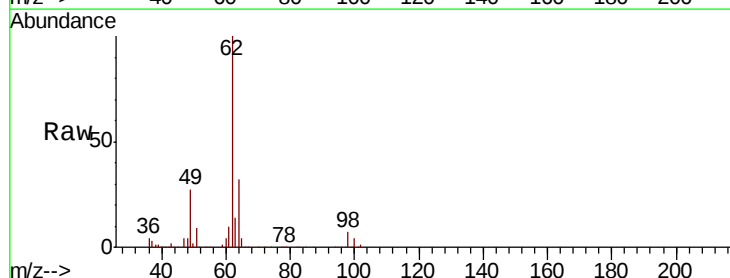
Acq: 5 Sep 2019 19:39

Tgt Ion: 62 Resp: 890543

Ion Ratio Lower Upper

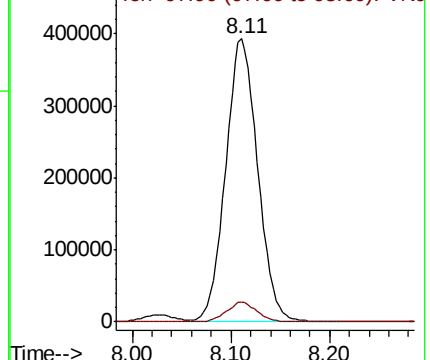
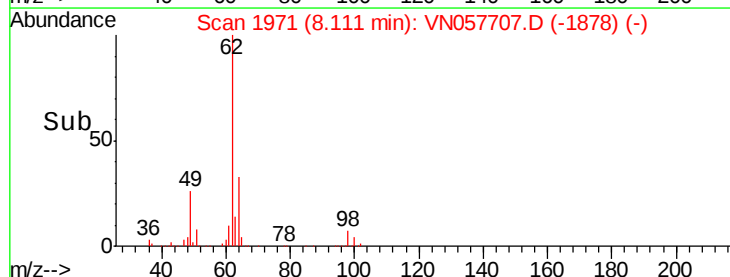
62 100

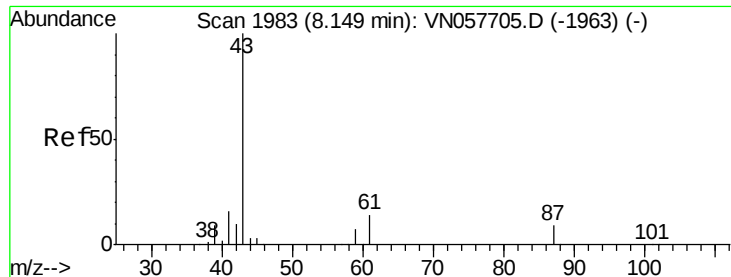
98 6.7 0.0 12.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

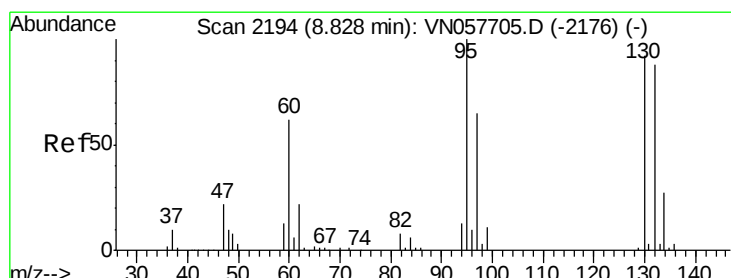
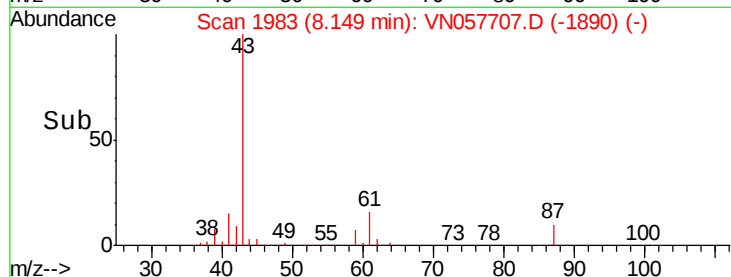
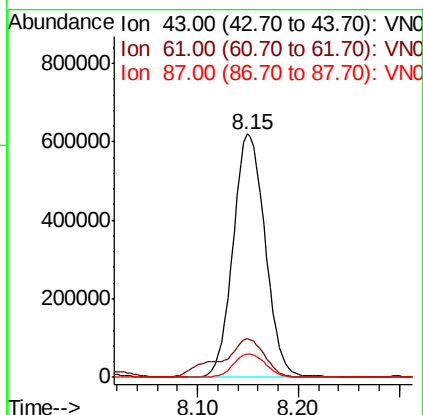
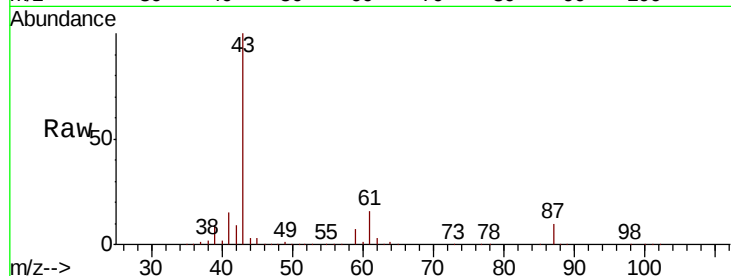




#43
Isopropyl Acetate
Concen: 166.921 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

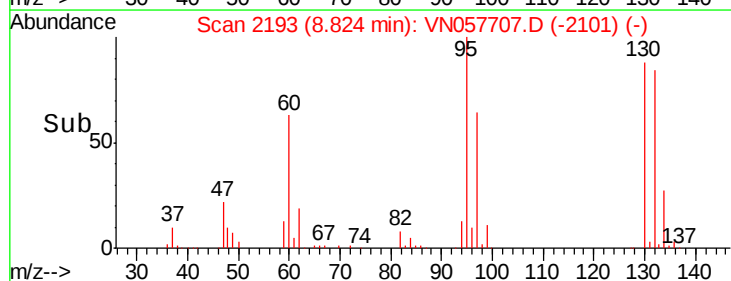
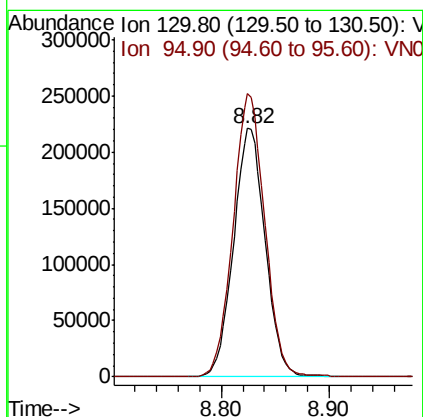
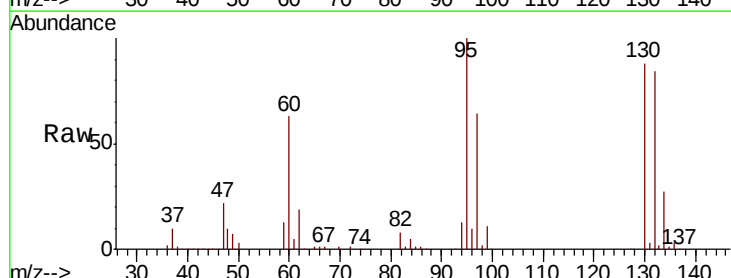
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

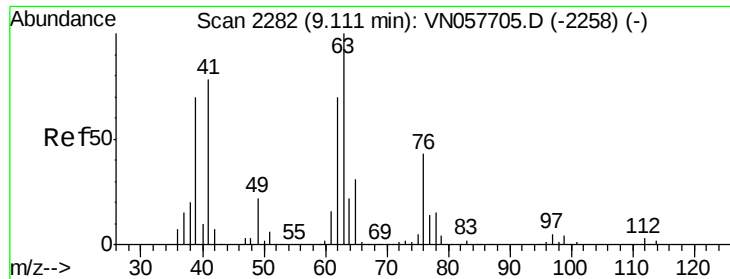
Tgt Ion: 43 Resp: 1366726
Ion Ratio Lower Upper
43 100
61 15.4 12.8 19.2
87 9.8 7.8 11.8



#44
Trichloroethene
Concen: 148.778 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 130 Resp: 452696
Ion Ratio Lower Upper
130 100
95 114.0 0.0 217.8

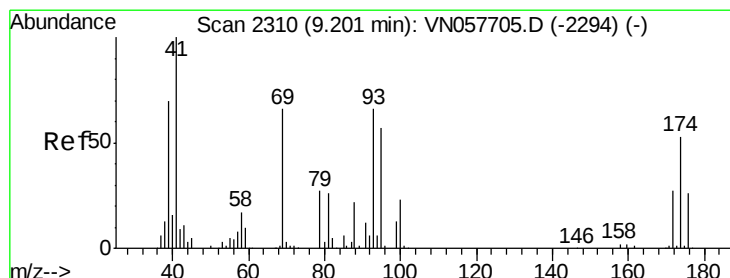
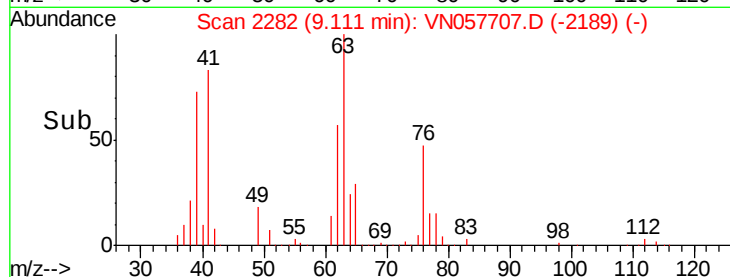
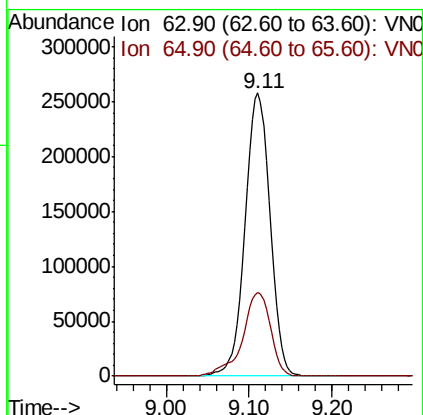
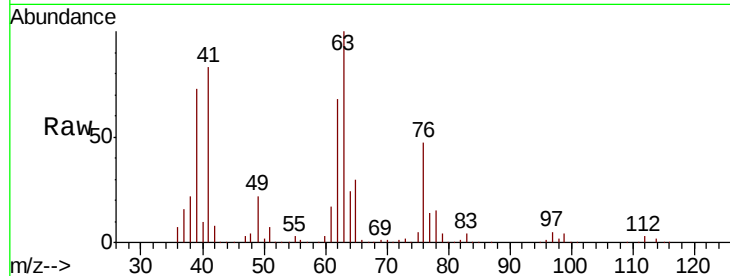




#45
 1,2-Dichloropropane
 Concen: 152.040 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

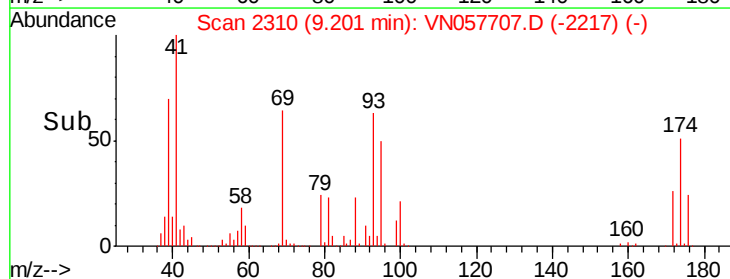
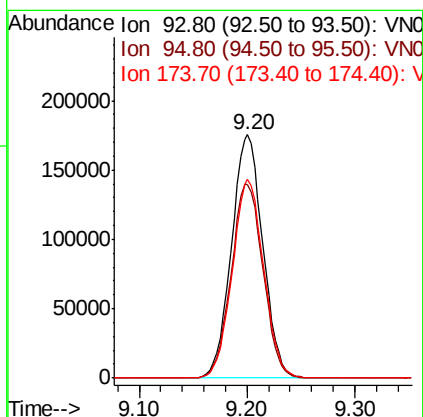
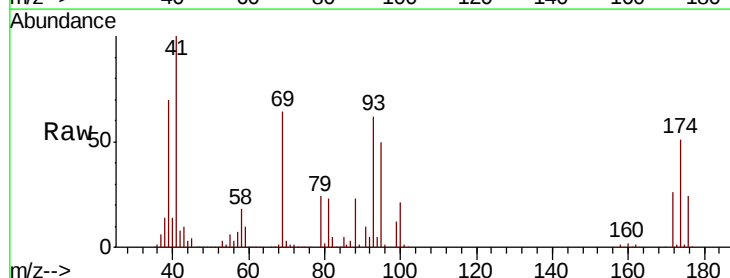
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

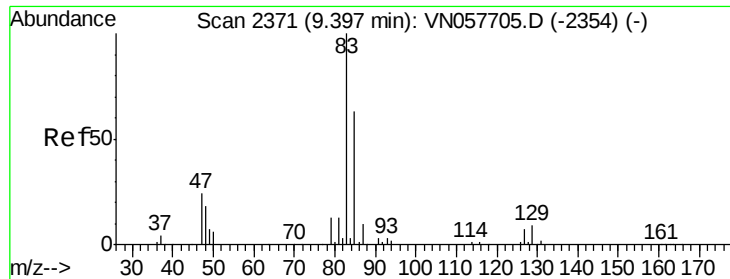
Tgt Ion: 63 Resp: 539847
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.5 36.7



#46
 Dibromomethane
 Concen: 153.471 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion: 93 Resp: 354931
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.1 99.1
 174 81.9 63.4 95.2

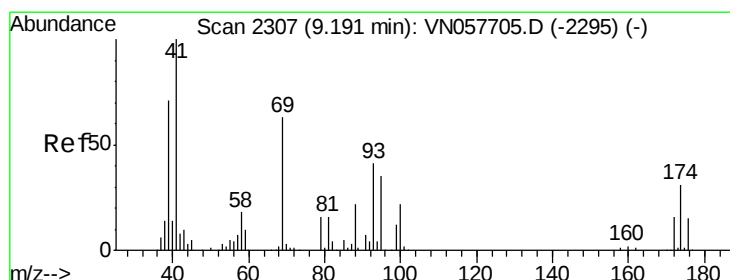
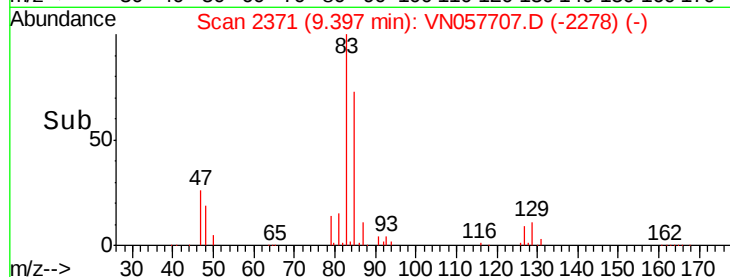
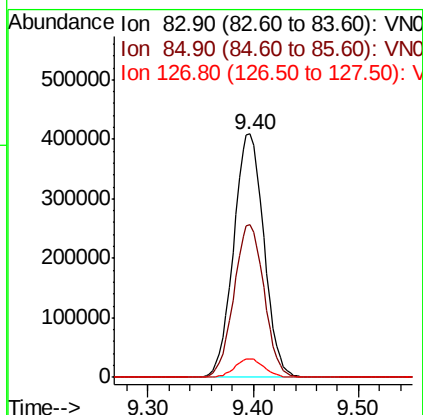
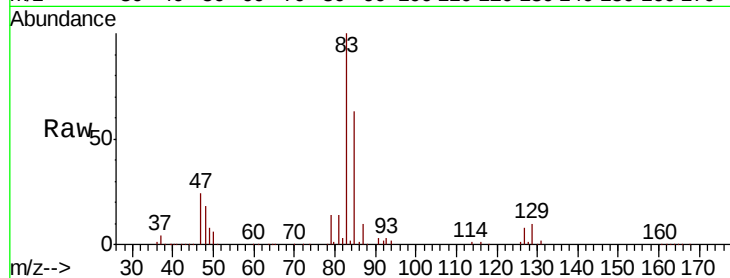




#47
Bromodichloromethane
Concen: 169.717 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

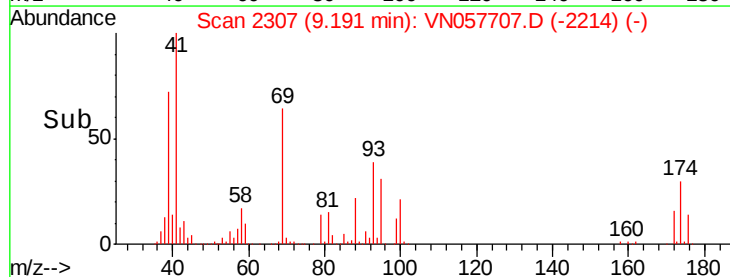
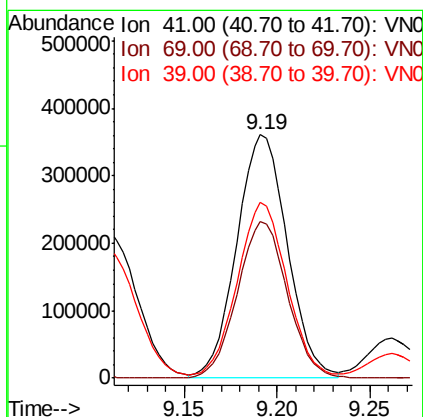
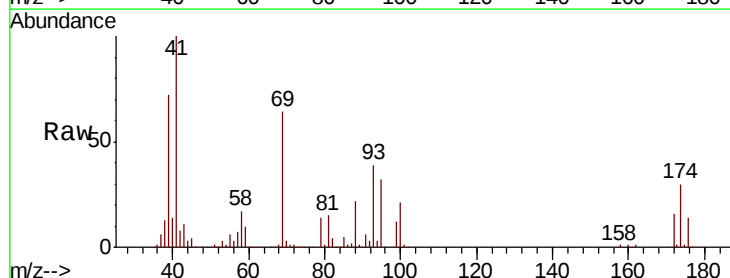
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

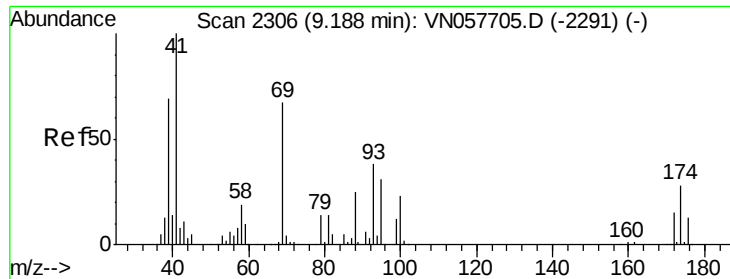
Tgt Ion: 83 Resp: 812031
Ion Ratio Lower Upper
83 100
85 62.6 50.7 76.1
127 7.8 5.6 8.4



#48
Methyl methacrylate
Concen: 173.066 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 41 Resp: 684145
Ion Ratio Lower Upper
41 100
69 63.8 51.2 76.8
39 71.4 57.3 85.9

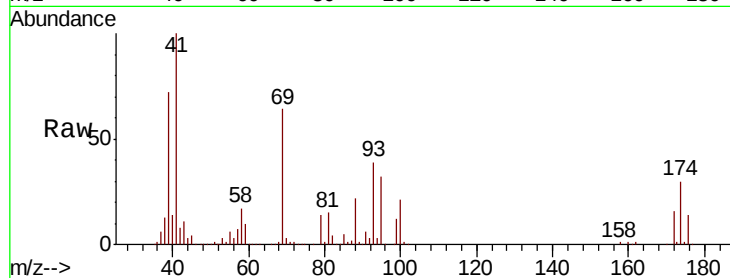




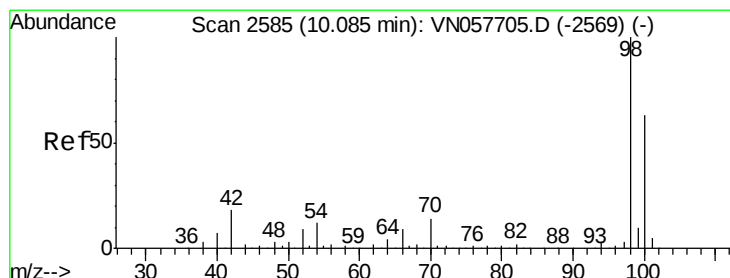
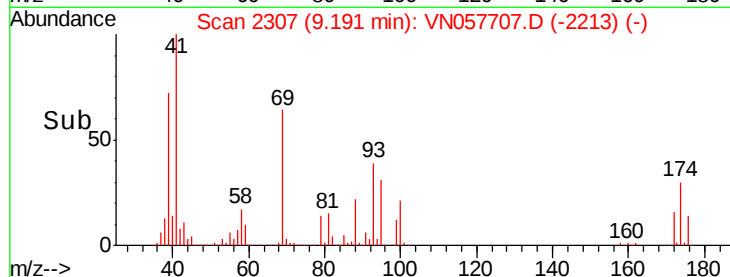
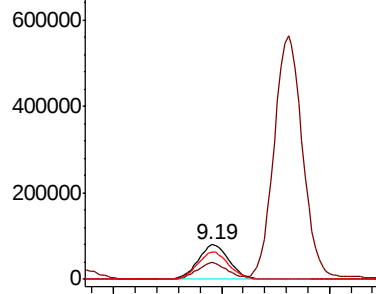
#49
1,4-Dioxane
Concen: 2889.561 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 161732
Ion Ratio Lower Upper
88 100
43 46.8 35.4 53.2
58 78.8 61.5 92.3

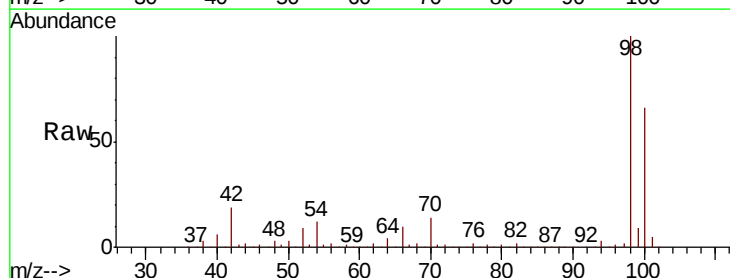


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

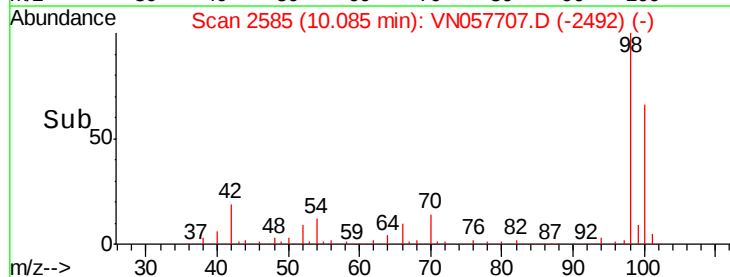
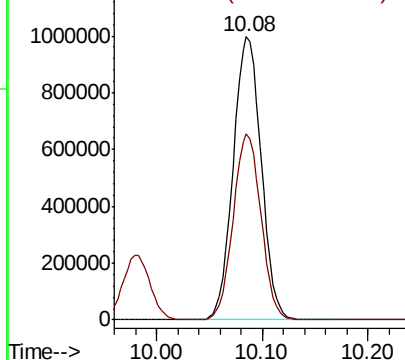


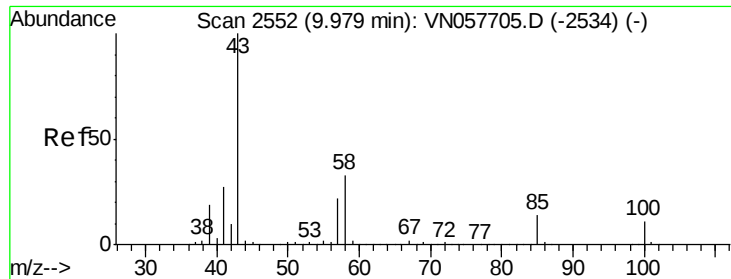
#50
Toluene-d8
Concen: 156.121 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 98 Resp: 1832172
Ion Ratio Lower Upper
98 100
100 65.1 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 755.942 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

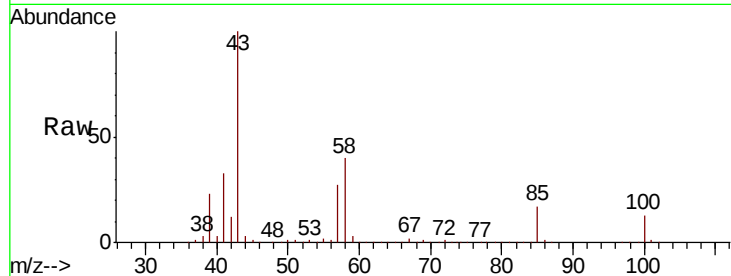
VSTDIC150

Tgt Ion: 43 Resp: 3415842

Ion Ratio Lower Upper

43 100

58 36.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN057707.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057707.D (-2534) (-)

2000000

1500000

1000000

500000

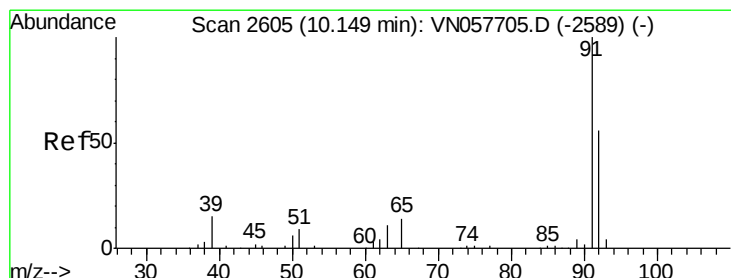
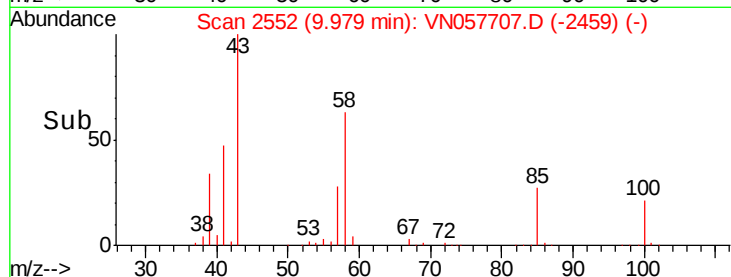
0

9.90

9.98

10.00

Time-->



#52

Toluene

Concen: 152.179 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057707.D

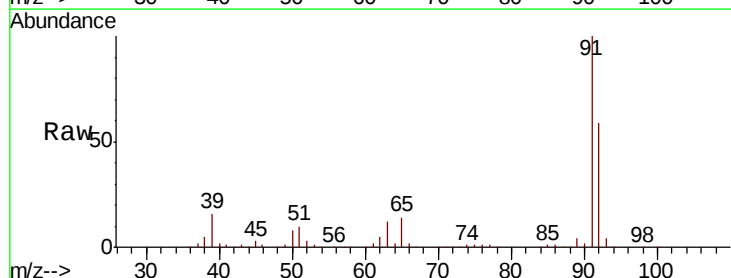
Acq: 5 Sep 2019 19:39

Tgt Ion: 92 Resp: 1198195

Ion Ratio Lower Upper

92 100

91 172.3 141.5 212.3



Abundance Ion 92.00 (91.70 to 92.70): VN057707.D (-2512) (-)

Ion 91.00 (90.70 to 91.70): VN057707.D (-2512) (-)

1200000

1000000

800000

600000

400000

200000

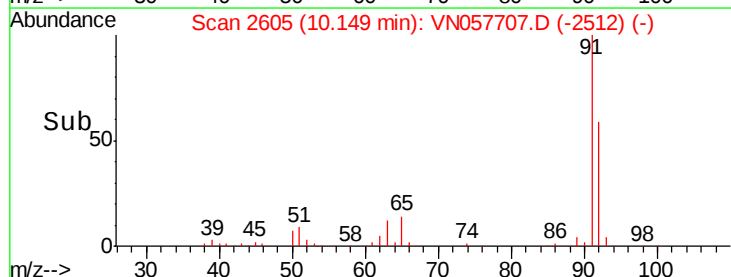
0

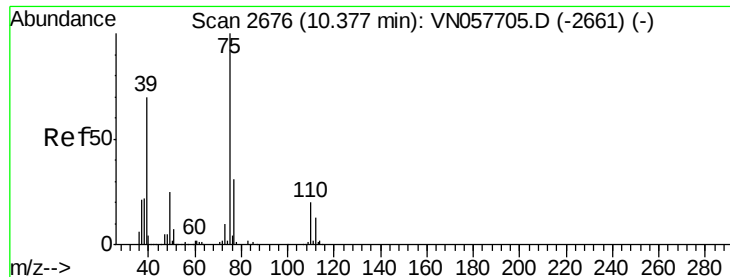
10.10

10.15

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 175.292 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

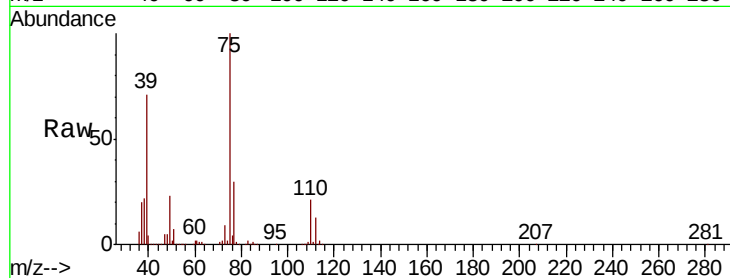
VSTDIC150

Tgt Ion: 75 Resp: 857562

Ion Ratio Lower Upper

75 100

77 29.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

500000

400000

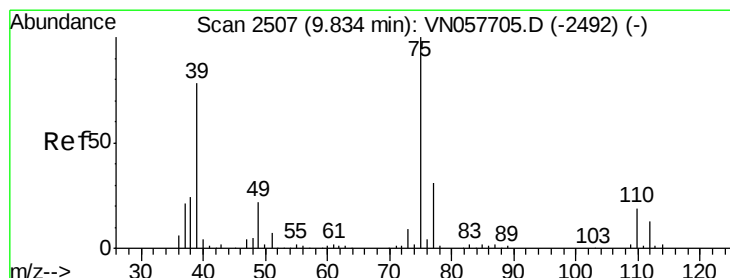
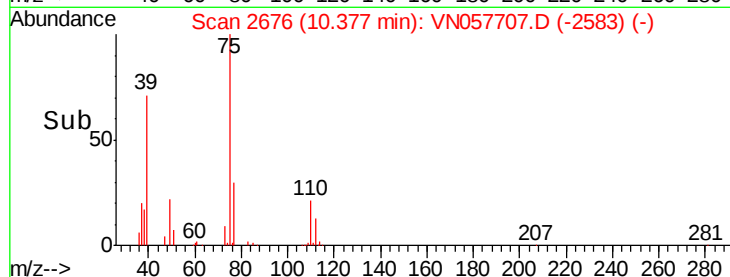
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 165.992 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

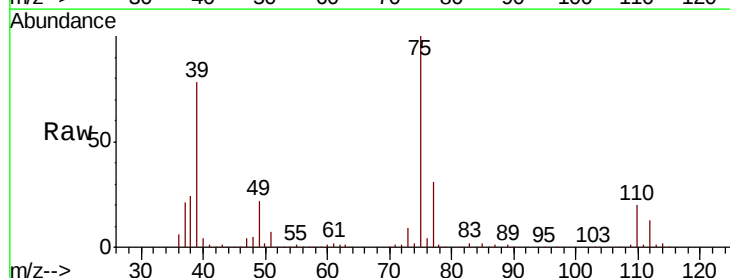
Tgt Ion: 75 Resp: 885957

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 77.7 62.4 93.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

600000

500000

400000

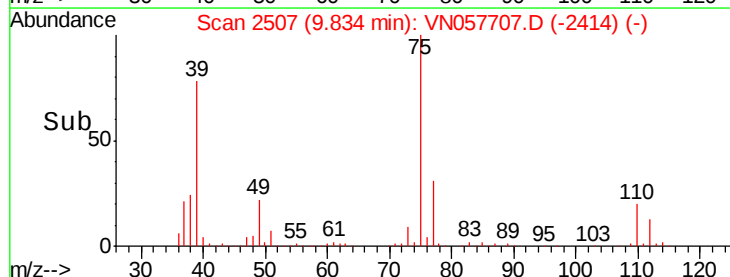
300000

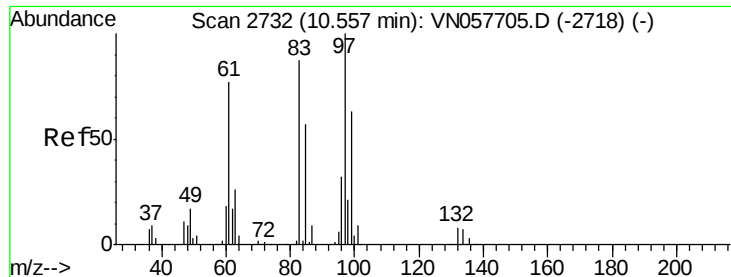
200000

100000

0

Time-->

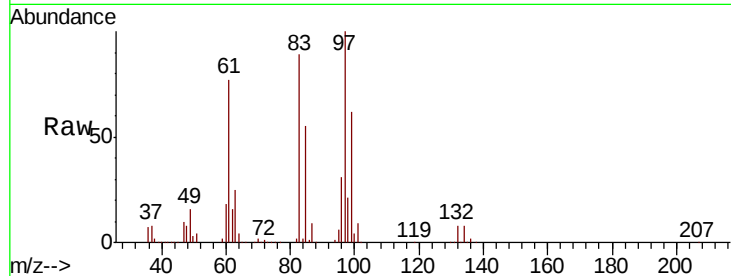




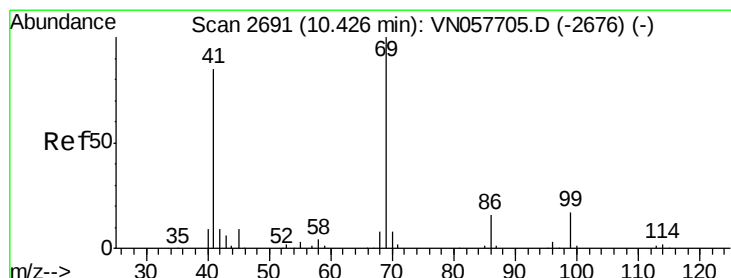
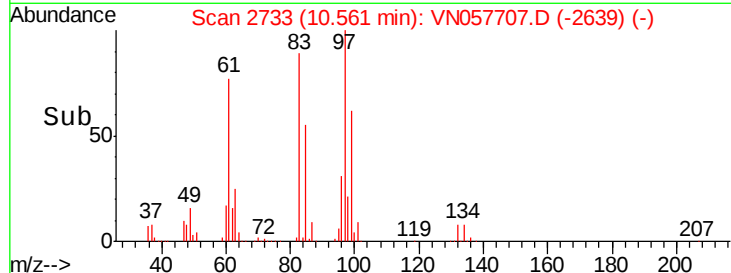
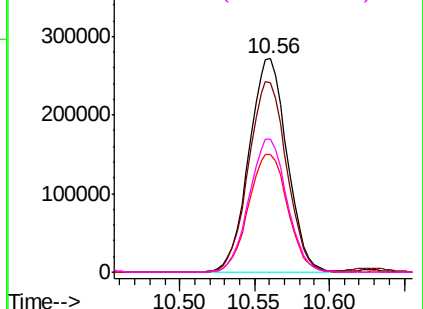
#55
 1,1,2-Trichloroethane
 Concen: 153.689 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 482084
 Ion Ratio Lower Upper
 97 100
 83 88.6 69.5 104.3
 85 55.3 45.7 68.5
 99 62.2 50.2 75.4

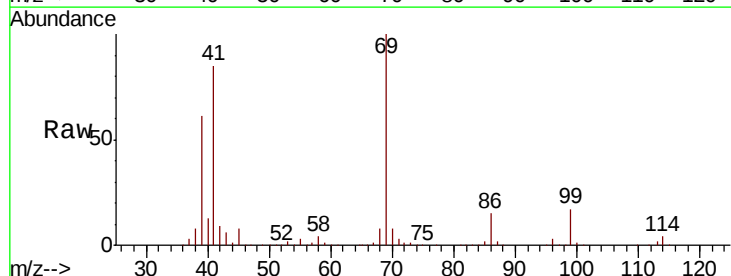


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

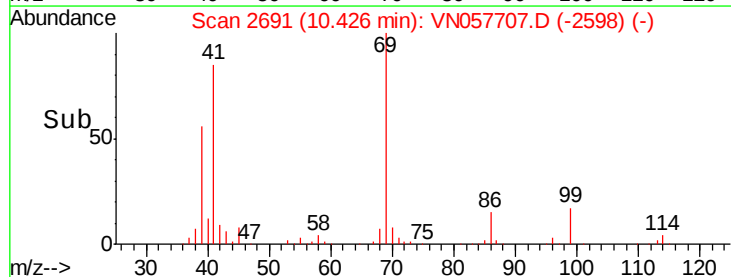
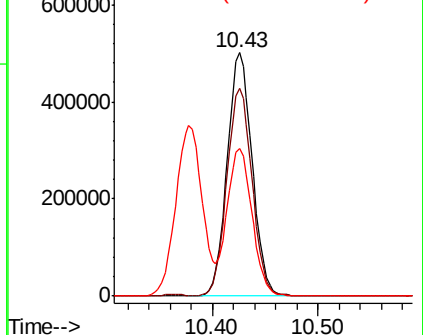


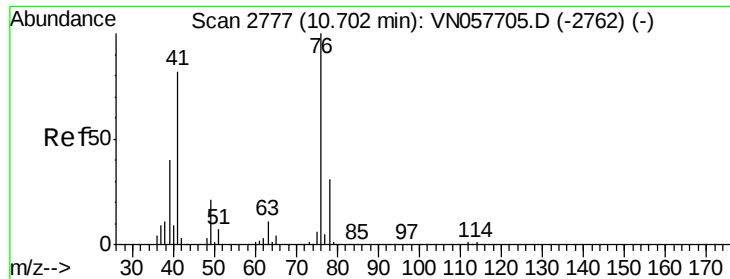
#56
 Ethyl methacrylate
 Concen: 169.990 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion: 69 Resp: 819578
 Ion Ratio Lower Upper
 69 100
 41 86.0 69.0 103.4
 39 60.5 49.2 73.8



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





#57

1,3-Dichloropropane

Concen: 154.453 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

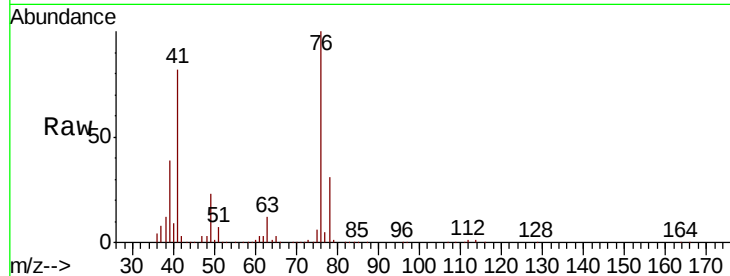
VSTDIC150

Tgt Ion: 76 Resp: 855031

Ion Ratio Lower Upper

76 100

78 31.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

500000

400000

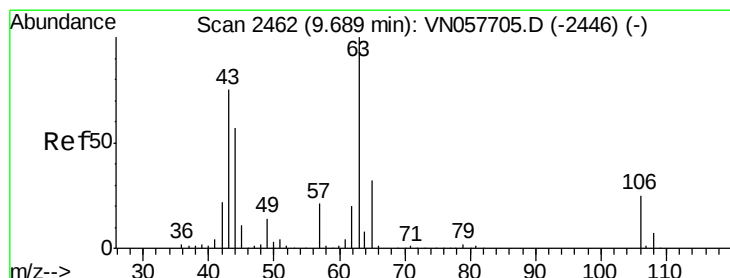
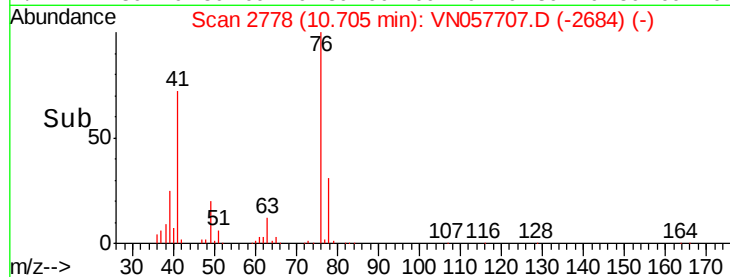
300000

200000

100000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 1120.914 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057707.D

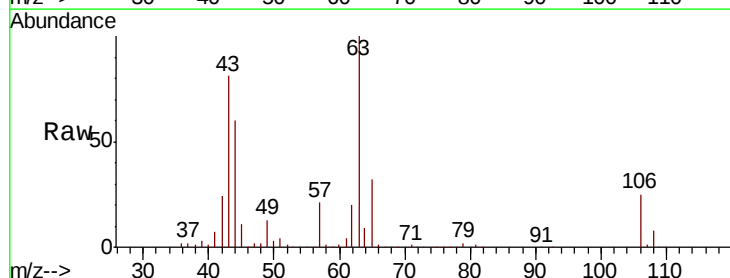
Acq: 5 Sep 2019 19:39

Tgt Ion: 63 Resp: 1920538

Ion Ratio Lower Upper

63 100

106 24.4 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

1200000

1000000

800000

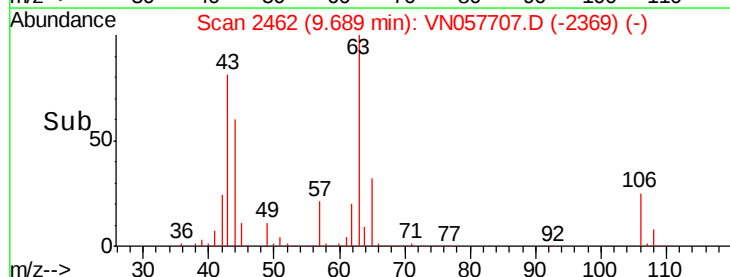
600000

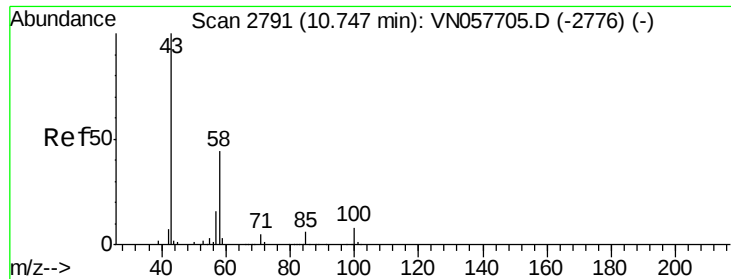
400000

200000

0

Time--> 9.60 9.65 9.70 9.75 9.80

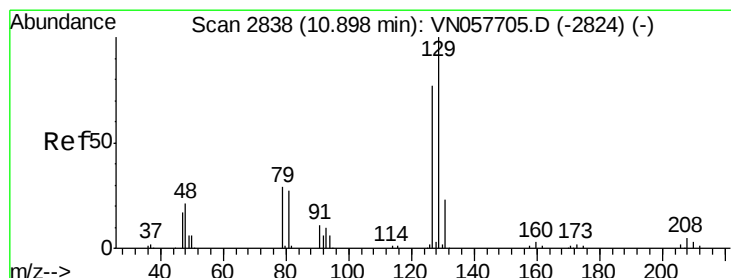
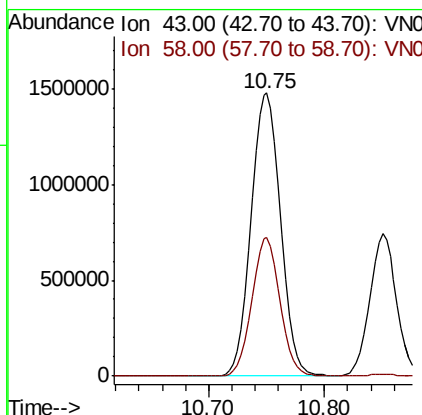
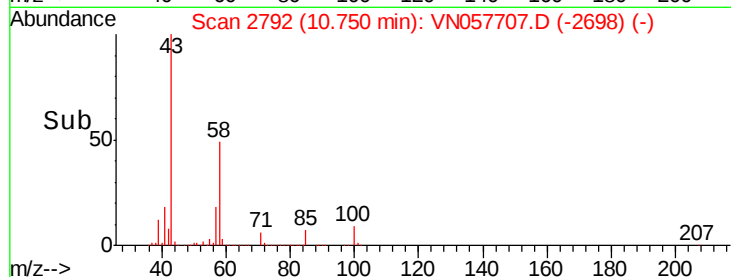
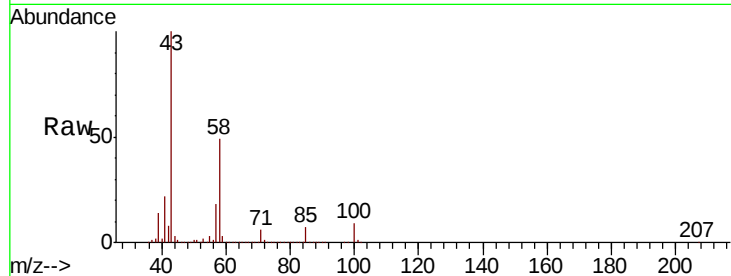




#59
2-Hexanone
Concen: 827.612 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

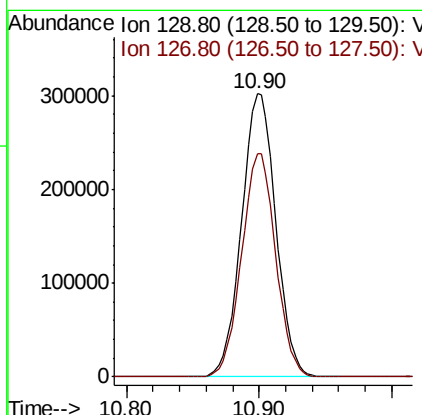
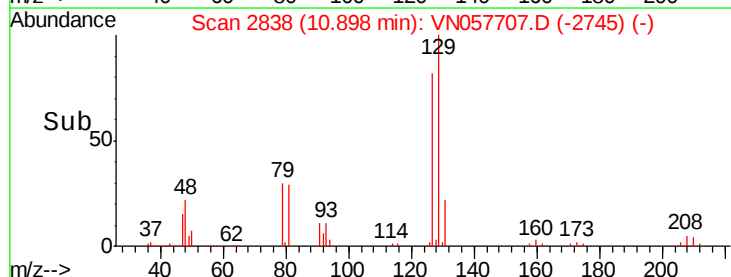
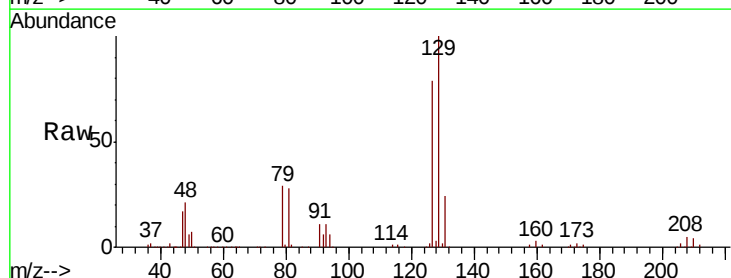
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

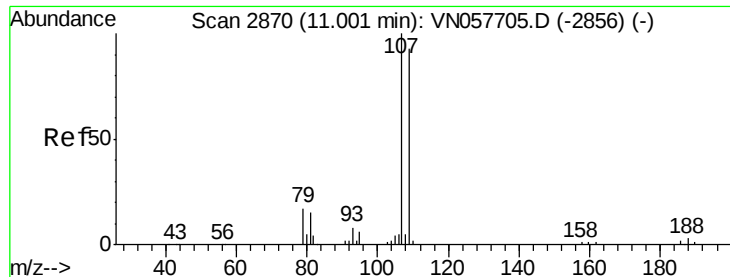
Tgt Ion: 43 Resp: 2621572
Ion Ratio Lower Upper
43 100
58 46.8 22.1 66.5



#60
Dibromochloromethane
Concen: 175.574 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 129 Resp: 540477
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 158.927 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

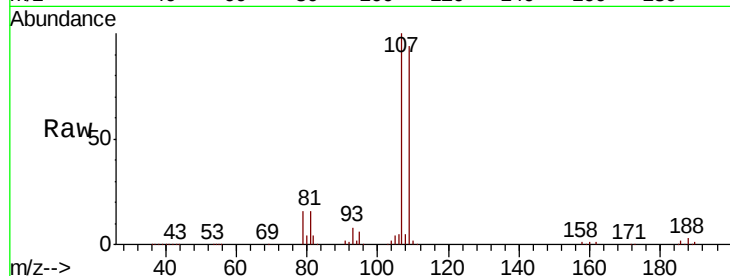
VSTDIC150

Tgt Ion: 107 Resp: 488138

Ion Ratio Lower Upper

107 100

109 94.0 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

300000

250000

200000

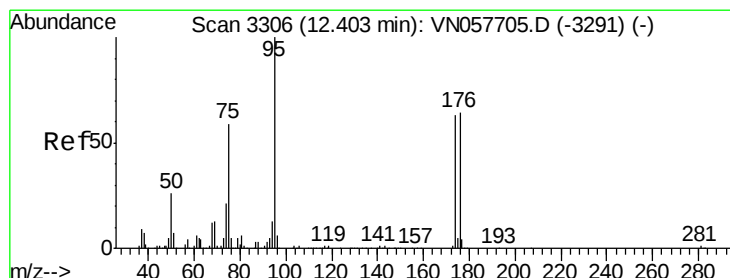
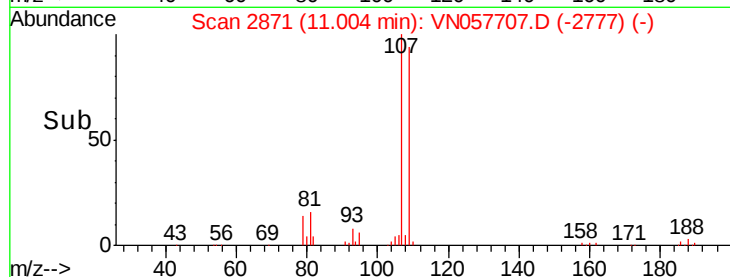
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 172.533 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

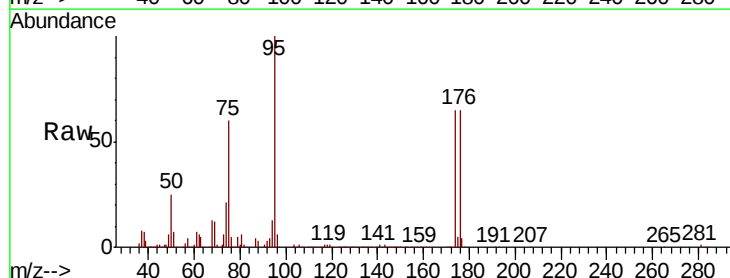
Tgt Ion: 95 Resp: 769543

Ion Ratio Lower Upper

95 100

174 65.9 0.0 128.0

176 65.2 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

600000

500000

400000

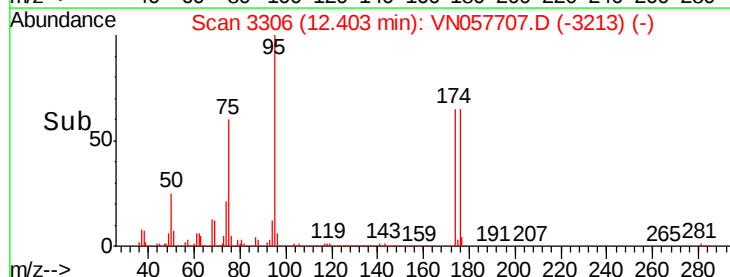
300000

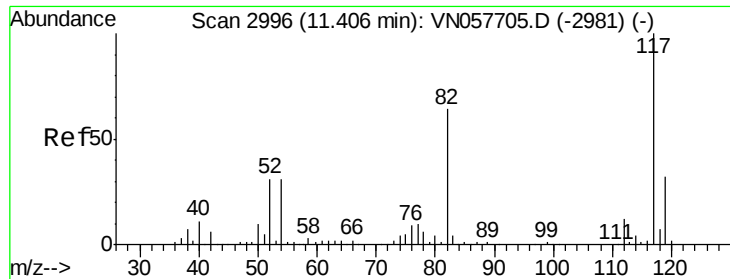
200000

100000

0

Time--> 12.35 12.40 12.45

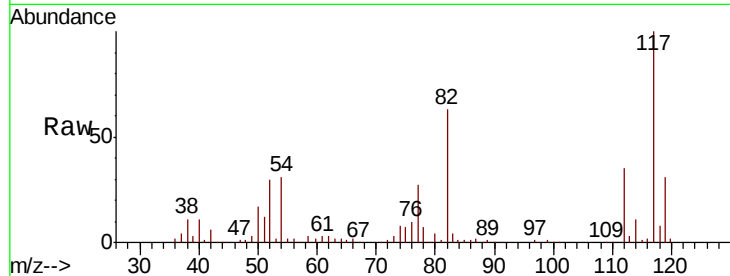




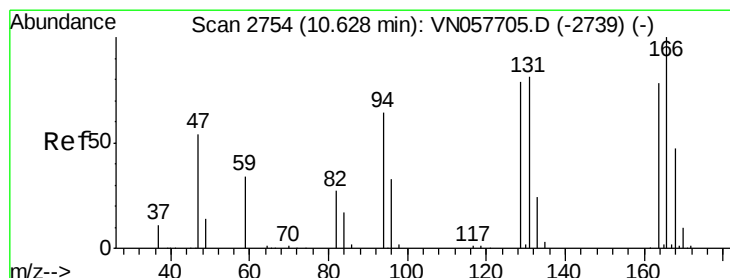
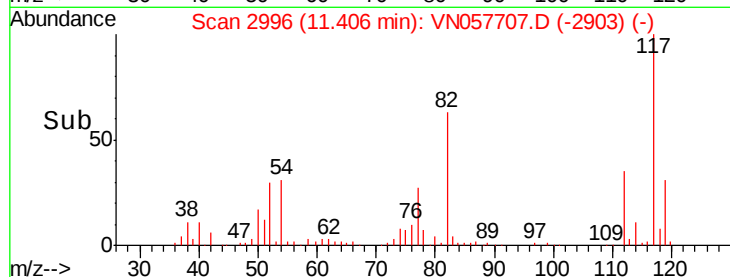
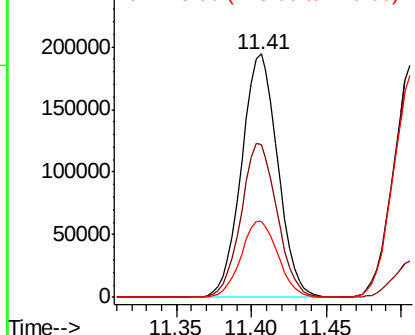
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 327646
Ion Ratio Lower Upper
117 100
82 62.9 51.4 77.0
119 31.4 25.4 38.2



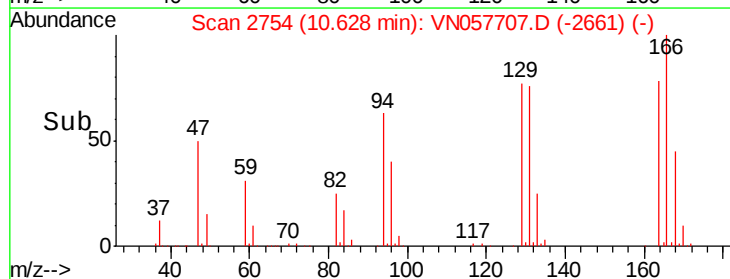
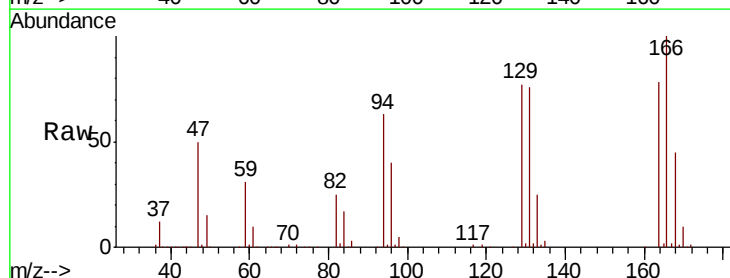
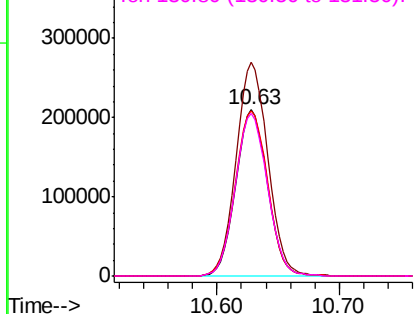
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

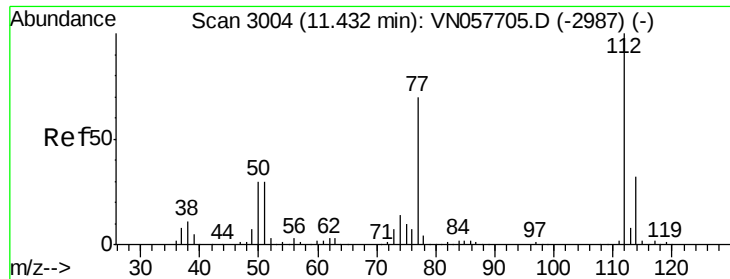


#64
Tetrachloroethene
Concen: 132.645 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion:164 Resp: 376101
Ion Ratio Lower Upper
164 100
166 128.7 103.0 154.6
129 99.6 81.1 121.7
131 97.9 83.2 124.8

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





#65

Chlorobenzene

Concen: 153.504 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

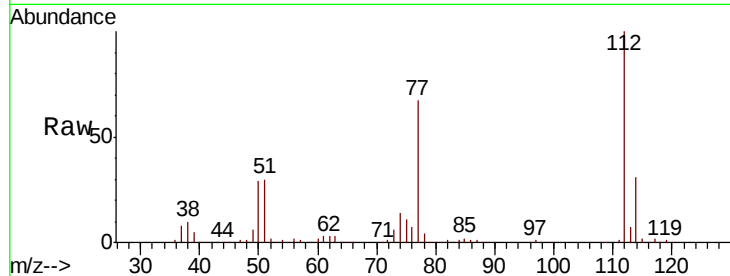
VSTDIC150

Tgt Ion:112 Resp: 1275450

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

800000

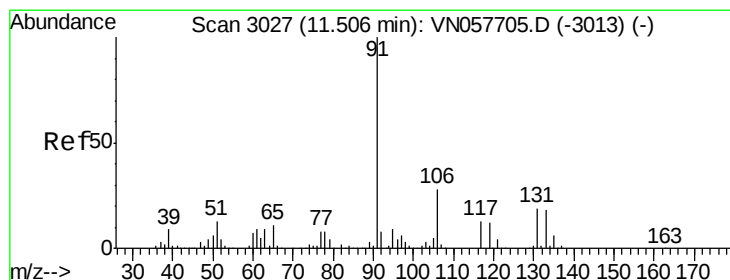
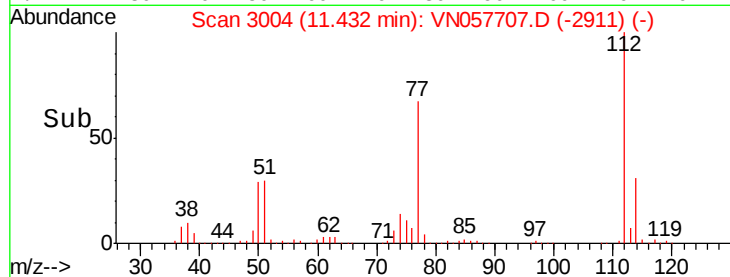
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 159.373 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

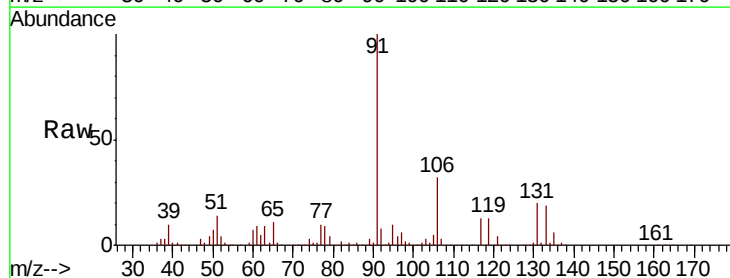
Tgt Ion:131 Resp: 481274

Ion Ratio Lower Upper

131 100

133 95.4 47.6 142.9

119 64.2 32.8 98.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

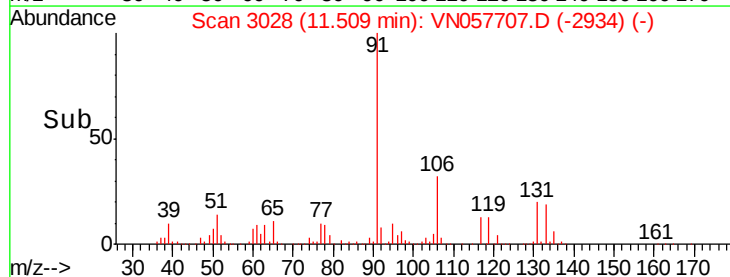
300000

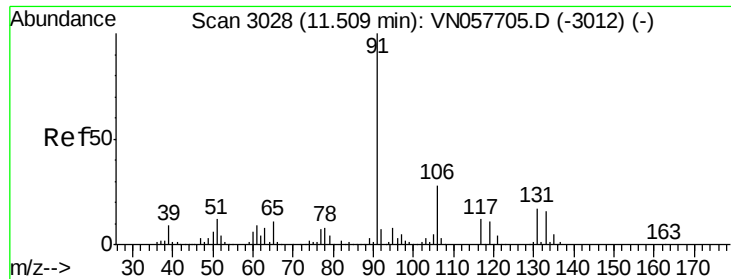
200000

100000

0

Time-->

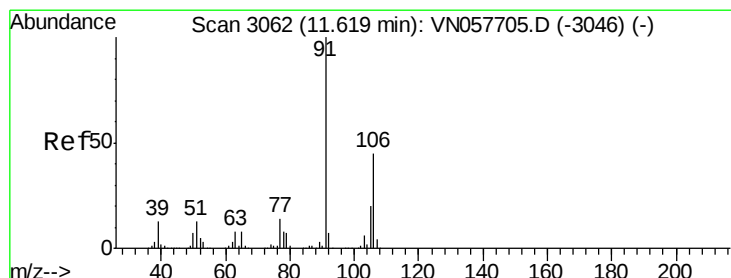
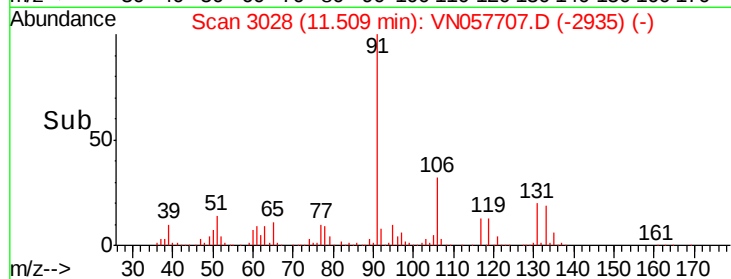
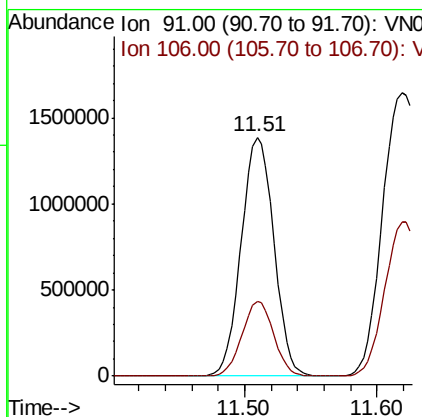
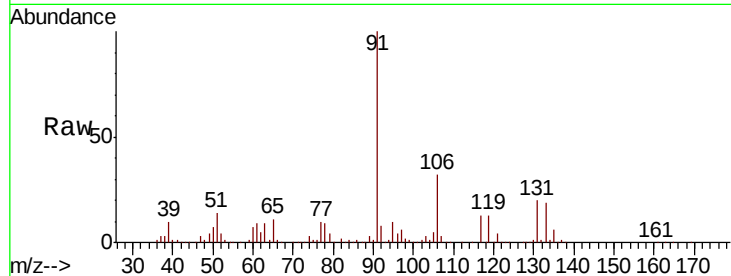




#67
Ethyl Benzene
Concen: 149.710 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

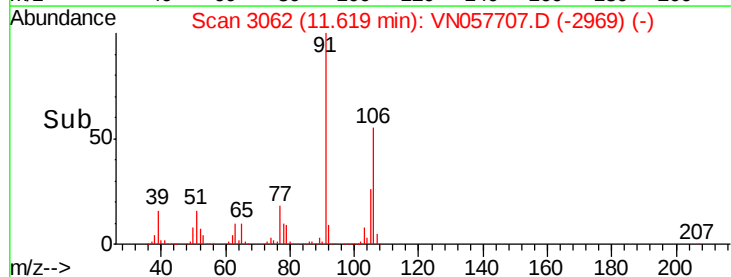
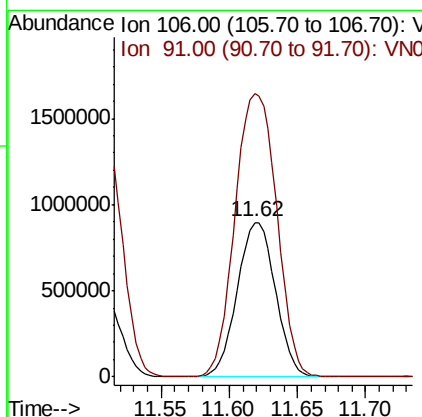
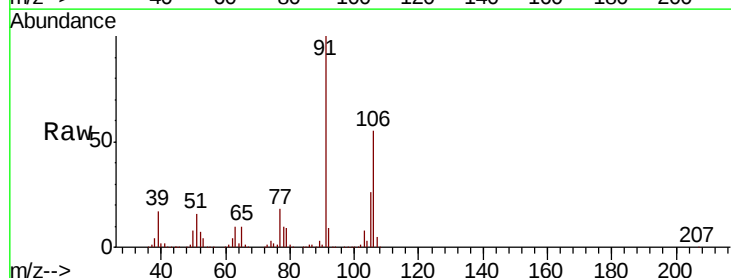
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

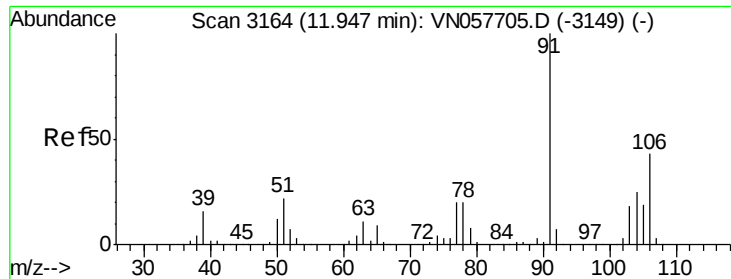
Tgt Ion: 91 Resp: 2374708
Ion Ratio Lower Upper
91 100
106 31.5 22.8 34.2



#68
m/p-Xylenes
Concen: 318.745 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion: 106 Resp: 1741674
Ion Ratio Lower Upper
106 100
91 200.5 179.8 269.8

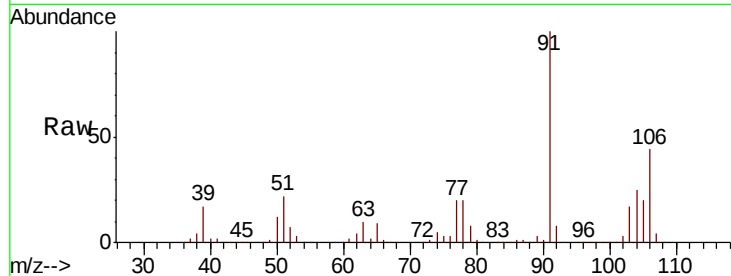




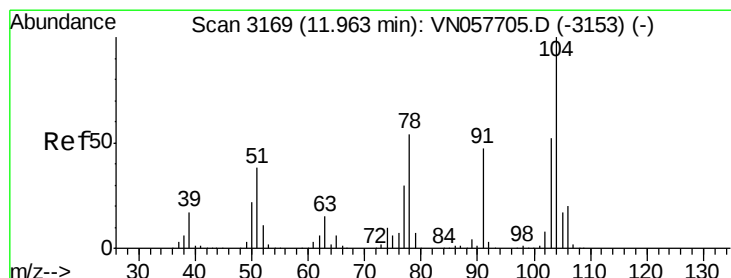
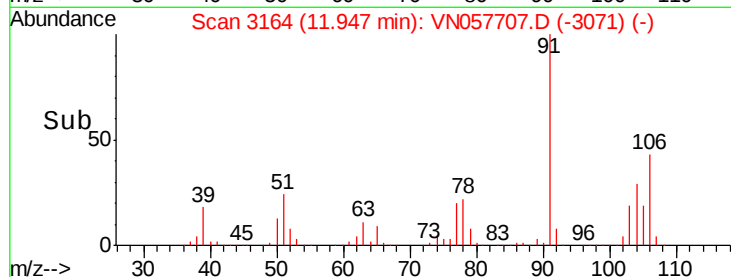
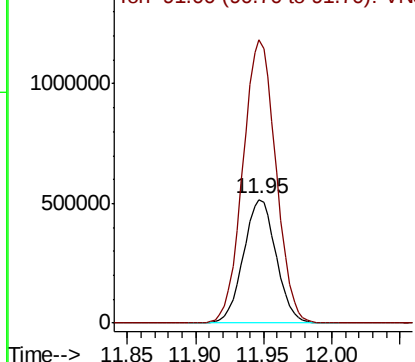
#69
o-Xylene
Concen: 156.727 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 853401
Ion Ratio Lower Upper
106 100
91 232.6 116.8 350.4

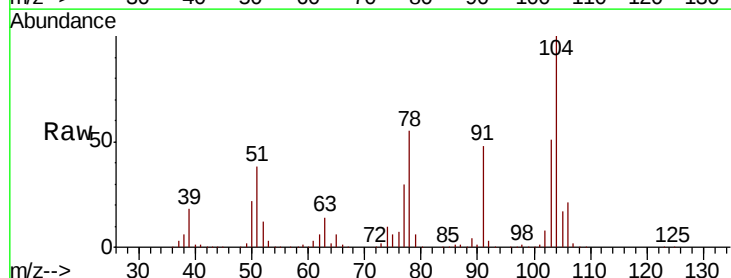


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

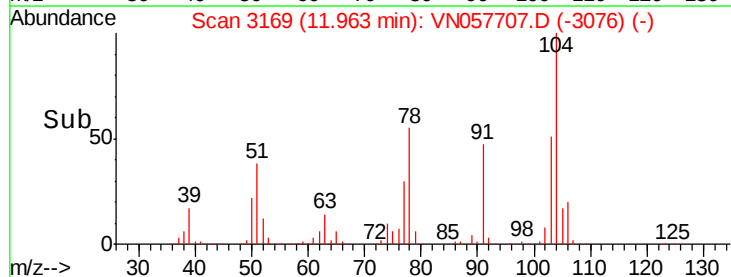
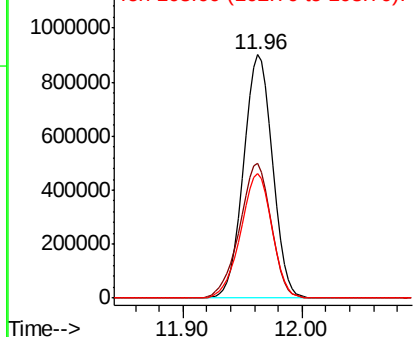


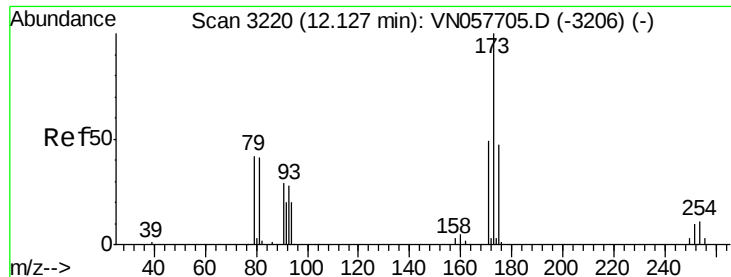
#70
Styrene
Concen: 175.416 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion:104 Resp: 1521681
Ion Ratio Lower Upper
104 100
78 60.4 48.5 72.7
103 55.1 45.0 67.4



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





#71

Bromoform

Concen: 188.944 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

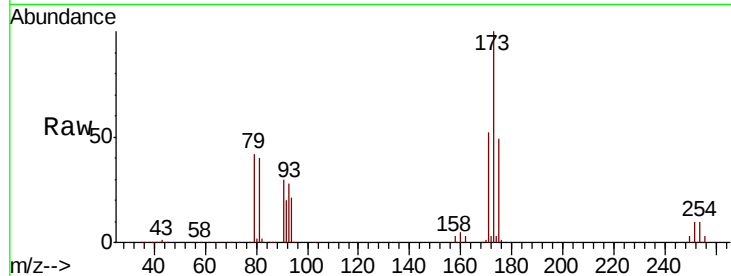
Tgt Ion:173 Resp: 356707

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

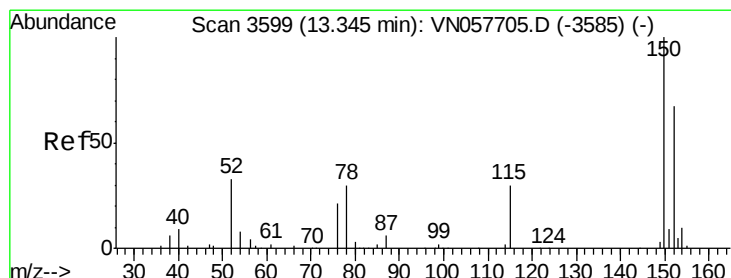
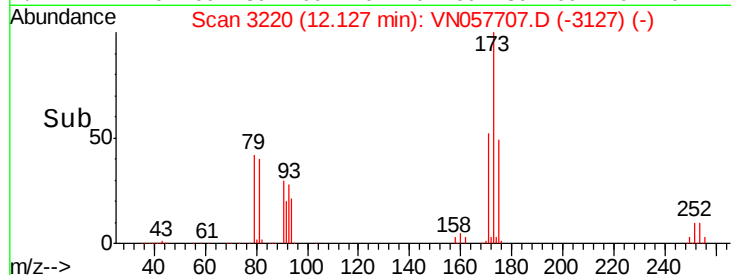
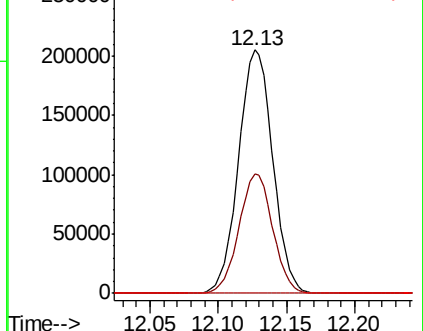
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

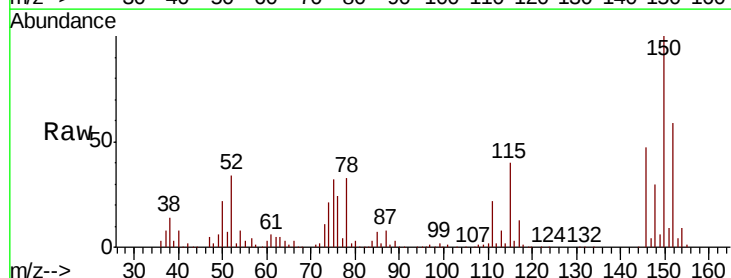
Tgt Ion:152 Resp: 190524

Ion Ratio Lower Upper

152 100

115 65.8 33.8 101.3

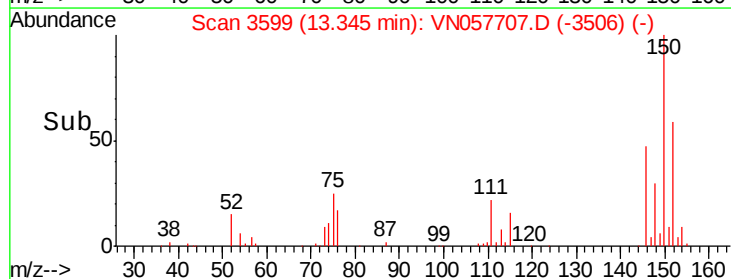
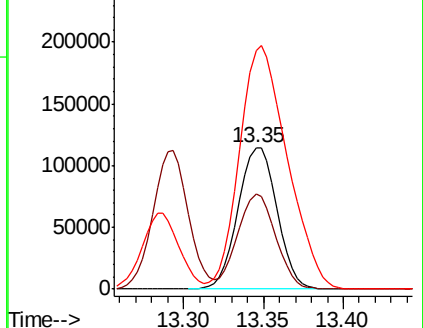
150 211.0 0.0 345.4

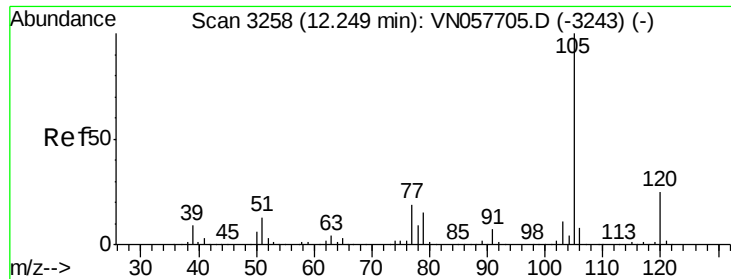


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 102.693 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

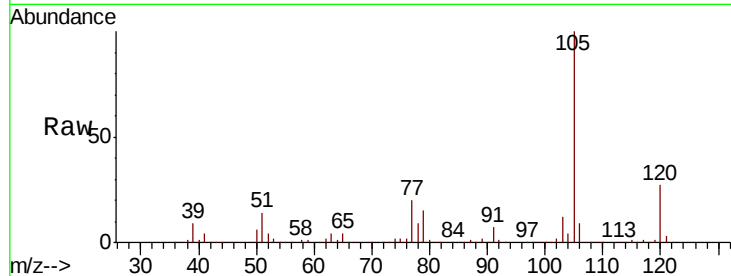
VSTDIC150

Tgt Ion:105 Resp: 2346758

Ion Ratio Lower Upper

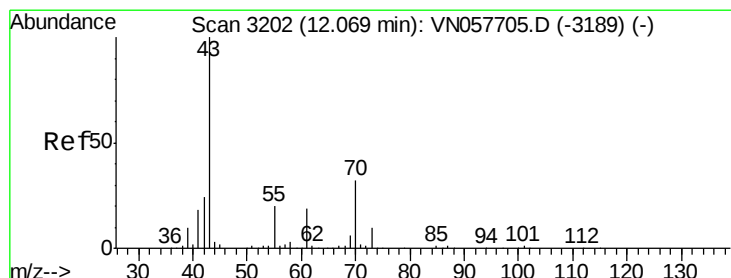
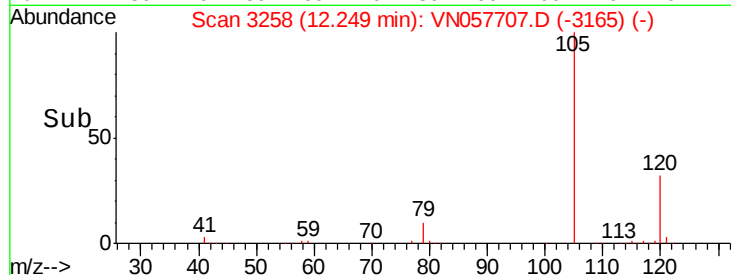
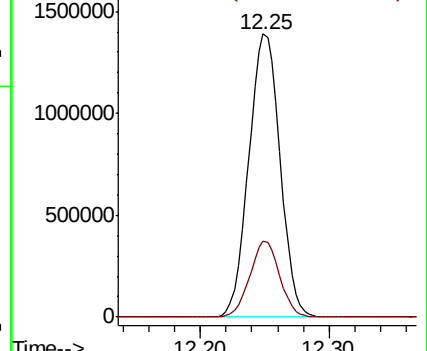
105 100

120 25.6 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 137.672 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Tgt Ion: 43 Resp: 1307251

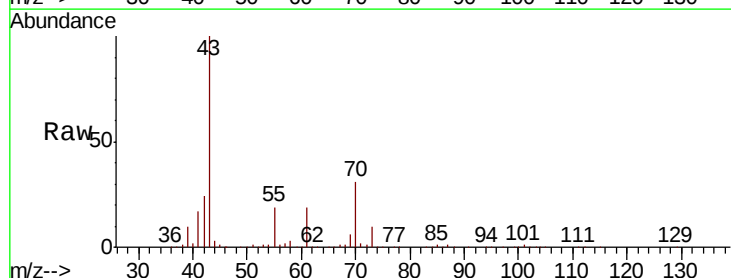
Ion Ratio Lower Upper

43 100

70 31.4 26.1 39.1

55 19.5 16.3 24.5

61 18.9 15.0 22.4

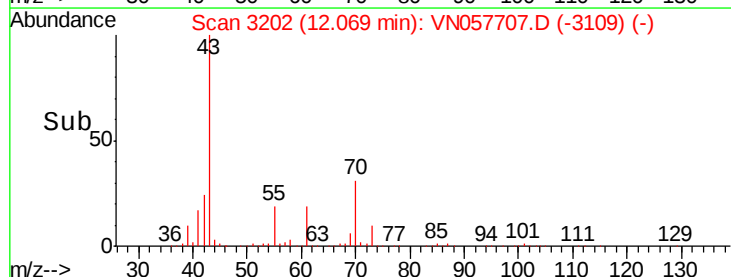
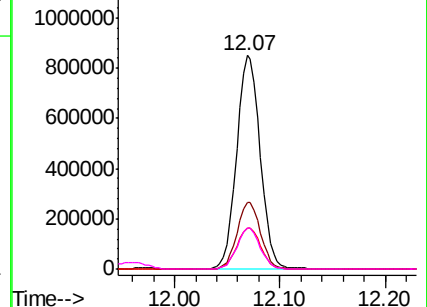


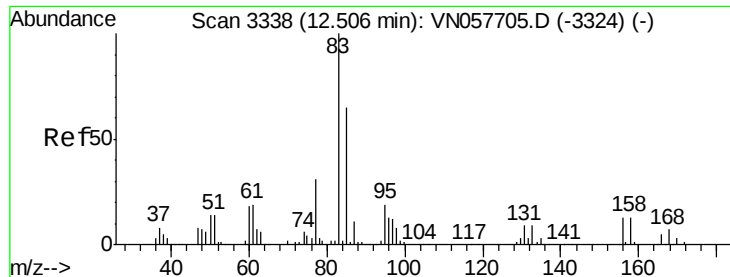
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 116.729 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

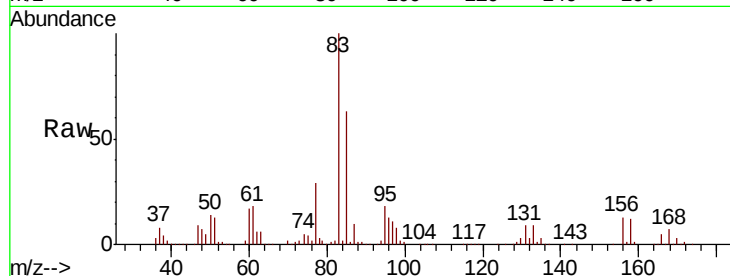
Tgt Ion: 83 Resp: 723081

Ion Ratio Lower Upper

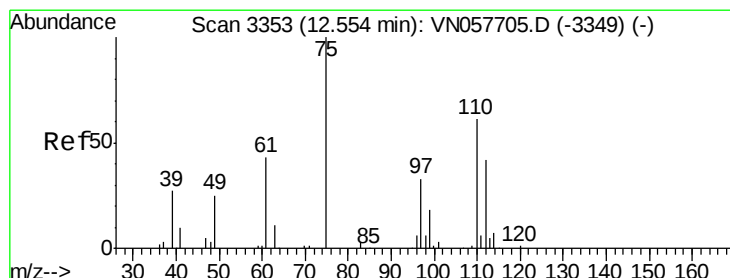
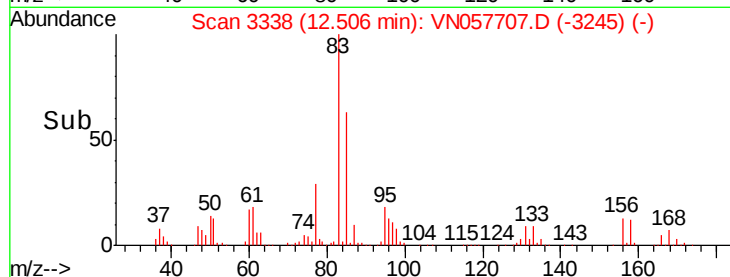
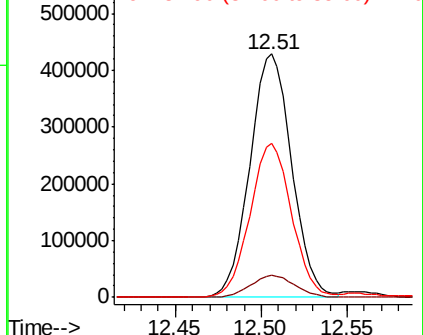
83 100

131 9.5 4.5 13.5

85 62.7 31.8 95.3



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



#76

1,2,3-Trichloropropane

Concen: 184.457 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057707.D

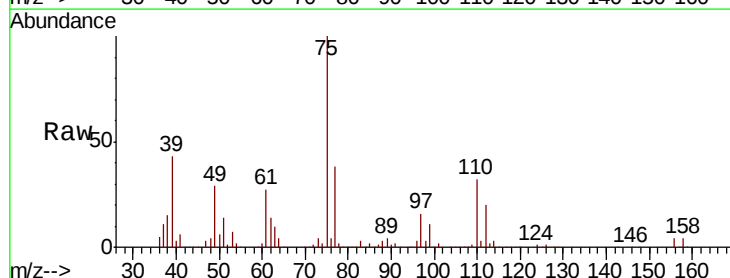
Acq: 5 Sep 2019 19:39

Tgt Ion: 75 Resp: 965183

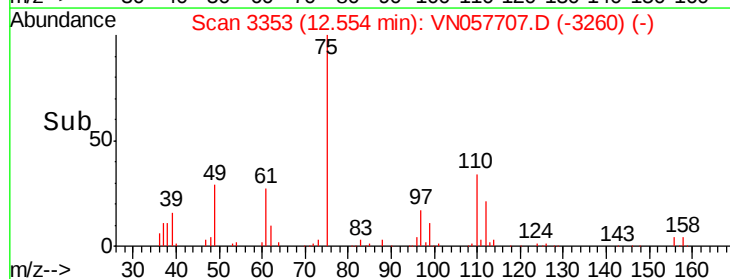
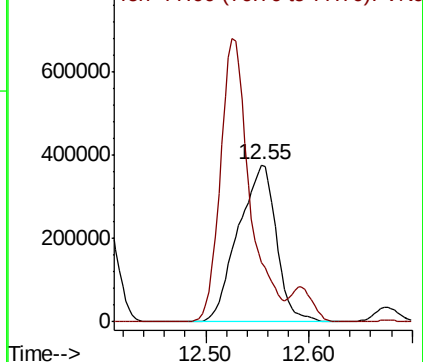
Ion Ratio Lower Upper

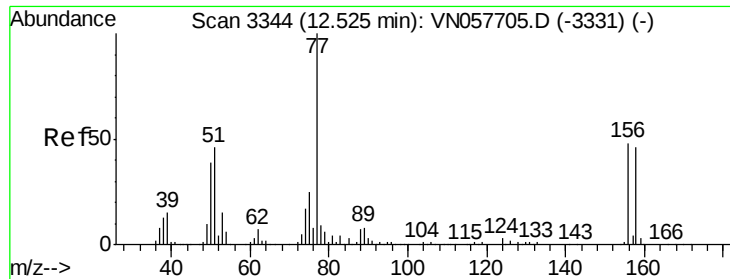
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 110.321 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

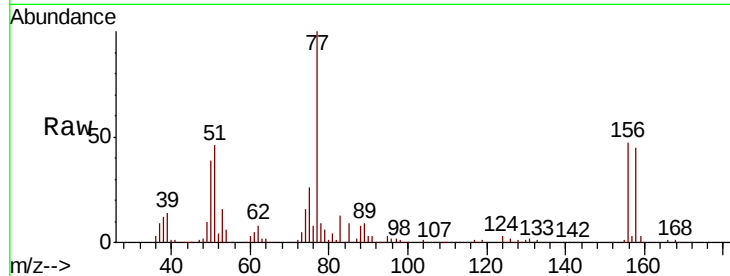
Tgt Ion:156 Resp: 537944

Ion Ratio Lower Upper

156 100

77 250.7 125.4 376.2

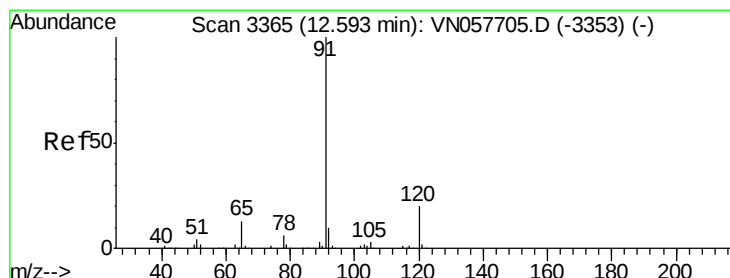
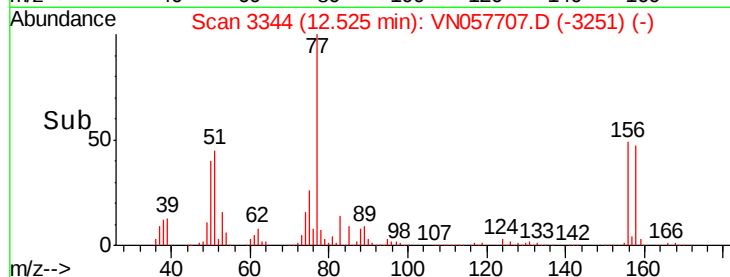
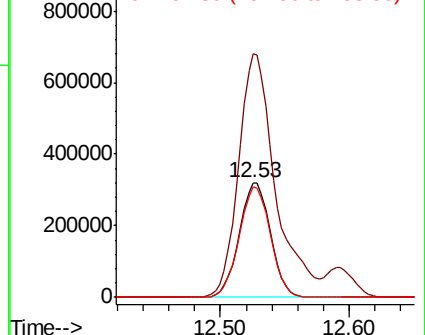
158 96.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 109.424 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057707.D

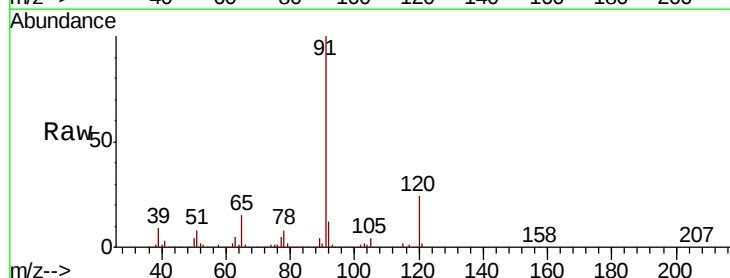
Acq: 5 Sep 2019 19:39

Tgt Ion: 91 Resp: 2727829

Ion Ratio Lower Upper

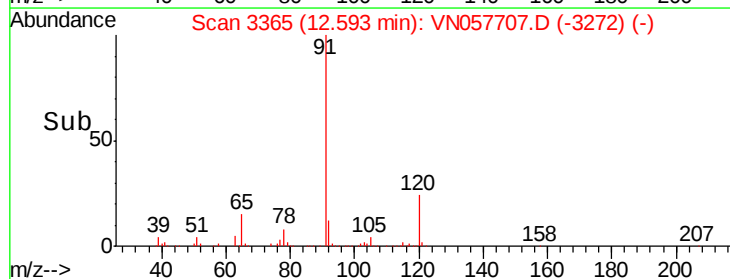
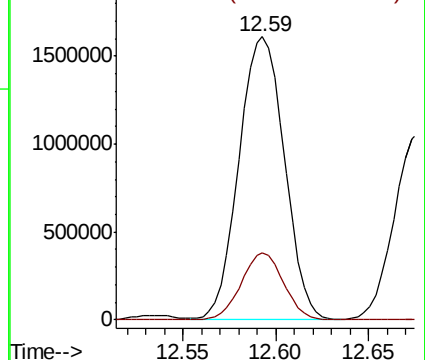
91 100

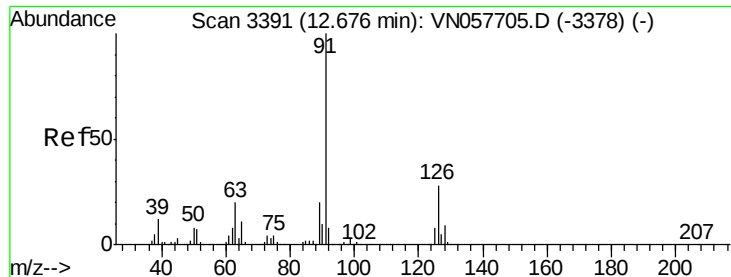
120 22.2 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 113.720 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

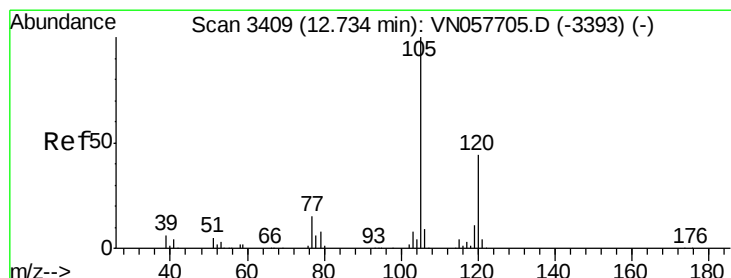
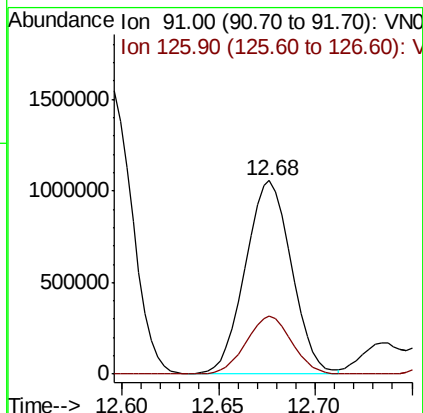
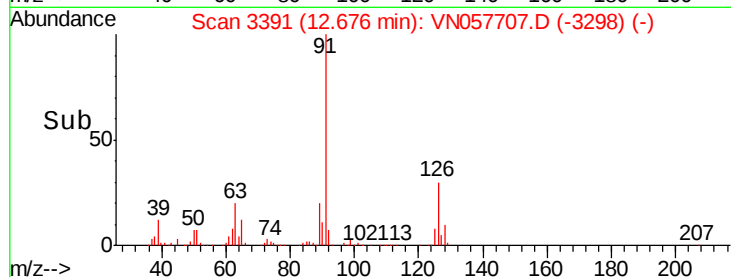
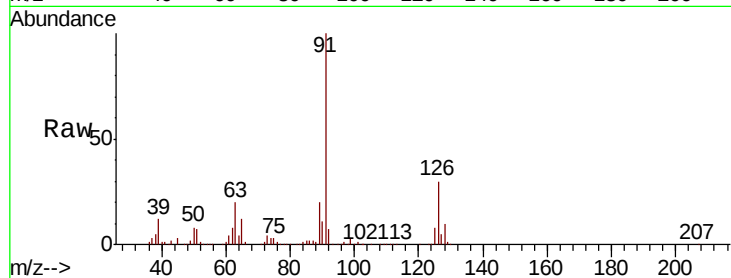
VSTDIC150

Tgt Ion: 91 Resp: 1748966

Ion Ratio Lower Upper

91 100

126 29.8 14.5 43.5



#80

1,3,5-Trimethylbenzene

Concen: 111.213 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057707.D

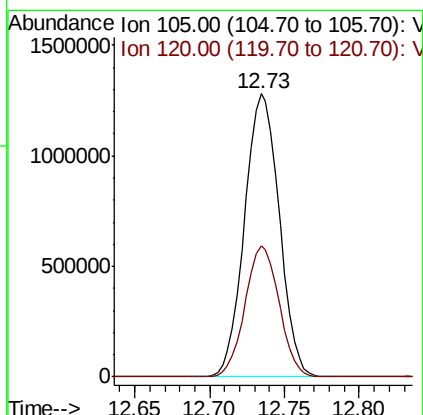
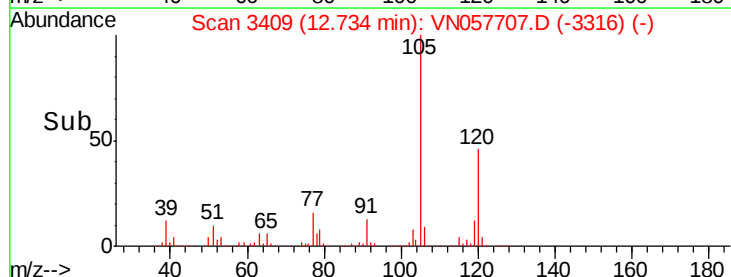
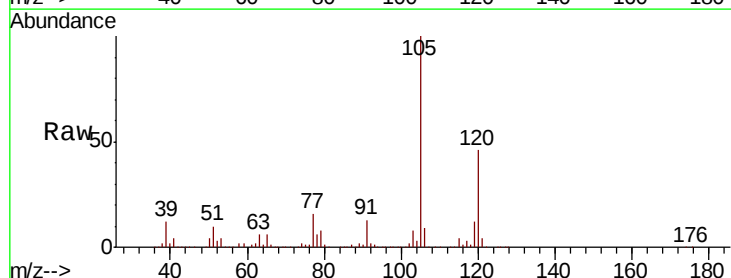
Acq: 5 Sep 2019 19:39

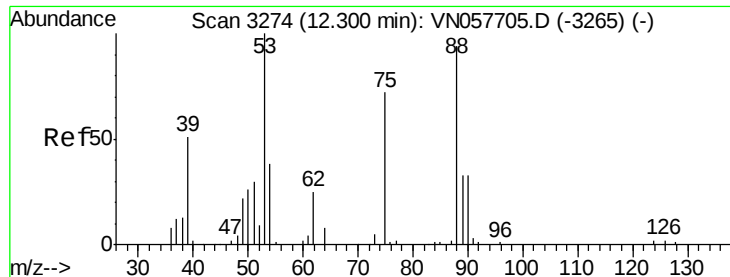
Tgt Ion: 105 Resp: 2068581

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.8





#81

trans-1,4-Dichloro-2-butene

Concen: 153.051 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

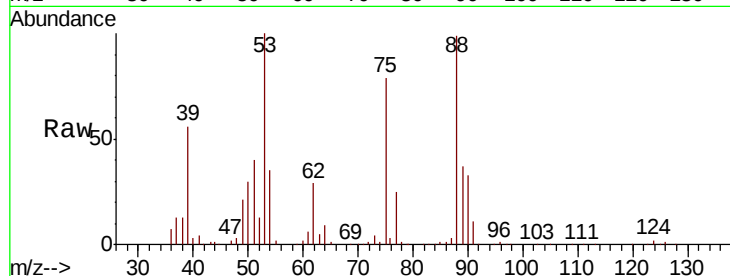
Tgt Ion: 75 Resp: 235092

Ion Ratio Lower Upper

75 100

53 127.3 107.0 160.6

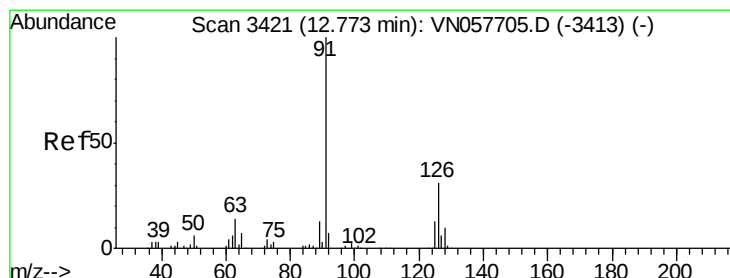
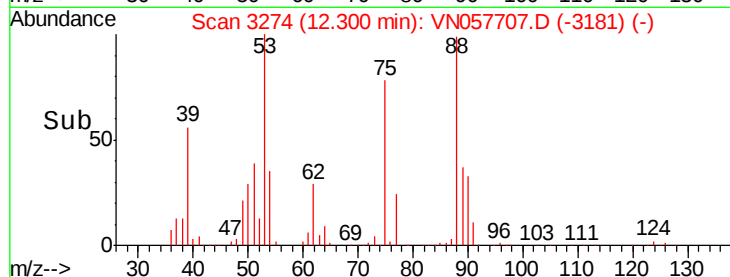
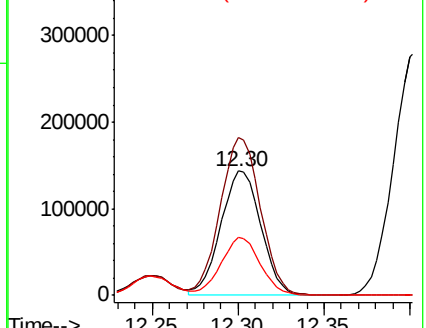
89 45.4 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 126.509 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057707.D

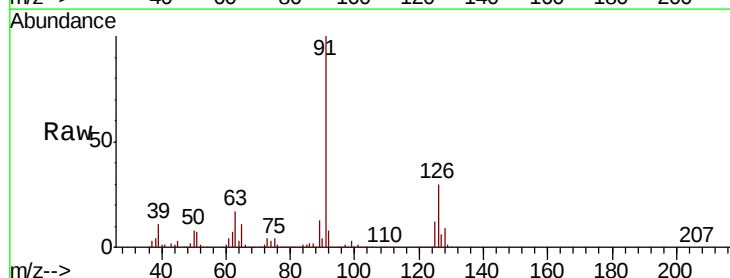
Acq: 5 Sep 2019 19:39

Tgt Ion: 91 Resp: 1843218

Ion Ratio Lower Upper

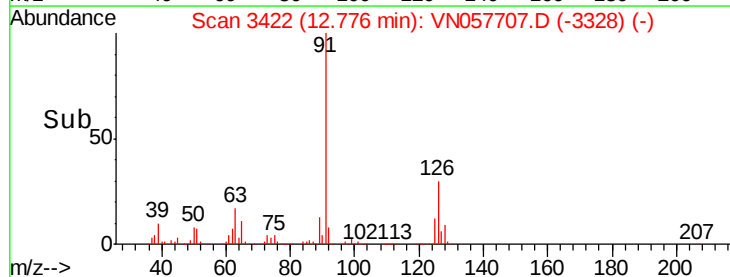
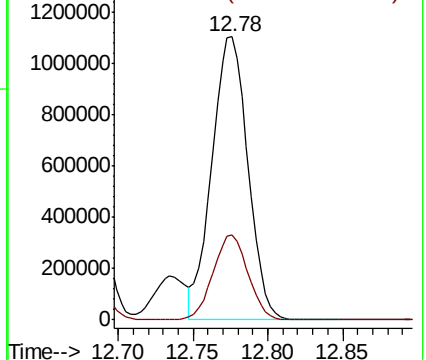
91 100

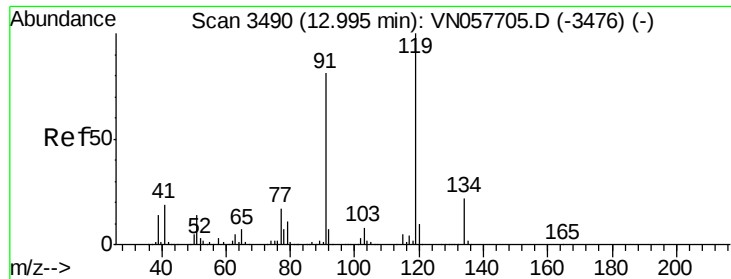
126 29.2 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

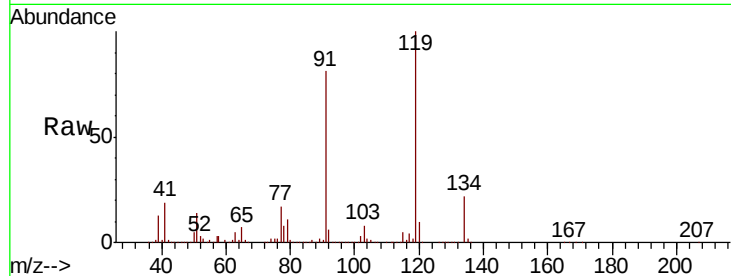




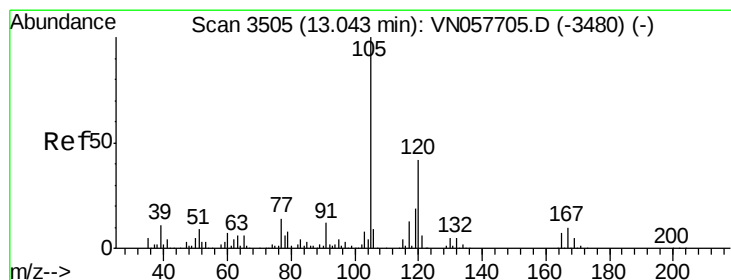
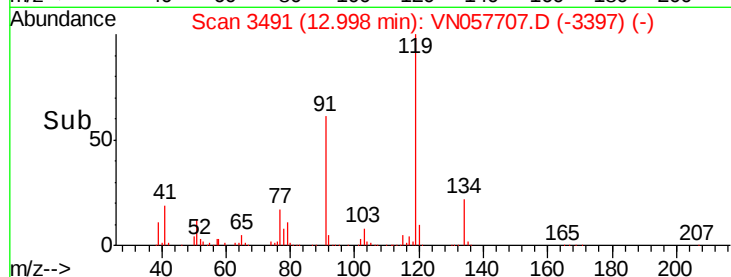
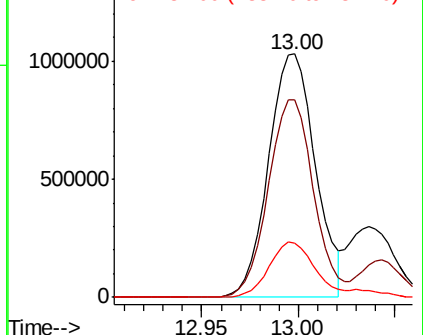
#83
 tert-Butylbenzene
 Concen: 105.960 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tgt Ion:119 Resp: 1734728
 Ion Ratio Lower Upper
 119 100
 91 78.5 39.6 118.8
 134 22.5 11.3 33.8

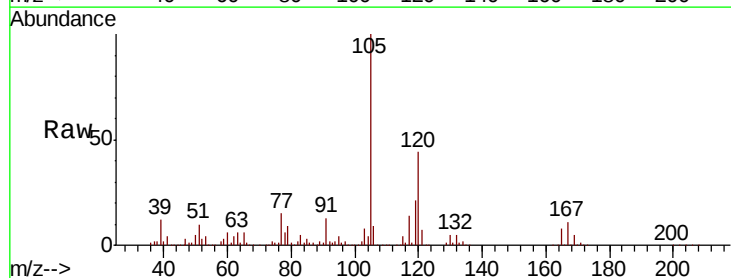


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

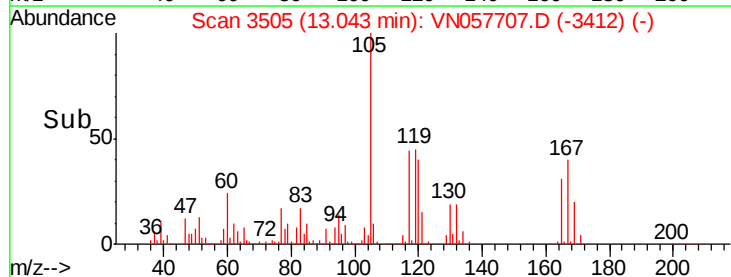
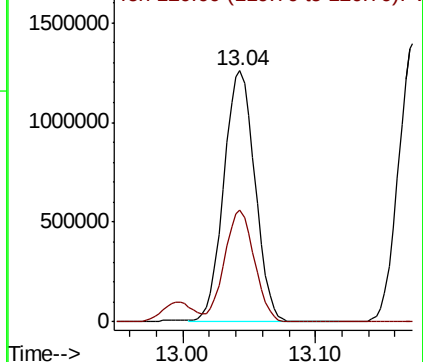


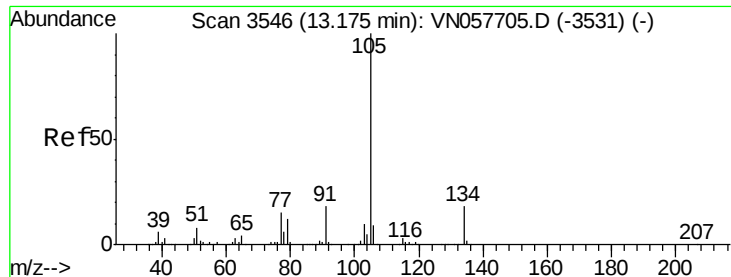
#84
 1,2,4-Trimethylbenzene
 Concen: 120.521 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion:105 Resp: 2052798
 Ion Ratio Lower Upper
 105 100
 120 43.0 20.8 62.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

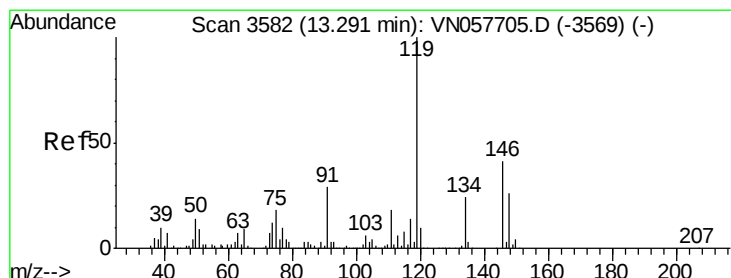
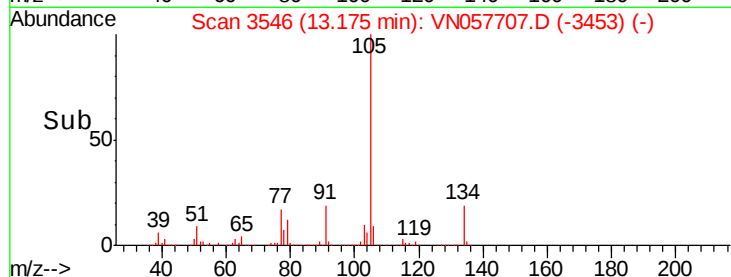
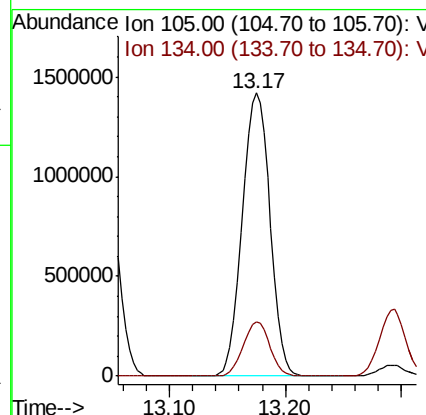
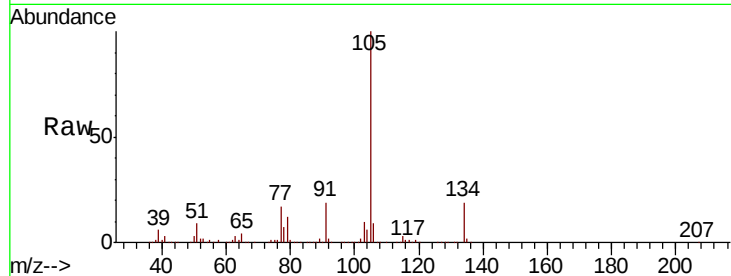




#85
 sec-Butylbenzene
 Concen: 113.957 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

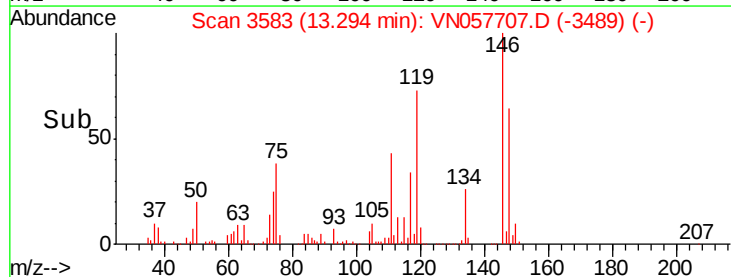
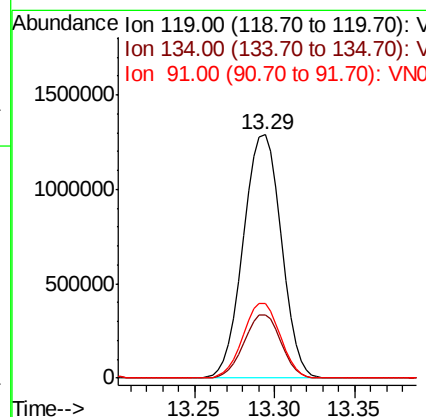
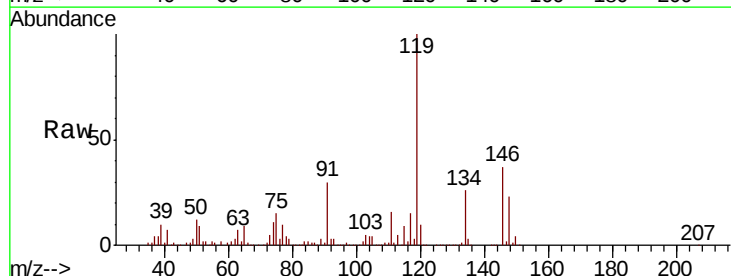
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

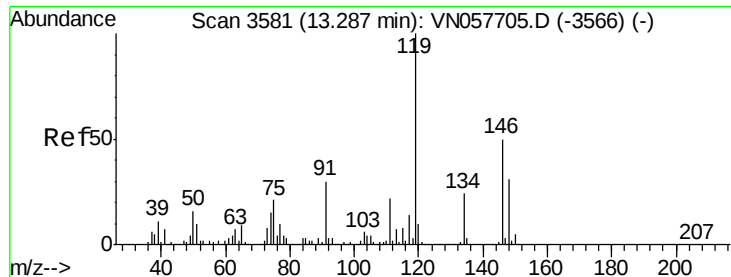
Tgt Ion:105 Resp: 2348637
 Ion Ratio Lower Upper
 105 100
 134 18.5 8.8 26.5



#86
 p-Isopropyltoluene
 Concen: 122.538 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion:119 Resp: 2082815
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.0
 91 30.0 14.8 44.3





#87

1,3-Dichlorobenzene

Concen: 151.376 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

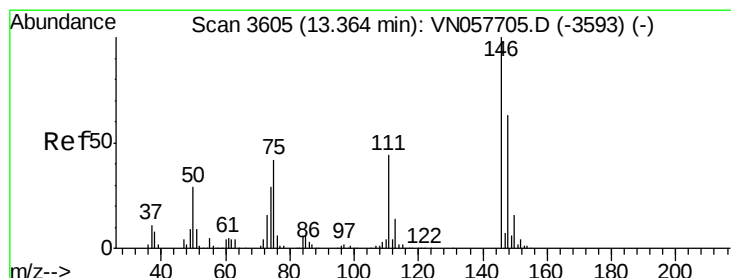
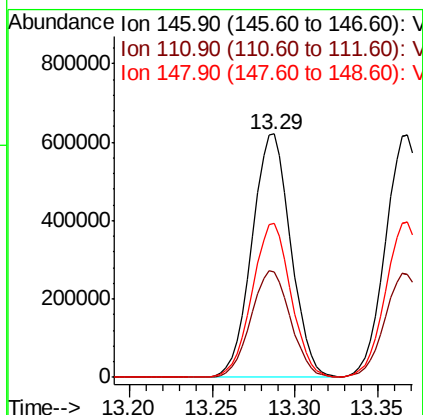
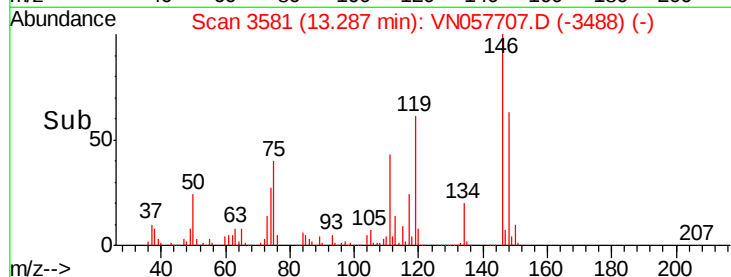
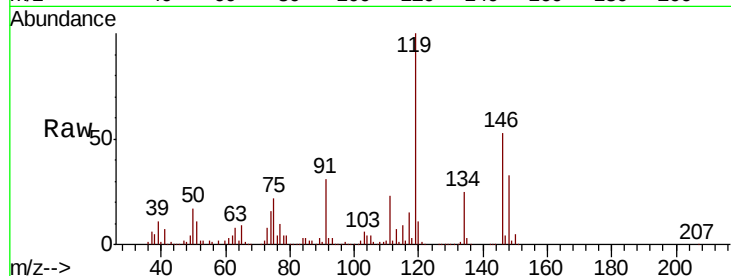
Tgt Ion:146 Resp: 1016014

Ion Ratio Lower Upper

146 100

111 44.4 22.3 66.8

148 63.1 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 148.106 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

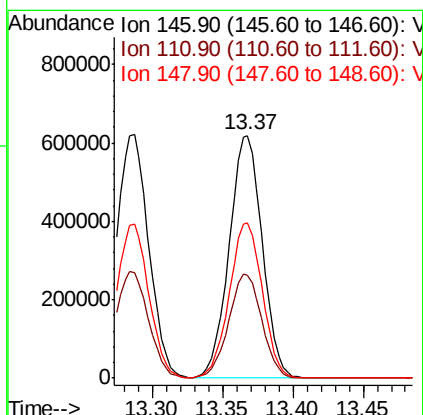
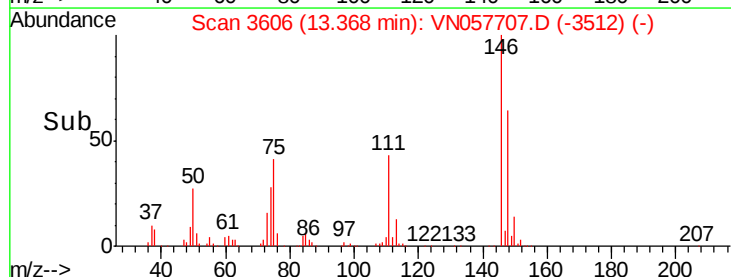
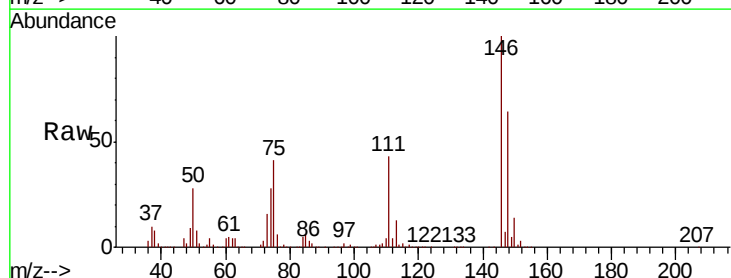
Tgt Ion:146 Resp: 1012261

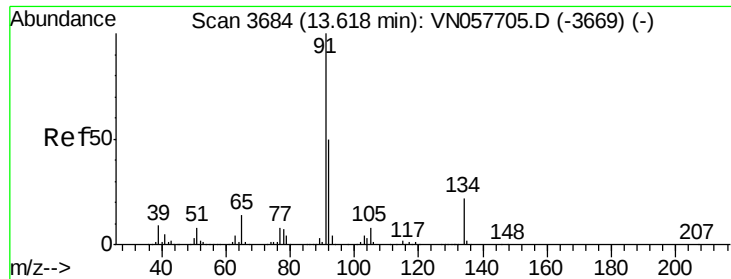
Ion Ratio Lower Upper

146 100

111 43.0 22.3 66.9

148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 141.749 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

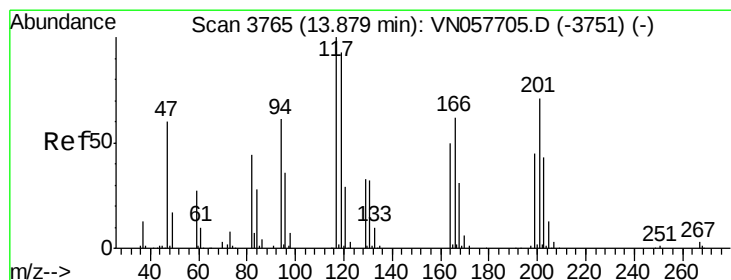
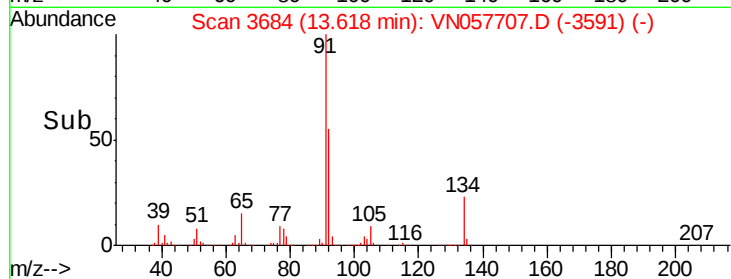
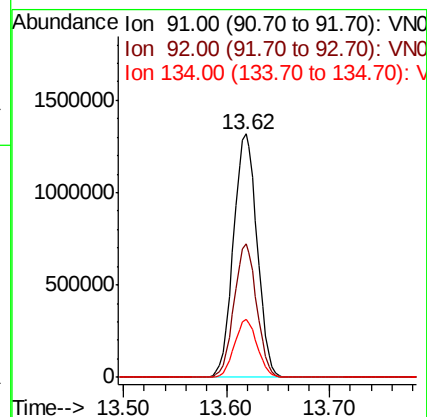
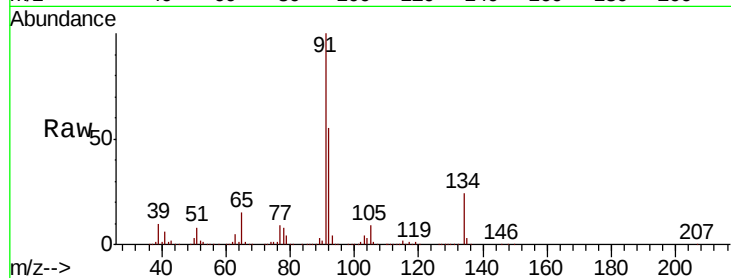
Tgt Ion: 91 Resp: 2104498

Ion Ratio Lower Upper

91 100

92 52.6 25.6 76.8

134 23.0 11.2 33.5



#90

Hexachloroethane

Concen: 124.935 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057707.D

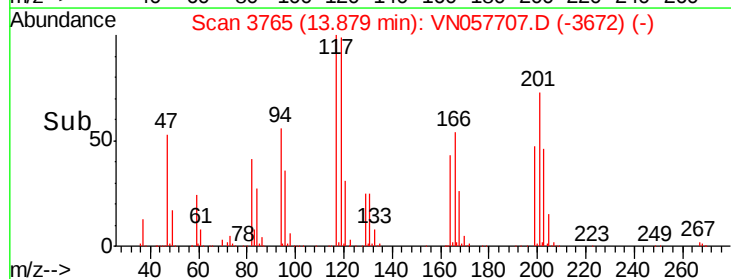
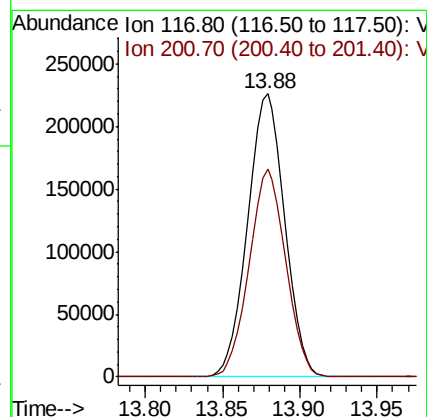
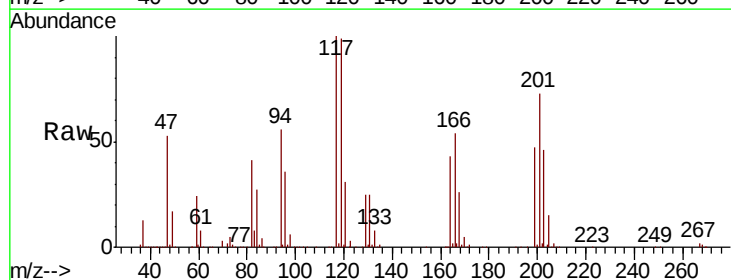
Acq: 5 Sep 2019 19:39

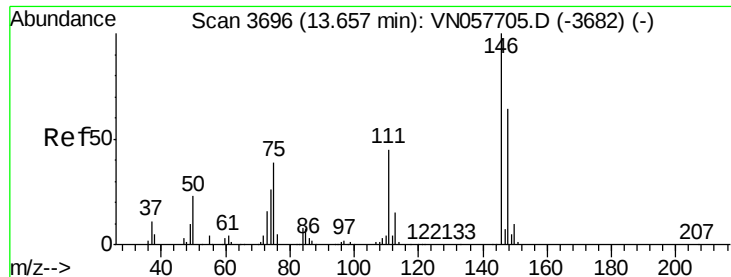
Tgt Ion: 117 Resp: 377872

Ion Ratio Lower Upper

117 100

201 72.3 36.4 109.2





#91

1,2-Dichlorobenzene

Concen: 155.144 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

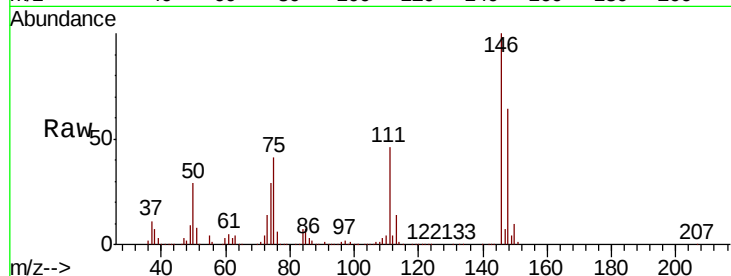
Tgt Ion:146 Resp: 989922

Ion Ratio Lower Upper

146 100

111 45.7 22.8 68.3

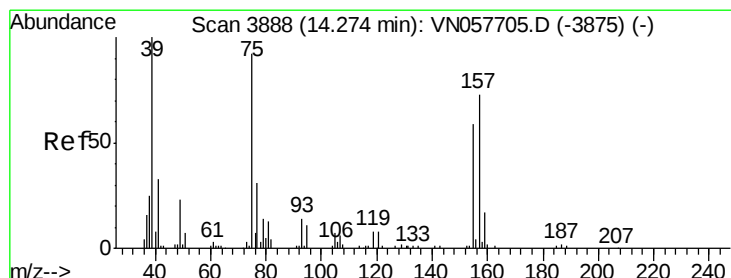
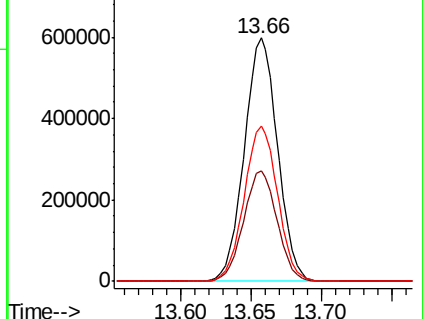
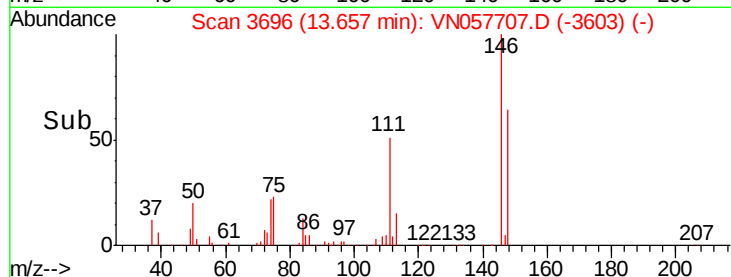
148 64.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 181.195 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057707.D

Acq: 5 Sep 2019 19:39

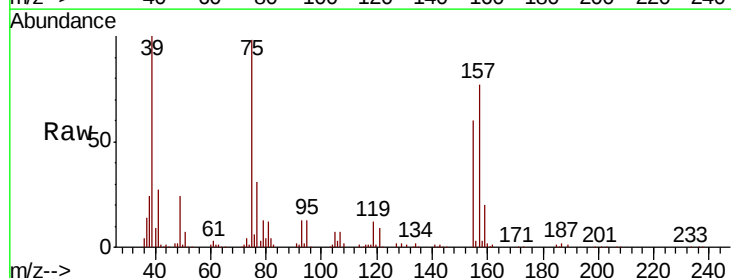
Tgt Ion: 75 Resp: 165466

Ion Ratio Lower Upper

75 100

155 61.7 30.1 90.5

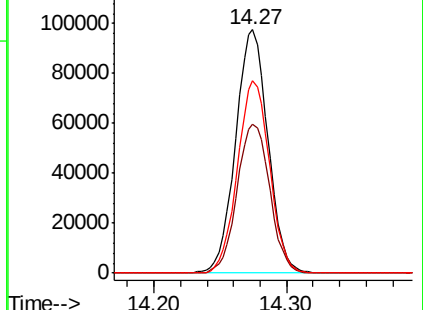
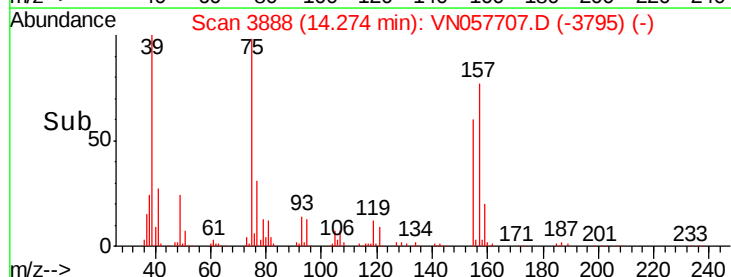
157 78.3 38.1 114.5

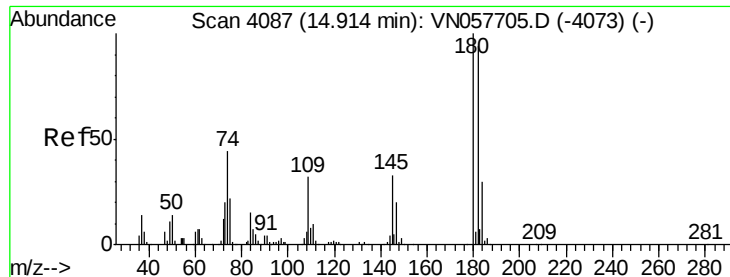


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

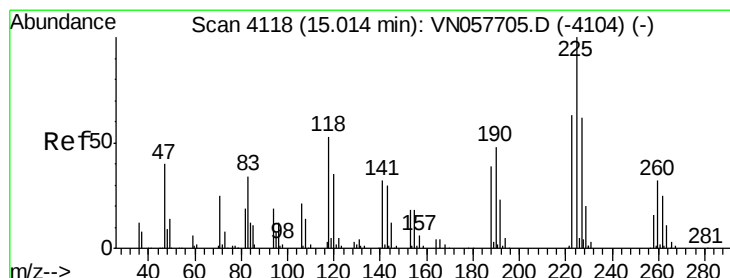
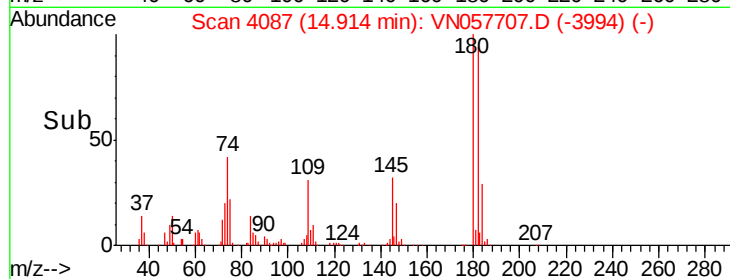
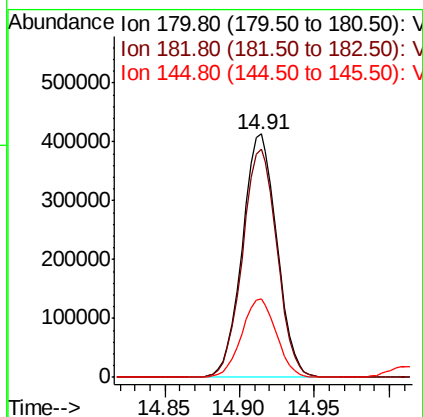
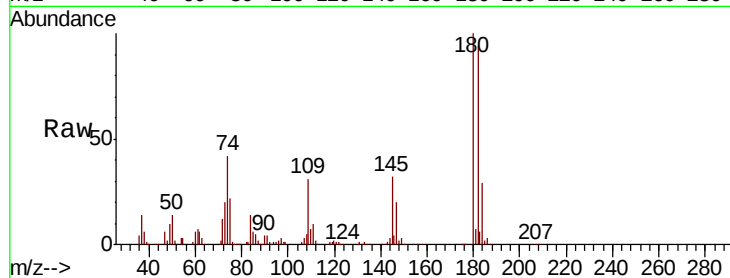




#93
 1,2,4-Trichlorobenzene
 Concen: 284.513 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

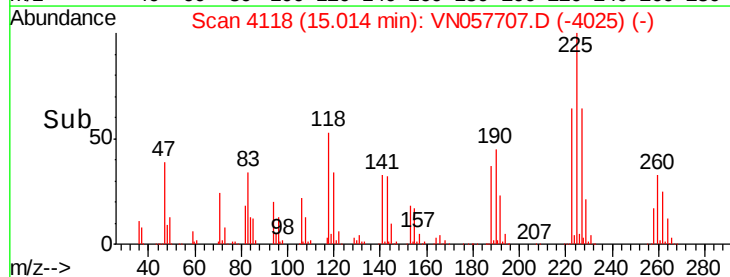
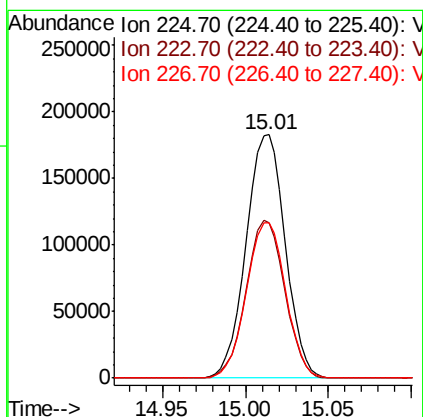
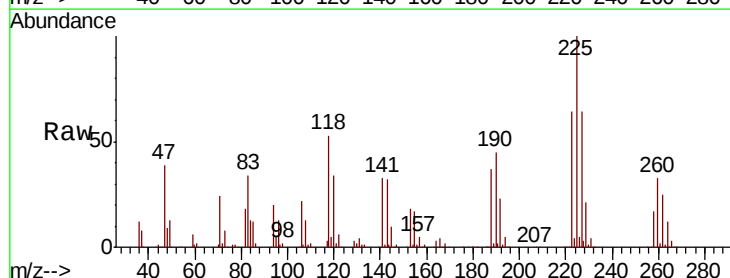
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

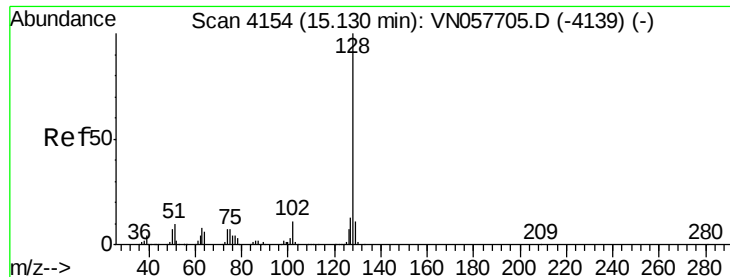
Tgt Ion:180 Resp: 664457
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.6 142.9
 145 32.3 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 116.202 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057707.D
 Acq: 5 Sep 2019 19:39

Tgt Ion:225 Resp: 300152
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.6 95.0
 227 64.2 31.7 95.1

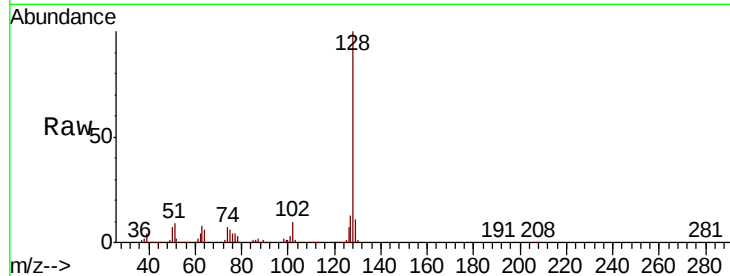




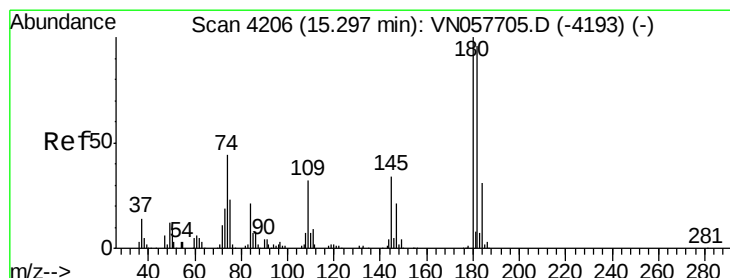
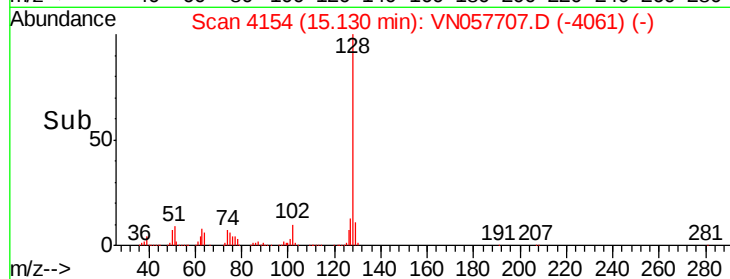
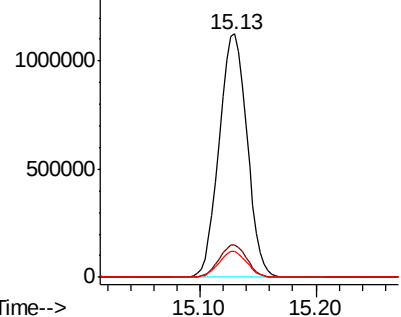
#95
Naphthalene
Concen: 304.624 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion:128 Resp: 1866636
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.7 8.4 12.6

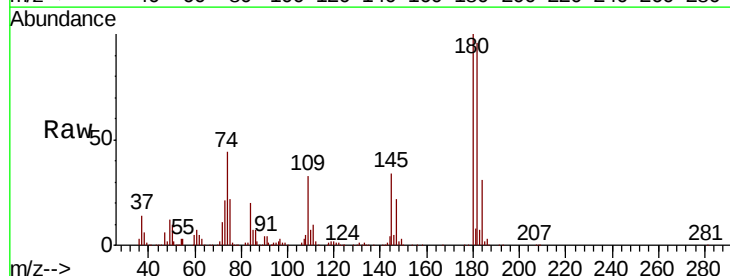


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 284.770 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057707.D
Acq: 5 Sep 2019 19:39

Tgt Ion:180 Resp: 621092
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 34.7 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

