

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050784.D
 Acq On : 21 Aug 2018 11:58
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 22 03:33:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	700112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	995249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	954101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	521704	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	1216577	144.34	ug/l	0.00
Spiked Amount			Recovery	=	288.68%	
35) Dibromofluoromethane	7.59	113	1164509	147.07	ug/l	0.00
Spiked Amount			Recovery	=	294.14%	
50) Toluene-d8	10.09	98	4529745	153.02	ug/l	0.00
Spiked Amount			Recovery	=	306.04%	
62) 4-Bromofluorobenzene	12.40	95	1623183	165.01	ug/l	0.00
Spiked Amount			Recovery	=	330.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	1507085	160.853	ug/l	100
3) Chloromethane	2.06	50	1681766	145.528	ug/l	100
4) Vinyl Chloride	2.18	62	1632358	149.114	ug/l	99
5) Bromomethane	2.54	94	909235	129.039	ug/l	99
6) Chloroethane	2.69	64	921087	145.624	ug/l	100
7) Trichlorofluoromethane	3.01	101	2053561	146.496	ug/l	100
8) Diethyl Ether	3.41	74	742569	155.788	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1271858	145.226	ug/l	99
10) Methyl Iodide	3.95	142	1299088	186.866	ug/l	100
11) Tert butyl alcohol	4.79	59	444017	827.303	ug/l	100
12) 1,1-Dichloroethene	3.73	96	1199706	152.570	ug/l	99
13) Acrolein	3.61	56	248571	847.903	ug/l	98
14) Allyl chloride	4.32	41	1962928	160.202	ug/l	98
15) Acrylonitrile	4.99	53	2186950	801.790	ug/l	99
16) Acetone	3.82	43	1466599	631.086	ug/l	100
17) Carbon Disulfide	4.05	76	3856178	146.287	ug/l	100
18) Methyl Acetate	4.33	43	1138872	142.108	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	3214279	162.510	ug/l	99
20) Methylene Chloride	4.55	84	1330110	140.022	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	1267671	149.598	ug/l	98
22) Diisopropyl ether	5.95	45	3843641	157.407	ug/l	97
23) Vinyl Acetate	5.90	43	12961107	824.209	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2293983	146.329	ug/l	100
25) 2-Butanone	6.84	43	2394140	704.868	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1851001	146.943	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1418419	154.697	ug/l	100
28) Bromochloromethane	7.20	49	973961	146.210	ug/l	99
29) Tetrahydrofuran	7.21	42	1578590	810.612	ug/l	99
30) Chloroform	7.37	83	2250825	144.993	ug/l	100
31) Cyclohexane	7.65	56	2158222	138.592	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1977790	148.327	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1825143	155.405	ug/l	100
37) Ethyl Acetate	6.93	43	1058402	163.767	ug/l	99
38) Carbon Tetrachloride	7.77	117	1796646	151.341	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050784.D
 Acq On : 21 Aug 2018 11:58
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 22 03:33:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 03:28:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2112967	166.299	ug/l	98
40) Benzene	8.04	78	5380974	151.942	ug/l	100
41) Methacrylonitrile	7.17	41	570589	167.021	ug/l	98
42) 1,2-Dichloroethane	8.12	62	1574302	148.684	ug/l	100
43) Isopropyl Acetate	8.17	43	1914198	165.023	ug/l	100
44) Trichloroethene	8.84	130	1434087	153.539	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1406447	151.104	ug/l	99
46) Dibromomethane	9.21	93	821386	150.190	ug/l	99
47) Bromodichloromethane	9.40	83	1772831	154.767	ug/l	98
48) Methyl methacrylate	9.20	41	994039	168.152	ug/l	99
49) 1,4-Dioxane	9.20	88	276222	3427.587	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	5311308	767.305	ug/l	99
52) Toluene	10.16	92	3364127	160.354	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1913434	167.822	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2149224	164.614	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1171236	150.416	ug/l	99
56) Ethyl methacrylate	10.43	69	1585143	179.493	ug/l	99
57) 1,3-Dichloropropane	10.71	76	2007526	156.198	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3461787	918.042	ug/l	100
59) 2-Hexanone	10.75	43	3622940	786.204	ug/l	98
60) Dibromochloromethane	10.90	129	1395111	160.019	ug/l	99
61) 1,2-Dibromoethane	11.01	107	1215701	161.458	ug/l	99
64) Tetrachloroethene	10.63	164	1289719	142.318	ug/l	99
65) Chlorobenzene	11.43	112	3766580	151.036	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1374065	150.591	ug/l	100
67) Ethyl Benzene	11.51	91	6537245	161.243	ug/l	99
68) m/p-Xylenes	11.62	106	5044333	327.790	ug/l	99
69) o-Xylene	11.95	106	2445851	165.319	ug/l	99
70) Styrene	11.96	104	3978019	171.995	ug/l	99
71) Bromoform	12.13	173	1021175	162.742	ug/l #	100
73) Isopropylbenzene	12.25	105	6442458	149.135	ug/l	100
74) N-amyl acetate	12.07	43	1733290	159.687	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1507594	129.522	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1887837	213.425	ug/l #	100
77) Bromobenzene	12.53	156	1687605	143.743	ug/l	99
78) n-propylbenzene	12.59	91	7462704	154.643	ug/l	99
79) 2-Chlorotoluene	12.68	91	4374986	145.546	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	5361429	153.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	446447	165.168	ug/l	97
82) 4-Chlorotoluene	12.77	91	4533273	152.764	ug/l	100
83) tert-Butylbenzene	12.99	119	4701609	155.747	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	5484955	156.435	ug/l	99
85) sec-Butylbenzene	13.17	105	6174842	156.101	ug/l	100
86) p-Isopropyltoluene	13.29	119	5477278	162.503	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2988215	149.985	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2915910	148.709	ug/l	100
89) n-Butylbenzene	13.62	91	4654487	172.660	ug/l	99
90) Hexachloroethane	13.88	117	977114	140.066	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2782636	144.767	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	230788	148.759	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
Data File : VN050784.D
Acq On : 21 Aug 2018 11:58
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Aug 22 03:33:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 03:28:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1620900	193.730	ug/l	99
94) Hexachlorobutadiene	15.01	225	838131	133.729	ug/l	99
95) Naphthalene	15.13	128	3478702	210.740	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1496983	183.743	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

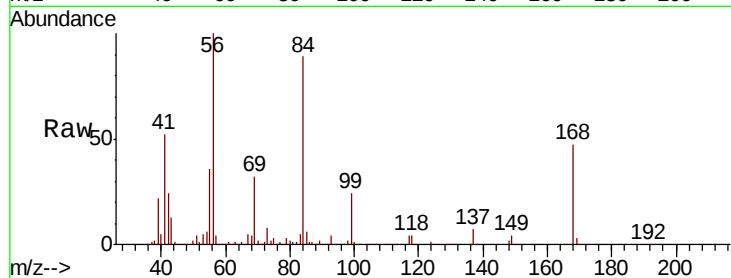
VSTDIC150

Tot Ion:168 Resp: 700112

Ion Ratio Lower Upper

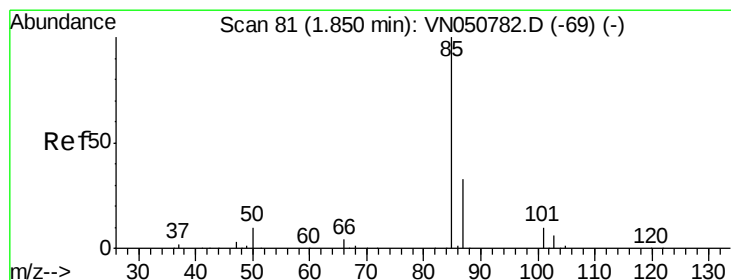
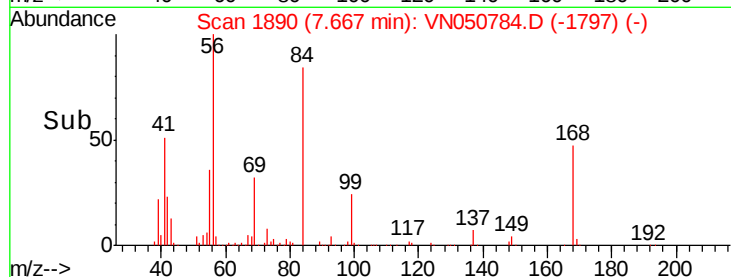
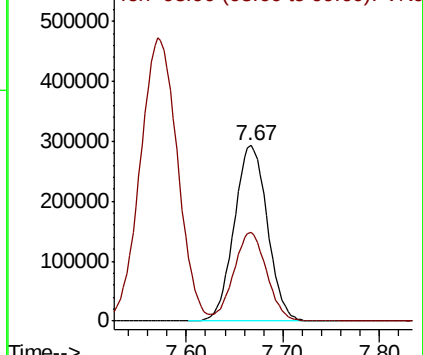
168 100

99 50.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 160.853 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050784.D

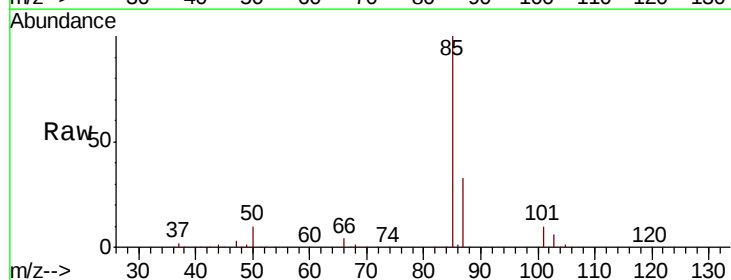
Acq: 21 Aug 2018 11:58

Tgt Ion: 85 Resp: 1507085

Ion Ratio Lower Upper

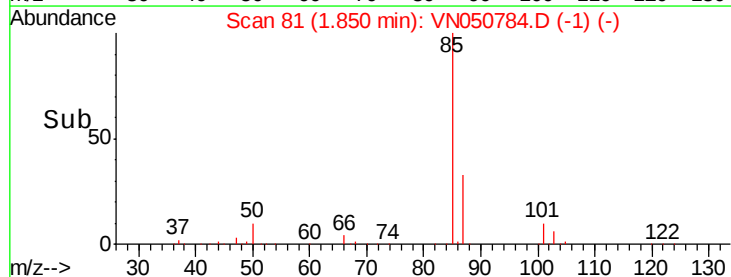
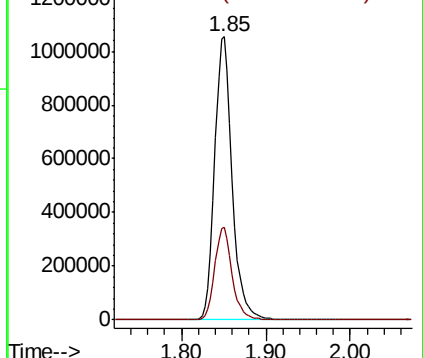
85 100

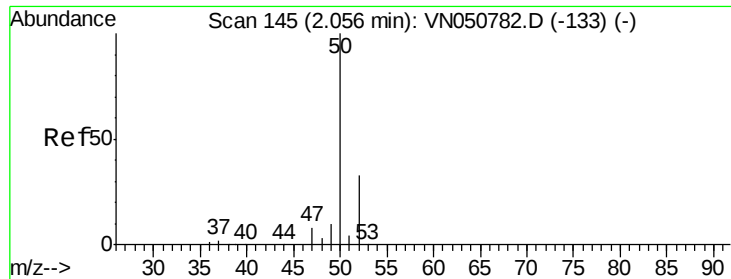
87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 145.528 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

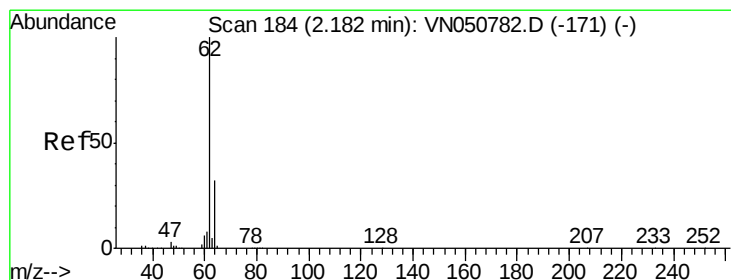
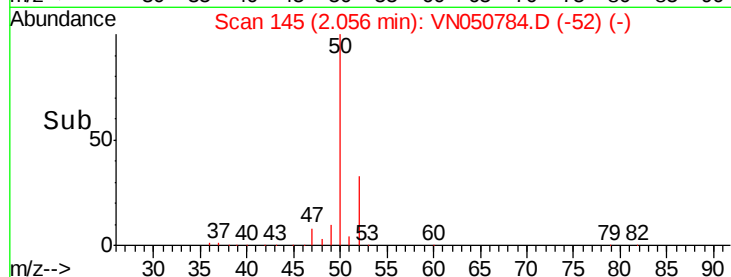
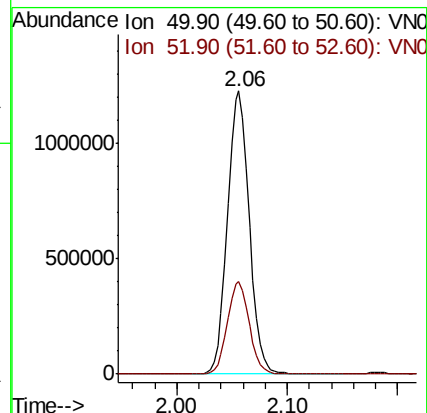
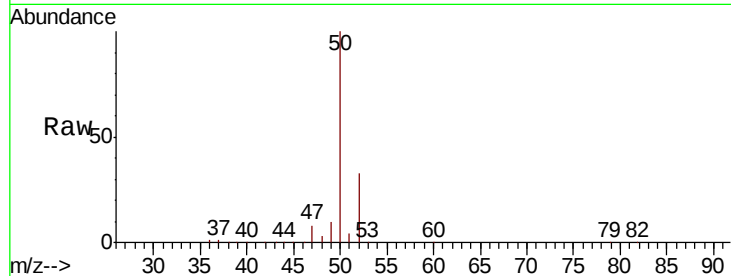
VSTDIC150

Tot Ion: 50 Resp: 1681766

Ion Ratio Lower Upper

50 100

52 32.8 26.3 39.5



#4

Vinyl Chloride

Concen: 149.114 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050784.D

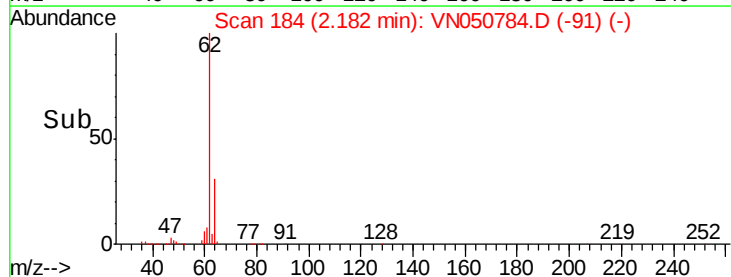
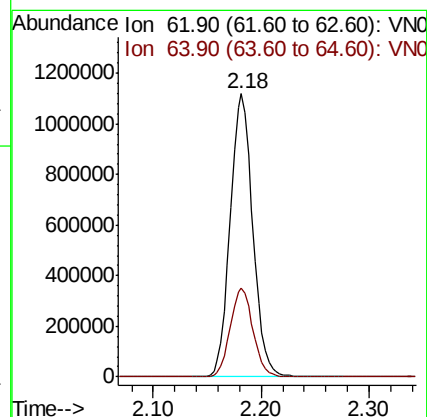
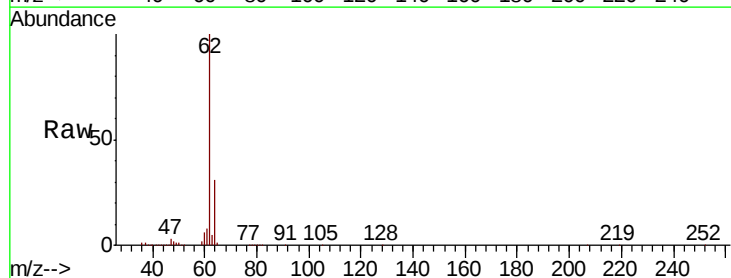
Acq: 21 Aug 2018 11:58

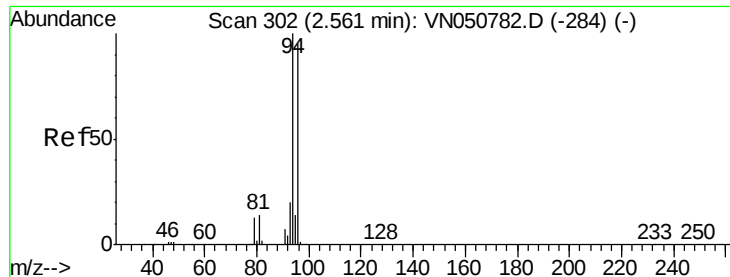
Tgt Ion: 62 Resp: 1632358

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 129.039 ug/l

RT: 2.54 min Scan# 295

Delta R.T. -0.02 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampled :

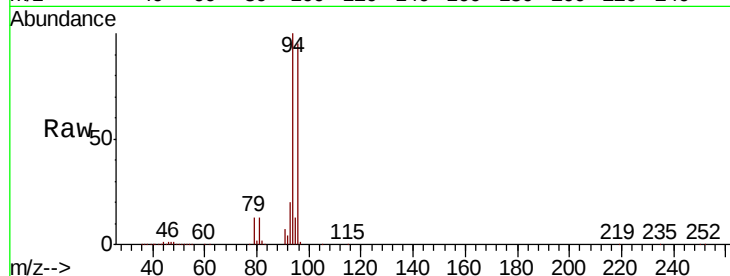
VSTDIC150

Tot Ion: 94 Resp: 909235

Ion Ratio Lower Upper

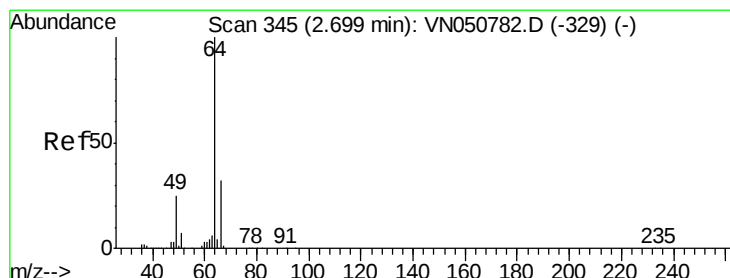
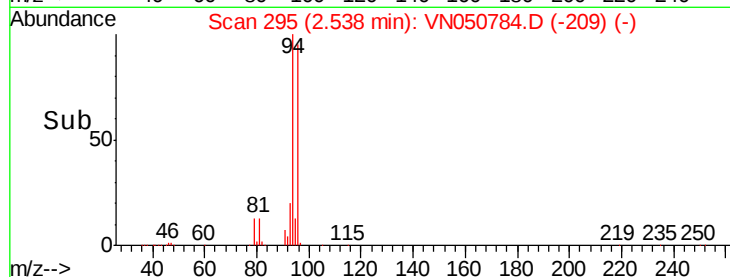
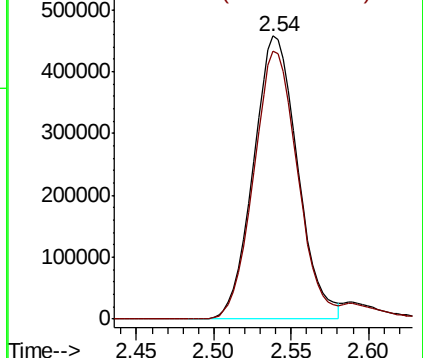
94 100

96 94.6 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 145.624 ug/l

RT: 2.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VN050784.D

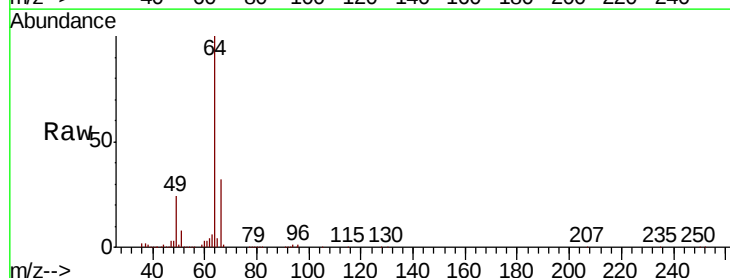
Acq: 21 Aug 2018 11:58

Tgt Ion: 64 Resp: 921087

Ion Ratio Lower Upper

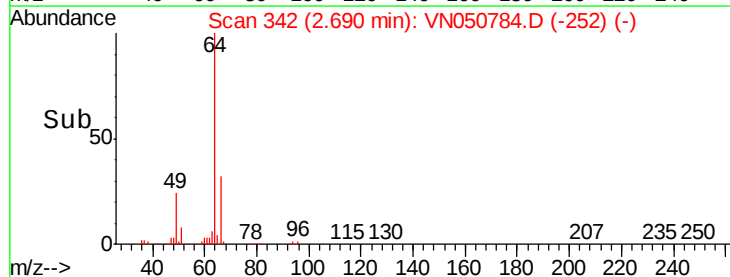
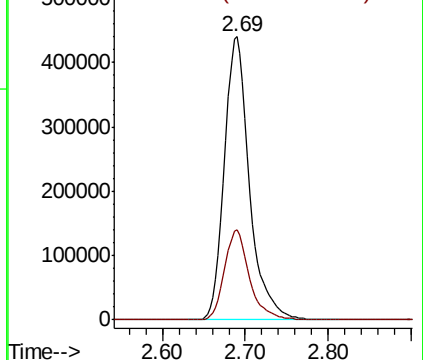
64 100

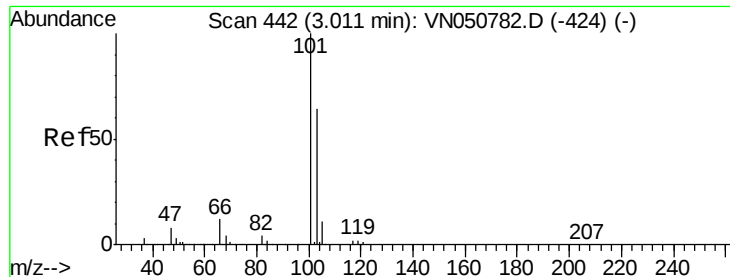
66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



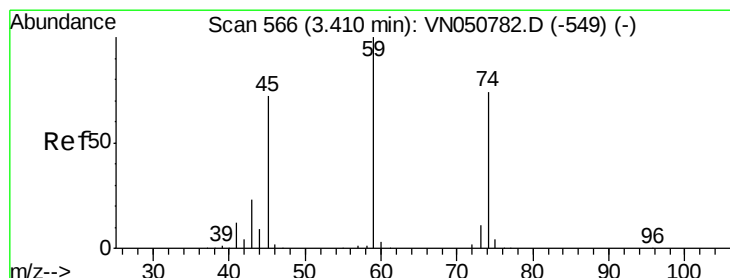
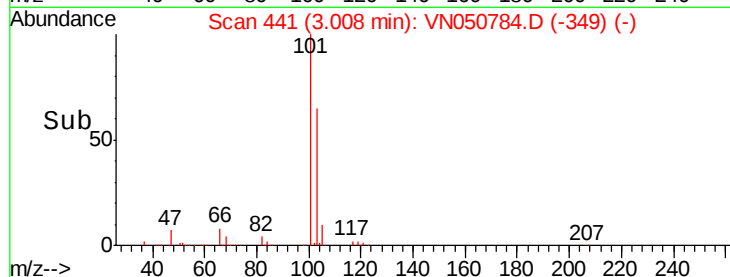
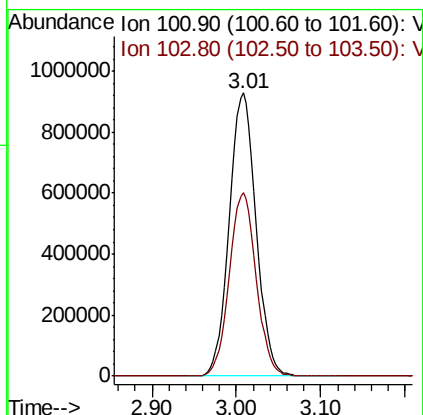
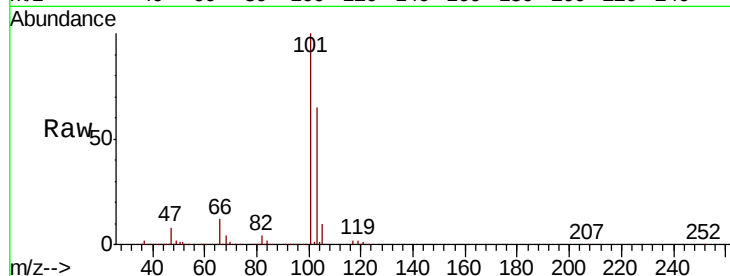


#7

Trichlorofluoromethane
Concen: 146.496 ug/l
RT: 3.01 min Scan# 441
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

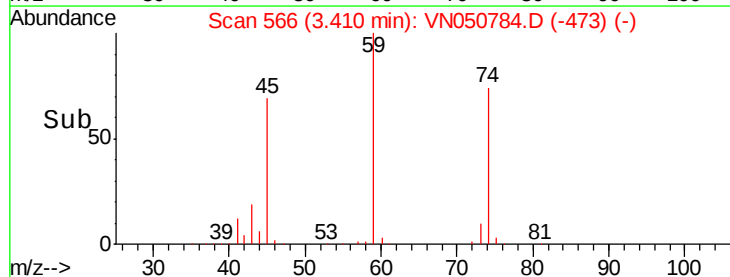
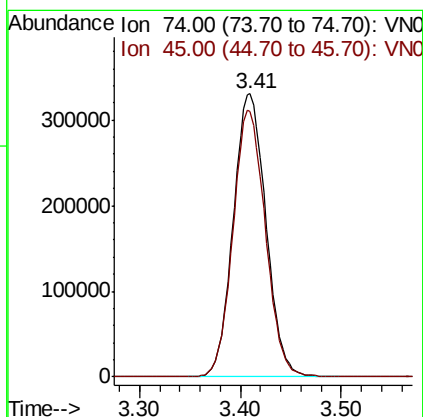
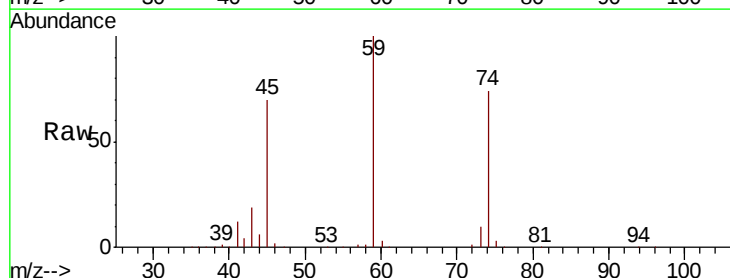
Tot Ion:101 Resp: 2053561
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

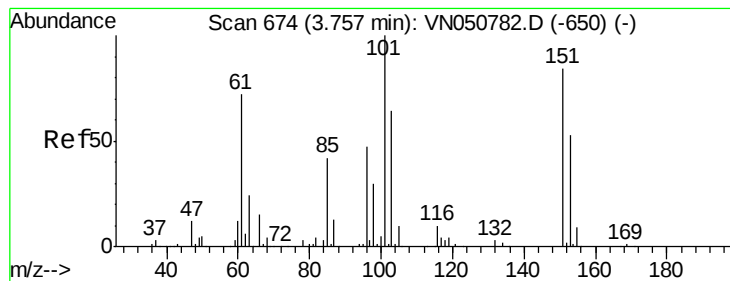


#8

Diethyl Ether
Concen: 155.788 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion: 74 Resp: 742569
Ion Ratio Lower Upper
74 100
45 93.6 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 145.226 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

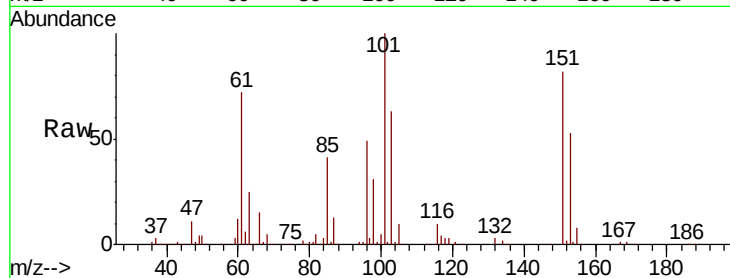
Tot Ion:101 Resp: 1271858

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

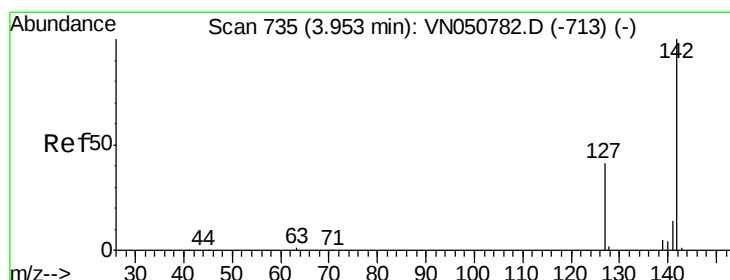
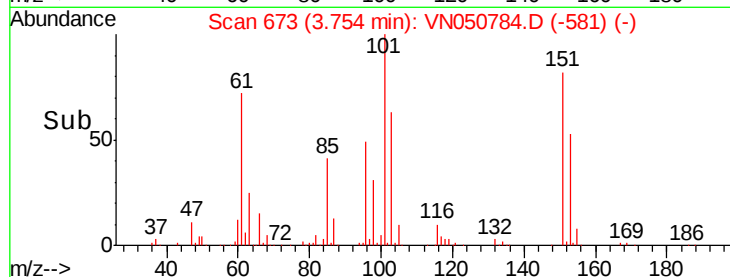
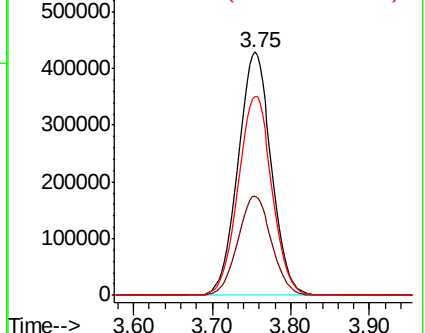
151 83.3 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 186.866 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

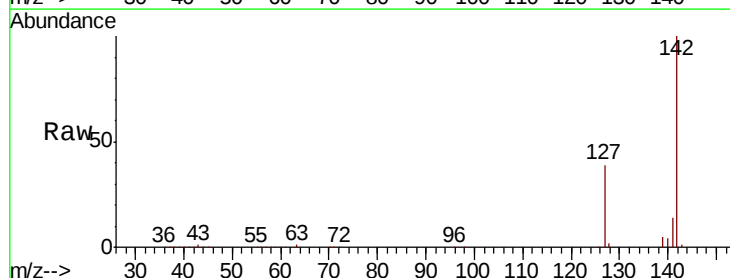
Tgt Ion:142 Resp: 1299088

Ion Ratio Lower Upper

142 100

127 39.7 31.7 47.5

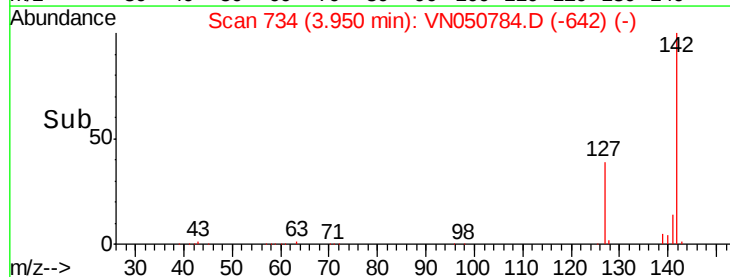
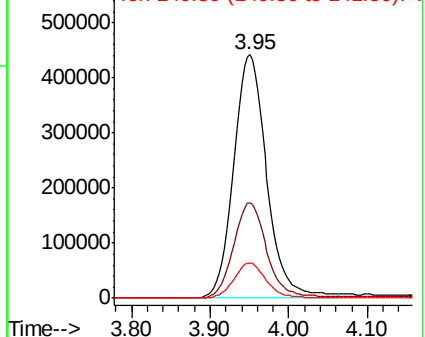
141 14.2 11.4 17.0

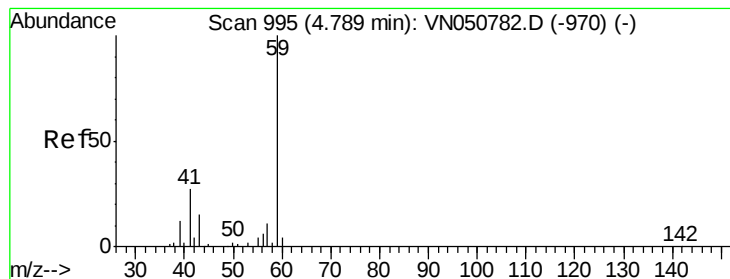


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



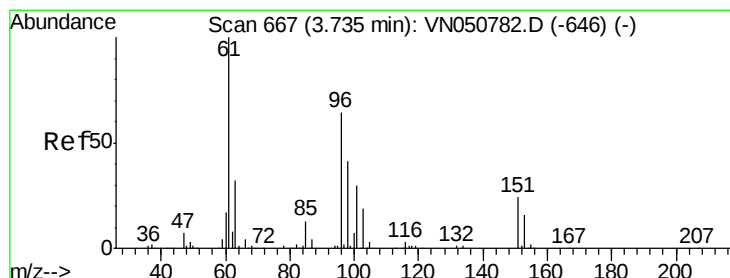
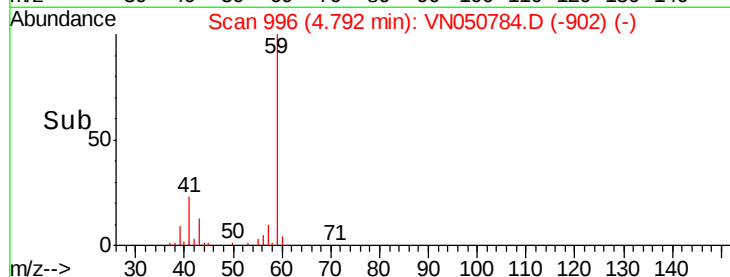
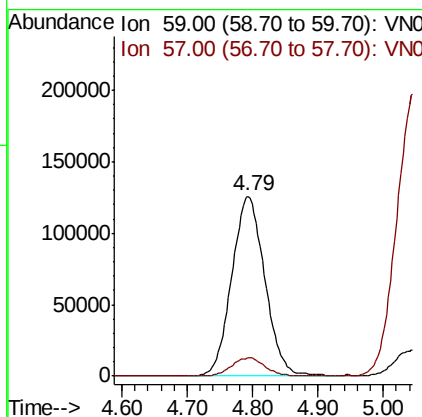
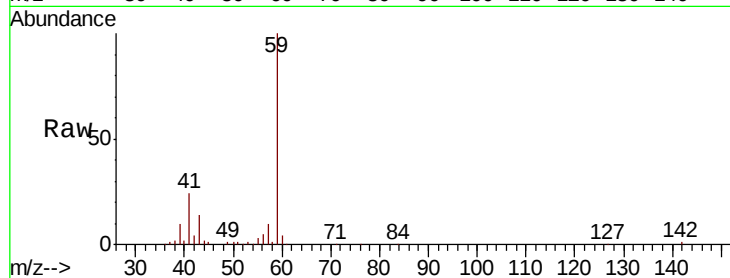


#11

Tert butyl alcohol
Concen: 827.303 ug/l
RT: 4.79 min Scan# 996
Delta R.T. 0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

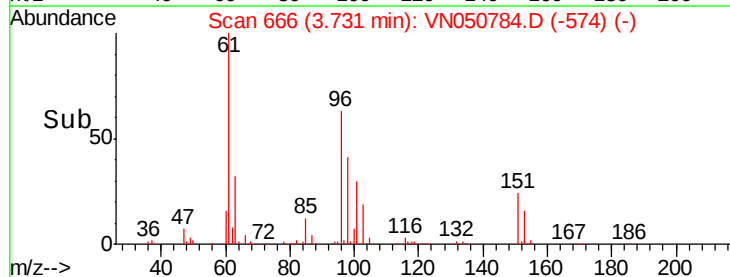
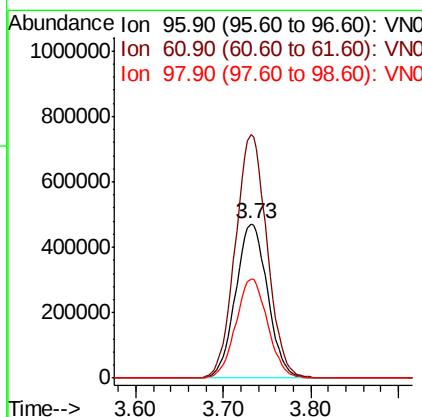
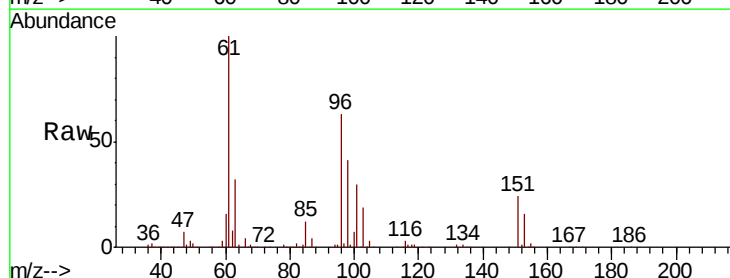
Tot Ion: 59 Resp: 444017
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12

1,1-Dichloroethene
Concen: 152.570 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion: 96 Resp: 1199706
Ion Ratio Lower Upper
96 100
61 158.1 124.9 187.3
98 64.5 51.1 76.7





#13

Acrolein

Concen: 847.903 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

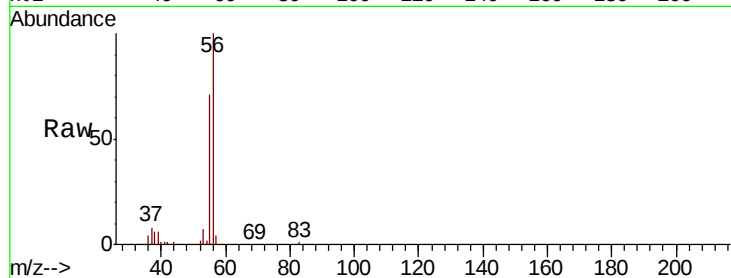
VSTDIC150

Tot Ion: 56 Resp: 248571

Ion Ratio Lower Upper

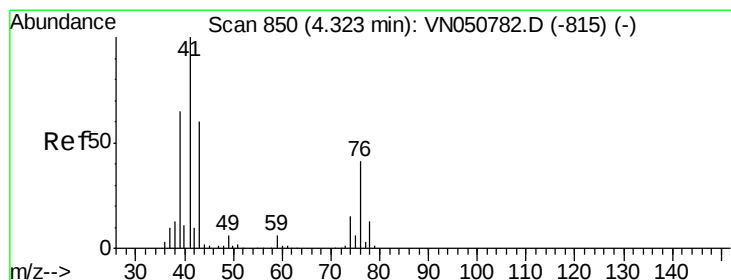
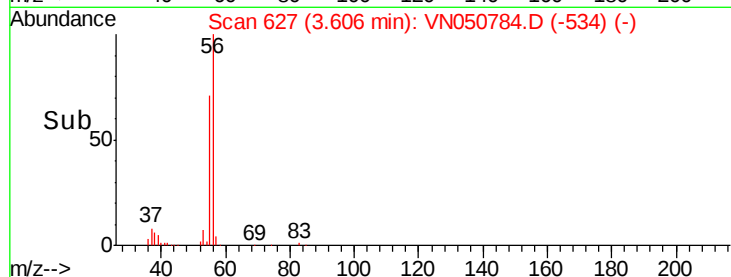
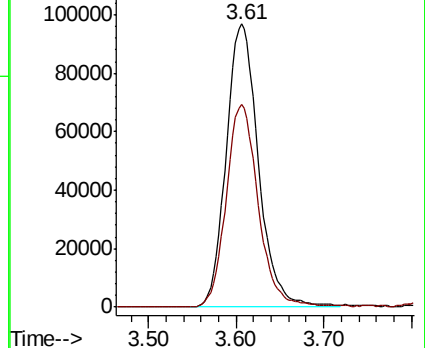
56 100

55 70.8 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 160.202 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

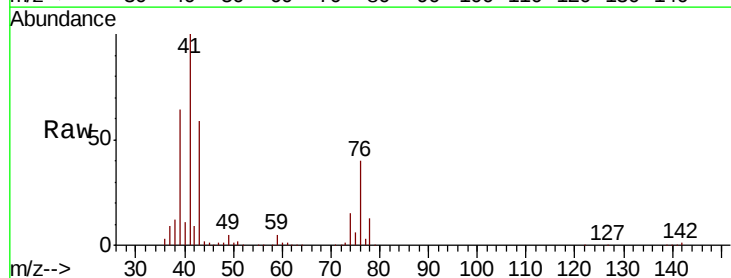
Tgt Ion: 41 Resp: 1962928

Ion Ratio Lower Upper

41 100

39 60.9 50.2 75.2

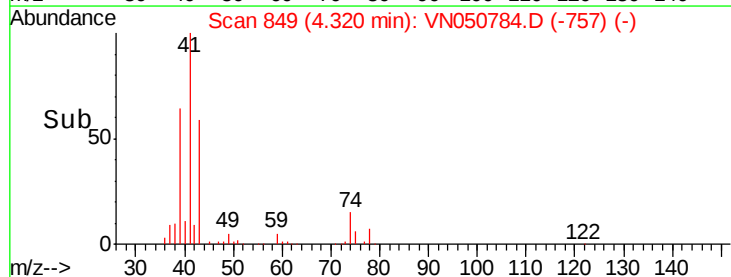
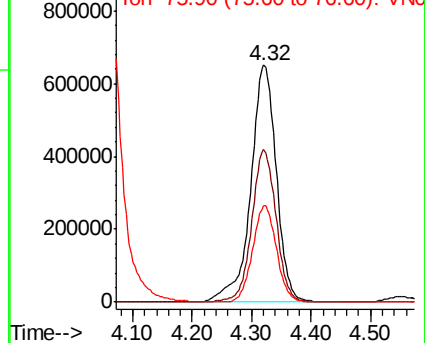
76 37.6 29.8 44.8

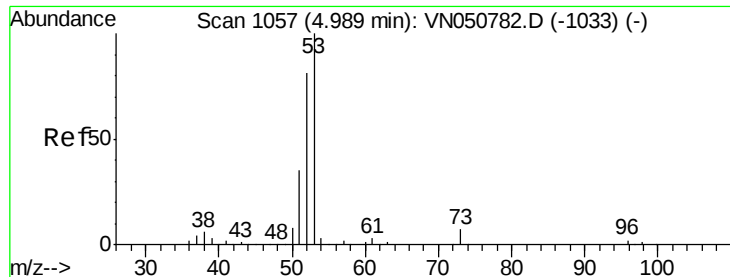


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 801.790 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

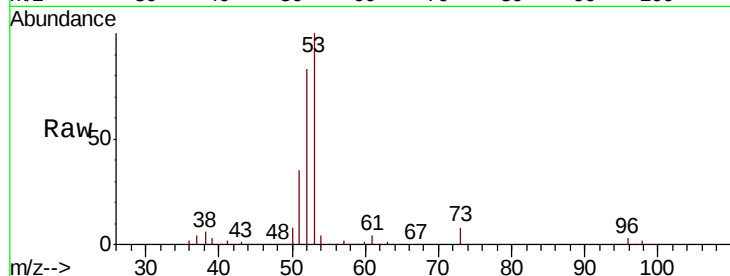
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 2186950

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.9	98.9
51	35.4	28.6	43.0

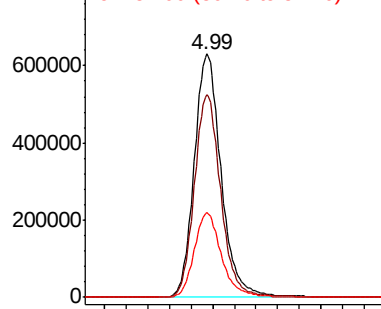


Abundance

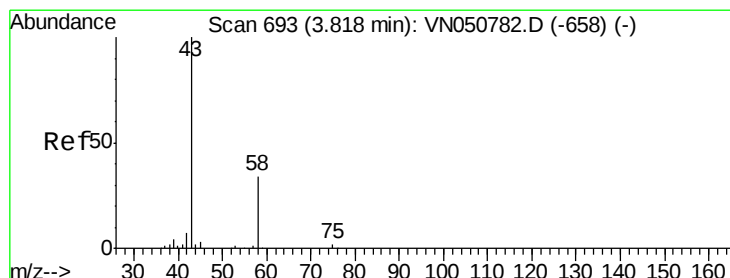
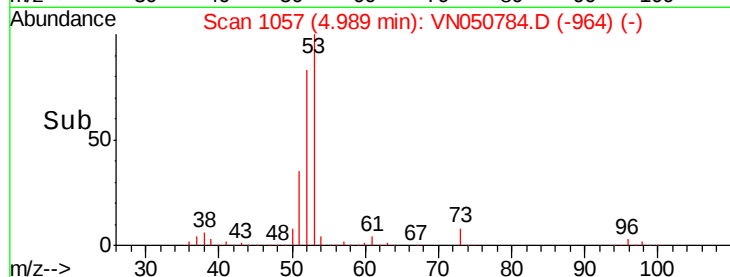
Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->



#16

Acetone

Concen: 631.086 ug/l

RT: 3.82 min Scan# 693

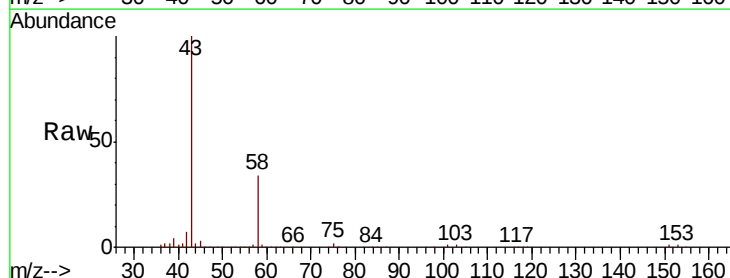
Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Tgt Ion: 43 Resp: 1466599

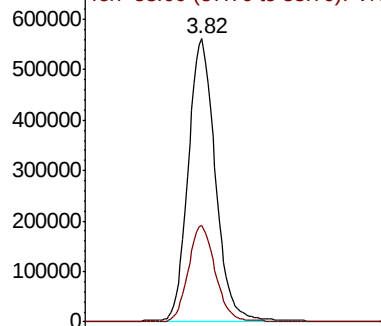
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.2	40.8



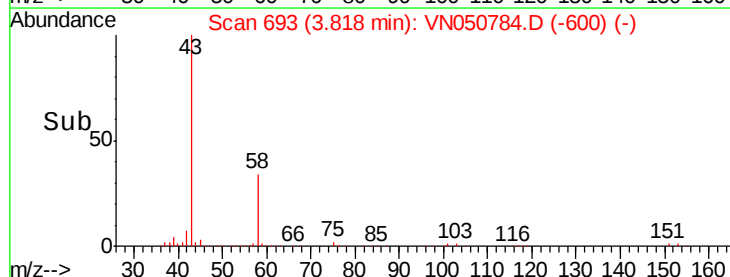
Abundance

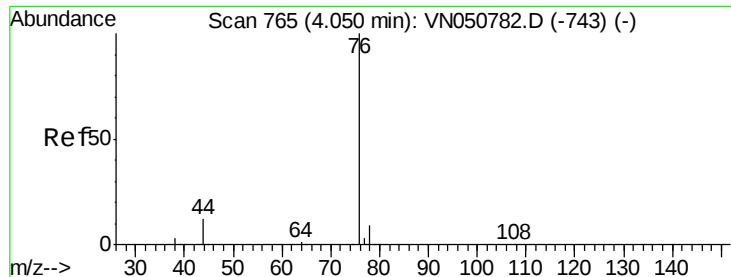
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

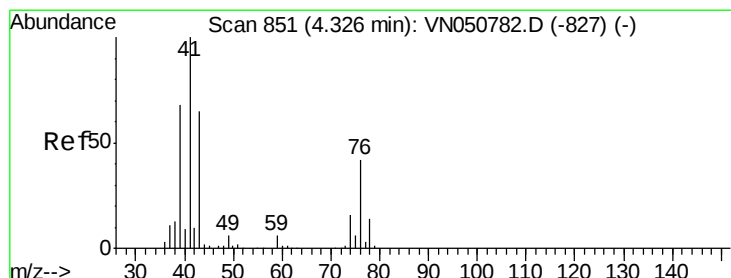
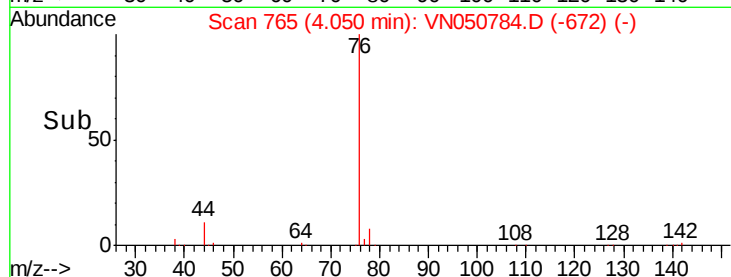
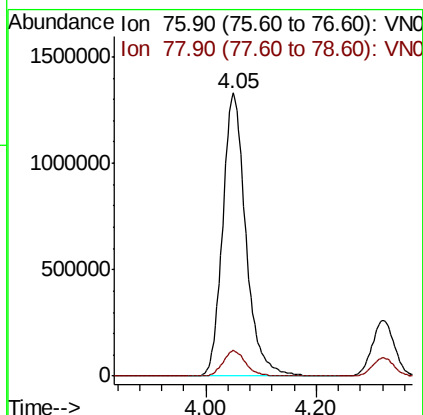
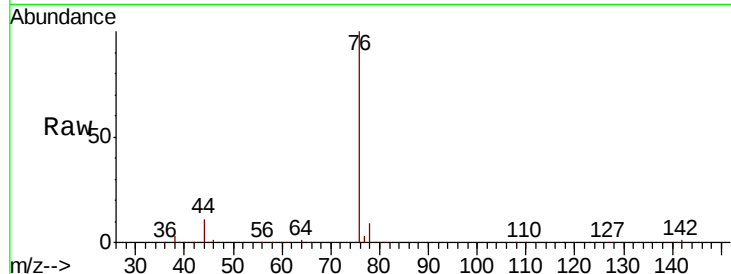




#17
Carbon Disulfide
Concen: 146.287 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

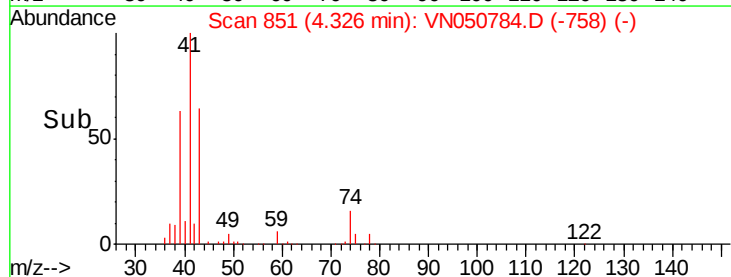
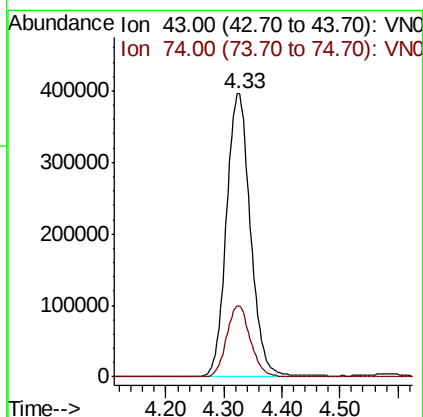
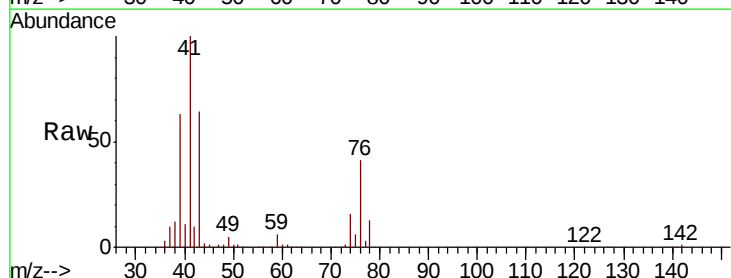
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 3856178
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 142.108 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion: 43 Resp: 1138872
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.8



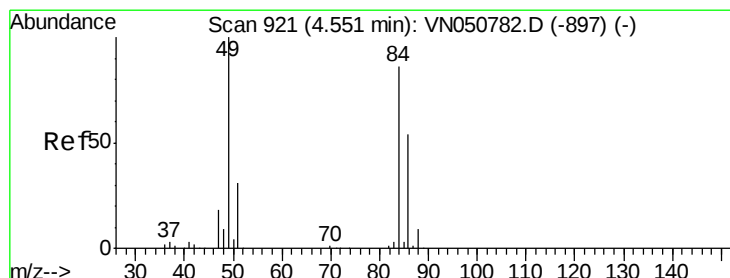
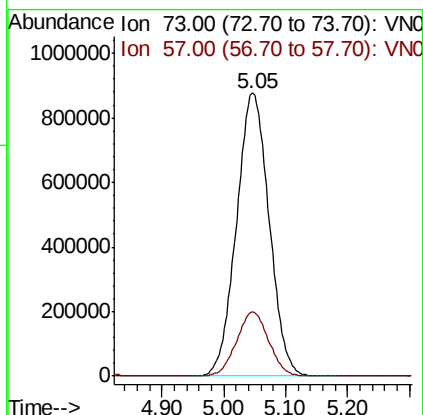
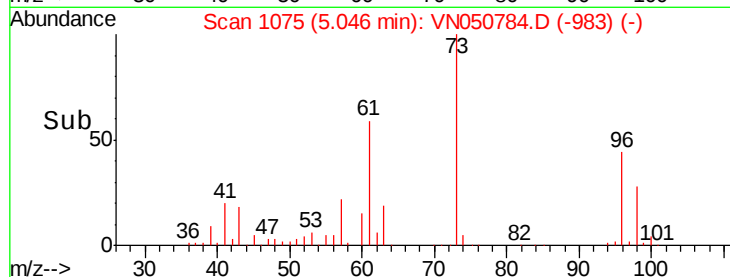
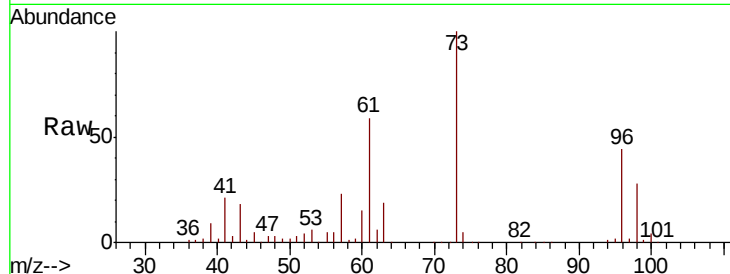


#19

Methyl tert-butyl Ether
 Concen: 162.510 ug/l
 RT: 5.05 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

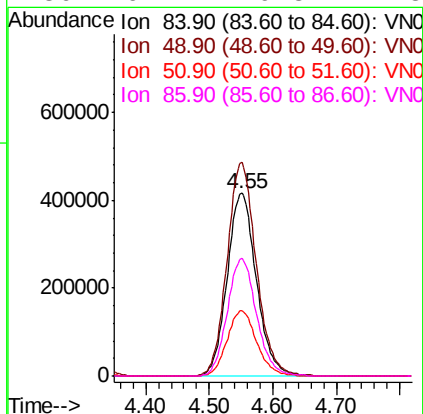
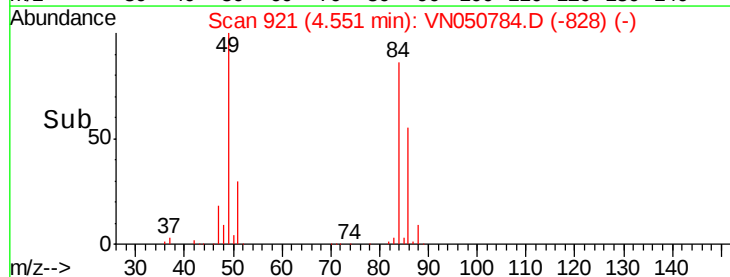
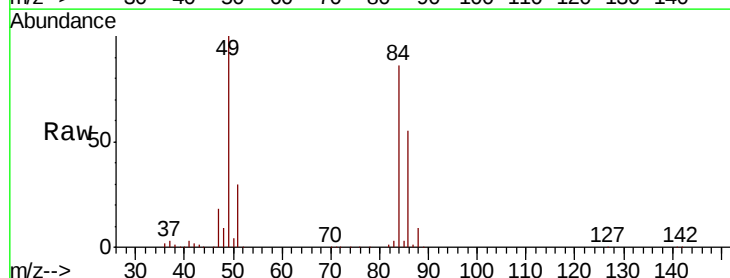
Tot Ion: 73 Resp: 3214279
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.8 26.8

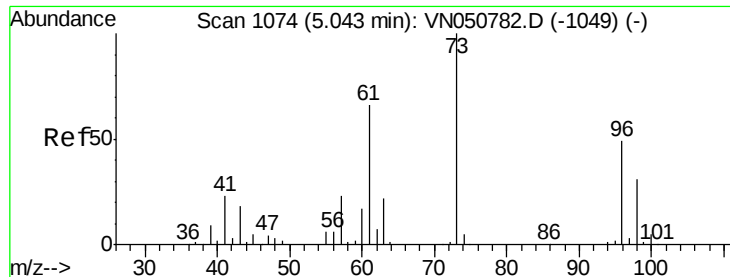


#20

Methylene Chloride
 Concen: 140.022 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Tgt Ion: 84 Resp: 1330110
 Ion Ratio Lower Upper
 84 100
 49 116.8 93.2 139.8
 51 35.6 29.0 43.6
 86 64.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 149.598 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

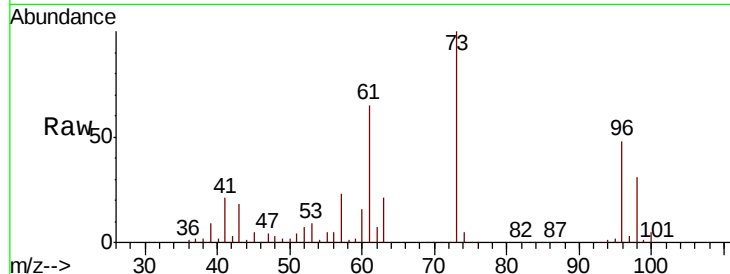
Tot Ion: 96 Resp: 1267671

Ion Ratio Lower Upper

96 100

61 136.0 107.4 161.0

98 64.7 50.7 76.1

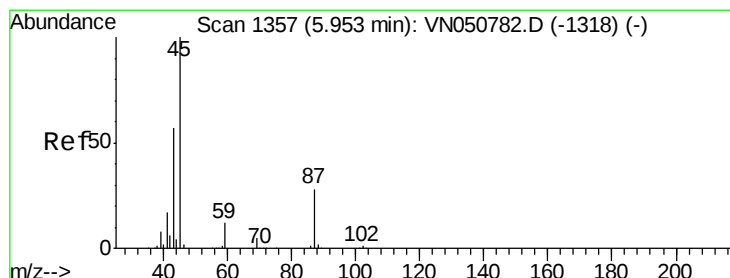
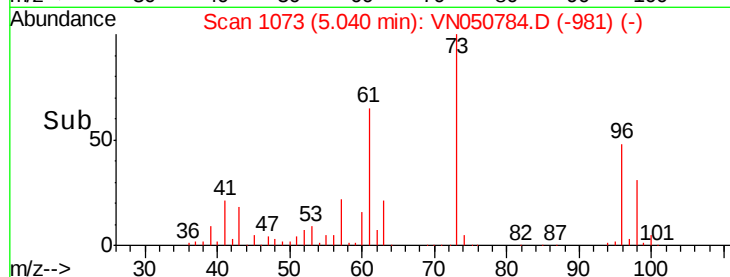
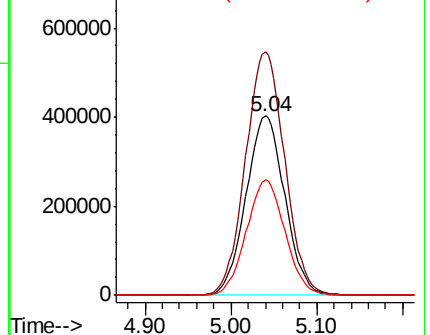


Abundance

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: 157.407 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Tgt Ion: 45 Resp: 3843641

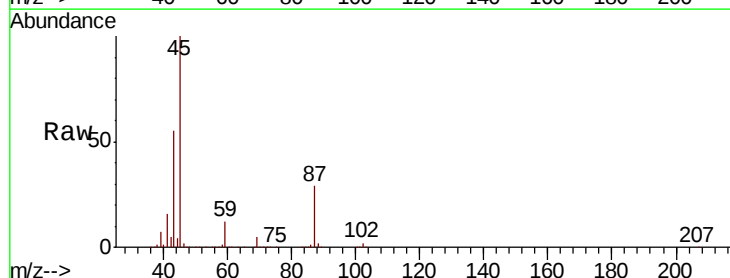
Ion Ratio Lower Upper

45 100

43 54.4 45.9 68.9

87 28.8 22.7 34.1

59 12.2 9.3 13.9



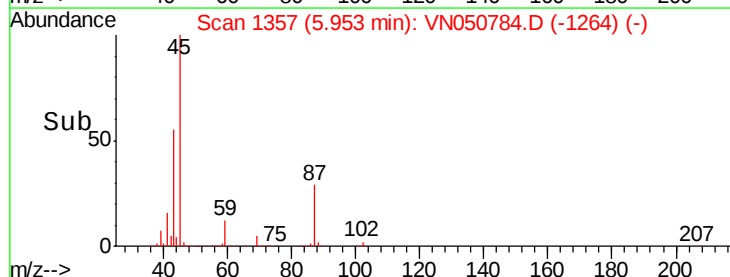
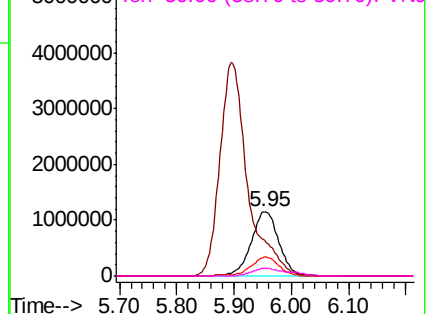
Abundance

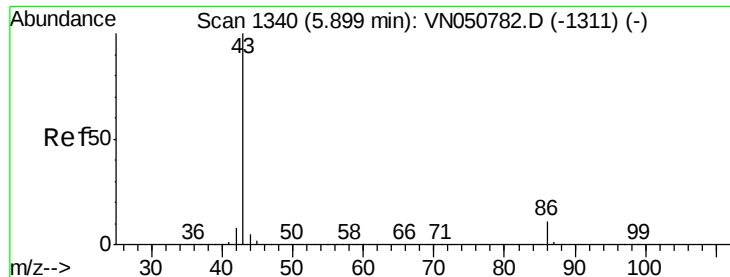
Ion 45.00 (44.70 to 45.70): VN0

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: 824.209 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

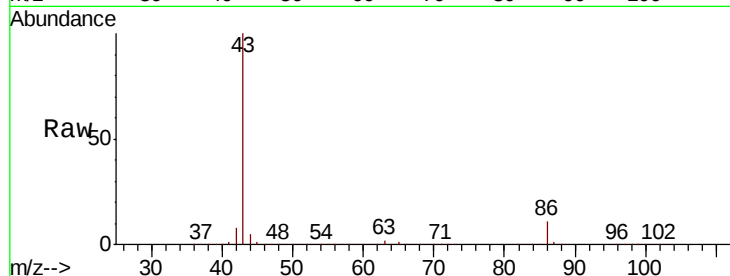
VSTDIC150

Tot Ion: 43 Resp:12961107

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN050784.D (-1339) (-)

Ion 86.00 (85.70 to 86.70): VN050784.D (-1339) (-)

5.90

4000000

3000000

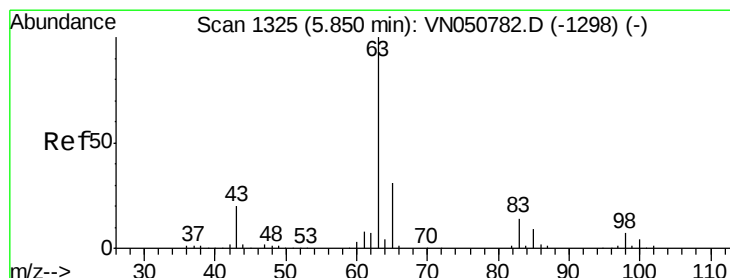
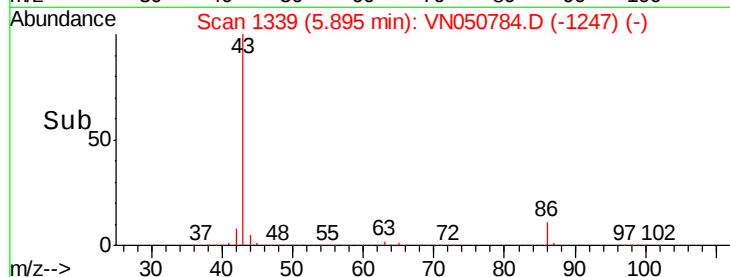
2000000

1000000

0

Time-->

5.80 6.00 6.20



#24

1,1-Dichloroethane

Concen: 146.329 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

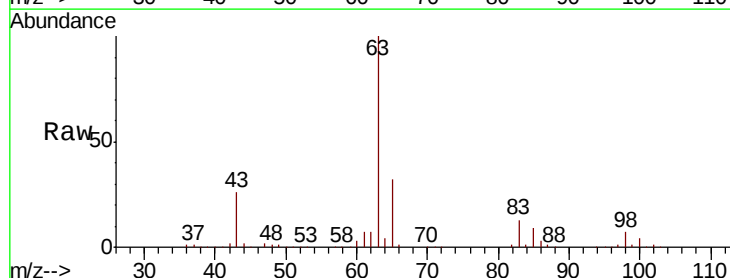
Tgt Ion: 63 Resp: 2293983

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.2 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN050784.D (-1325) (-)

Ion 97.90 (97.60 to 98.60): VN050784.D (-1325) (-)

Ion 99.90 (99.60 to 100.60): VN050784.D (-1325) (-)

1000000

800000

600000

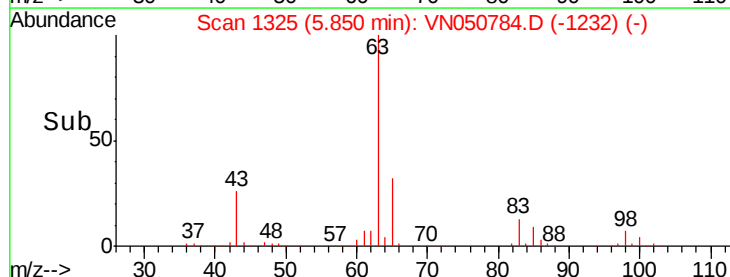
400000

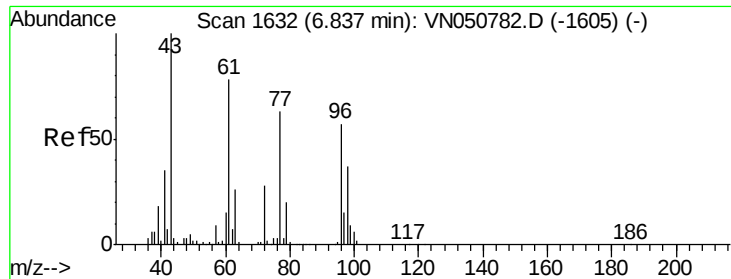
200000

0

Time-->

5.70 5.80 5.90 6.00

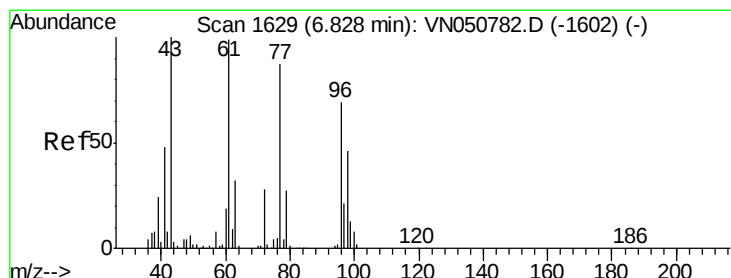
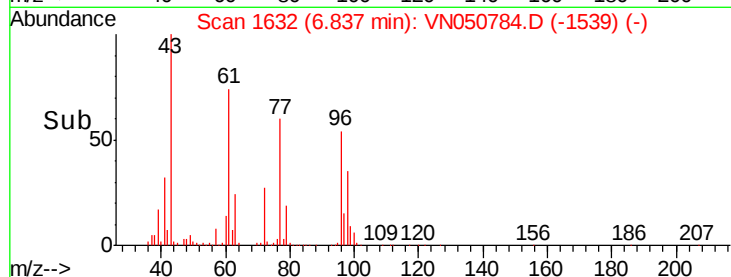
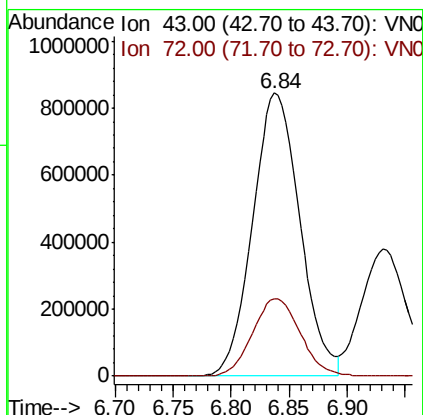
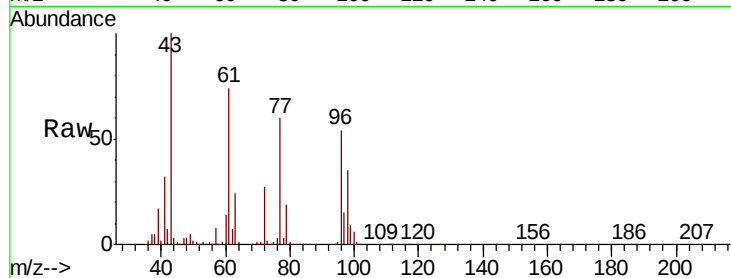




#25
 2-Butanone
 Concen: 704.868 ug/l
 RT: 6.84 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

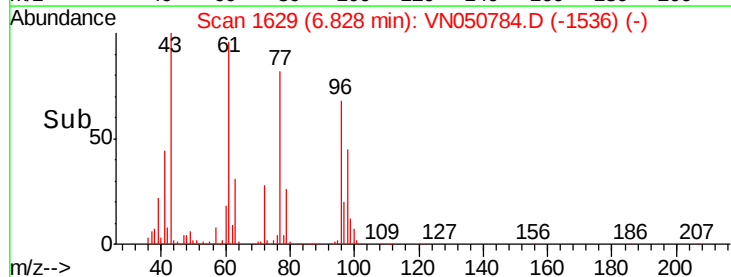
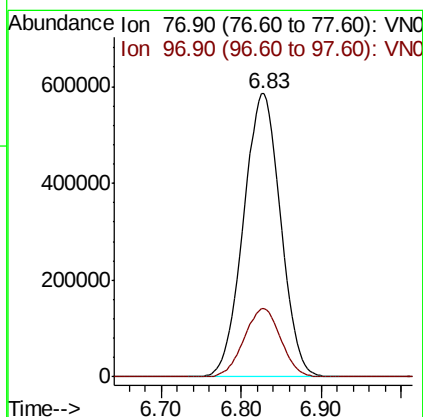
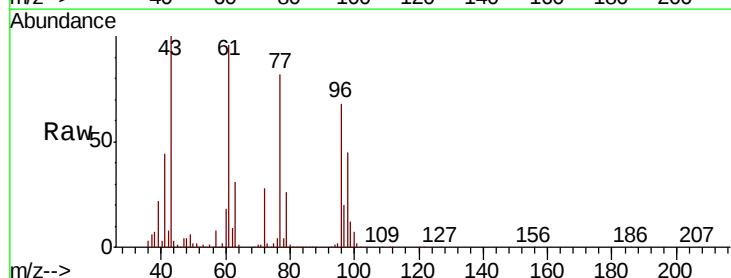
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

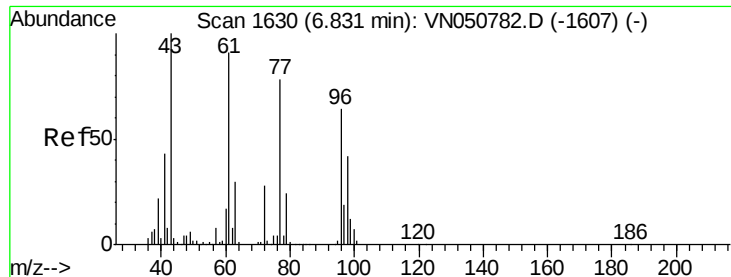
Tot Ion: 43 Resp: 2394140
 Ion Ratio Lower Upper
 43 100
 72 27.4 22.3 33.5



#26
 2,2-Dichloropropane
 Concen: 146.943 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Tgt Ion: 77 Resp: 1851001
 Ion Ratio Lower Upper
 77 100
 97 23.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 154.697 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

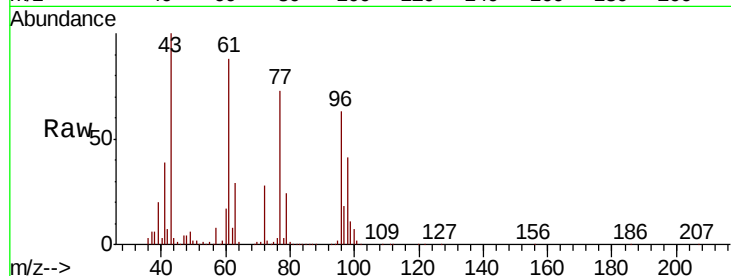
Tot Ion: 96 Resp: 1418419

Ion Ratio Lower Upper

96 100

61 141.6 0.0 283.4

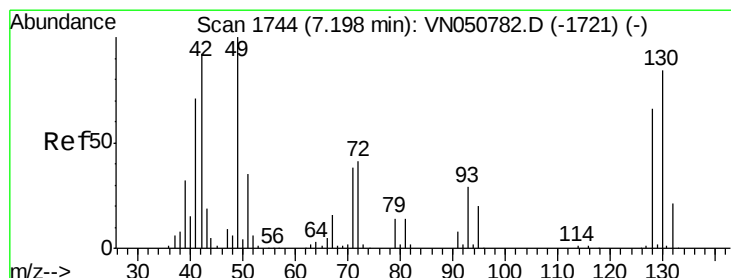
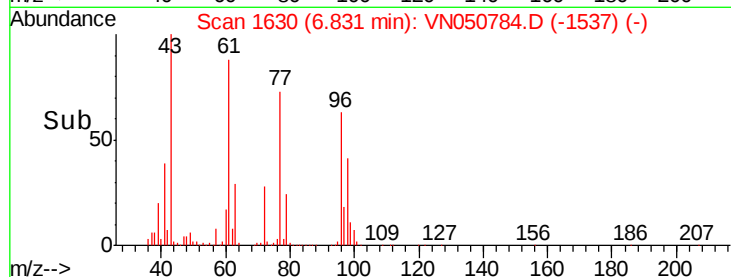
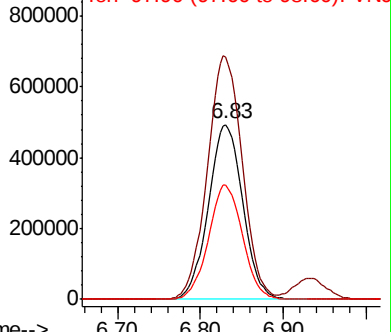
98 64.8 0.0 129.8



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: 146.210 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

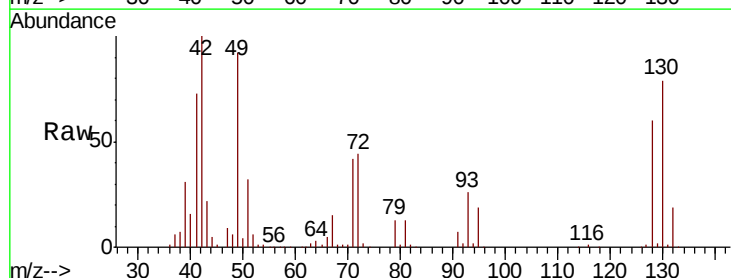
Tgt Ion: 49 Resp: 973961

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

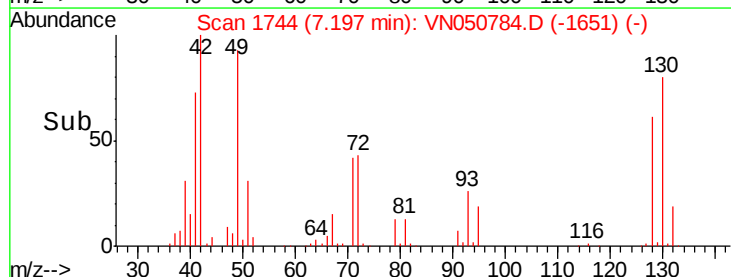
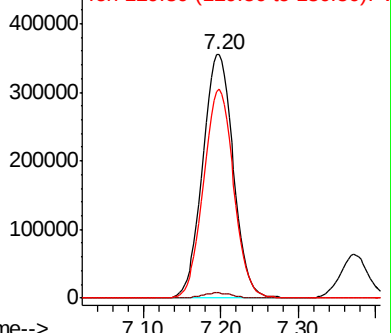
130 84.4 67.1 100.7

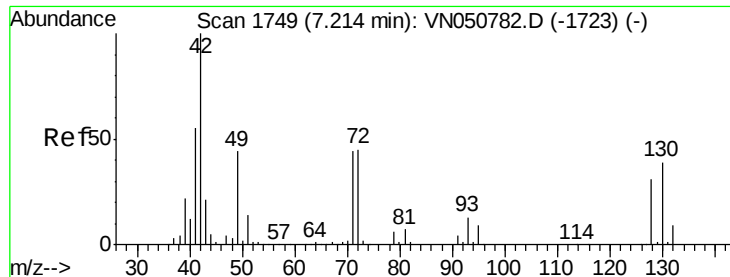


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 810.612 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

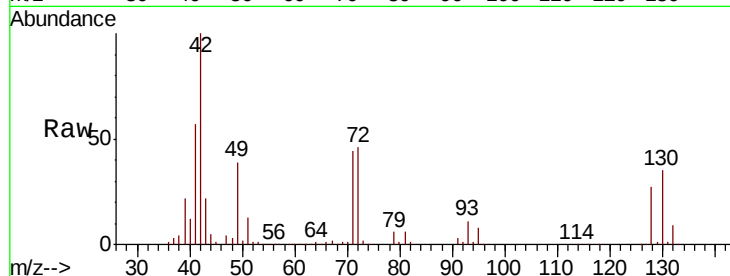
Tot Ion: 42 Resp: 1578590

Ion Ratio Lower Upper

42 100

72 44.8 35.5 53.3

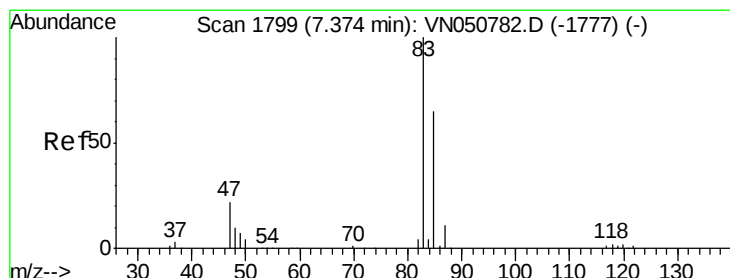
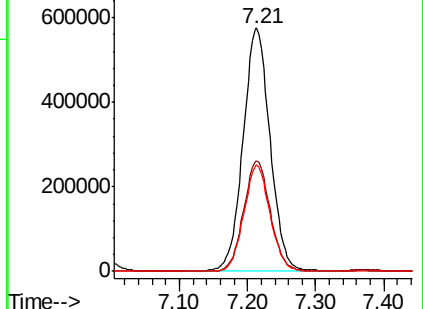
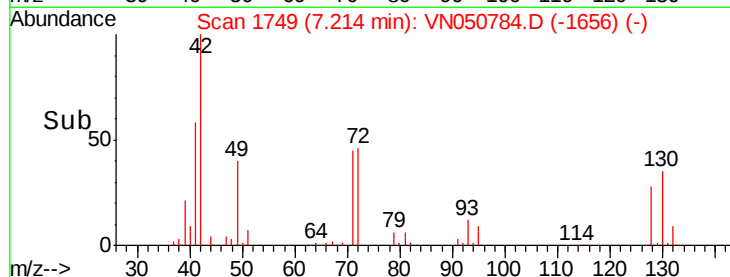
71 42.5 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN050784.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN050784.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN050784.D (-1656) (-)



#30

Chloroform

Concen: 144.993 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050784.D

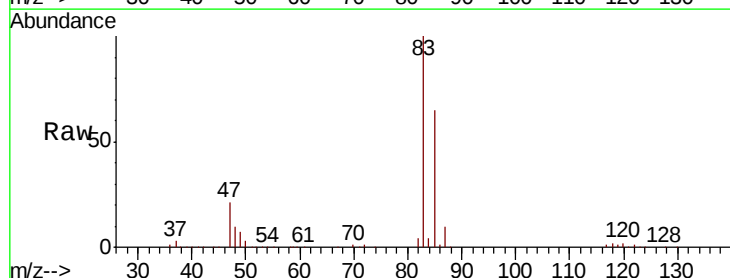
Acq: 21 Aug 2018 11:58

Tgt Ion: 83 Resp: 2250825

Ion Ratio Lower Upper

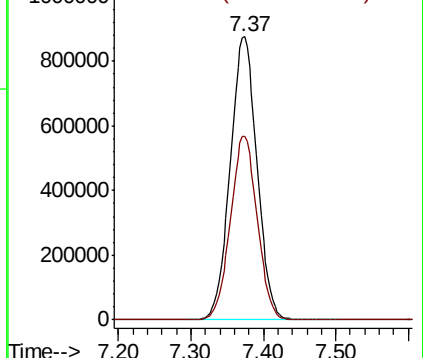
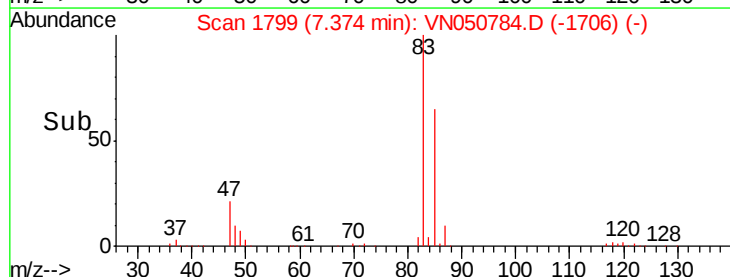
83 100

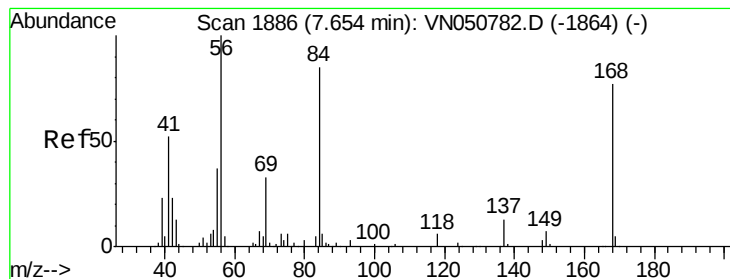
85 65.0 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN050784.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN050784.D (-1706) (-)





#31

Cyclohexane

Concen: 138.592 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

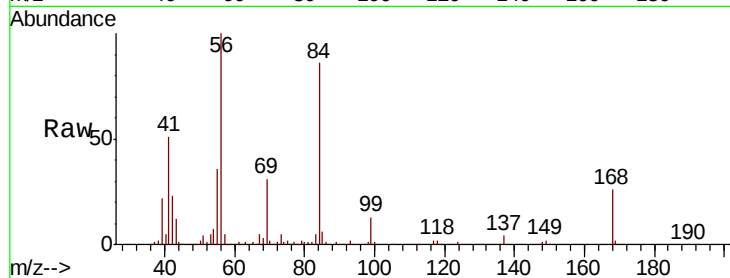
Tot Ion: 56 Resp: 2158222

Ion Ratio Lower Upper

56 100

69 30.8 26.2 39.4

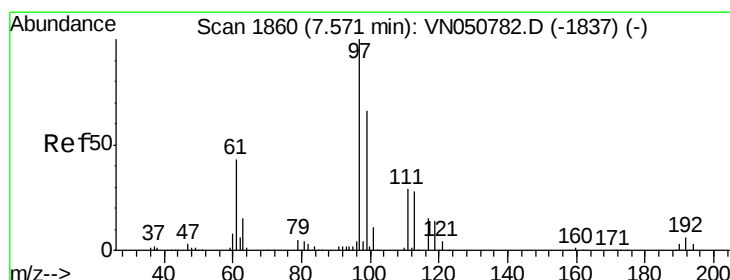
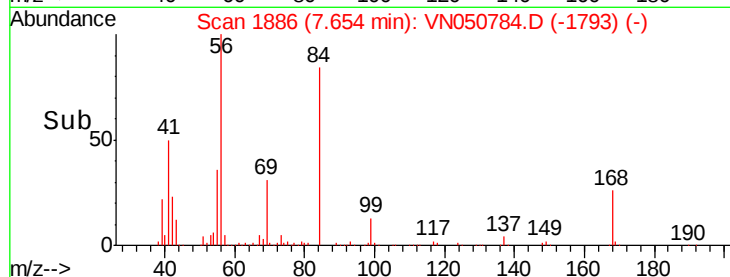
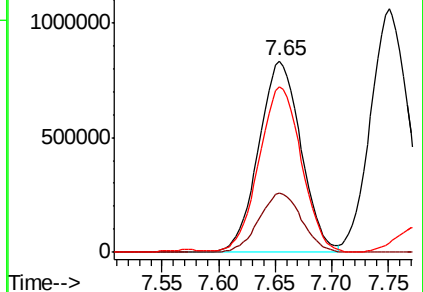
84 85.1 68.3 102.5



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: 148.327 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

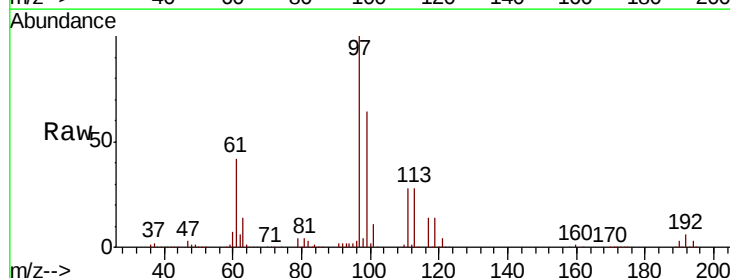
Tgt Ion: 97 Resp: 1977790

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

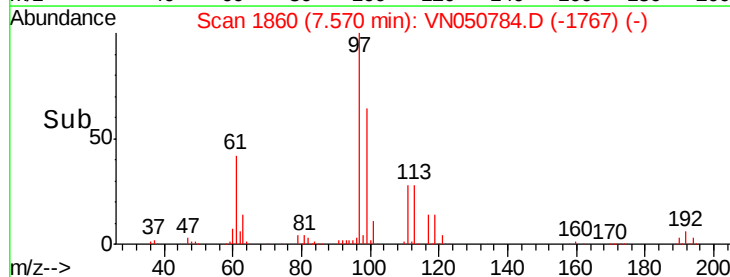
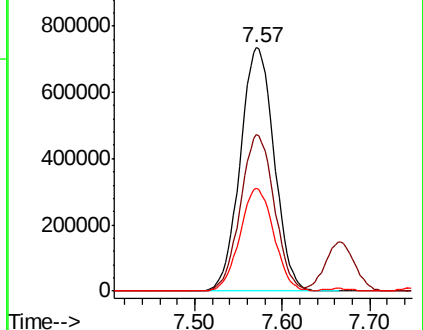
61 42.2 34.9 52.3



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

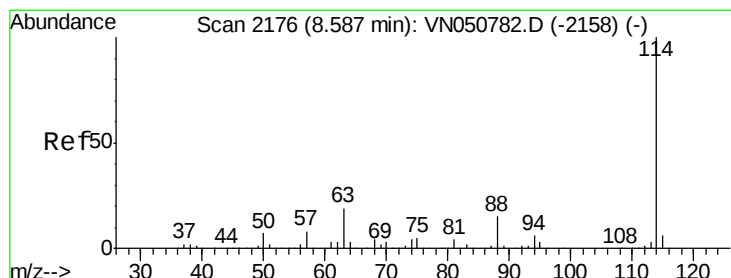
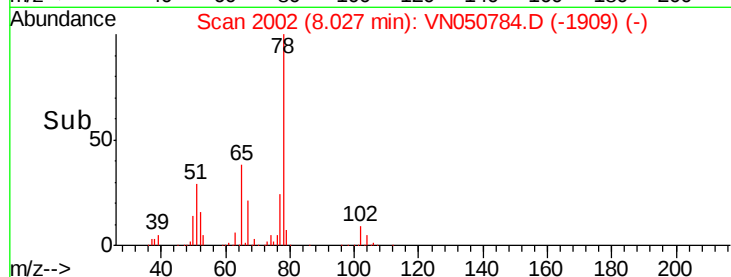
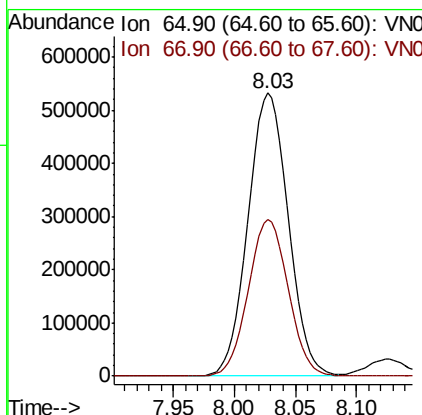
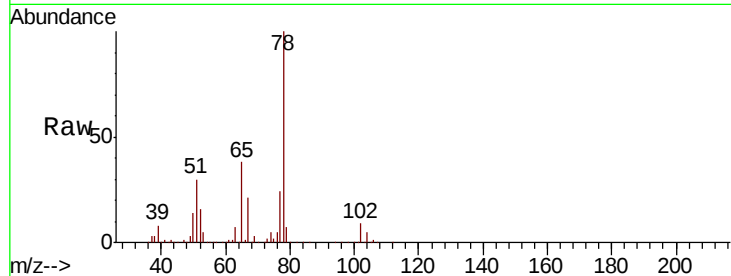




#33
 1,2-Dichloroethane-d4
 Concen: 144.343 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

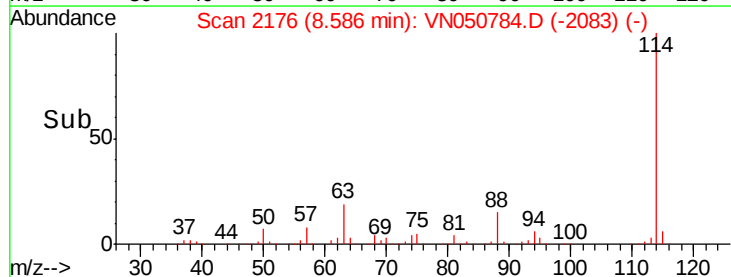
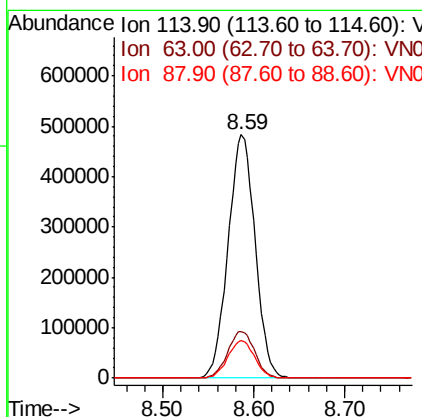
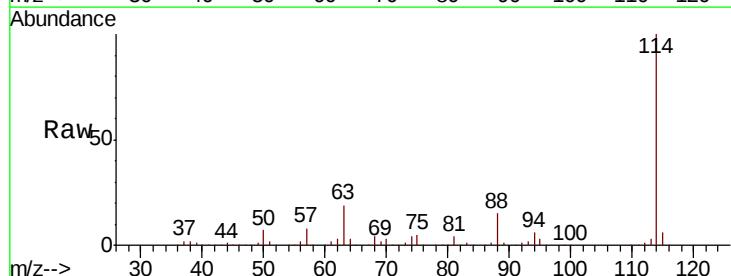
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

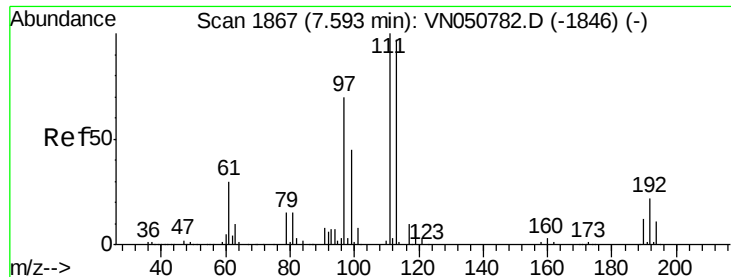
Tot Ion: 65 Resp: 1216577
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Tgt Ion: 114 Resp: 995249
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 147.075 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

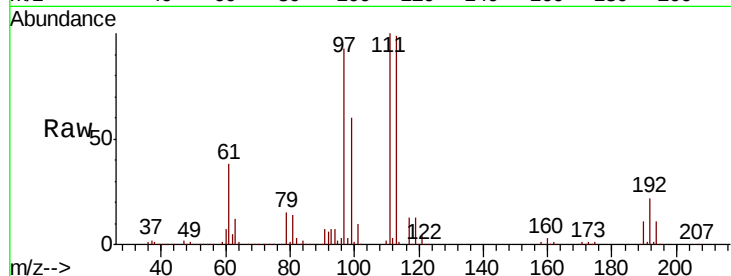
Tot Ion:113 Resp: 1164509

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

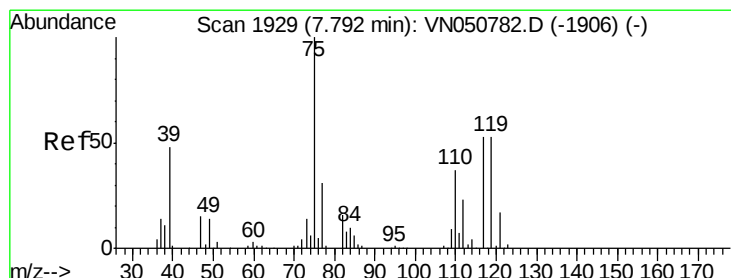
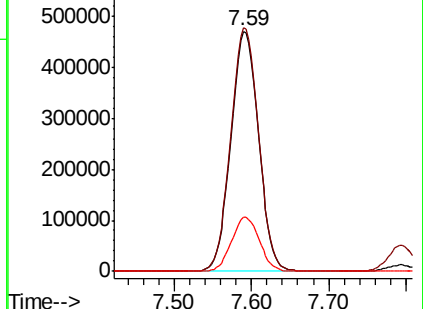
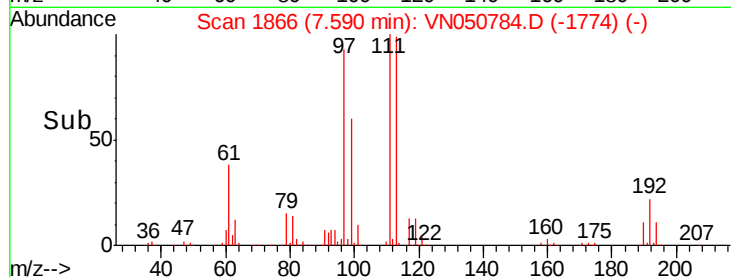
192 22.7 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 155.405 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

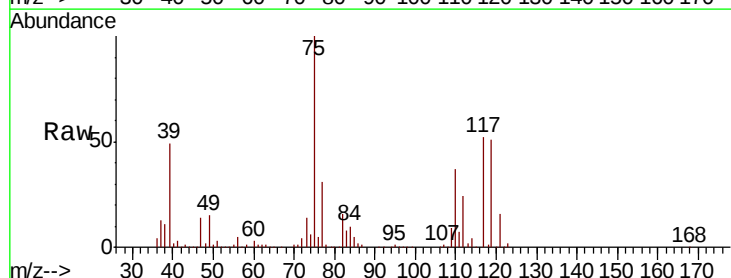
Tgt Ion: 75 Resp: 1825143

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.4

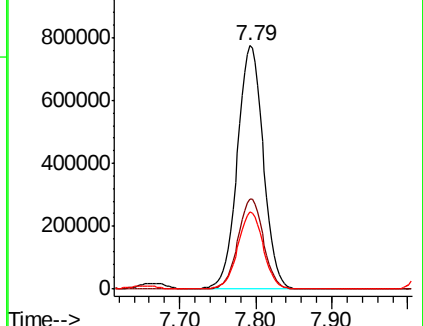
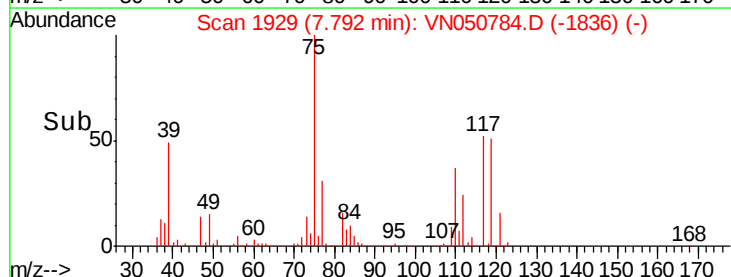
77 31.2 24.8 37.2

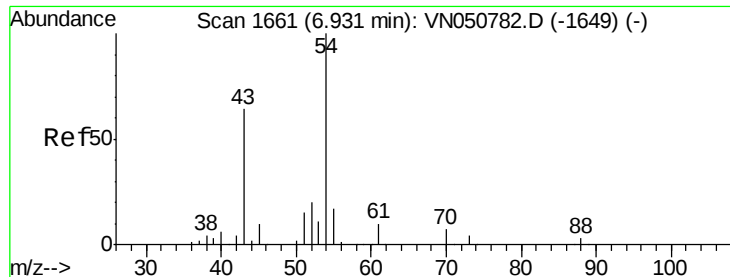


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

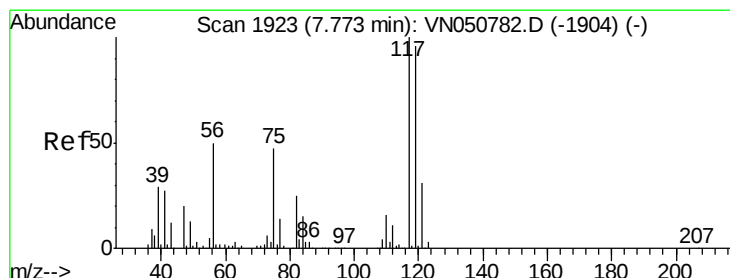
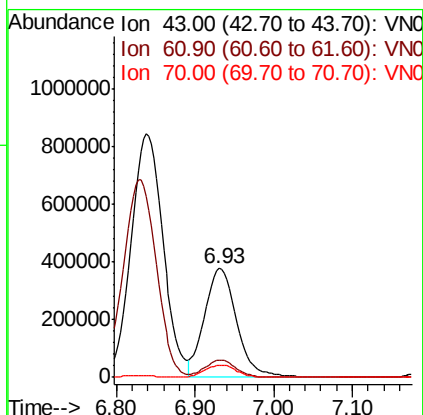
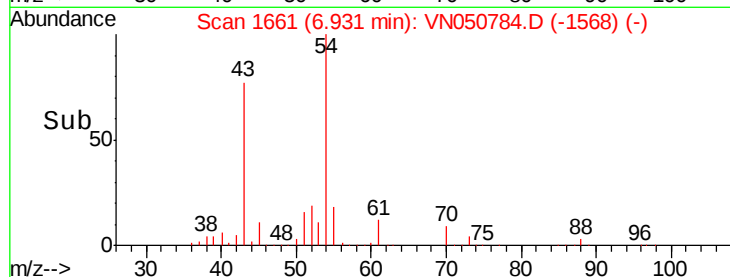
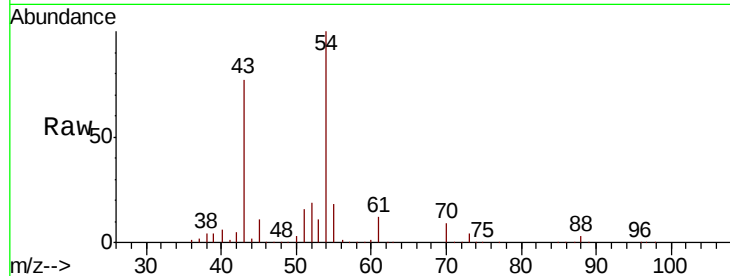




#37
Ethyl Acetate
Concen: 163.767 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

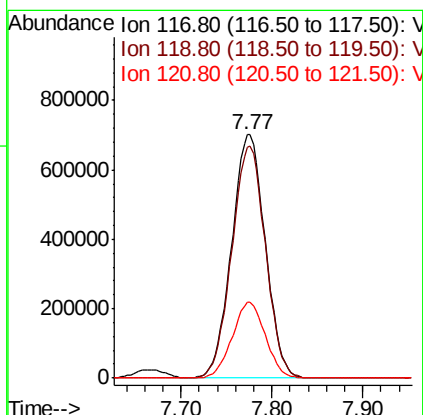
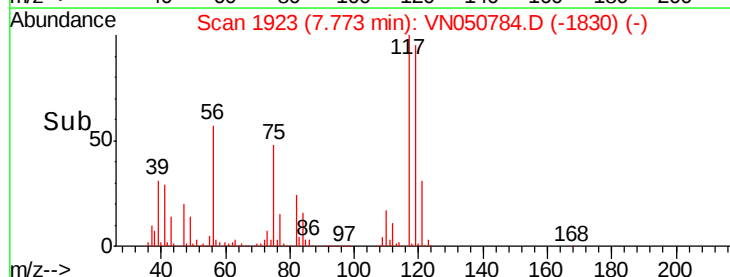
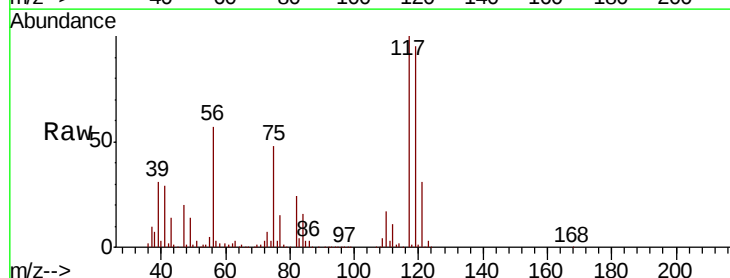
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

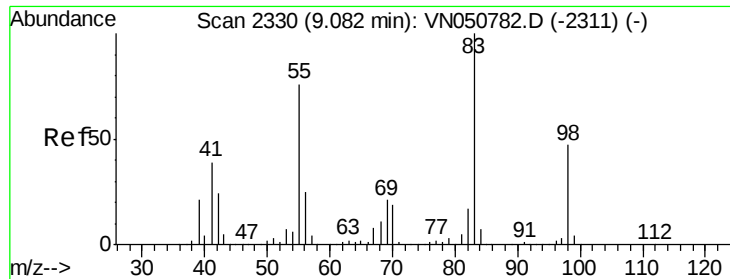
Tot Ion: 43 Resp: 1058402
Ion Ratio Lower Upper
43 100
61 15.5 12.0 18.0
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 151.341 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion: 117 Resp: 1796646
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5
121 31.0 24.6 36.8

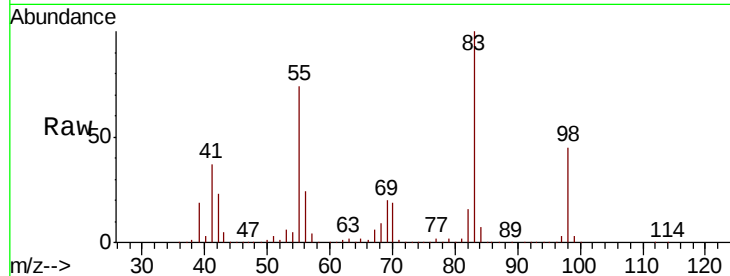




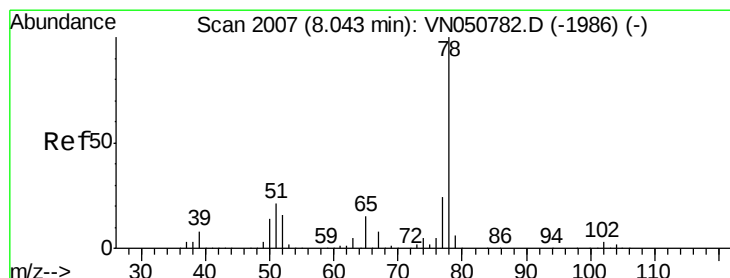
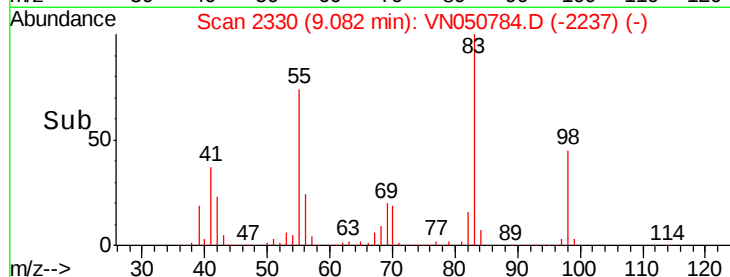
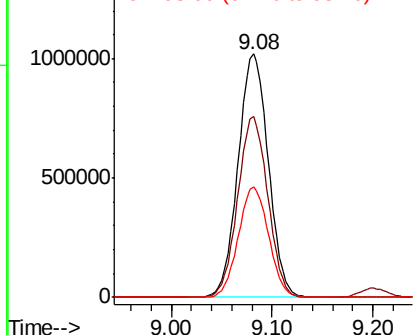
#39
Methylvlcyclohexane
Concen: 166.299 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 2112967
Ion Ratio Lower Upper
83 100
55 74.2 61.0 91.4
98 45.4 37.5 56.3

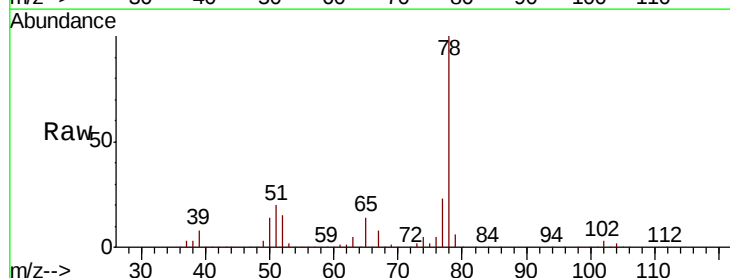


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

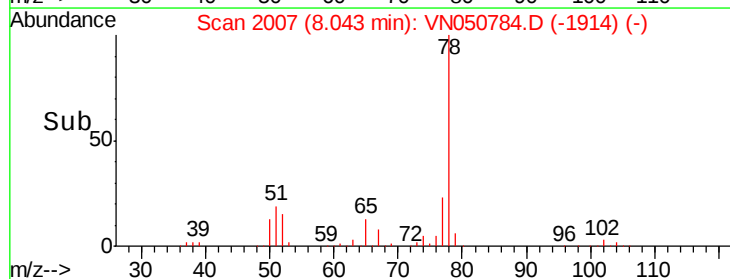
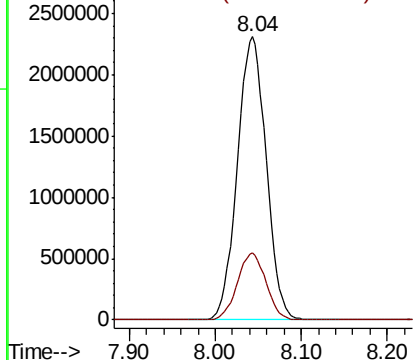


#40
Benzene
Concen: 151.942 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion: 78 Resp: 5380974
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



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

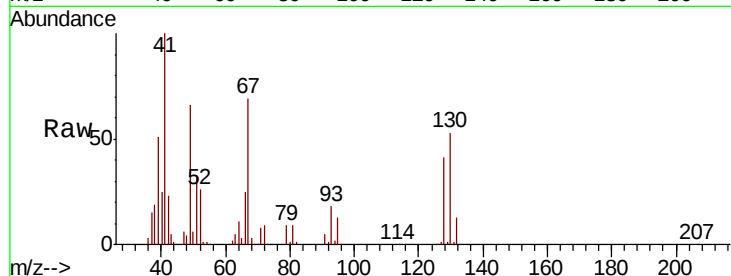




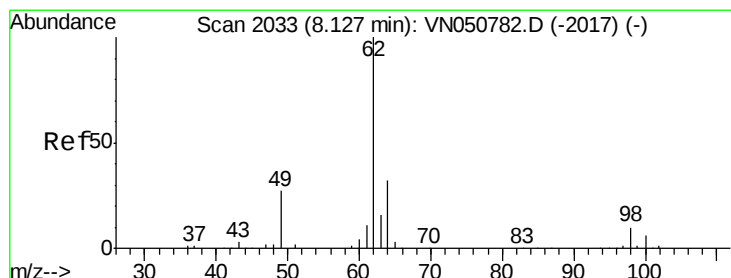
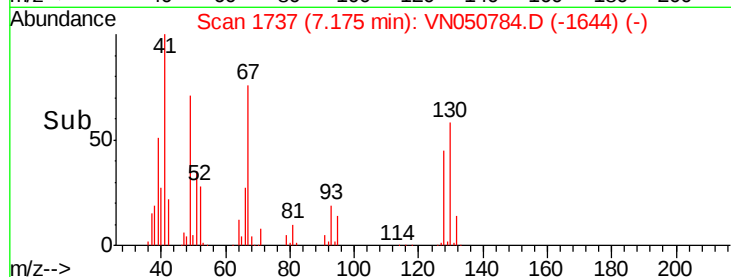
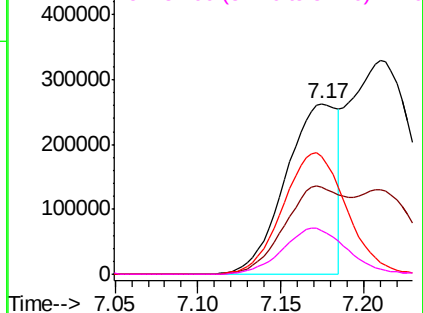
#41
Methacrylonitrile
Concen: 167.021 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	570589
Ion	Ratio	Lower	Upper
41	100		
39	59.6	45.4	68.0
67	88.2	70.6	106.0
52	33.2	27.1	40.7

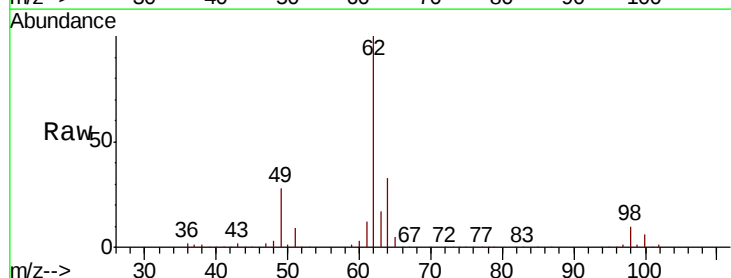


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

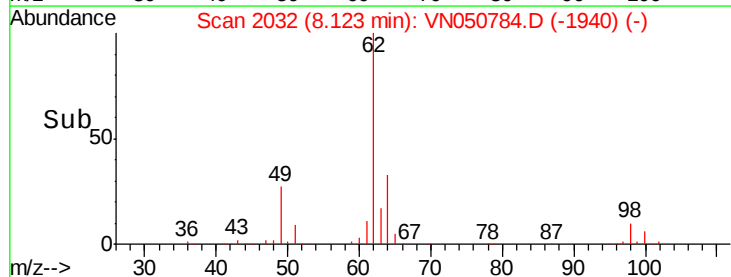
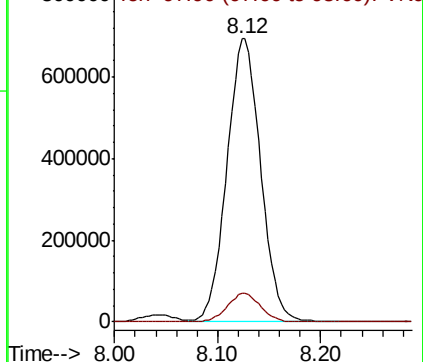


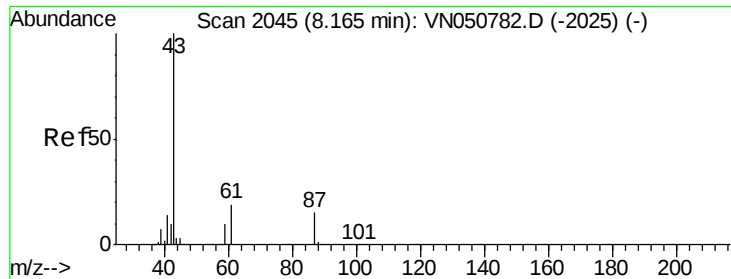
#42
1,2-Dichloroethane
Concen: 148.684 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion:	62	Resp:	1574302
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 165.023 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

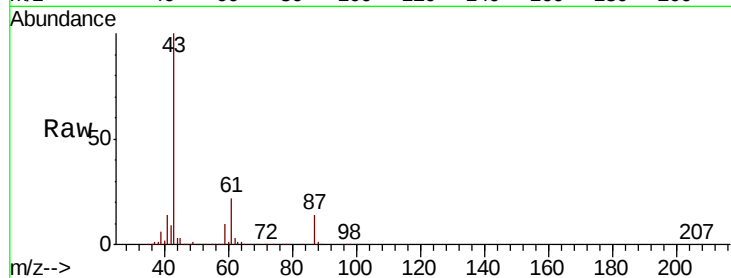
Tot Ion: 43 Resp: 1914198

Ion Ratio Lower Upper

43 100

61 22.0 17.5 26.3

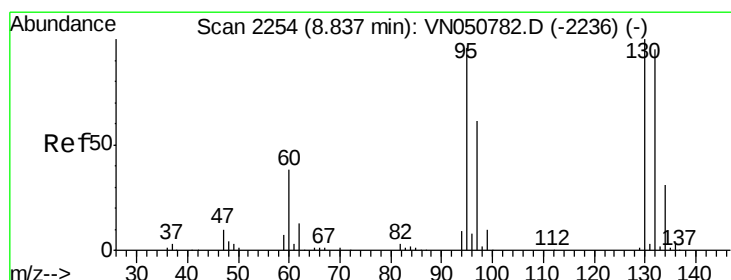
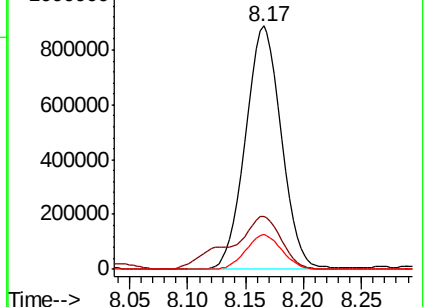
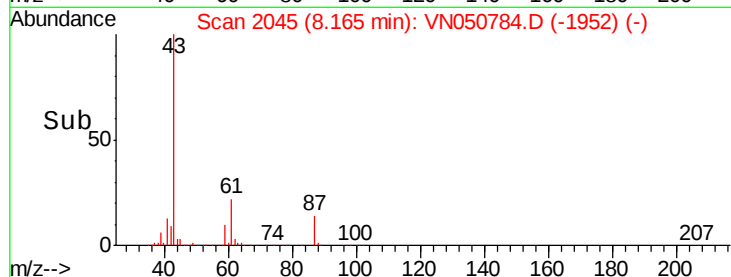
87 14.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050784.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN050784.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN050784.D (-1952) (-)



#44

Trichloroethene

Concen: 153.539 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050784.D

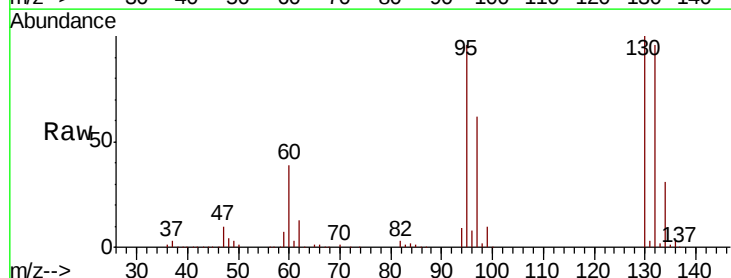
Acq: 21 Aug 2018 11:58

Tgt Ion:130 Resp: 1434087

Ion Ratio Lower Upper

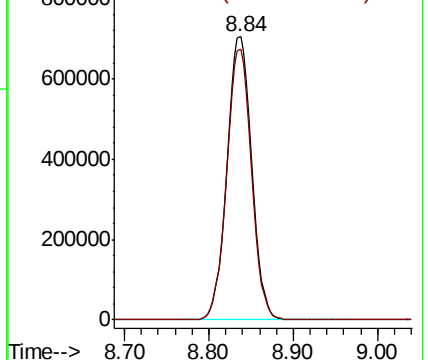
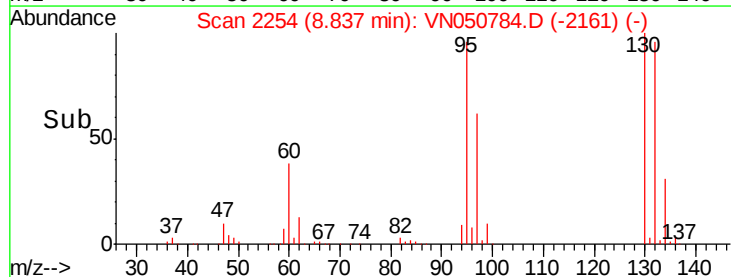
130 100

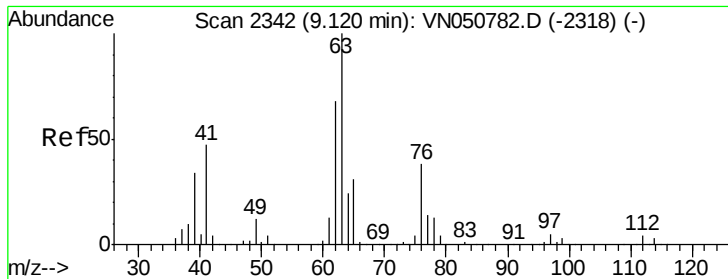
95 95.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN050784.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN050784.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 151.104 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

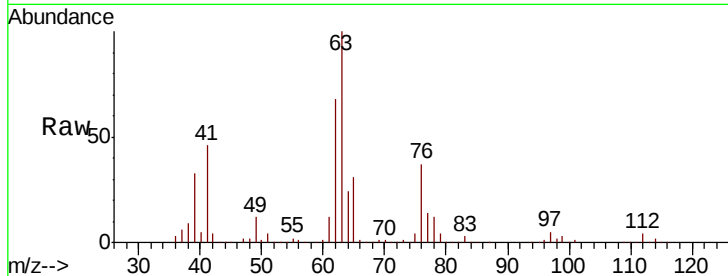
VSTDIC150

Tot Ion: 63 Resp: 1406447

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

800000

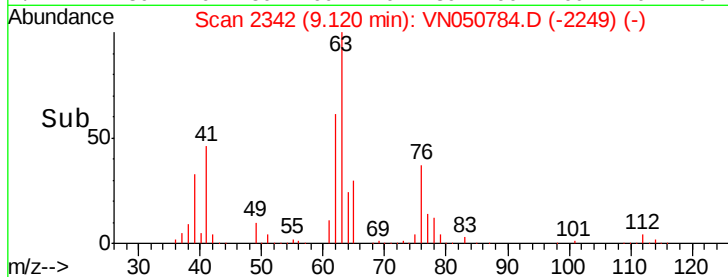
600000

400000

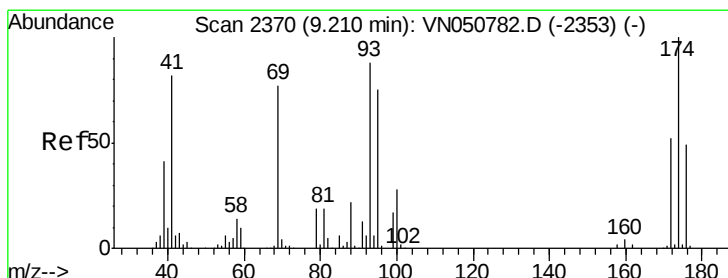
200000

0

9.00 9.10 9.20



Time-->



#46

Dibromomethane

Concen: 150.190 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

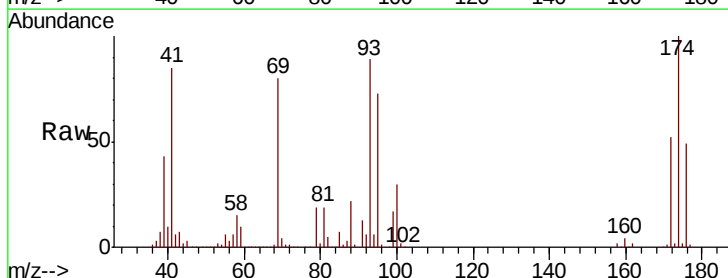
Tgt Ion: 93 Resp: 821386

Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 113.0 89.8 134.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

600000

500000

400000

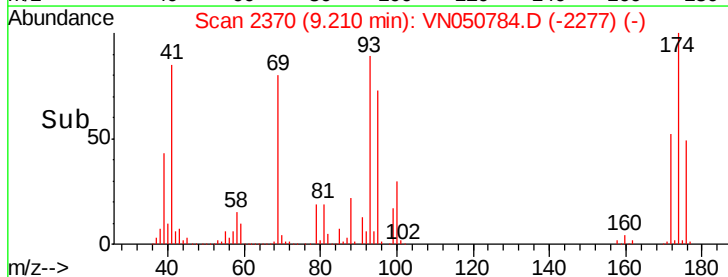
300000

200000

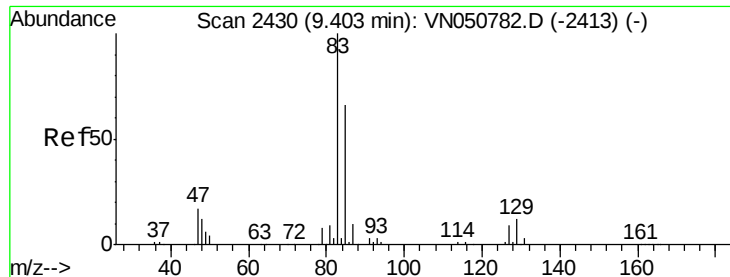
100000

0

9.10 9.15 9.20 9.25 9.30



Time-->



#47

Bromodichloromethane

Concen: 154.767 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

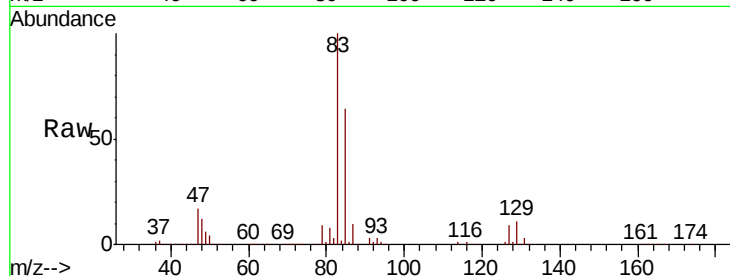
Tot Ion: 83 Resp: 1772831

Ion Ratio Lower Upper

83 100

85 64.1 52.6 78.8

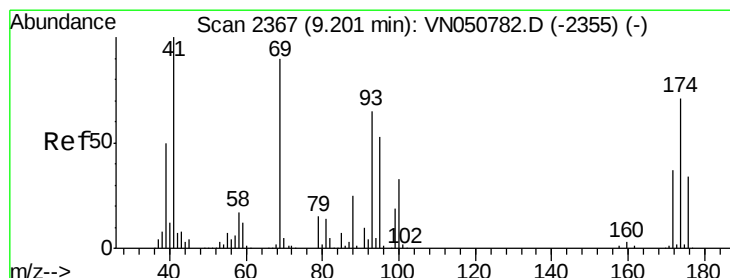
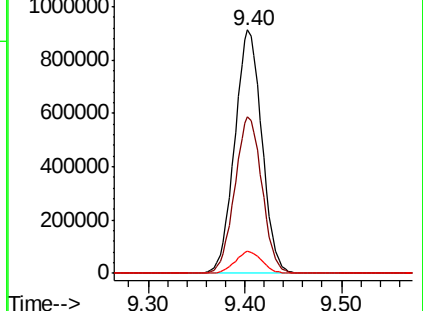
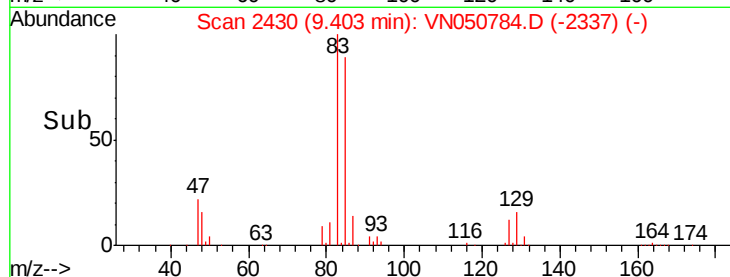
127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050784.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050784.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050784.D (-2337) (-)



#48

Methyl methacrylate

Concen: 168.152 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

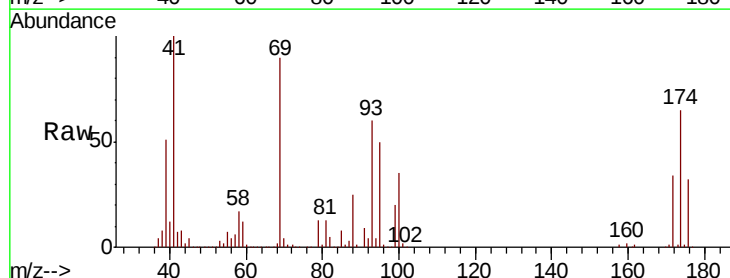
Tgt Ion: 41 Resp: 994039

Ion Ratio Lower Upper

41 100

69 94.7 74.7 112.1

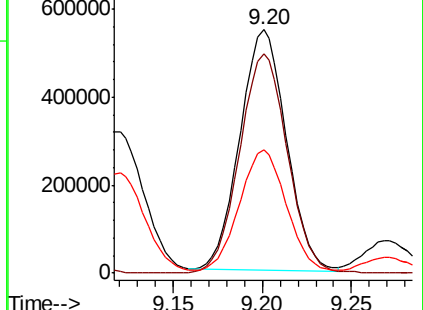
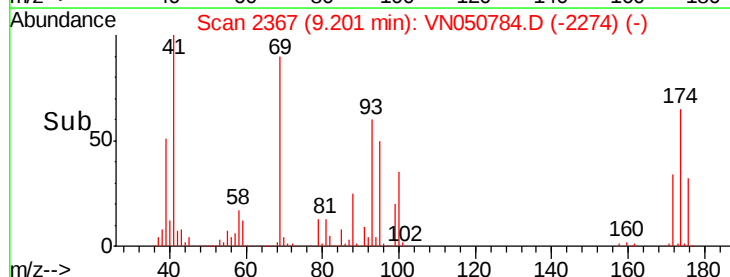
39 52.6 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VN050784.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN050784.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN050784.D (-2274) (-)

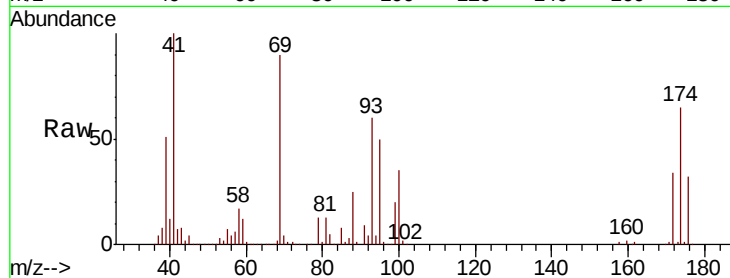




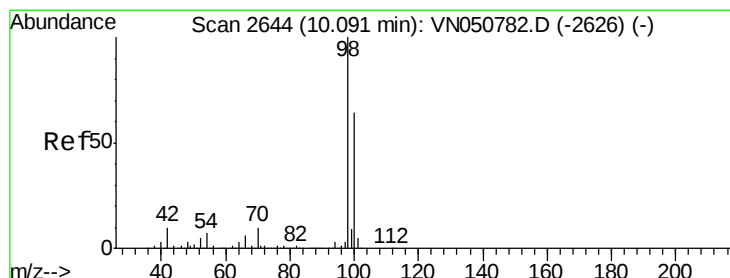
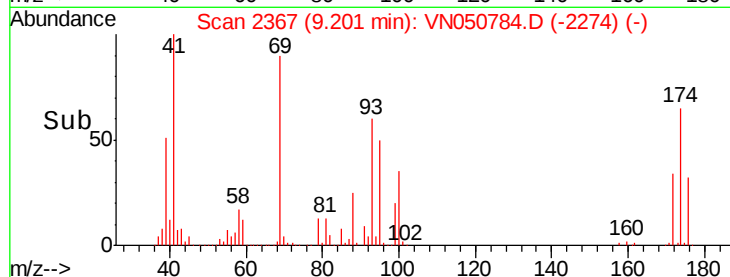
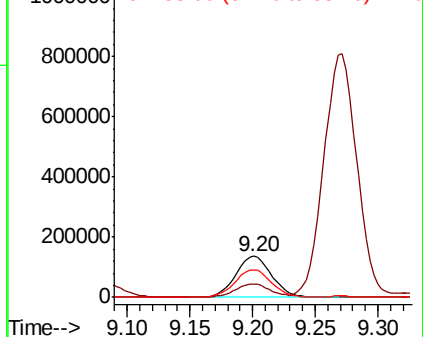
#49
1,4-Dioxane
Concen: 3427.587 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 88 Resp: 276222
Ion Ratio Lower Upper
88 100
43 31.0 25.9 38.9
58 67.6 55.0 82.4

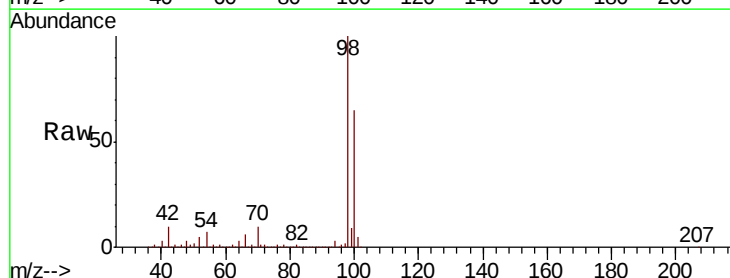


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

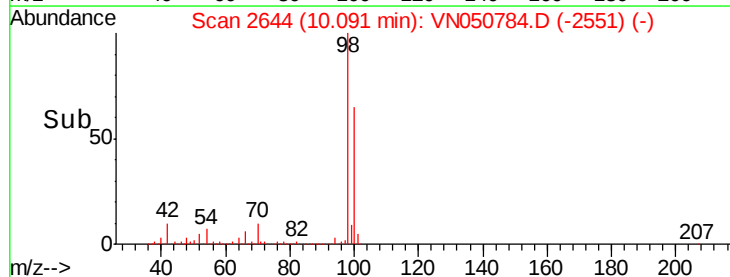
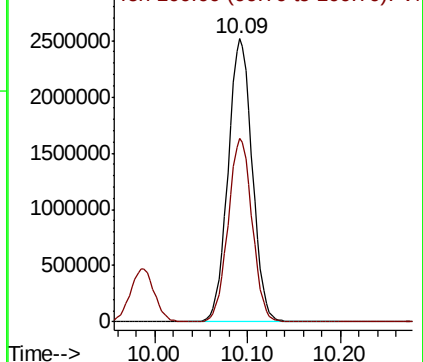


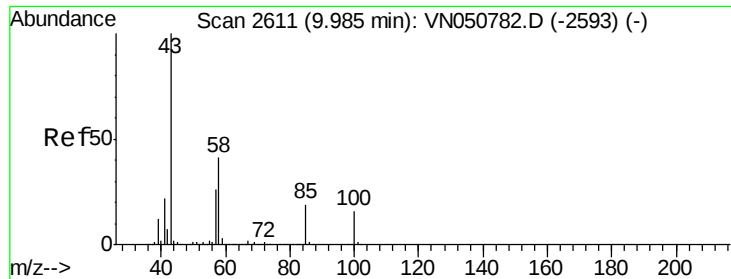
#50
Toluene-d8
Concen: 153.020 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion: 98 Resp: 4529745
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



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

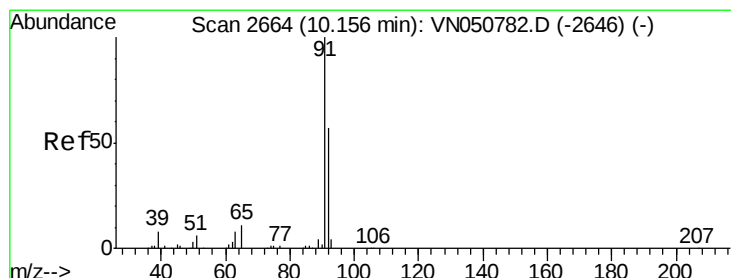
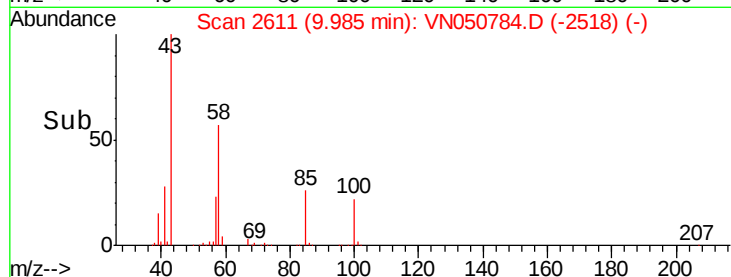
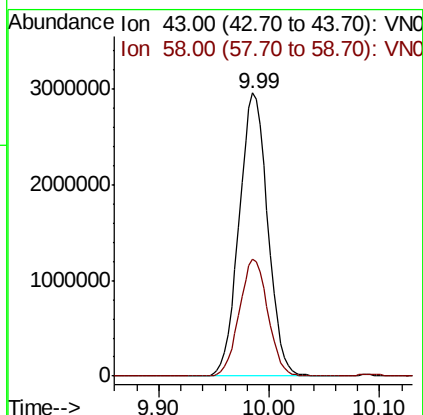
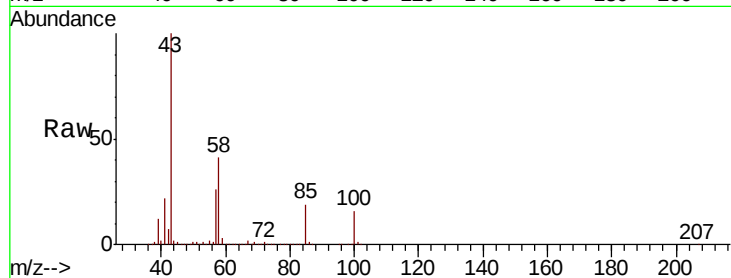




#51
4-Methyl-2-Pentanone
Concen: 767.305 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

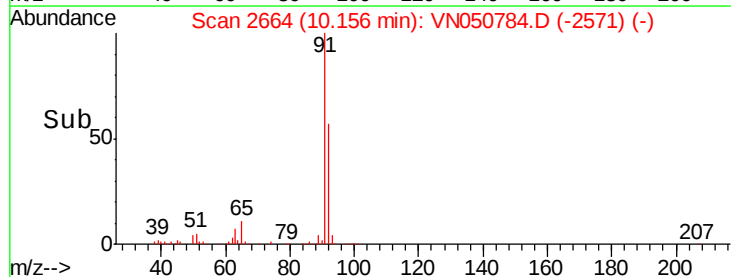
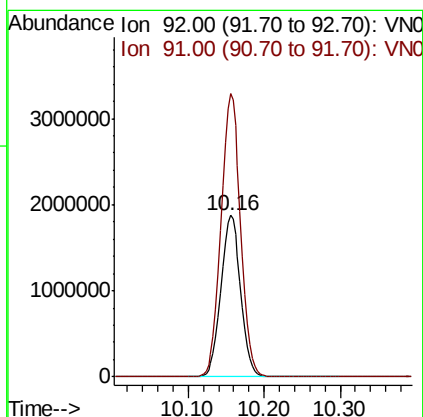
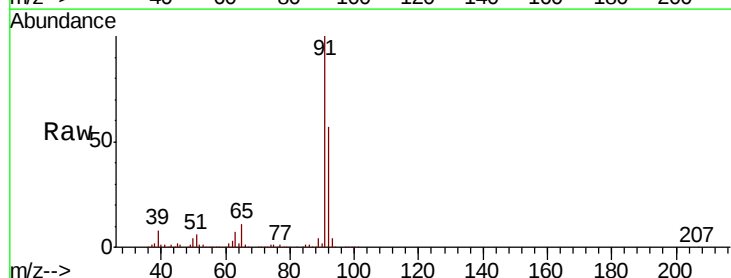
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

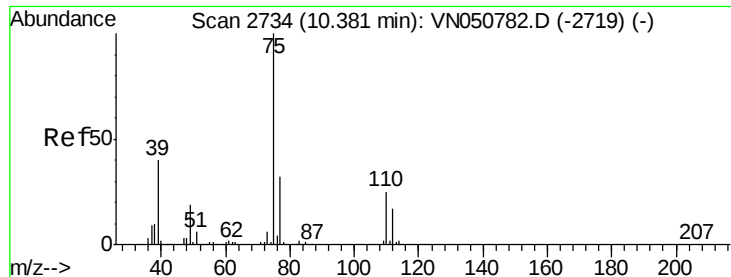
Tot Ion: 43 Resp: 5311308
Ion Ratio Lower Upper
43 100
58 41.3 32.4 48.6



#52
Toluene
Concen: 160.354 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion: 92 Resp: 3364127
Ion Ratio Lower Upper
92 100
91 174.5 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 167.822 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

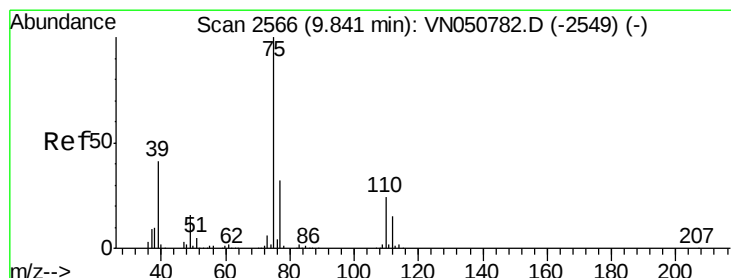
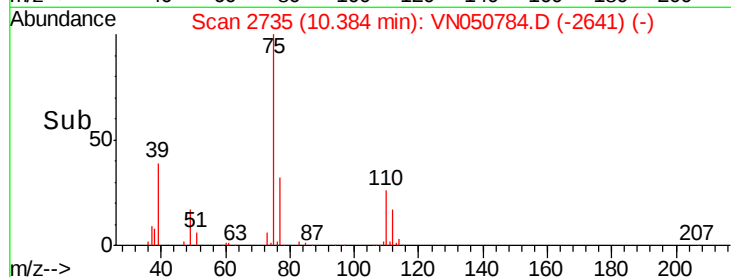
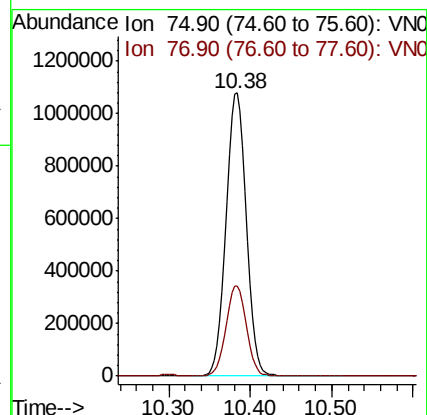
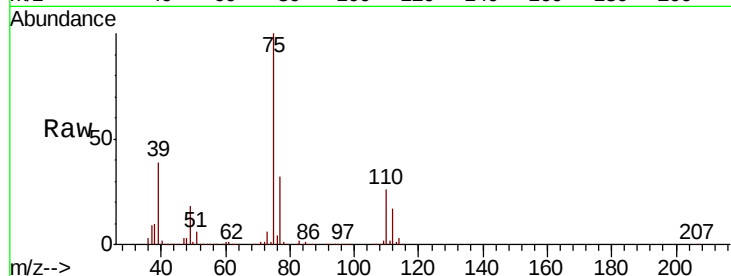
VSTDIC150

Tot Ion: 75 Resp: 1913434

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 164.614 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

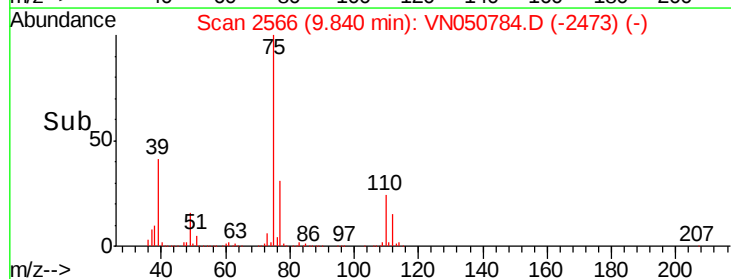
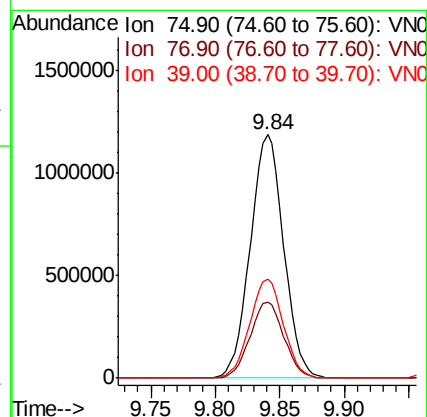
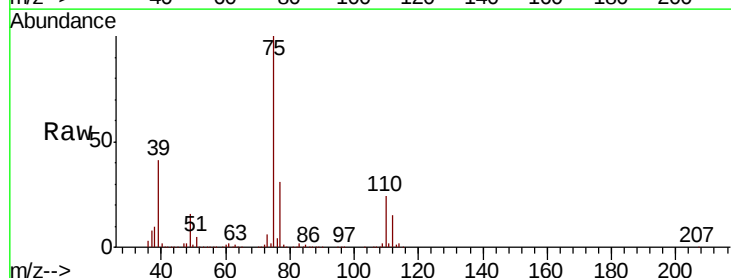
Tgt Ion: 75 Resp: 2149224

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 40.7 33.0 49.4



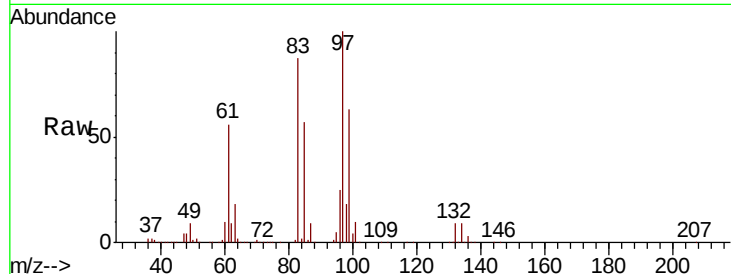


#55
 1,1,2-Trichloroethane
 Concen: 150.416 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion: 97 Resp: 1171236

Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.7	104.5
85	56.7	44.5	66.7
99	62.5	50.7	76.1



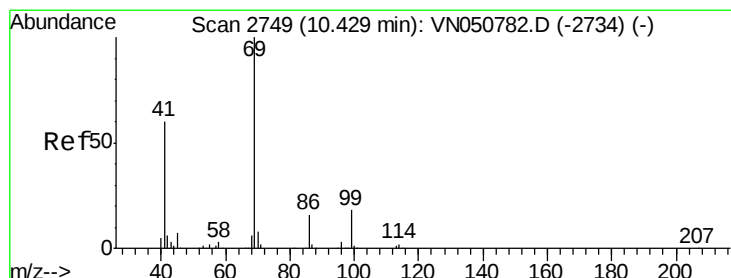
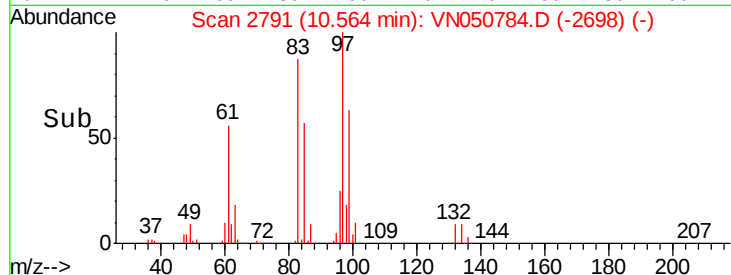
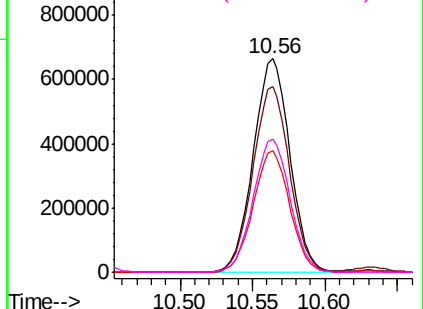
Abundance

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

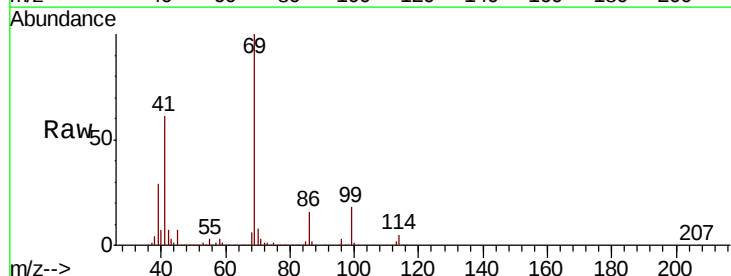
Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 179.493 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Tgt Ion: 69 Resp: 1585143

Ion	Ratio	Lower	Upper
69	100		
41	60.8	48.3	72.5
39	29.2	24.0	36.0

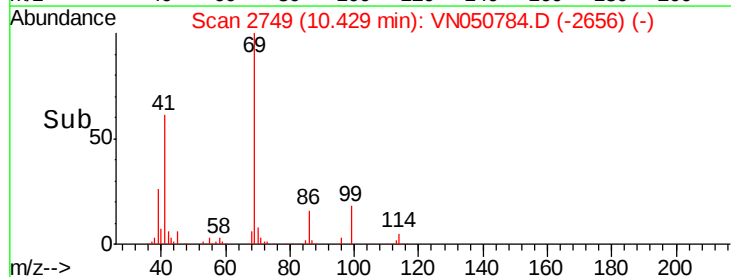
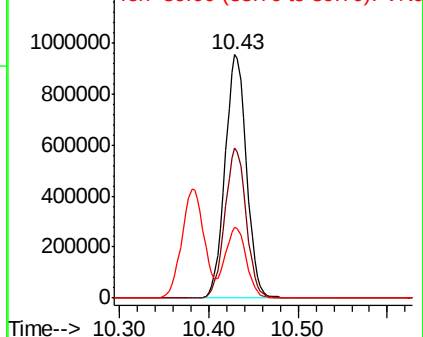


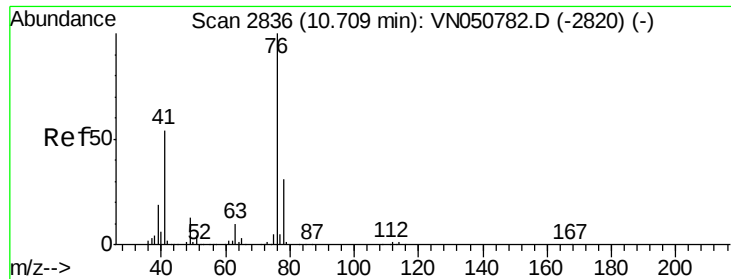
Abundance

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

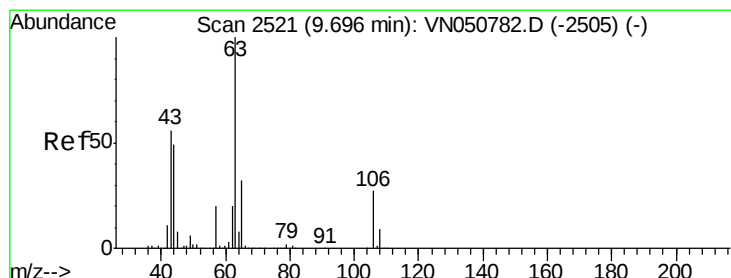
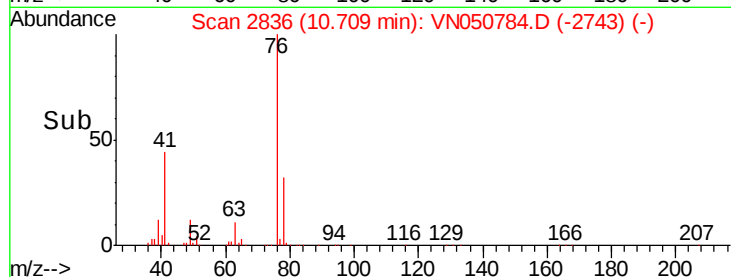
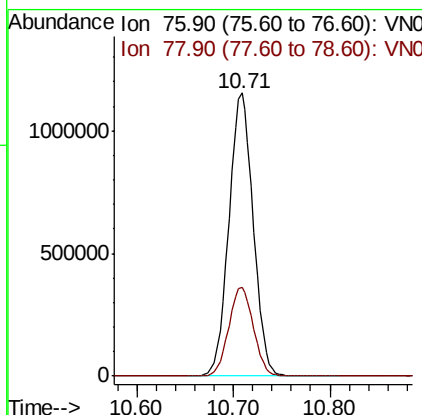
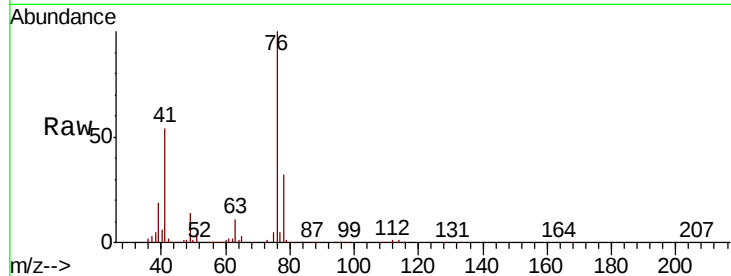




#57
 1,3-Dichloropropane
 Concen: 156.198 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

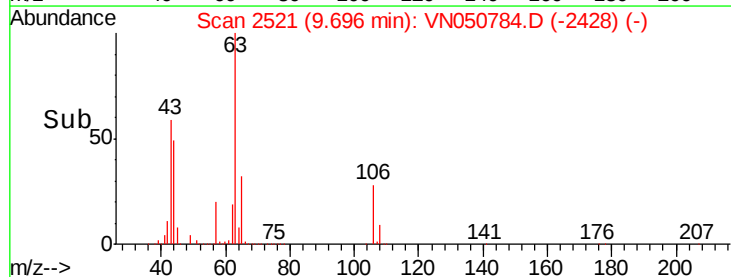
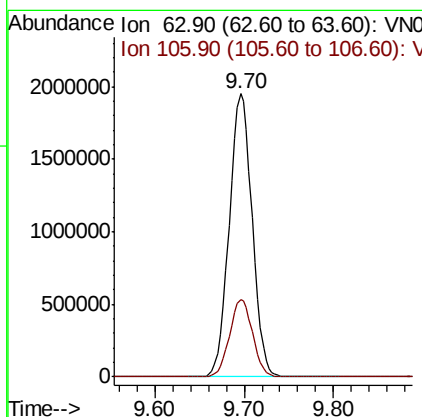
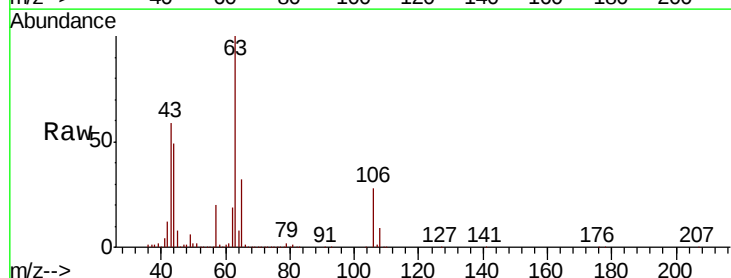
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

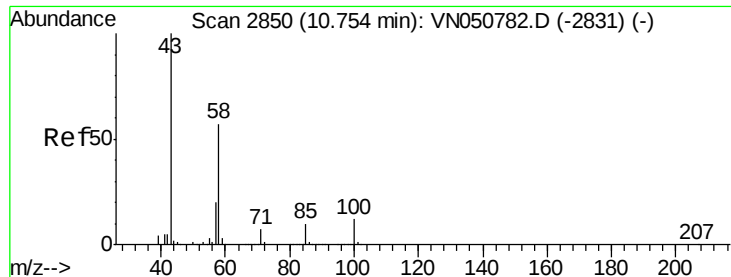
Tot Ion: 76 Resp: 2007526
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 918.042 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Tgt Ion: 63 Resp: 3461787
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.9 32.9

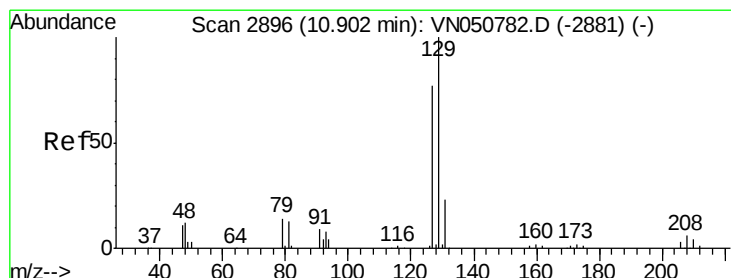
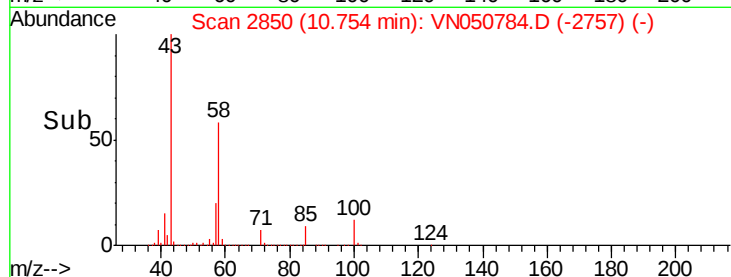
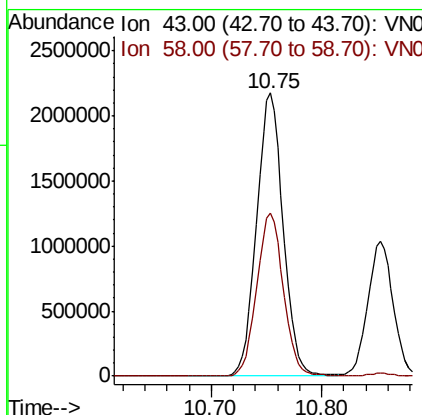
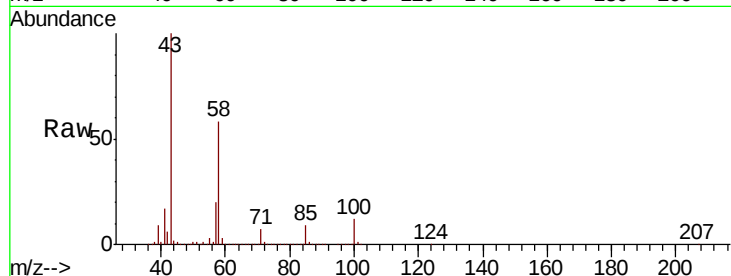




#59
2-Hexanone
Concen: 786.204 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

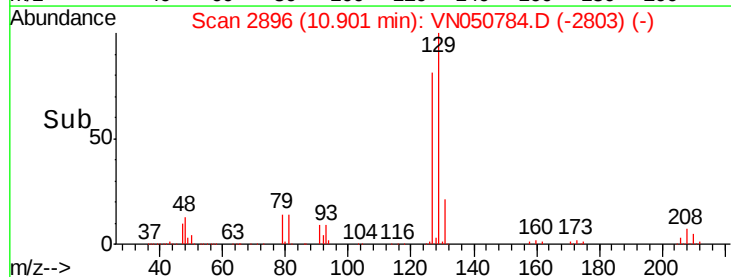
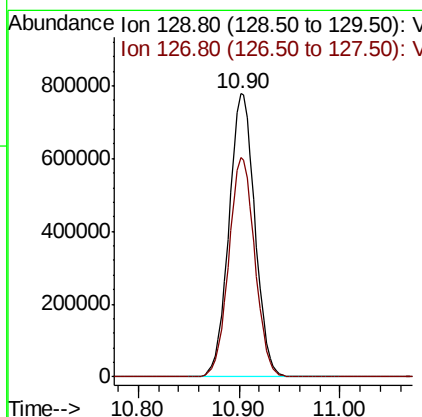
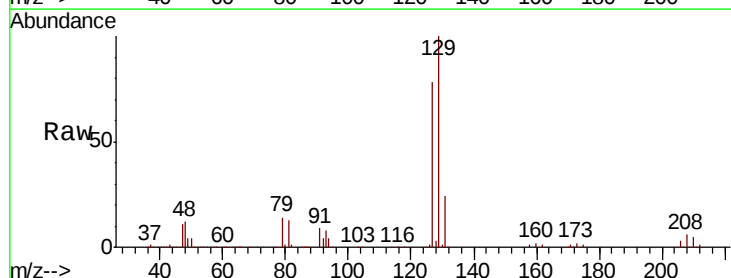
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

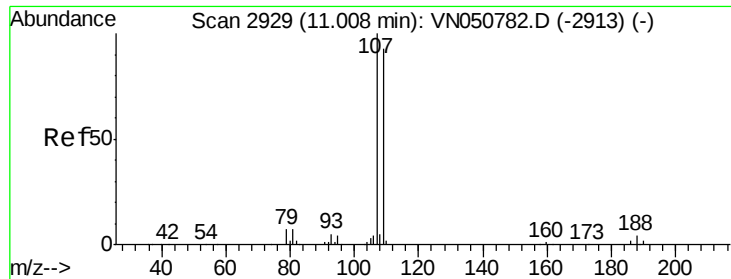
Tot Ion: 43 Resp: 3622940
Ion Ratio Lower Upper
43 100
58 57.9 28.3 85.0



#60
Dibromochloromethane
Concen: 160.019 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion: 129 Resp: 1395111
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

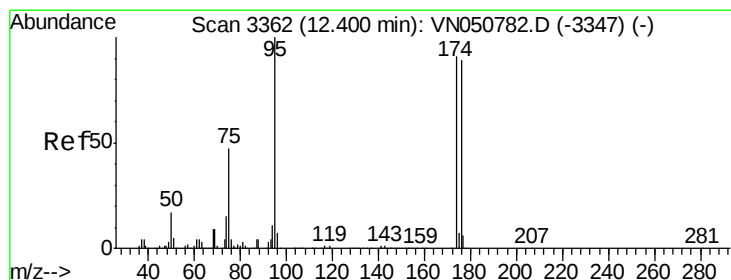
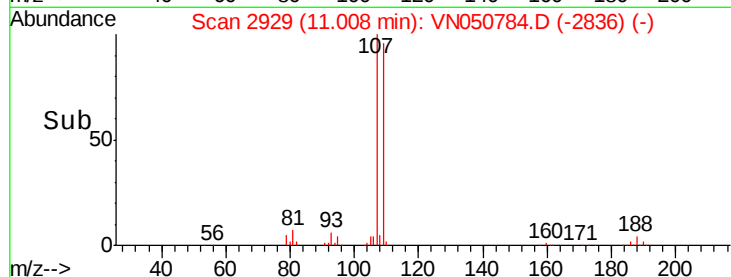
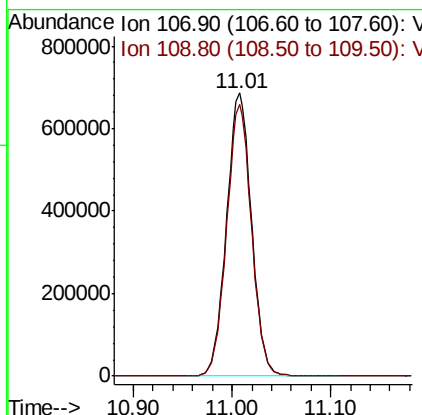
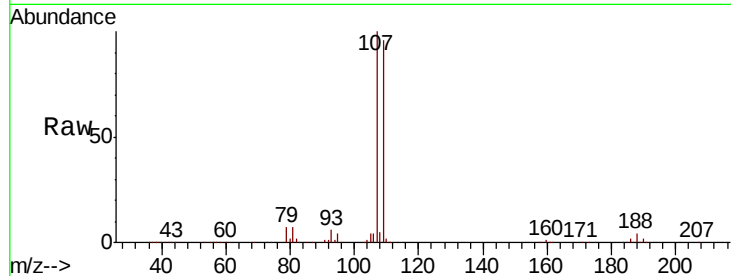




#61
 1,2-Dibromoethane
 Concen: 161.458 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

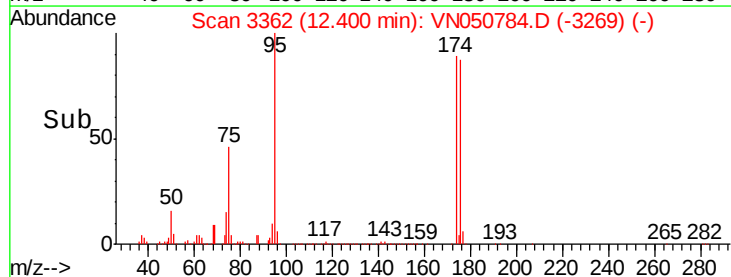
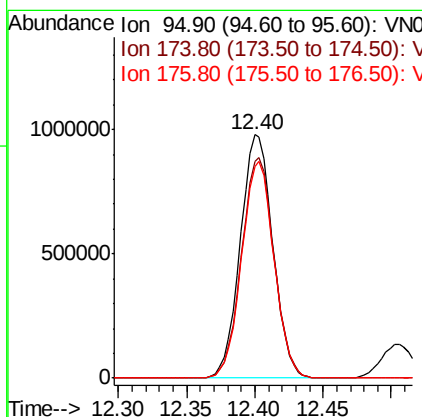
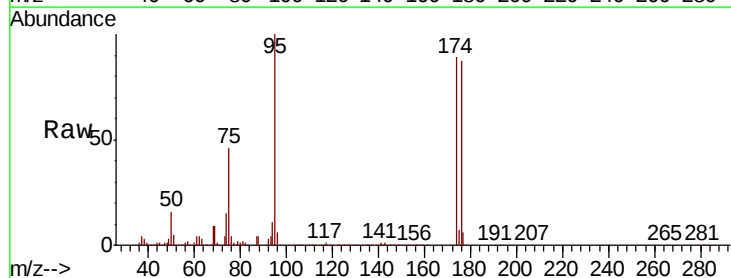
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

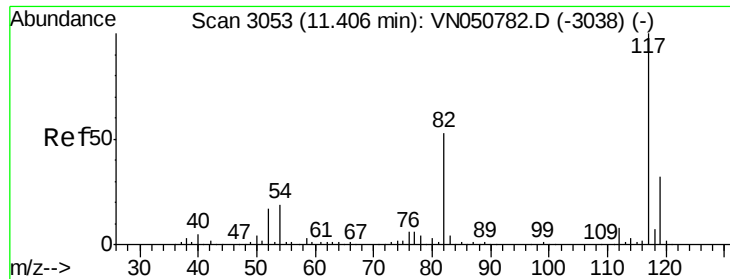
Tot Ion:107 Resp: 1215701
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 165.009 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Tgt Ion: 95 Resp: 1623183
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 183.0
 176 88.3 0.0 178.8

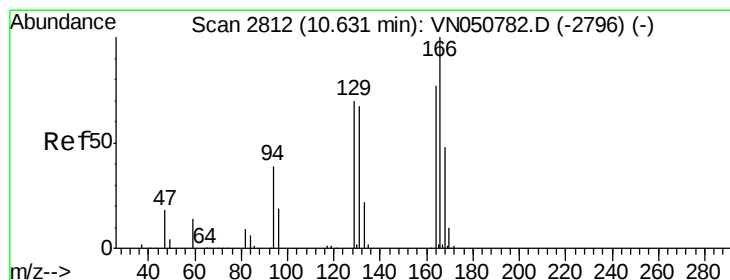
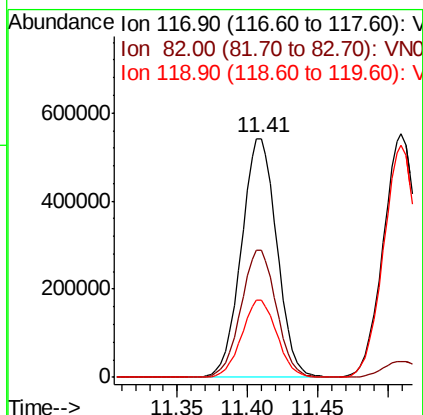
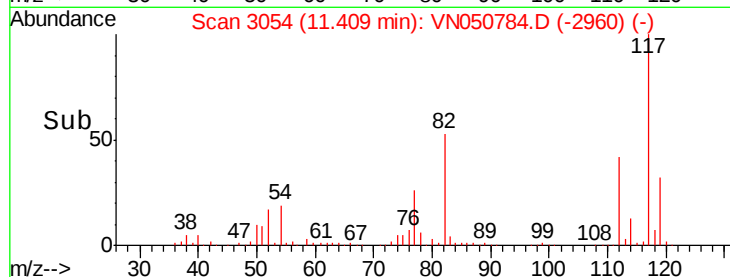
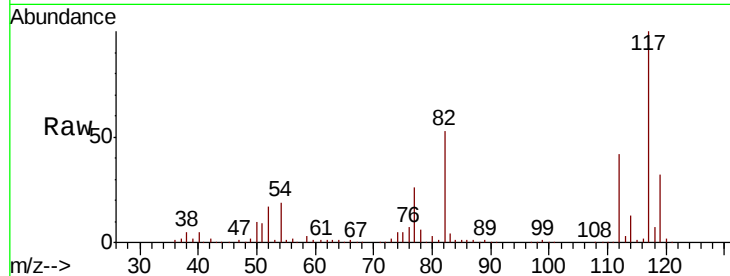




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

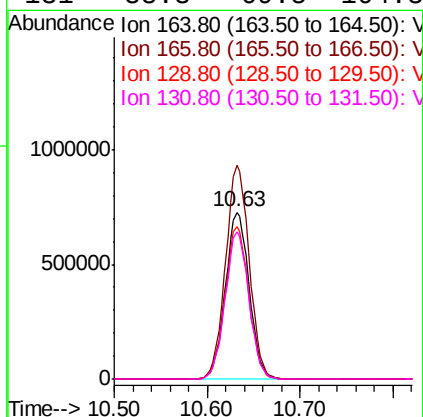
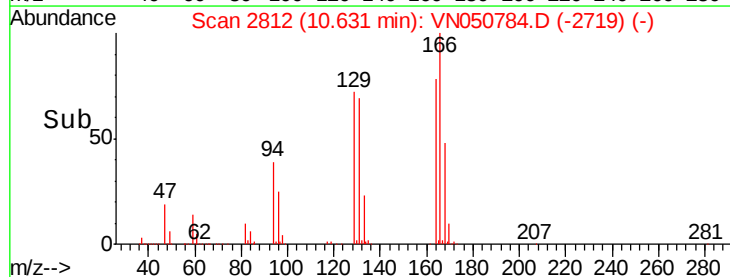
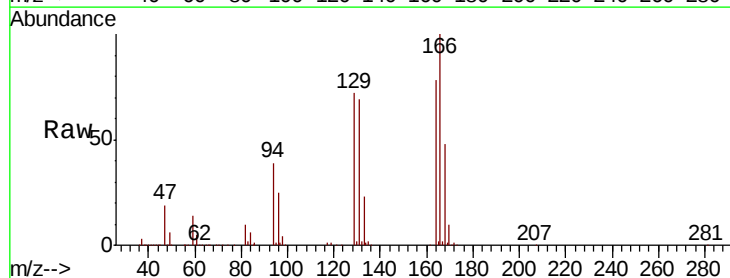
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

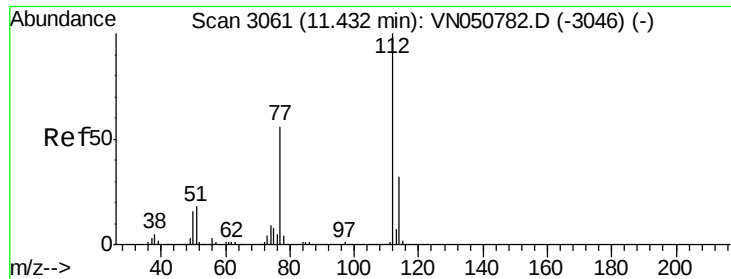
Tot Ion:117 Resp: 954101
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 142.318 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion:164 Resp: 1289719
Ion Ratio Lower Upper
164 100
166 127.9 103.5 155.3
129 91.5 72.7 109.1
131 88.3 69.5 104.3

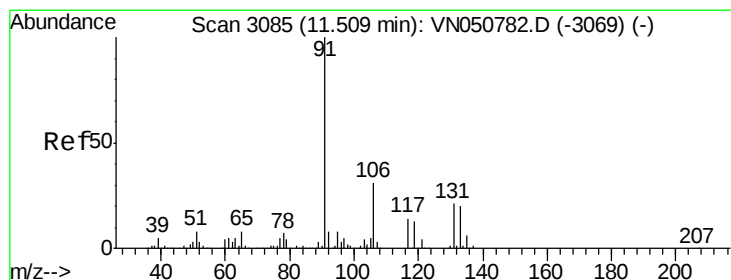
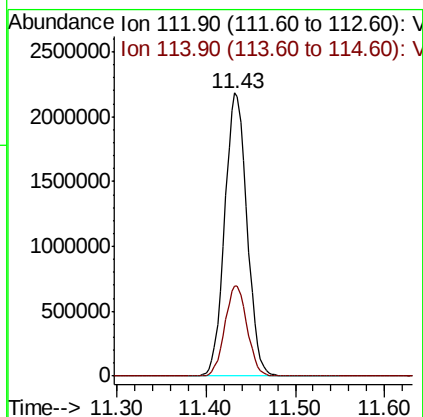
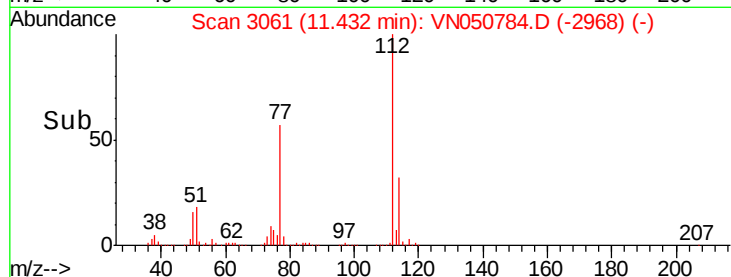
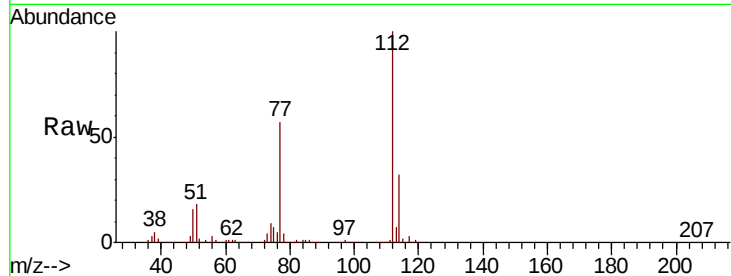




#65
Chlorobenzene
Concen: 151.036 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

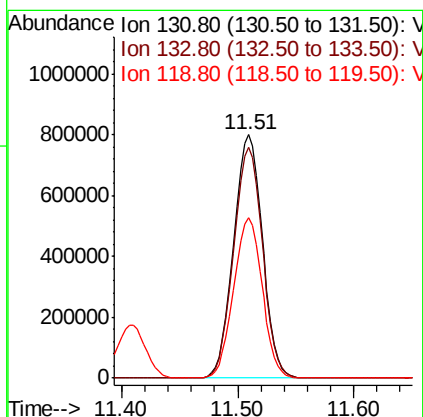
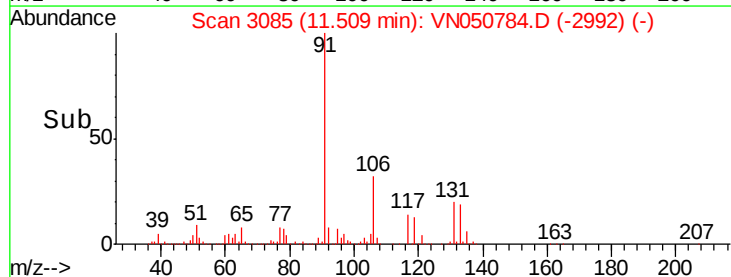
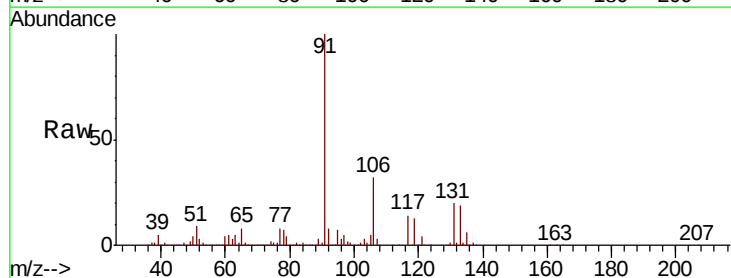
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

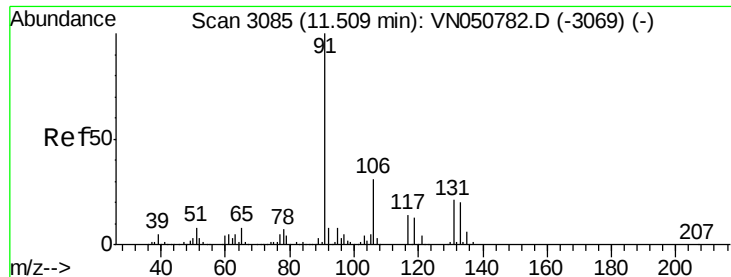
Tot Ion:112 Resp: 3766580
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 150.591 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion:131 Resp: 1374065
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 65.4 32.8 98.4





#67

Ethyl Benzene

Concen: 161.243 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

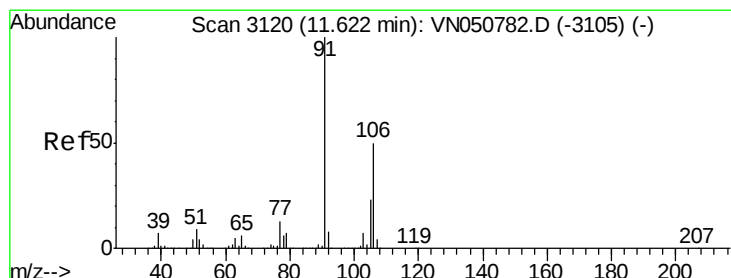
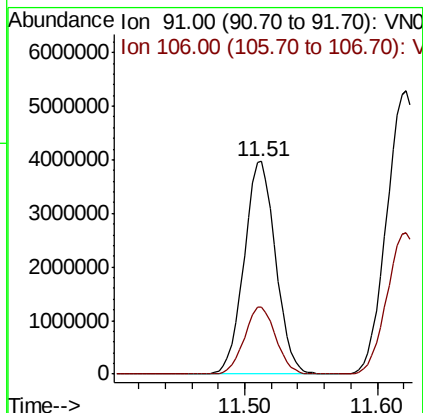
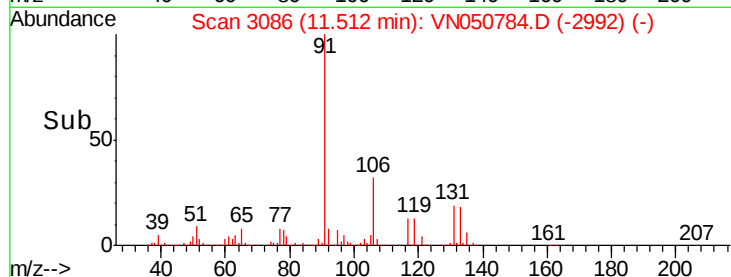
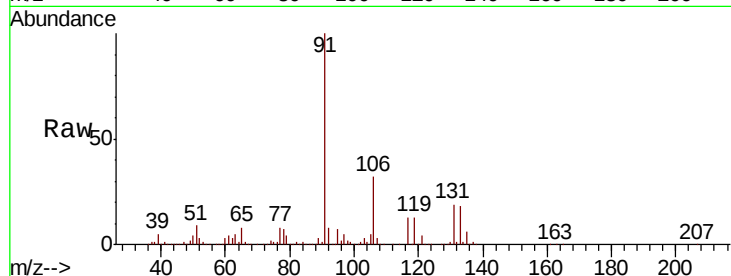
VSTDIC150

Tot Ion: 91 Resp: 6537245

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 327.790 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050784.D

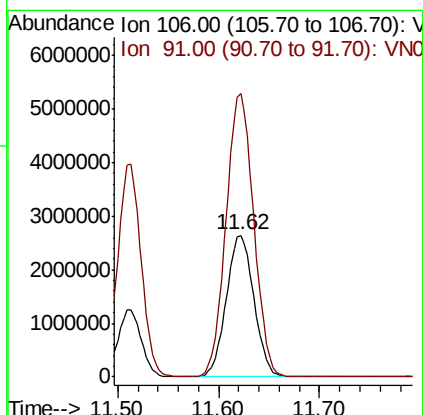
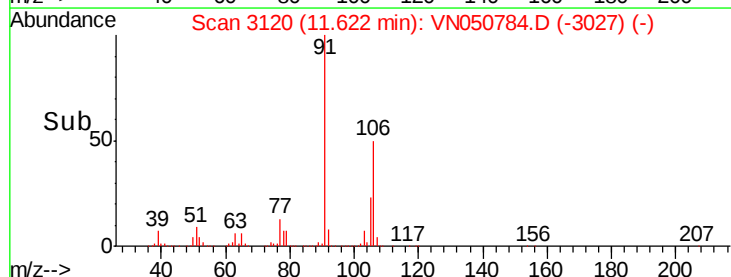
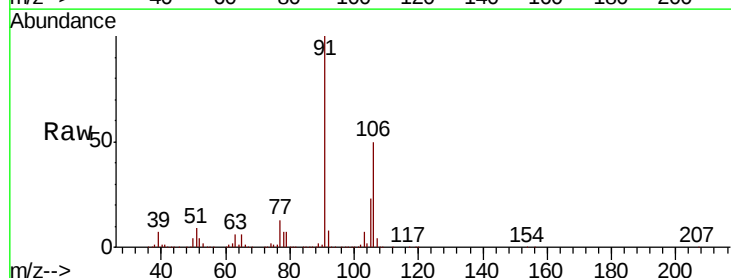
Acq: 21 Aug 2018 11:58

Tgt Ion: 106 Resp: 5044333

Ion Ratio Lower Upper

106 100

91 200.5 161.0 241.6

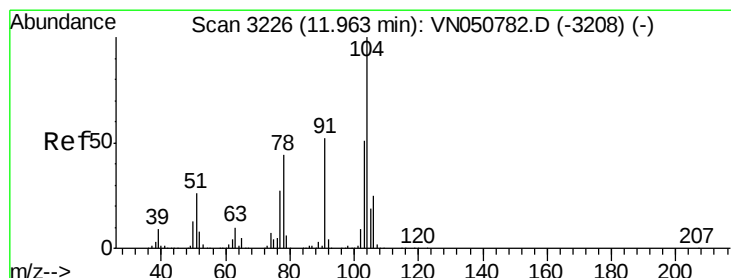
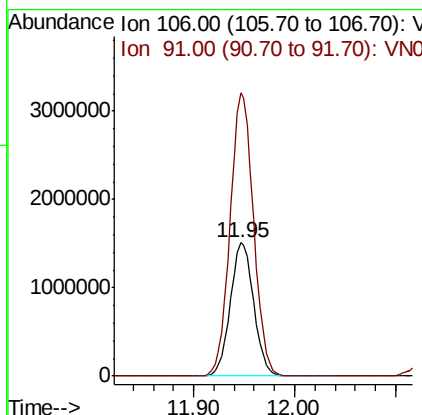
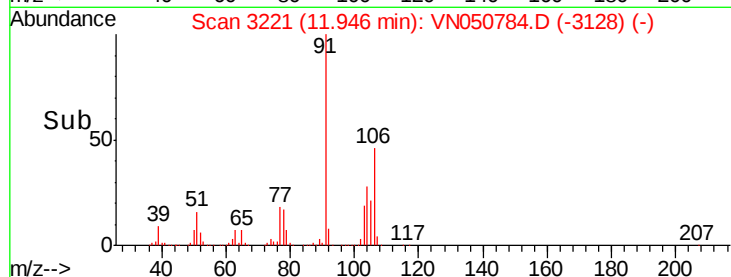
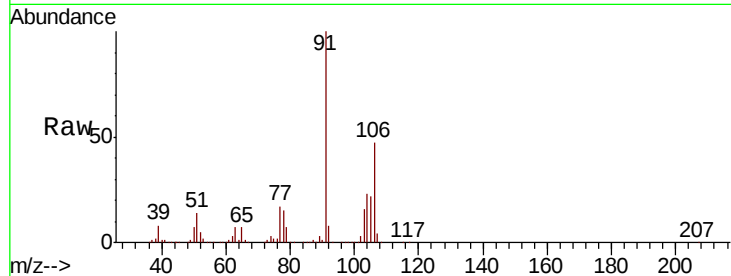




#69
o-Xylene
Concen: 165.319 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

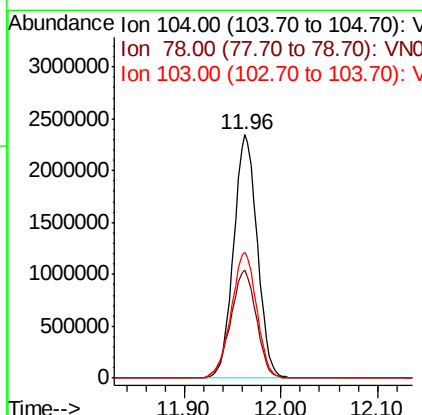
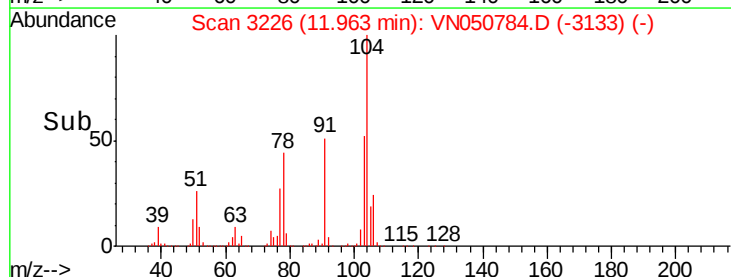
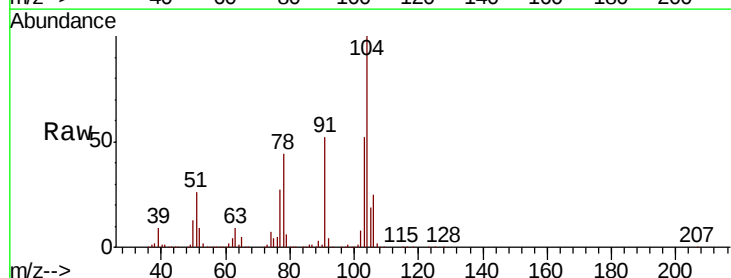
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

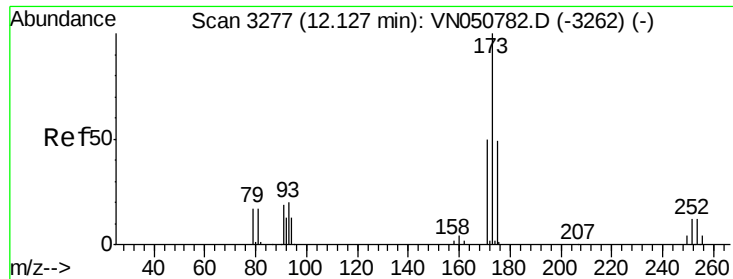
Tot Ion:106 Resp: 2445851
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.5



#70
Styrene
Concen: 171.995 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion:104 Resp: 3978019
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.4
103 55.7 44.4 66.6

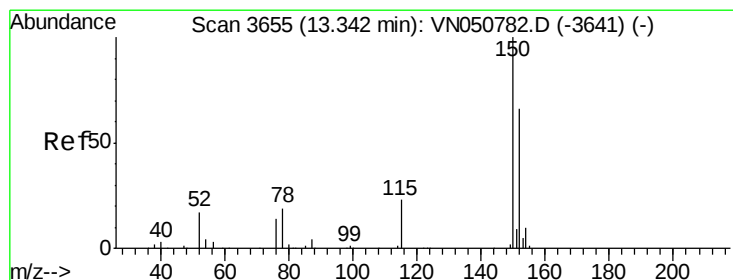
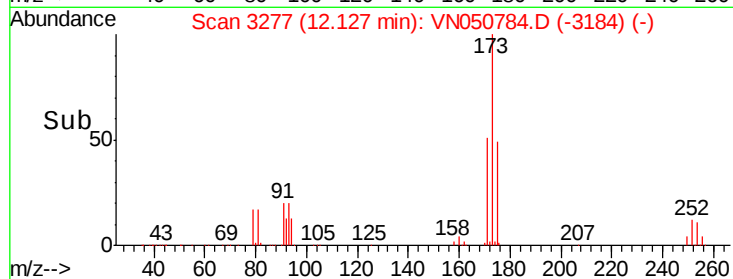
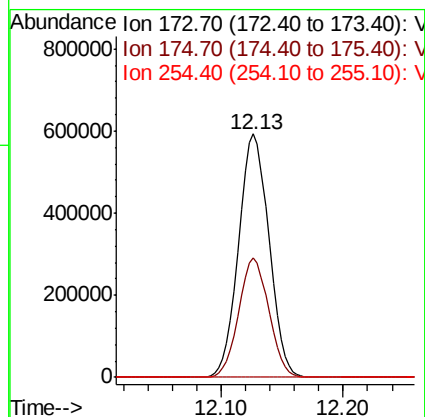
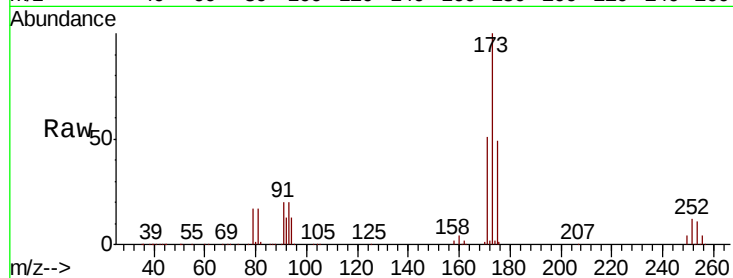




#71
Bromoform
Concen: 162.742 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

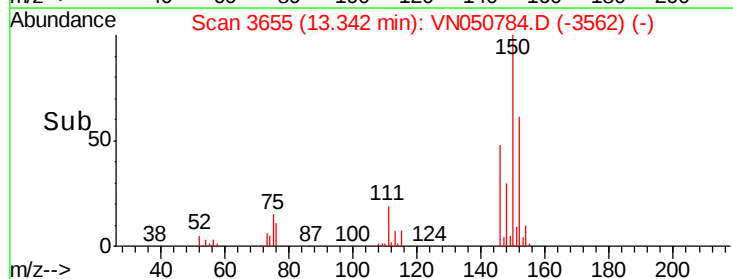
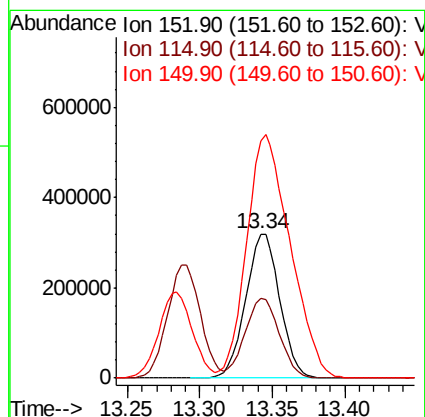
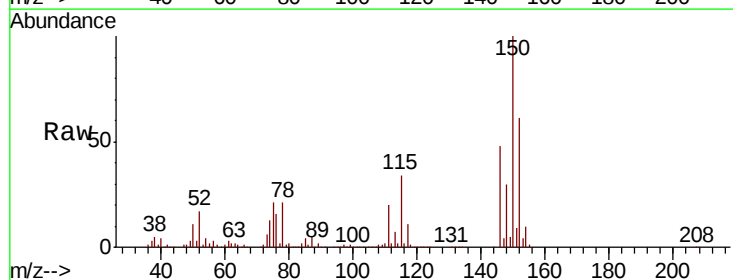
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

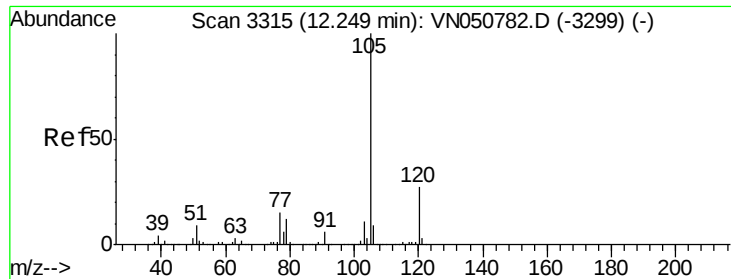
Tot Ion:173 Resp: 1021175
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.4
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion:152 Resp: 521704
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.4
150 215.7 0.0 351.4





#73

Isopropylbenzene

Concen: 149.135 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

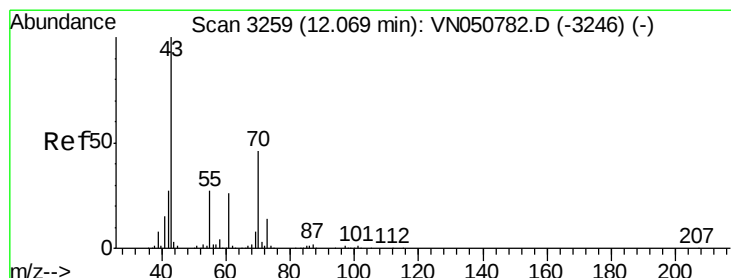
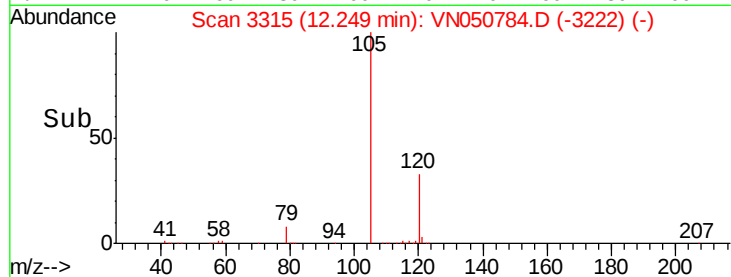
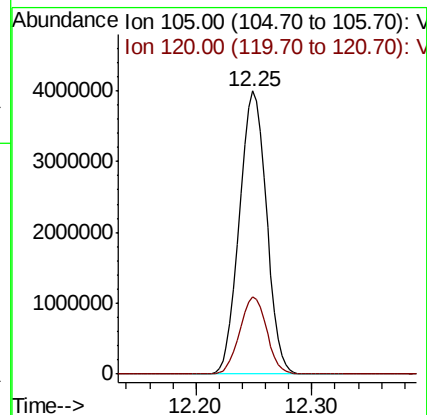
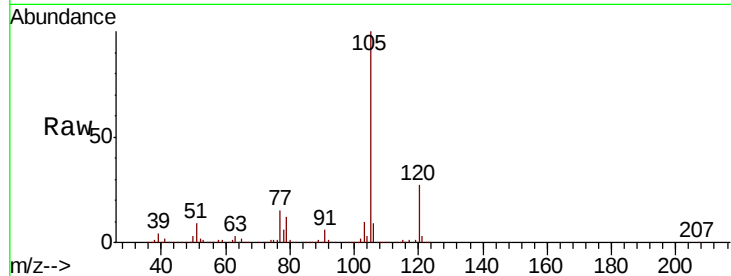
VSTDIC150

Tot Ion:105 Resp: 6442458

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 159.687 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Tgt Ion: 43 Resp: 1733290

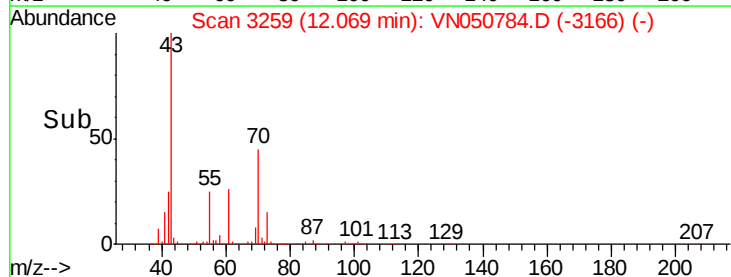
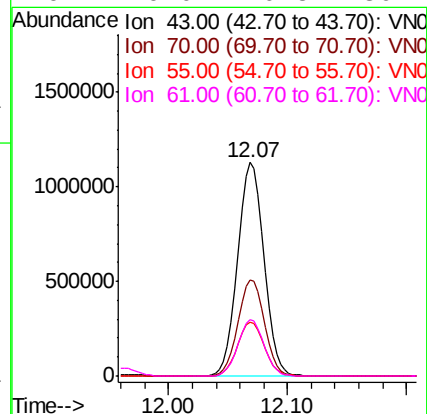
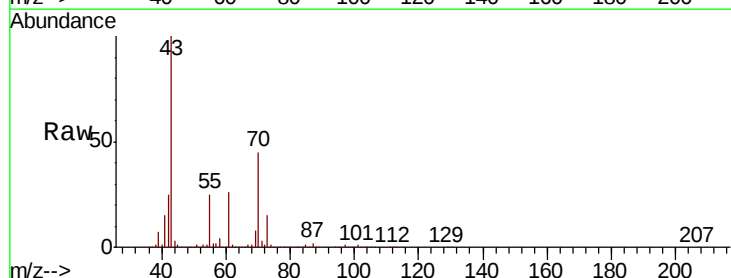
Ion Ratio Lower Upper

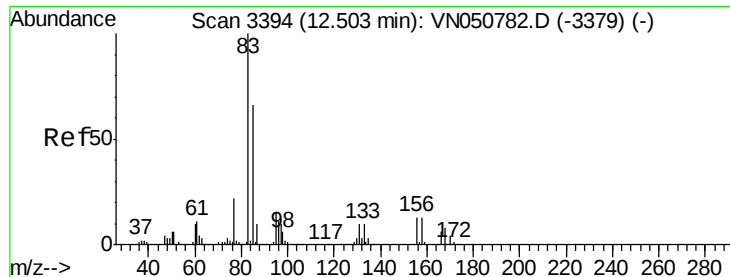
43 100

70 45.1 36.2 54.2

55 25.8 21.8 32.8

61 26.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 129.522 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

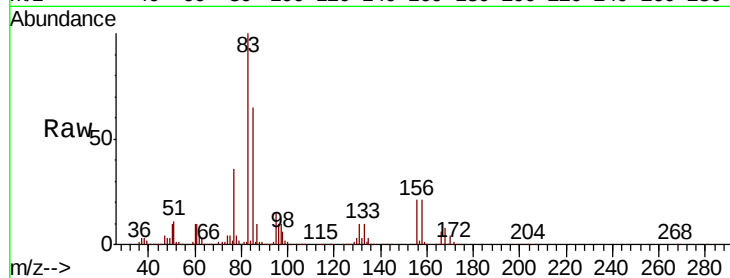
Tot Ion: 83 Resp: 1507594

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

85 64.7 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN050784.D (-3394) (-)

Ion 130.80 (130.50 to 131.50): VN050784.D (-3394) (-)

Ion 84.90 (84.60 to 85.60): VN050784.D (-3394) (-)

1200000

1000000

800000

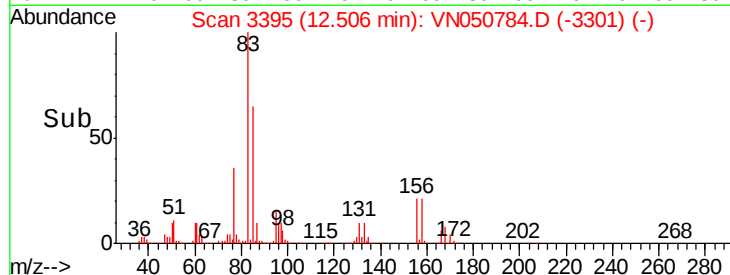
600000

400000

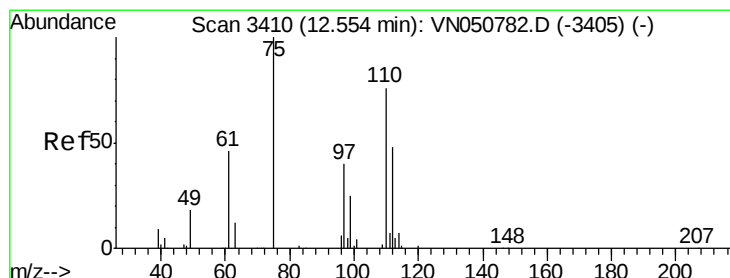
200000

0

Time-->



12.51



#76

1,2,3-Trichloropropane

Concen: 213.425 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050784.D

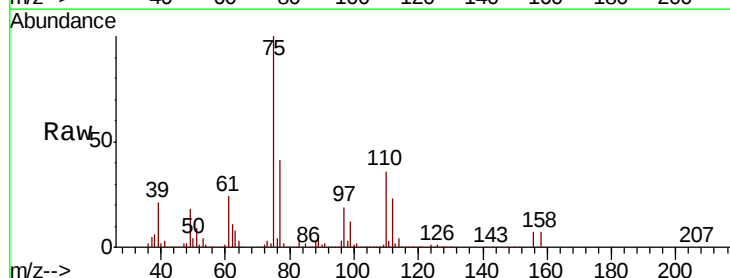
Acq: 21 Aug 2018 11:58

Tgt Ion: 75 Resp: 1887837

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050784.D (-3410) (-)

Ion 77.00 (76.70 to 77.70): VN050784.D (-3410) (-)

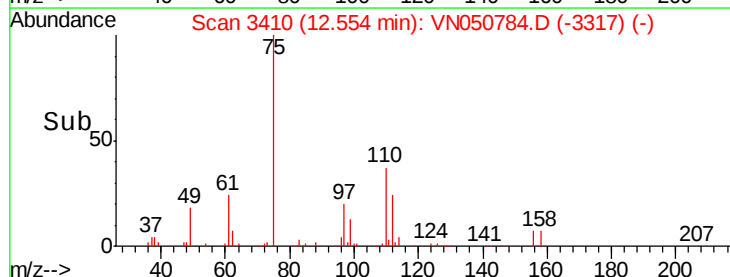
1500000

1000000

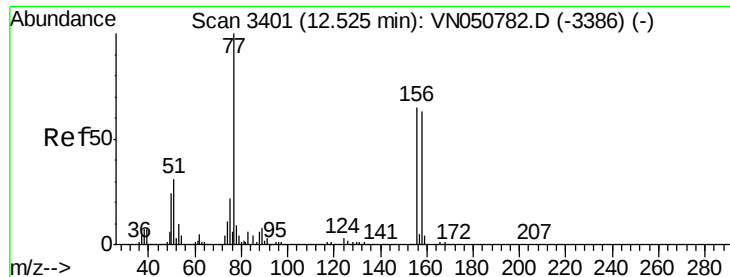
500000

0

Time-->



12.55



#77

Bromobenzene

Concen: 143.743 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

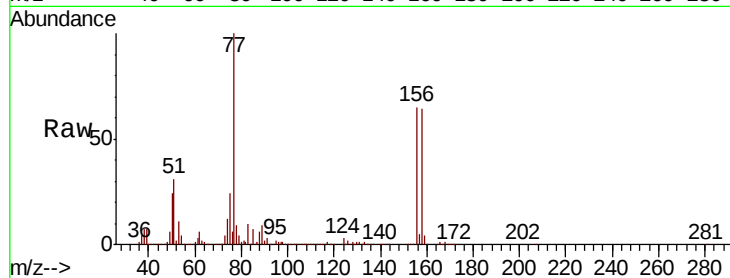
Tot Ion:156 Resp: 1687605

Ion Ratio Lower Upper

156 100

77 177.6 89.9 269.7

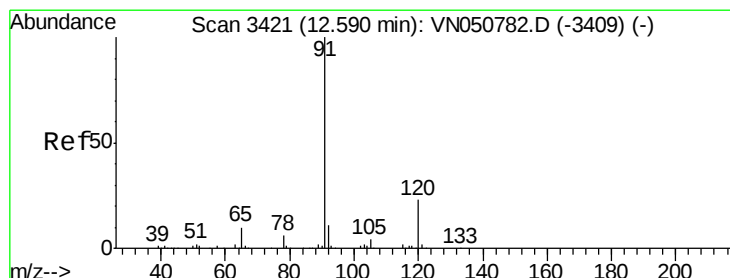
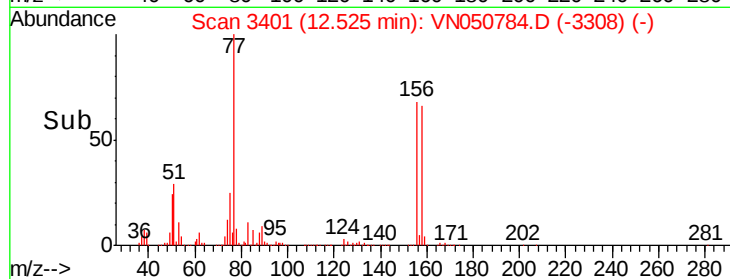
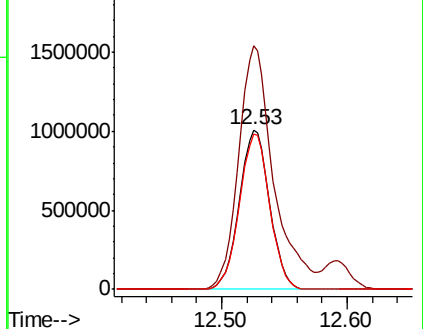
158 97.6 49.3 147.9



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: 154.643 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050784.D

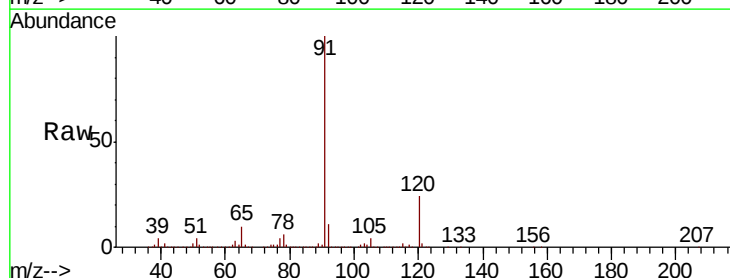
Acq: 21 Aug 2018 11:58

Tgt Ion: 91 Resp: 7462704

Ion Ratio Lower Upper

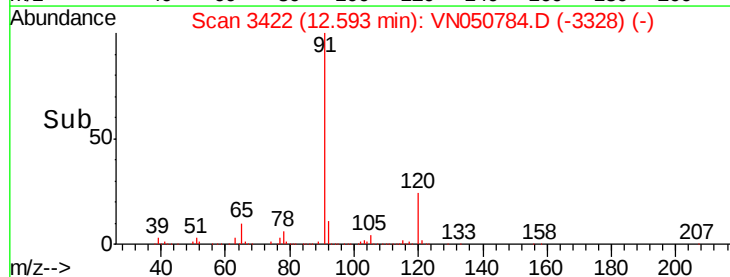
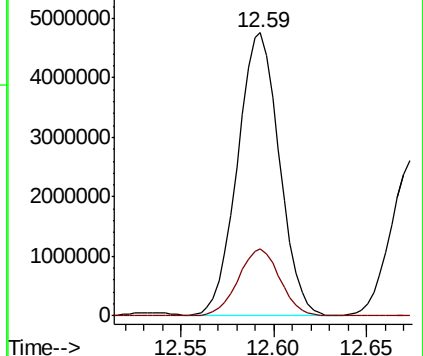
91 100

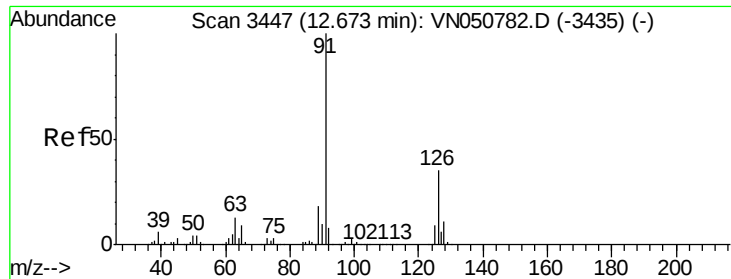
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 145.546 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

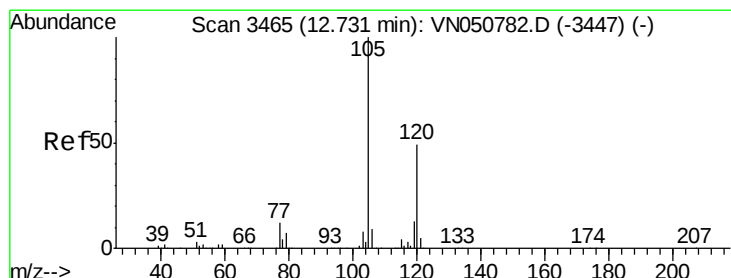
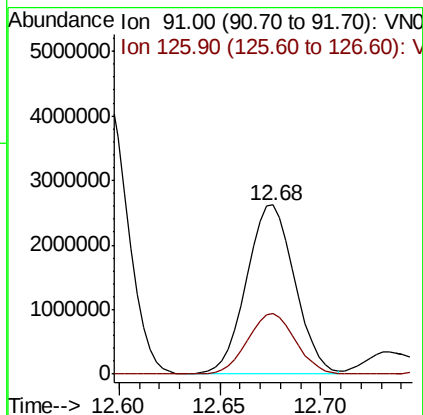
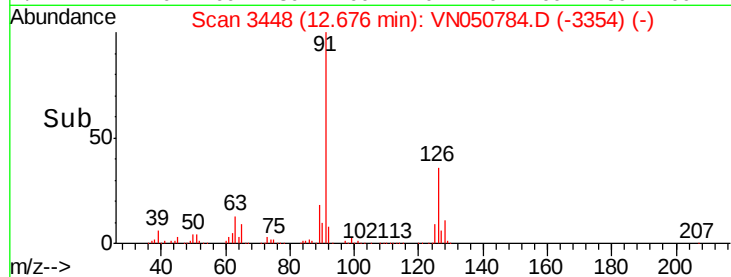
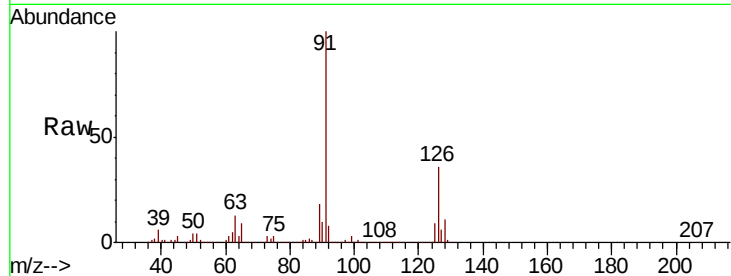
VSTDIC150

Tot Ion: 91 Resp: 4374986

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 153.813 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050784.D

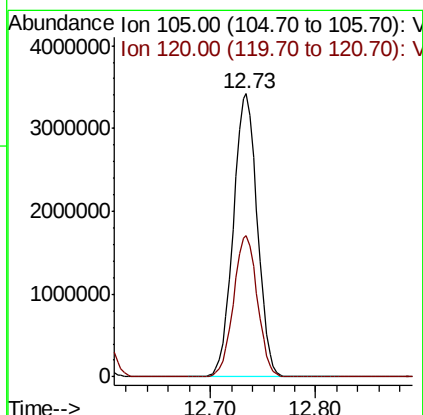
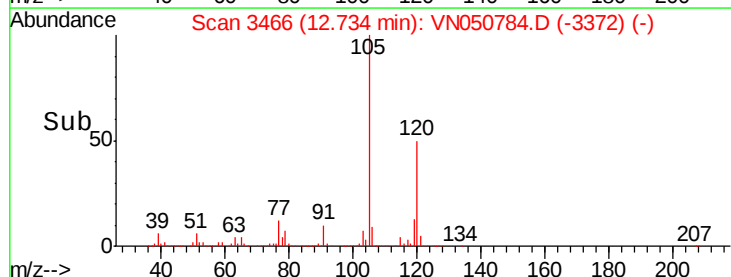
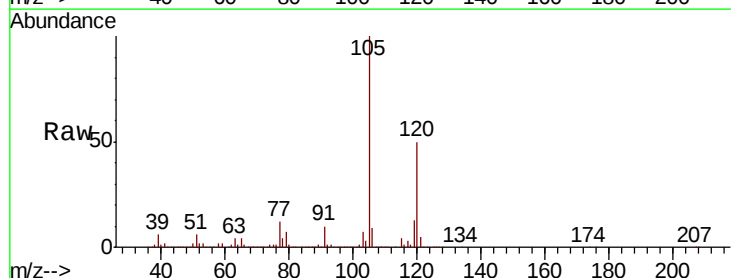
Acq: 21 Aug 2018 11:58

Tgt Ion: 105 Resp: 5361429

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 165.168 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

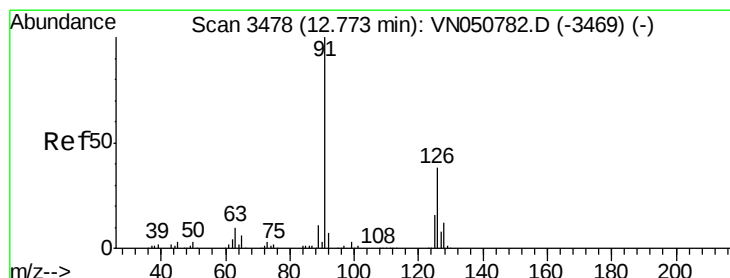
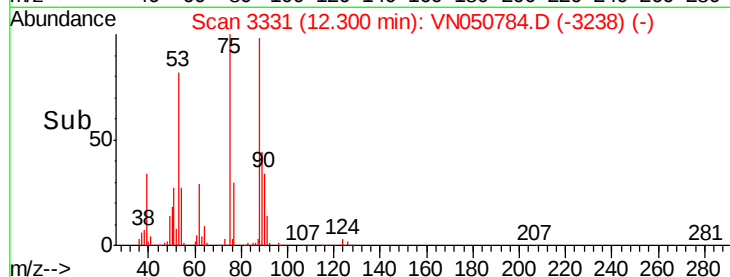
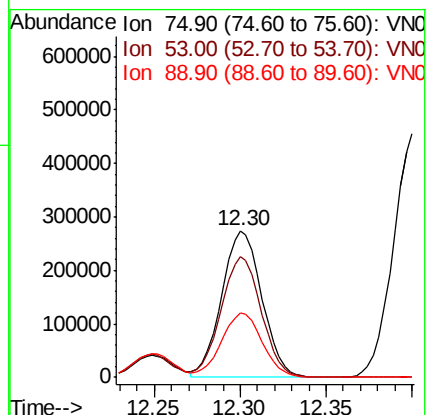
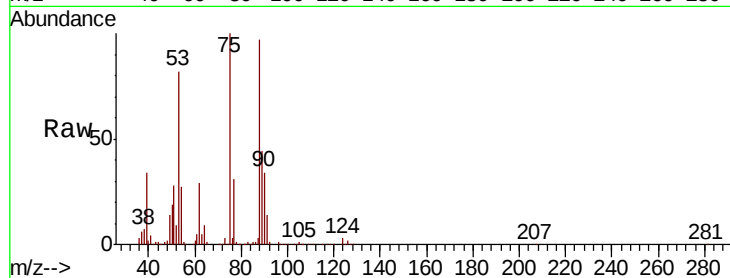
Tot Ion: 75 Resp: 446447

Ion Ratio Lower Upper

75 100

53 82.8 68.9 103.3

89 44.6 36.1 54.1



#82

4-Chlorotoluene

Concen: 152.764 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050784.D

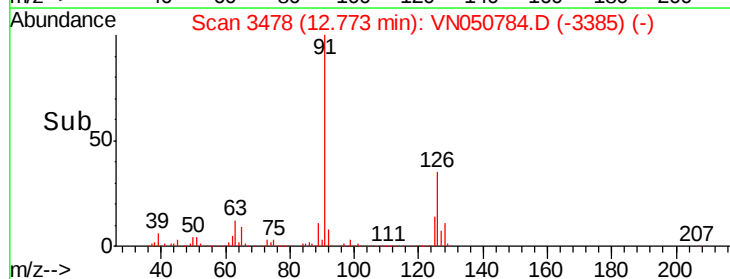
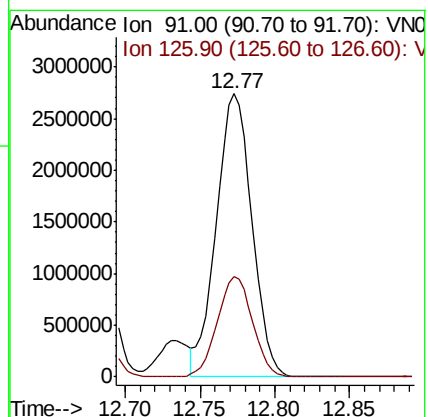
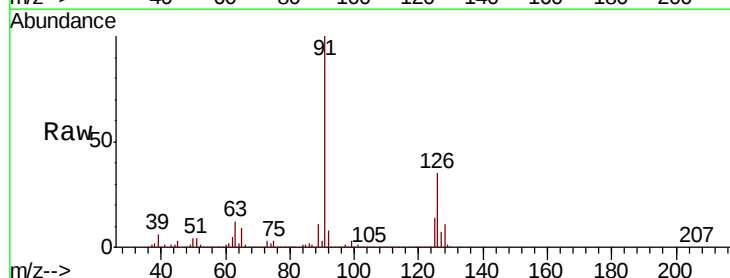
Acq: 21 Aug 2018 11:58

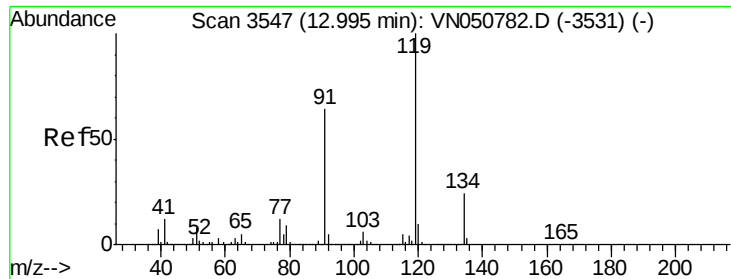
Tgt Ion: 91 Resp: 4533273

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5

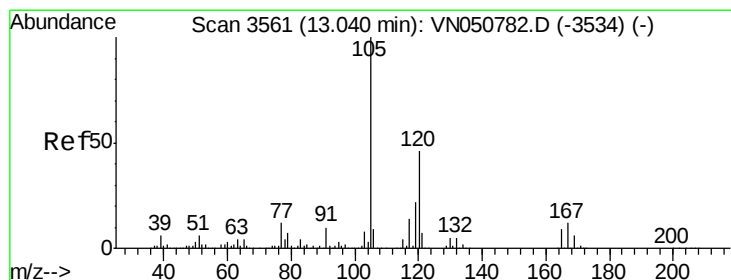
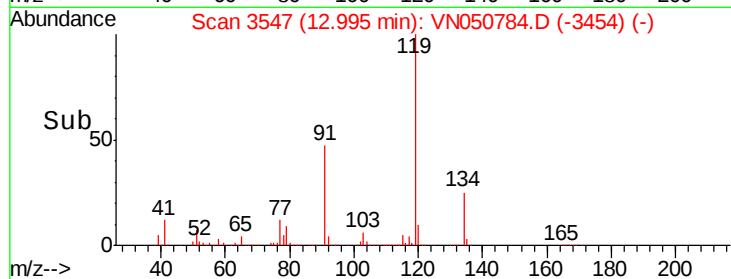
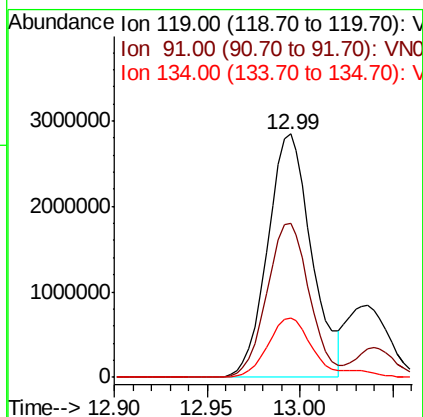
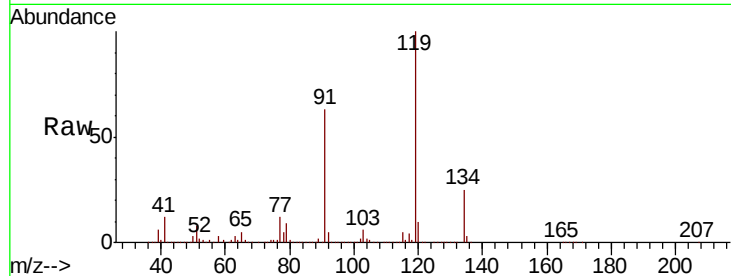




#83
tert-Butylbenzene
Concen: 155.747 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

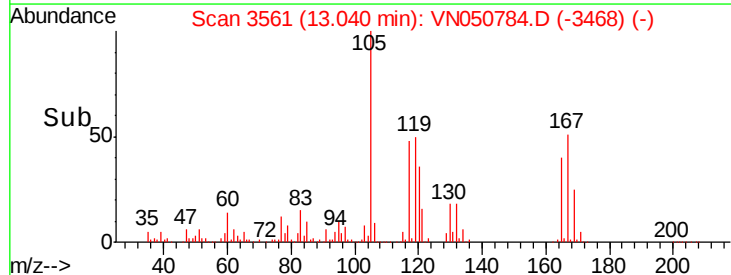
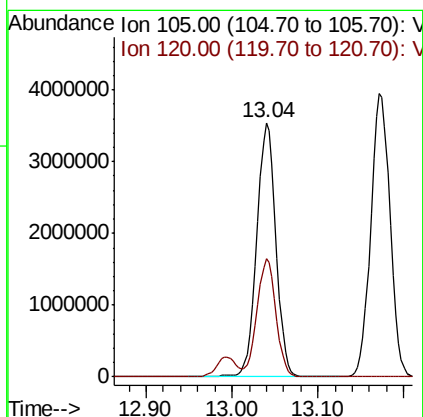
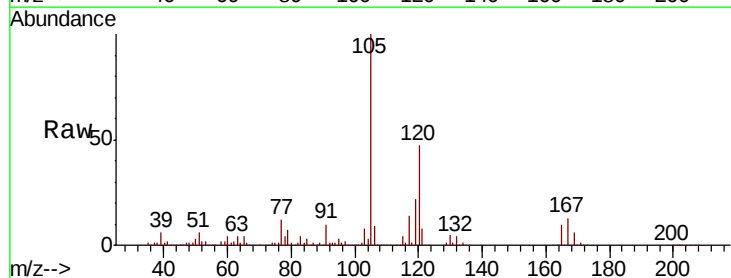
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

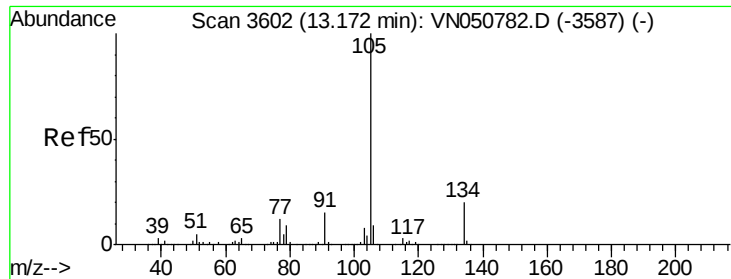
Tot Ion:119 Resp: 4701609
Ion Ratio Lower Upper
119 100
91 62.0 31.6 94.7
134 26.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 156.435 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion:105 Resp: 5484955
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 156.101 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

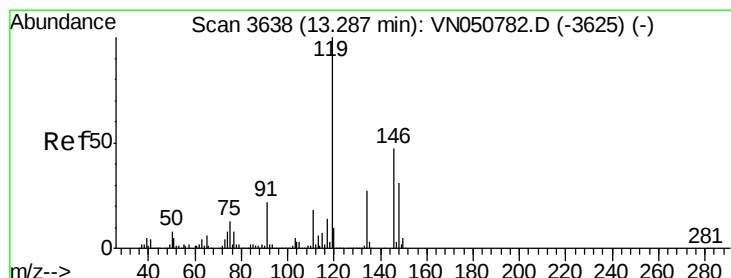
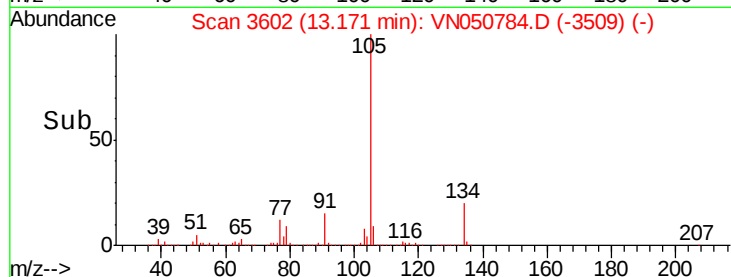
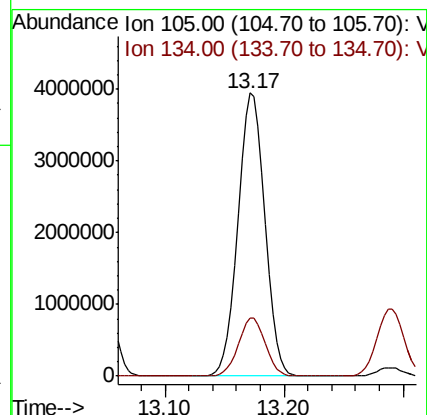
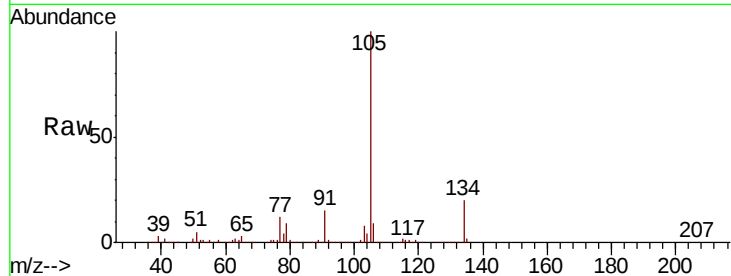
VSTDIC150

Tot Ion:105 Resp: 6174842

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 162.503 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

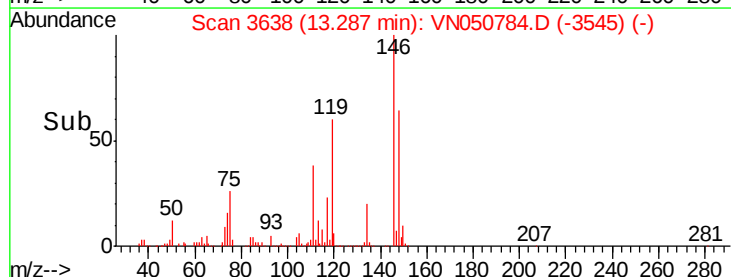
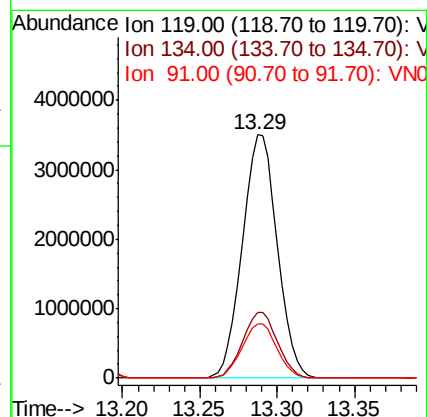
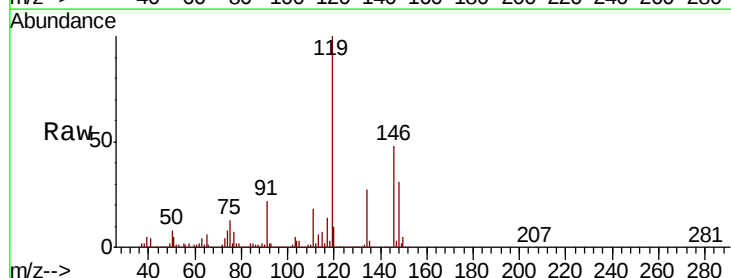
Tgt Ion:119 Resp: 5477278

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 149.985 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

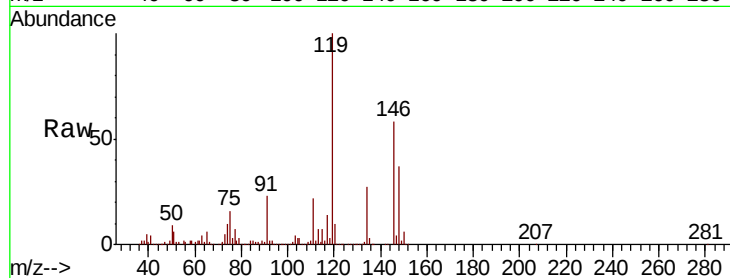
Tot Ion:146 Resp: 2988215

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.3

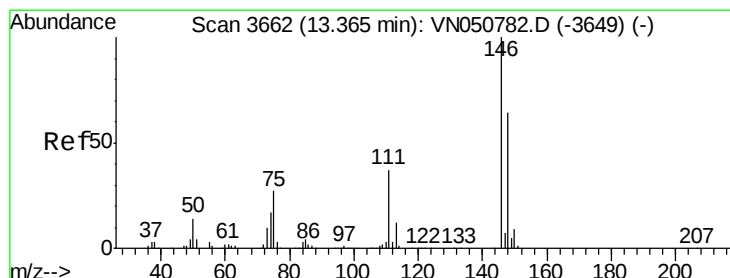
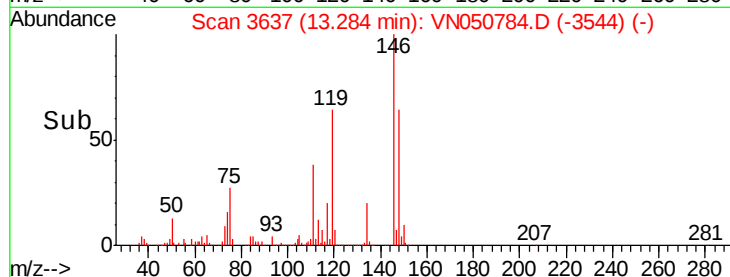
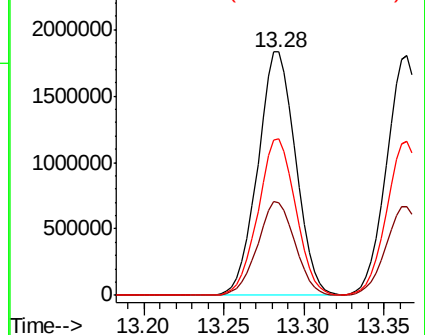
148 63.9 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 148.709 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

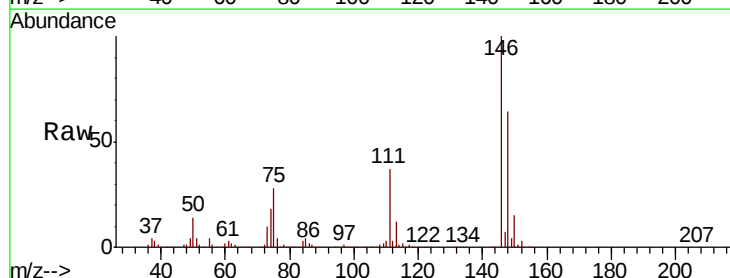
Tgt Ion:146 Resp: 2915910

Ion Ratio Lower Upper

146 100

111 37.1 18.8 56.3

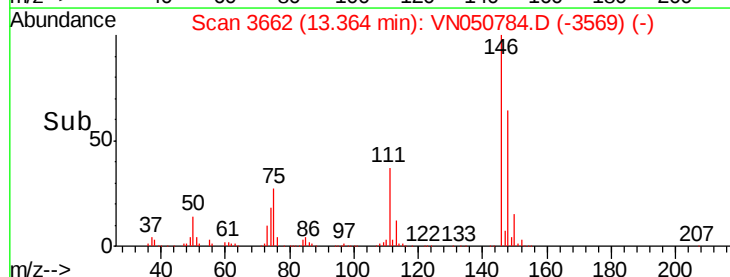
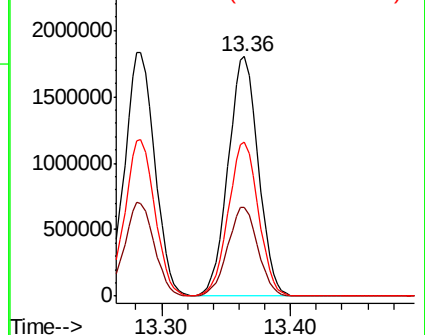
148 64.4 32.2 96.6

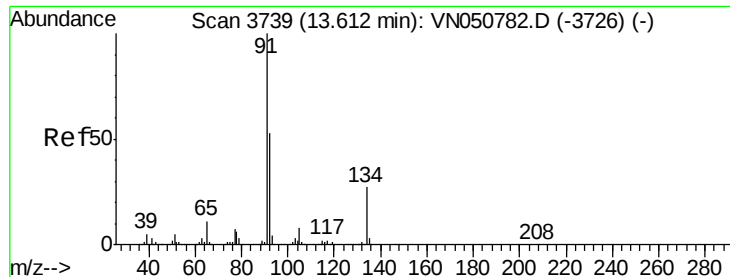


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

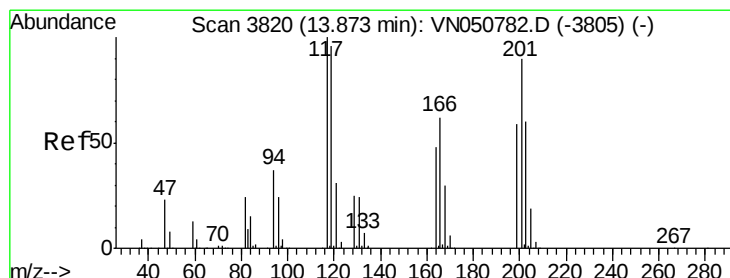
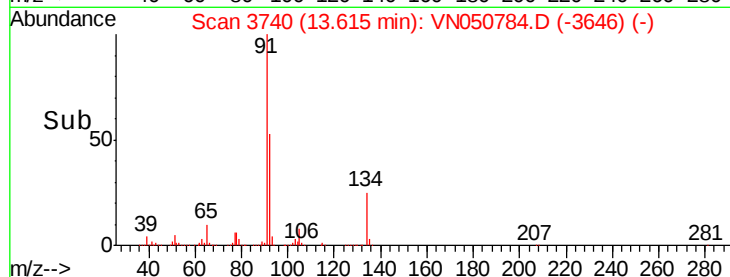
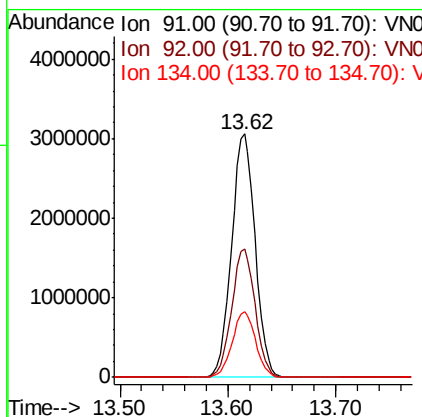
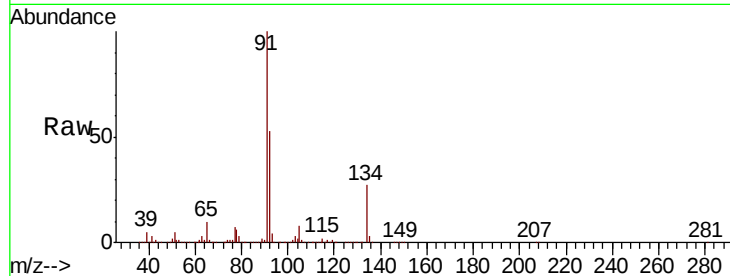




#89
n-Butylbenzene
Concen: 172.660 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

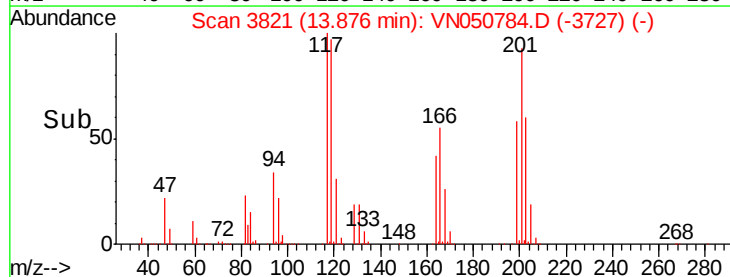
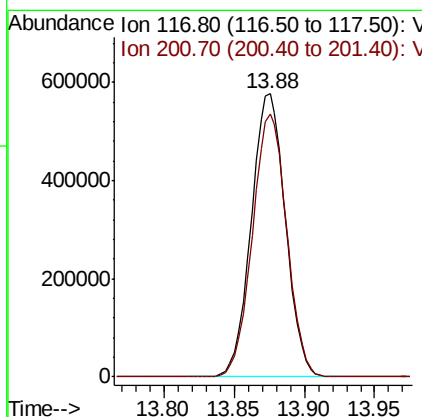
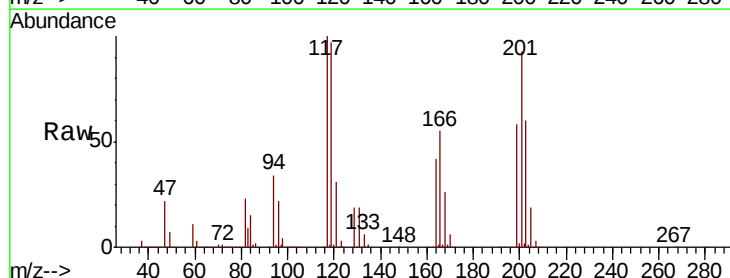
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

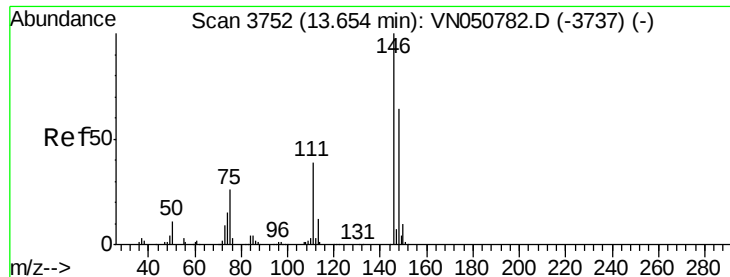
Tot Ion: 91 Resp: 4654487
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.2
134 26.9 13.2 39.6



#90
Hexachloroethane
Concen: 140.066 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050784.D
Acq: 21 Aug 2018 11:58

Tgt Ion: 117 Resp: 977114
Ion Ratio Lower Upper
117 100
201 93.1 46.0 137.8

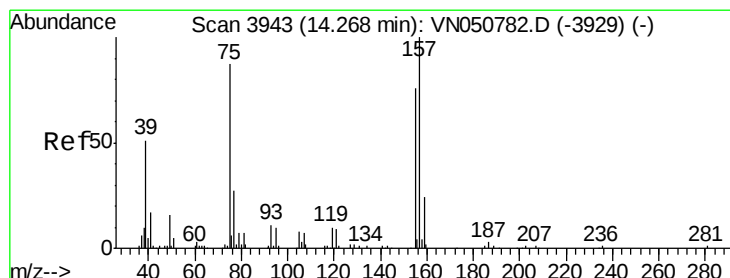
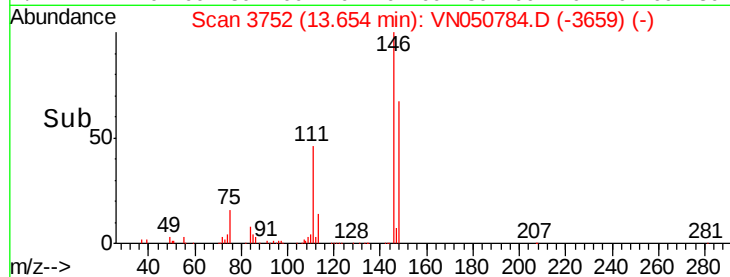
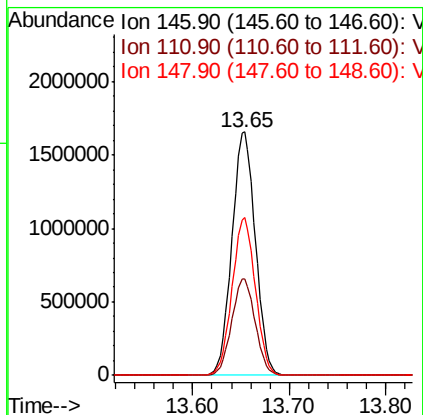
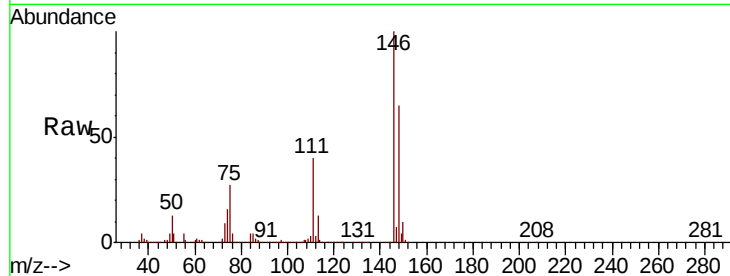




#91
 1,2-Dichlorobenzene
 Concen: 144.767 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

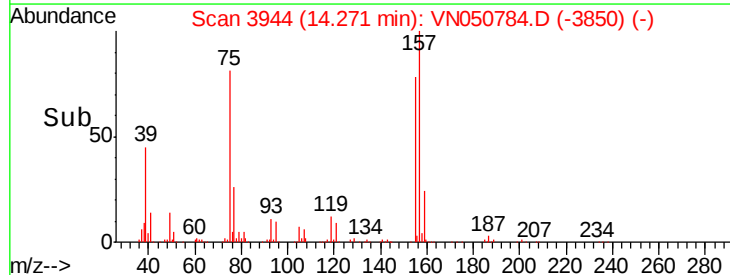
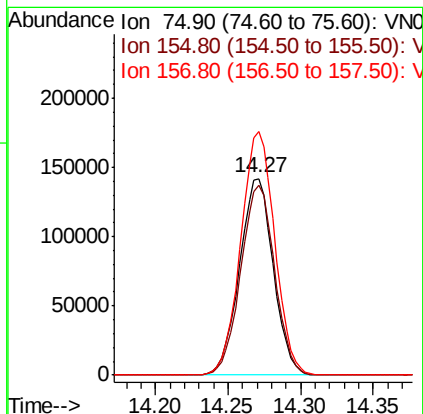
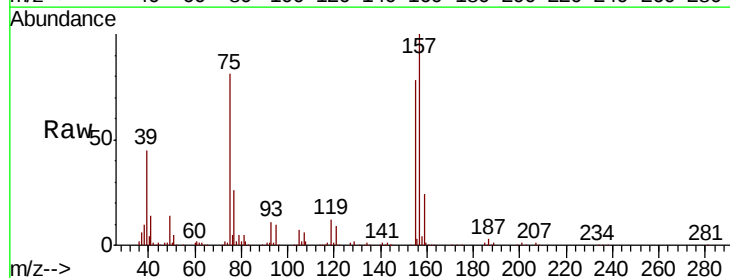
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

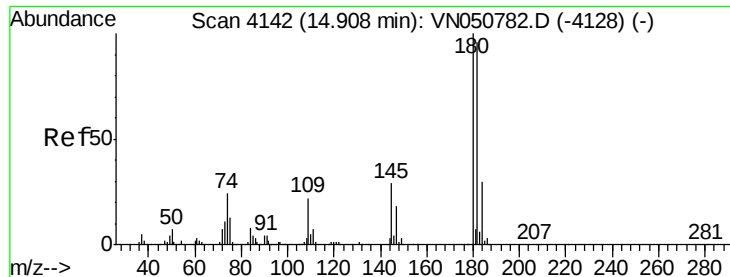
Tot Ion:146 Resp: 2782636
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.3
 148 64.4 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 148.759 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Tgt Ion: 75 Resp: 230788
 Ion Ratio Lower Upper
 75 100
 155 96.5 46.4 139.1
 157 124.2 60.7 182.0

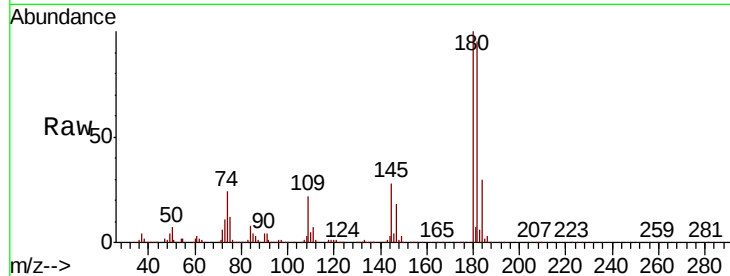




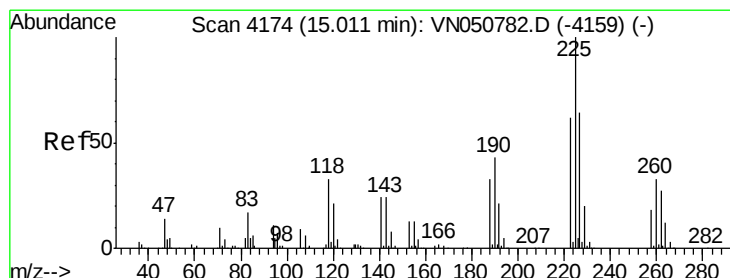
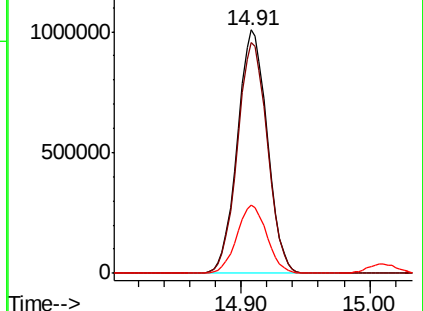
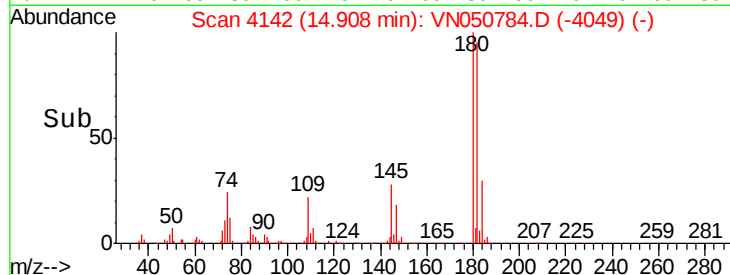
#93
 1,2,4-Trichlorobenzene
 Concen: 193.730 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 1620900
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.2 144.6
 145 28.1 14.1 42.2

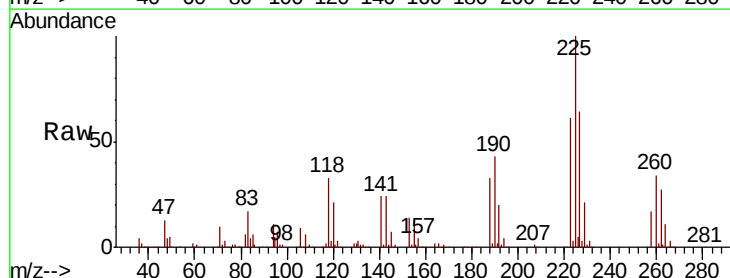


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

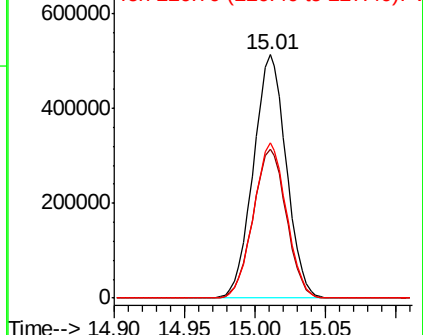
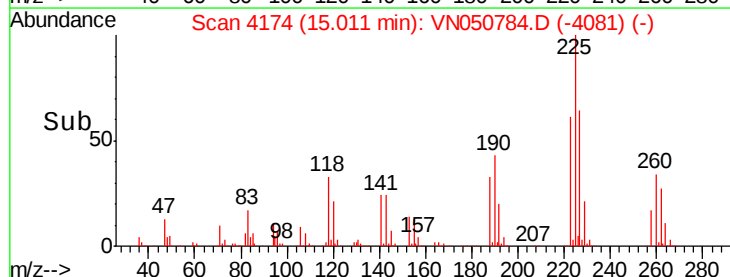


#94
 Hexachlorobutadiene
 Concen: 133.729 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050784.D
 Acq: 21 Aug 2018 11:58

Tgt Ion:225 Resp: 838131
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 63.9 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 210.740 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

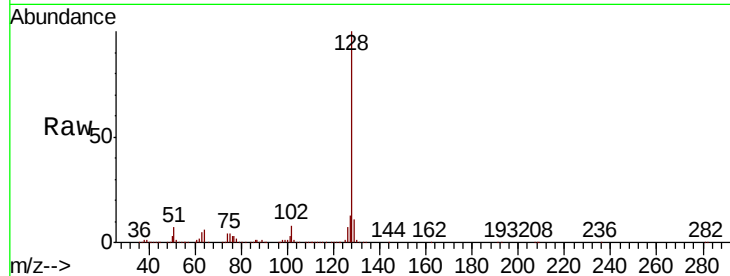
Tot Ion:128 Resp: 3478702

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

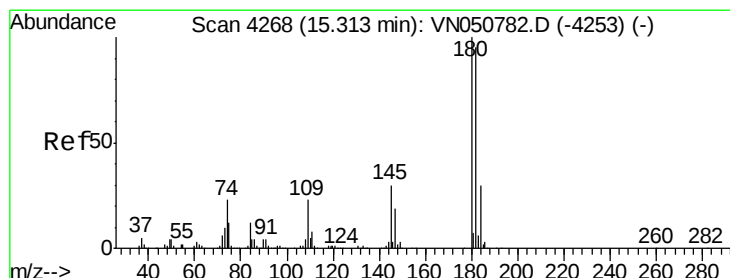
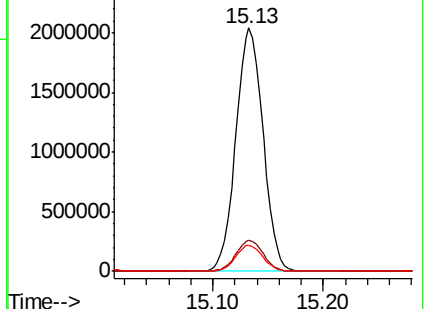
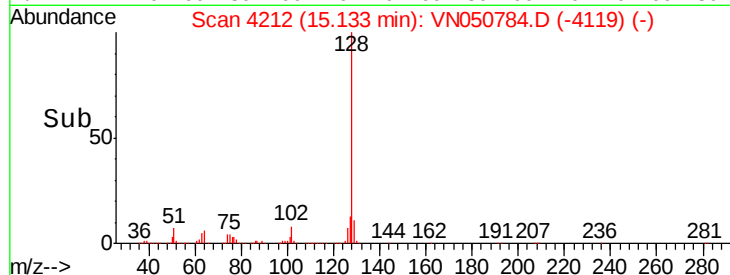
129 10.8 8.7 13.1



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: 183.743 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.00 min

Lab File: VN050784.D

Acq: 21 Aug 2018 11:58

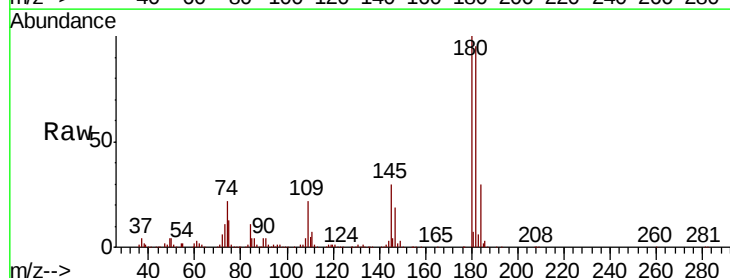
Tgt Ion:180 Resp: 1496983

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.2

145 30.0 15.2 45.6



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

