

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053457.D
 Acq On : 18 Jan 2019 1:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Quant Time: Jan 18 02:42:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	788176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1213418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1113556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	551955	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	413680	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
35) Dibromofluoromethane	7.59	113	360287	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
50) Toluene-d8	10.09	98	1496476	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	522355	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	309630	48.861	ug/l	99
3) Chloromethane	2.06	50	439273	48.483	ug/l	99
4) Vinyl Chloride	2.19	62	432137	49.480	ug/l	99
5) Bromomethane	2.57	94	285810	47.694	ug/l	98
6) Chloroethane	2.71	64	258729	48.999	ug/l	97
7) Trichlorofluoromethane	3.02	101	584559	51.171	ug/l	100
8) Diethyl Ether	3.41	74	235716	54.939	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	363610	50.259	ug/l	100
10) Methyl Iodide	3.96	142	563915	51.006	ug/l	100
11) Tert butyl alcohol	4.78	59	134051	351.658	ug/l	99
12) 1,1-Dichloroethene	3.74	96	355713	50.691	ug/l	97
13) Acrolein	3.61	56	173904	235.267	ug/l	99
14) Allyl chloride	4.33	41	584039	51.239	ug/l	99
15) Acrylonitrile	4.99	53	731146	291.444	ug/l	100
16) Acetone	3.81	43	477743	261.382	ug/l	98
17) Carbon Disulfide	4.06	76	1037575	48.895	ug/l	100
18) Methyl Acetate	4.33	43	349900	56.820	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1045604	56.079	ug/l	100
20) Methylene Chloride	4.56	84	419761	50.303	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	386704	51.545	ug/l	99
22) Diisopropyl ether	5.95	45	1274964	53.581	ug/l	99
23) Vinyl Acetate	5.90	43	4110851	281.044	ug/l	99
24) 1,1-Dichloroethane	5.85	63	732656	52.084	ug/l	100
25) 2-Butanone	6.83	43	811003	287.937	ug/l	99
26) 2,2-Dichloropropane	6.83	77	445774	41.972	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	453704	52.886	ug/l	97
28) Bromochloromethane	7.20	49	325670	52.553	ug/l	99
29) Tetrahydrofuran	7.21	42	547401	298.537	ug/l	98
30) Chloroform	7.37	83	724661	52.874	ug/l	100
31) Cyclohexane	7.66	56	662632	48.398	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	611939	52.635	ug/l	99
36) 1,1-Dichloropropene	7.80	75	554731	50.198	ug/l	99
37) Ethyl Acetate	6.93	43	367291	57.770	ug/l	99
38) Carbon Tetrachloride	7.78	117	527183	50.390	ug/l	99

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

39) Methylcyclohexane	9.08	83	655709	48.007	ug/l	100
40) Benzene	8.04	78	1699493	50.608	ug/l	100
41) Methacrylonitrile	7.17	41	188837	49.985	ug/l	91
42) 1,2-Dichloroethane	8.13	62	509958	52.126	ug/l	100
43) Isopropyl Acetate	8.17	43	659423	57.682	ug/l	99
44) Trichloroethene	8.84	130	474598	50.963	ug/l	99
45) 1,2-Dichloropropane	9.12	63	451511	50.762	ug/l	100
46) Dibromomethane	9.21	93	267099	52.267	ug/l	99
47) Bromodichloromethane	9.40	83	552925	51.450	ug/l	99
48) Methyl methacrylate	9.20	41	331137	56.099	ug/l	99
49) 1,4-Dioxane	9.20	88	77104	1337.522	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1865771	298.967	ug/l	100
52) Toluene	10.16	92	1054335	50.573	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	564996	51.868	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	644930	50.506	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	389355	54.170	ug/l	99
56) Ethyl methacrylate	10.43	69	527536	51.646	ug/l	100
57) 1,3-Dichloropropane	10.71	76	667061	53.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1358389	270.145	ug/l	99
59) 2-Hexanone	10.75	43	1284472	293.197	ug/l	100
60) Dibromochloromethane	10.90	129	435798	53.457	ug/l	100
61) 1,2-Dibromoethane	11.01	107	388990	53.512	ug/l	100
64) Tetrachloroethene	10.63	164	529905	50.496	ug/l	99
65) Chlorobenzene	11.43	112	1182653	50.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	425016	51.833	ug/l	99
67) Ethyl Benzene	11.51	91	2033727	50.629	ug/l	100
68) m/p-Xylenes	11.62	106	1555077	102.536	ug/l	100
69) o-Xylene	11.95	106	758007	51.436	ug/l	99
70) Styrene	11.96	104	1266265	52.943	ug/l	100
71) Bromoform	12.13	173	310801	55.057	ug/l #	99
73) Isopropylbenzene	12.25	105	2022472	50.036	ug/l	99
74) N-amyl acetate	12.07	43	608537	56.476	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	454769	53.646	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	404300m	55.584	ug/l	
77) Bromobenzene	12.53	156	535788	50.305	ug/l	100
78) n-propylbenzene	12.59	91	2317127	49.941	ug/l	99
79) 2-Chlorotoluene	12.68	91	1353321	49.209	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1653904	50.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	132944	46.445	ug/l	99
82) 4-Chlorotoluene	12.77	91	1401192	49.961	ug/l	100
83) tert-Butylbenzene	12.99	119	1458783	50.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1699247	51.244	ug/l	99
85) sec-Butylbenzene	13.17	105	2003897	50.304	ug/l	100
86) p-Isopropyltoluene	13.29	119	1751106	50.627	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	948242	50.613	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	944224	50.243	ug/l	100
89) n-Butylbenzene	13.62	91	1476100	50.065	ug/l	100
90) Hexachloroethane	13.88	117	277655	51.184	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	917159	53.211	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66142	61.534	ug/l	99

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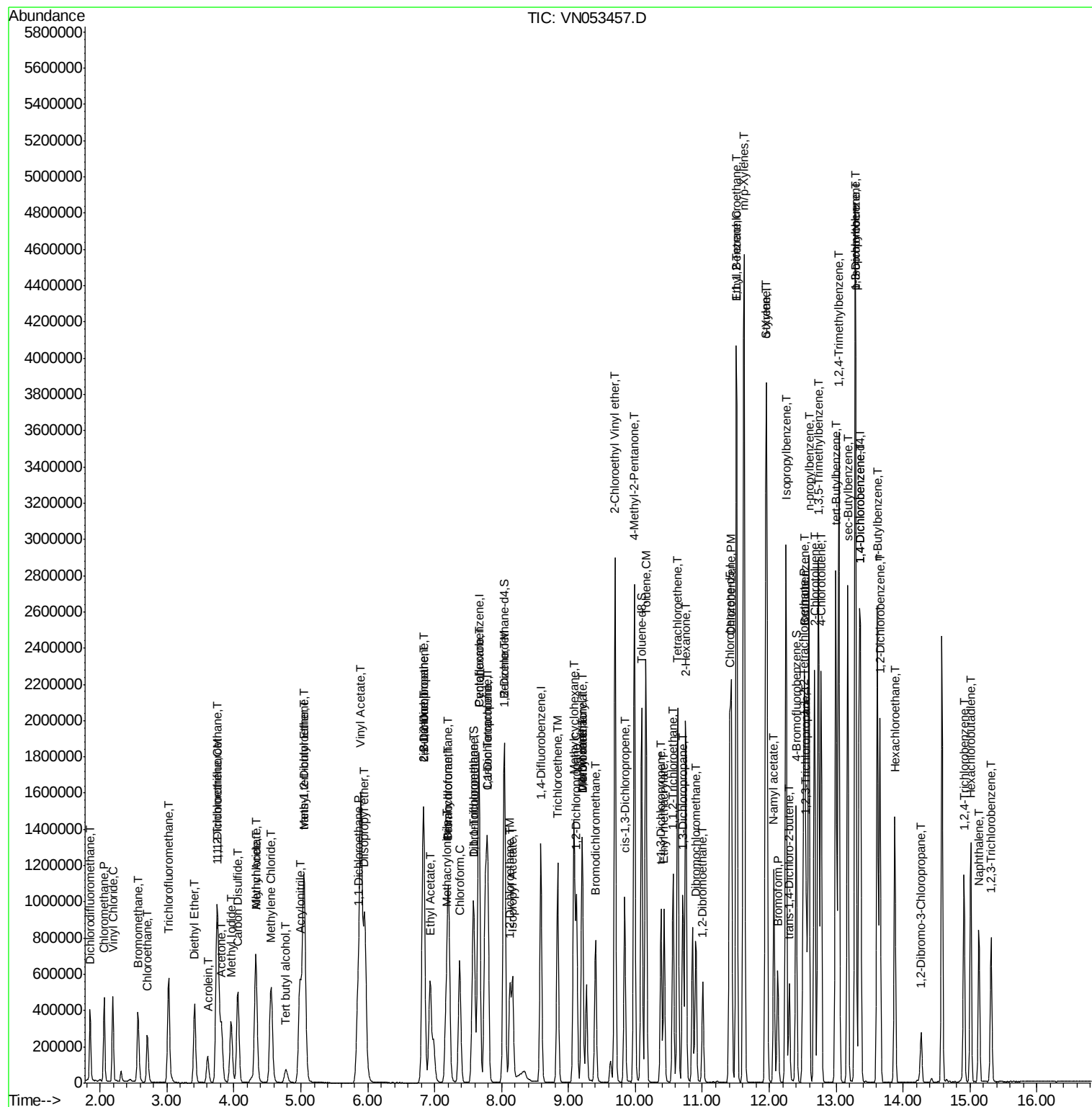
Quant Time: Jan 18 02:42:04 2019
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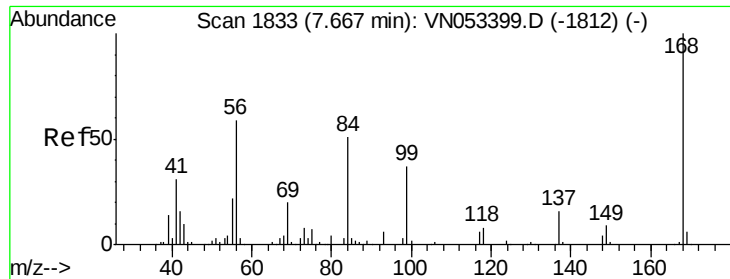
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	407933	53.438	ug/l	99
94) Hexachlorobutadiene	15.01	225	286999	53.377	ug/l	99
95) Naphthalene	15.13	128	737695	54.870	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	307361	54.824	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053457.D

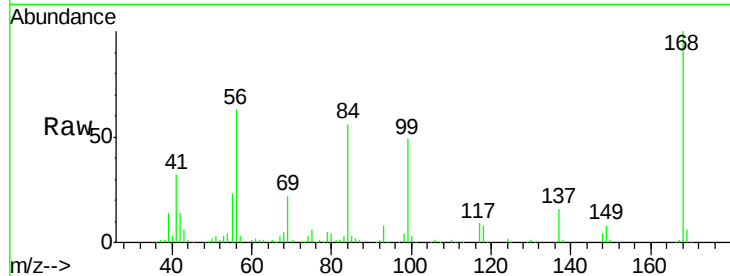
Acq: 18 Jan 2019 1:21

Tot Ion:168 Resp: 788176

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

300000

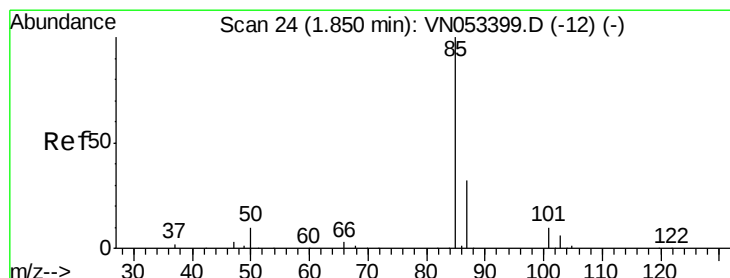
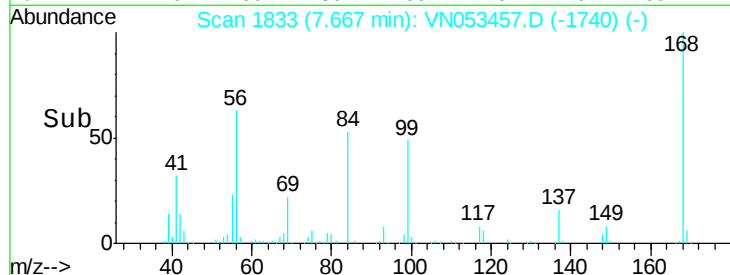
200000

100000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 48.861 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053457.D

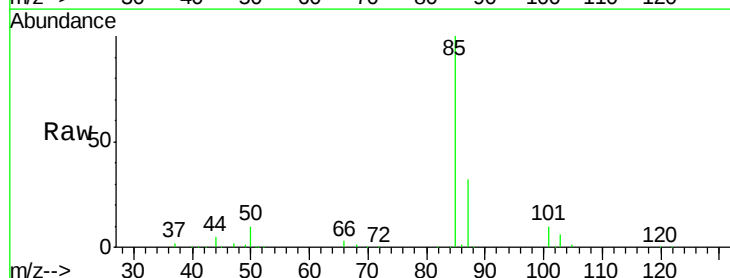
Acq: 18 Jan 2019 1:21

Tgt Ion: 85 Resp: 309630

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN053399.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN053399.D (-12) (-)

1.85

250000

200000

150000

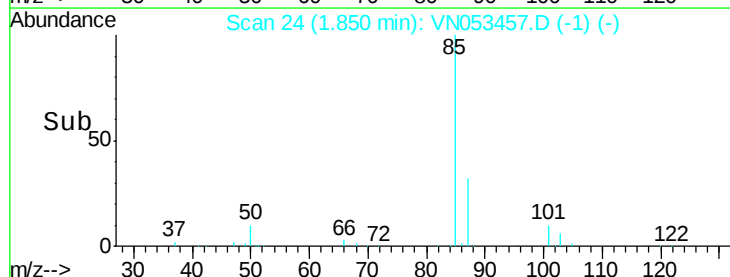
100000

50000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 48.483 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053457.D

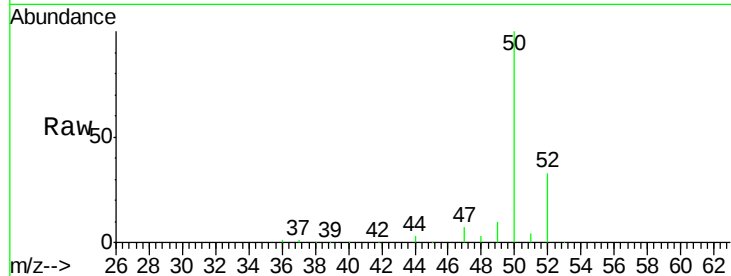
Acq: 18 Jan 2019 1:21

Tot Ion: 50 Resp: 439273

Ion Ratio Lower Upper

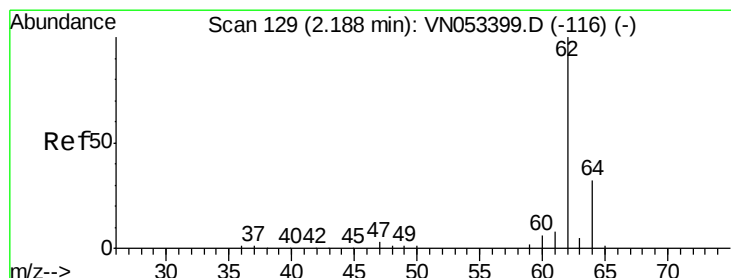
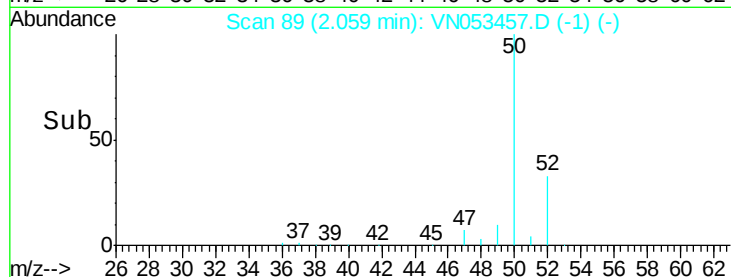
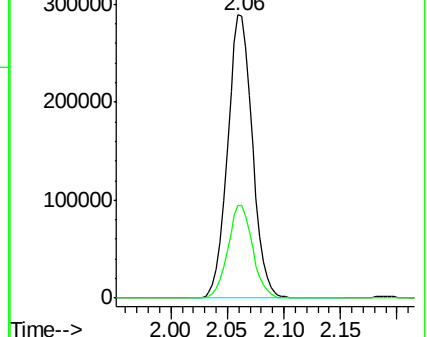
50 100

52 32.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.480 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053457.D

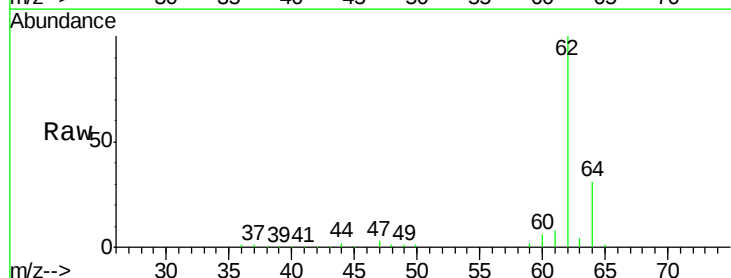
Acq: 18 Jan 2019 1:21

Tgt Ion: 62 Resp: 432137

Ion Ratio Lower Upper

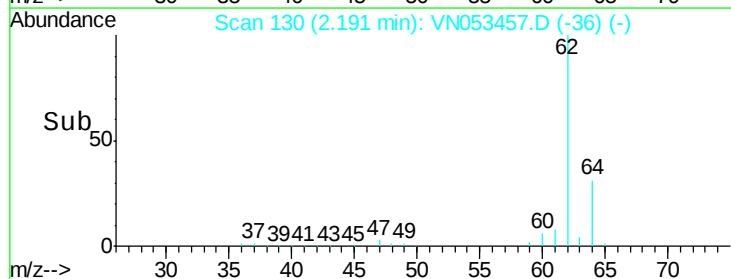
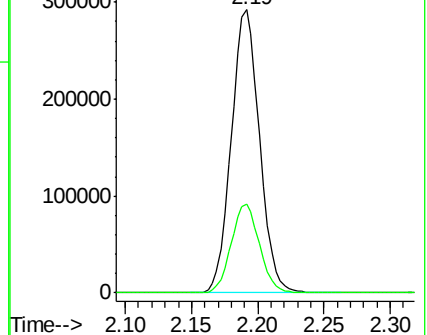
62 100

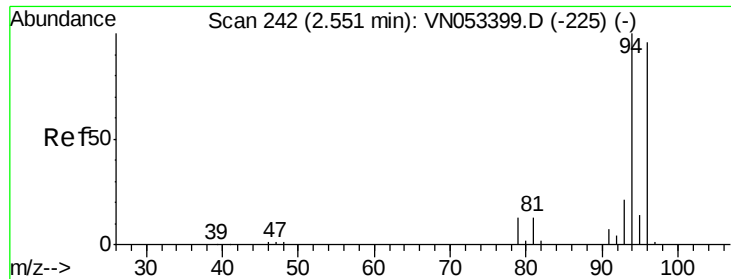
64 31.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 47.694 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.02 min

Lab File: VN053457.D

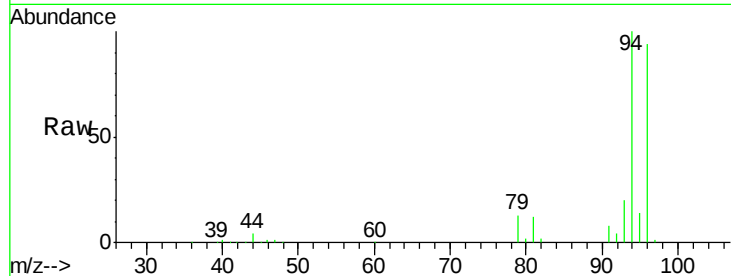
Acq: 18 Jan 2019 1:21

Tot Ion: 94 Resp: 285810

Ion Ratio Lower Upper

94 100

96 93.7 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

150000

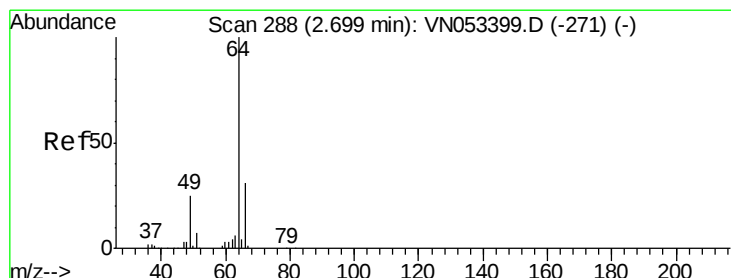
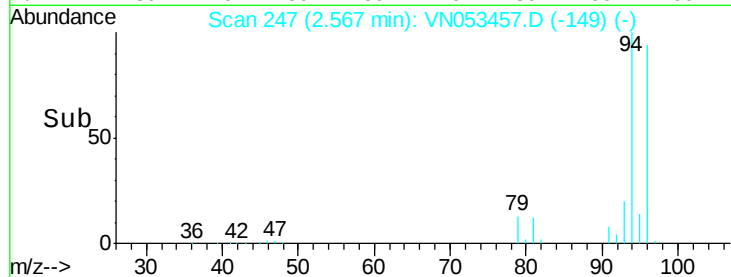
100000

50000

0

Time-->

2.50 2.60 2.70



#6

Chloroethane

Concen: 48.999 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN053457.D

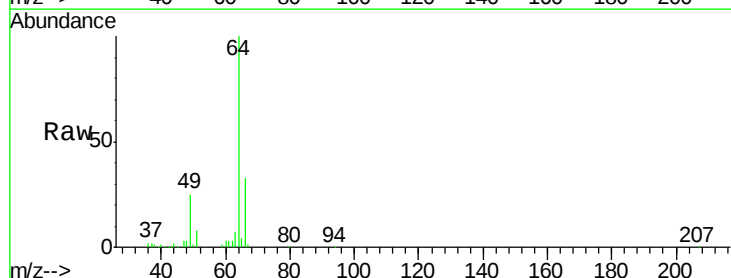
Acq: 18 Jan 2019 1:21

Tgt Ion: 64 Resp: 258729

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

150000

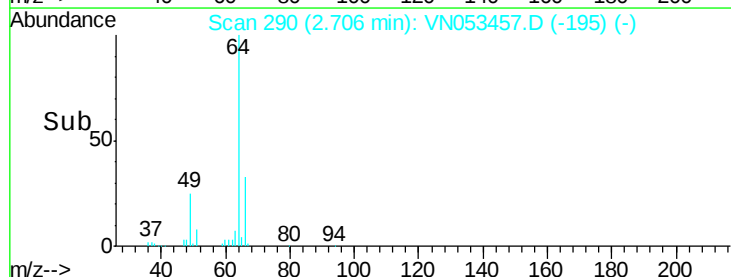
100000

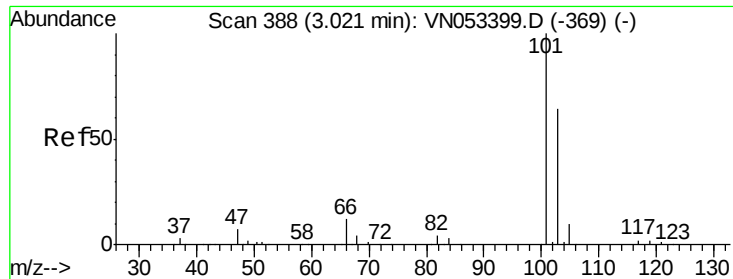
50000

0

Time-->

2.60 2.70 2.80

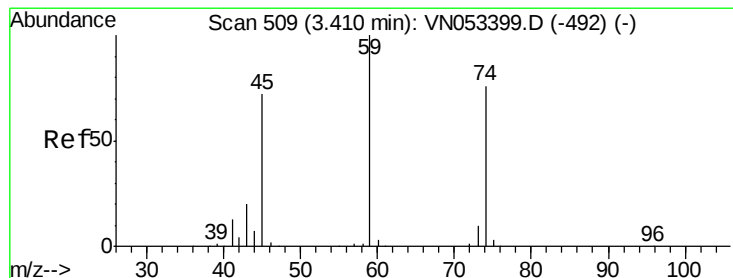
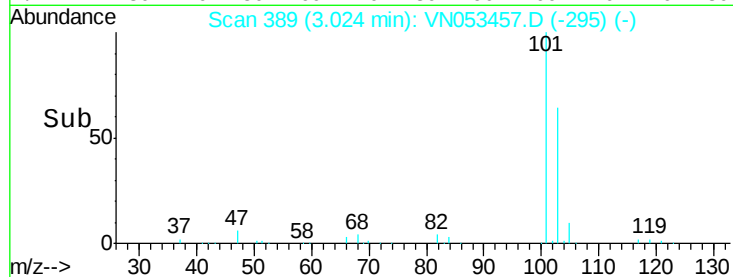
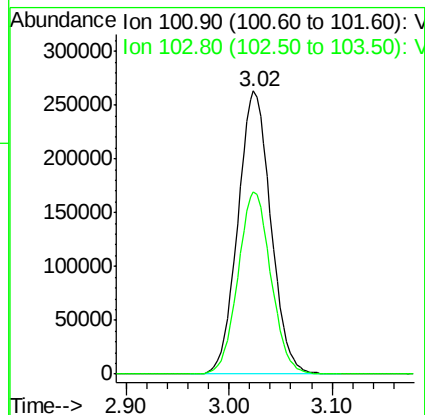
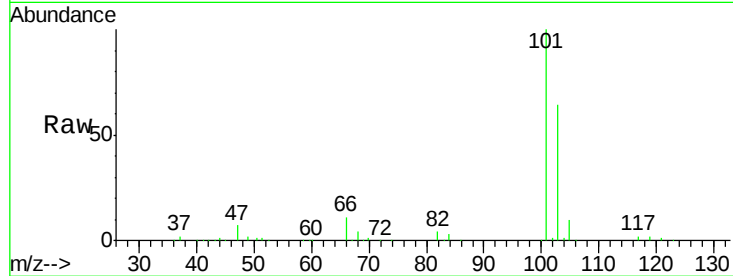




#7

Trichlorofluoromethane
Concen: 51.171 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

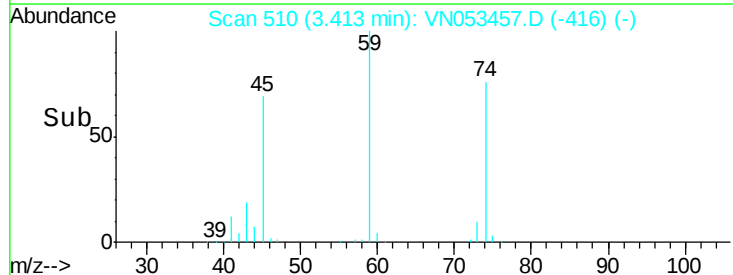
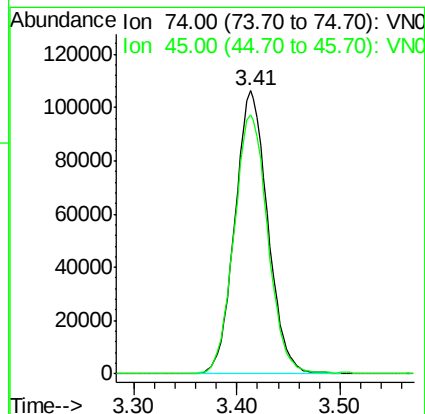
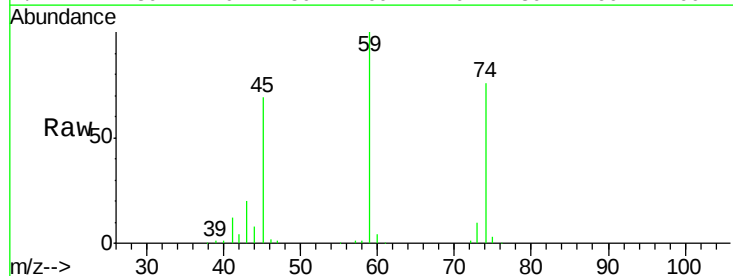
Tot Ion:101 Resp: 584559
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

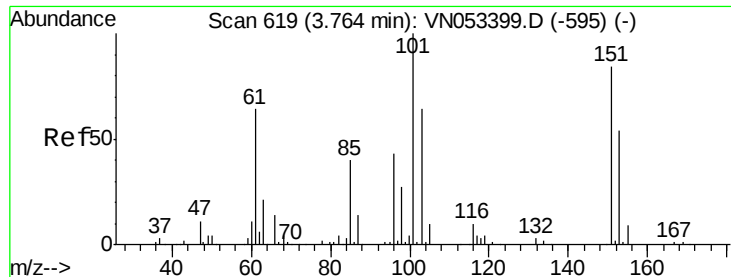


#8

Diethyl Ether
Concen: 54.939 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion: 74 Resp: 235716
Ion Ratio Lower Upper
74 100
45 94.0 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.259 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

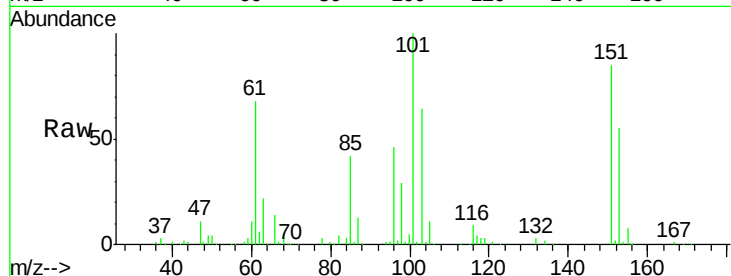
Tot Ion:101 Resp: 363610

Ion Ratio Lower Upper

101 100

85 41.5 32.8 49.2

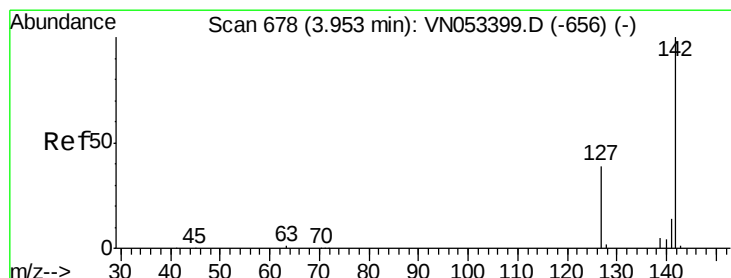
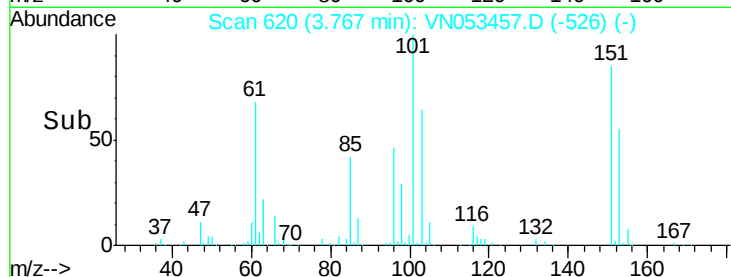
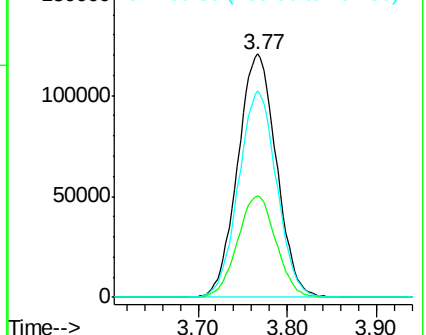
151 83.8 66.9 100.3



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: 51.006 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.01 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

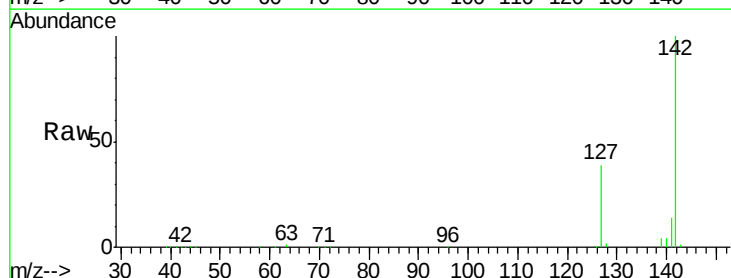
Tgt Ion:142 Resp: 563915

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

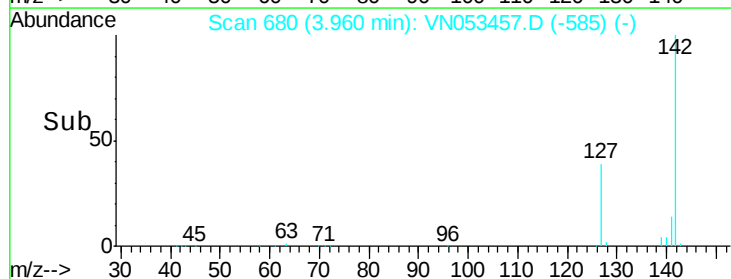
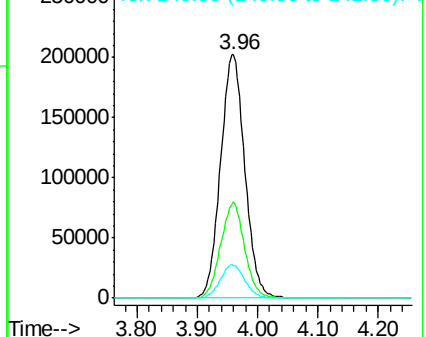
141 13.8 11.1 16.7

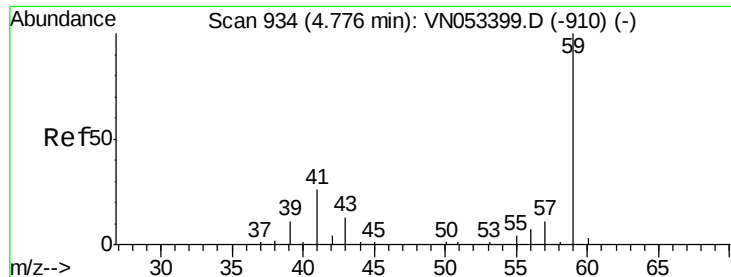


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 351.658 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN053457.D

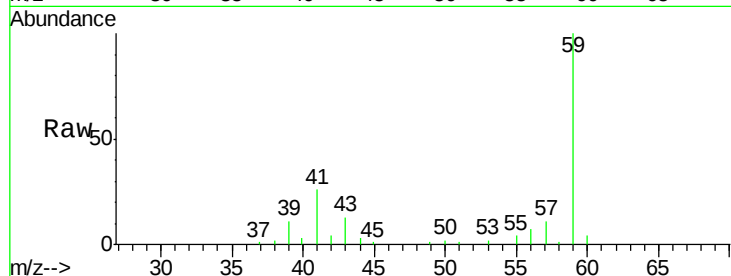
Acq: 18 Jan 2019 1:21

Tot Ion: 59 Resp: 134051

Ion Ratio Lower Upper

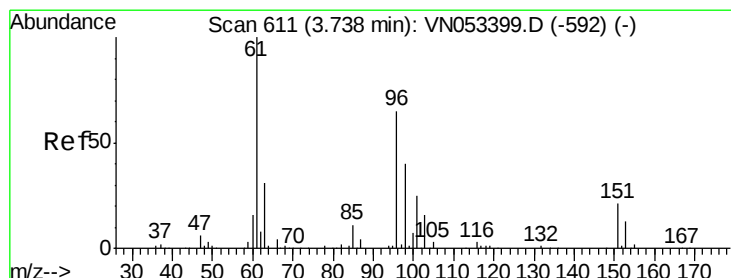
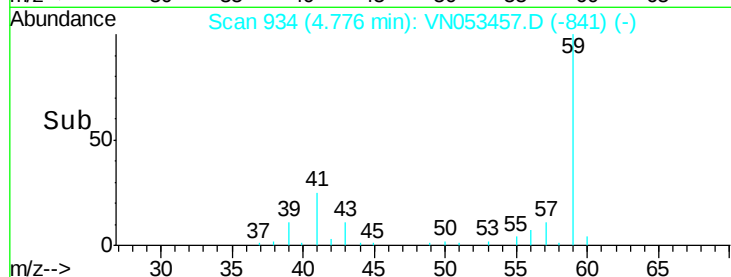
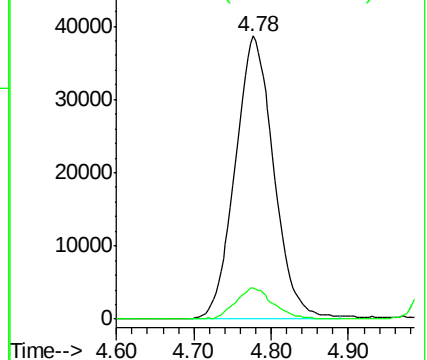
59 100

57 10.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 50.691 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.01 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

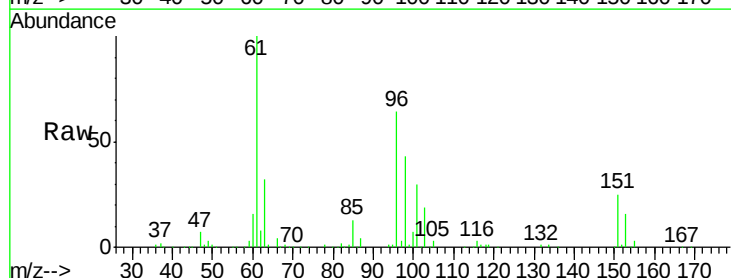
Tgt Ion: 96 Resp: 355713

Ion Ratio Lower Upper

96 100

61 155.4 122.9 184.3

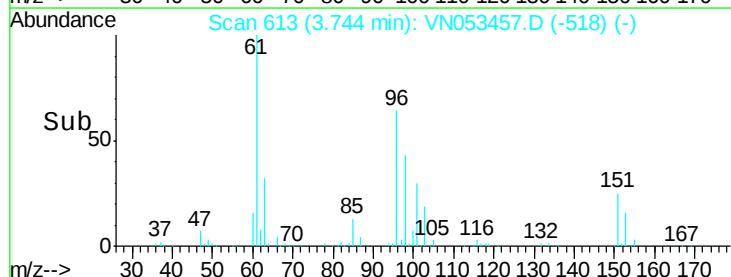
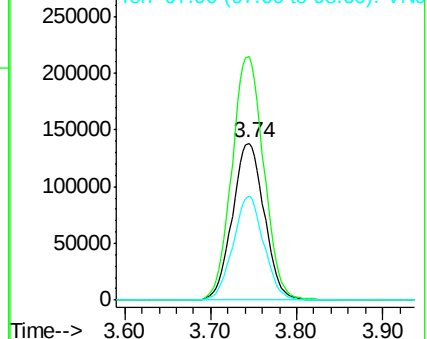
98 66.1 49.4 74.0

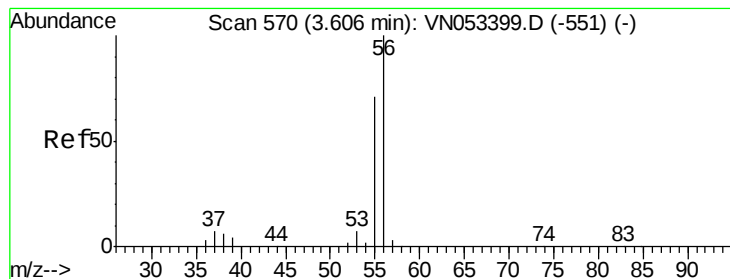


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 235.267 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053457.D

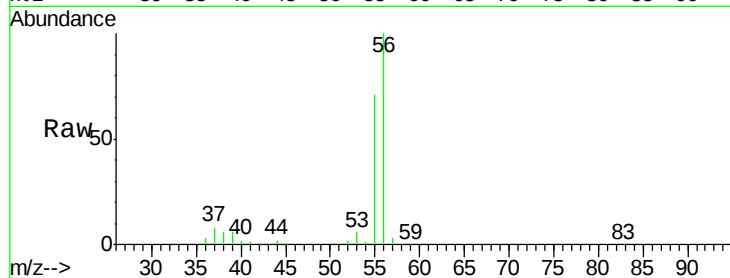
Acq: 18 Jan 2019 1:21

Tot Ion: 56 Resp: 173904

Ion Ratio Lower Upper

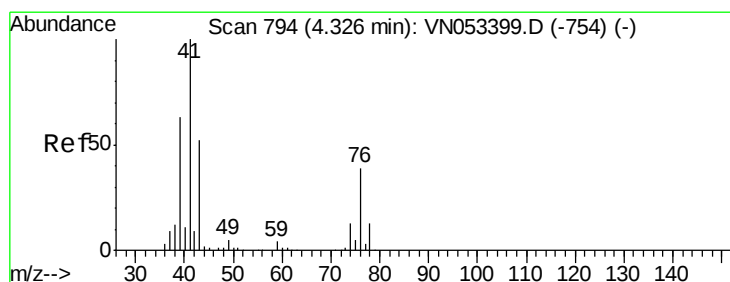
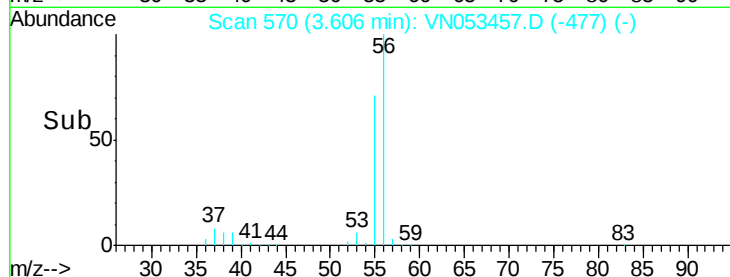
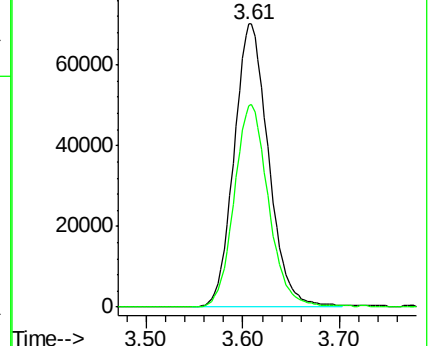
56 100

55 70.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 51.239 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

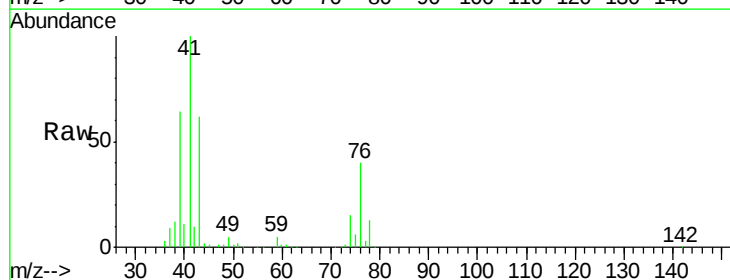
Tgt Ion: 41 Resp: 584039

Ion Ratio Lower Upper

41 100

39 60.5 48.9 73.3

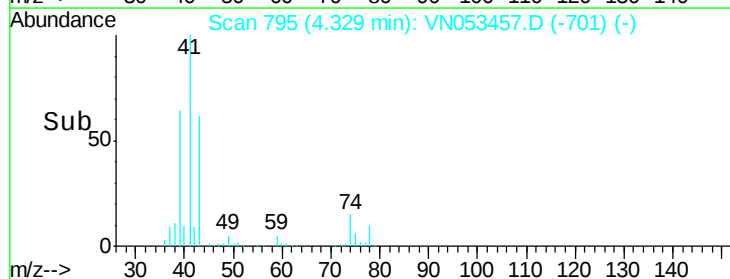
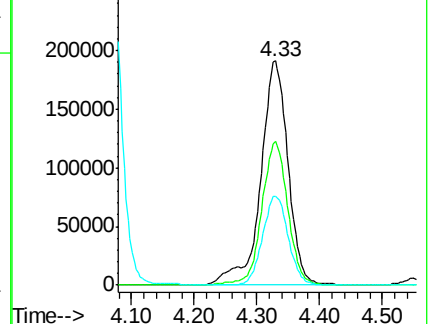
76 36.3 29.4 44.2

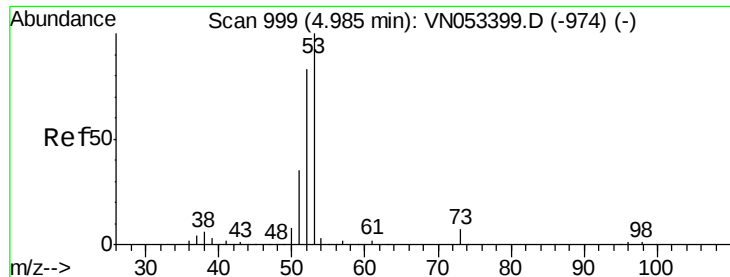


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 291.444 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

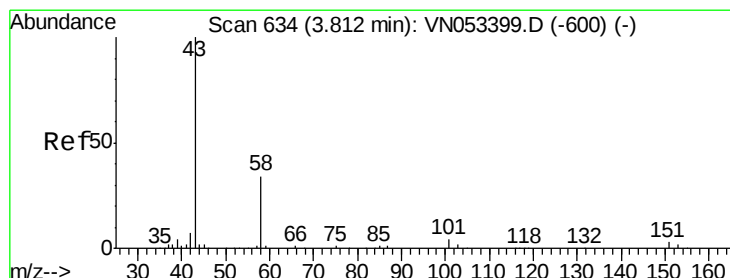
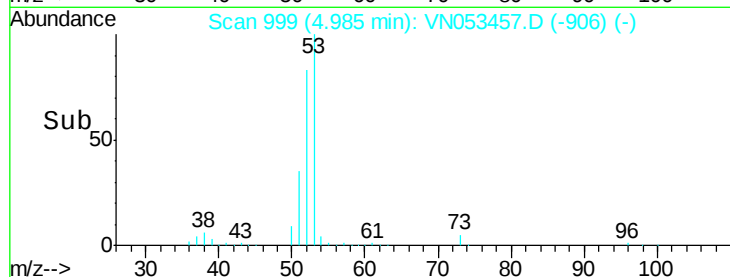
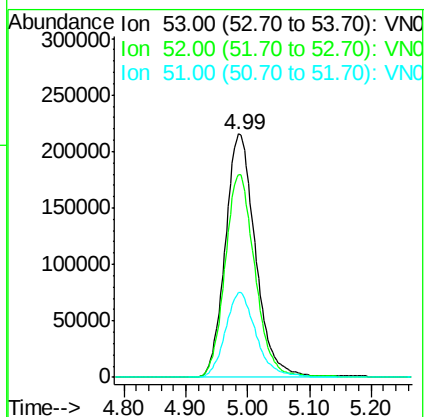
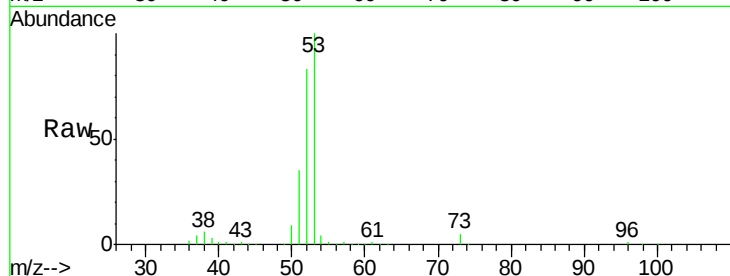
Tot Ion: 53 Resp: 731146

Ion Ratio Lower Upper

53 100

52 82.3 66.0 99.0

51 35.7 28.3 42.5



#16

Acetone

Concen: 261.382 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053457.D

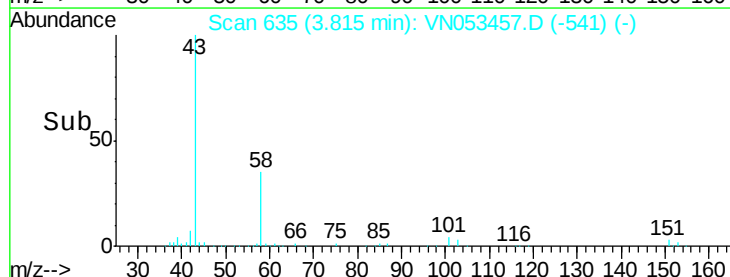
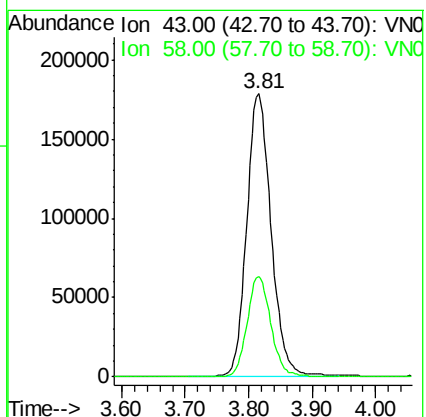
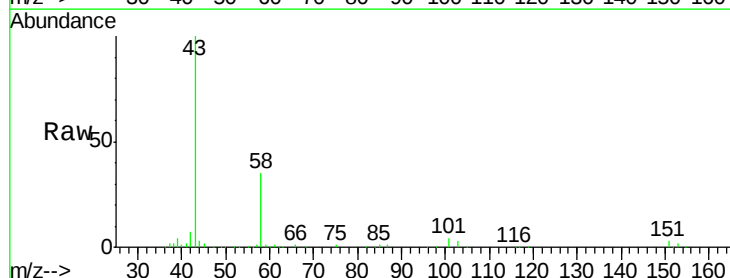
Acq: 18 Jan 2019 1:21

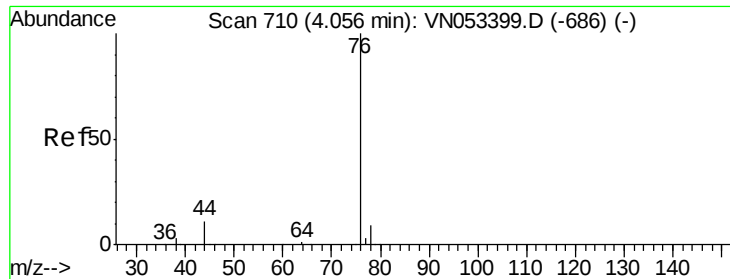
Tgt Ion: 43 Resp: 477743

Ion Ratio Lower Upper

43 100

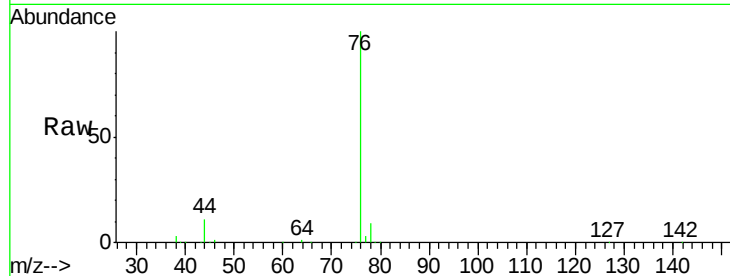
58 35.2 27.1 40.7



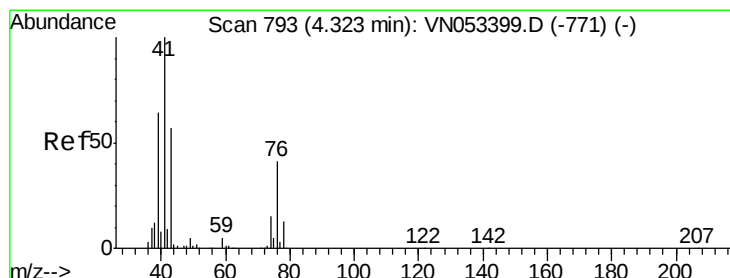
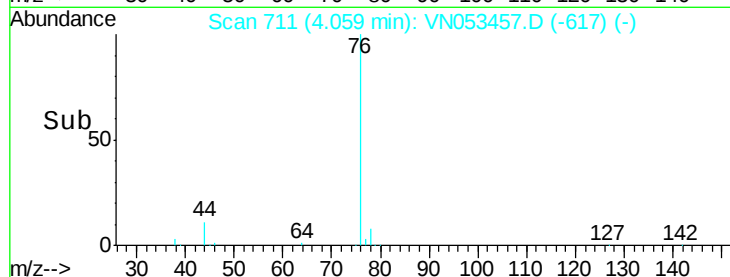
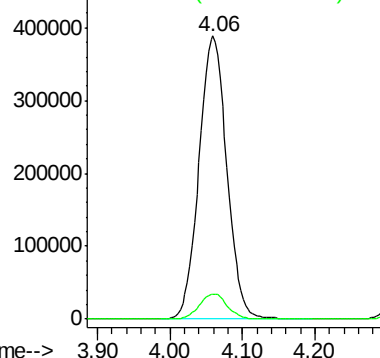


#17
Carbon Disulfide
Concen: 48.895 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tot Ion: 76 Resp: 1037575
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

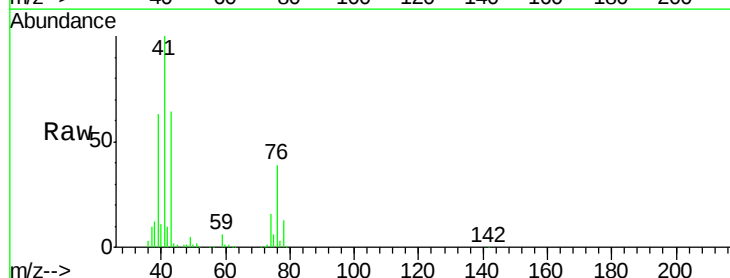


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

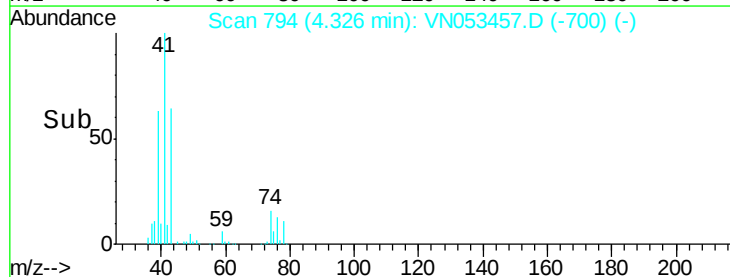
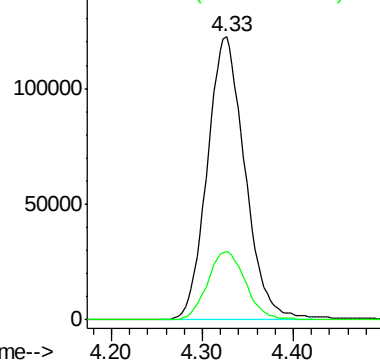


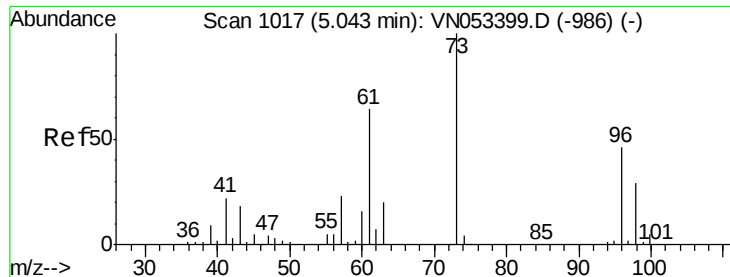
#18
Methyl Acetate
Concen: 56.820 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion: 43 Resp: 349900
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

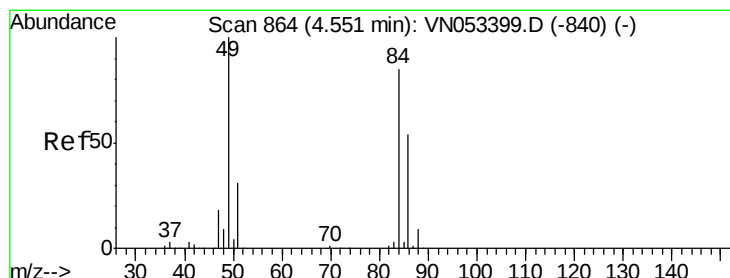
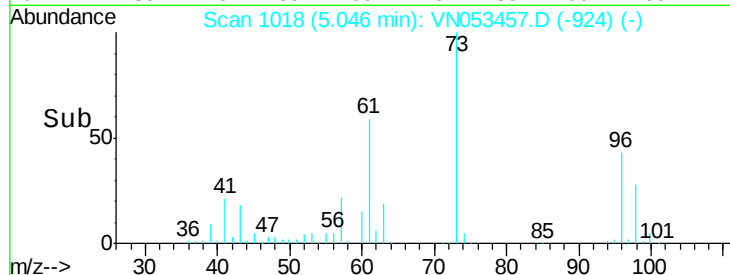
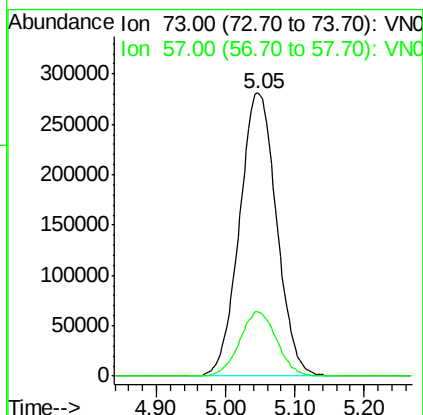
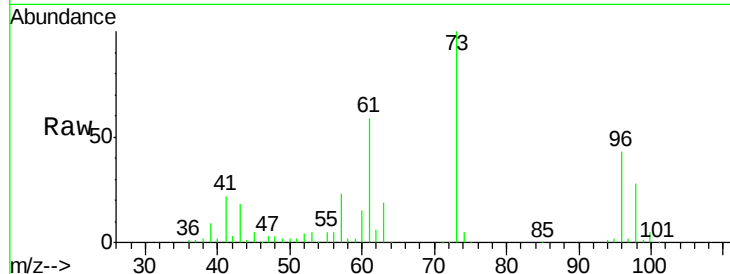




#19

Methyl tert-butyl Ether
 Concen: 56.079 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

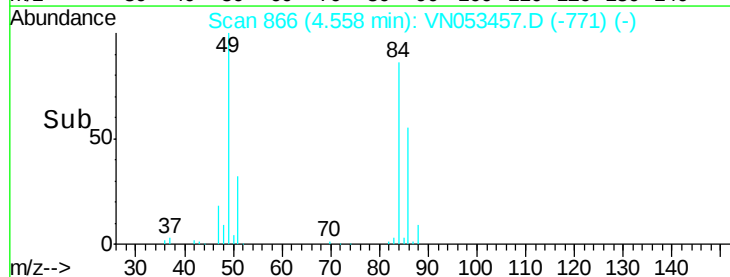
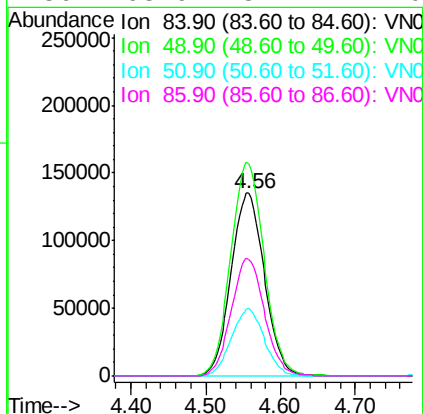
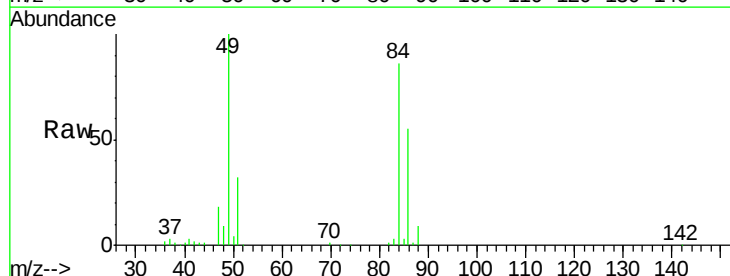
Tot Ion: 73 Resp: 1045604
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.3 27.5

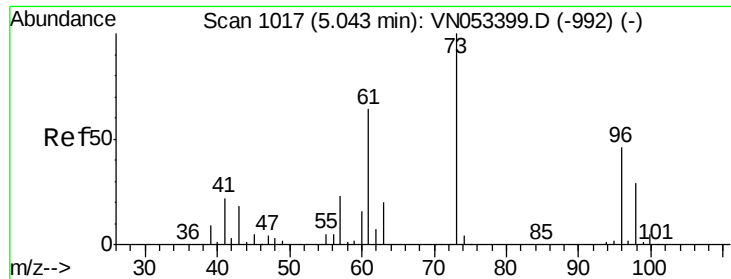


#20

Methylene Chloride
 Concen: 50.303 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

Tgt Ion: 84 Resp: 419761
 Ion Ratio Lower Upper
 84 100
 49 116.0 94.3 141.5
 51 36.8 29.4 44.2
 86 63.9 51.4 77.0

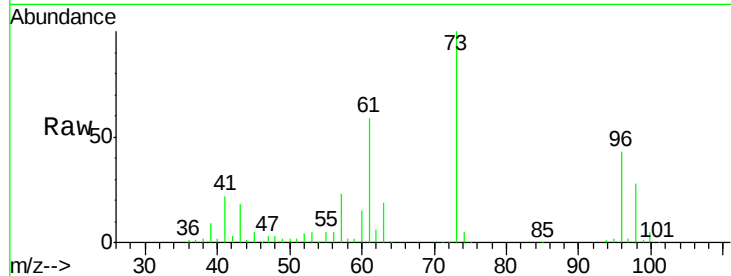




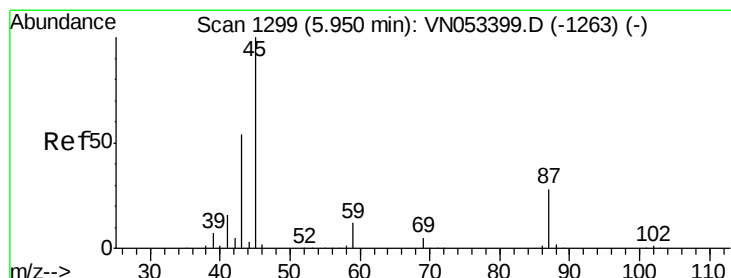
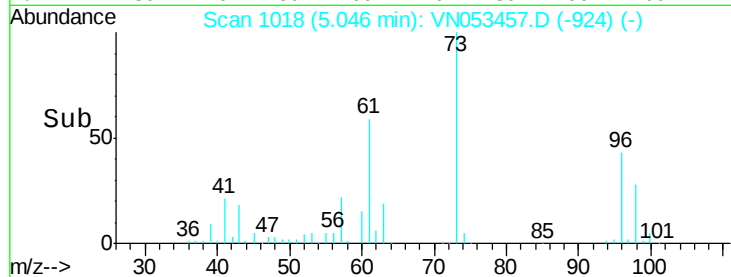
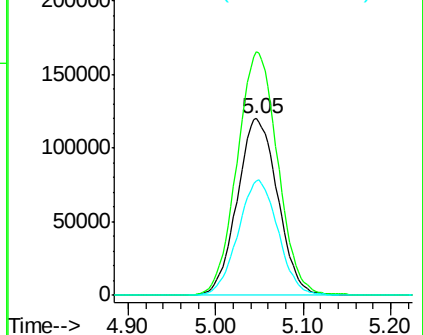
#21

trans-1,2-Dichloroethene
Concen: 51.545 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	110.1	165.1
98	65.0	50.0	75.0



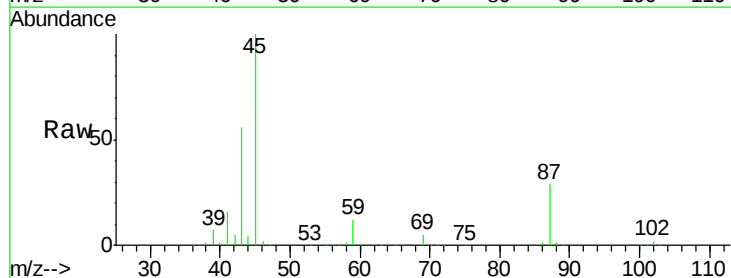
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



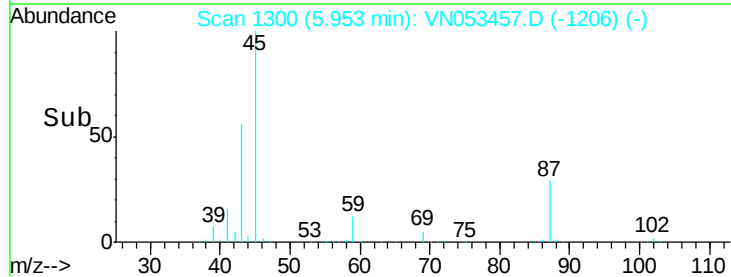
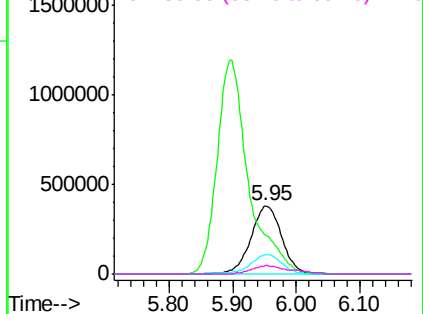
#22

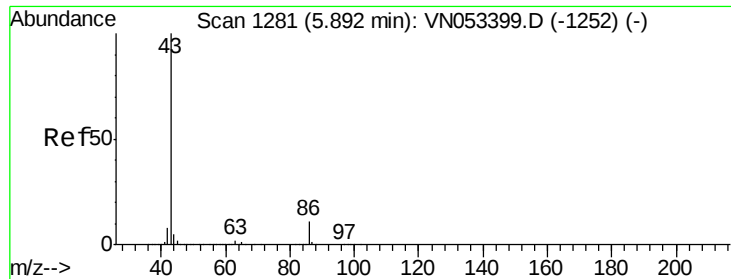
Diisopropyl ether
Concen: 53.581 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.9	44.2	66.4
87	28.6	22.7	34.1
59	12.2	9.4	14.2



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: 281.044 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053457.D

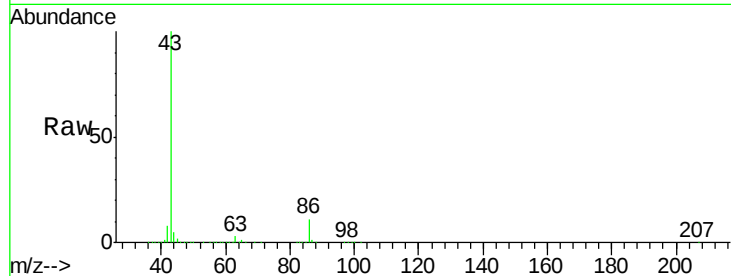
Acq: 18 Jan 2019 1:21

Tot Ion: 43 Resp: 4110851

Ion Ratio Lower Upper

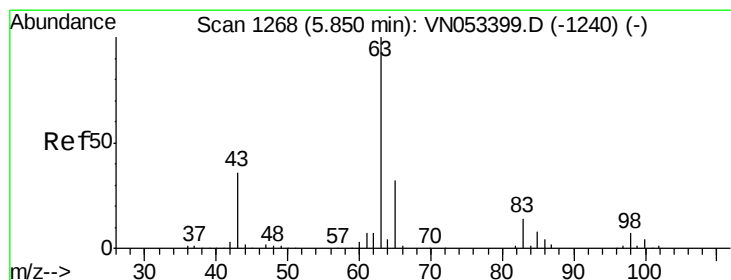
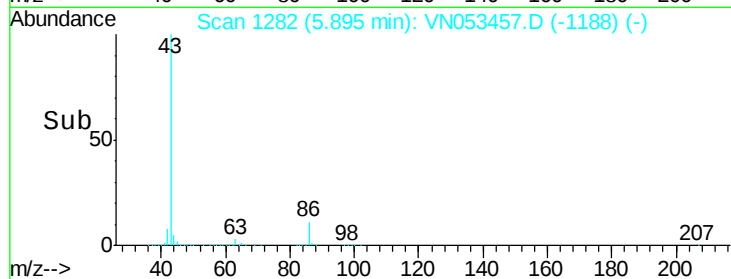
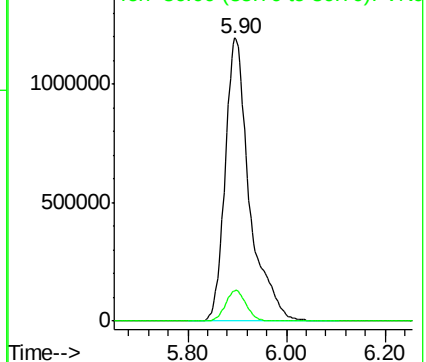
43 100

86 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.084 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

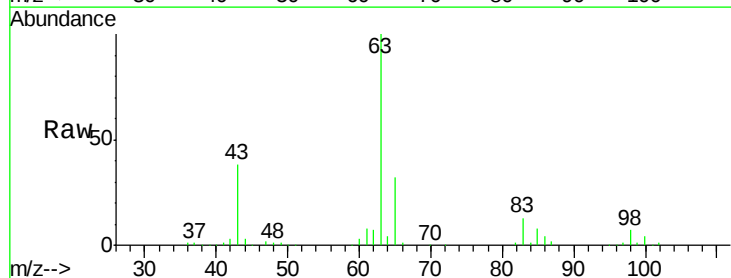
Tgt Ion: 63 Resp: 732656

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

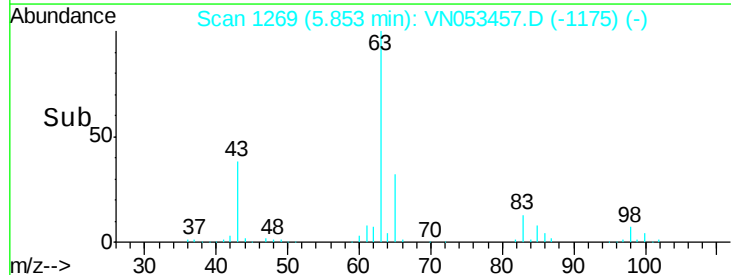
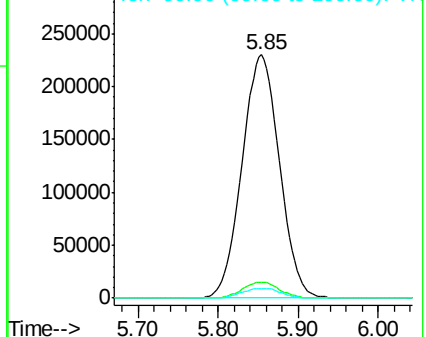
100 4.1 2.1 6.5

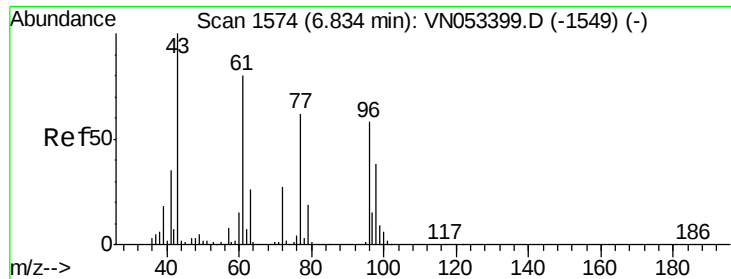


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

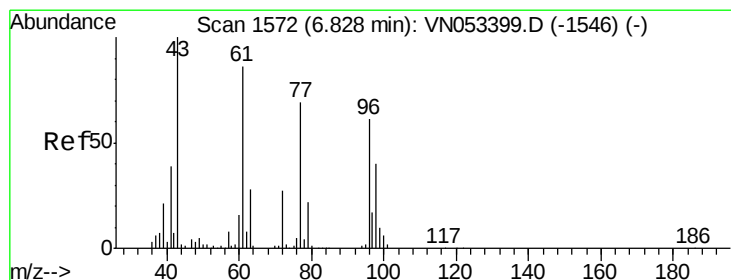
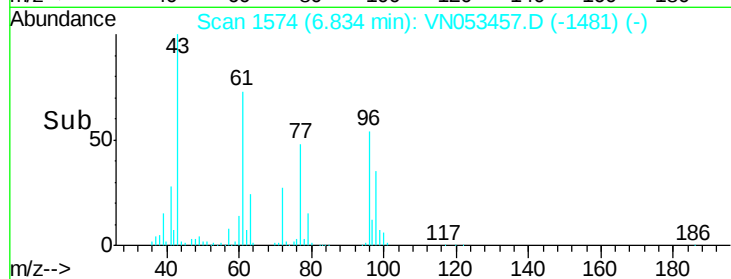
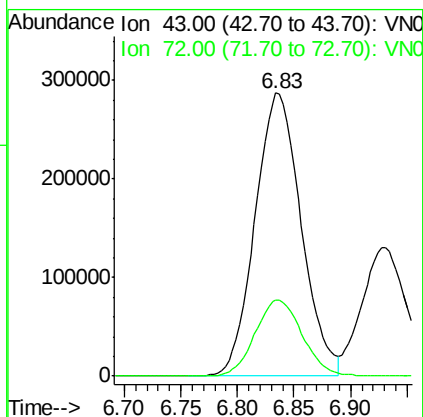
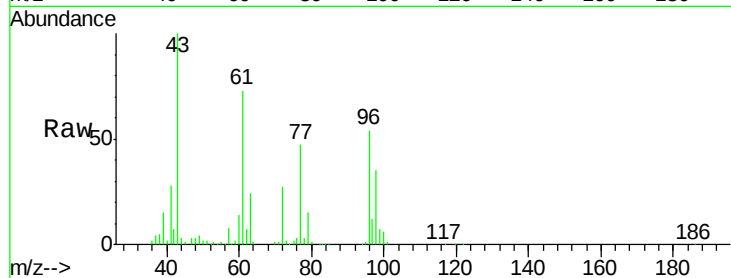
Ion 99.90 (99.60 to 100.60): VN0





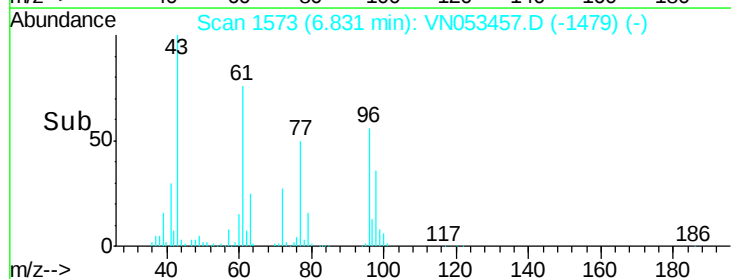
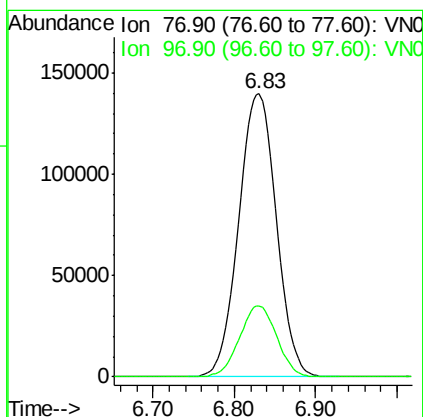
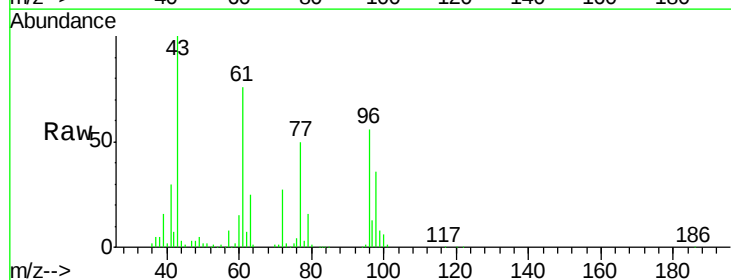
#25
2-Butanone
Concen: 287.937 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

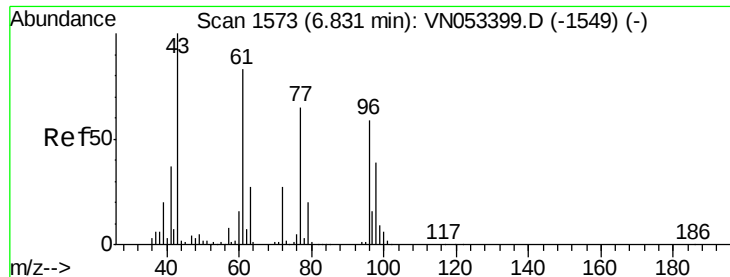
Tot Ion: 43 Resp: 811003
Ion Ratio Lower Upper
43 100
72 26.9 22.0 33.0



#26
2,2-Dichloropropane
Concen: 41.972 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

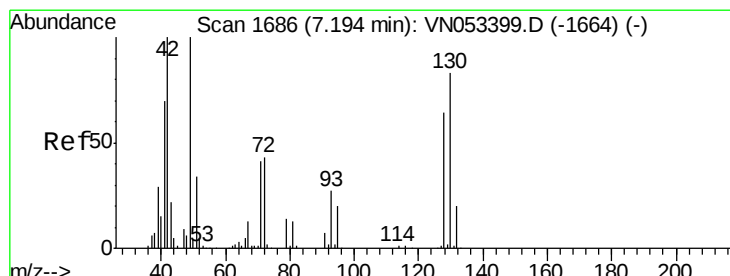
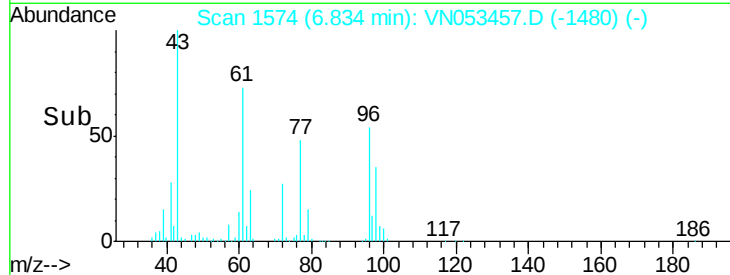
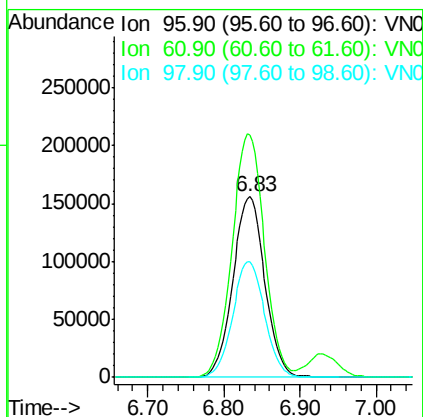
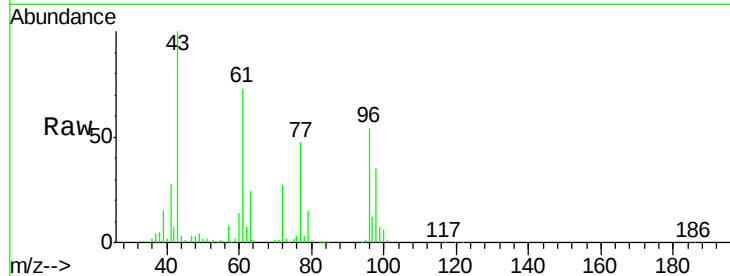
Tgt Ion: 77 Resp: 445774
Ion Ratio Lower Upper
77 100
97 24.8 12.2 36.6





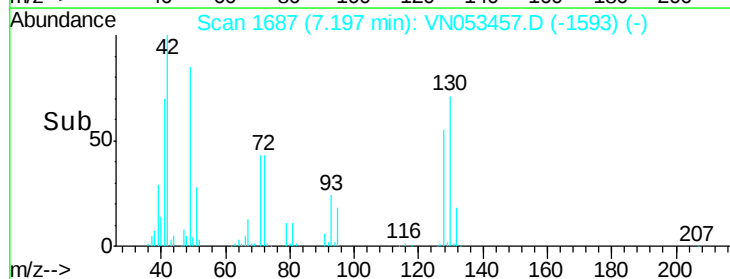
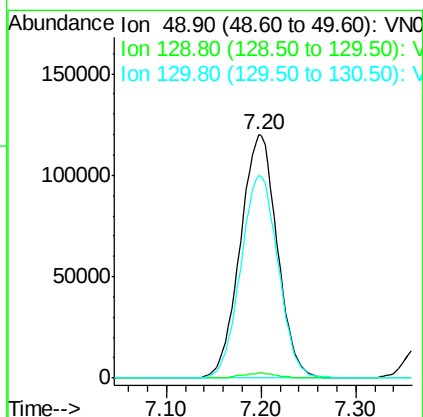
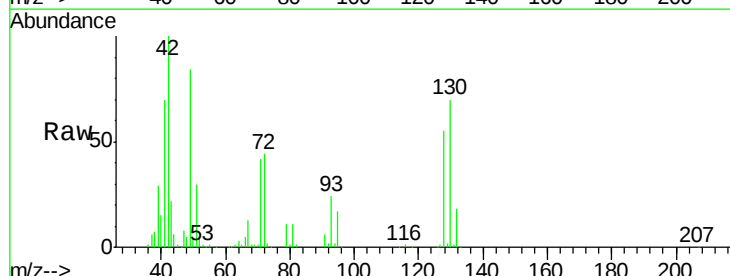
#27
 cis-1,2-Dichloroethene
 Concen: 52.886 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

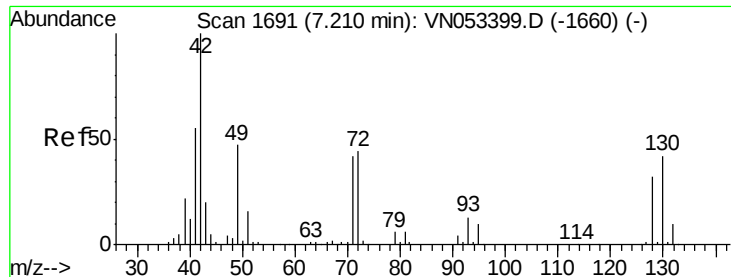
Tot Ion: 96 Resp: 453704
 Ion Ratio Lower Upper
 96 100
 61 136.4 0.0 283.8
 98 64.2 0.0 129.2



#28
 Bromochloromethane
 Concen: 52.553 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

Tgt Ion: 49 Resp: 325670
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 84.3 66.3 99.5





#29

Tetrahydrofuran

Concen: 298.537 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

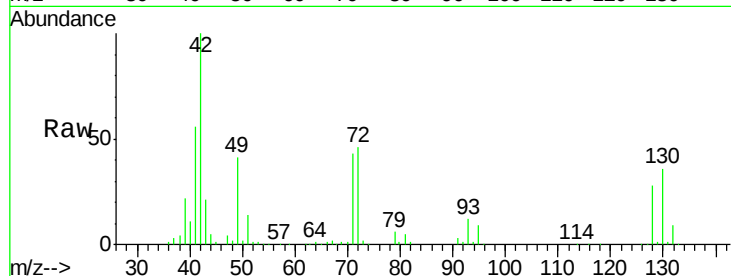
Tot Ion: 42 Resp: 547401

Ion Ratio Lower Upper

42 100

72 45.0 35.2 52.8

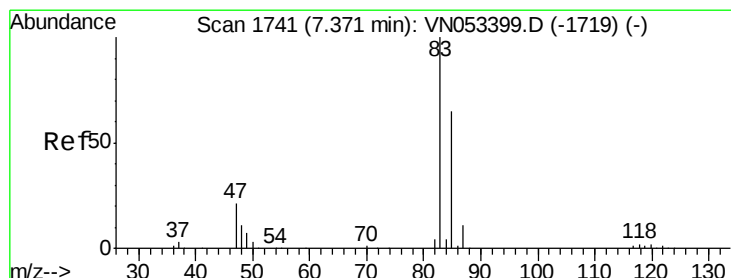
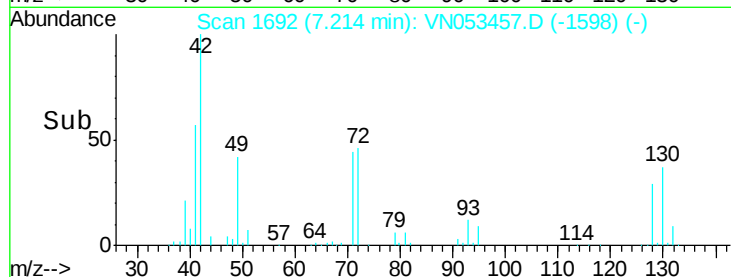
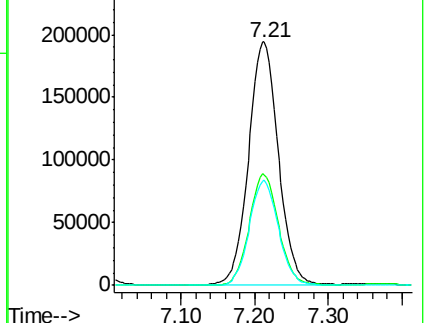
71 42.1 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VN053399.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN053399.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN053399.D (-1660) (-)



#30

Chloroform

Concen: 52.874 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN053457.D

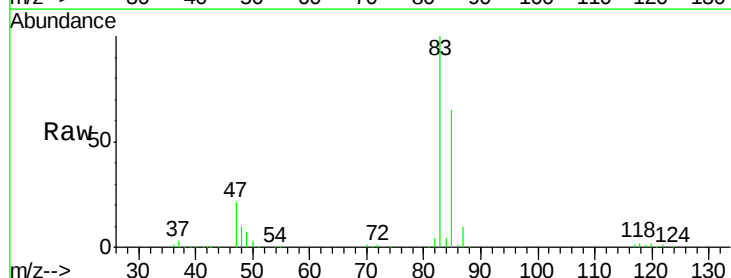
Acq: 18 Jan 2019 1:21

Tgt Ion: 83 Resp: 724661

Ion Ratio Lower Upper

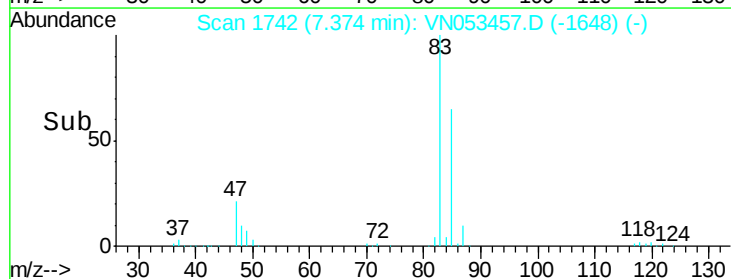
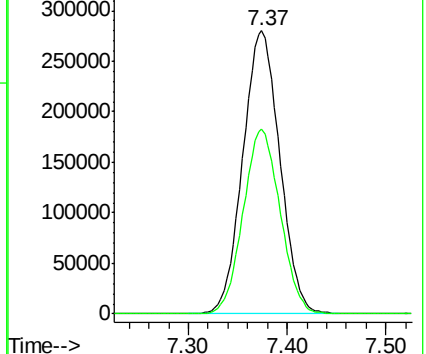
83 100

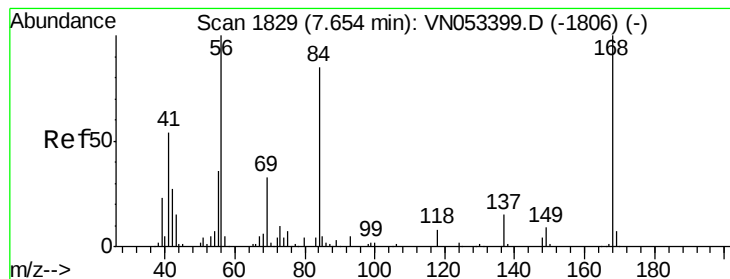
85 65.2 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN053399.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN053399.D (-1719) (-)





#31

Cyclohexane

Concen: 48.398 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

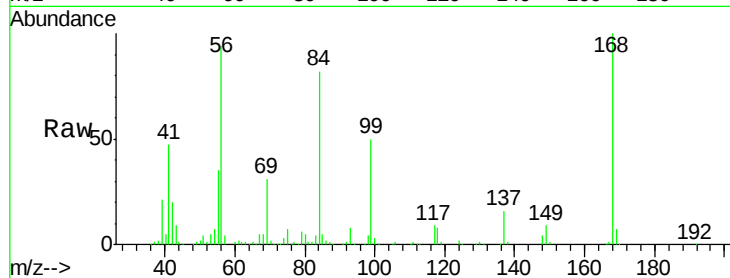
Tot Ion: 56 Resp: 662632

Ion Ratio Lower Upper

56 100

69 32.6 26.4 39.6

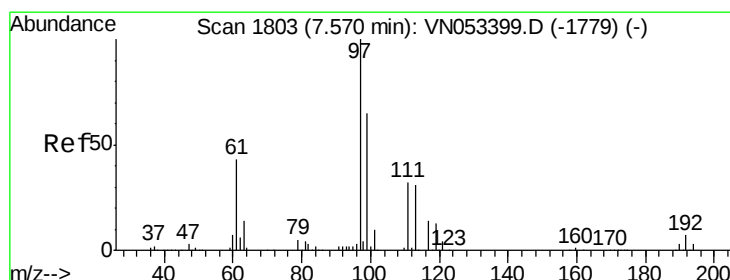
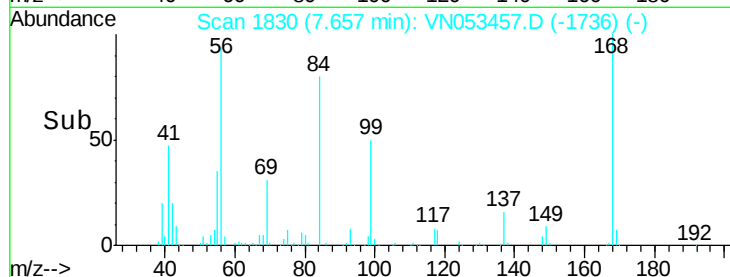
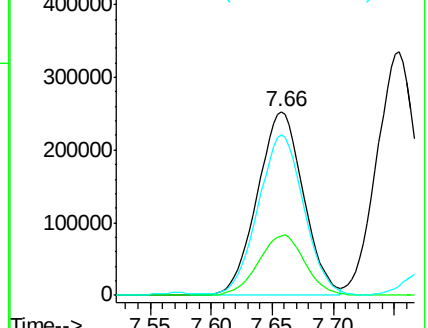
84 86.3 67.9 101.9



Abundance Ion 56.00 (55.70 to 56.70): VN053399.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN053399.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN053399.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 52.635 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

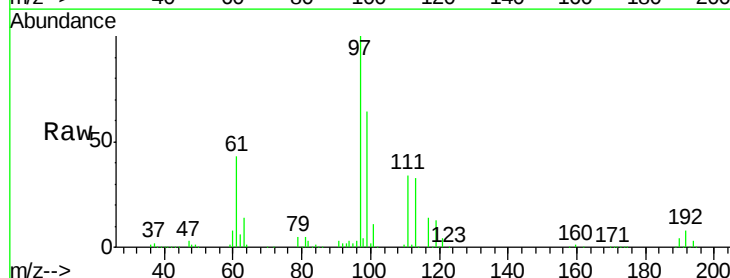
Tgt Ion: 97 Resp: 611939

Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

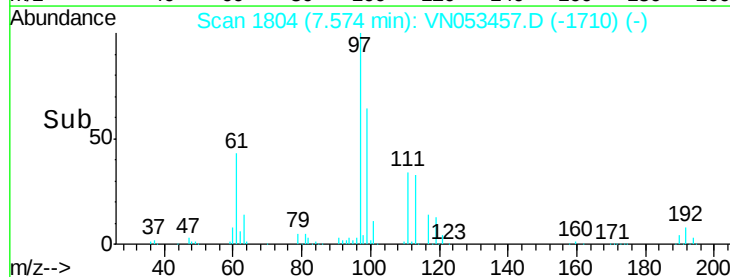
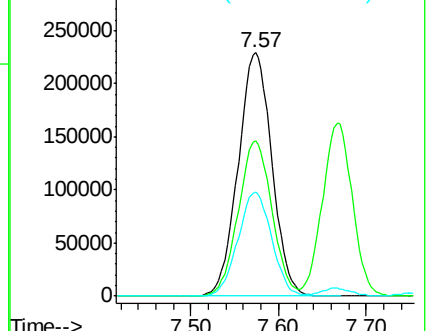
61 42.8 34.4 51.6

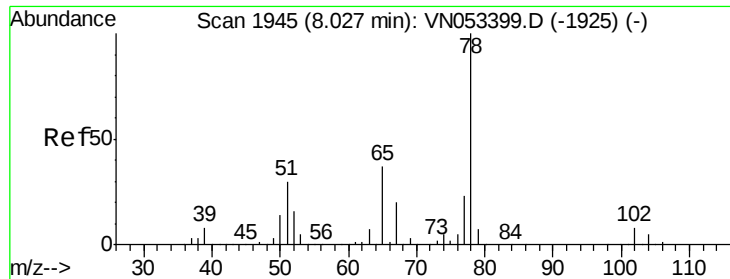


Abundance Ion 96.90 (96.60 to 97.60): VN053399.D (-1779) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1779) (-)

Ion 60.90 (60.60 to 61.60): VN053399.D (-1779) (-)





#33

1,2-Dichloroethane-d4

Concen: 52.635 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053457.D

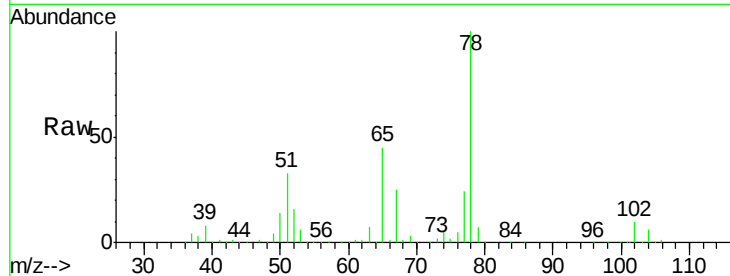
Acq: 18 Jan 2019 1:21

Tot Ion: 65 Resp: 413680

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

150000

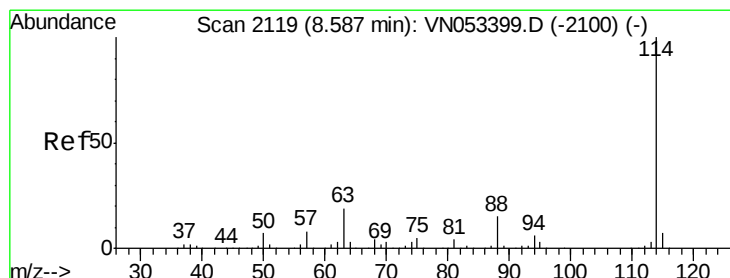
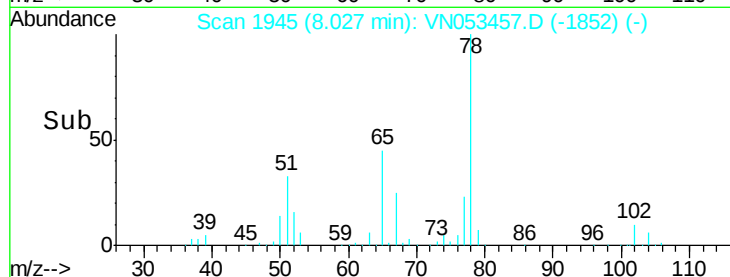
100000

50000

0

Time-->

7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

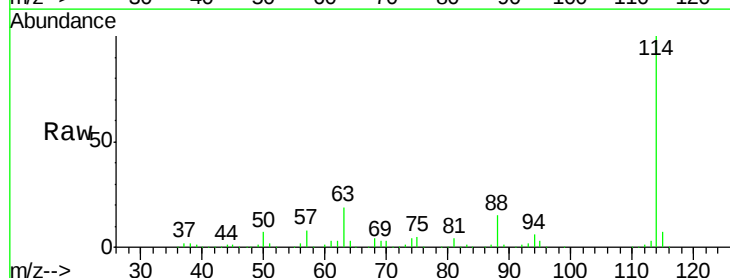
Tgt Ion: 114 Resp: 1213418

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

800000

600000

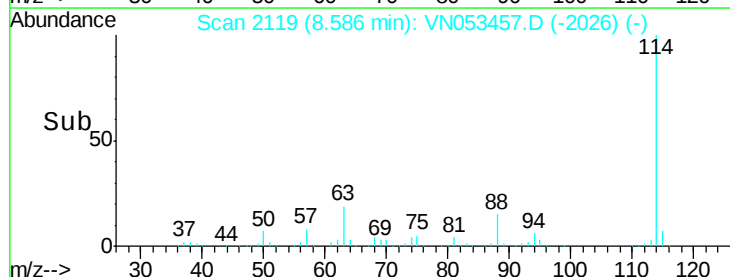
400000

200000

0

Time-->

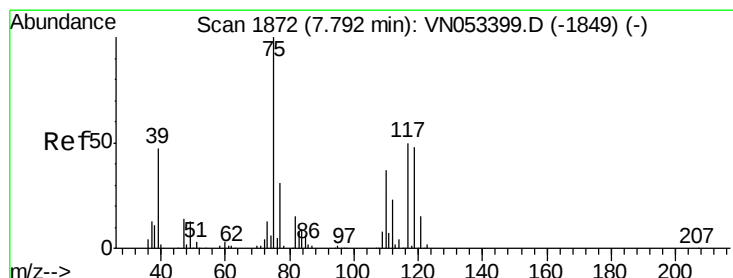
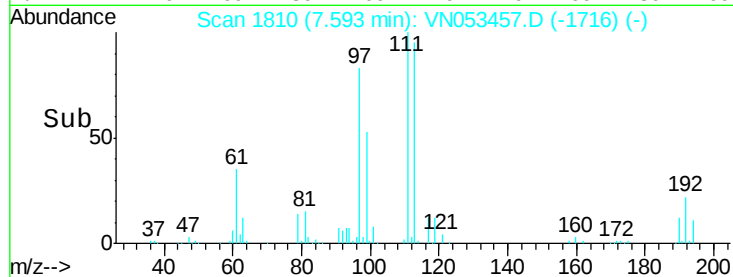
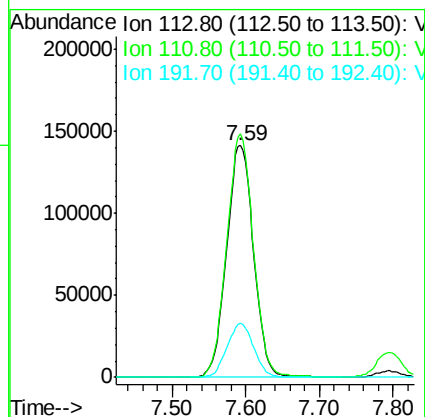
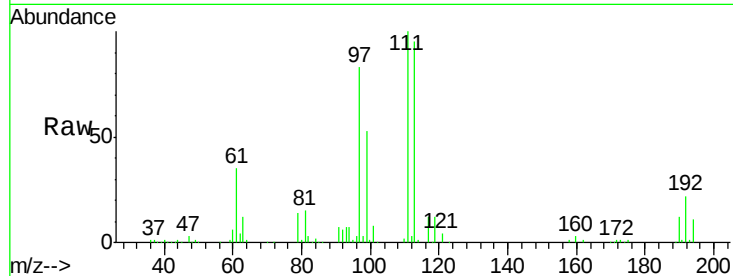
8.50 8.60 8.70





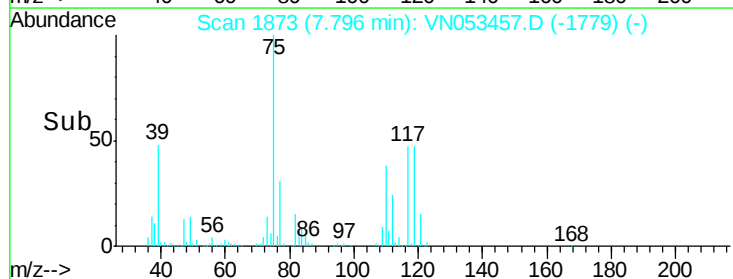
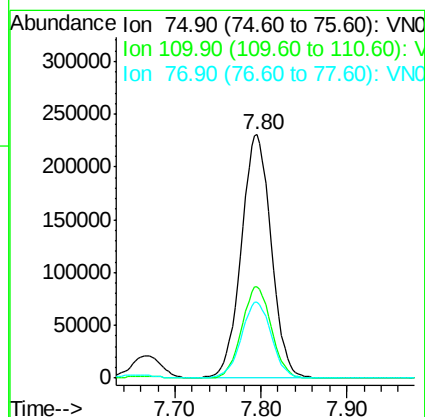
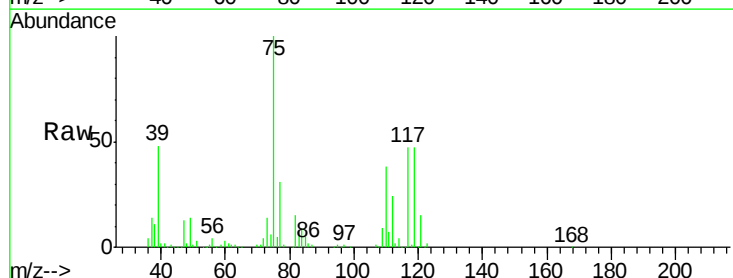
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

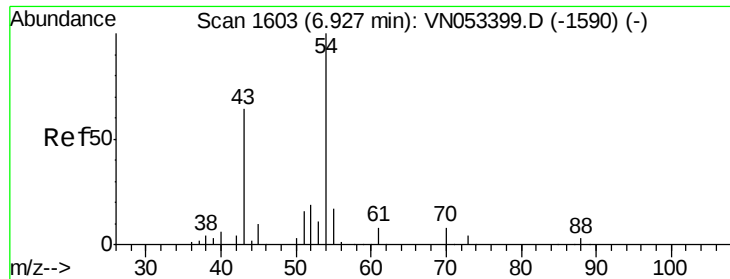
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	23.0	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 50.198 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

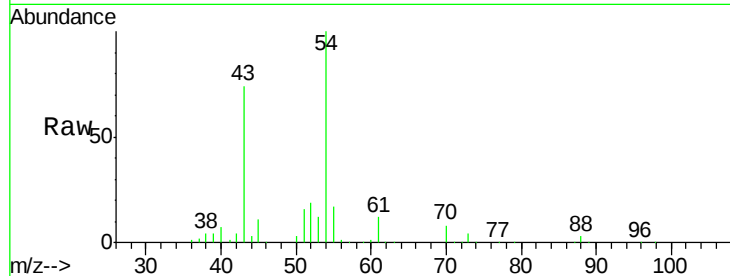
Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.1	54.3
77	31.7	25.1	37.7



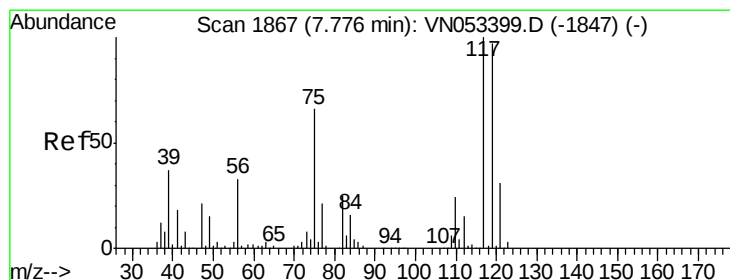
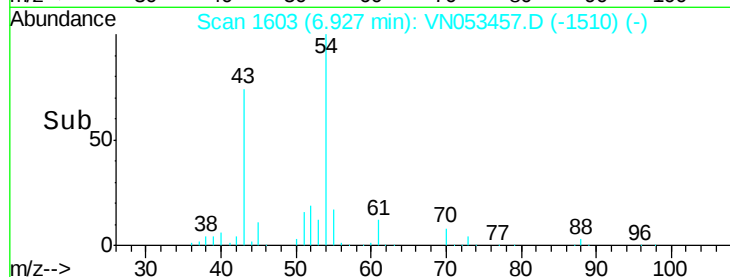
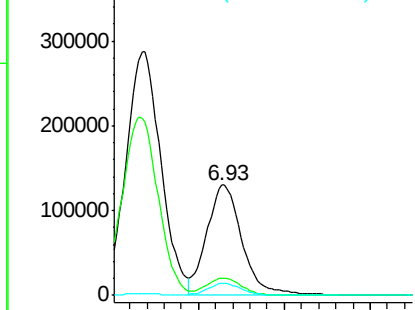


#37
Ethyl Acetate
Concen: 57.770 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tot Ion: 43 Resp: 367291
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 10.6 8.6 12.8

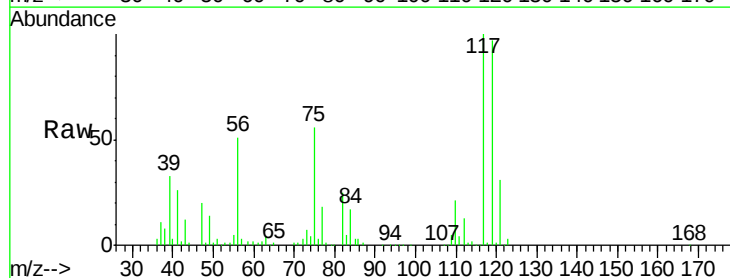


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

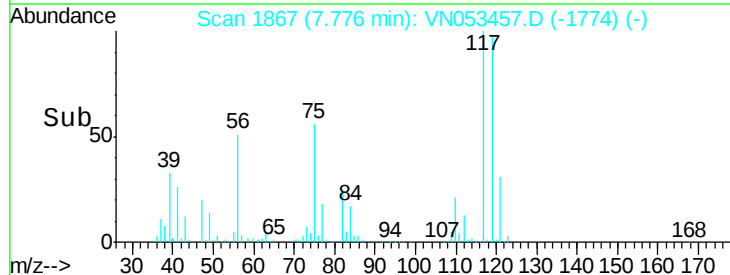
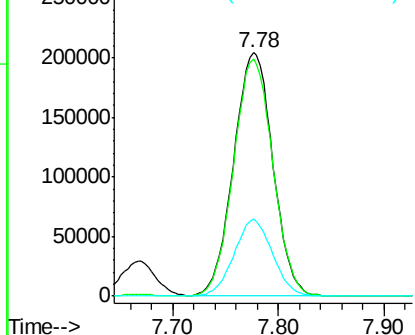


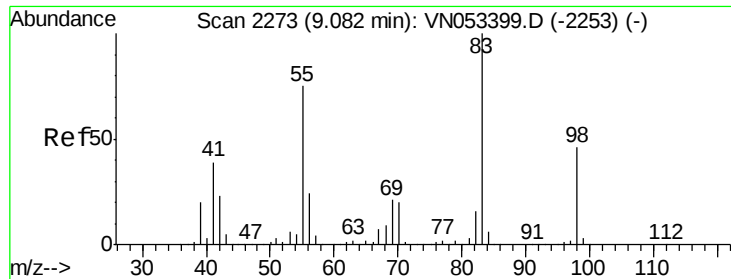
#38
Carbon Tetrachloride
Concen: 50.390 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion: 117 Resp: 527183
Ion Ratio Lower Upper
117 100
119 97.2 77.2 115.8
121 31.5 24.6 37.0



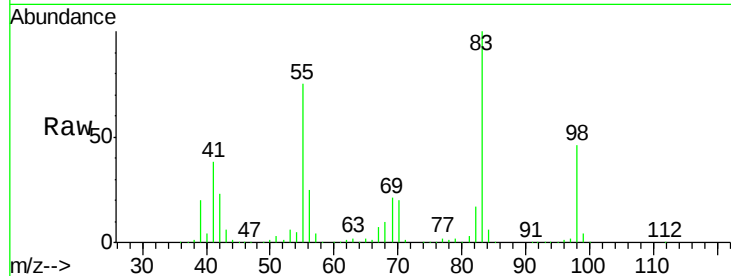
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



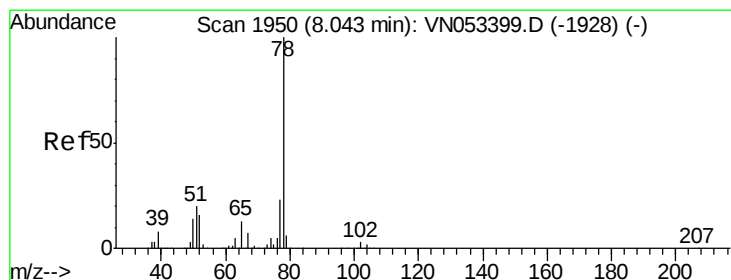
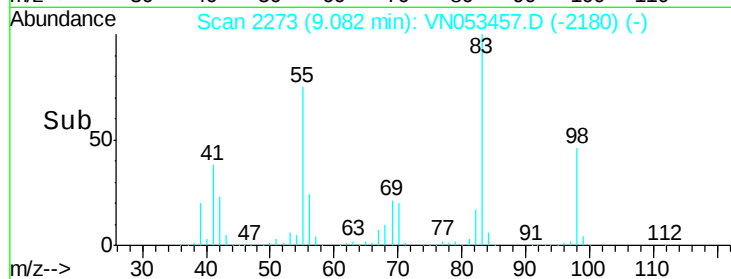
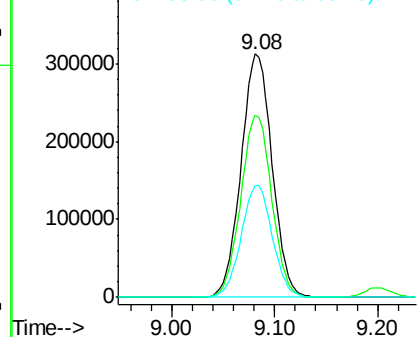


#39
Methvlcvclohexane
Concen: 48.007 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tot Ion: 83 Resp: 655709
Ion Ratio Lower Upper
83 100
55 74.9 60.1 90.1
98 45.9 36.6 55.0

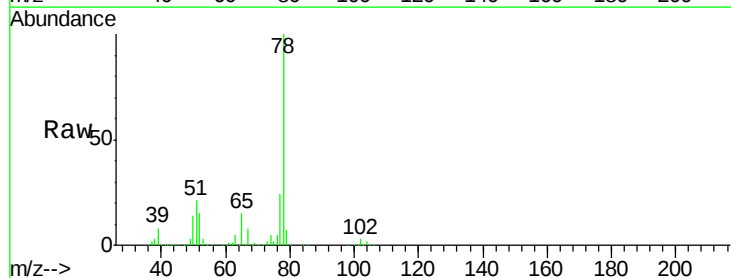


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

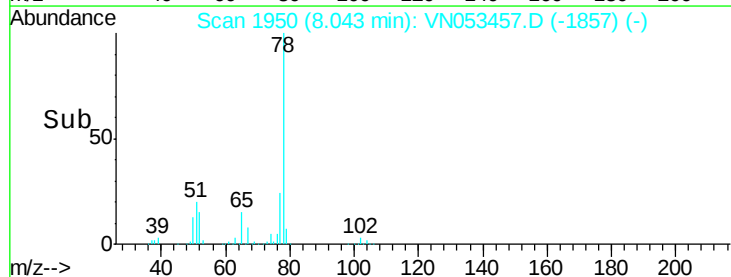
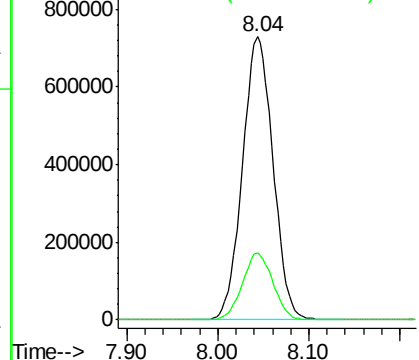


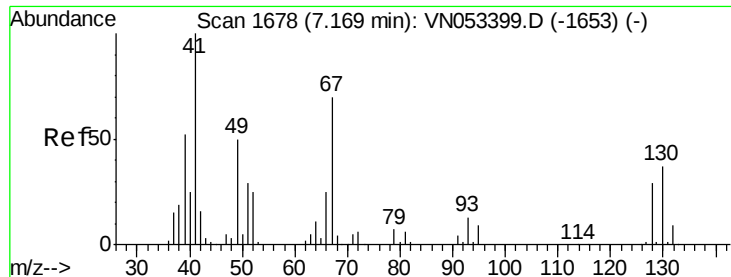
#40
Benzene
Concen: 50.608 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion: 78 Resp: 1699493
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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





#41

Methacrylonitrile

Concen: 49.985 ug/l

RT: 7.17 min Scan# 1679

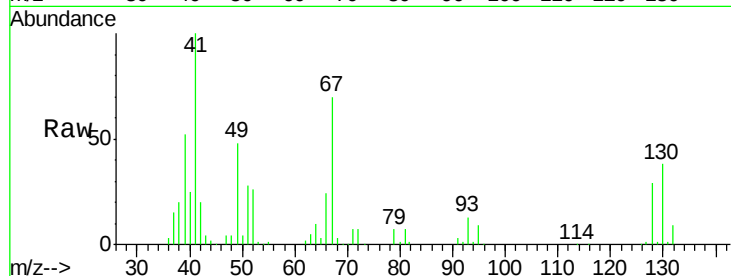
Delta R.T. 0.00 min

Lab File: VN053457.D

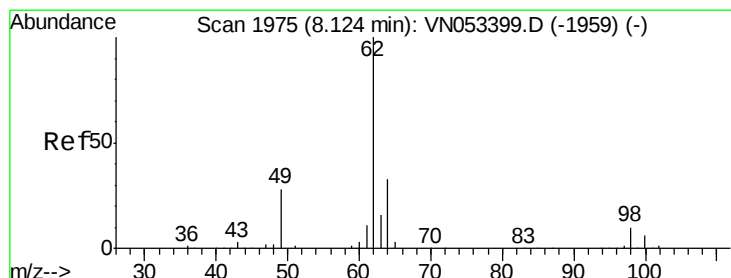
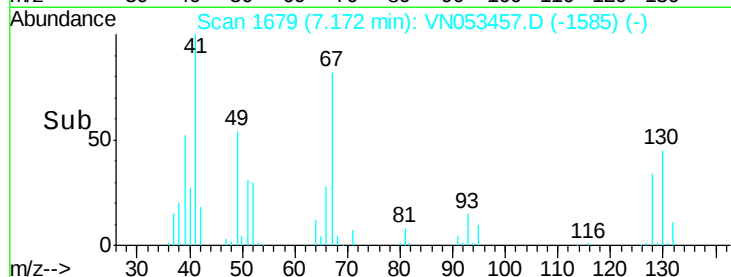
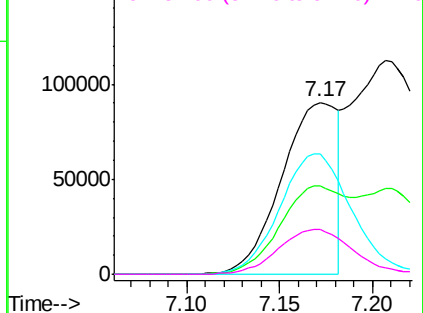
Acq: 18 Jan 2019 1:21

Tot Ion: 41 Resp: 188837

Ion	Ratio	Lower	Upper
41	100		
39	60.4	46.8	70.2
67	90.8	63.0	94.6
52	34.3	23.8	35.8



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



#42

1,2-Dichloroethane

Concen: 52.126 ug/l

RT: 8.13 min Scan# 1976

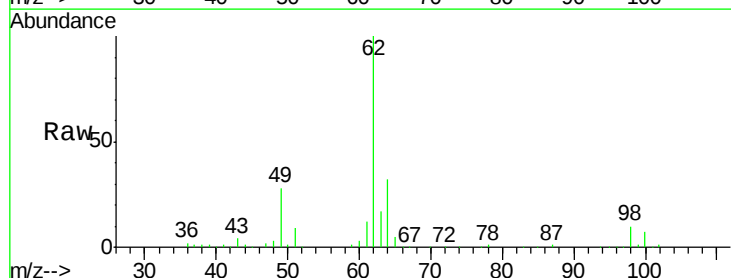
Delta R.T. 0.00 min

Lab File: VN053457.D

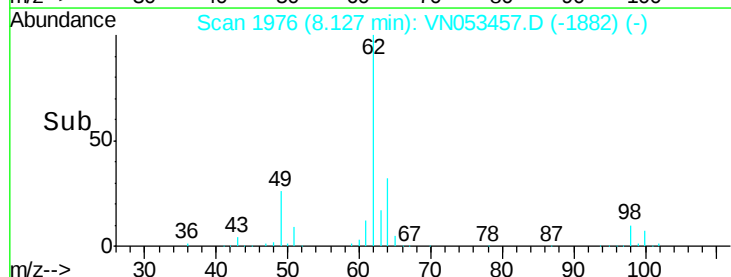
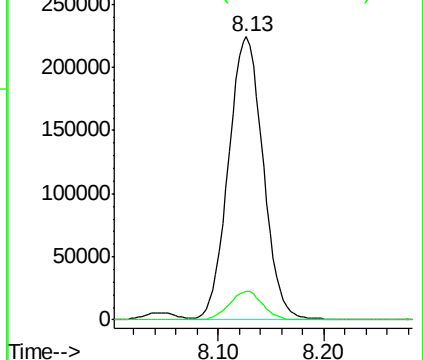
Acq: 18 Jan 2019 1:21

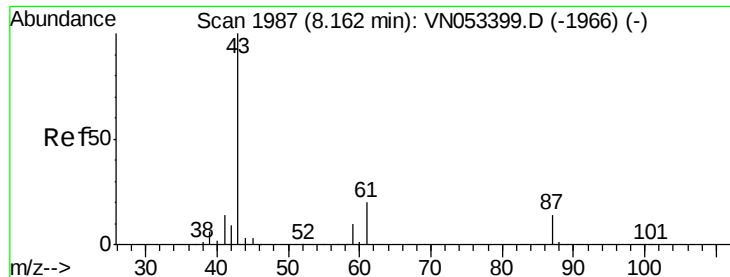
Tgt Ion: 62 Resp: 509958

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 57.682 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

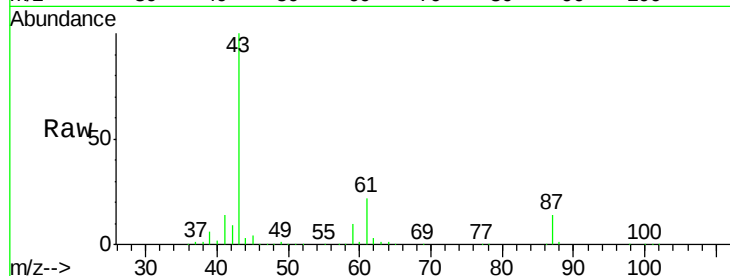
Tot Ion: 43 Resp: 659423

Ion Ratio Lower Upper

43 100

61 29.3 23.9 35.9

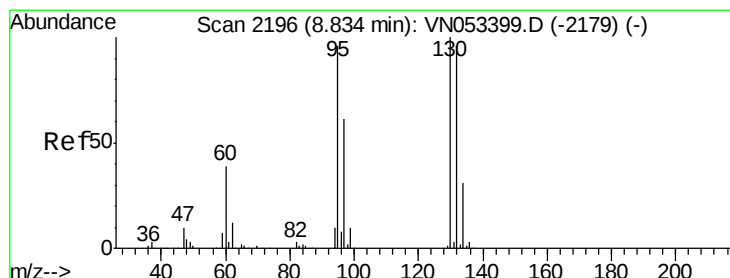
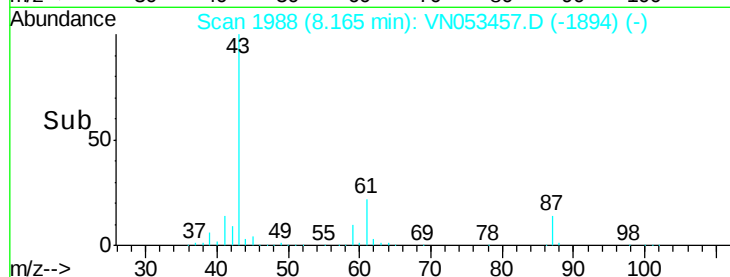
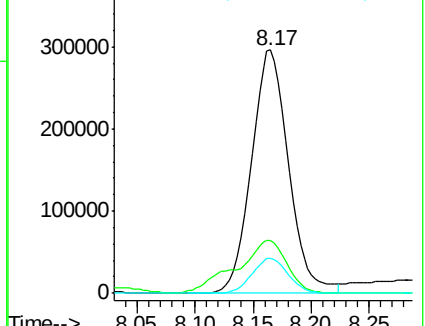
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053399.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053399.D (-1966) (-)



#44

Trichloroethene

Concen: 50.963 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053457.D

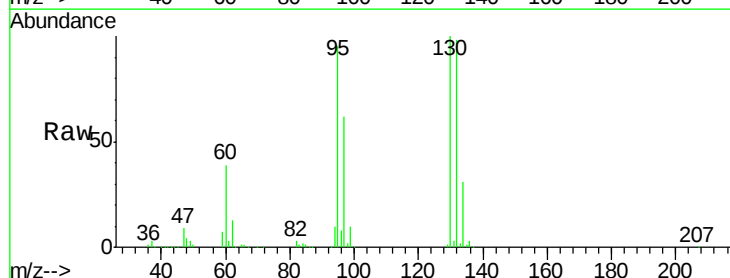
Acq: 18 Jan 2019 1:21

Tgt Ion: 130 Resp: 474598

Ion Ratio Lower Upper

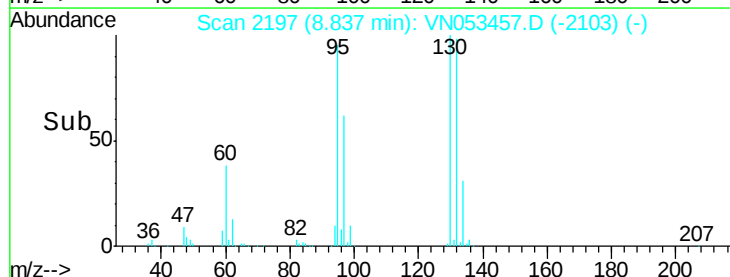
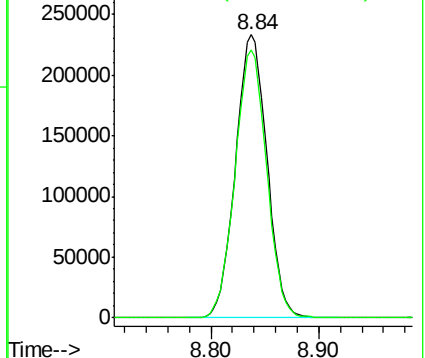
130 100

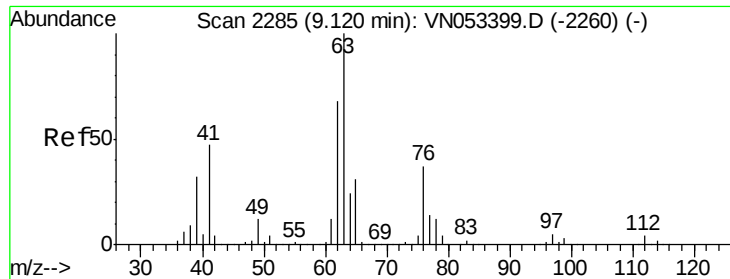
95 94.8 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053399.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053399.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 50.762 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN053457.D

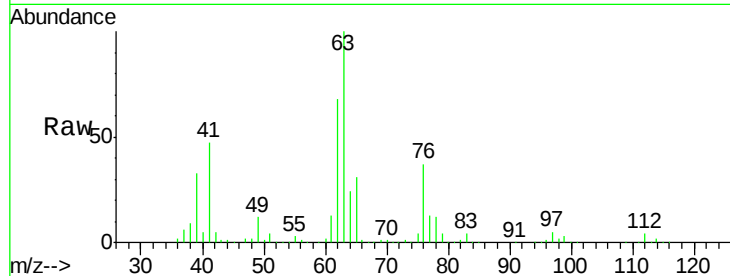
Acq: 18 Jan 2019 1:21

Tot Ion: 63 Resp: 451511

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

9.12

200000

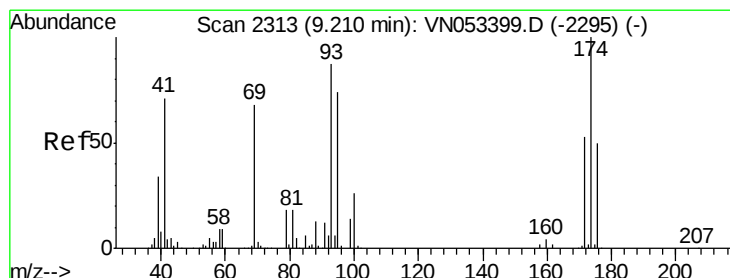
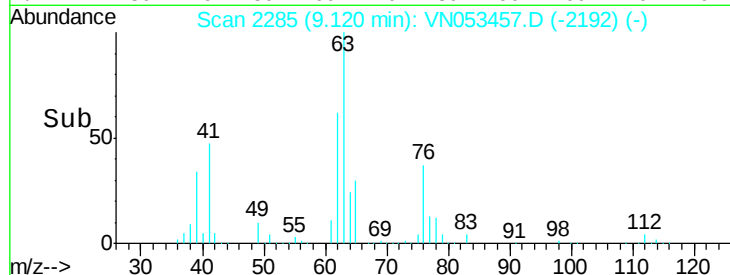
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 52.267 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

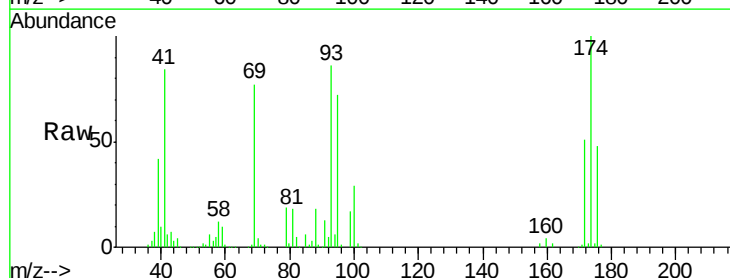
Tgt Ion: 93 Resp: 267099

Ion Ratio Lower Upper

93 100

95 83.4 67.3 100.9

174 115.4 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

9.21

200000

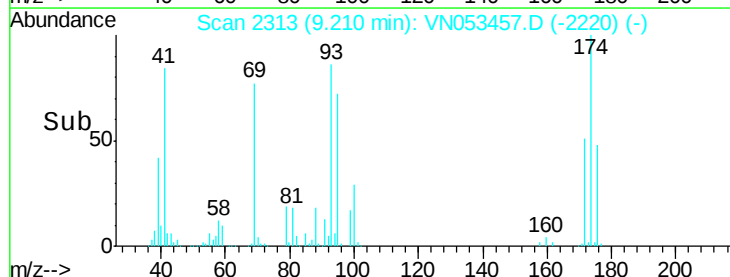
150000

100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 51.450 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

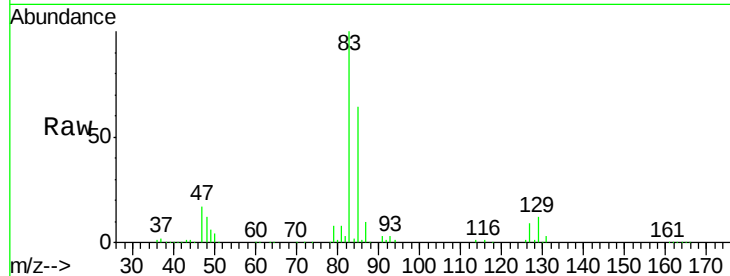
Tot Ion: 83 Resp: 552925

Ion Ratio Lower Upper

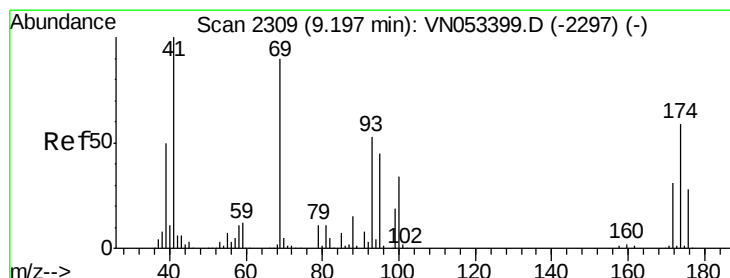
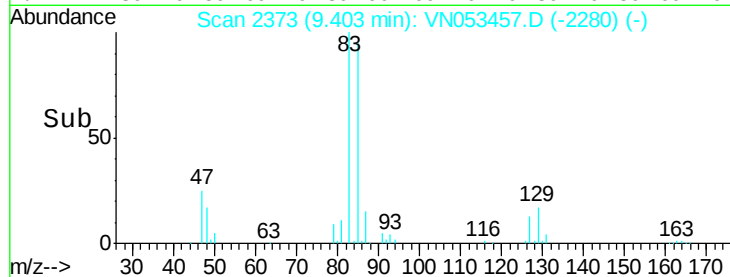
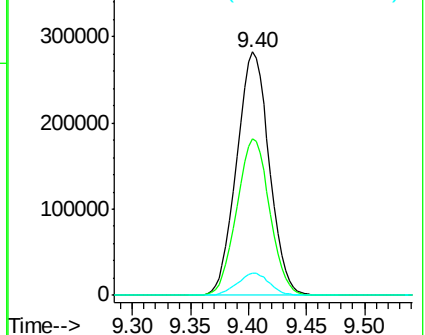
83 100

85 64.4 51.0 76.6

127 9.0 7.0 10.6



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



#48

Methyl methacrylate

Concen: 56.099 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

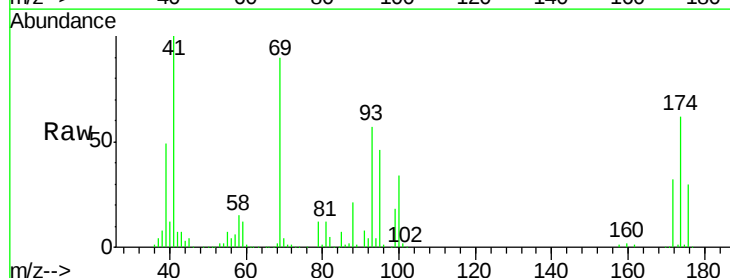
Tgt Ion: 41 Resp: 331137

Ion Ratio Lower Upper

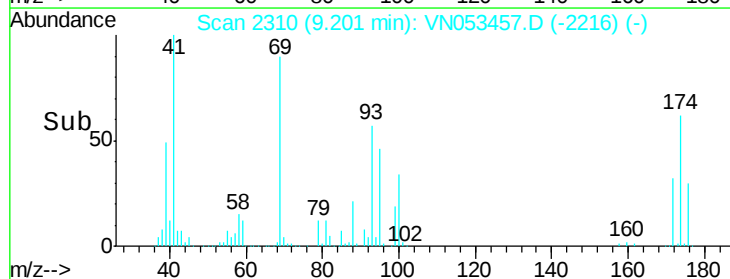
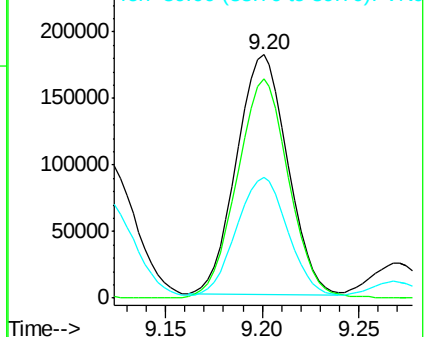
41 100

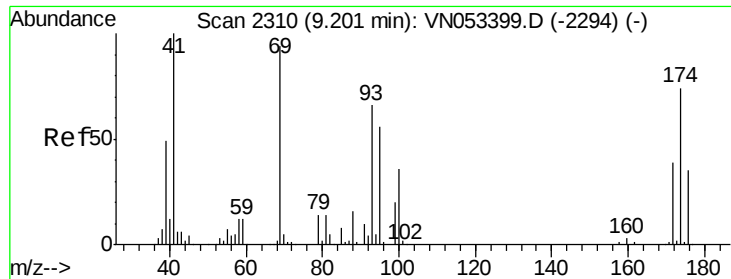
69 93.1 73.8 110.6

39 51.5 40.0 60.0



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





#49

1,4-Dioxane

Concen: 1337.522 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

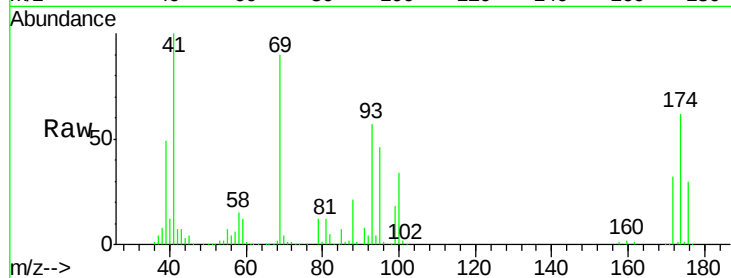
Tot Ion: 88 Resp: 77104

Ion Ratio Lower Upper

88 100

43 31.9 27.8 41.6

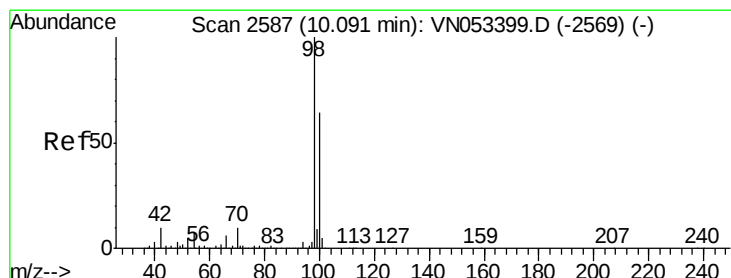
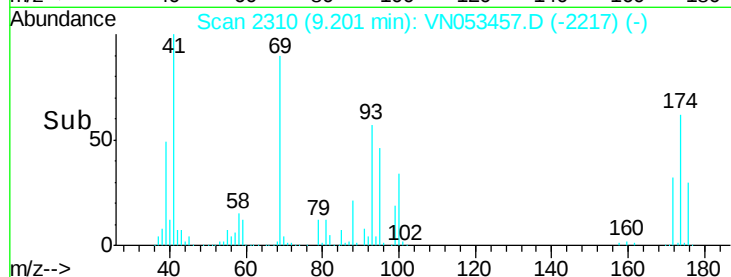
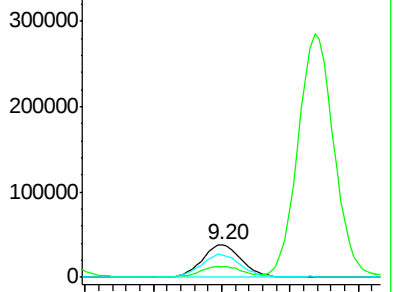
58 70.9 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VN053399.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN053399.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-2294) (-)



#50

Toluene-d8

Concen: 1337.522 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053457.D

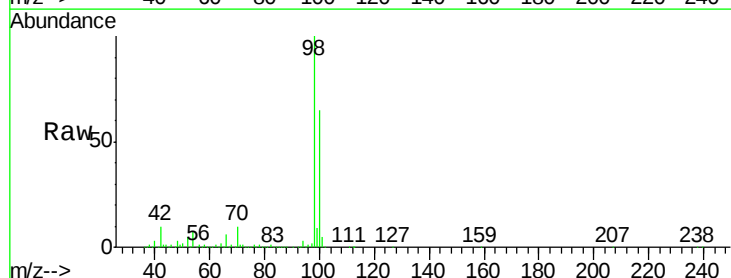
Acq: 18 Jan 2019 1:21

Tgt Ion: 98 Resp: 1496476

Ion Ratio Lower Upper

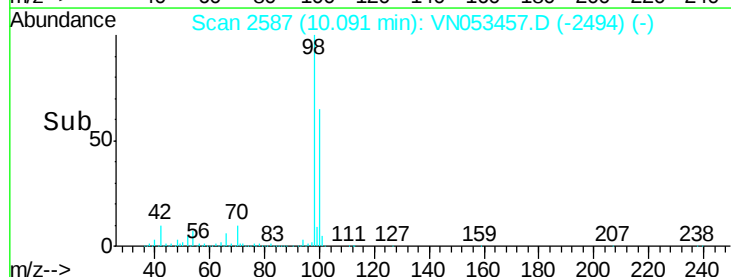
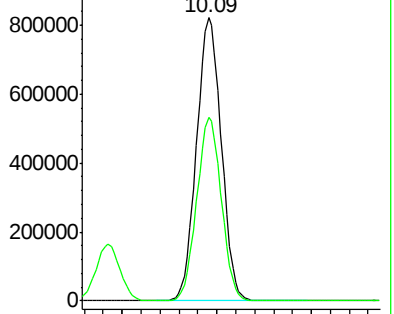
98 100

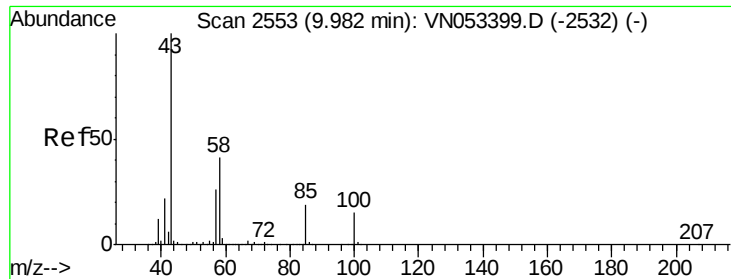
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)

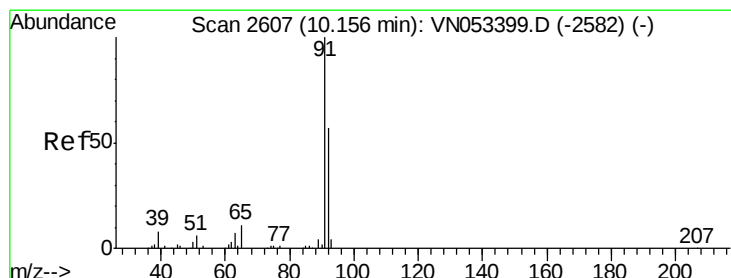
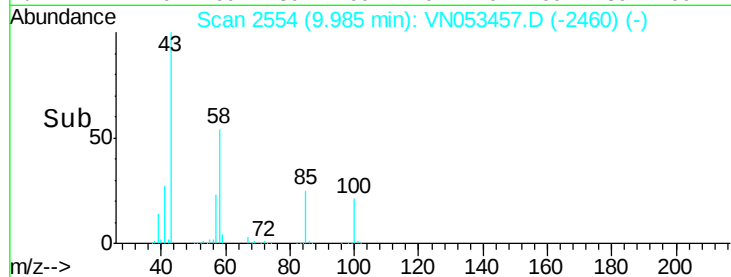
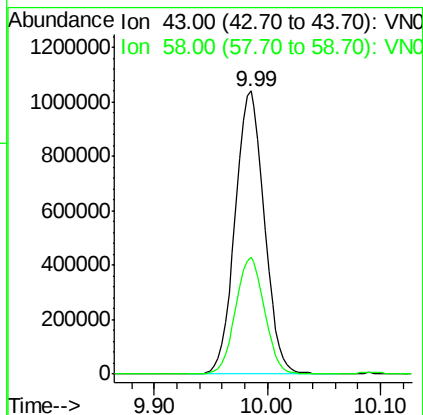
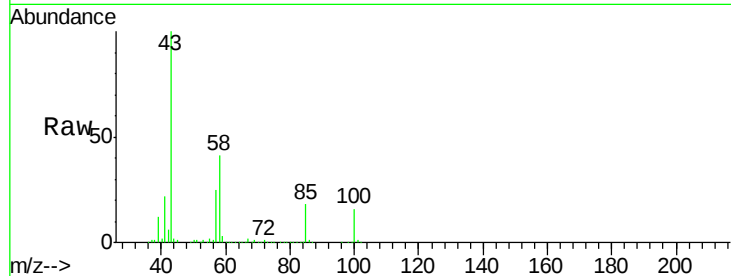
Ion 100.00 (99.70 to 100.70): VN053399.D (-2569) (-)





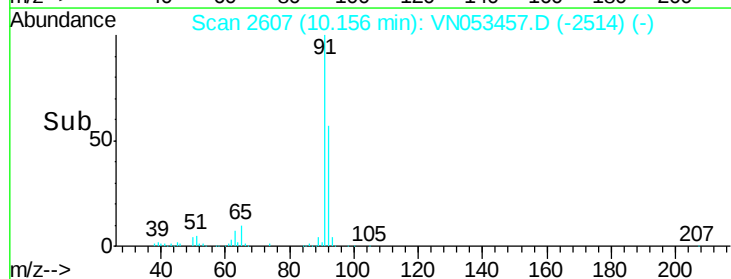
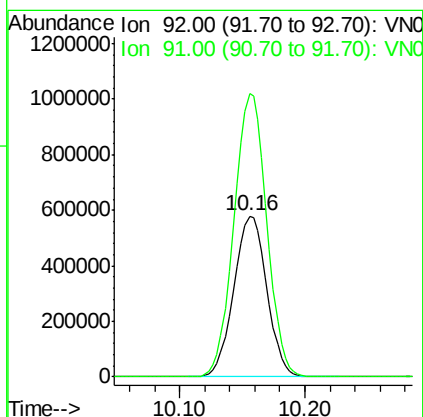
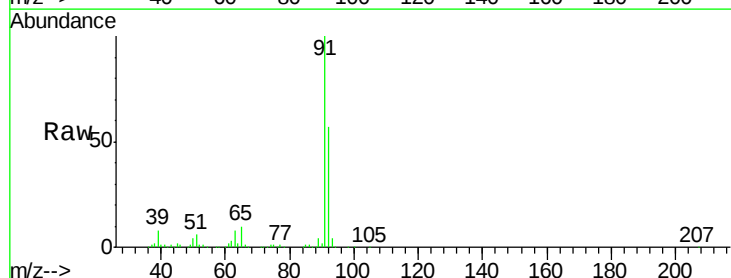
#51
 4-Methyl-2-Pentanone
 Concen: 298.967 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

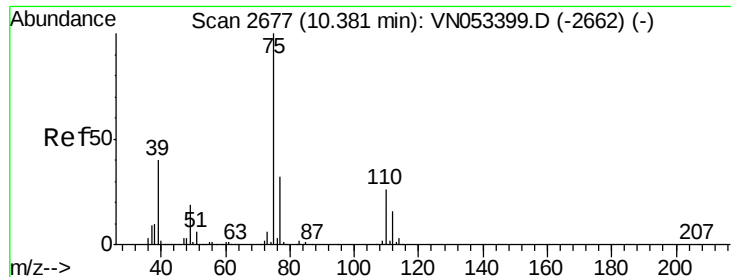
Tot Ion: 43 Resp: 1865771
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.8 49.2



#52
 Toluene
 Concen: 50.573 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

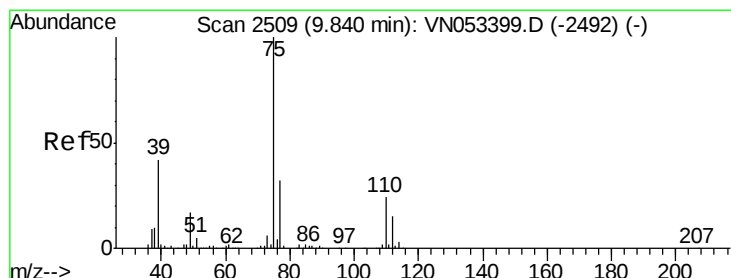
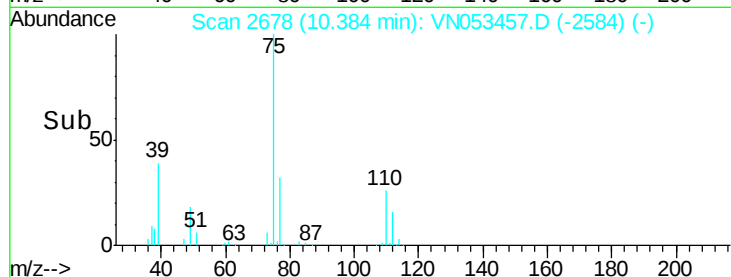
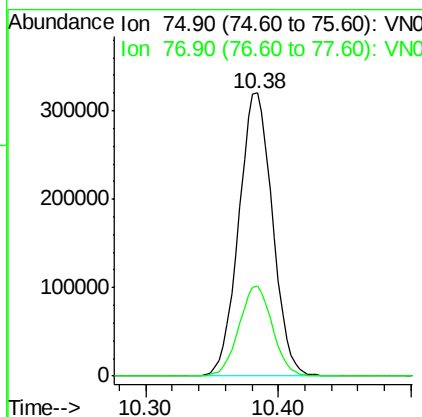
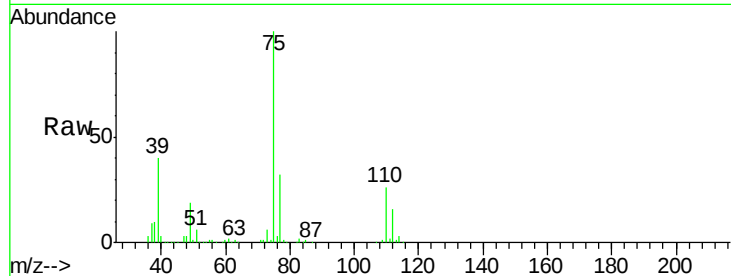
Tgt Ion: 92 Resp: 1054335
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.9 209.9





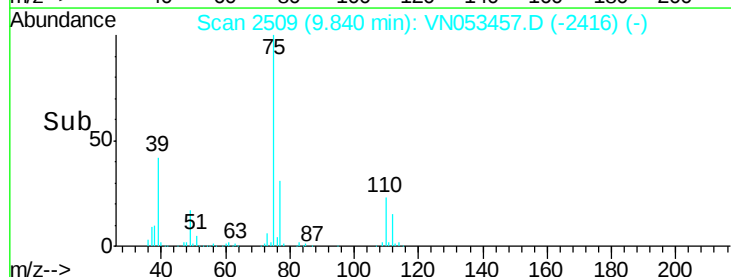
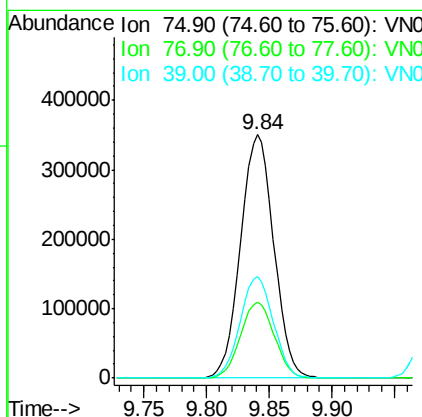
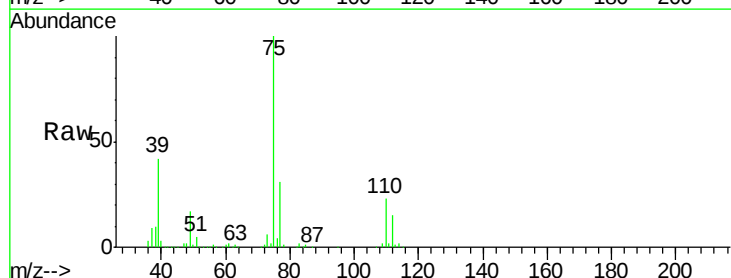
#53
 t-1,3-Dichloropropene
 Concen: 51.868 ug/l
 RT: 10.38 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

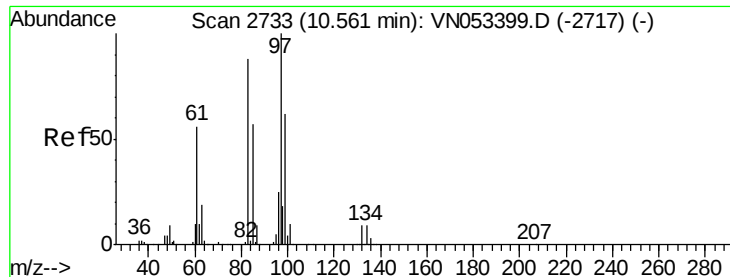
Tot Ion: 75 Resp: 564996
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.506 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

Tgt Ion: 75 Resp: 644930
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.6
 39 41.5 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 54.170 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

Tot Ion: 97 Resp: 389355

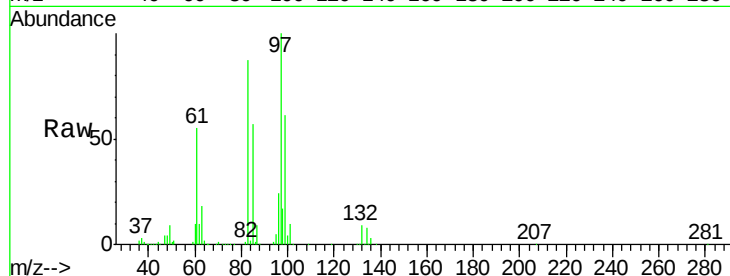
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.1	105.1
85	57.0	45.4	68.0
99	61.1	49.8	74.8

97 100

83 86.6 70.1 105.1

85 57.0 45.4 68.0

99 61.1 49.8 74.8

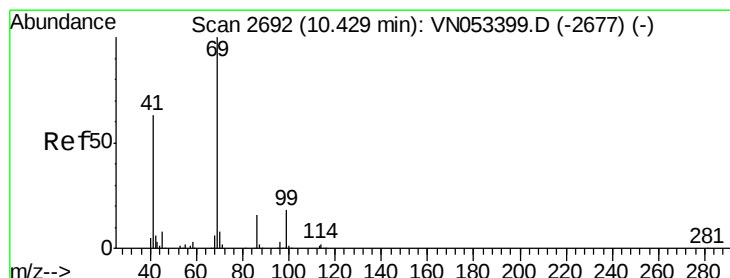
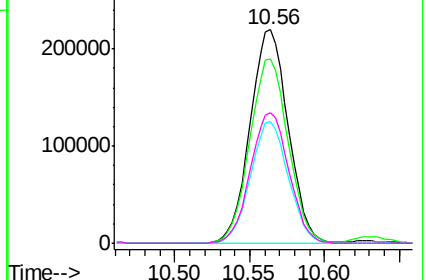
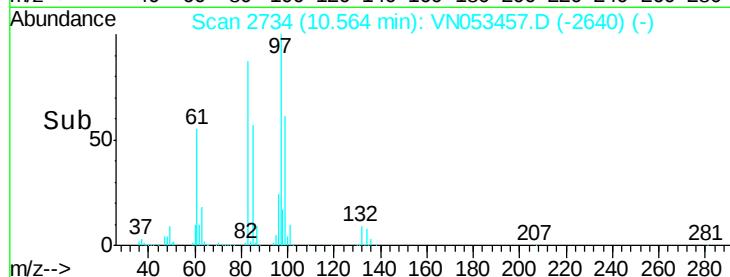


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.646 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

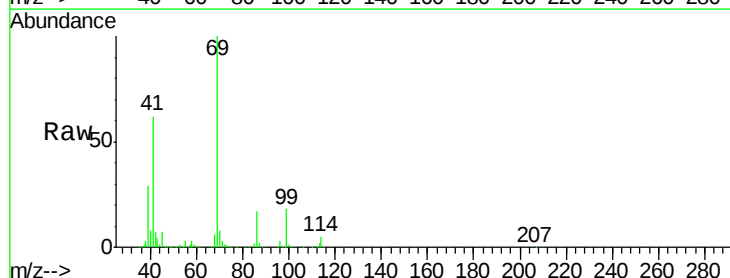
Tgt Ion: 69 Resp: 527536

Ion	Ratio	Lower	Upper
69	100		
41	61.2	49.4	74.0
39	29.2	23.3	34.9

69 100

41 61.2 49.4 74.0

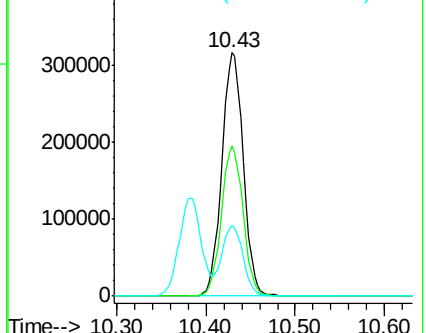
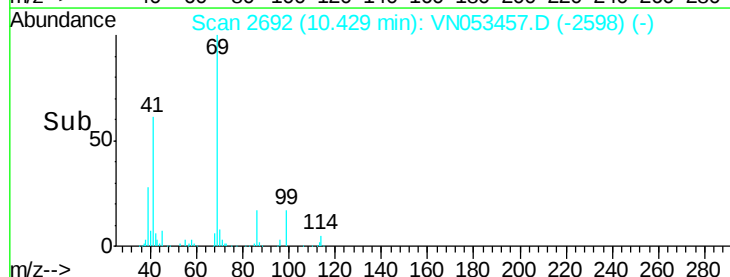
39 29.2 23.3 34.9

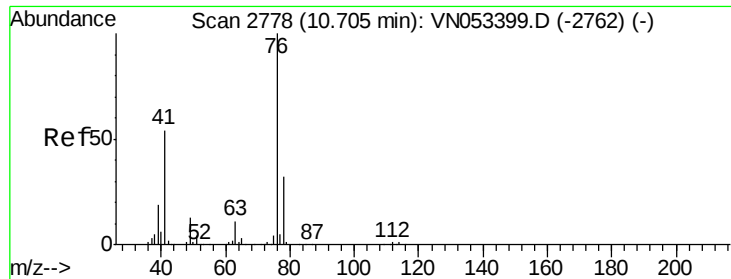


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

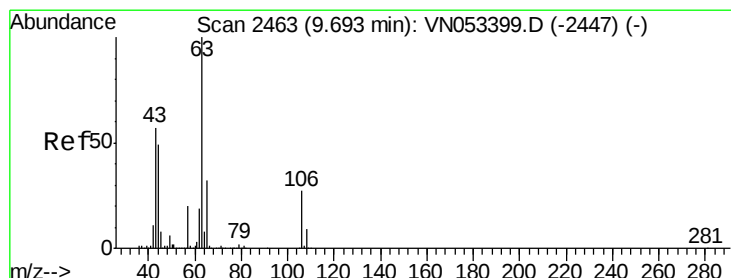
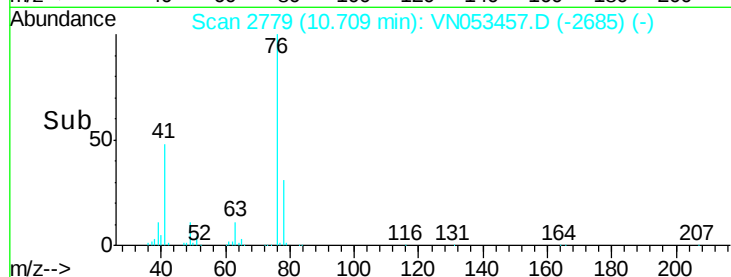
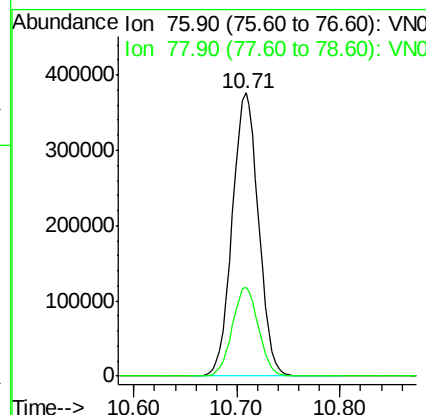
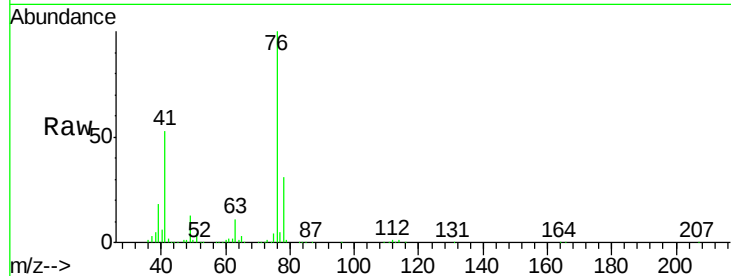
Ion 39.00 (38.70 to 39.70): VN0





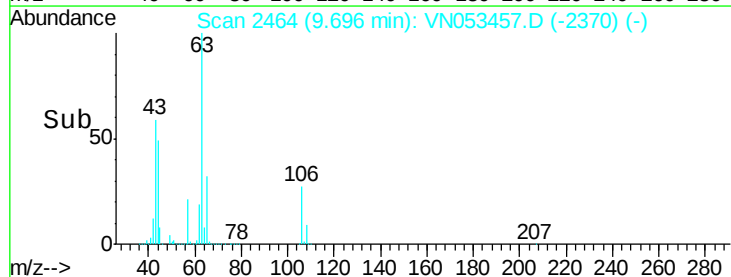
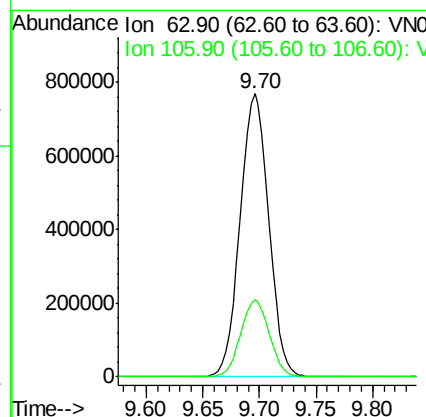
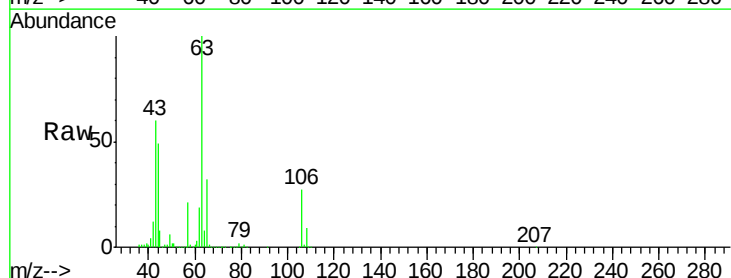
#57
 1,3-Dichloropropane
 Concen: 53.649 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

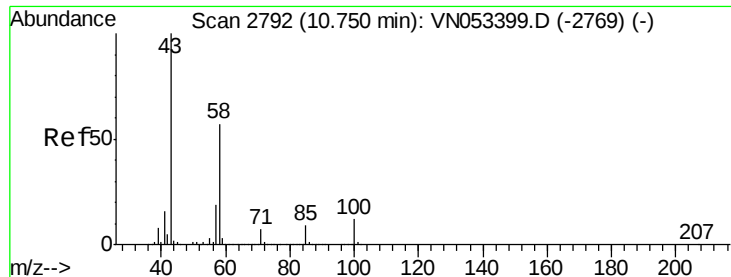
Tot Ion: 76 Resp: 667061
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.145 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

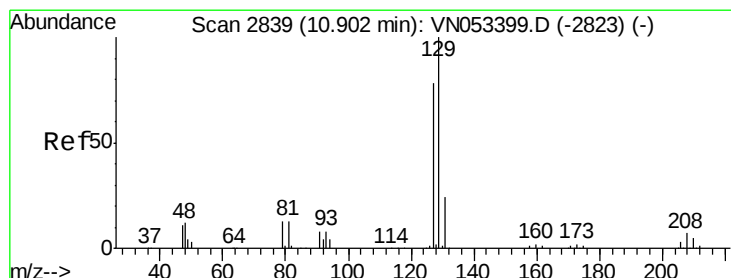
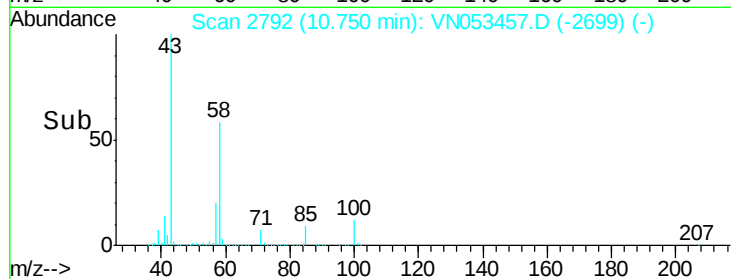
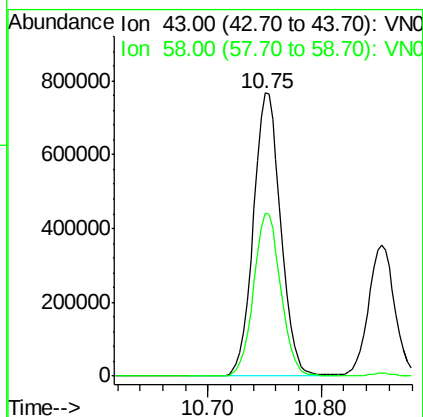
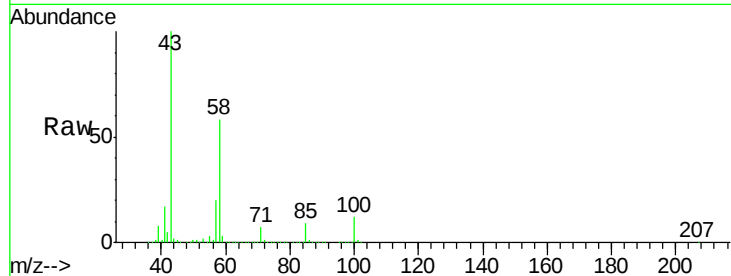
Tgt Ion: 63 Resp: 1358389
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.5 32.3





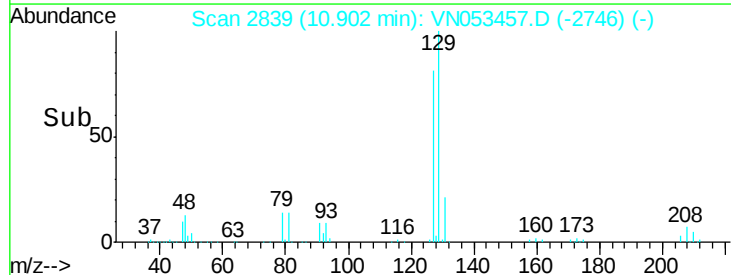
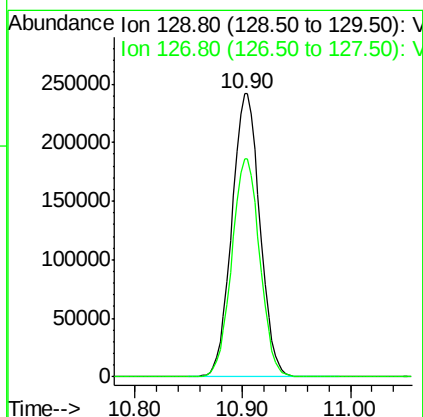
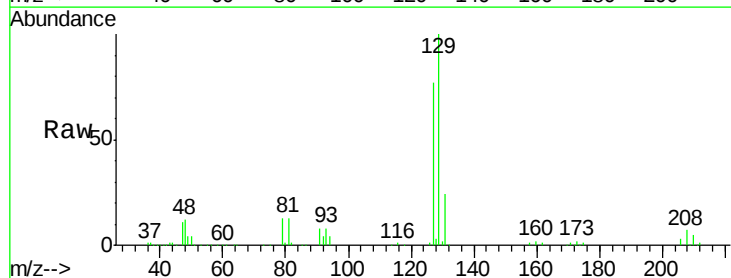
#59
2-Hexanone
Concen: 293.197 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

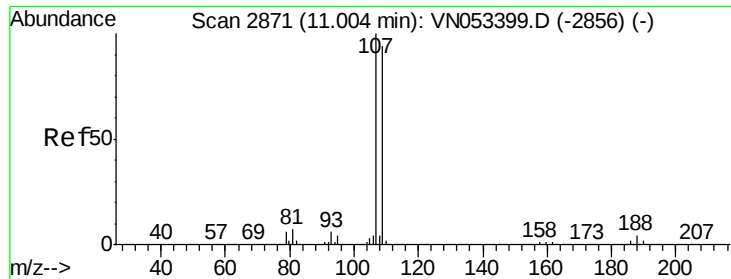
Tot Ion: 43 Resp: 1284472
Ion Ratio Lower Upper
43 100
58 57.2 28.6 85.8



#60
Dibromochloromethane
Concen: 53.457 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

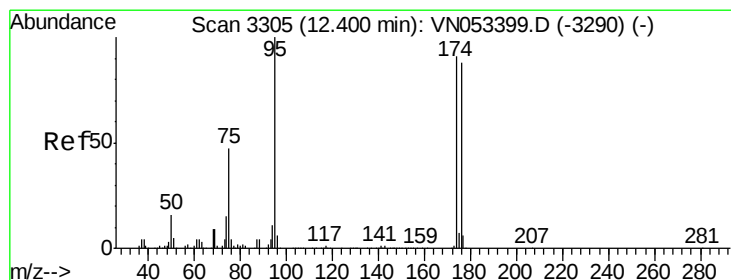
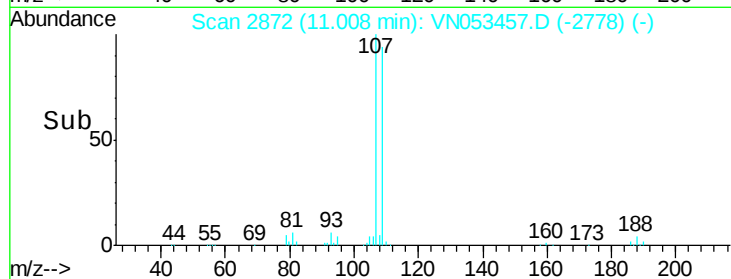
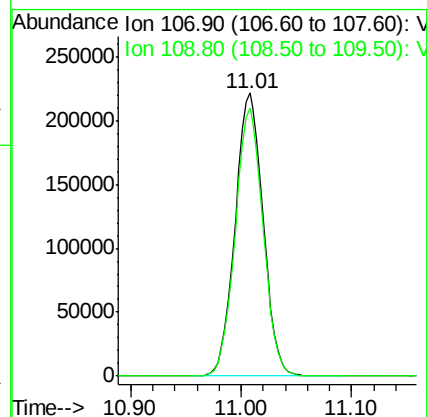
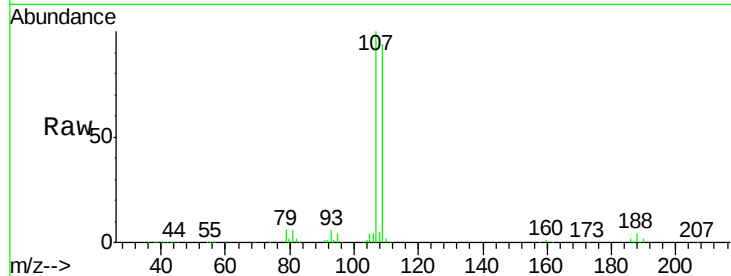
Tgt Ion: 129 Resp: 435798
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





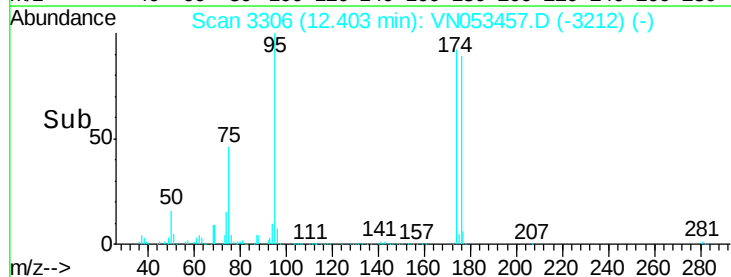
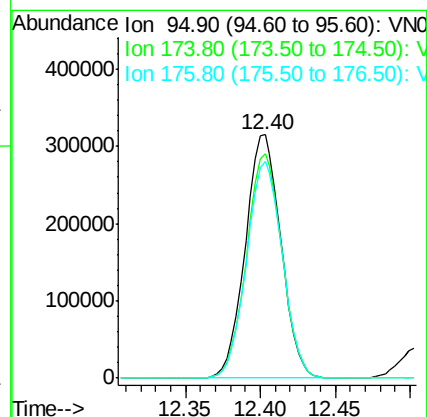
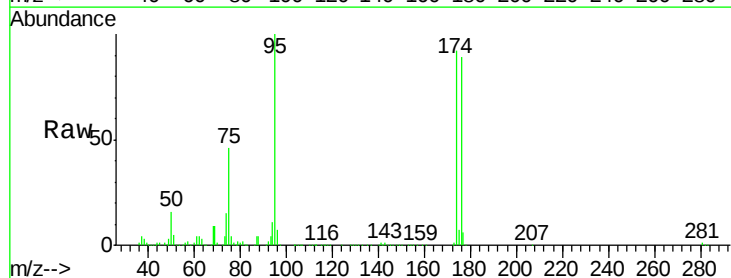
#61
 1,2-Dibromoethane
 Concen: 53.512 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

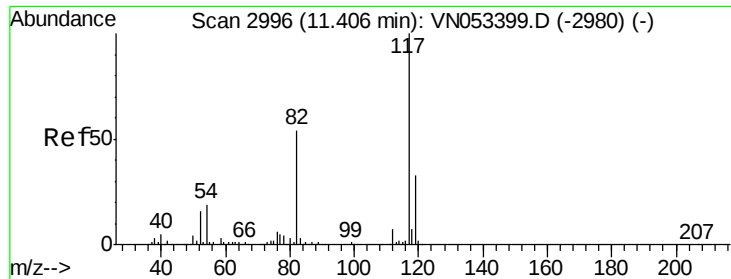
Tot Ion: 107 Resp: 388990
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 53.512 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

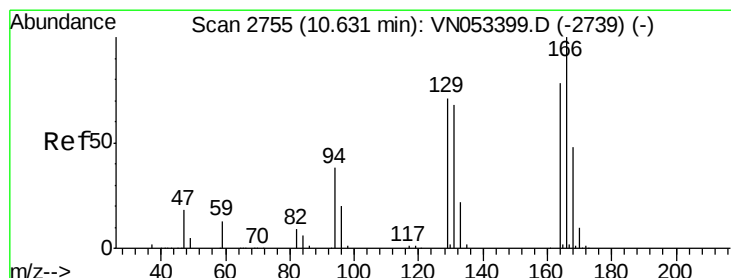
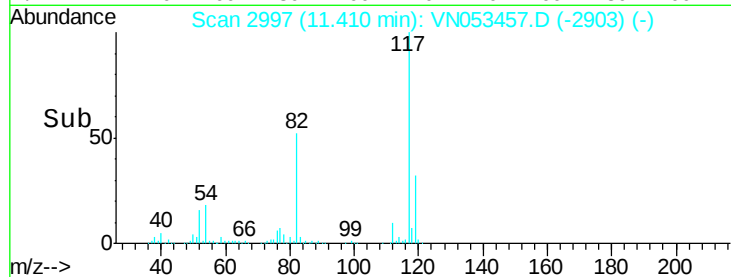
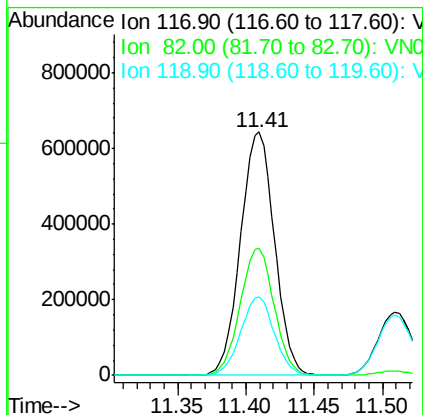
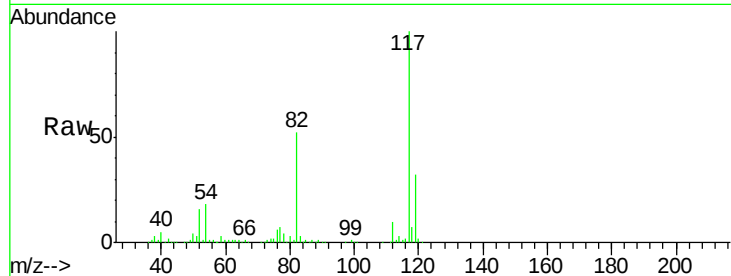
Tgt Ion: 95 Resp: 522355
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 183.2
 176 89.5 0.0 177.4





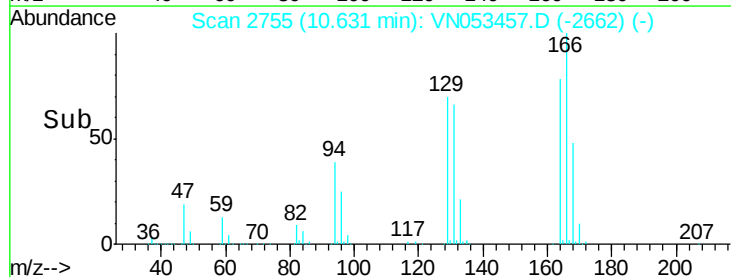
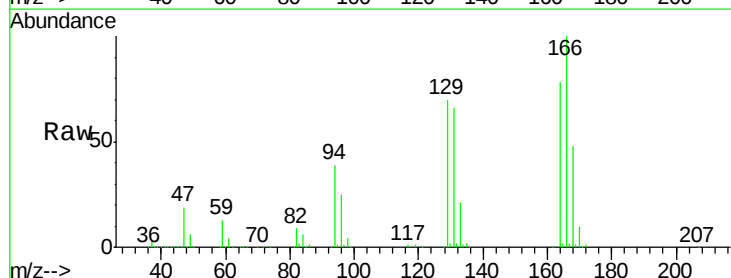
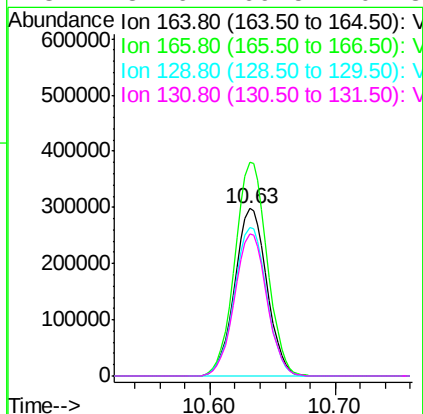
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

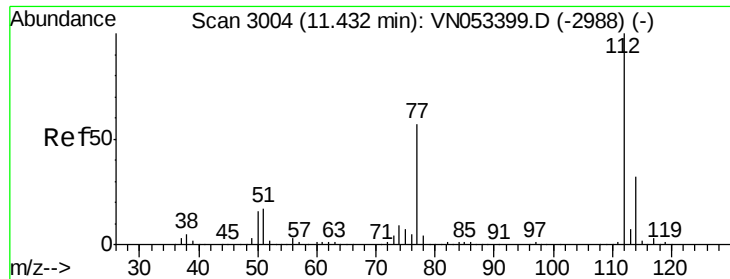
Tot Ion:117 Resp: 1113556
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 50.496 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

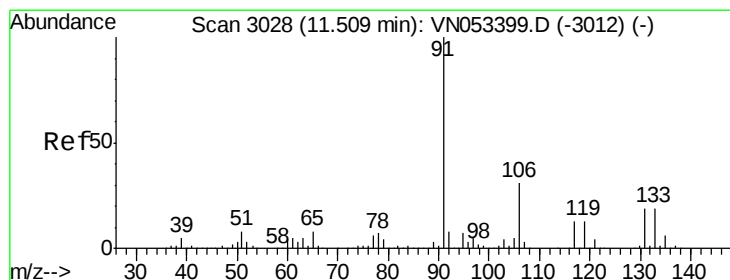
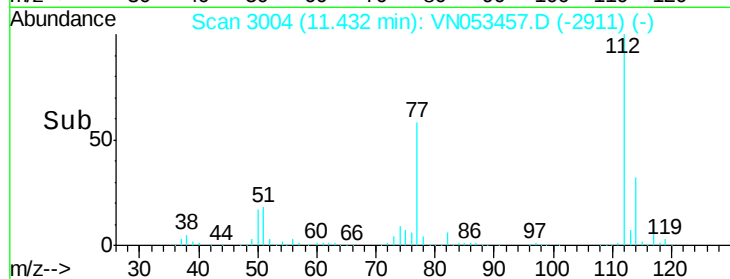
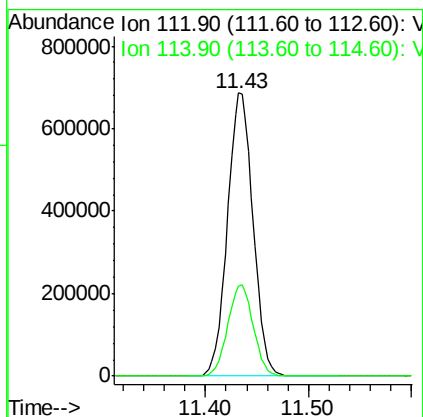
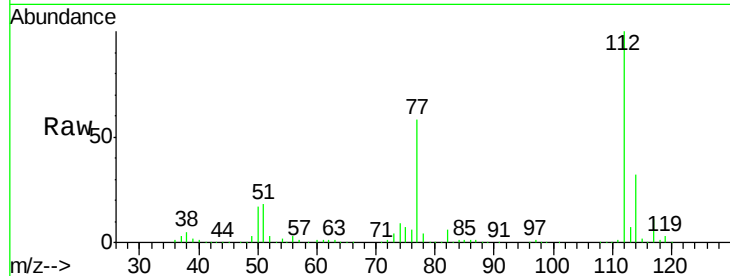
Tgt Ion:164 Resp: 529905
Ion Ratio Lower Upper
164 100
166 127.7 102.2 153.4
129 89.1 72.6 109.0
131 84.6 69.5 104.3





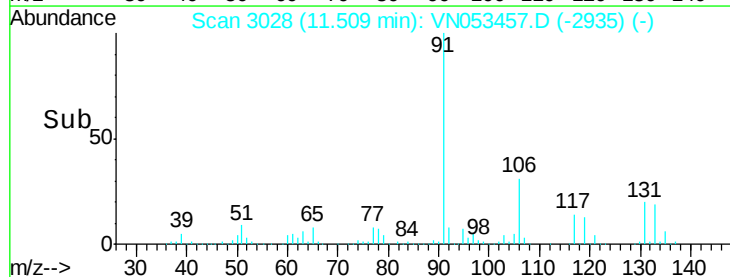
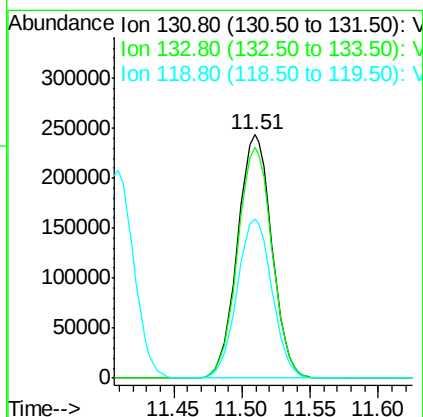
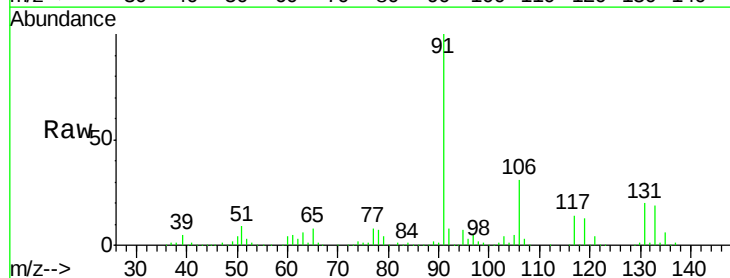
#65
Chlorobenzene
Concen: 50.176 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

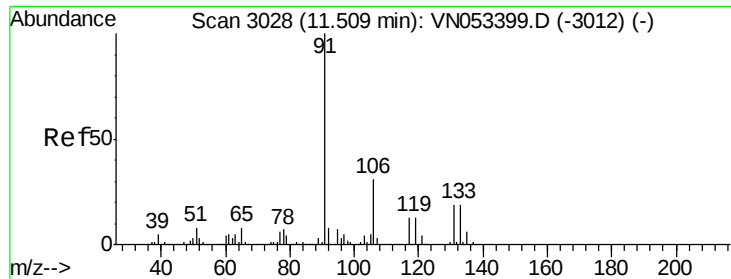
Tot Ion:112 Resp: 1182653
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.833 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

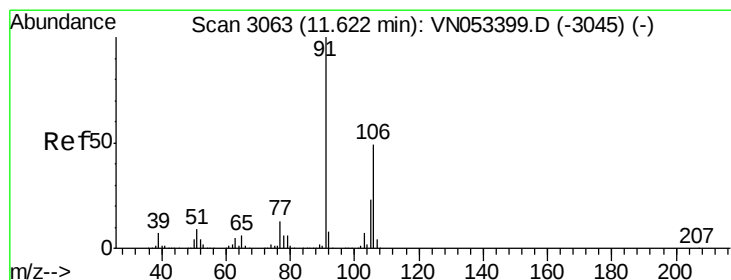
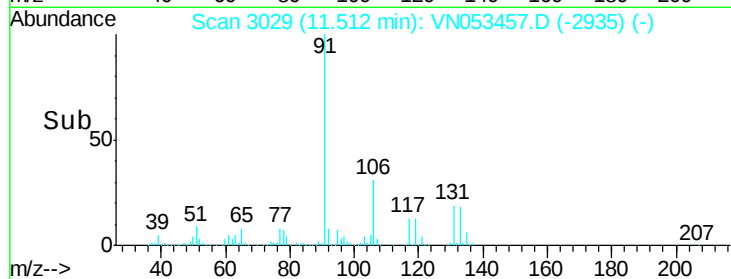
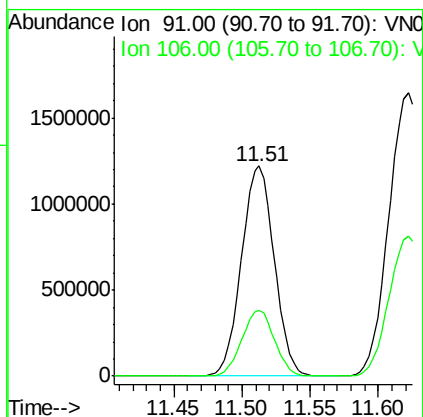
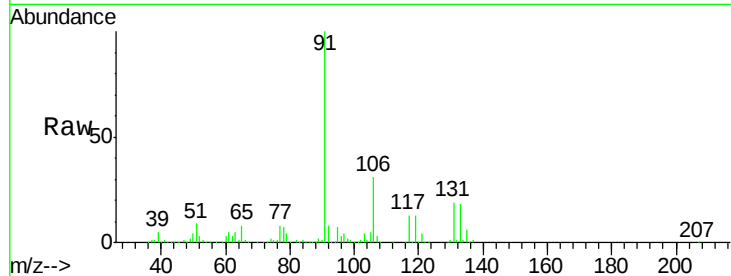
Tgt Ion:131 Resp: 425016
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 66.4 33.5 100.5





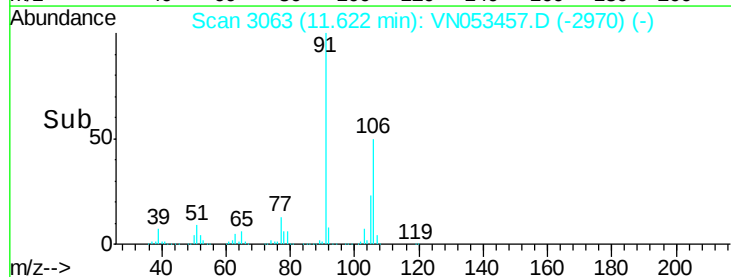
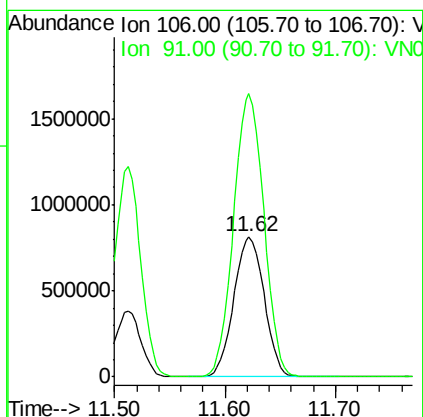
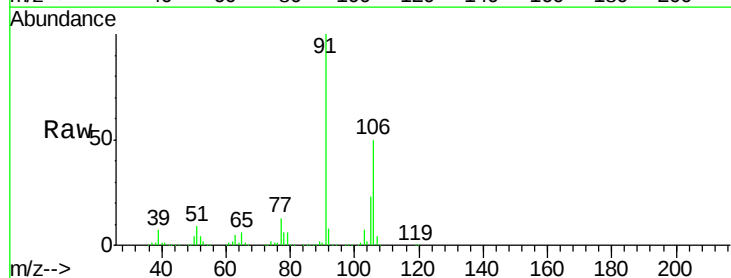
#67
Ethyl Benzene
Concen: 50.629 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

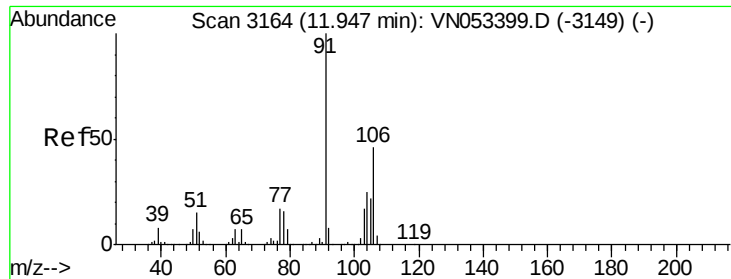
Tot Ion: 91 Resp: 2033727
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 102.536 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

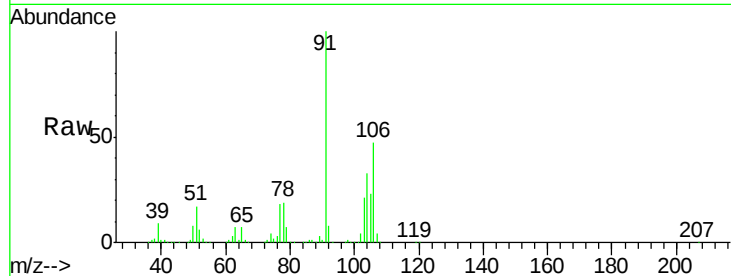
Tgt Ion: 106 Resp: 1555077
Ion Ratio Lower Upper
106 100
91 201.3 161.4 242.2



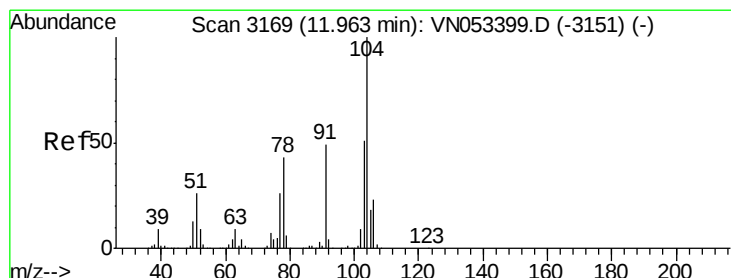
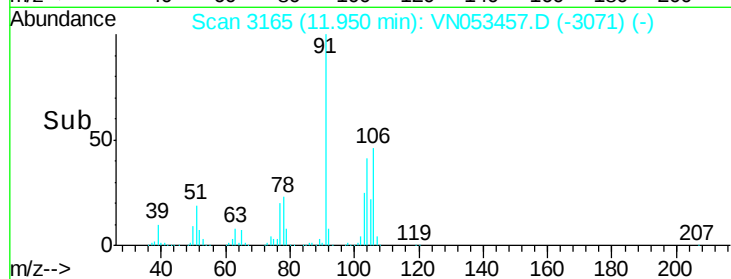
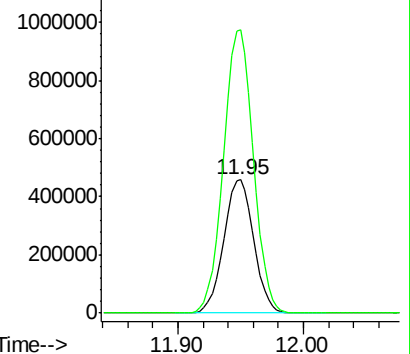


#69
o-Xylene
Concen: 51.436 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tot Ion:106 Resp: 758007
Ion Ratio Lower Upper
106 100
91 212.4 106.9 320.8

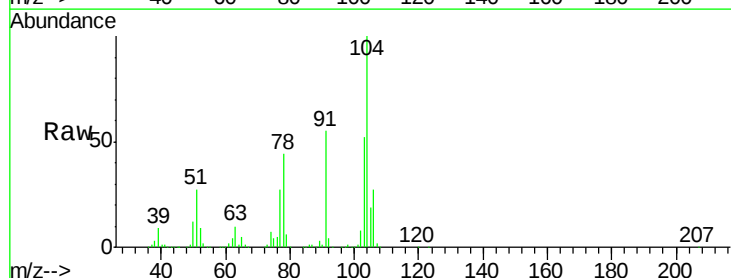


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

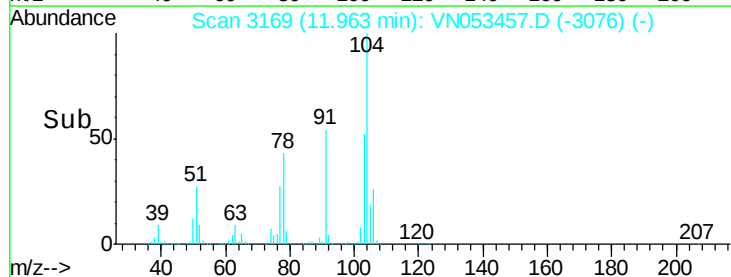
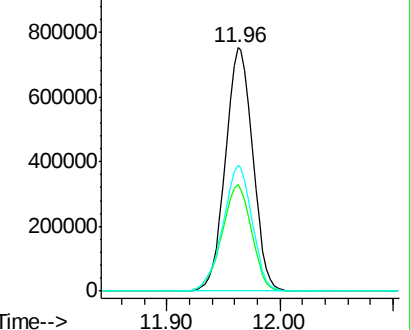


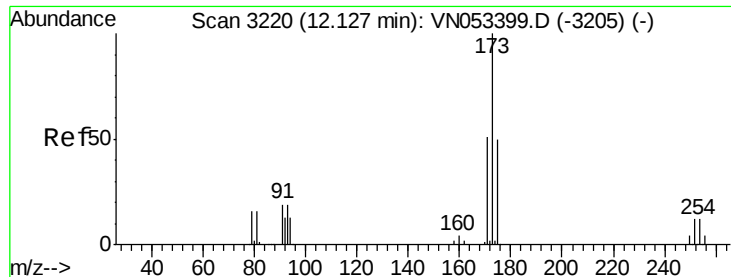
#70
Styrene
Concen: 52.943 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion:104 Resp: 1266265
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.2
103 55.2 44.4 66.6



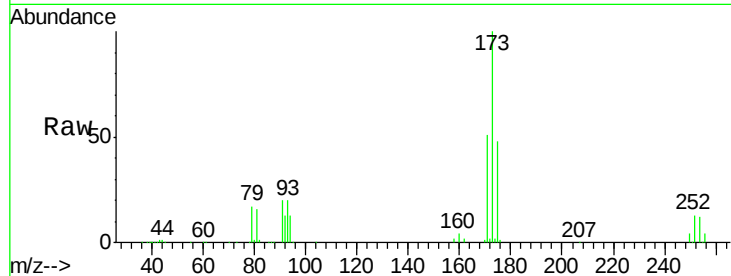
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



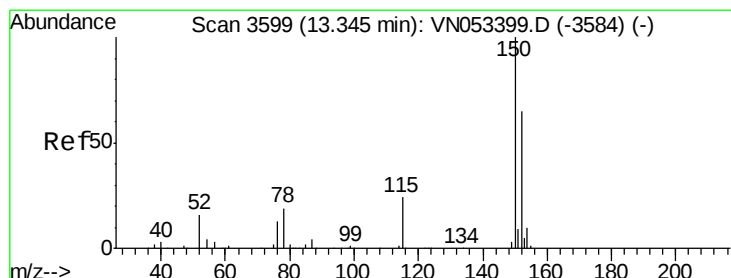
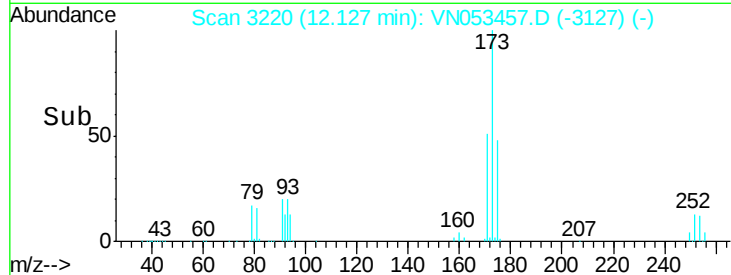
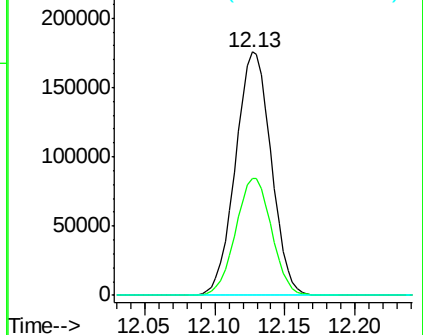


#71
Bromoform
Concen: 55.057 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tot Ion:173 Resp: 310801
Ion Ratio Lower Upper
173 100
175 48.5 24.6 74.0
254 0.1 0.2 0.2#

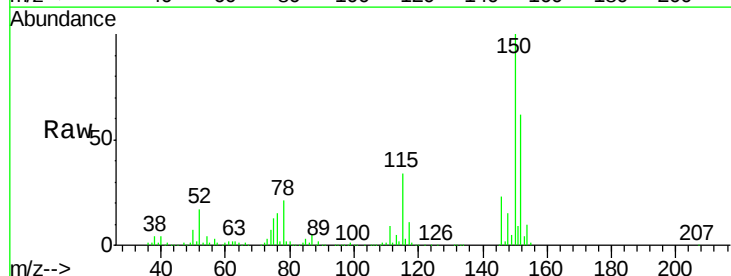


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

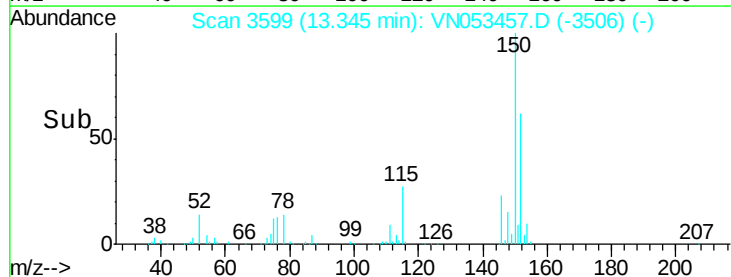
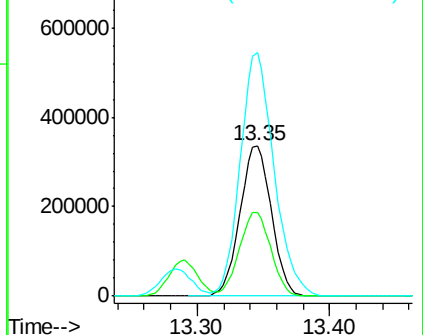


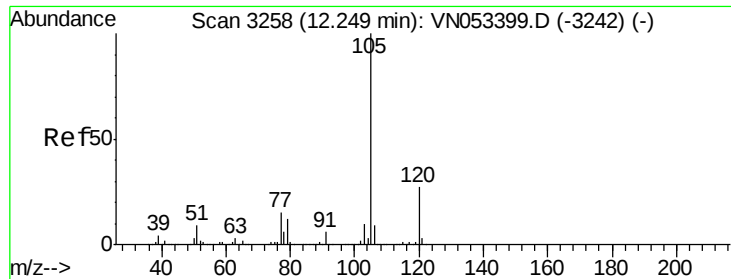
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion:152 Resp: 551955
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 174.8 0.0 349.0



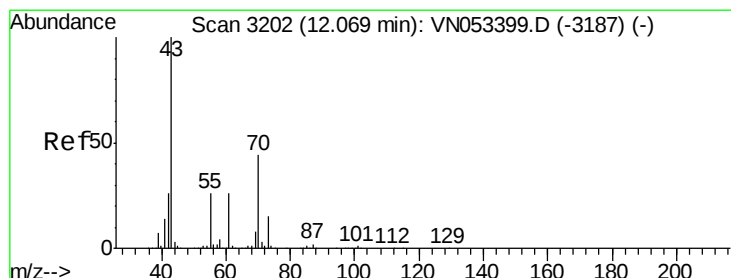
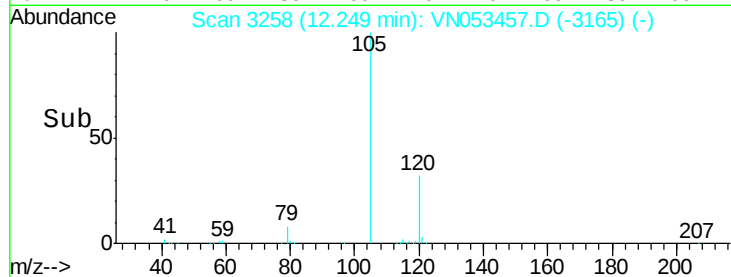
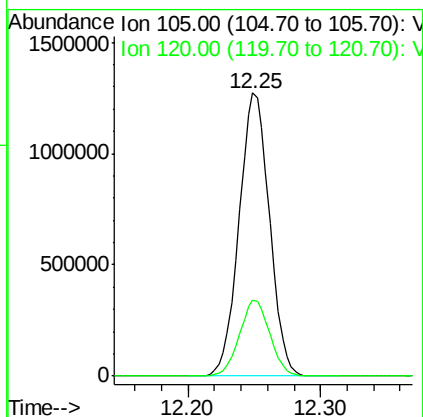
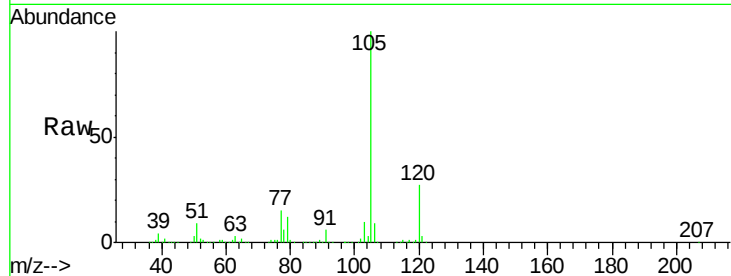
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





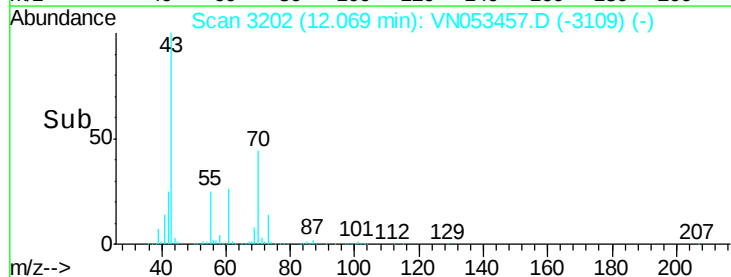
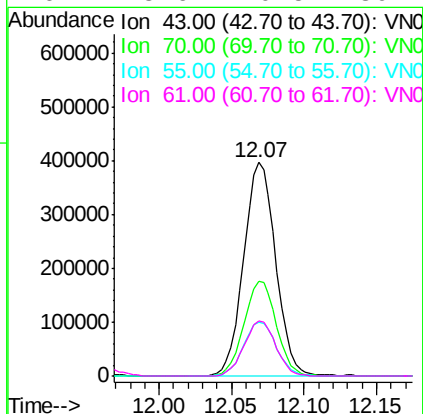
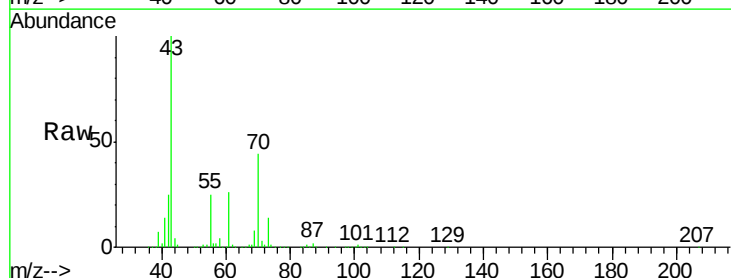
#73
Isopropylbenzene
Concen: 50.036 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

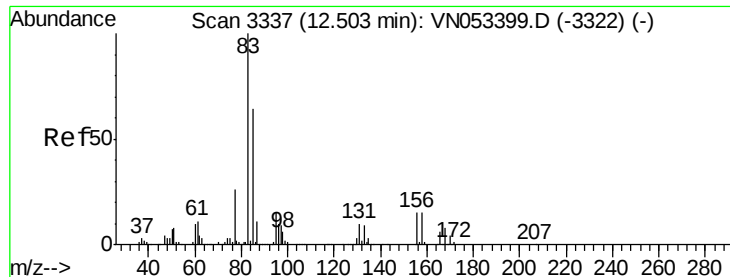
Tot Ion: 105 Resp: 2022472
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.7



#74
N-ethyl acetate
Concen: 56.476 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion: 43 Resp: 608537
Ion Ratio Lower Upper
43 100
70 44.8 35.4 53.2
55 26.1 20.9 31.3
61 25.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.646 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

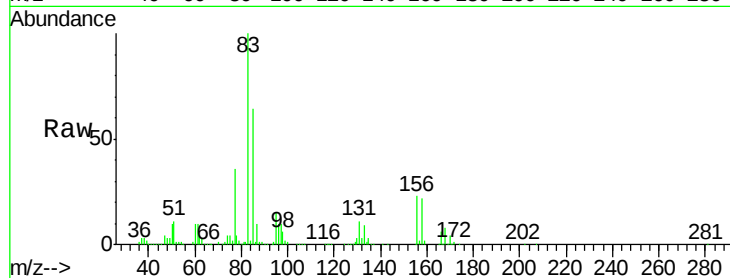
Tot Ion: 83 Resp: 454769

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

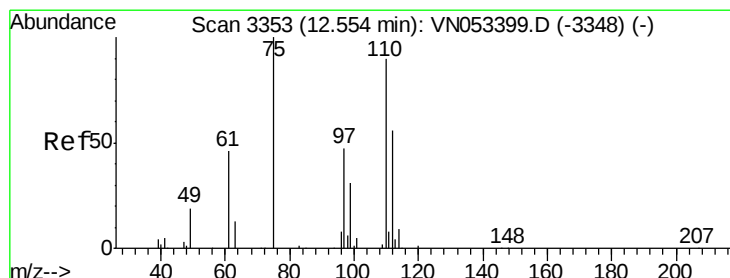
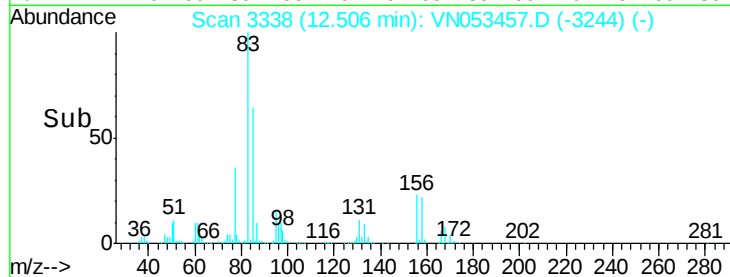
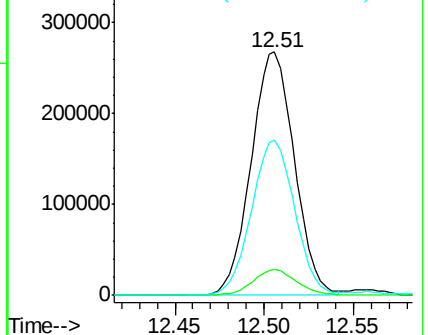
85 63.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN053399.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN053399.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN053399.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 55.584 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053457.D

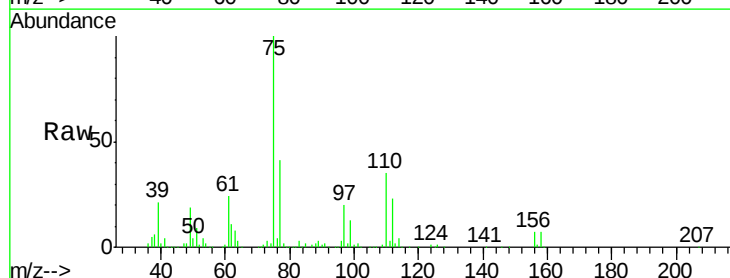
Acq: 18 Jan 2019 1:21

Tgt Ion: 75 Resp: 404300

Ion Ratio Lower Upper

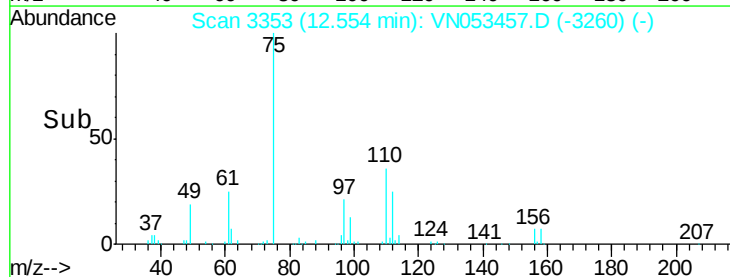
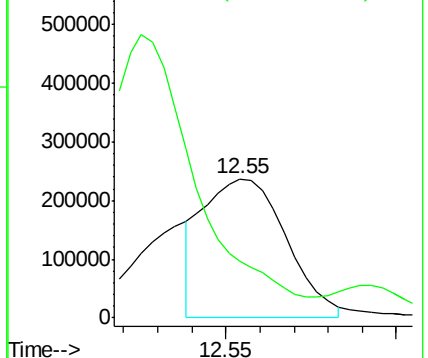
75 100

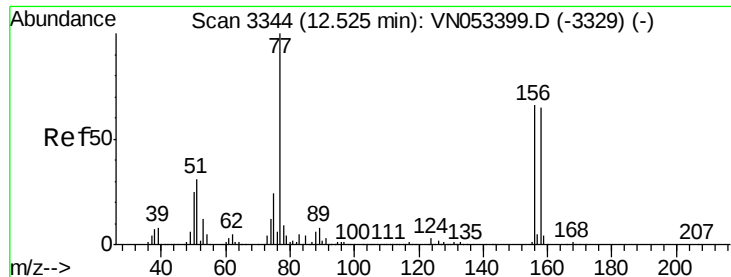
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053399.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN053399.D (-3348) (-)





#77

Bromobenzene

Concen: 50.305 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

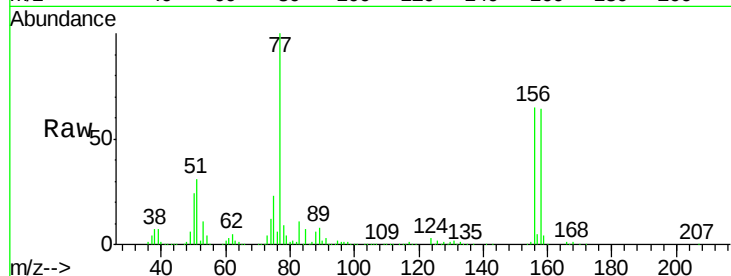
Tot Ion:156 Resp: 535788

Ion Ratio Lower Upper

156 100

77 175.8 87.9 263.8

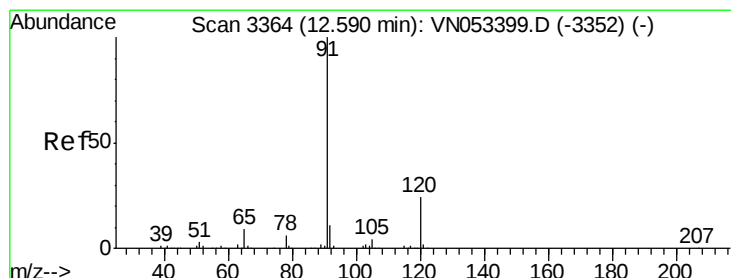
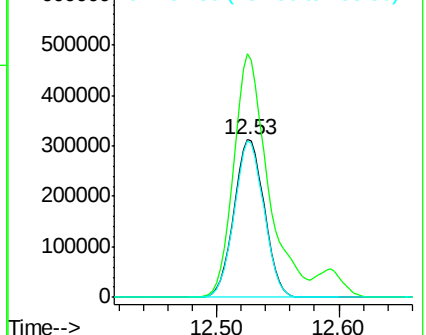
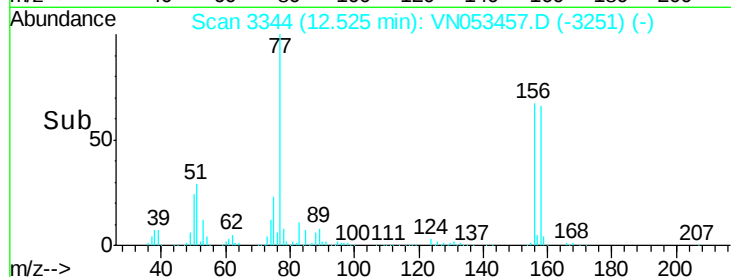
158 97.1 48.8 146.4



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: 49.941 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053457.D

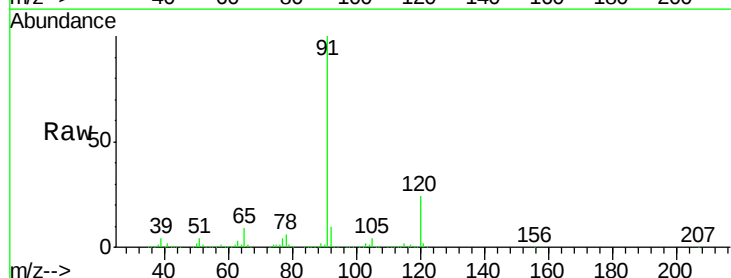
Acq: 18 Jan 2019 1:21

Tgt Ion: 91 Resp: 2317127

Ion Ratio Lower Upper

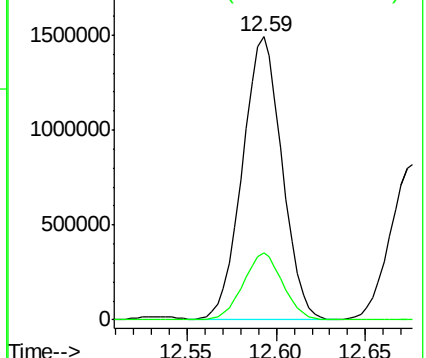
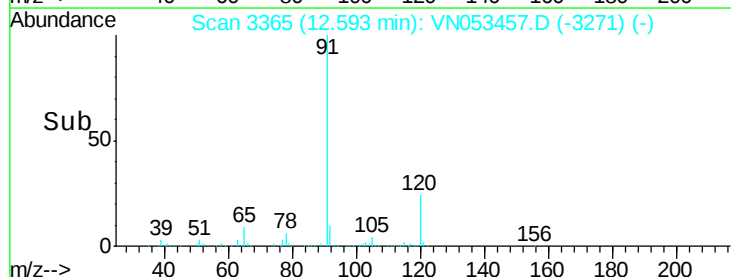
91 100

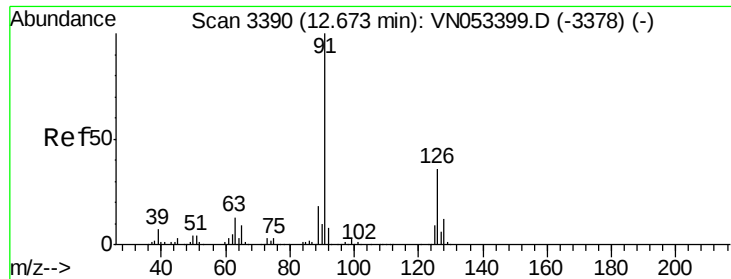
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.209 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053457.D

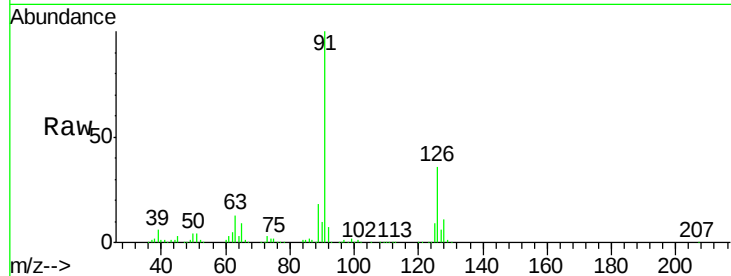
Acq: 18 Jan 2019 1:21

Tot Ion: 91 Resp: 1353321

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN053399.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN053399.D (-3378) (-)

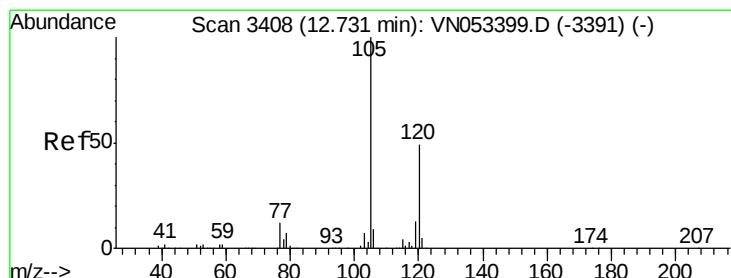
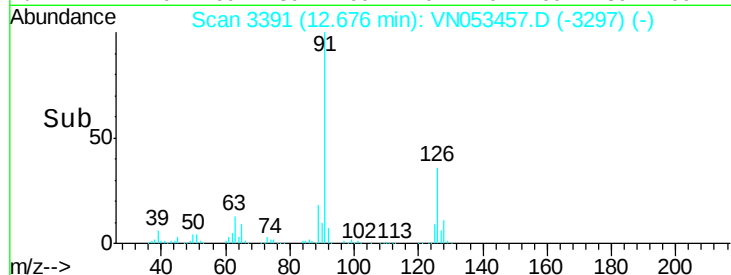
1000000

500000

0

12.68

Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 50.291 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053457.D

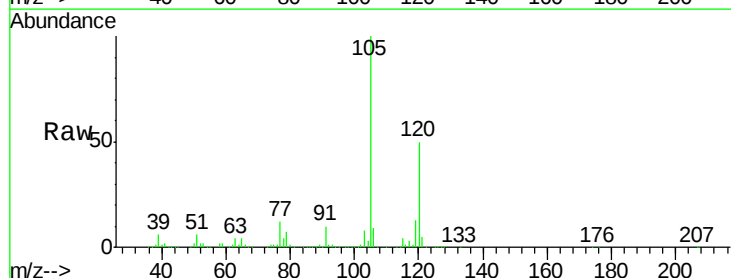
Acq: 18 Jan 2019 1:21

Tgt Ion: 105 Resp: 1653904

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053399.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN053399.D (-3391) (-)

1200000

1000000

800000

600000

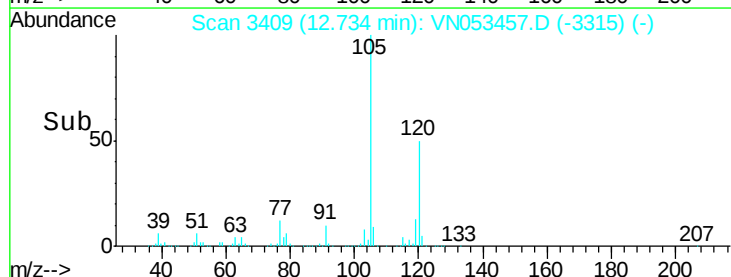
400000

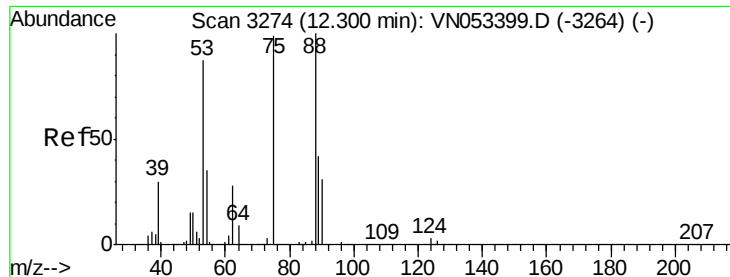
200000

0

12.73

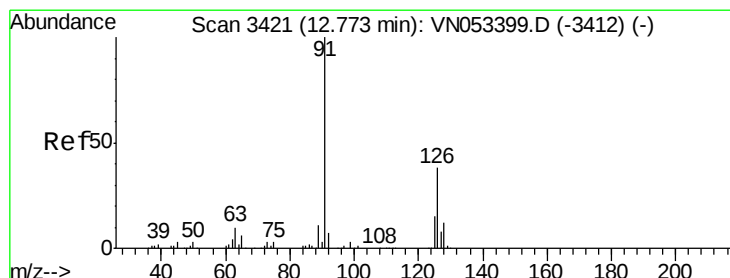
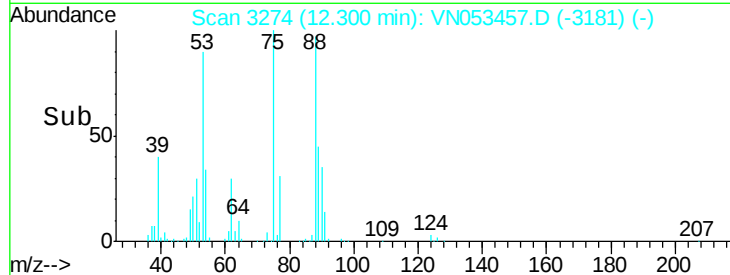
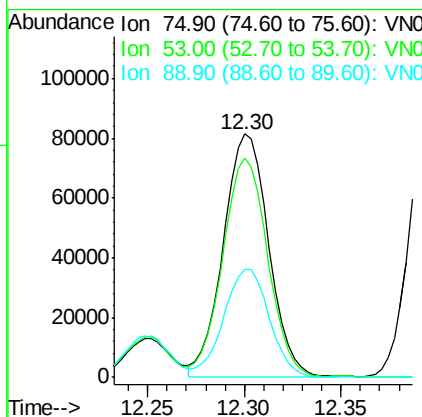
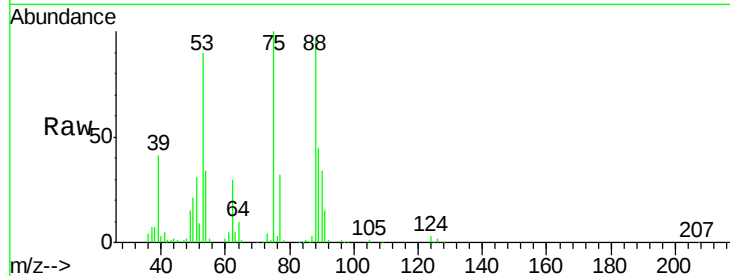
Time--> 12.70 12.80





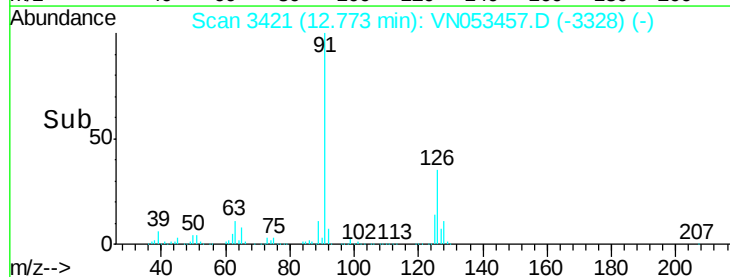
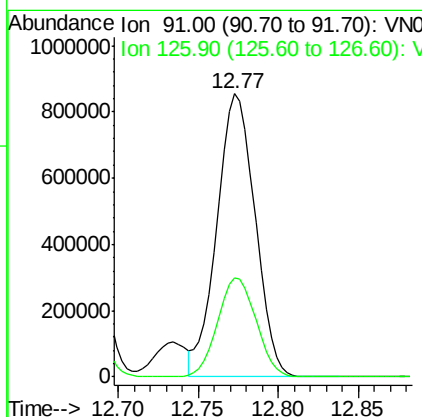
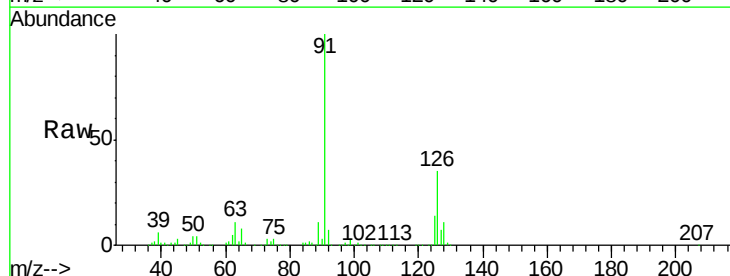
#81
trans-1,4-Dichloro-2-butene
Concen: 46.445 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

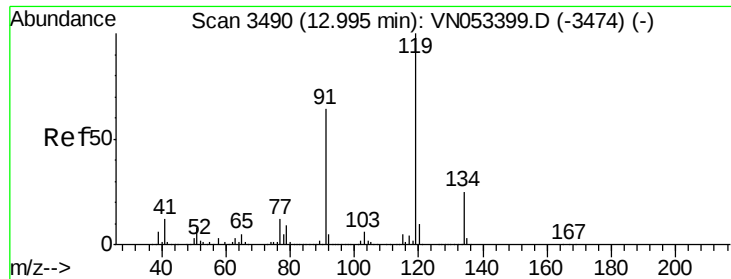
Tot Ion: 75 Resp: 132944
Ion Ratio Lower Upper
75 100
53 88.7 69.8 104.6
89 44.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 49.961 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

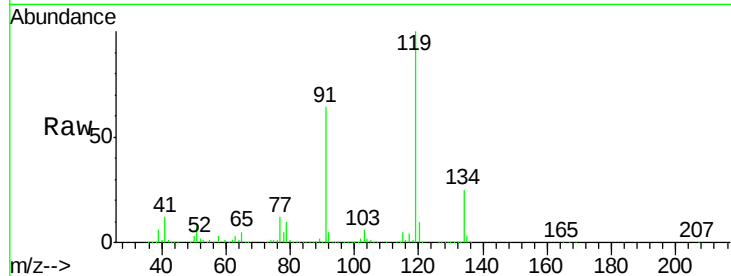
Tgt Ion: 91 Resp: 1401192
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.9



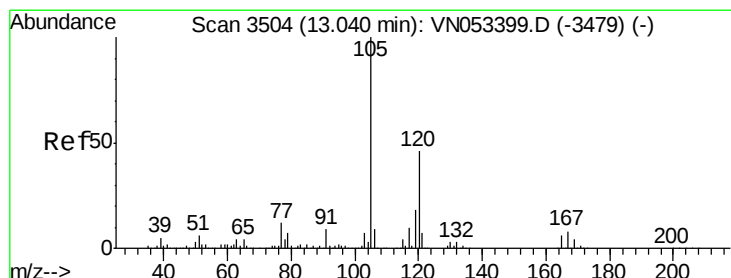
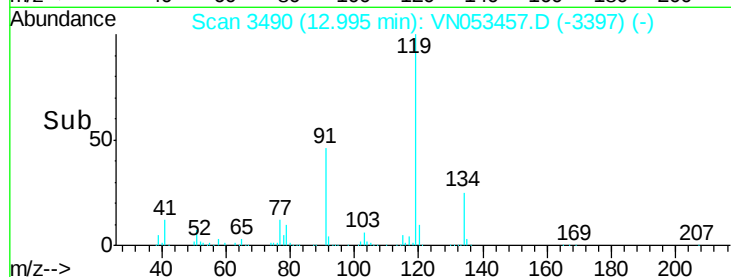
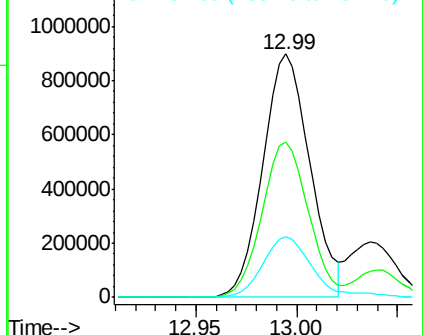


#83
tert-Butylbenzene
Concen: 50.223 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tot Ion:119 Resp: 1458783
Ion Ratio Lower Upper
119 100
91 63.1 31.3 93.8
134 26.3 12.9 38.7

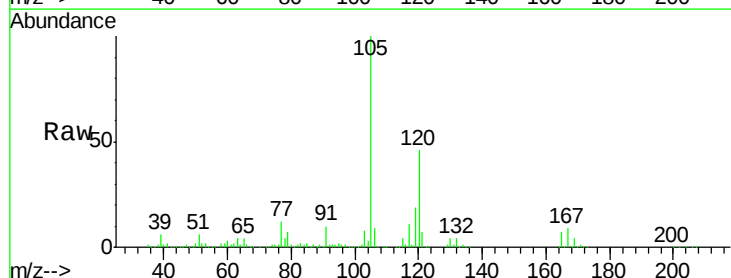


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

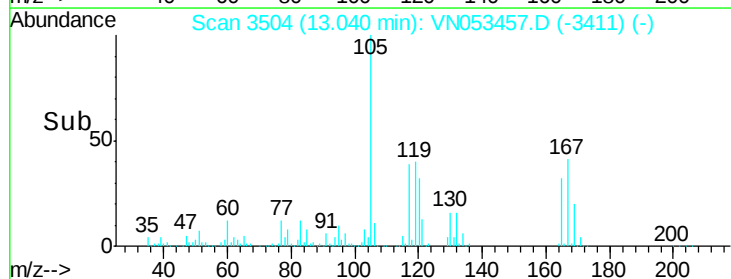
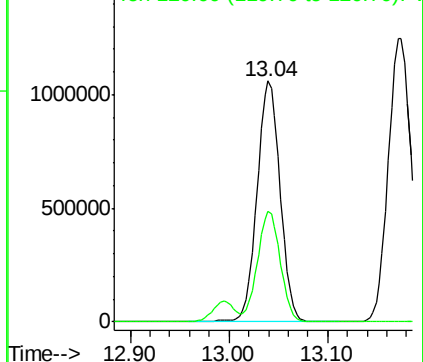


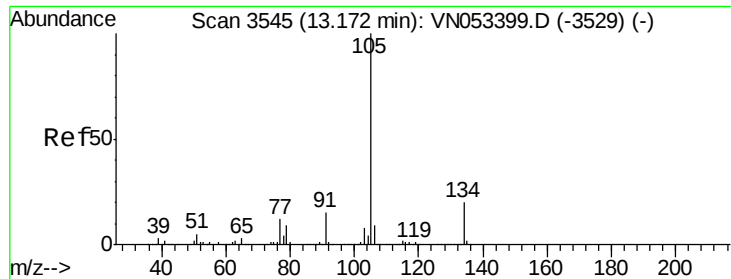
#84
1,2,4-Trimethylbenzene
Concen: 51.244 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion:105 Resp: 1699247
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 50.304 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053457.D

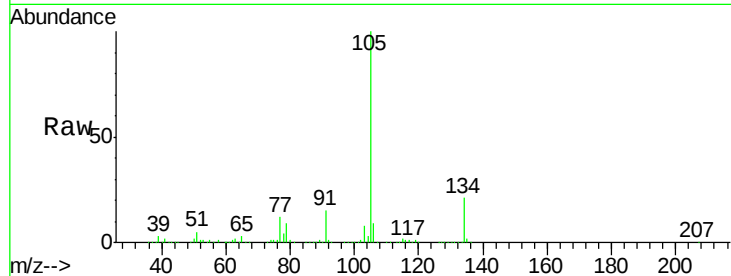
Acq: 18 Jan 2019 1:21

Tot Ion:105 Resp: 2003897

Ion Ratio Lower Upper

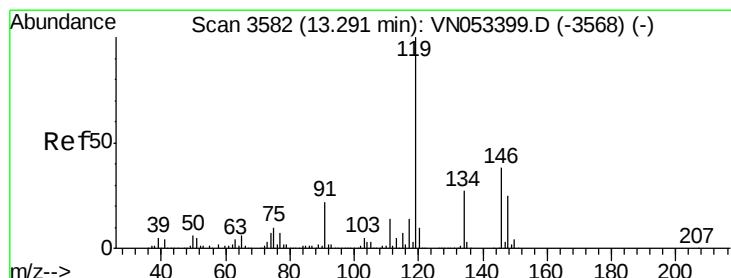
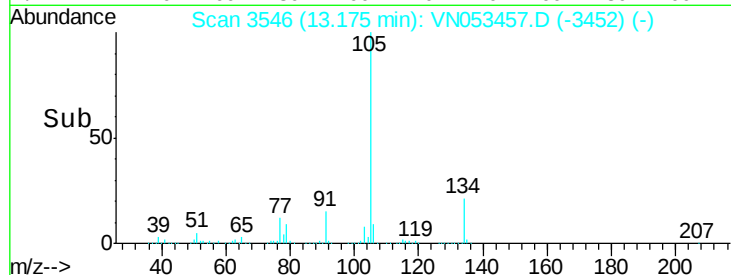
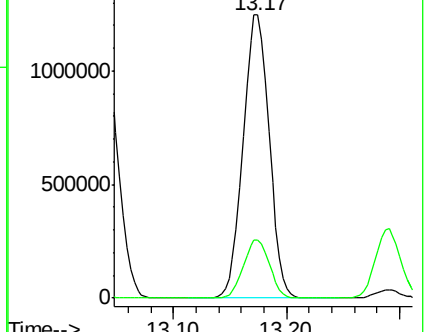
105 100

134 20.6 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.627 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

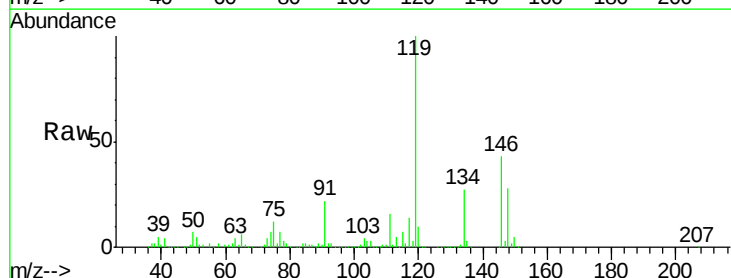
Tgt Ion:119 Resp: 1751106

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

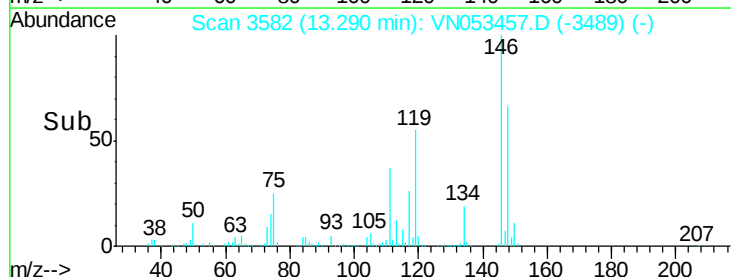
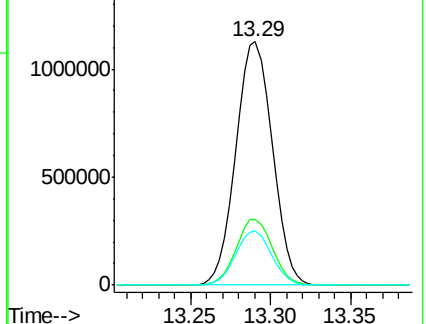
91 21.8 11.0 33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.613 ug/l

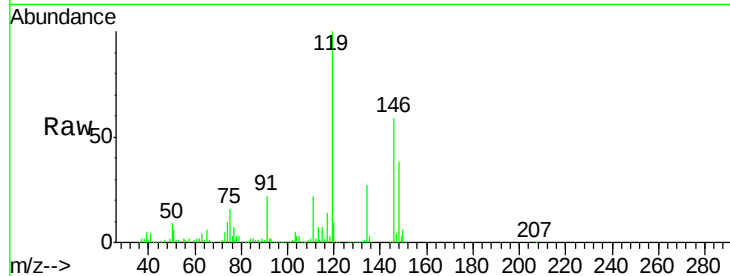
RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

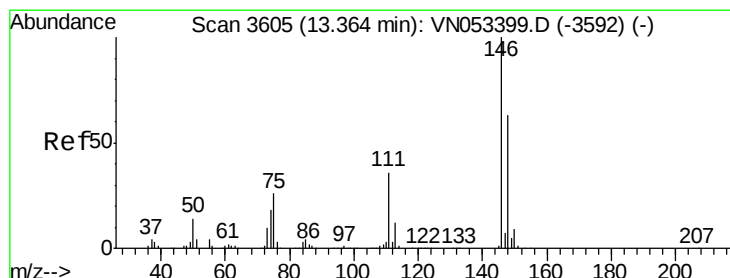
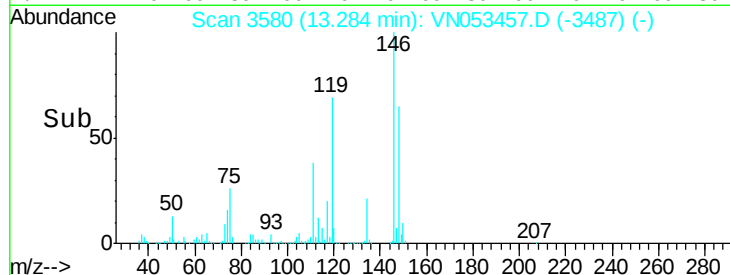
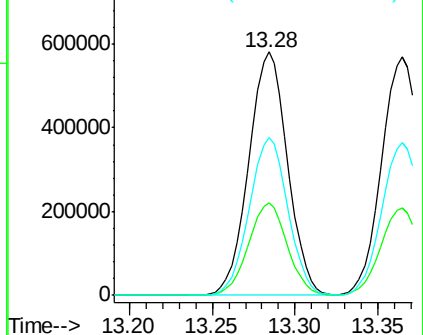
Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

Tot Ion:146	Resp:	948242	
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.8	56.3
148	64.7	32.0	96.2



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: 50.243 ug/l

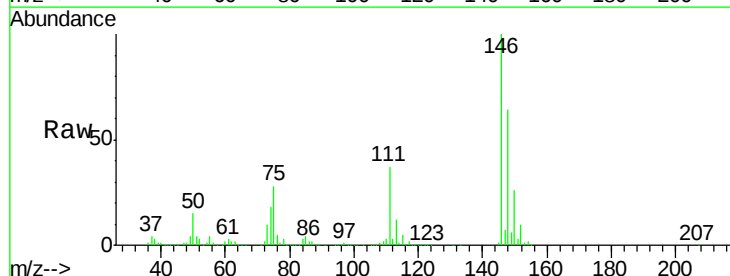
RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

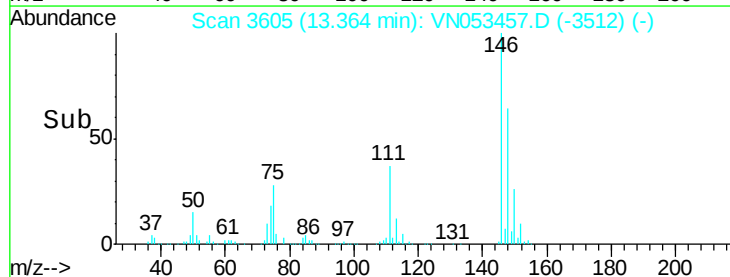
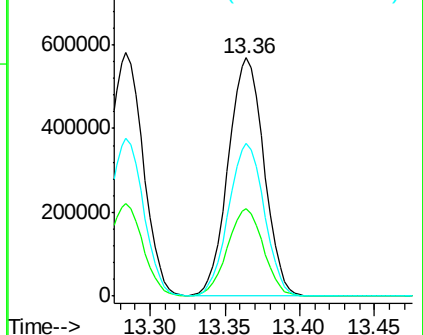
Lab File: VN053457.D

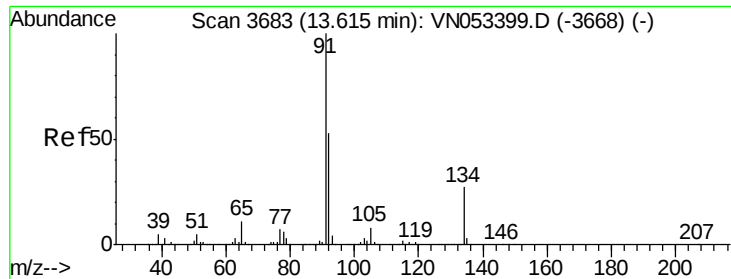
Acq: 18 Jan 2019 1:21

Tgt	Ion:146	Resp:	944224
Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	64.3	32.4	97.0



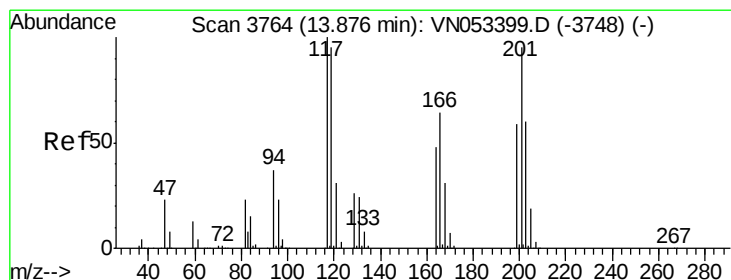
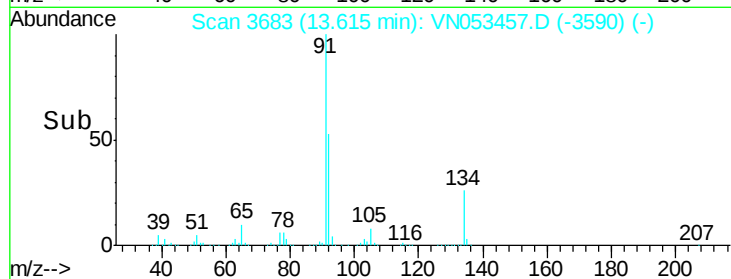
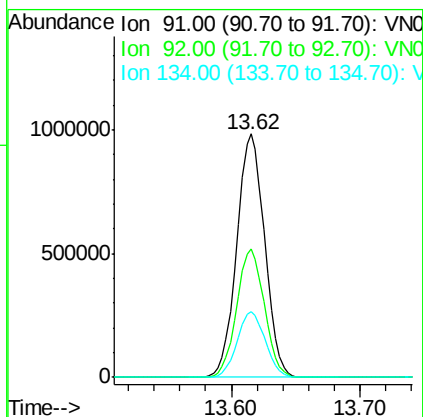
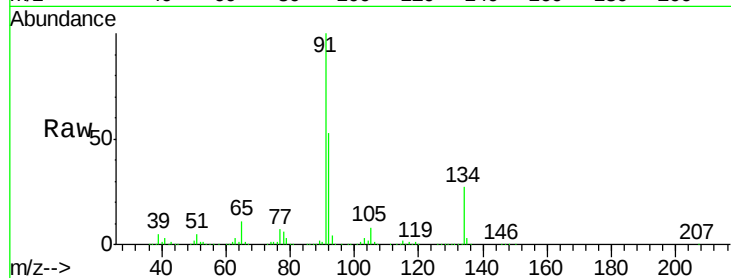
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





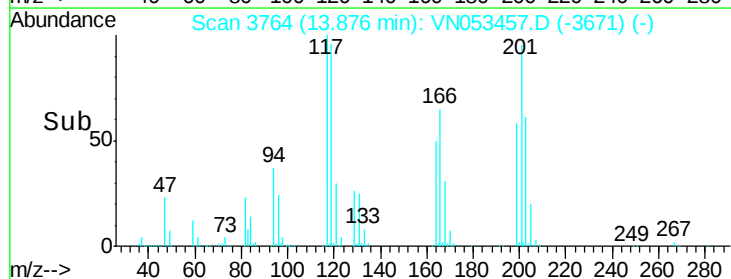
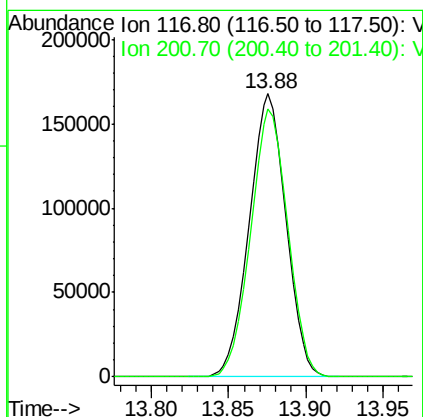
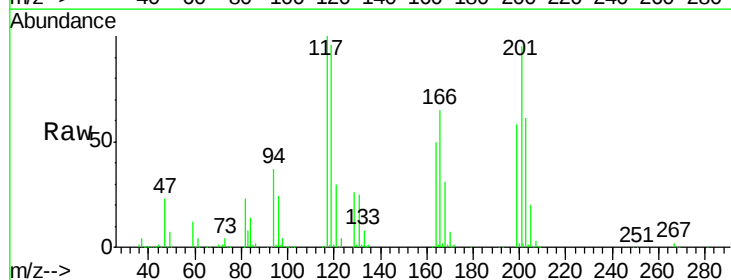
#89
n-Butylbenzene
Concen: 50.065 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

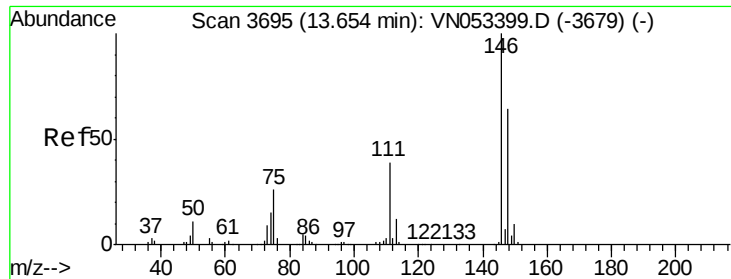
Tot Ion: 91 Resp: 1476100
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 27.1 13.5 40.5



#90
Hexachloroethane
Concen: 51.184 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion: 117 Resp: 277655
Ion Ratio Lower Upper
117 100
201 95.3 46.8 140.4





#91

1,2-Dichlorobenzene

Concen: 53.211 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

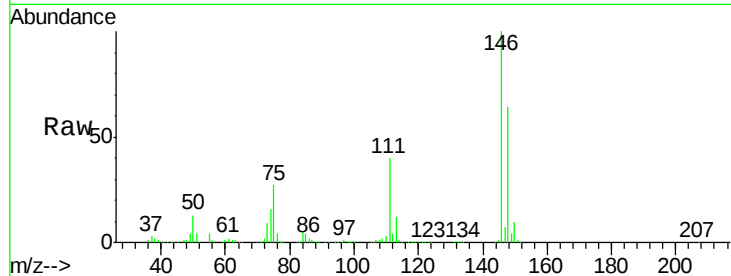
Tot Ion:146 Resp: 917159

Ion Ratio Lower Upper

146 100

111 39.1 19.5 58.5

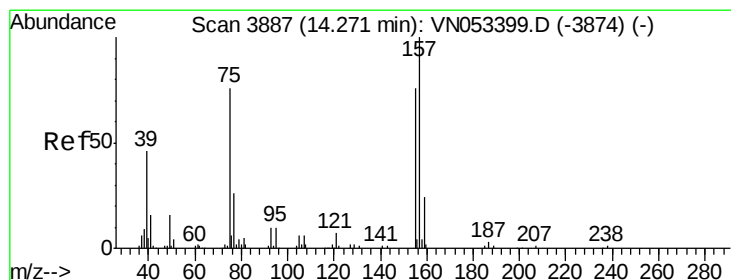
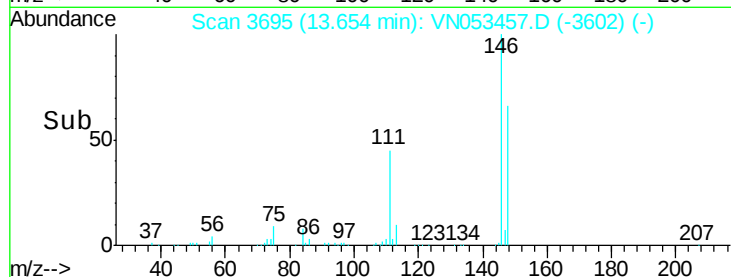
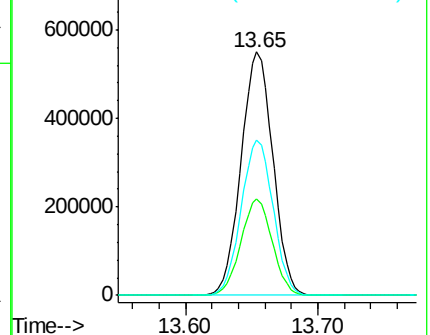
148 64.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 61.534 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

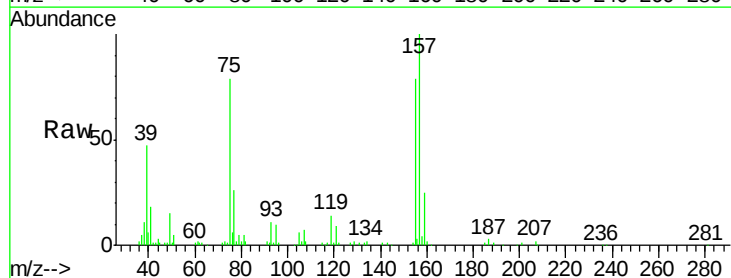
Tgt Ion: 75 Resp: 66142

Ion Ratio Lower Upper

75 100

155 100.8 48.9 146.7

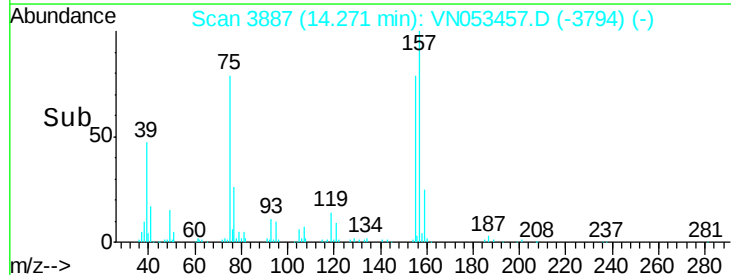
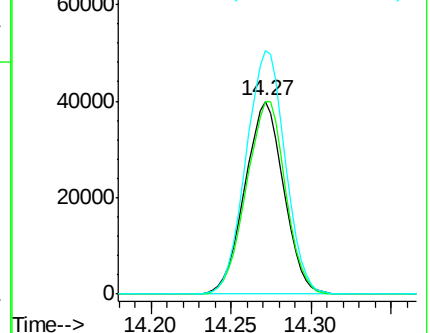
157 127.7 63.7 191.3

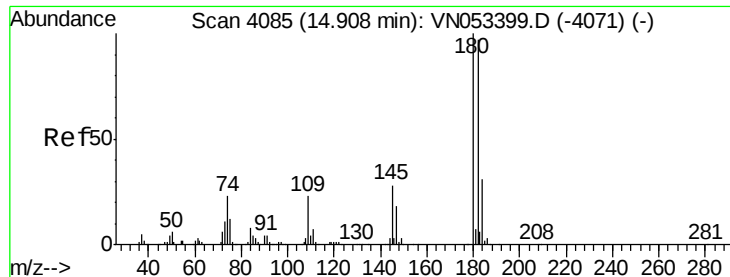


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

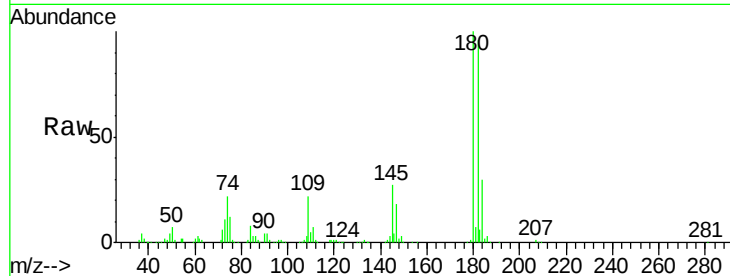
Ion 156.80 (156.50 to 157.50): V



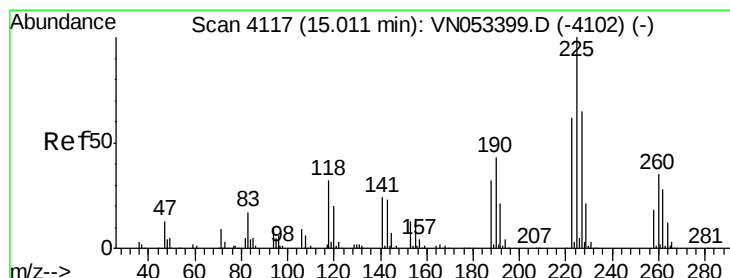
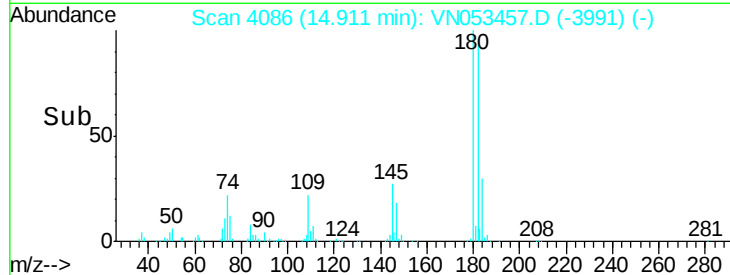
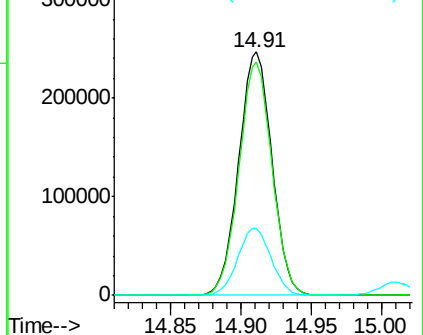


#93
 1,2,4-Trichlorobenzene
 Concen: 53.438 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

Tot Ion:180 Resp: 407933
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.1 144.3
 145 27.7 13.9 41.6

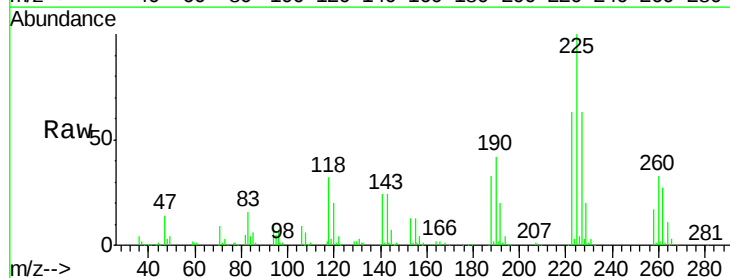


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

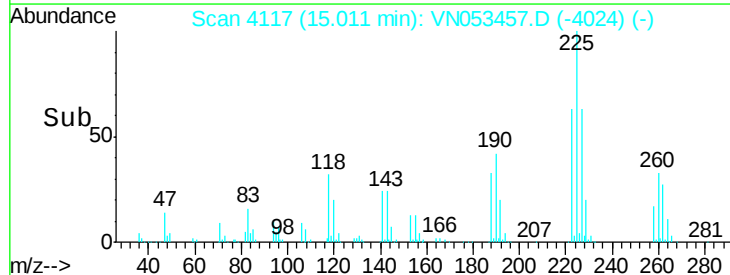
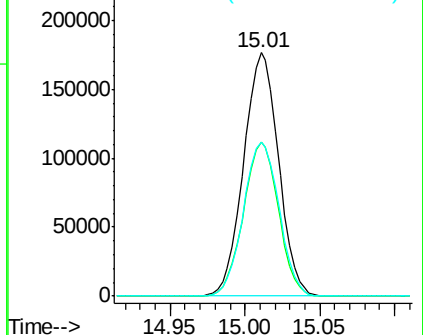


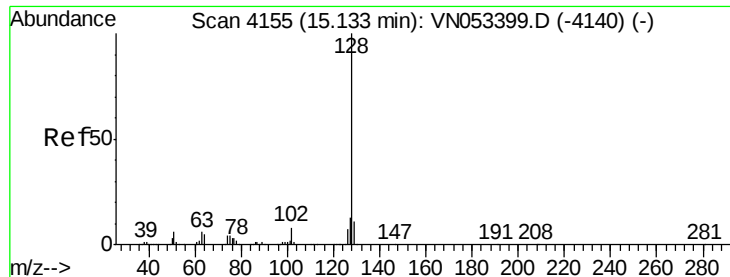
#94
 Hexachlorobutadiene
 Concen: 53.377 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

Tgt Ion:225 Resp: 286999
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.2
 227 64.7 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: 54.870 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

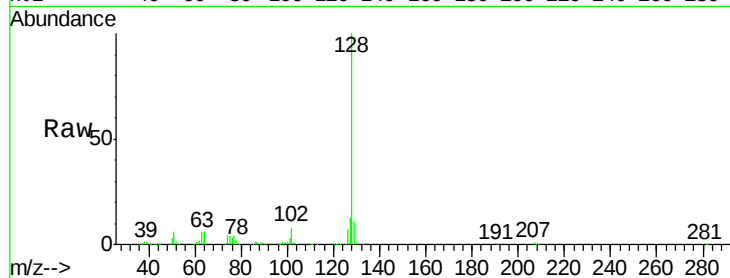
Tot Ion:128 Resp: 737695

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

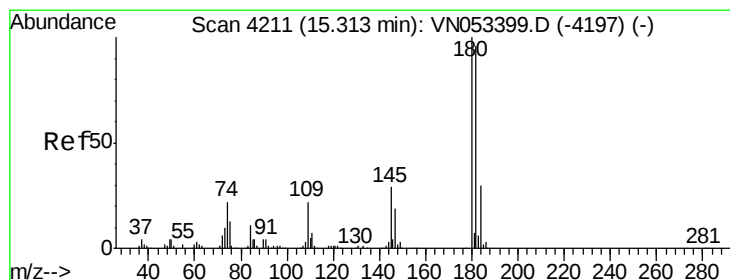
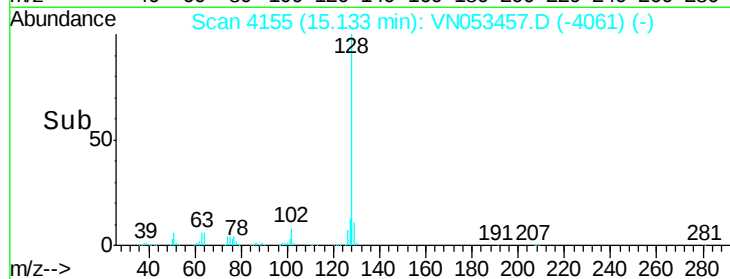
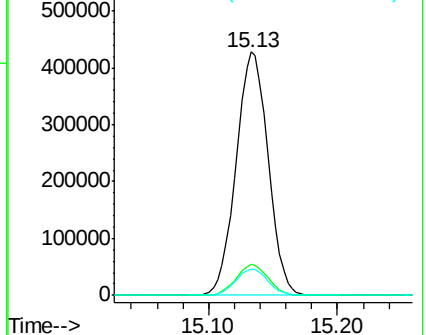
129 10.9 8.6 13.0



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: 54.824 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

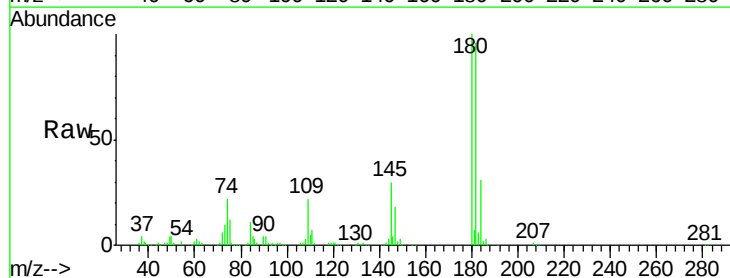
Tgt Ion:180 Resp: 307361

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 29.3 14.7 44.1



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

