

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 02:37:46 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						
33) 1,2-Dichloroethane-d4	8.03	65	413680	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
35) Dibromofluoromethane	7.59	113	360287	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	10.09	98	1496476	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	522355	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds						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	606073	83.324	ug/l #	100
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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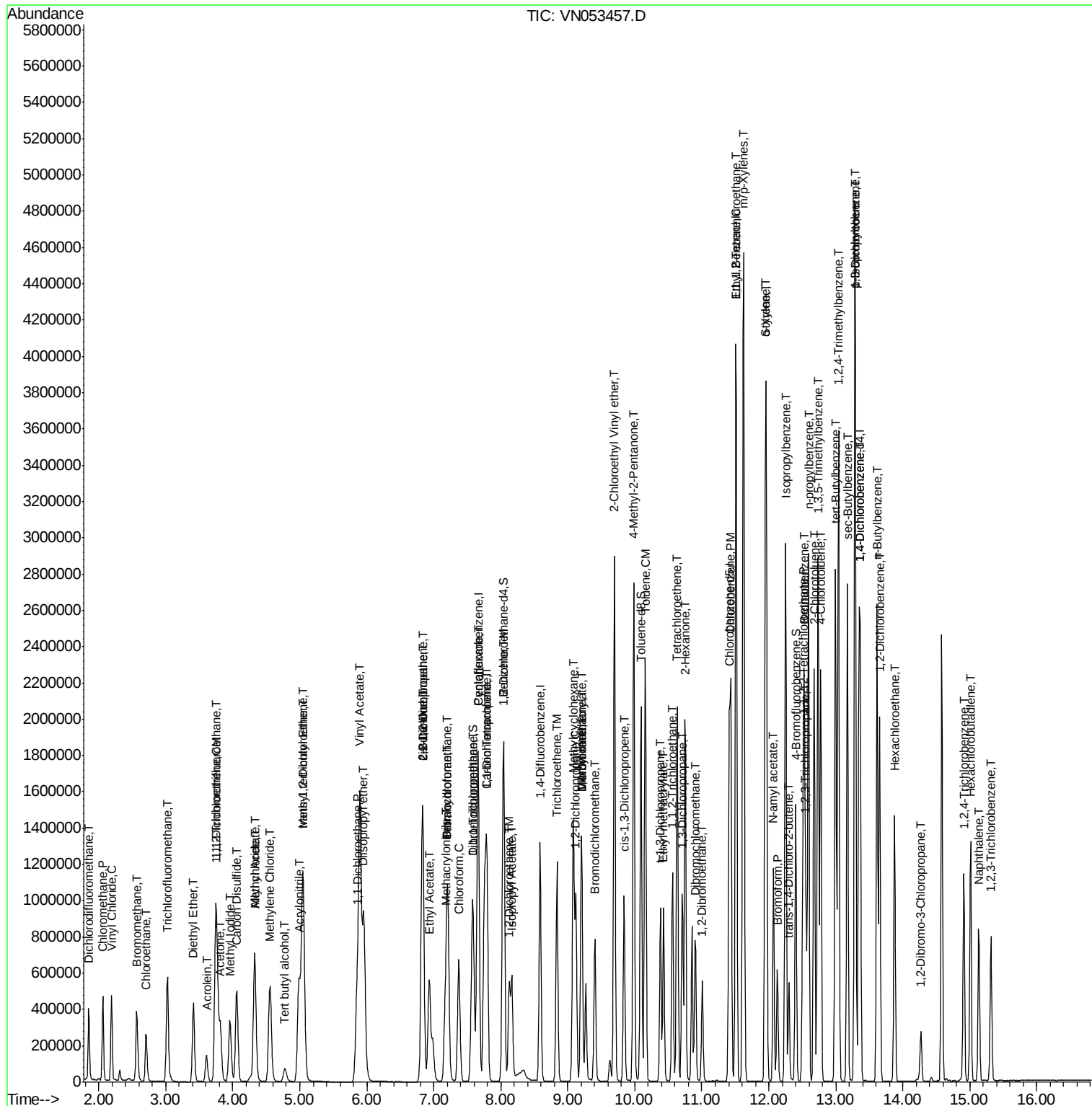
Quant Time: Jan 18 02:37:46 2019
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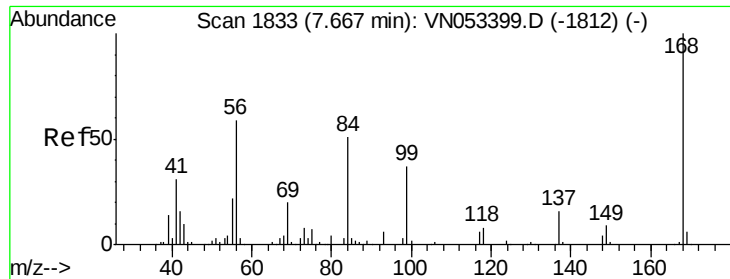
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	407933	53.438	ug/l	99
94) Hexachlorobutadiene	15.01	225	286999	53.377	ug/l	99
95) Naphthalene	15.13	128	737695	54.870	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	307361	54.824	ug/l	100

(#) = 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

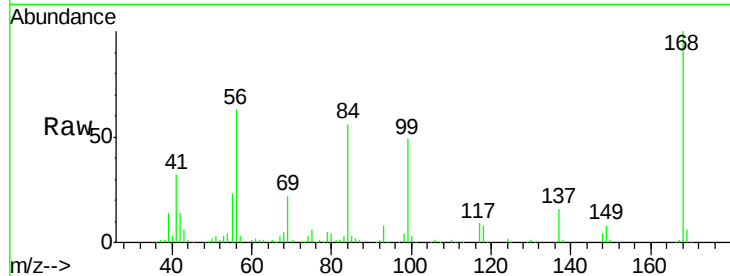
Acq: 18 Jan 2019 1:21

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

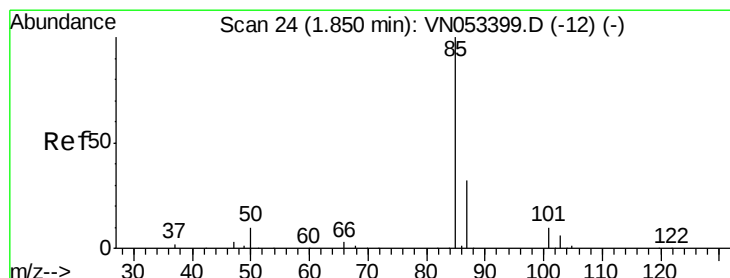
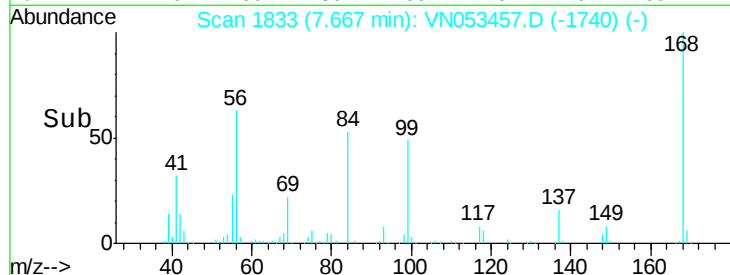
200000

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

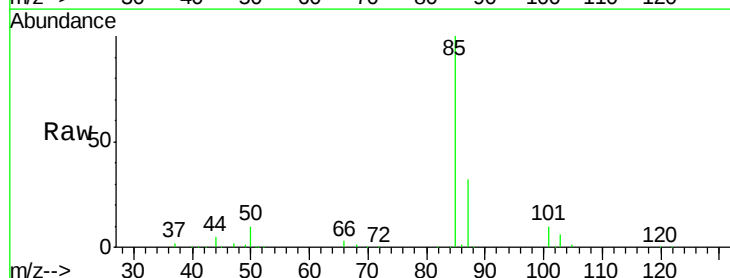
Acq: 18 Jan 2019 1:21

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

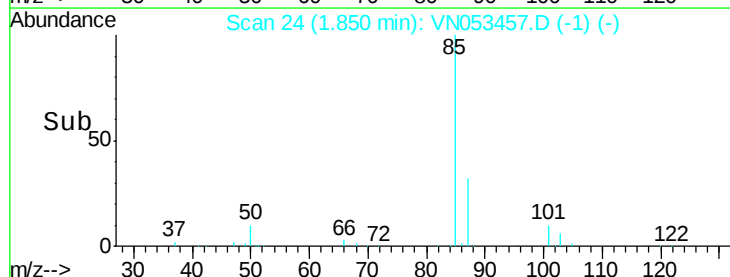
100000

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

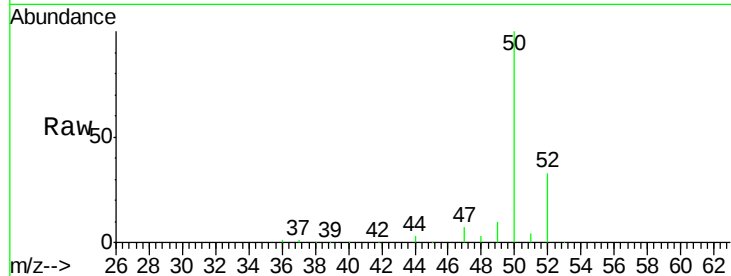
Acq: 18 Jan 2019 1:21

Tot Ion: 50 Resp: 439273

Ion Ratio Lower Upper

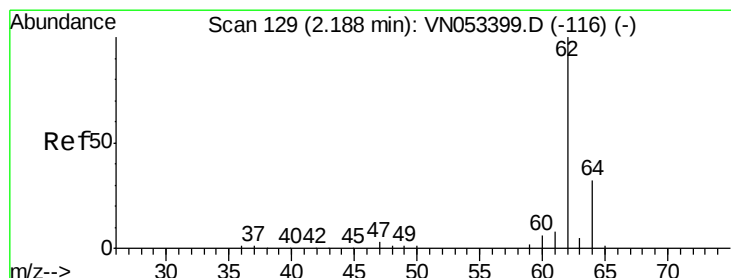
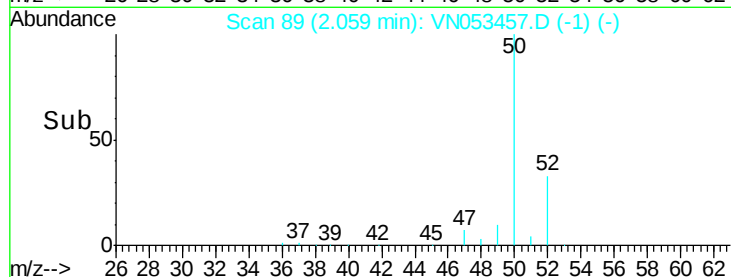
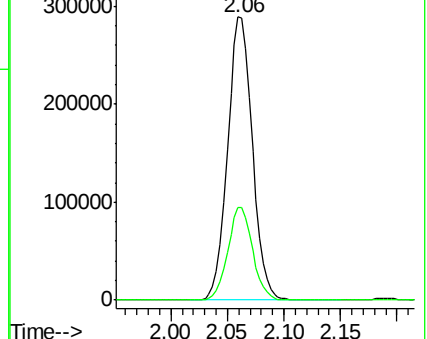
50 100

52 32.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 49.480 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053457.D

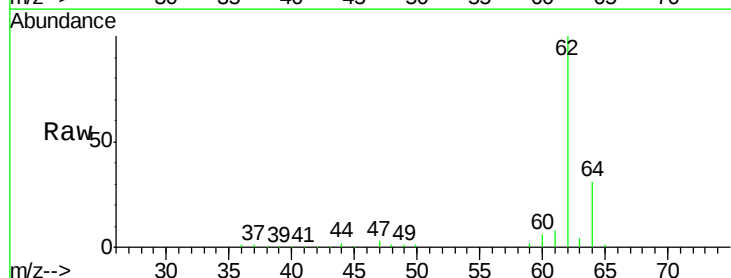
Acq: 18 Jan 2019 1:21

Tgt Ion: 62 Resp: 432137

Ion Ratio Lower Upper

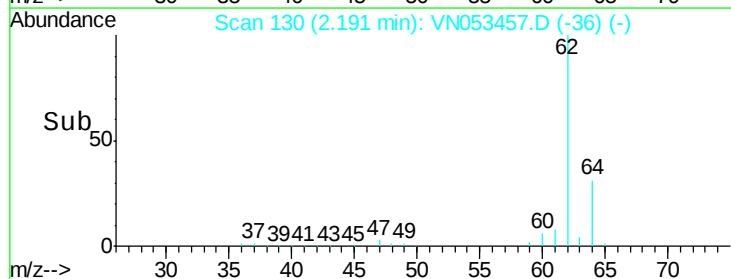
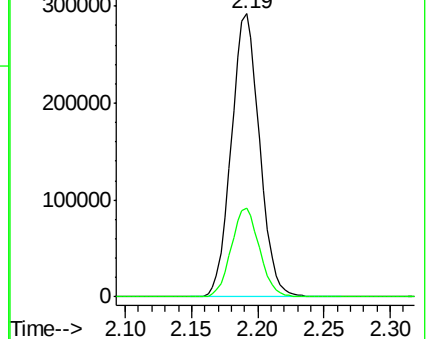
62 100

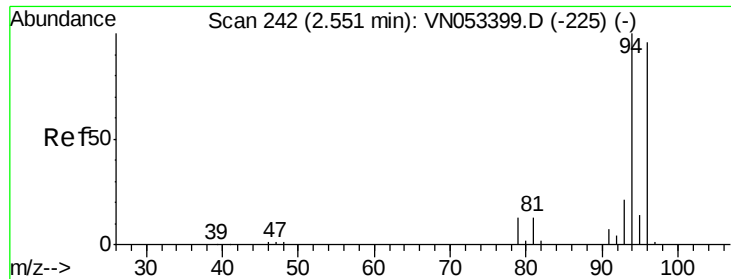
64 31.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

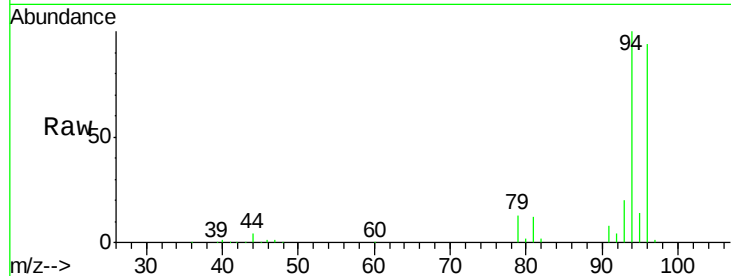
Ion 63.90 (63.60 to 64.60): VNC



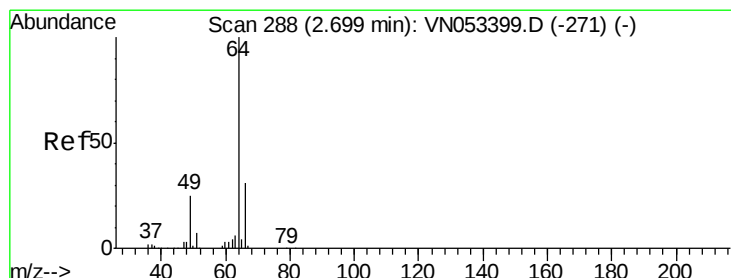
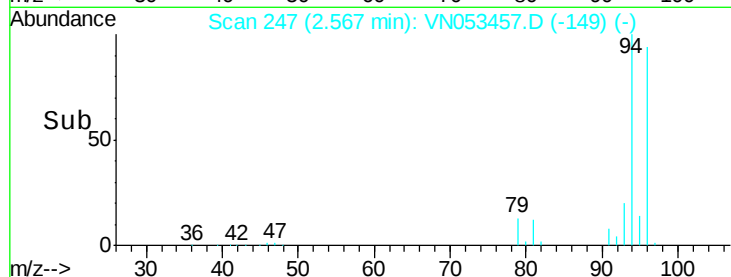
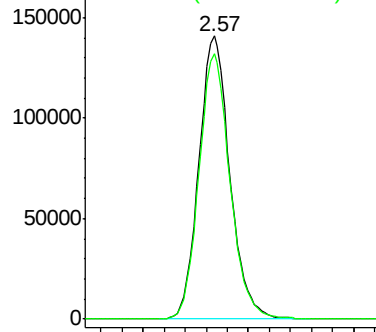


#5
Bromomethane
Concen: 47.694 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.02 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tot Ion: 94 Resp: 285810
Ion Ratio Lower Upper
94 100
96 93.7 76.8 115.2

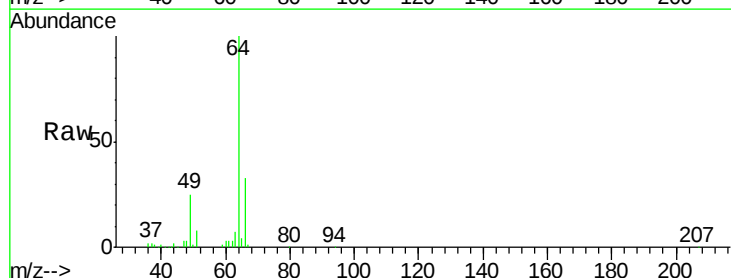


Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO

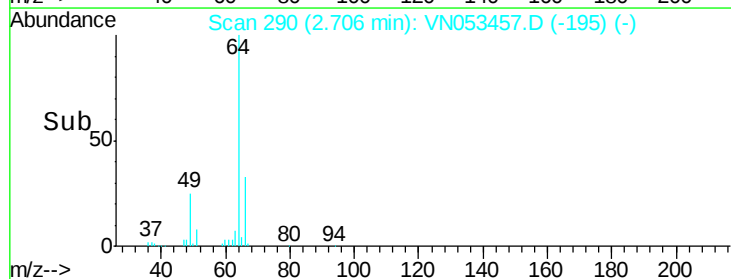
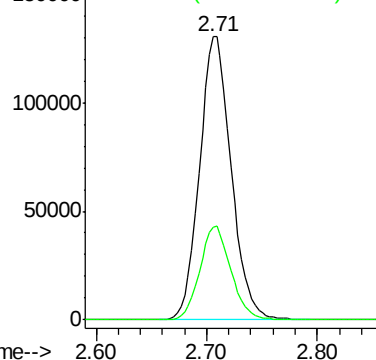


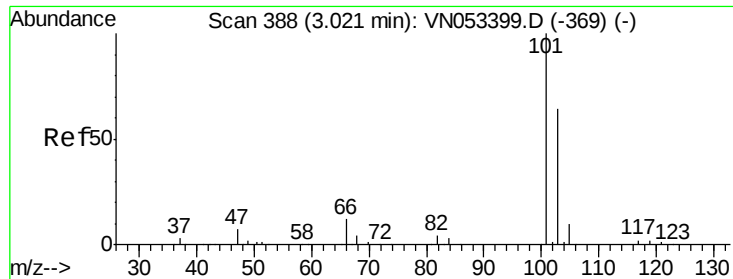
#6
Chloroethane
Concen: 48.999 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.01 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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): VNO
Ion 65.90 (65.60 to 66.60): VNO

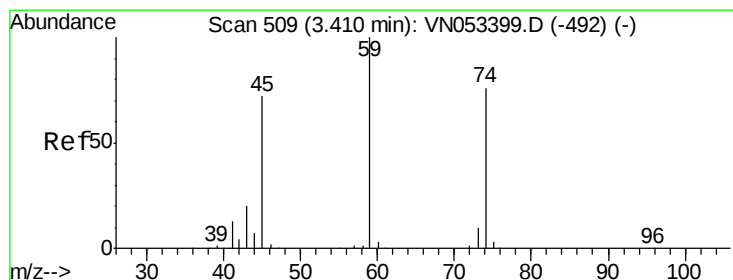
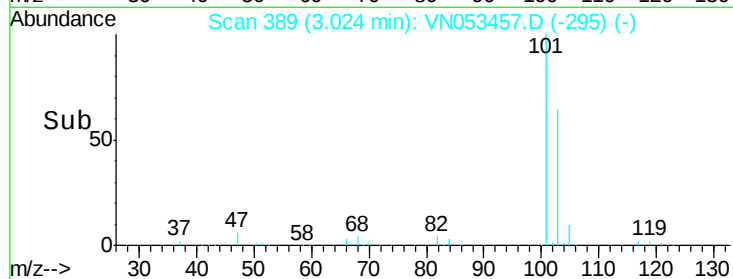
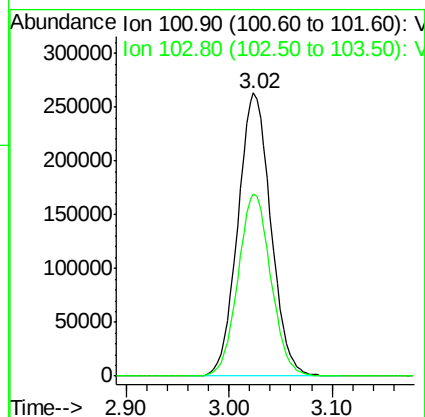
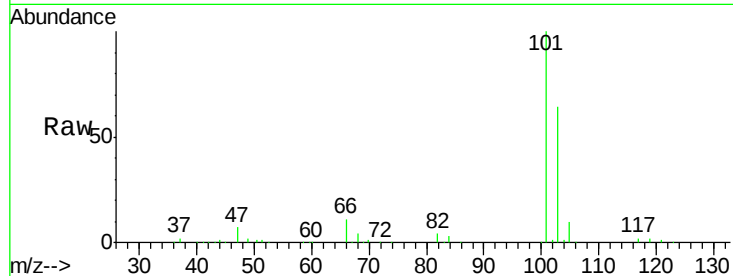




#7

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

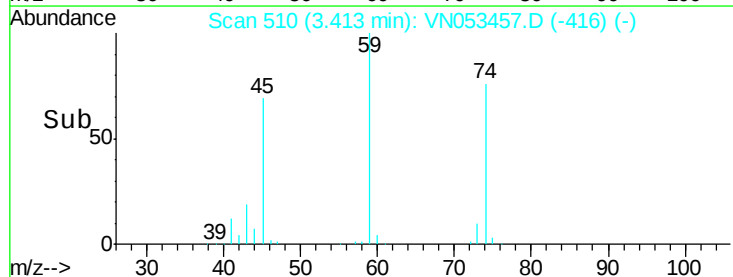
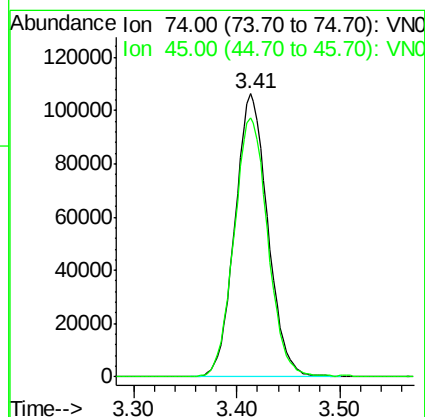
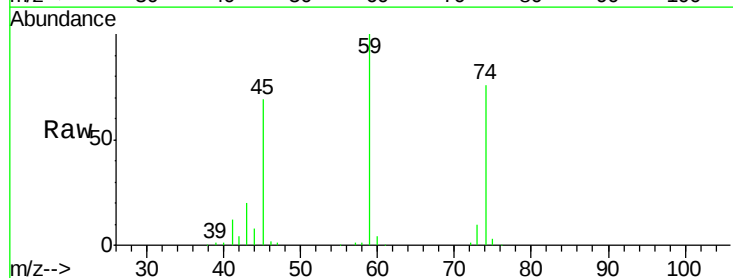
Tot Ion:101 Resp: 584559
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4

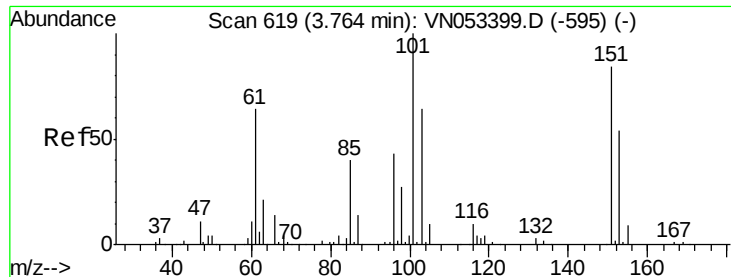


#8

Diethyl Ether
 Concen: 54.939 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053457.D
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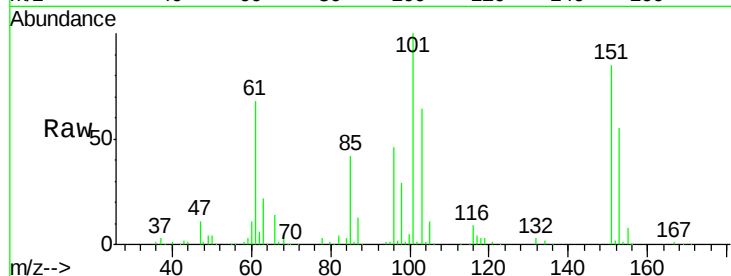
Tgt Ion: 74 Resp: 235716
 Ion Ratio Lower Upper
 74 100
 45 94.0 47.9 143.7



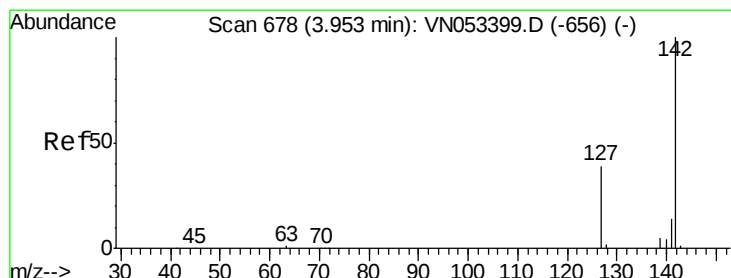
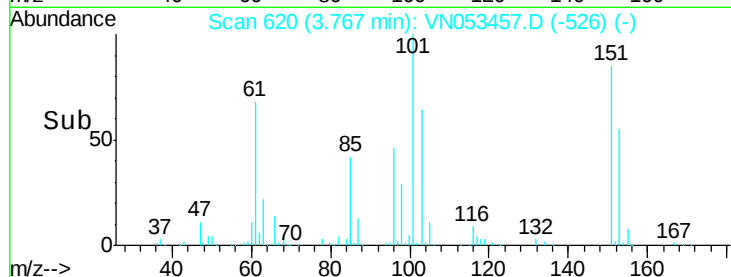
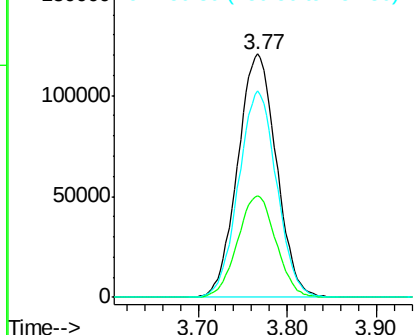


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.259 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

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

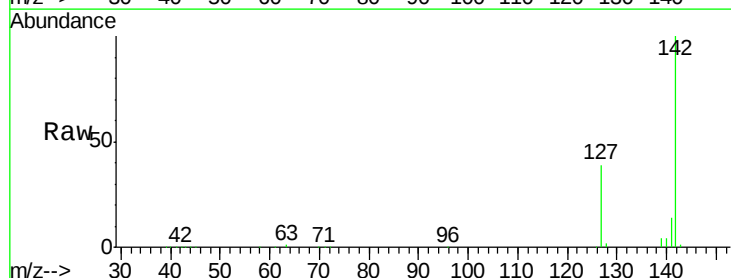


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

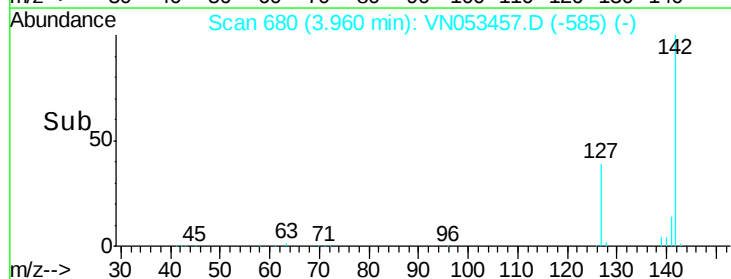
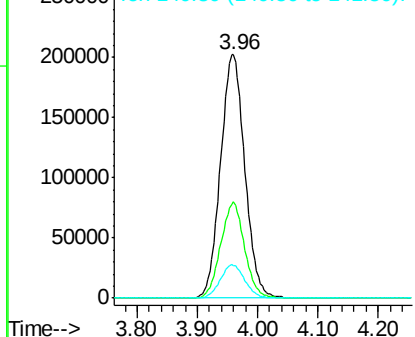


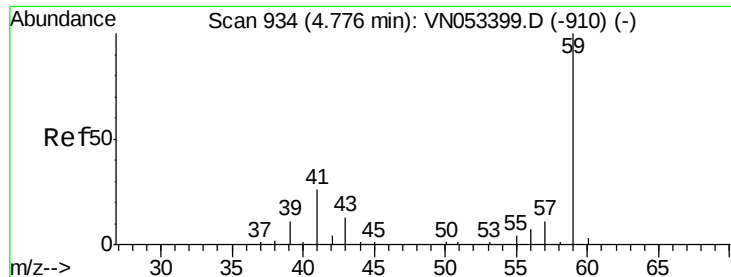
#10
 Methyl Iodide
 Concen: 51.006 ug/l
 RT: 3.96 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

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

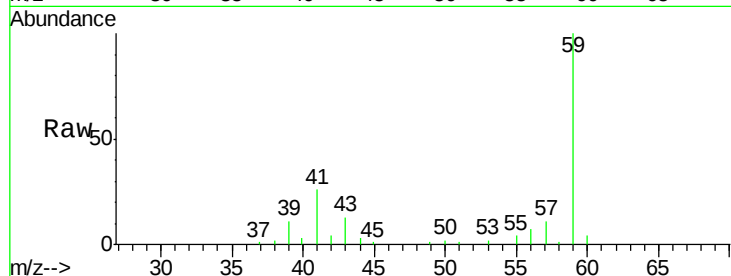
Acq: 18 Jan 2019 1:21

Tot Ion: 59 Resp: 134051

Ion Ratio Lower Upper

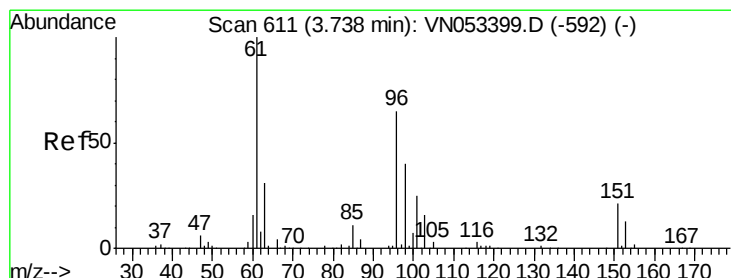
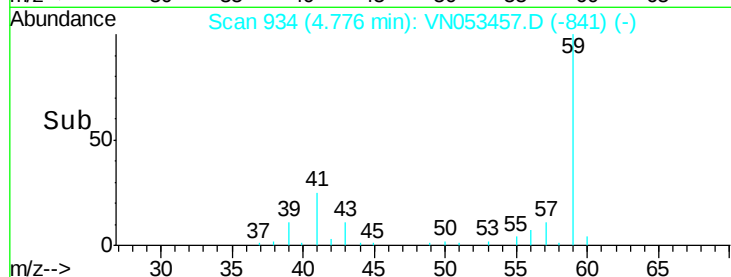
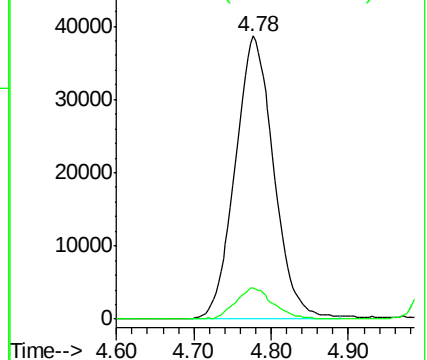
59 100

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

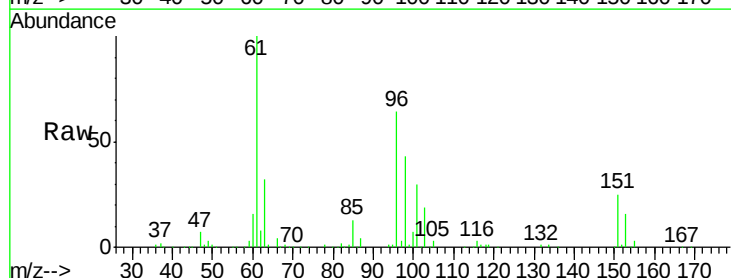
Tgt Ion: 96 Resp: 355713

Ion Ratio Lower Upper

96 100

61 155.4 122.9 184.3

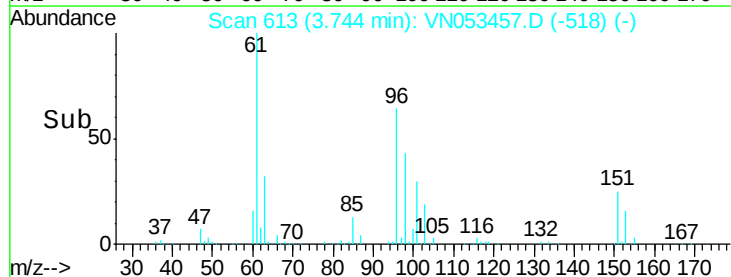
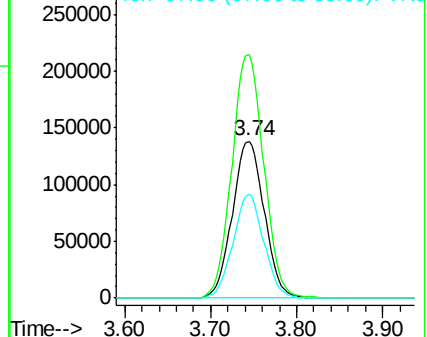
98 66.1 49.4 74.0

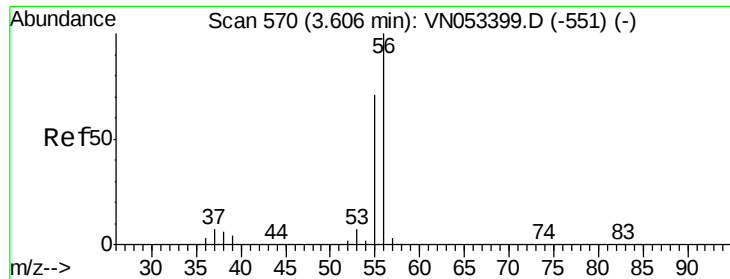


Abundance Ion 95.90 (95.60 to 96.60): VN0

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

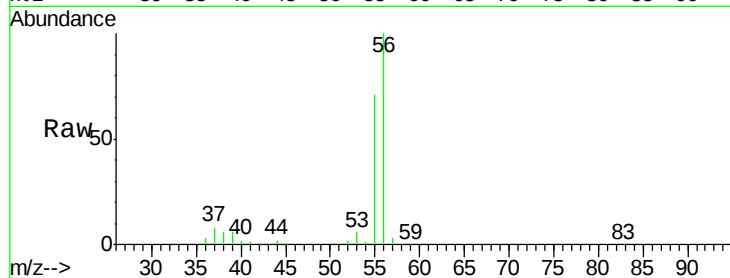
Acq: 18 Jan 2019 1:21

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

3.61

80000

60000

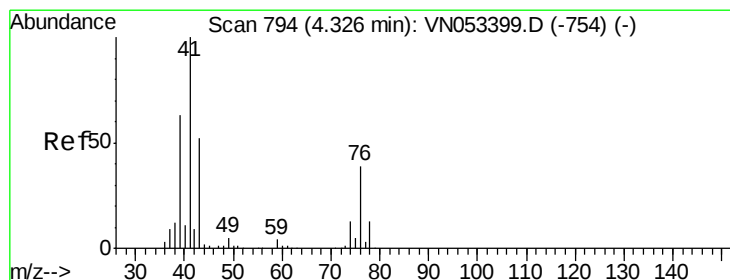
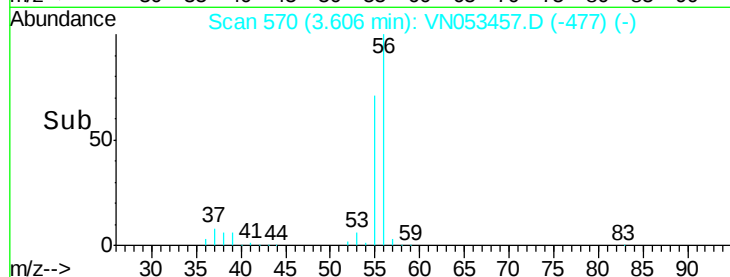
40000

20000

0

Time-->

3.50 3.60 3.70



#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

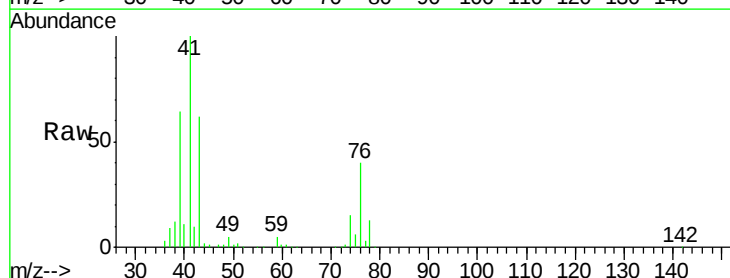
Tgt Ion: 41 Resp: 584039

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

4.33

250000

200000

150000

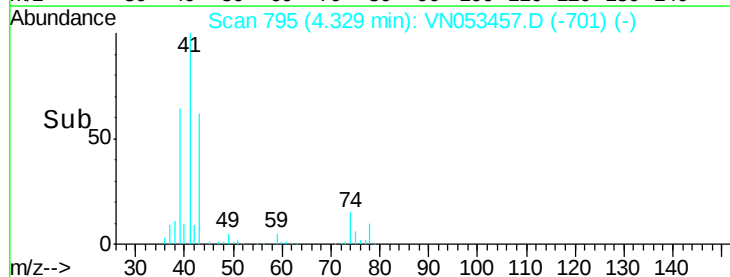
100000

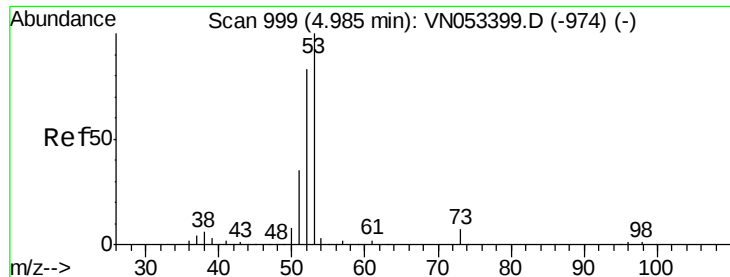
50000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#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

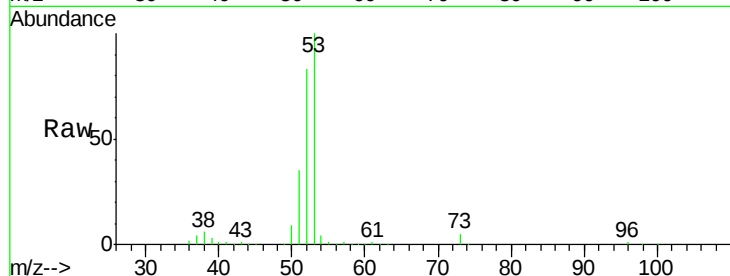
Tot Ion: 53 Resp: 731146

Ion Ratio Lower Upper

53 100

52 82.3 66.0 99.0

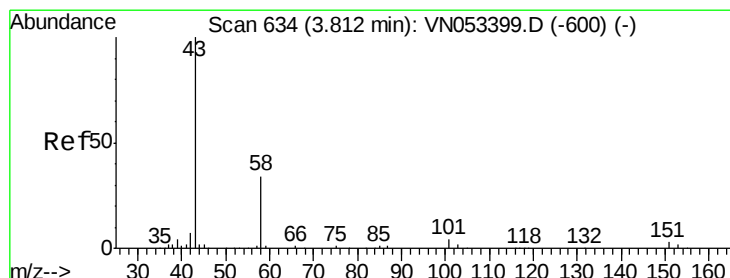
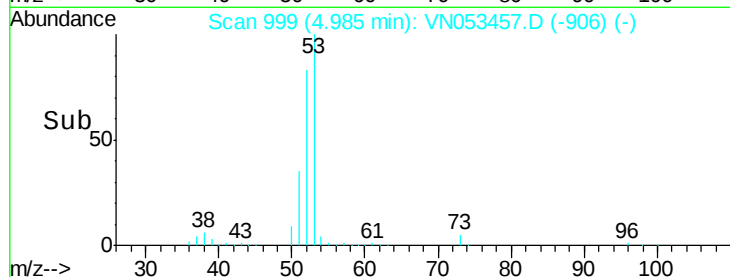
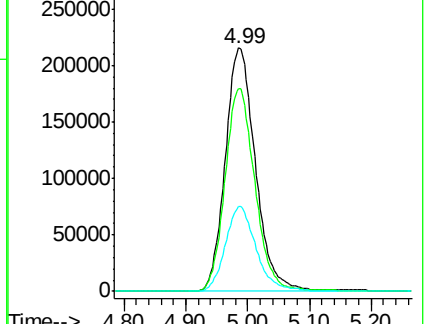
51 35.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN053399.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN053399.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN053399.D (-974) (-)



#16

Acetone

Concen: 261.382 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053457.D

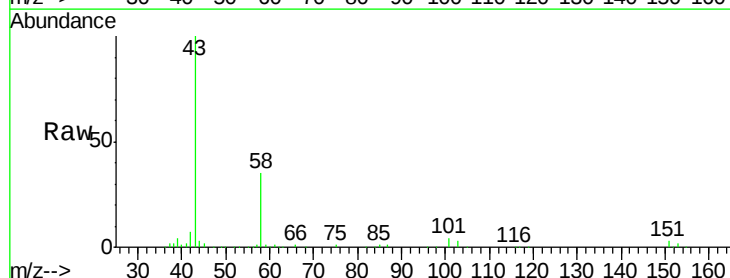
Acq: 18 Jan 2019 1:21

Tgt Ion: 43 Resp: 477743

Ion Ratio Lower Upper

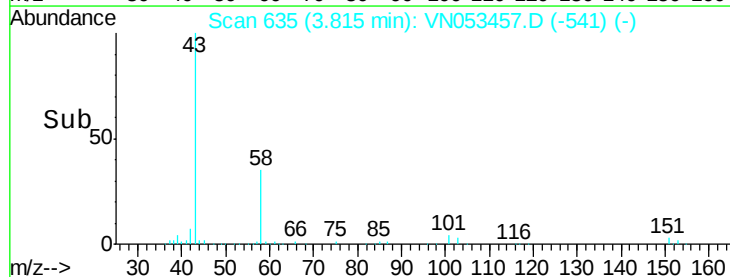
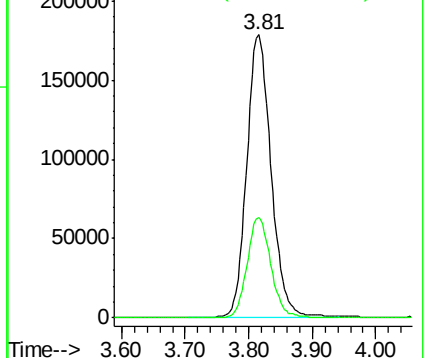
43 100

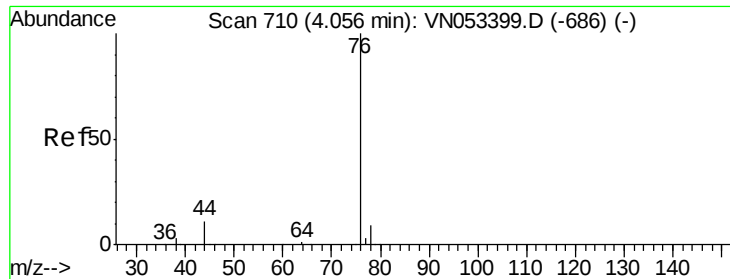
58 35.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

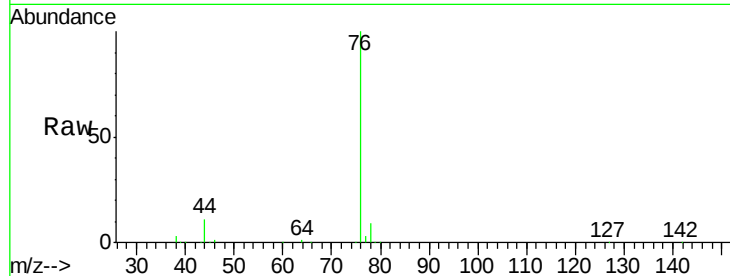
Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)



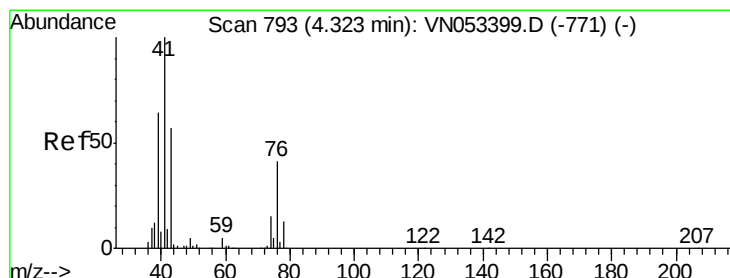
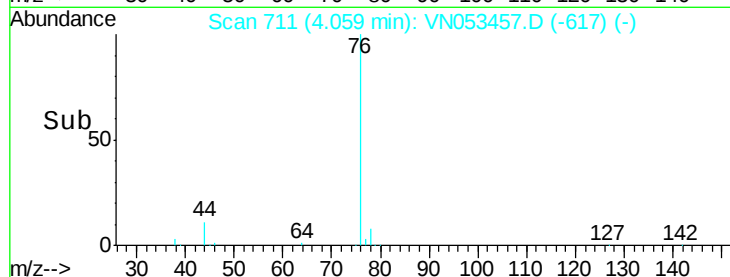
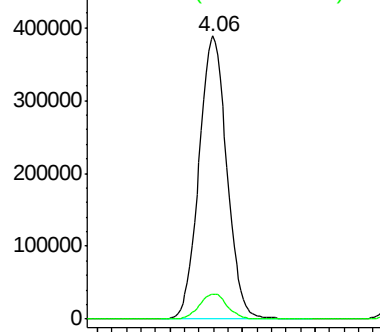


#17
Carbon Disulfide
Concen: 48.895 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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

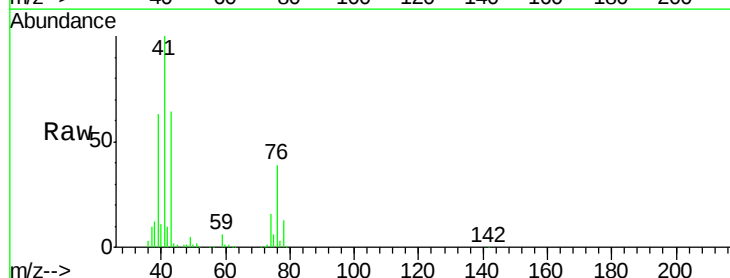


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

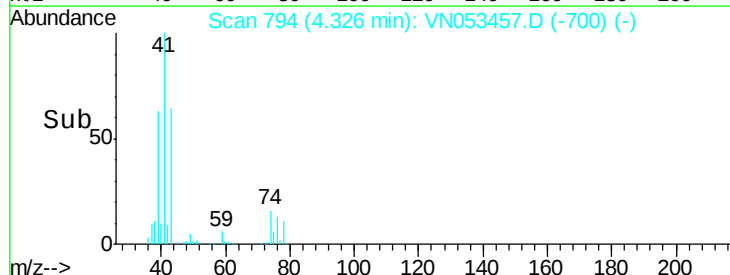
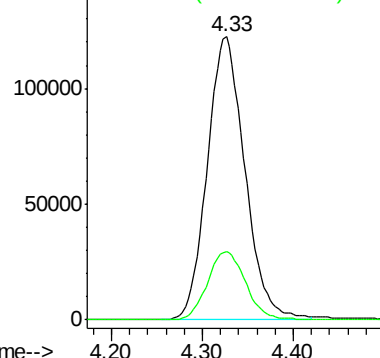


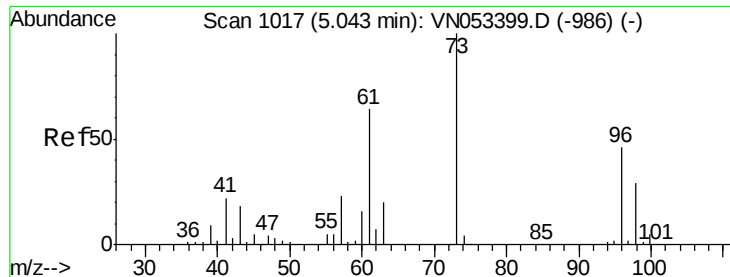
#18
Methyl Acetate
Concen: 56.820 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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

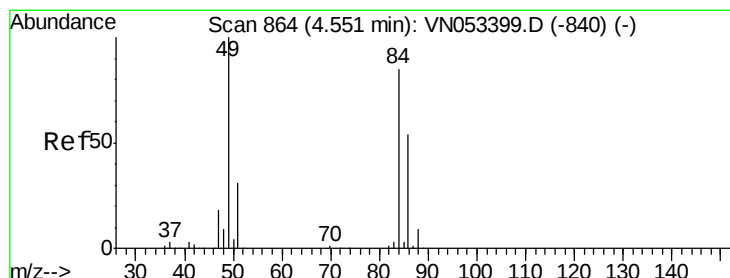
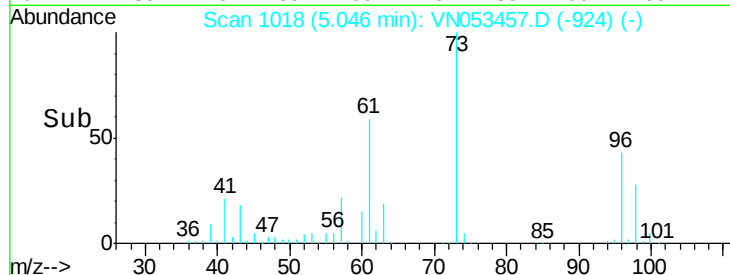
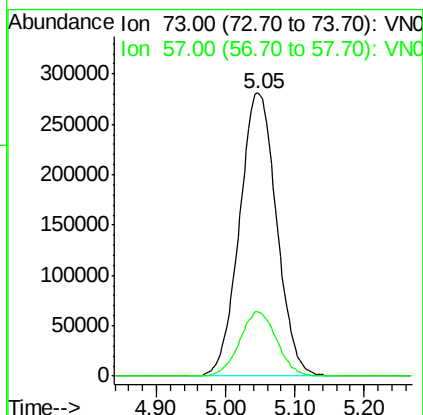
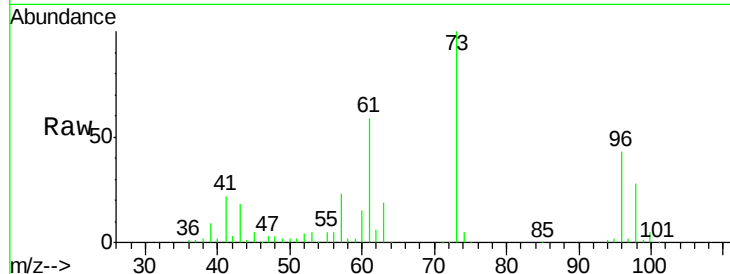




#19

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

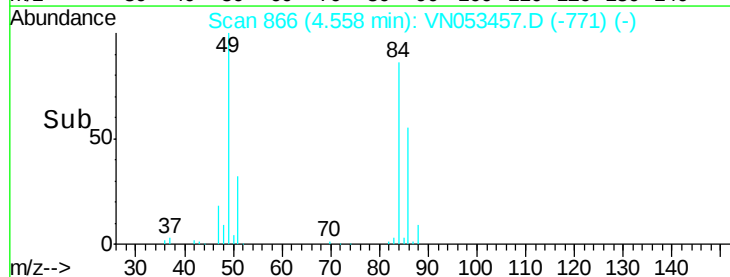
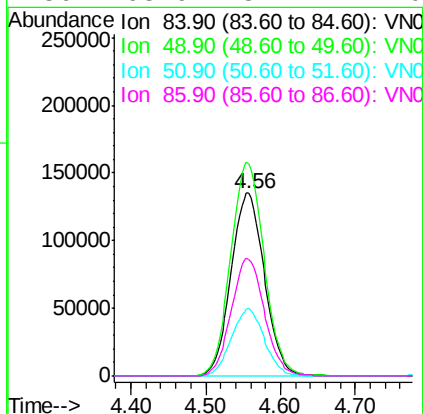
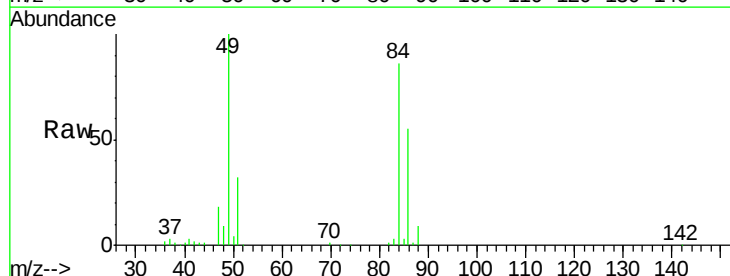
Tot Ion: 73 Resp: 1045604
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.3 27.5

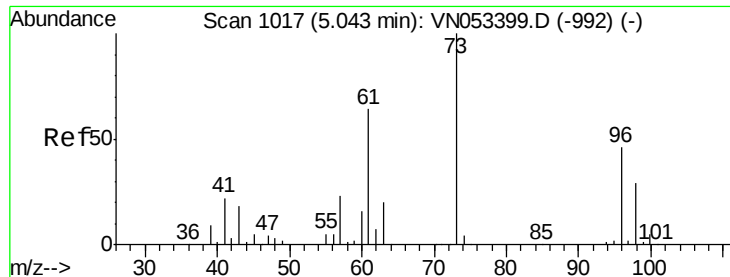


#20

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

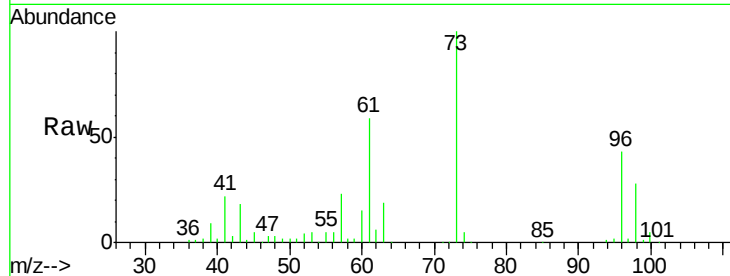




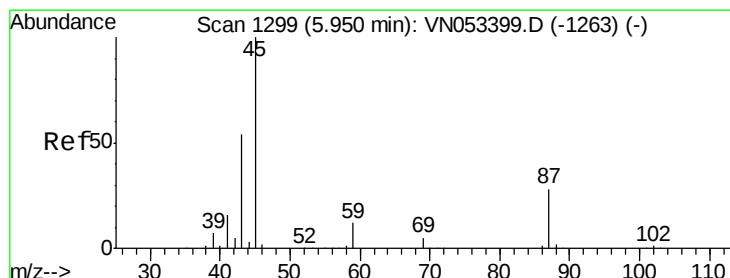
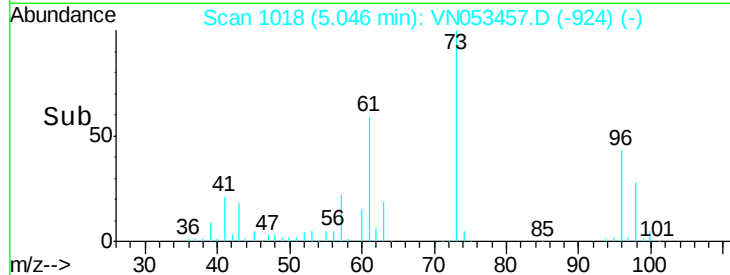
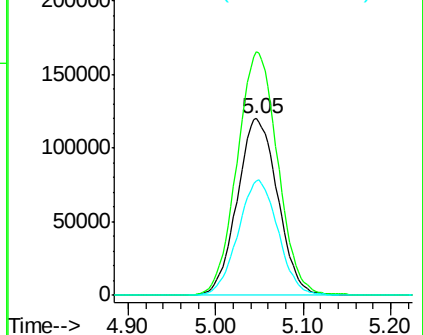
#21

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



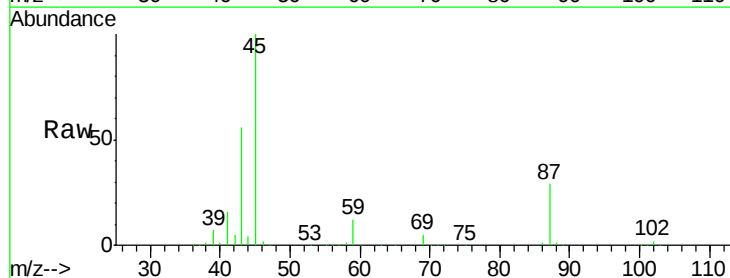
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



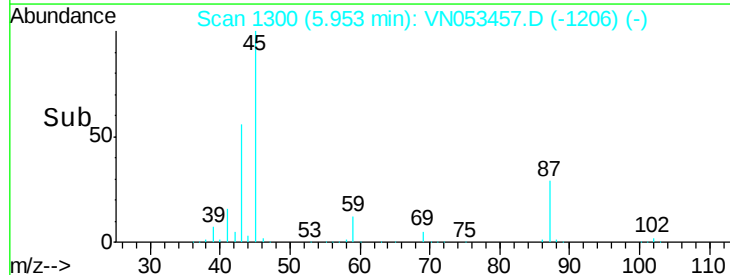
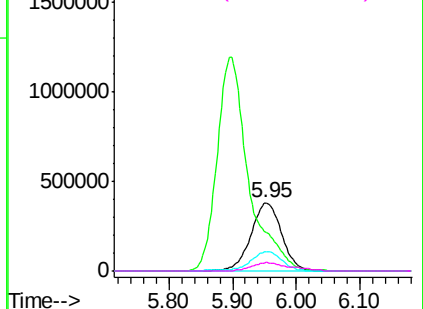
#22

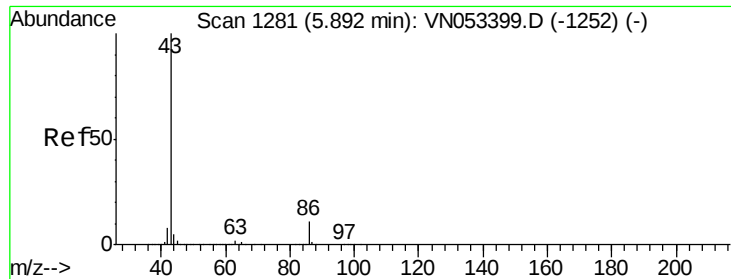
Diisopropyl ether
Concen: 53.581 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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



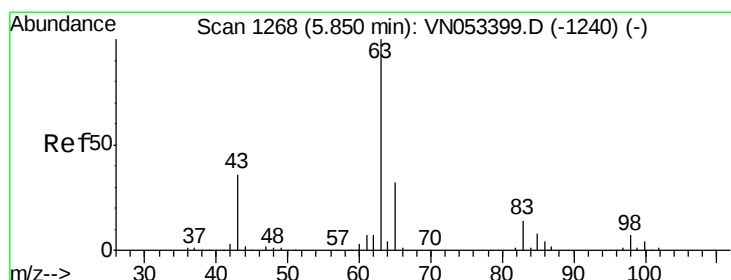
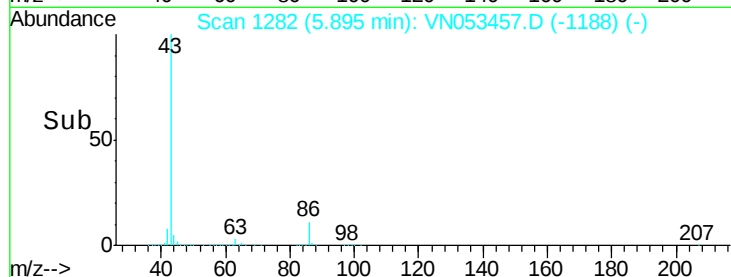
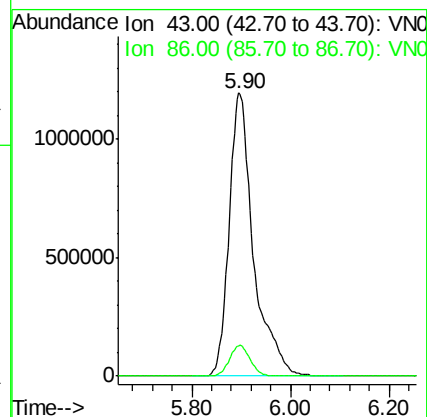
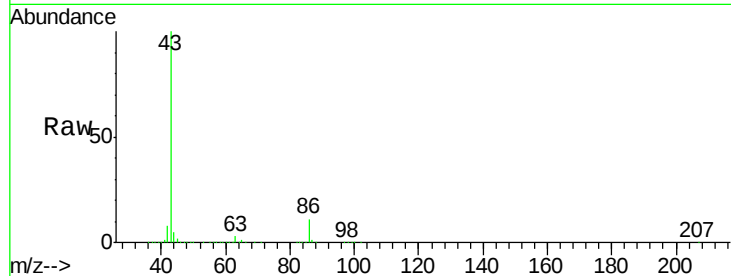
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





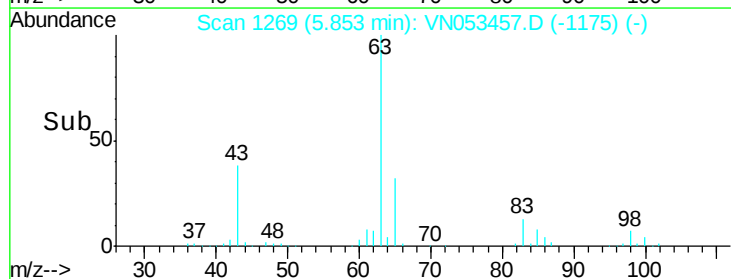
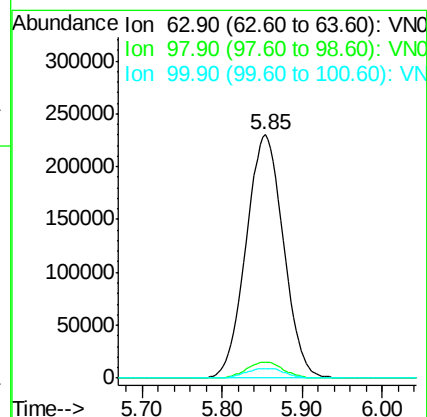
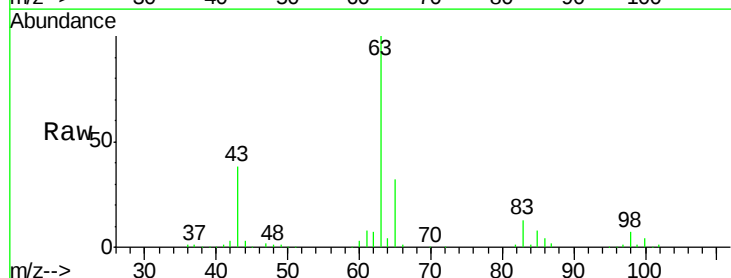
#23
 Vinyl Acetate
 Concen: 281.044 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

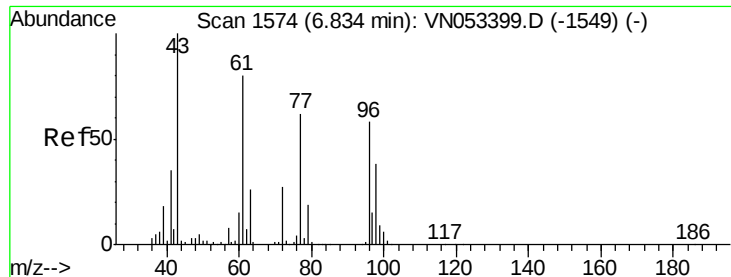
Tot Ion: 43 Resp: 4110851
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6



#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

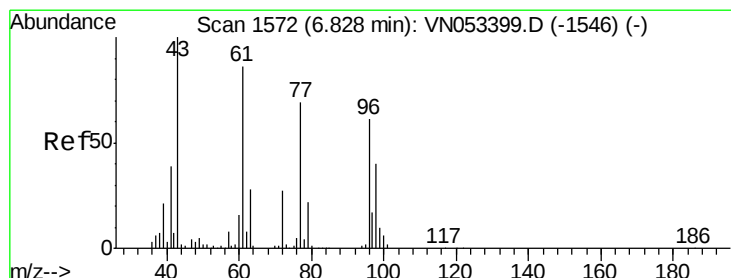
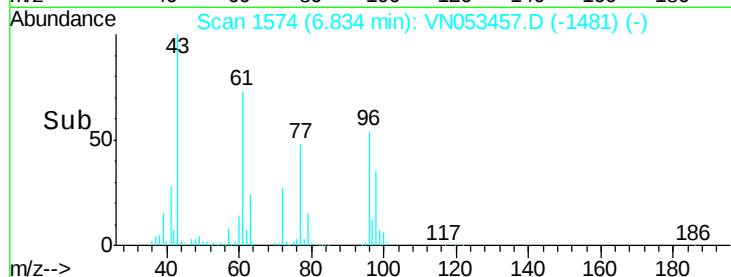
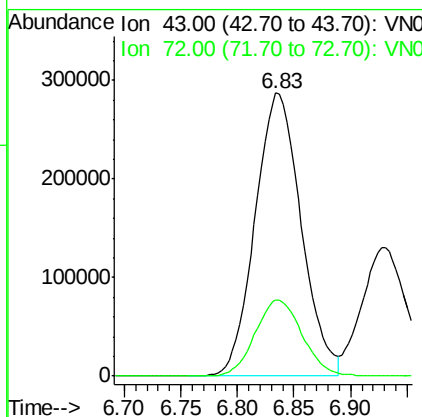
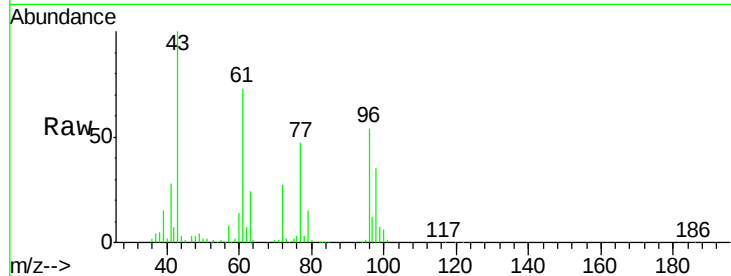
Tgt Ion: 63 Resp: 732656
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.1 2.1 6.5





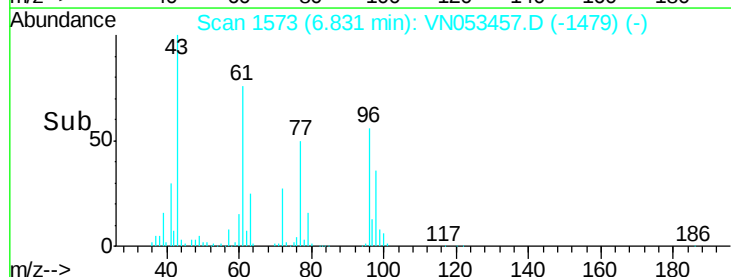
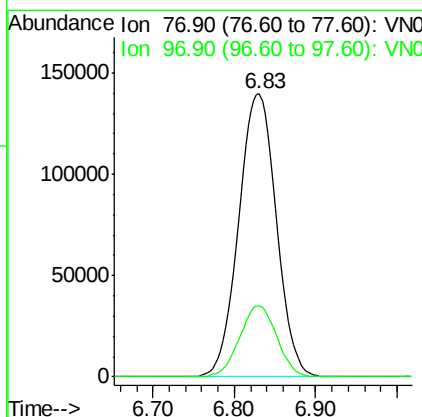
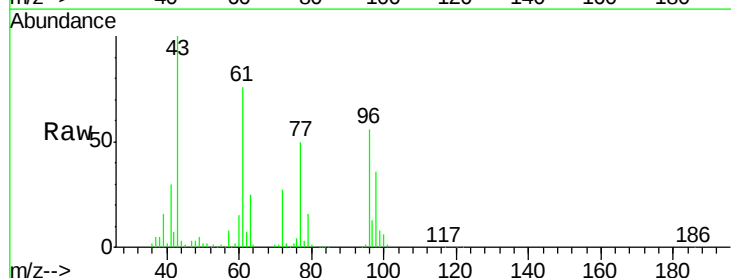
#25
 2-Butanone
 Concen: 287.937 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

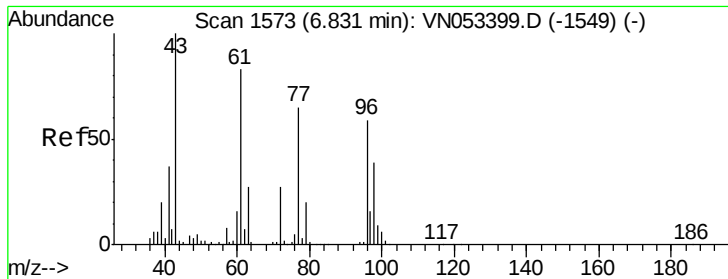
Tot Ion: 43 Resp: 811003
 Ion Ratio Lower Upper
 43 100
 72 26.9 22.0 33.0



#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

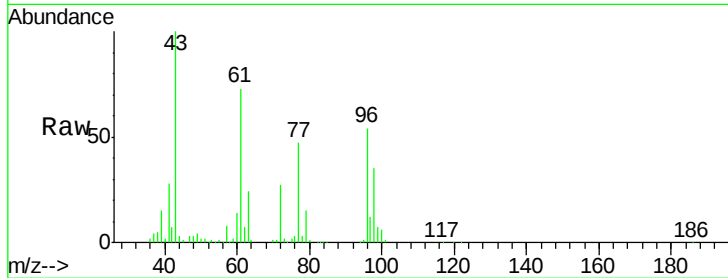
Tot Ion: 96 Resp: 453704

Ion Ratio Lower Upper

96 100

61 136.4 0.0 283.8

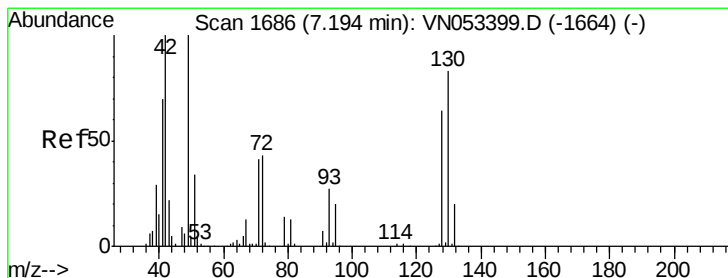
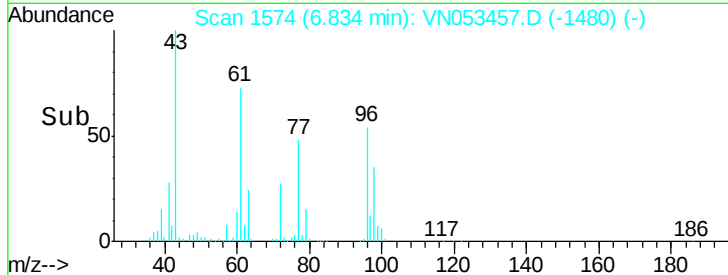
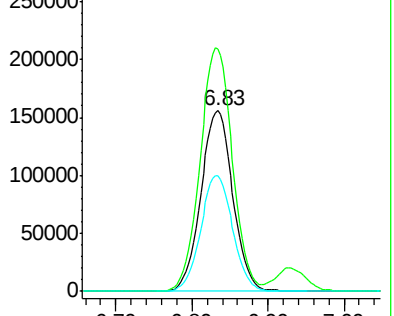
98 64.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053399.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN053399.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN053399.D (-1549) (-)



#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

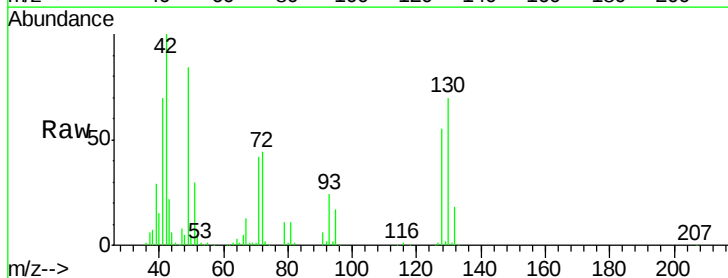
Tgt Ion: 49 Resp: 325670

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

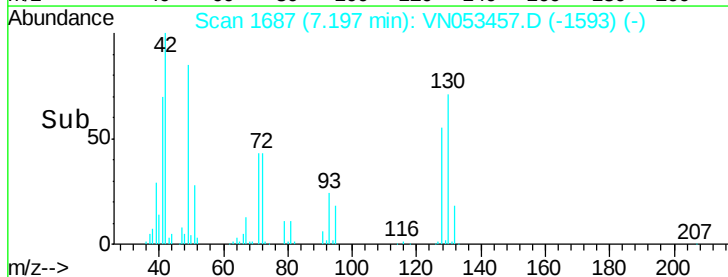
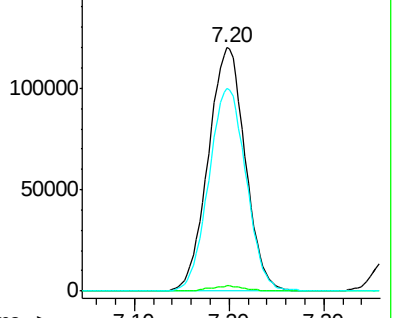
130 84.3 66.3 99.5

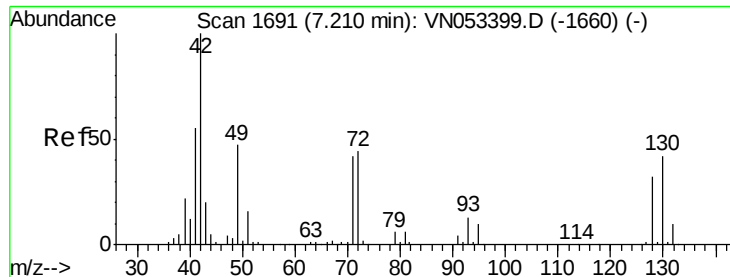


Abundance Ion 48.90 (48.60 to 49.60): VN053399.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053399.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053399.D (-1664) (-)





#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

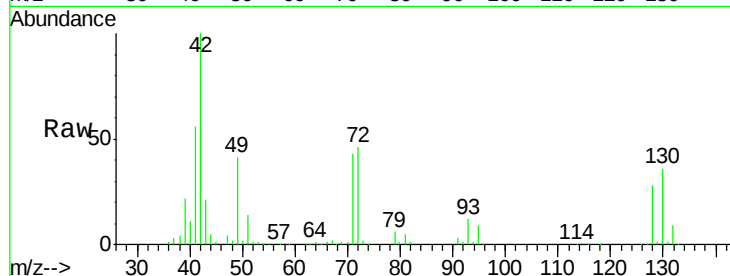
Tot Ion: 42 Resp: 547401

Ion Ratio Lower Upper

42 100

72 45.0 35.2 52.8

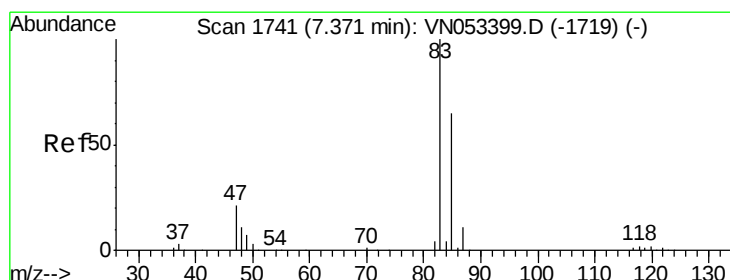
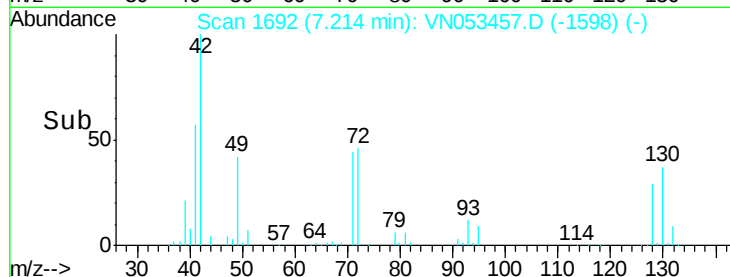
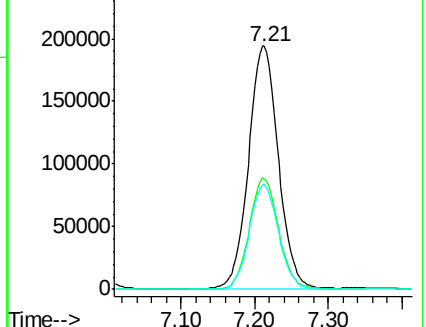
71 42.1 33.0 49.4



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

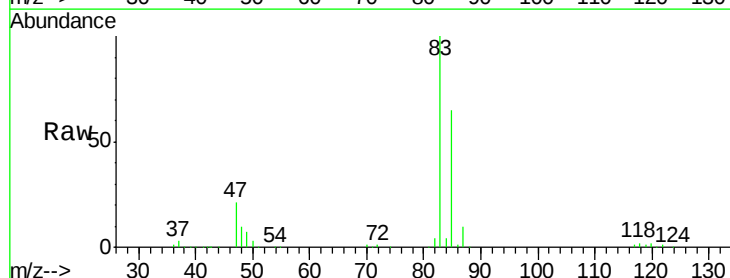
Acq: 18 Jan 2019 1:21

Tgt Ion: 83 Resp: 724661

Ion Ratio Lower Upper

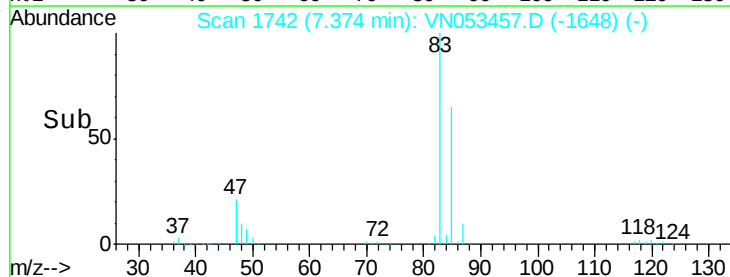
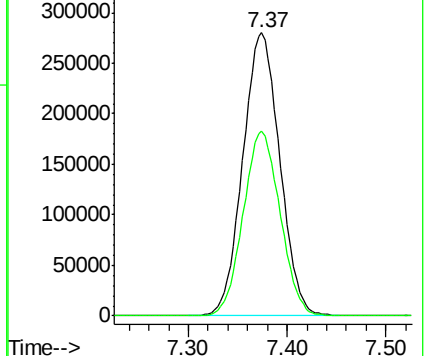
83 100

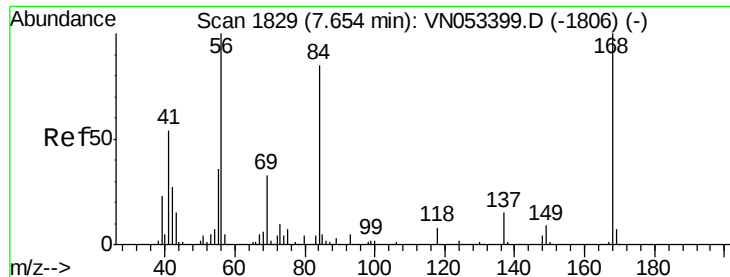
85 65.2 52.2 78.2



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

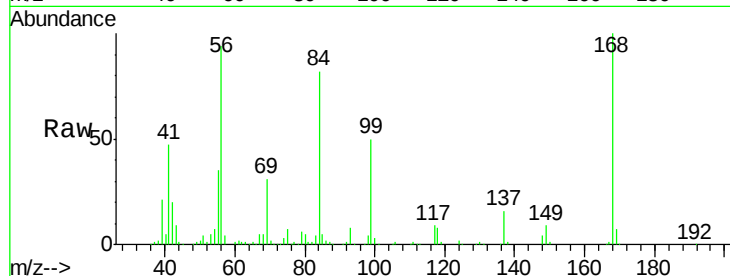
Tot Ion: 56 Resp: 662632

Ion Ratio Lower Upper

56 100

69 32.6 26.4 39.6

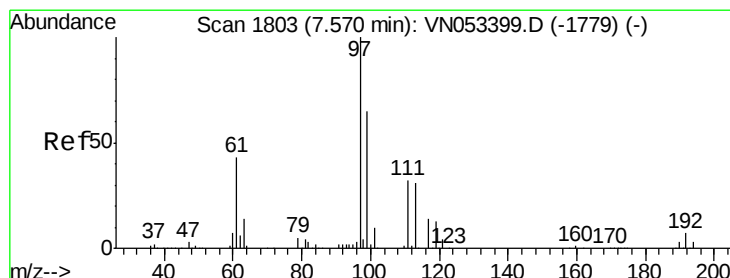
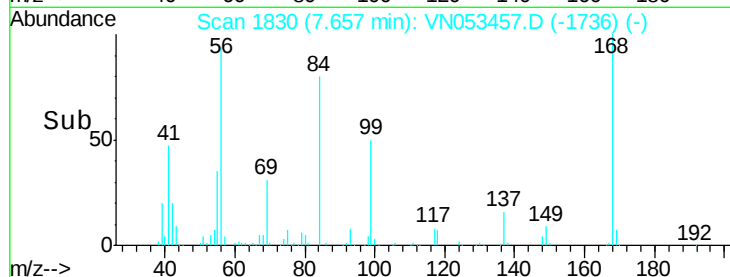
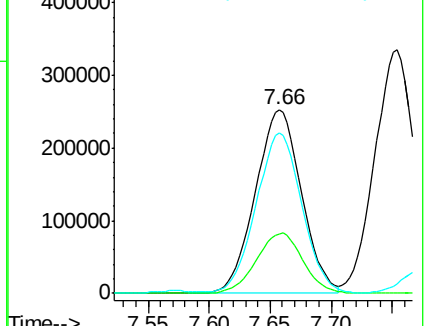
84 86.3 67.9 101.9



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

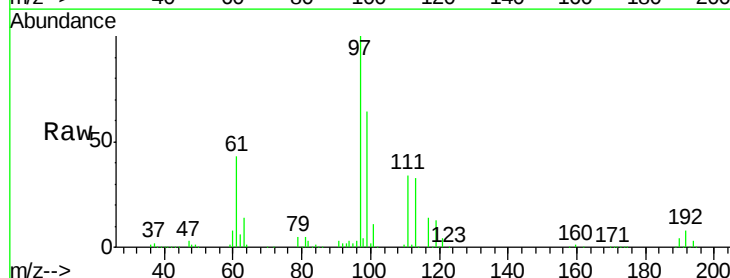
Tgt Ion: 97 Resp: 611939

Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

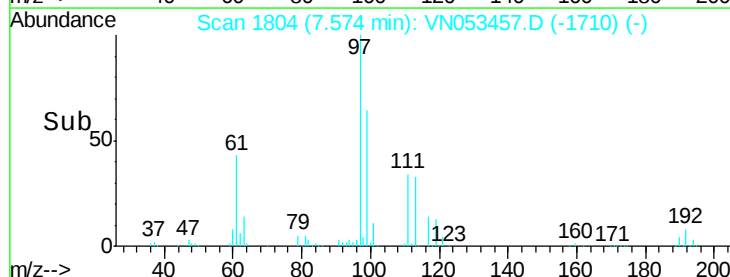
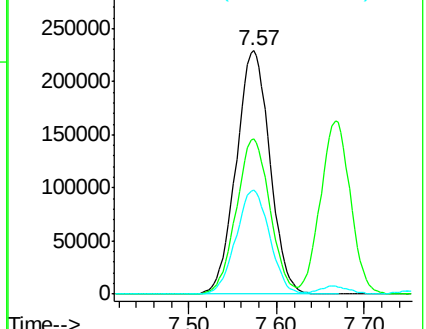
61 42.8 34.4 51.6



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

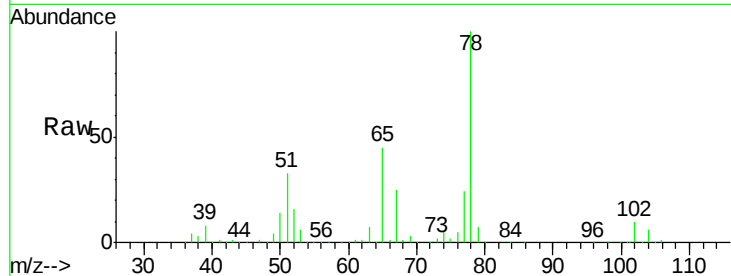
Acq: 18 Jan 2019 1:21

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

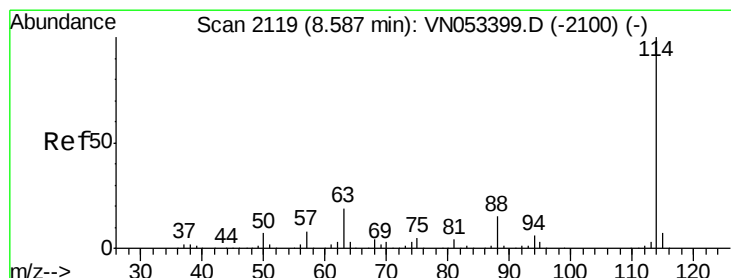
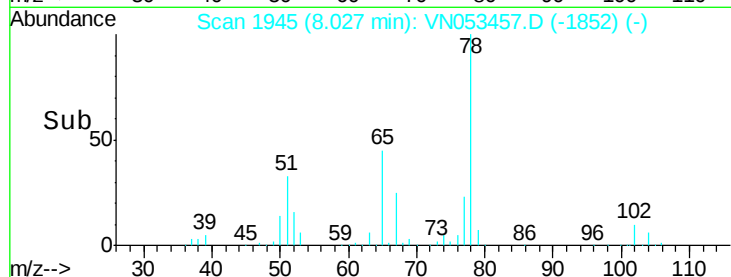
100000

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

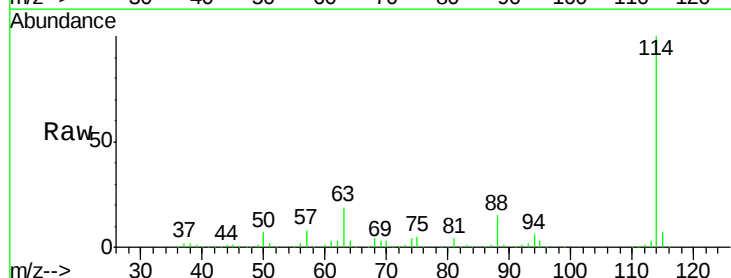
Tgt Ion: 114 Resp: 1213418

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

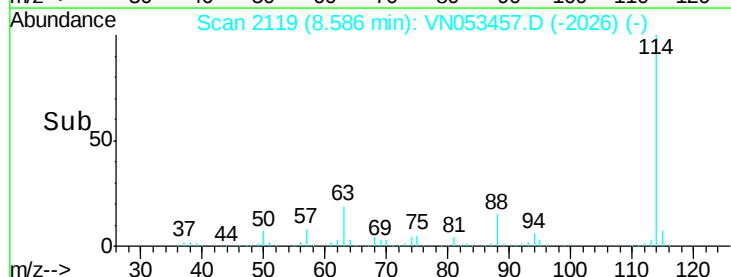
400000

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

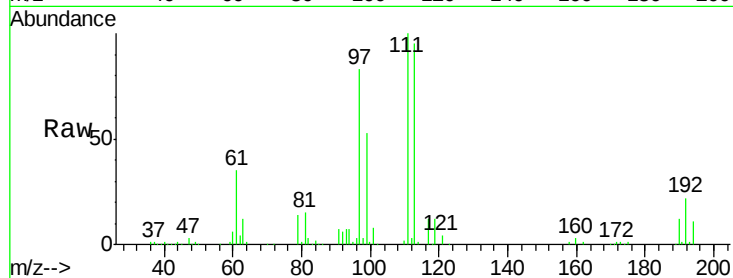
Tot Ion:113 Resp: 360287

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

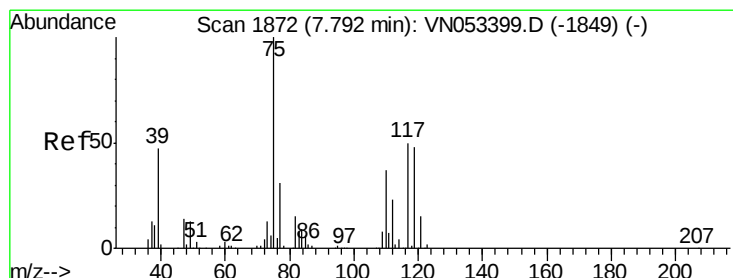
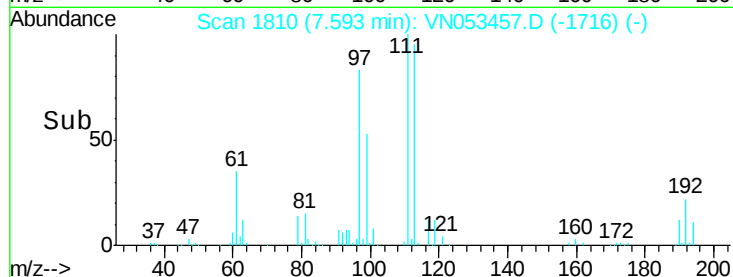
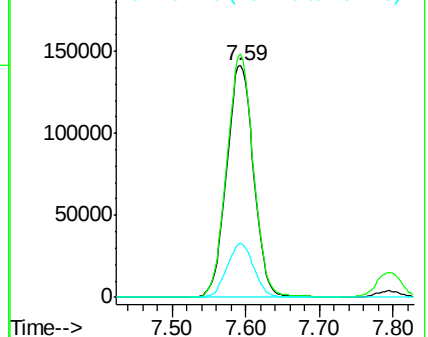
192 23.0 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 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

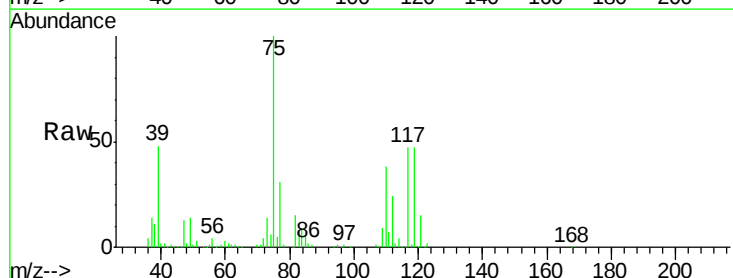
Tgt Ion: 75 Resp: 554731

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.3

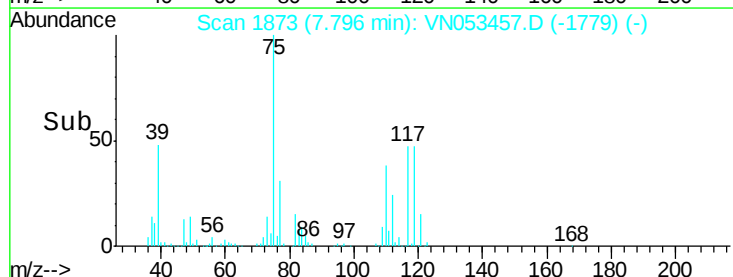
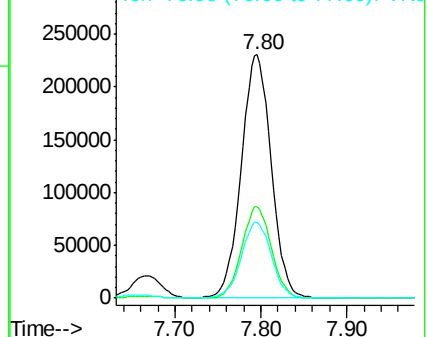
77 31.7 25.1 37.7

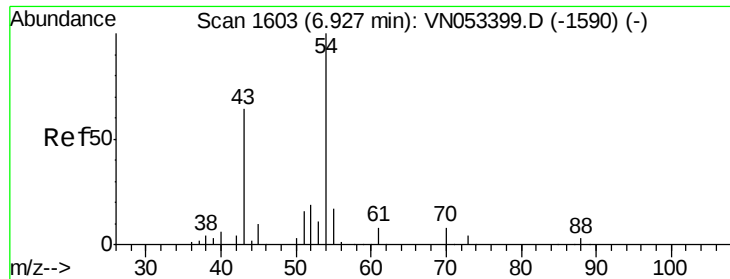


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

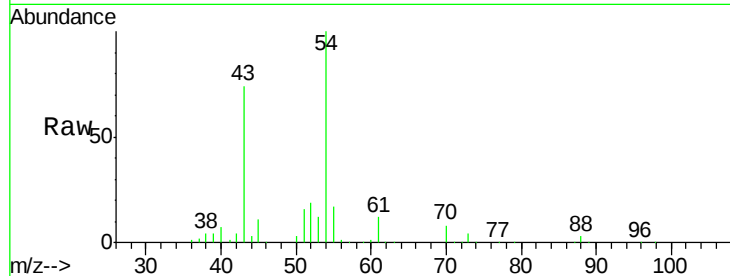
Ion 76.90 (76.60 to 77.60): V



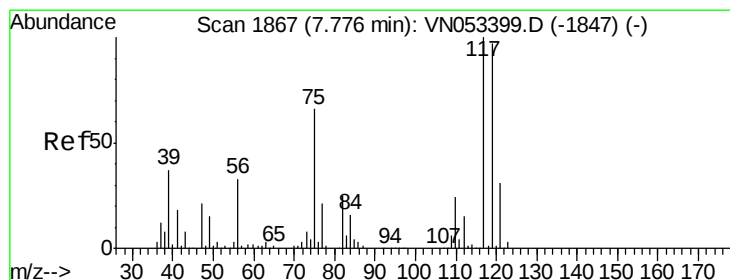
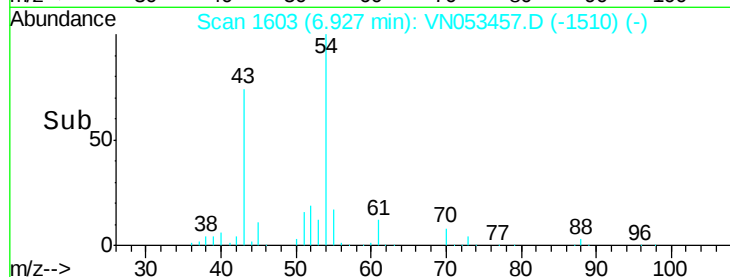
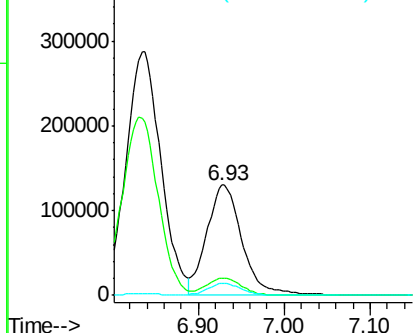


#37
Ethyl Acetate
Concen: 57.770 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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

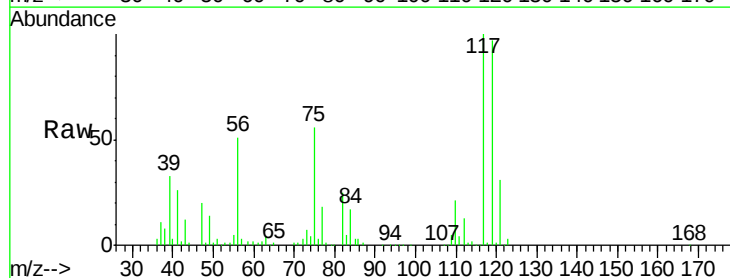


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

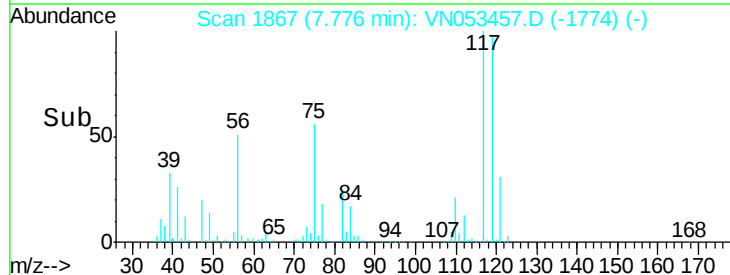
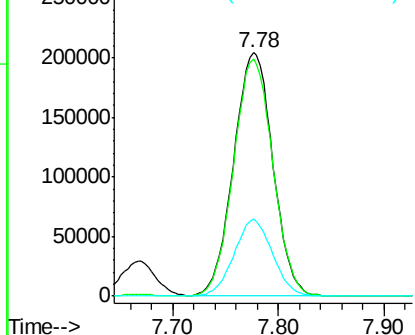


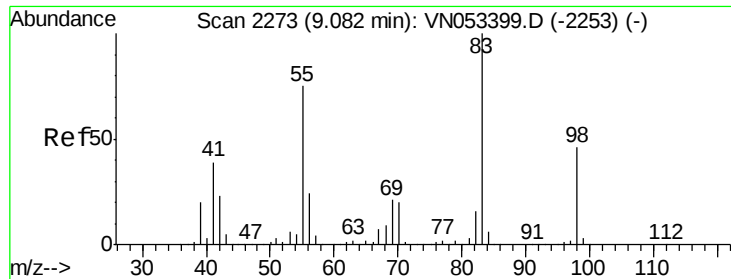
#38
Carbon Tetrachloride
Concen: 50.390 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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

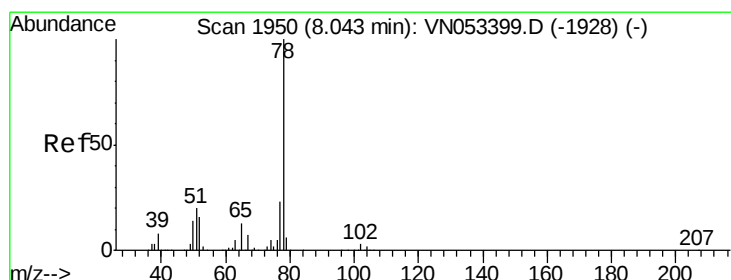
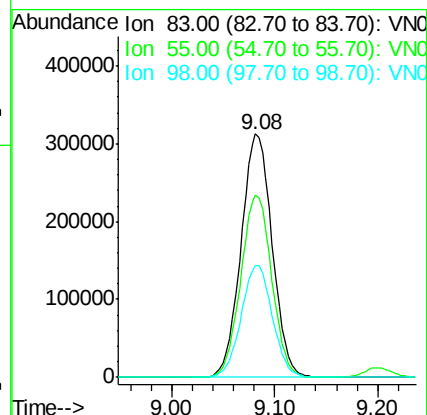
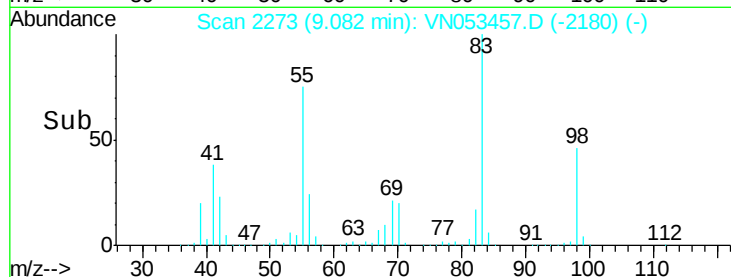
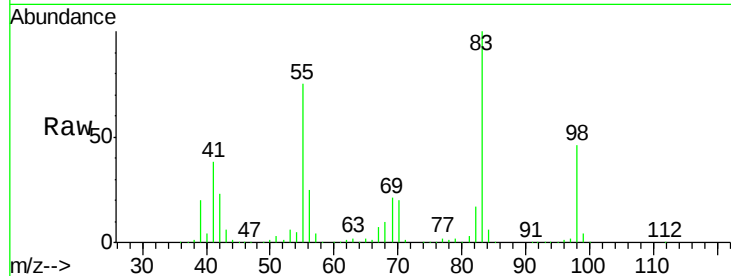




#39
Methvlcvclohexane
Concen: 48.007 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tot Ion: 83 Resp: 655709

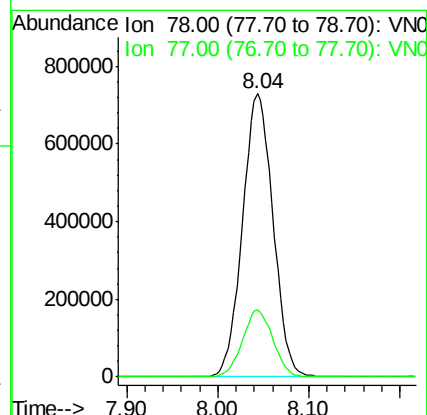
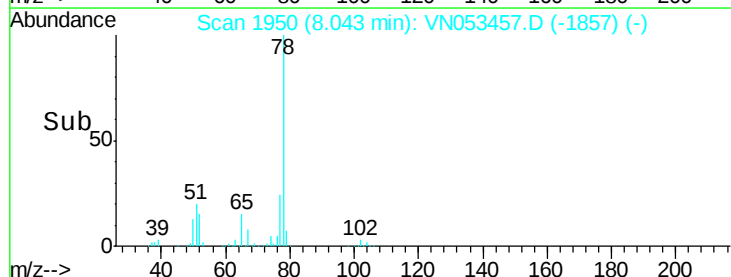
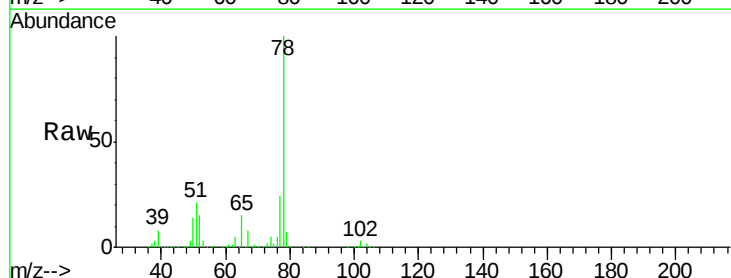
Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.1	90.1
98	45.9	36.6	55.0

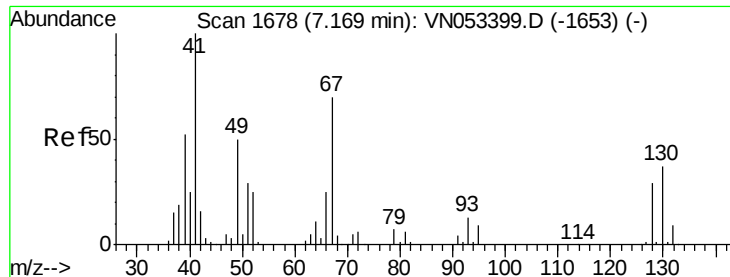


#40
Benzene
Concen: 50.608 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

Tgt Ion: 78 Resp: 1699493

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41

Methacrylonitrile

Concen: 49.985 ug/l

RT: 7.17 min Scan# 1679

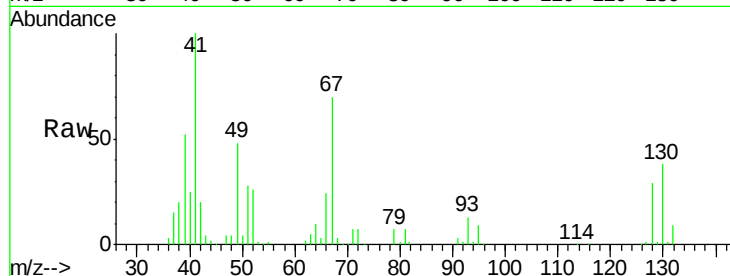
Delta R.T. 0.00 min

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

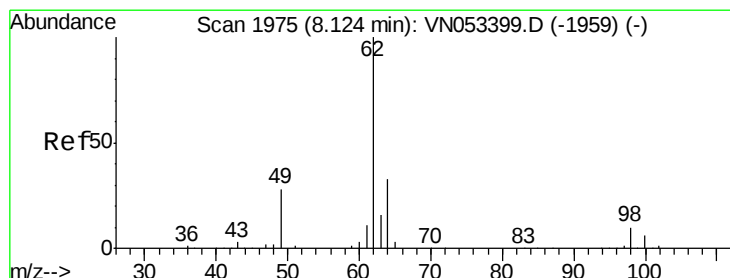
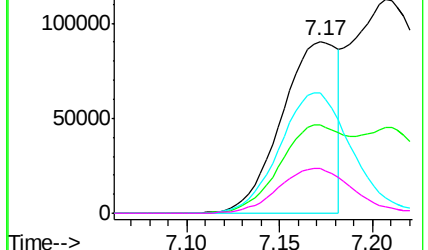
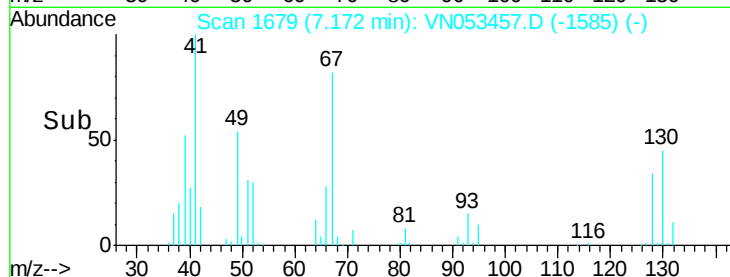


Abundance Ion 41.00 (40.70 to 41.70): VNO

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

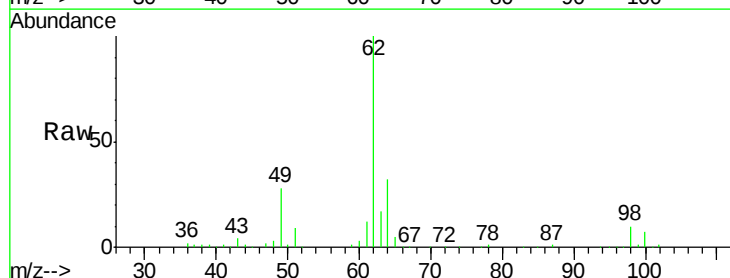
Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

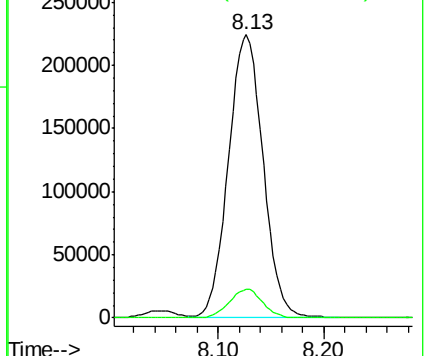
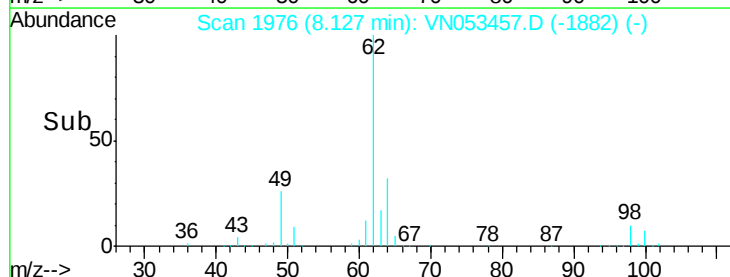
Tgt Ion: 62 Resp: 509958

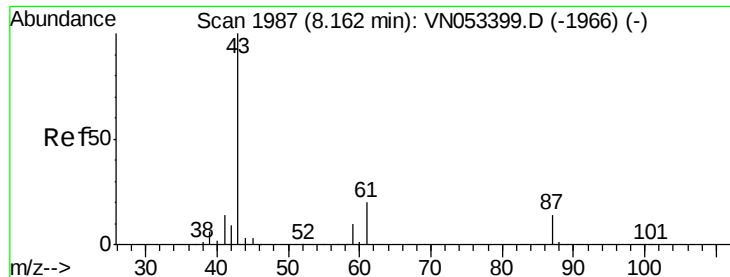
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6



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

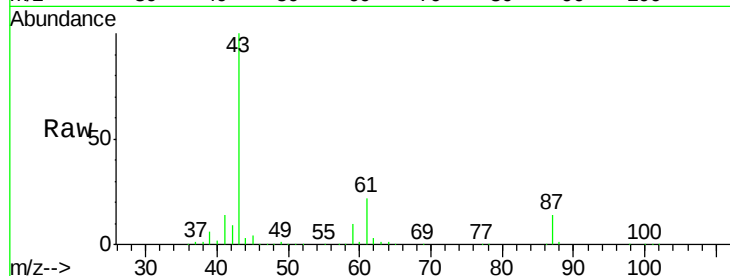
Tot Ion: 43 Resp: 659423

Ion Ratio Lower Upper

43 100

61 29.3 23.9 35.9

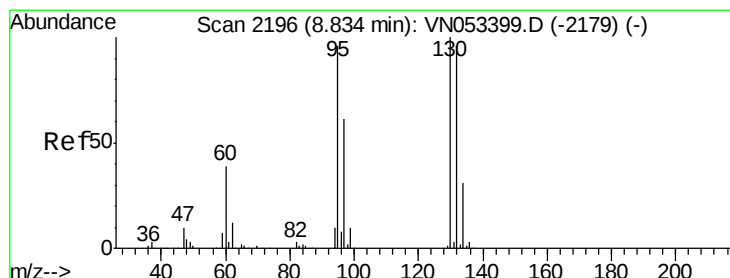
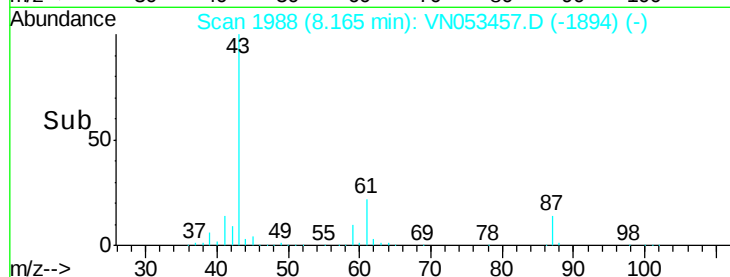
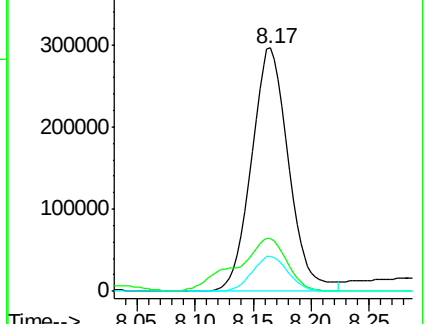
87 13.9 11.0 16.6



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

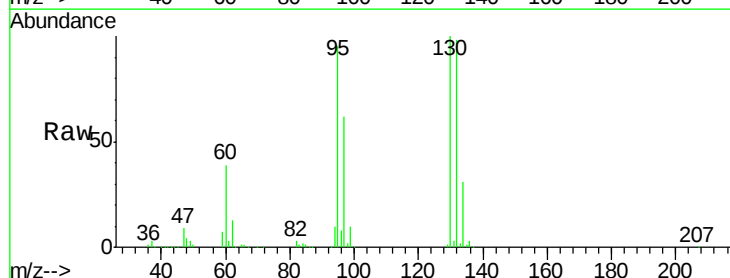
Acq: 18 Jan 2019 1:21

Tgt Ion: 130 Resp: 474598

Ion Ratio Lower Upper

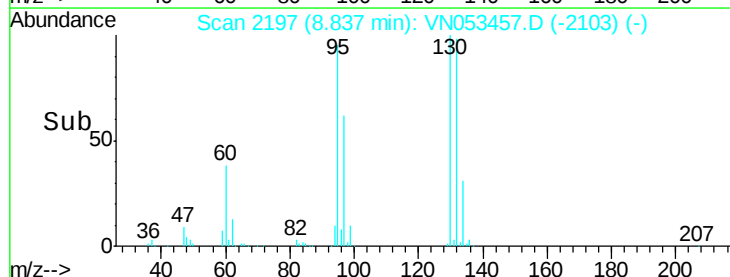
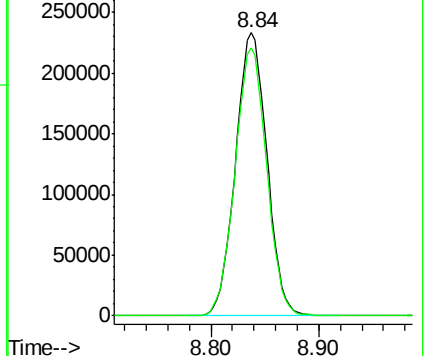
130 100

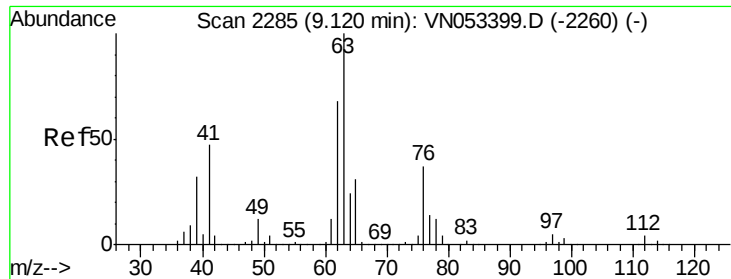
95 94.8 0.0 191.4



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

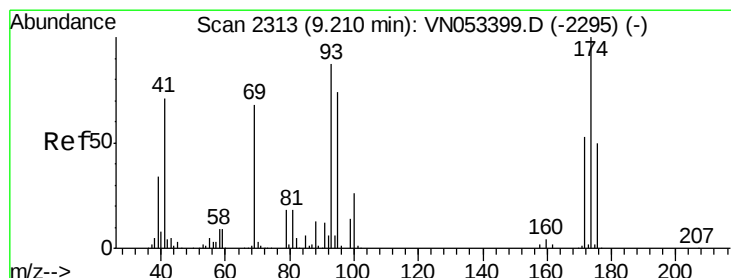
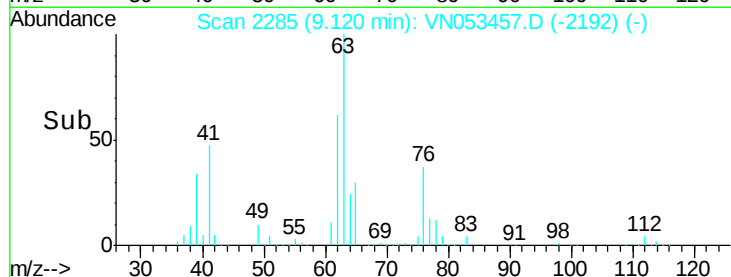
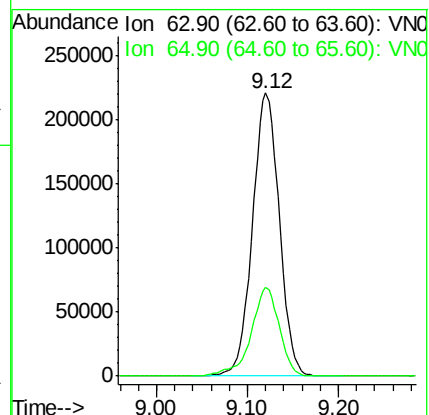
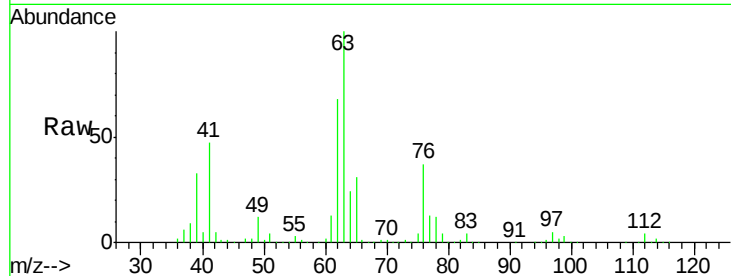
Acq: 18 Jan 2019 1:21

Tot Ion: 63 Resp: 451511

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4



#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

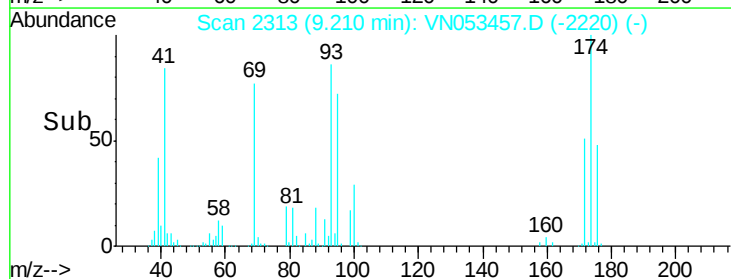
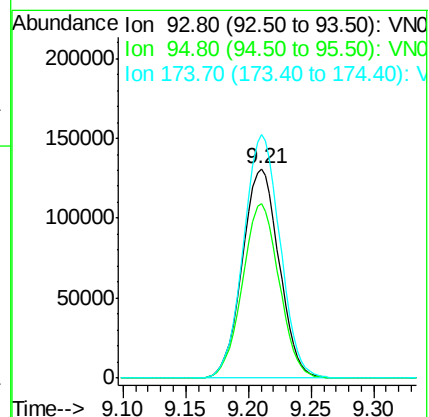
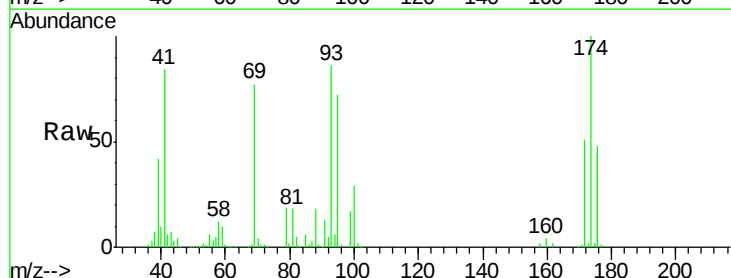
Tgt Ion: 93 Resp: 267099

Ion Ratio Lower Upper

93 100

95 83.4 67.3 100.9

174 115.4 91.0 136.4





#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

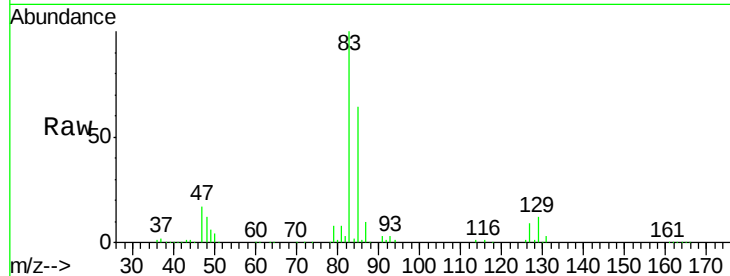
Tot Ion: 83 Resp: 552925

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6

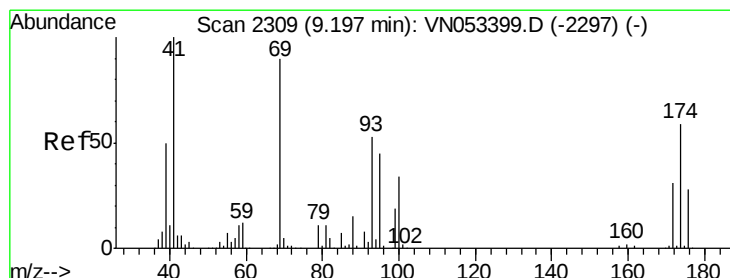
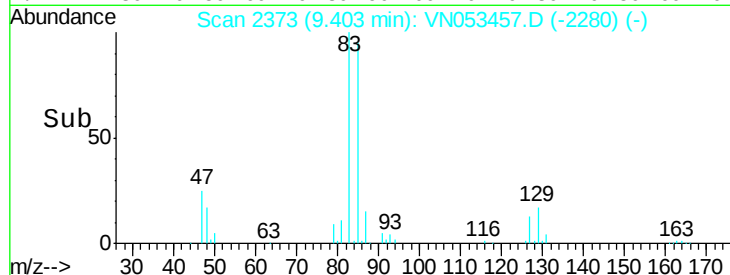
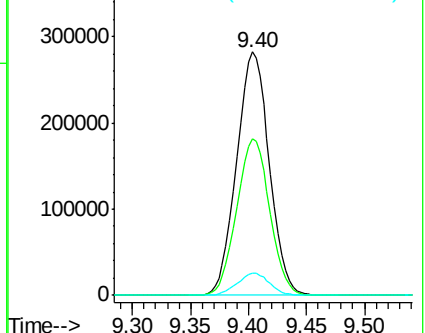
127 9.0 7.0 10.6



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

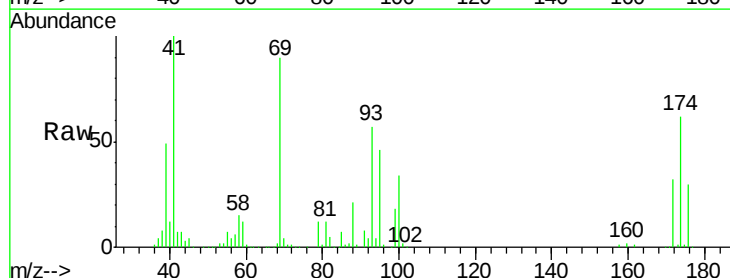
Tgt Ion: 41 Resp: 331137

Ion Ratio Lower Upper

41 100

69 93.1 73.8 110.6

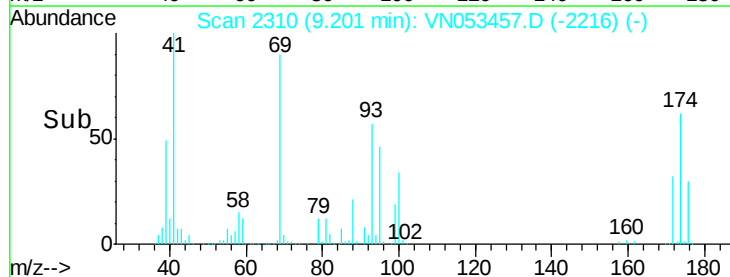
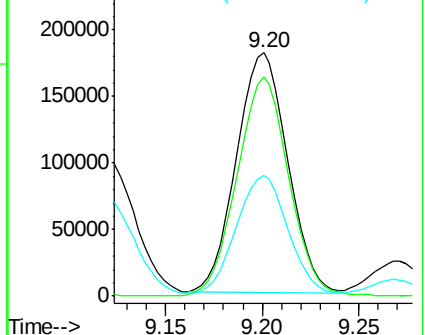
39 51.5 40.0 60.0

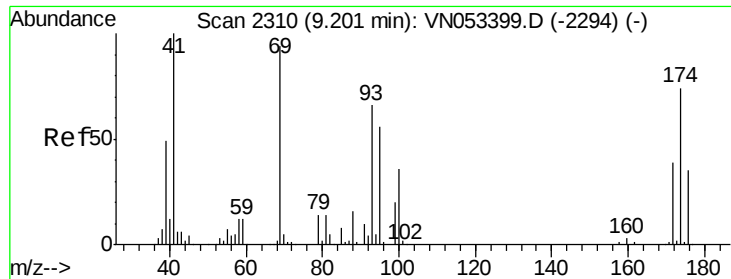


Abundance Ion 41.00 (40.70 to 41.70): VN0

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

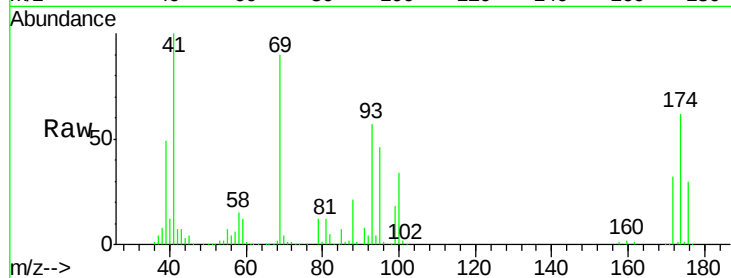
Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

Tot Ion: 88 Resp: 77104

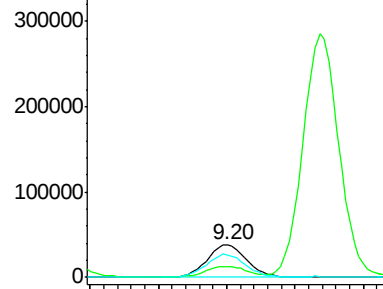
Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.8	41.6
58	70.9	56.5	84.7



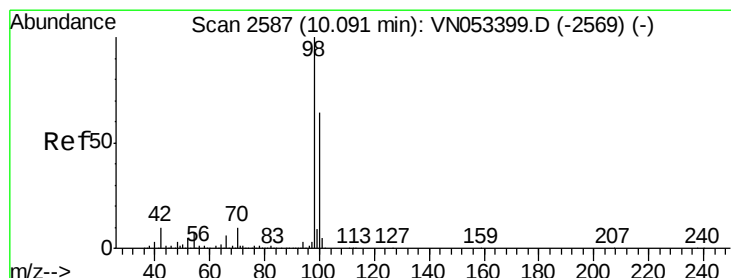
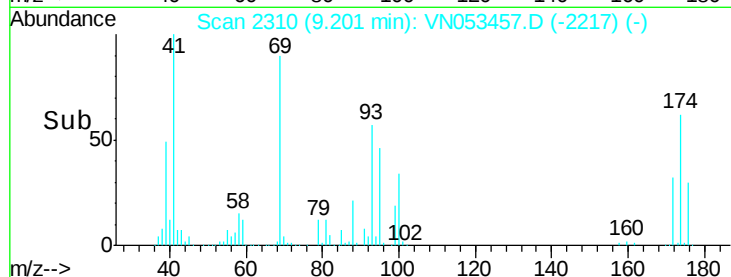
Abundance Ion 88.00 (87.70 to 88.70): VN053399.D (-2294) (-)

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

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



Time-->



#50

Toluene-d8

Concen: 1337.522 ug/l

RT: 10.09 min Scan# 2587

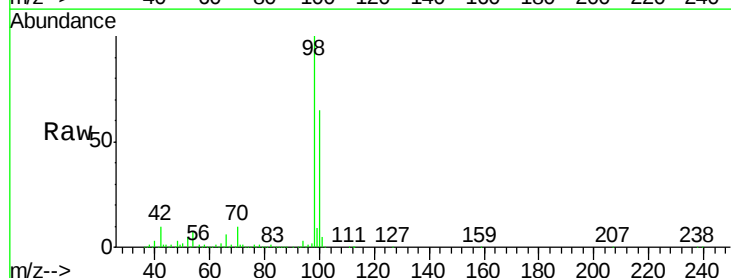
Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

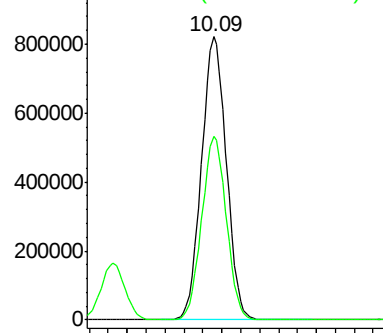
Tgt Ion: 98 Resp: 1496476

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

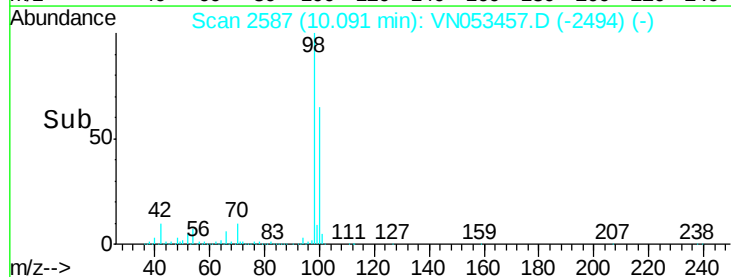


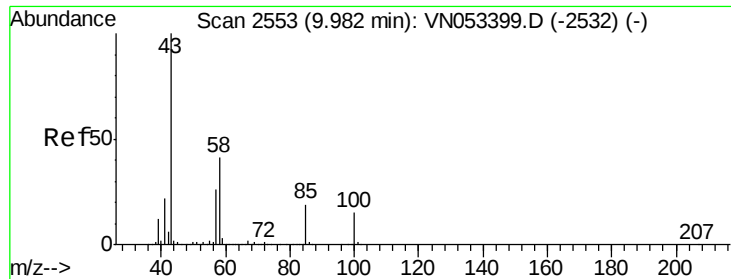
Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)

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



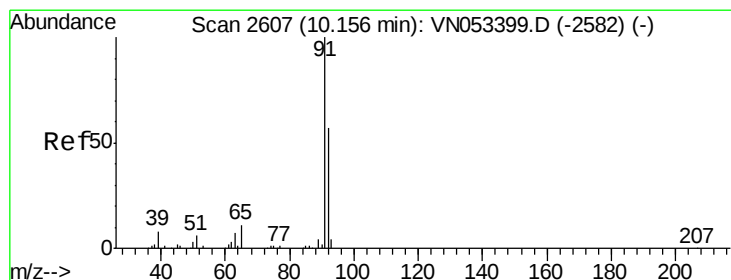
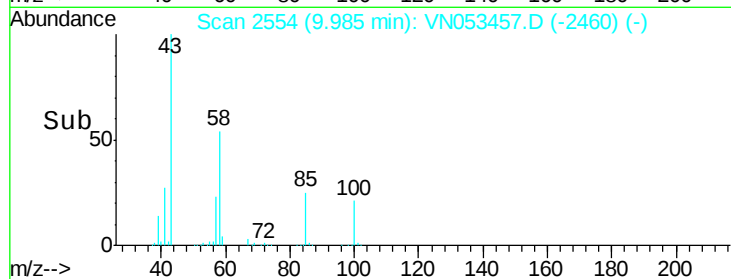
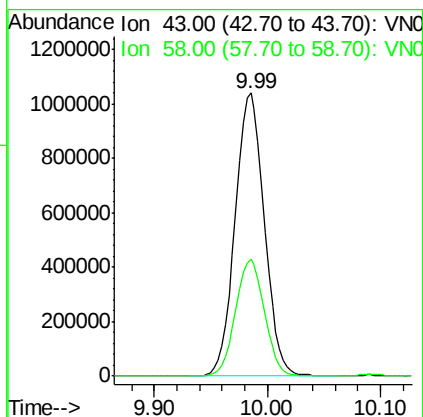
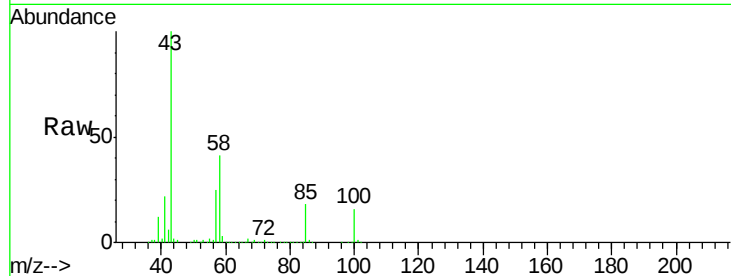
Time-->





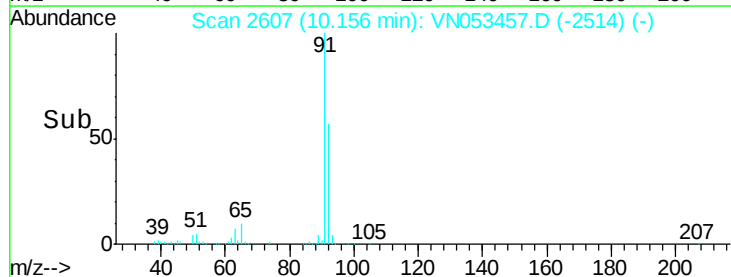
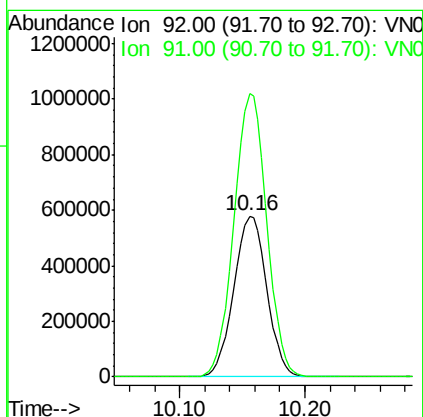
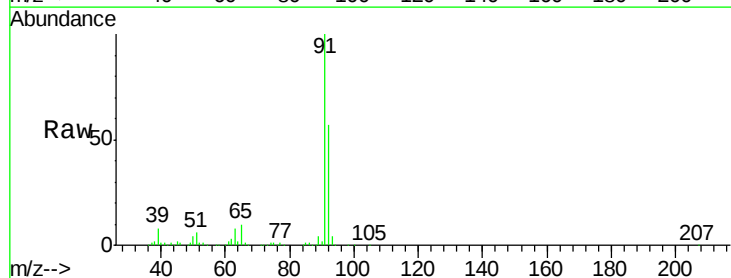
#51
4-Methyl-2-Pentanone
Concen: 298.967 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

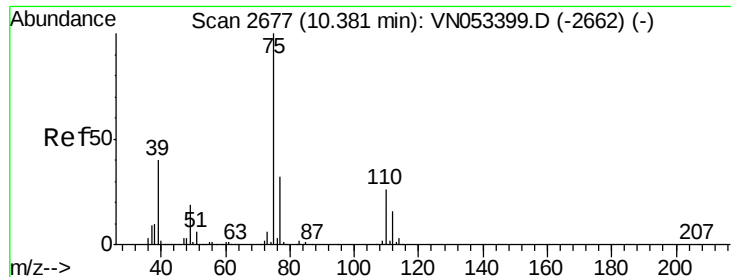
Tot Ion: 43 Resp: 1865771
Ion Ratio Lower Upper
43 100
58 41.0 32.8 49.2



#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

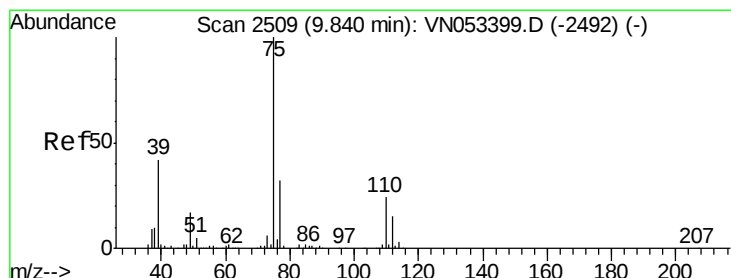
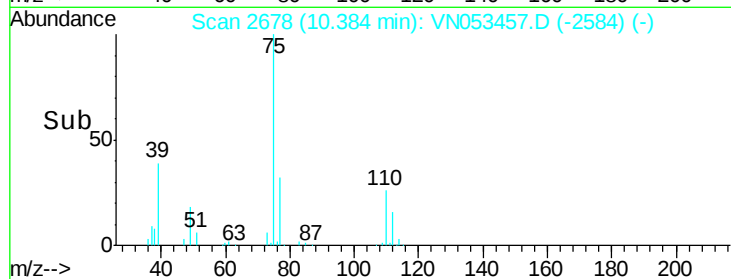
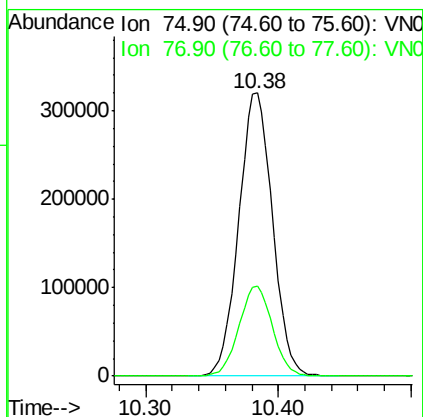
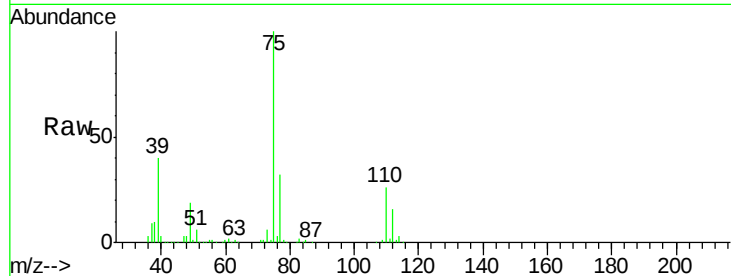
Tgt Ion: 92 Resp: 1054335
Ion Ratio Lower Upper
92 100
91 175.5 139.9 209.9





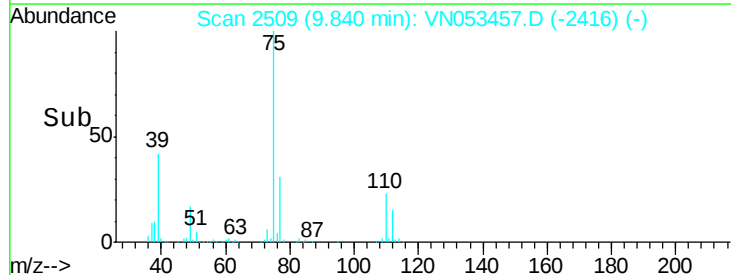
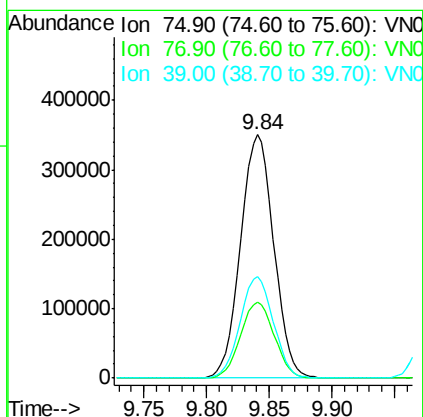
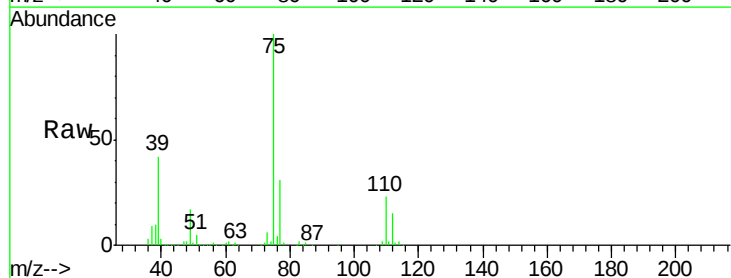
#53
 t-1,3-Dichloropropene
 Concen: 51.868 ug/l
 RT: 10.38 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

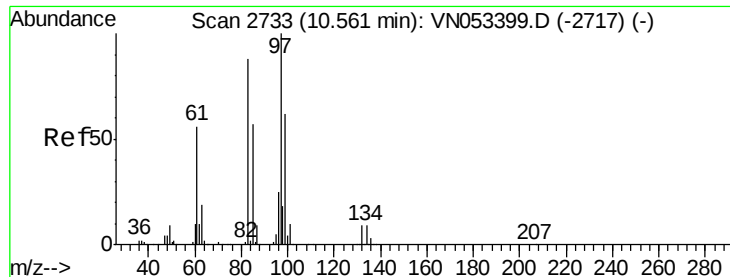
Tot Ion: 75 Resp: 564996
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3



#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

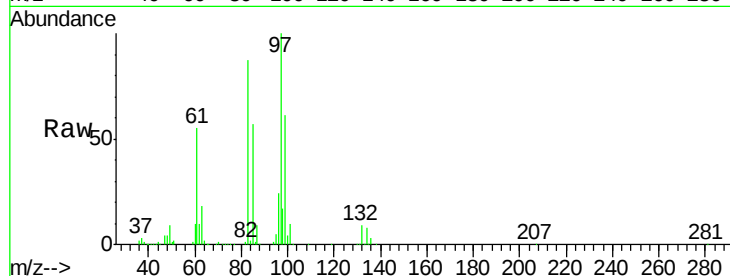
Tgt Ion: 75 Resp: 644930
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.6
 39 41.5 33.4 50.0



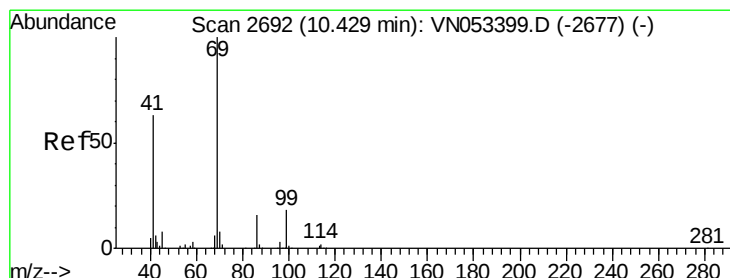
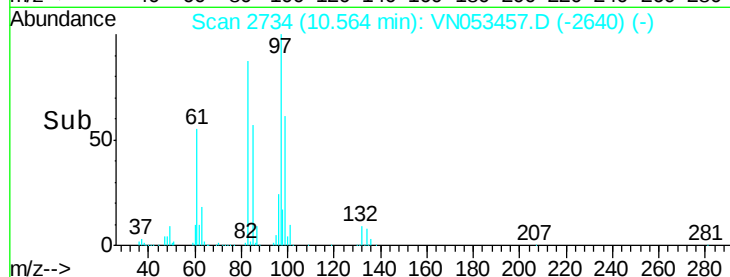
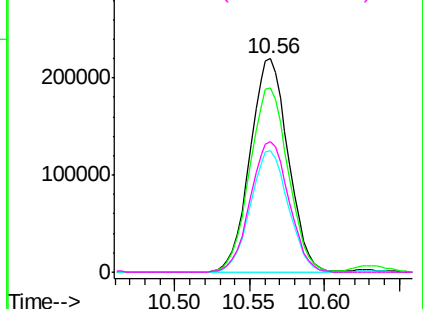


#55
 1,1,2-Trichloroethane
 Concen: 54.170 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

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

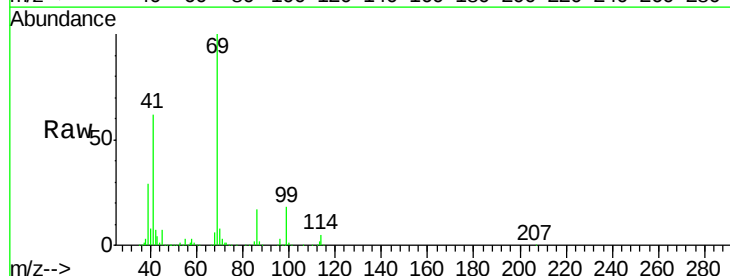


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

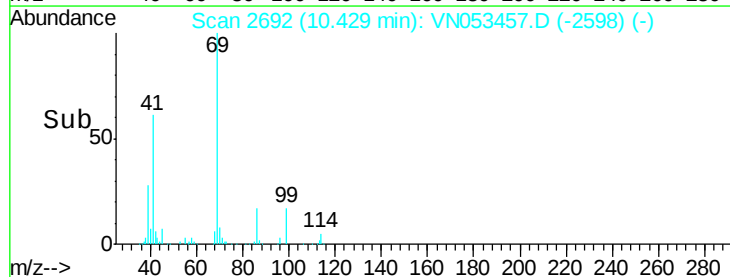
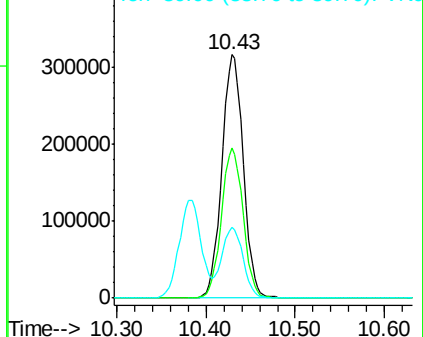


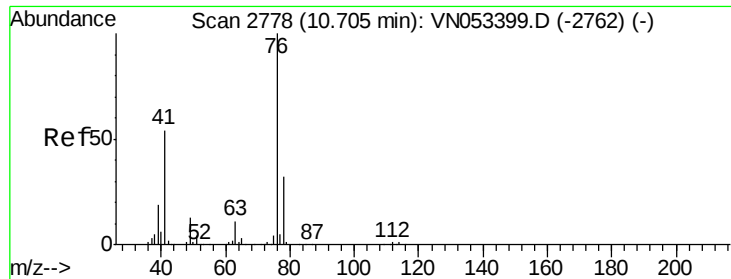
#56
 Ethyl methacrylate
 Concen: 51.646 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

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



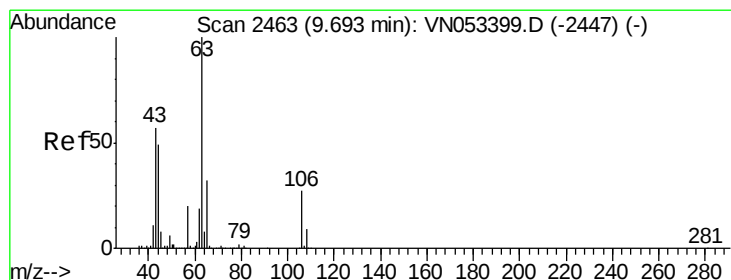
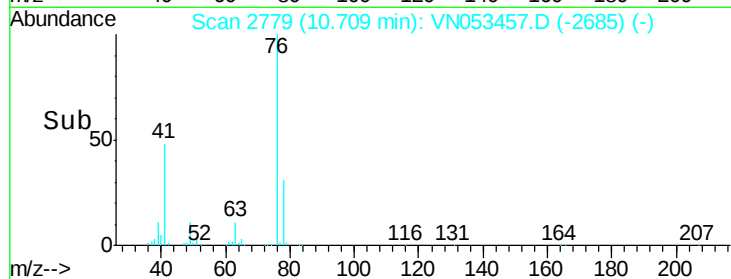
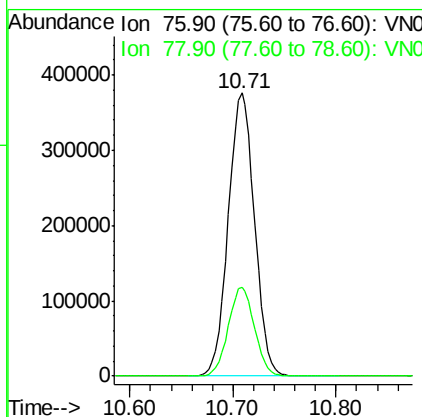
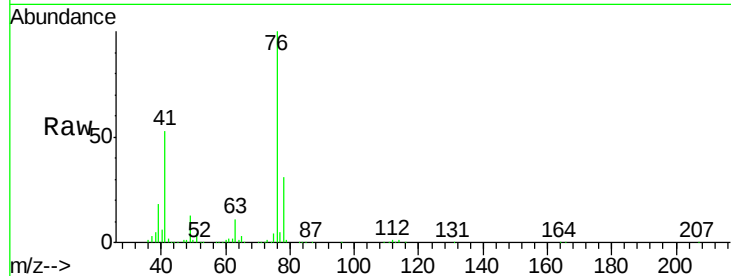
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





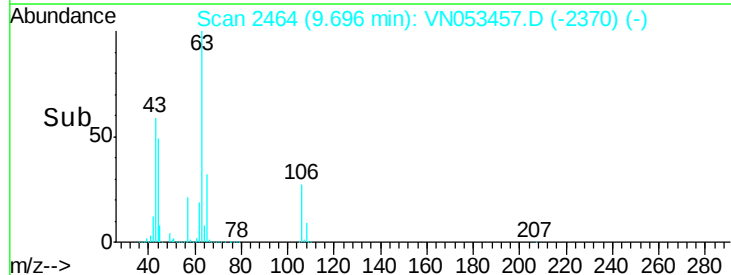
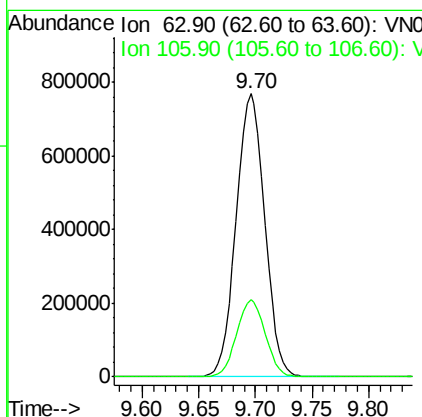
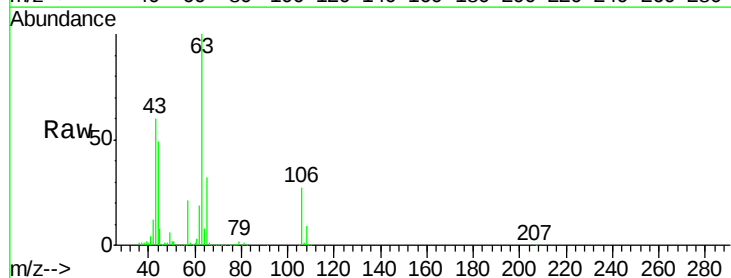
#57
 1,3-Dichloropropane
 Concen: 53.649 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

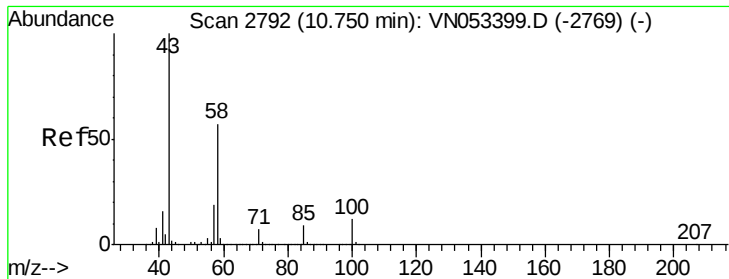
Tot Ion: 76 Resp: 667061
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4



#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

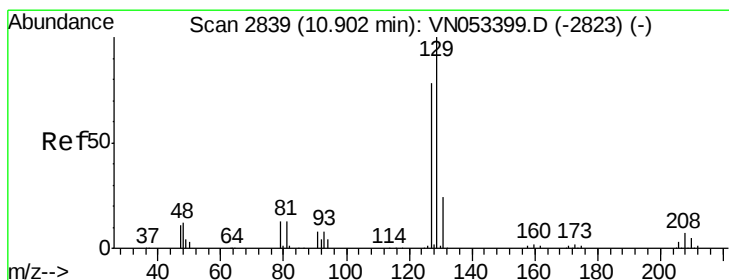
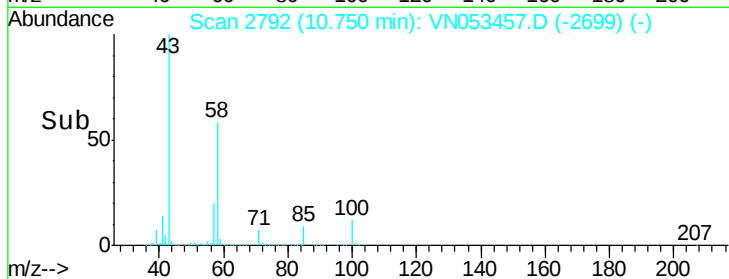
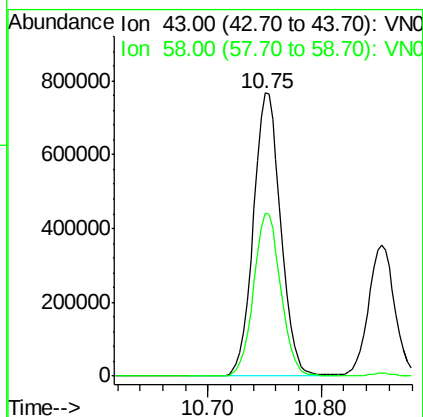
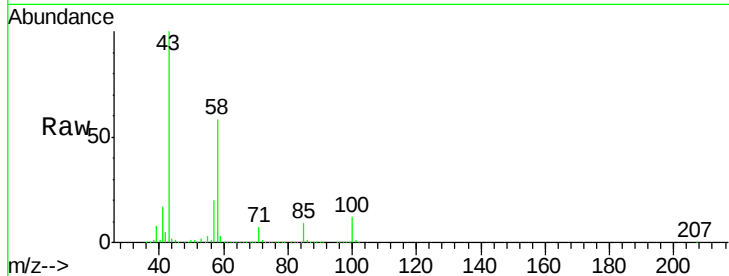
Tgt Ion: 63 Resp: 1358389
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.5 32.3





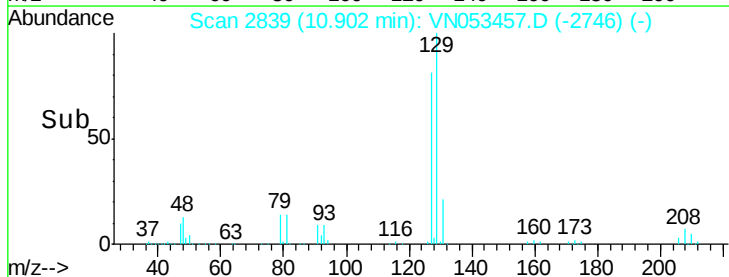
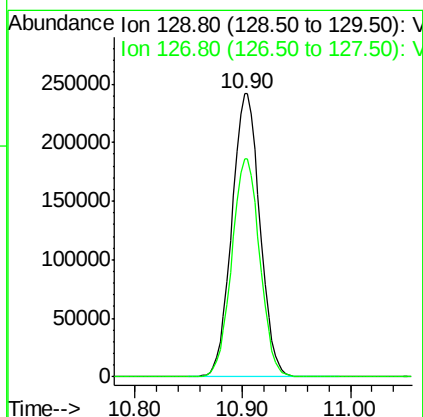
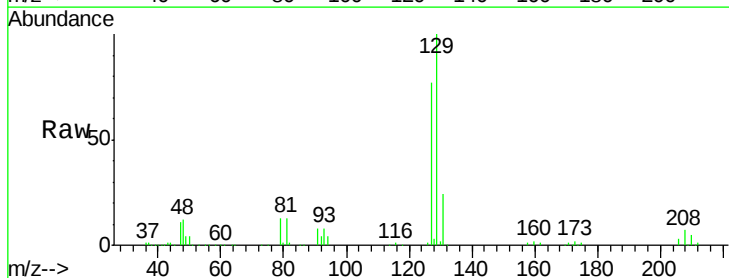
#59
2-Hexanone
Concen: 293.197 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

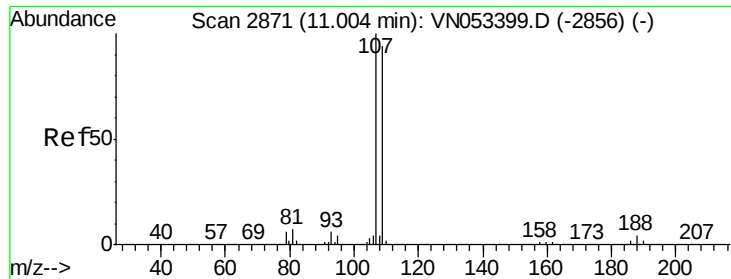
Tot Ion: 43 Resp: 1284472
Ion Ratio Lower Upper
43 100
58 57.2 28.6 85.8



#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

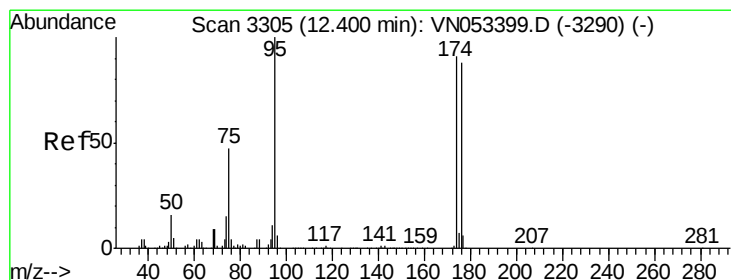
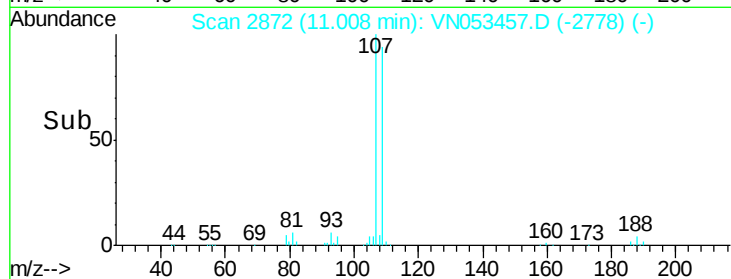
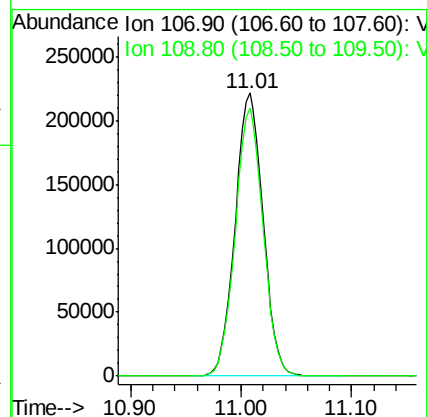
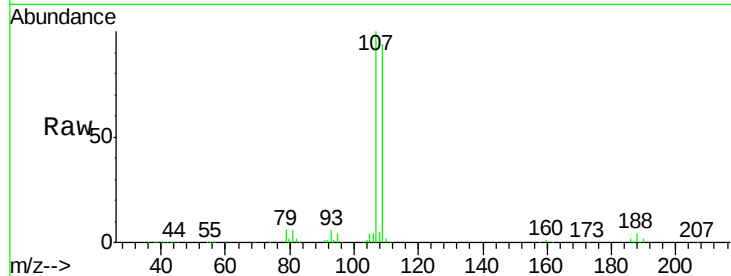
Tgt Ion: 129 Resp: 435798
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





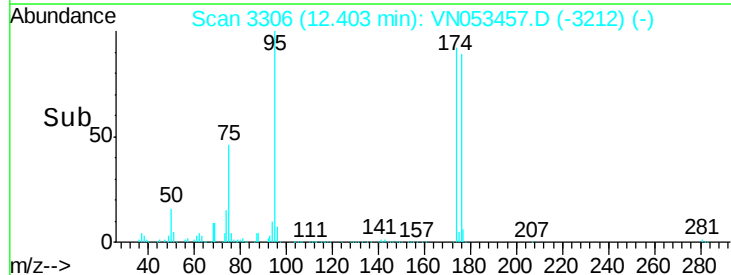
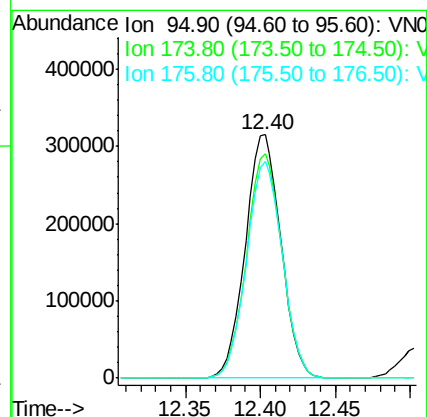
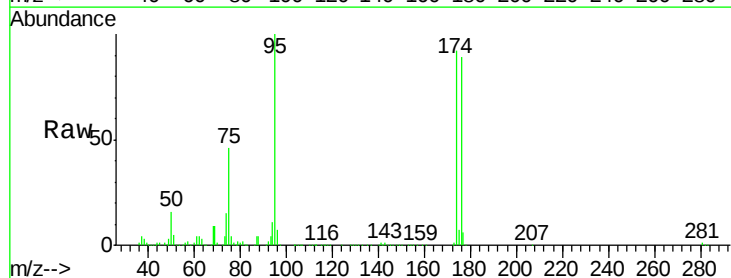
#61
 1,2-Dibromoethane
 Concen: 53.512 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

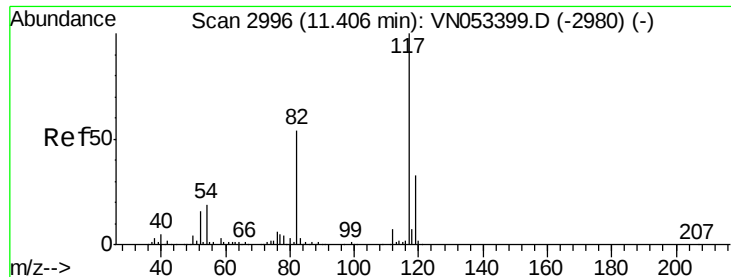
Tot Ion: 107 Resp: 388990
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5



#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

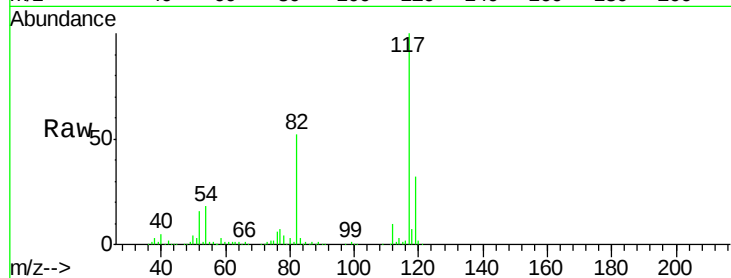
Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

Tot Ion:117 Resp: 1113556

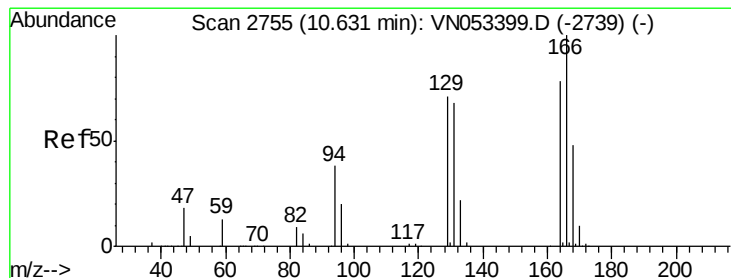
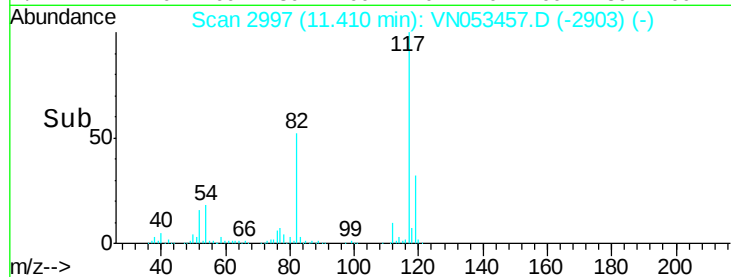
Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.9	64.3
119	32.3	26.0	39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.496 ug/l

RT: 10.63 min Scan# 2755

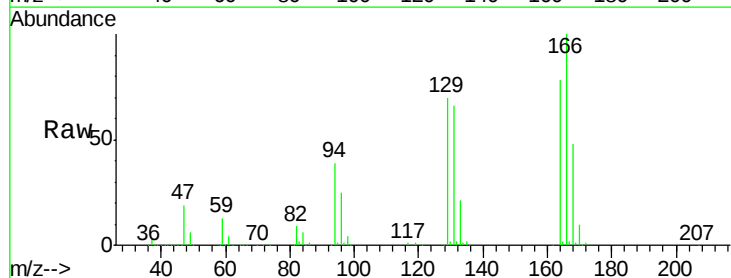
Delta R.T. -0.00 min

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

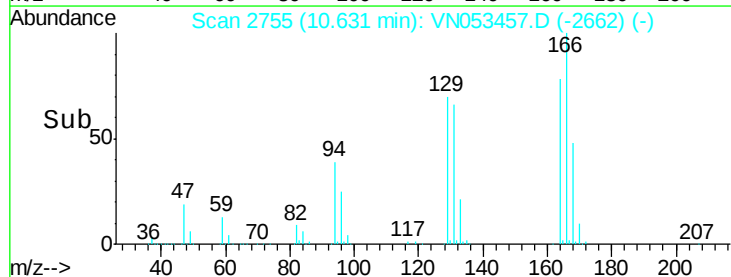


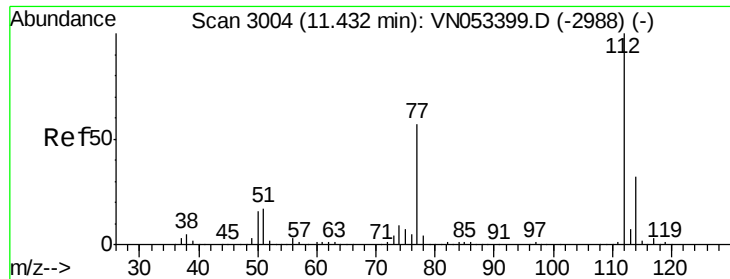
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

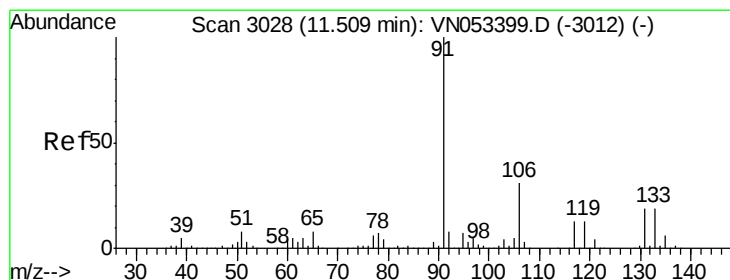
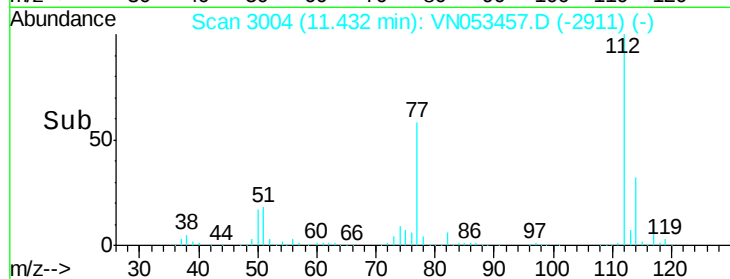
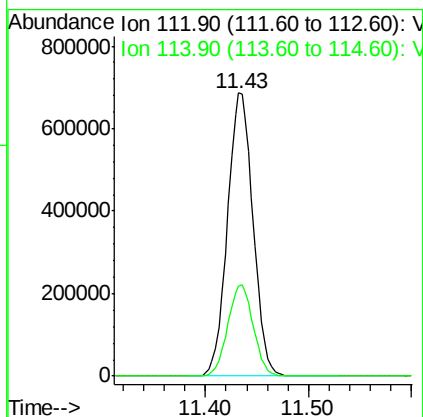
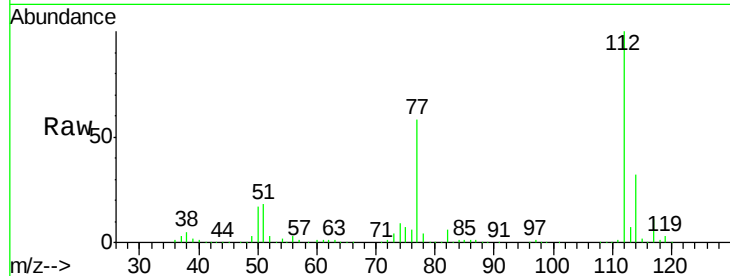
Ion 130.80 (130.50 to 131.50): V





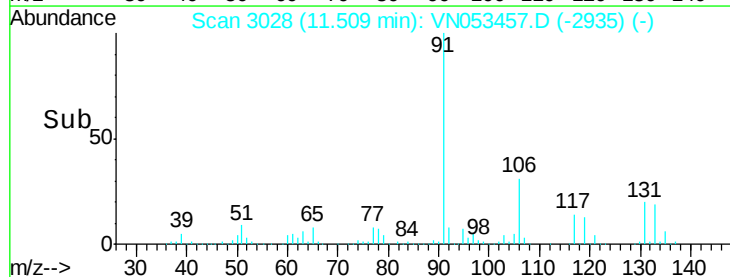
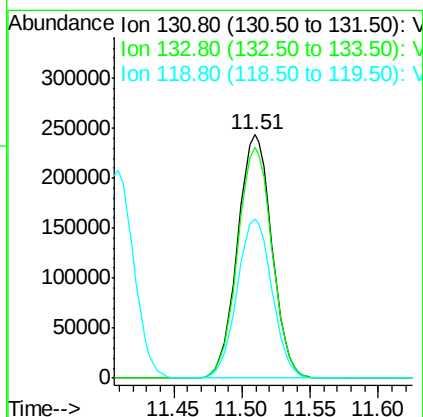
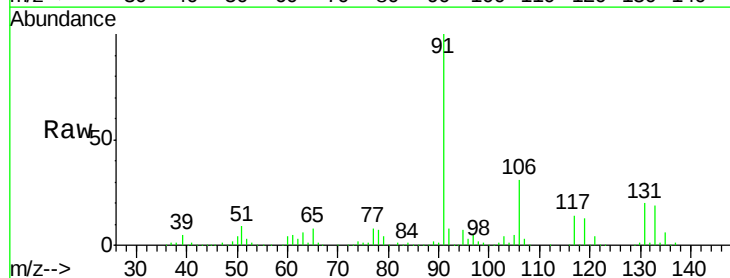
#65
Chlorobenzene
Concen: 50.176 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

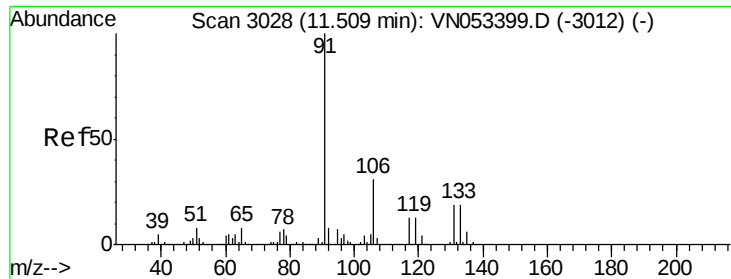
Tot Ion:112 Resp: 1182653
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#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

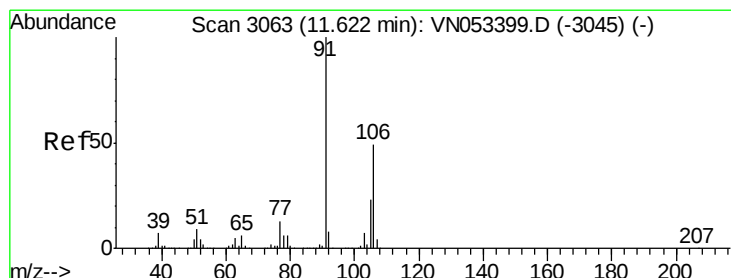
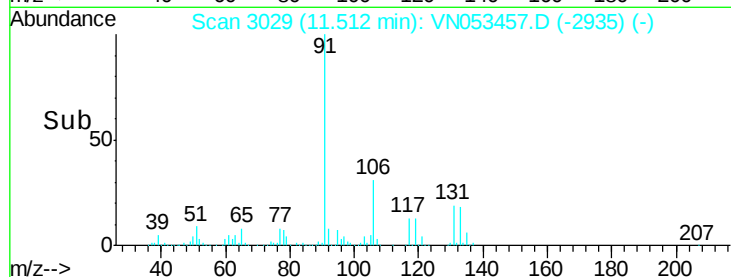
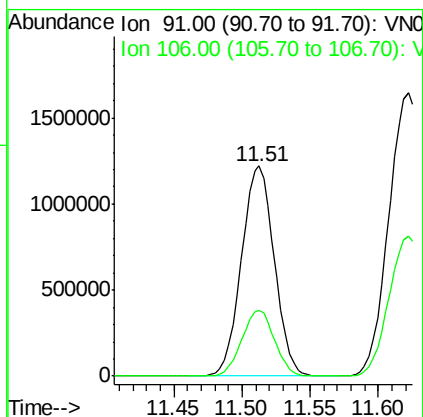
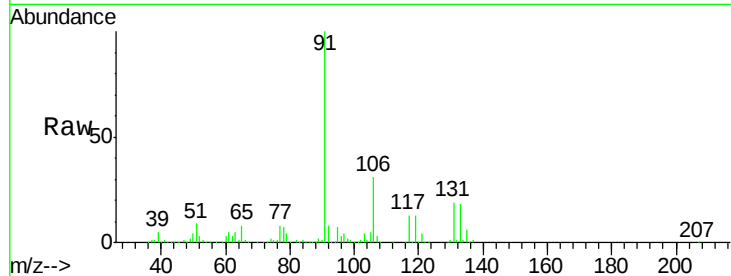
Tgt Ion:131 Resp: 425016
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 66.4 33.5 100.5





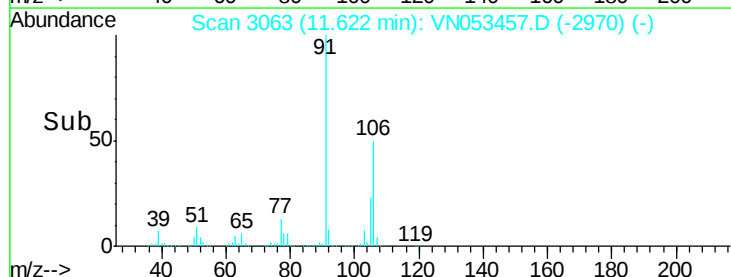
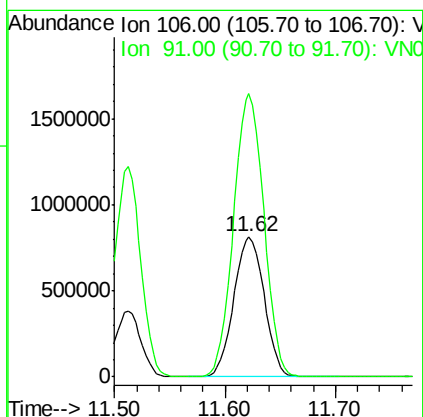
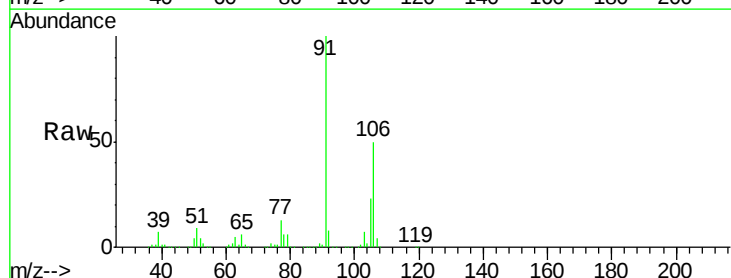
#67
Ethvl Benzene
Concen: 50.629 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

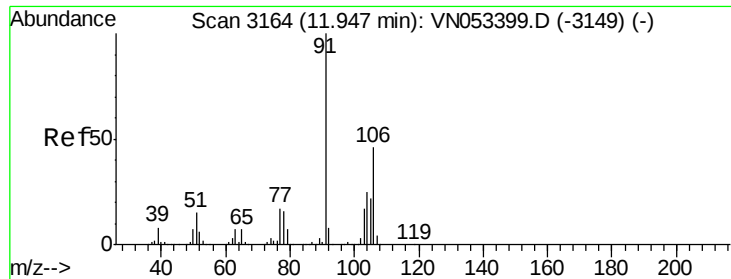
Tot Ion: 91 Resp: 2033727
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#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

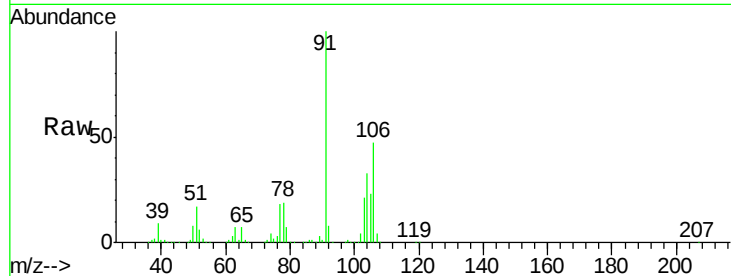
Tgt Ion:106 Resp: 1555077
Ion Ratio Lower Upper
106 100
91 201.3 161.4 242.2



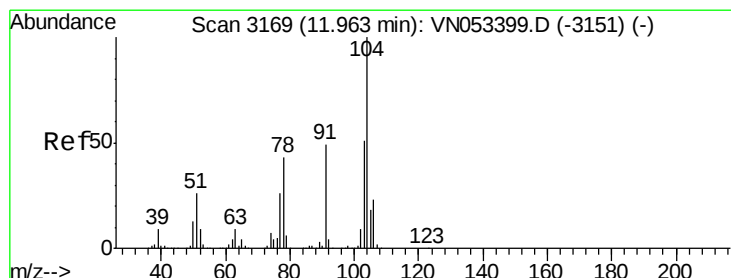
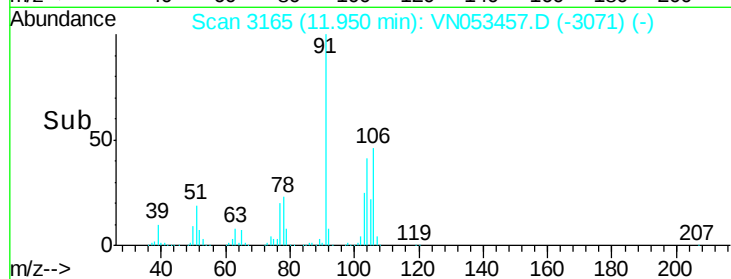
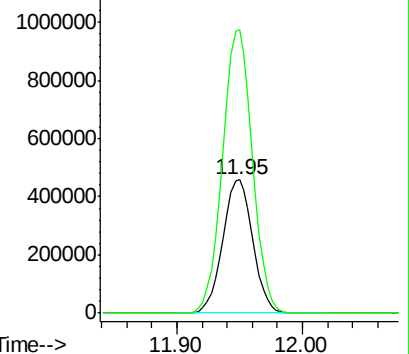


#69
o-Xylene
Concen: 51.436 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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

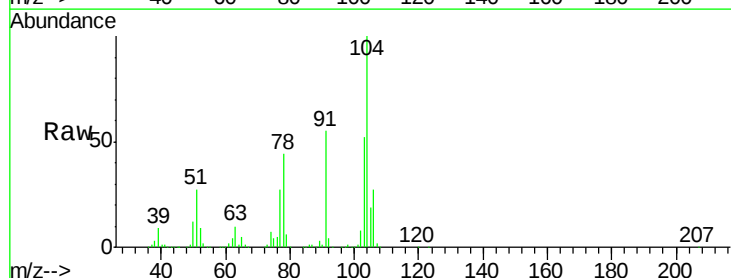


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

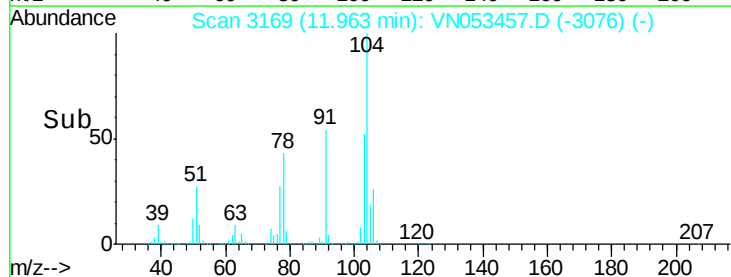
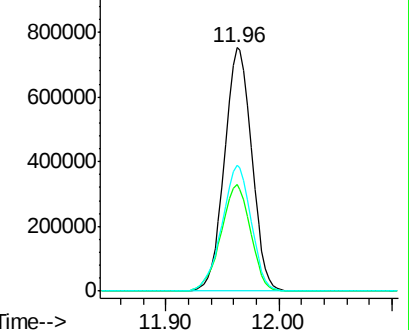


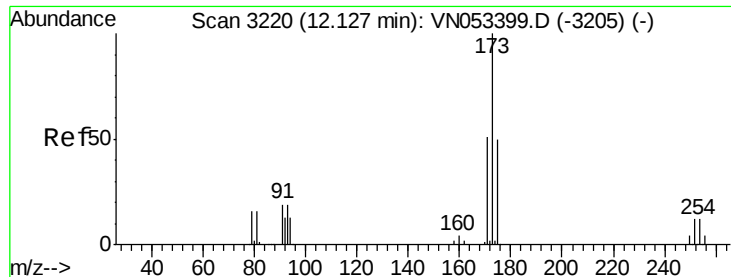
#70
Styrene
Concen: 52.943 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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

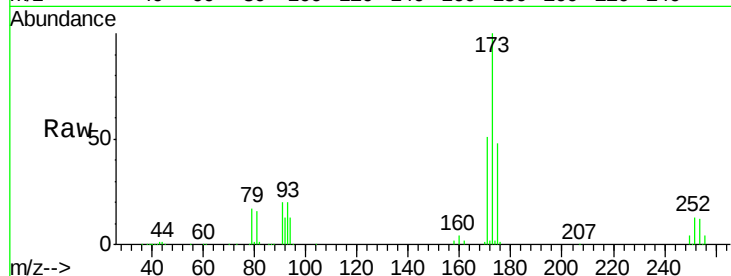
Tot Ion:173 Resp: 310801

Ion Ratio Lower Upper

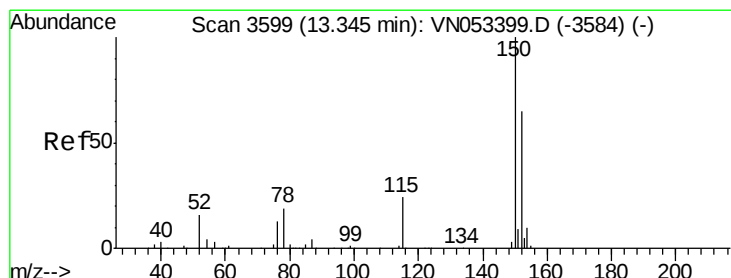
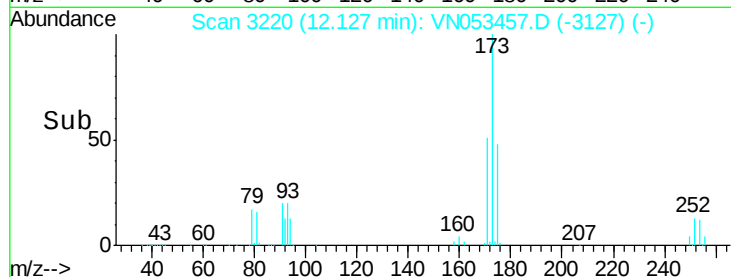
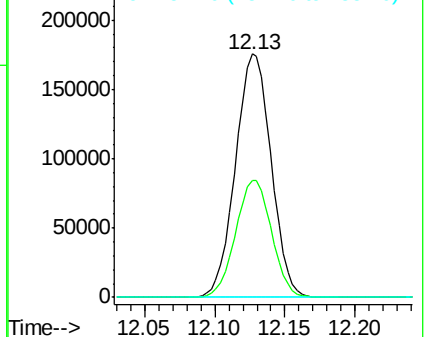
173 100

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

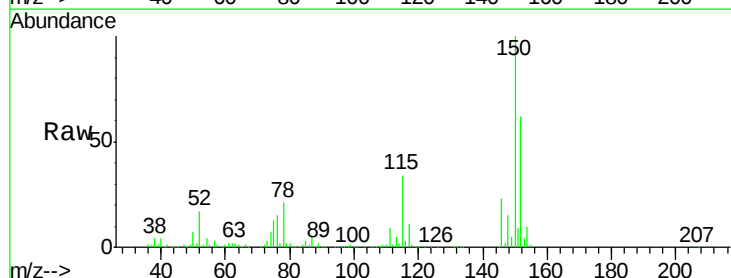
Tgt Ion:152 Resp: 551955

Ion Ratio Lower Upper

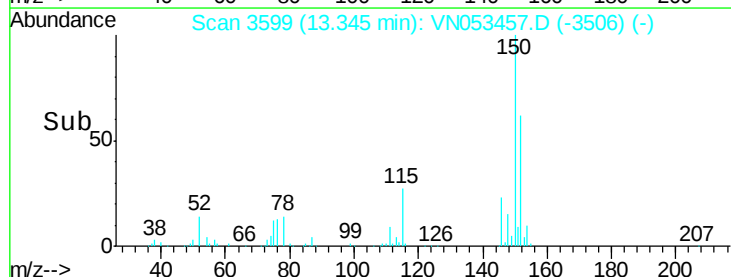
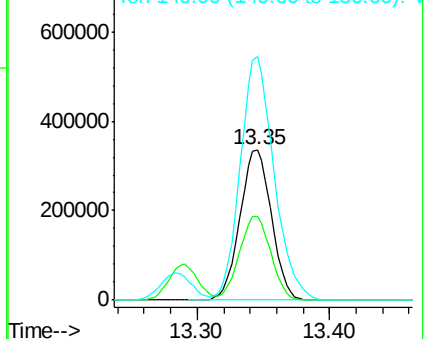
152 100

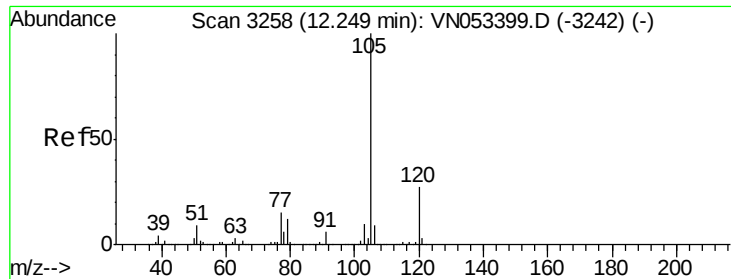
115 55.8 27.8 83.4

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

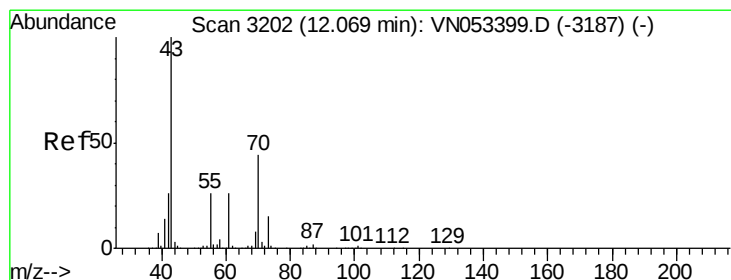
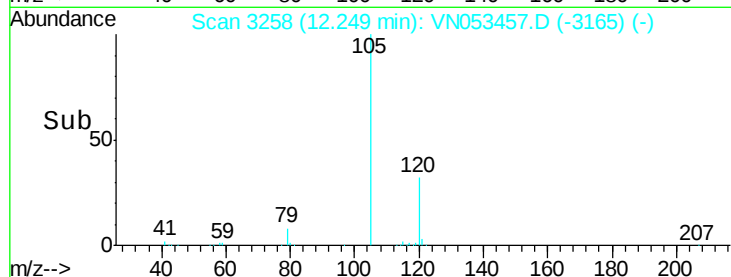
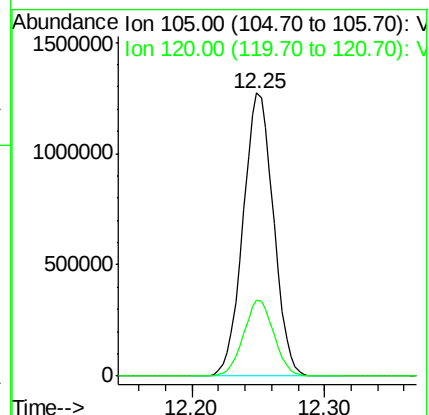
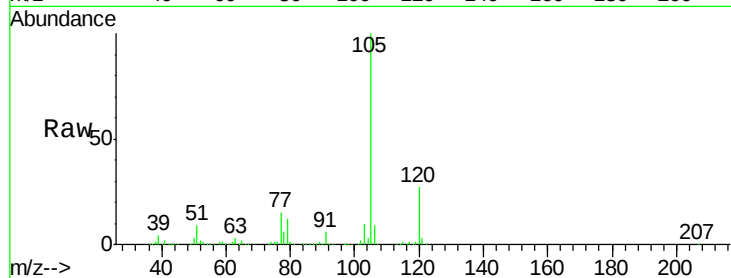
Acq: 18 Jan 2019 1:21

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

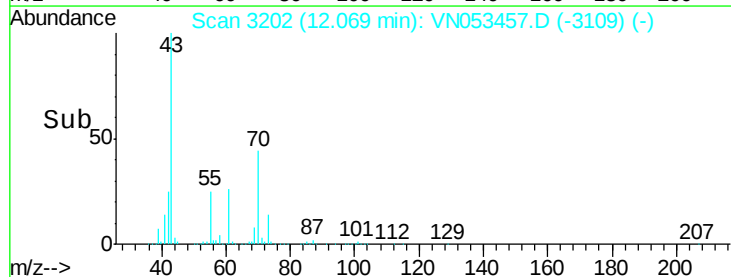
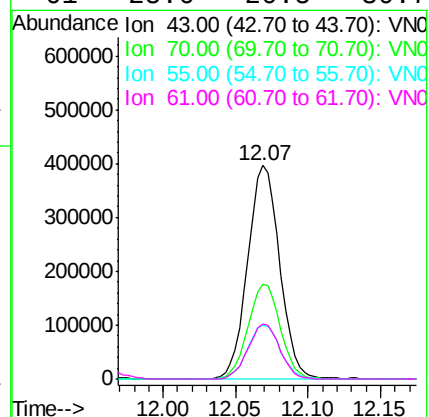
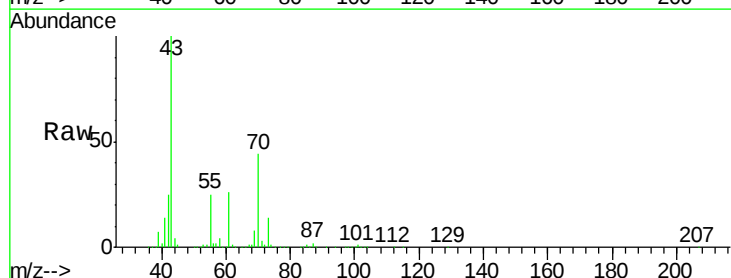
Ion Ratio Lower Upper

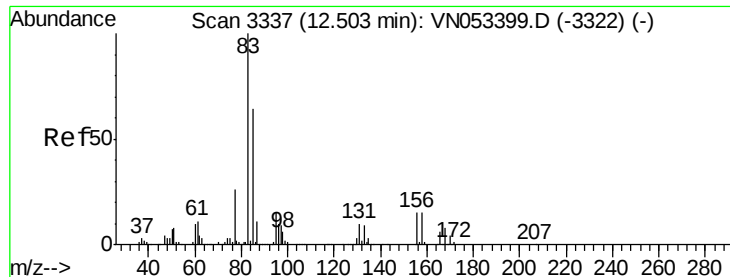
43 100

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

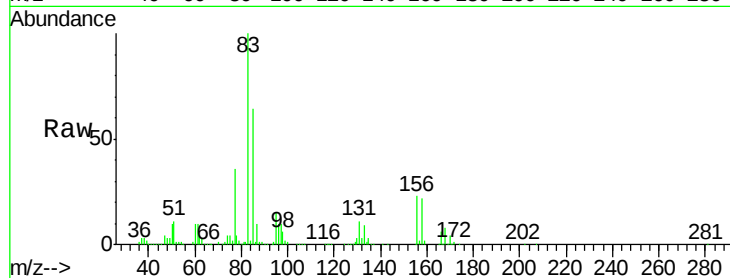
Tot Ion: 83 Resp: 454769

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

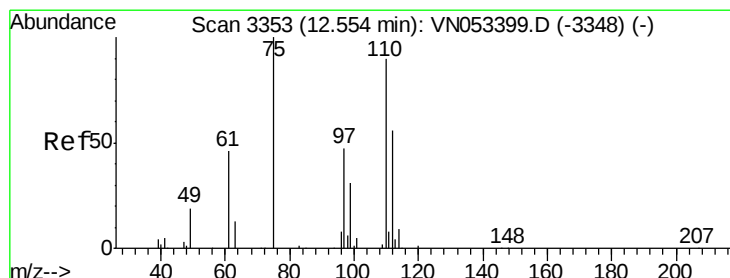
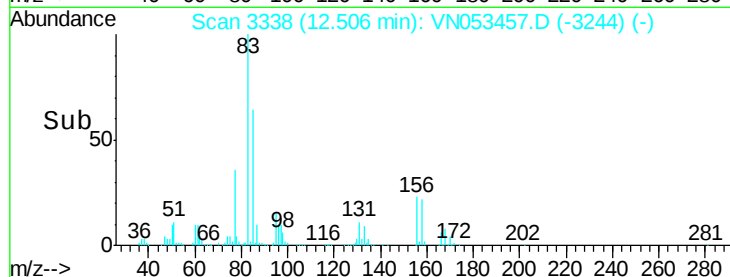
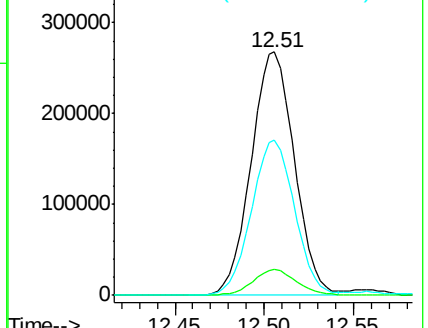
85 63.8 32.1 96.3



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: 83.324 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053457.D

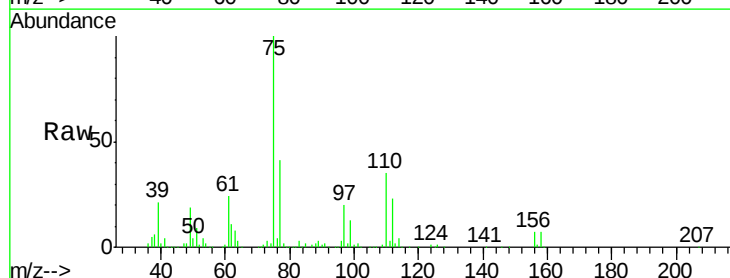
Acq: 18 Jan 2019 1:21

Tgt Ion: 75 Resp: 606073

Ion Ratio Lower Upper

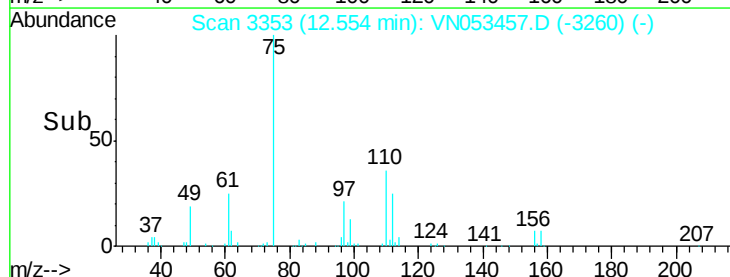
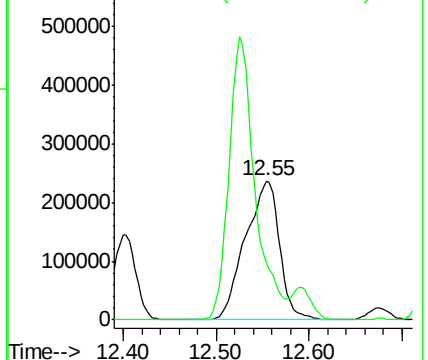
75 100

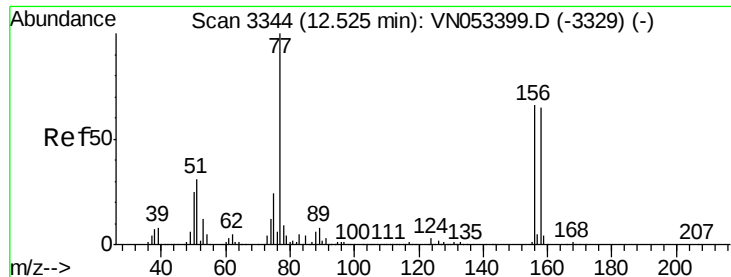
77 0.0 0.0 0.0



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

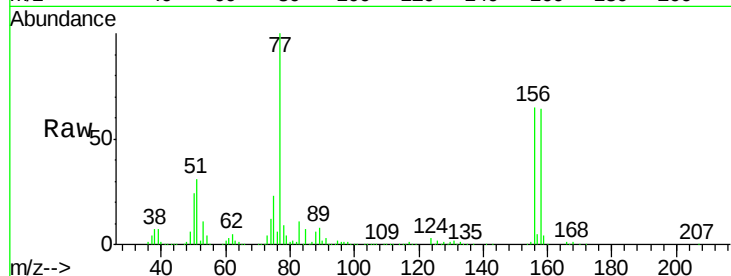
Delta R.T. -0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

Tot Ion:156 Resp: 535788

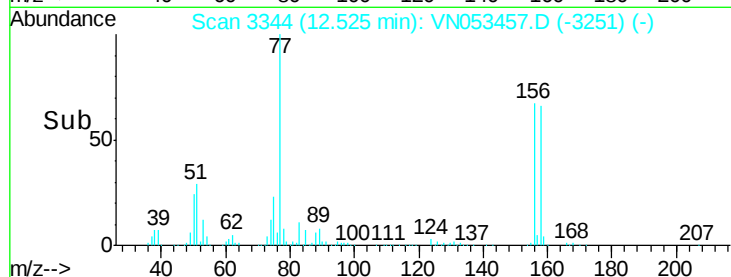
Ion	Ratio	Lower	Upper
156	100		
77	175.8	87.9	263.8
158	97.1	48.8	146.4



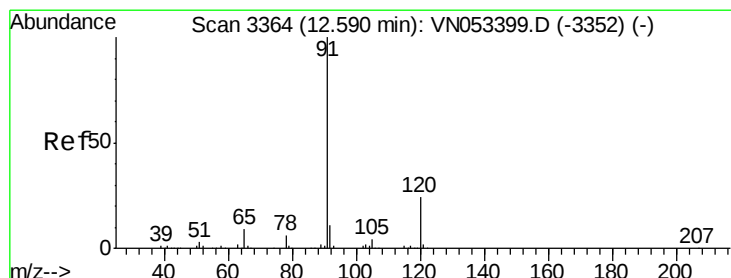
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 49.941 ug/l

RT: 12.59 min Scan# 3365

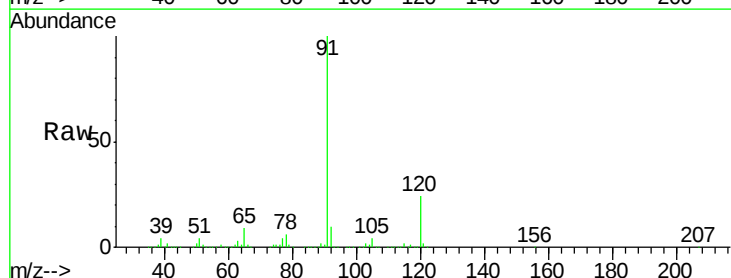
Delta R.T. 0.00 min

Lab File: VN053457.D

Acq: 18 Jan 2019 1:21

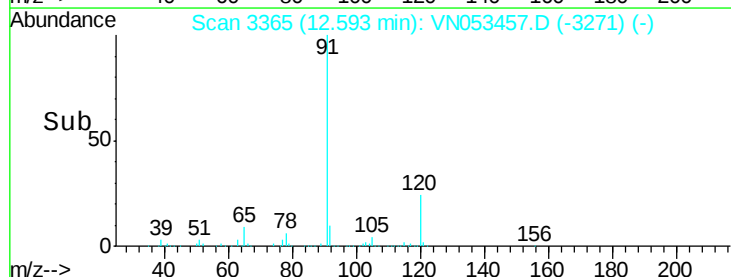
Tgt Ion: 91 Resp: 2317127

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5

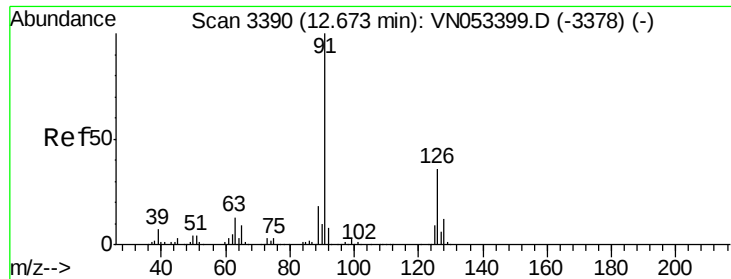


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: 49.209 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053457.D

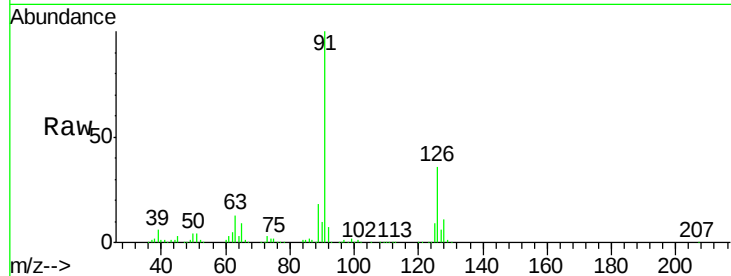
Acq: 18 Jan 2019 1:21

Tot Ion: 91 Resp: 1353321

Ion Ratio Lower Upper

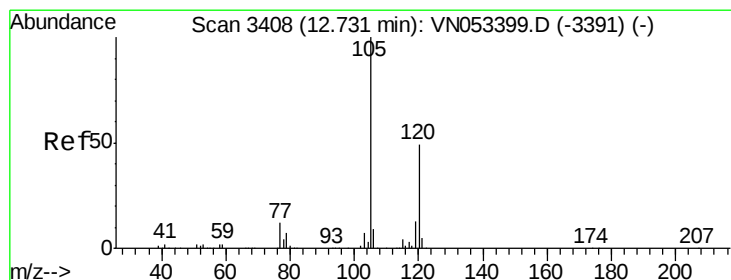
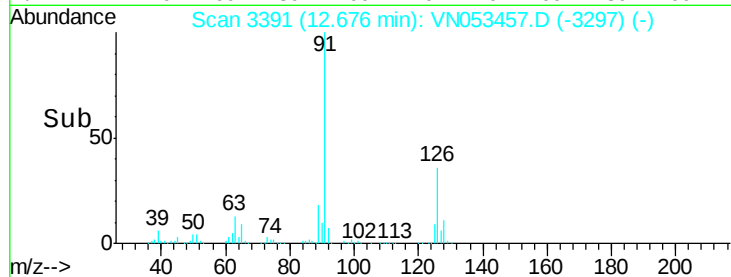
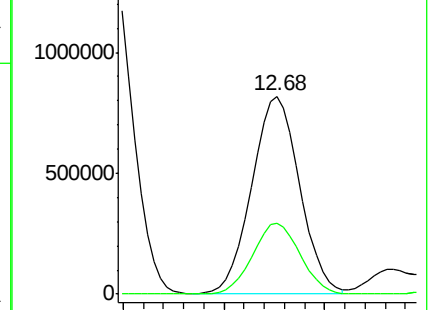
91 100

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) (-)



#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

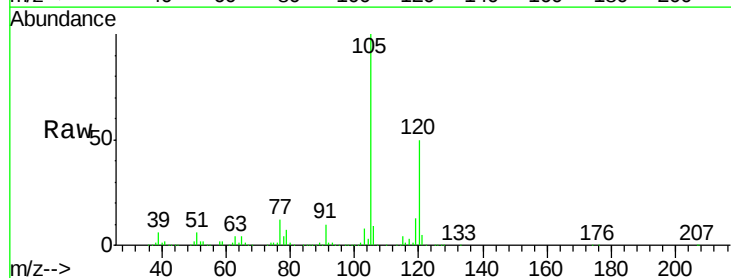
Acq: 18 Jan 2019 1:21

Tgt Ion: 105 Resp: 1653904

Ion Ratio Lower Upper

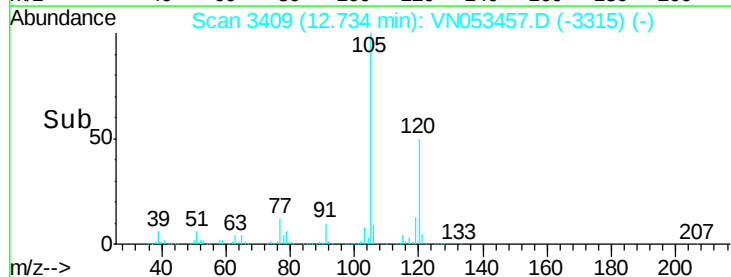
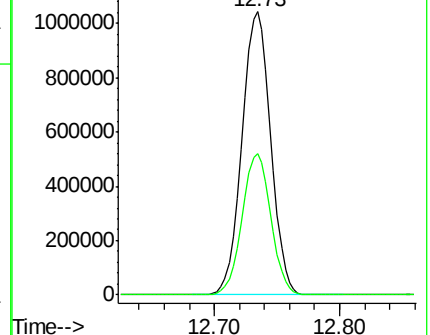
105 100

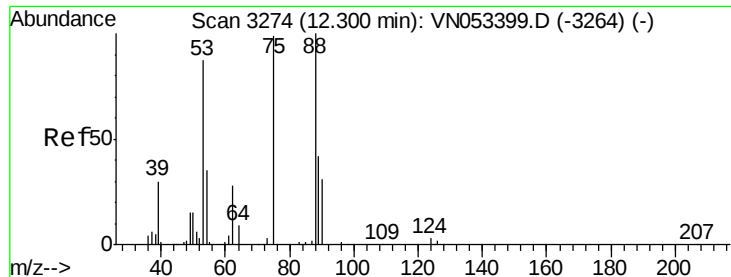
120 49.8 24.9 74.6



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

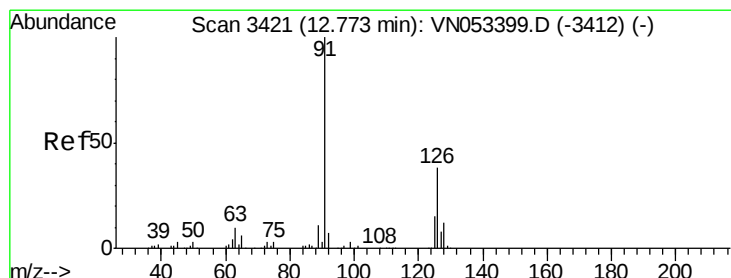
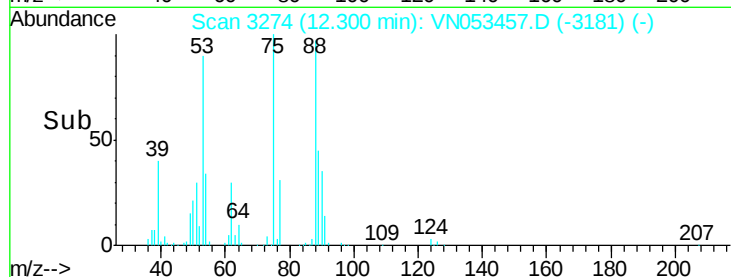
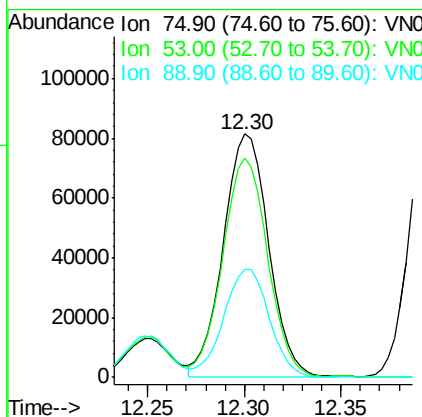
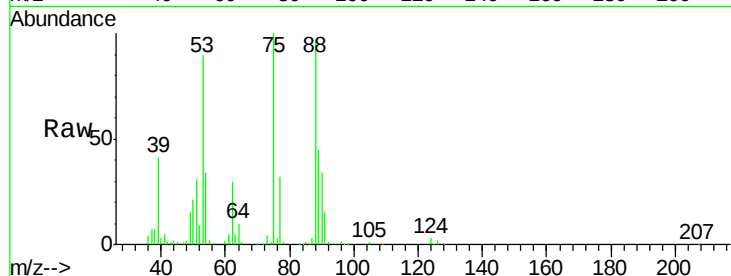
Ion 120.00 (119.70 to 120.70): VN053399.D (-3391) (-)





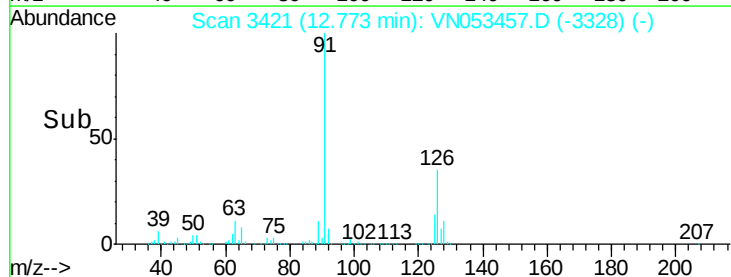
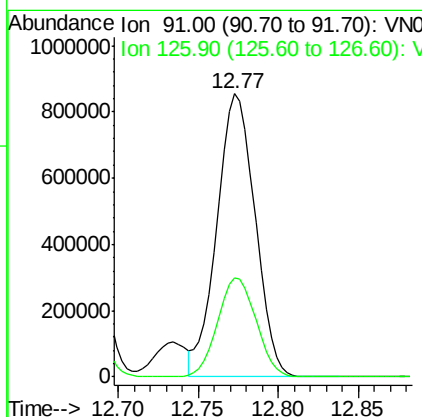
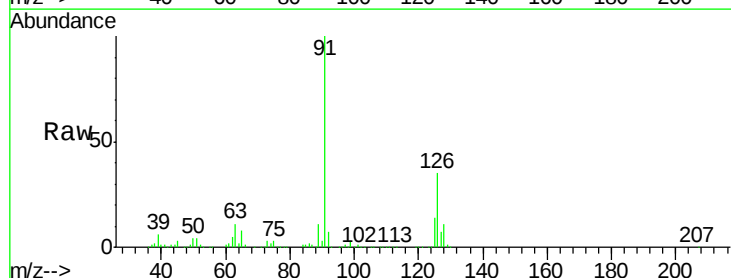
#81
trans-1,4-Dichloro-2-butene
Concen: 46.445 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

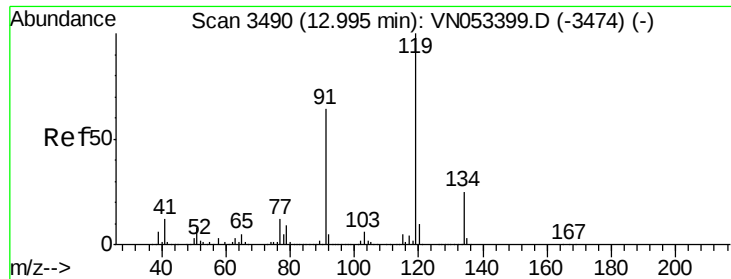
Tot Ion	Ratio	Lower	Upper
75	100		
53	88.7	69.8	104.6
89	44.8	35.6	53.4



#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

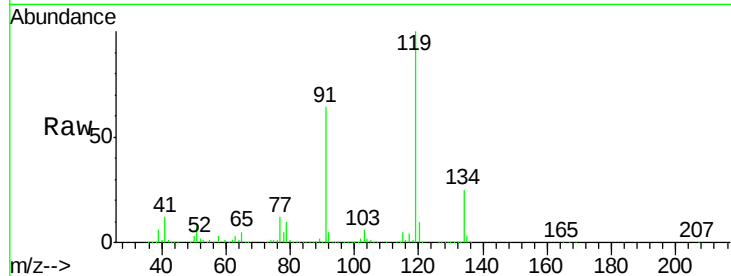
Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.6	52.9



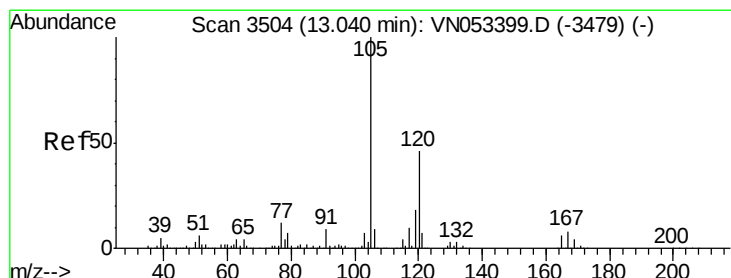
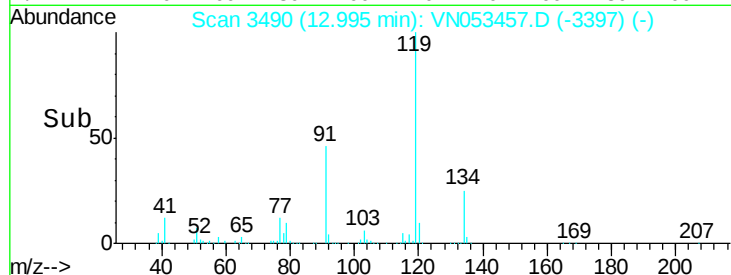
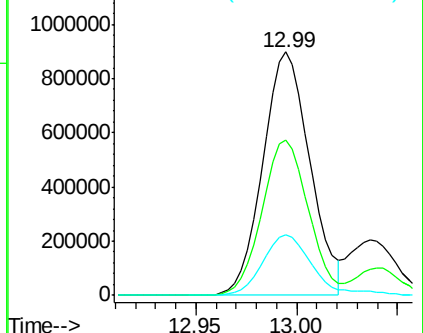


#83
tert-Butylbenzene
Concen: 50.223 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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

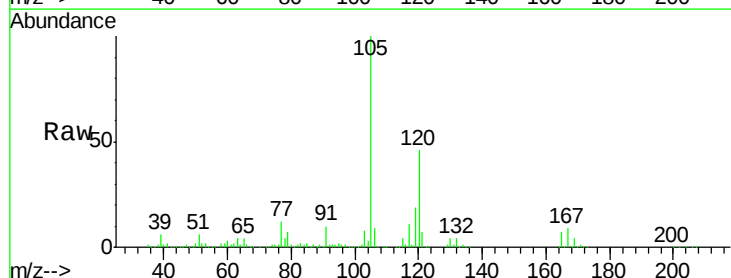


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

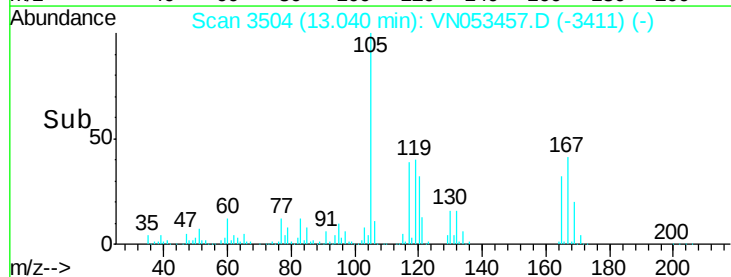
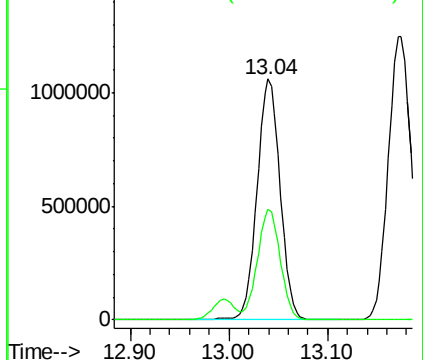


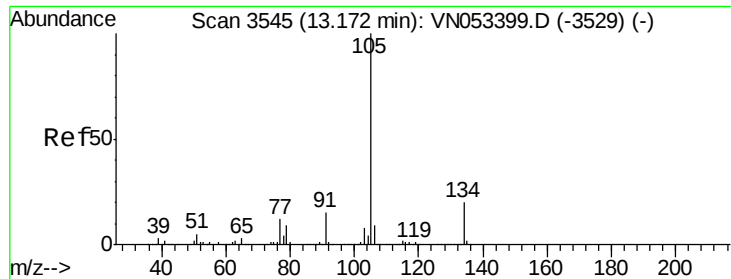
#84
1,2,4-Trimethylbenzene
Concen: 51.244 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

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

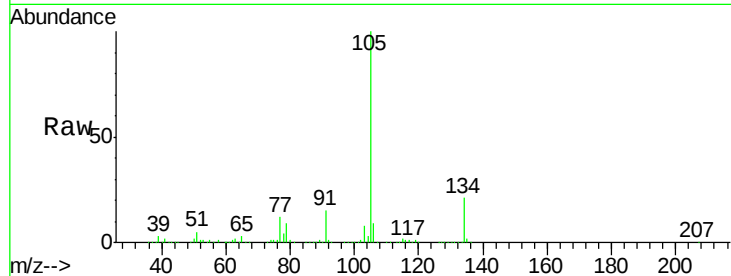
Acq: 18 Jan 2019 1:21

Tot Ion:105 Resp: 2003897

Ion Ratio Lower Upper

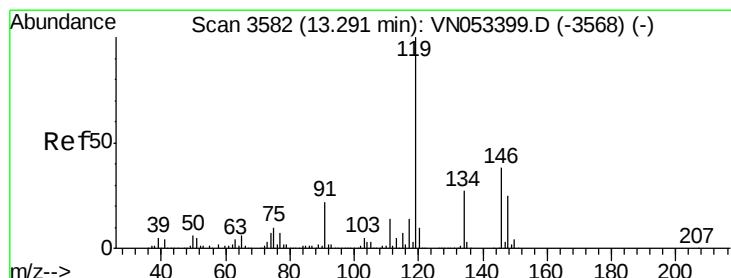
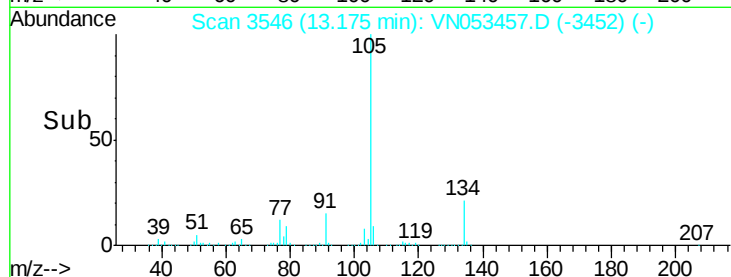
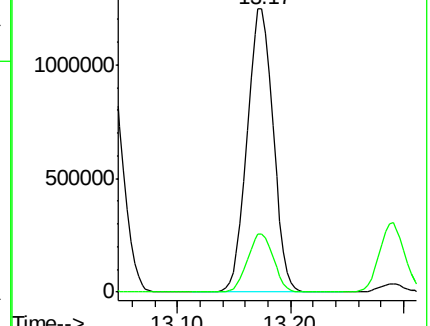
105 100

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

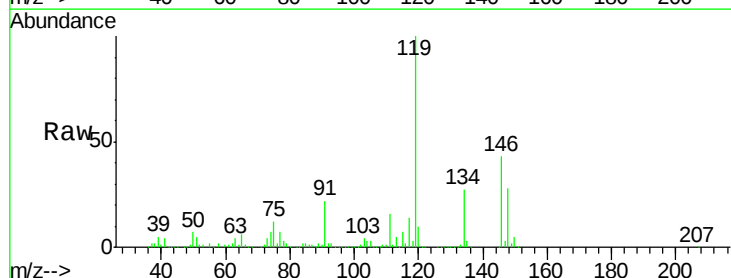
Tgt Ion:119 Resp: 1751106

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

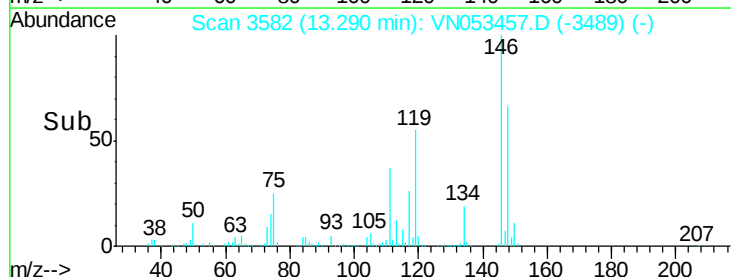
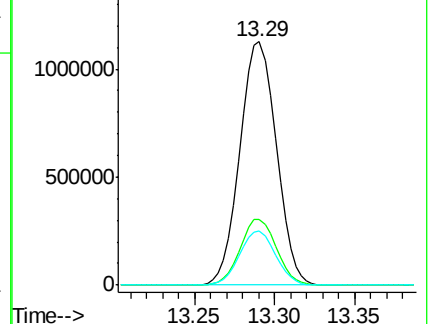
91 21.8 11.0 33.0



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

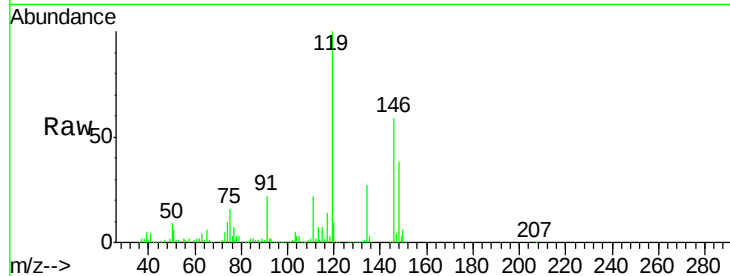
RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

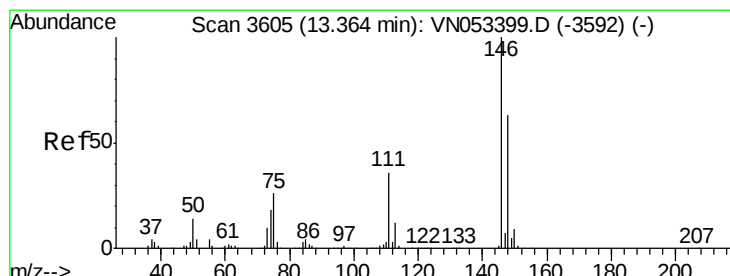
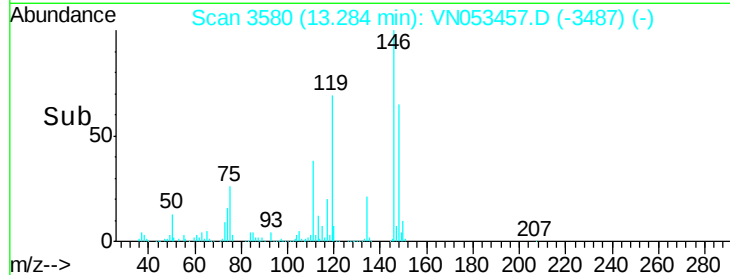
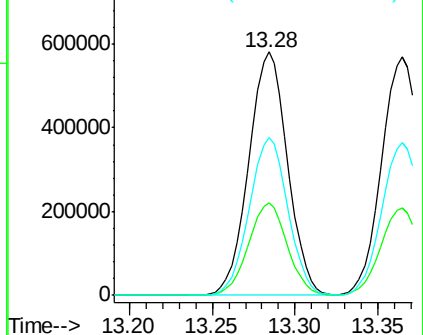
Lab File: VN053457.D

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

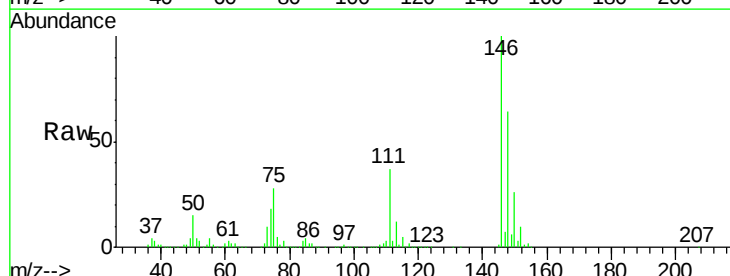
RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

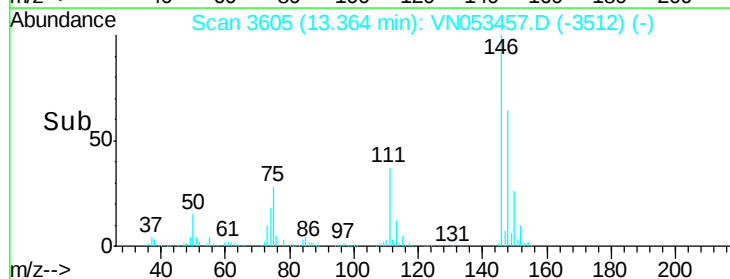
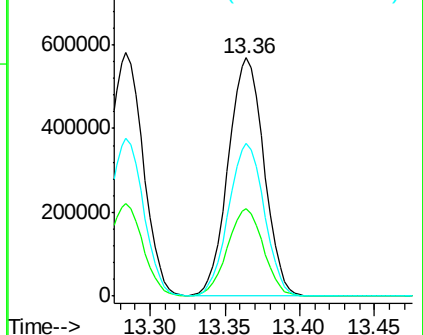
Lab File: VN053457.D

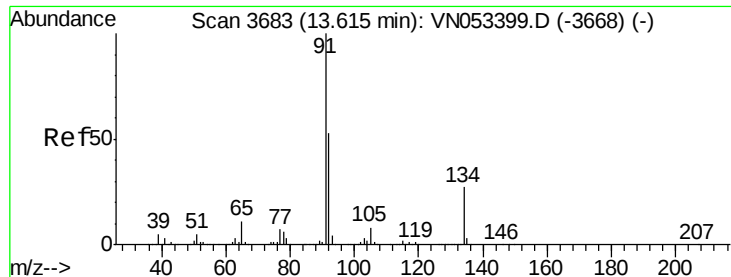
Acq: 18 Jan 2019 1:21

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



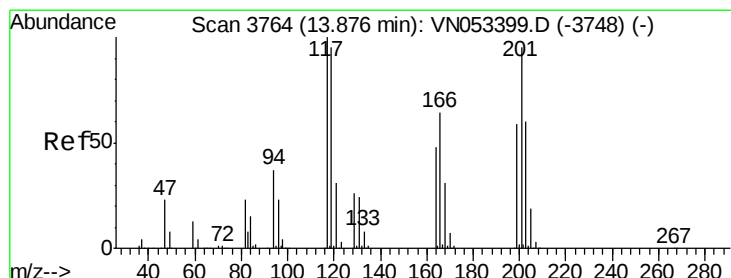
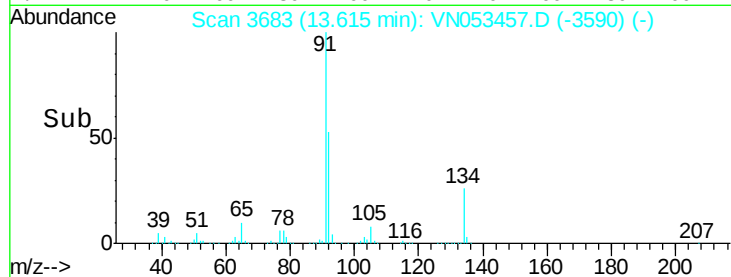
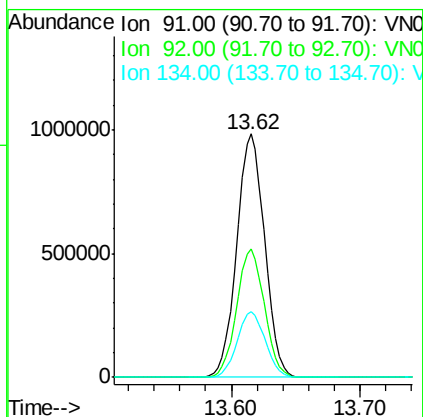
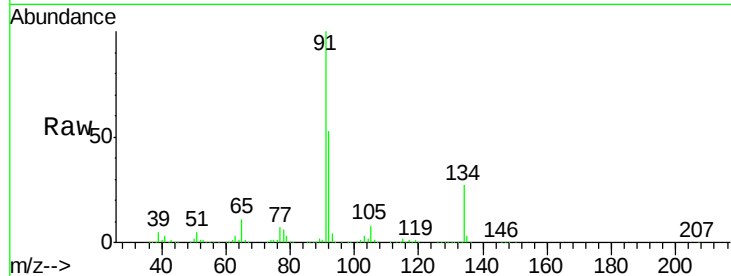
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





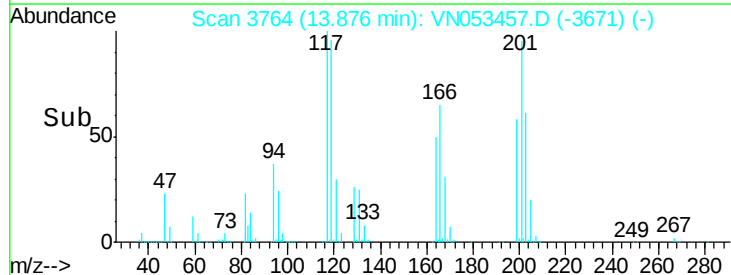
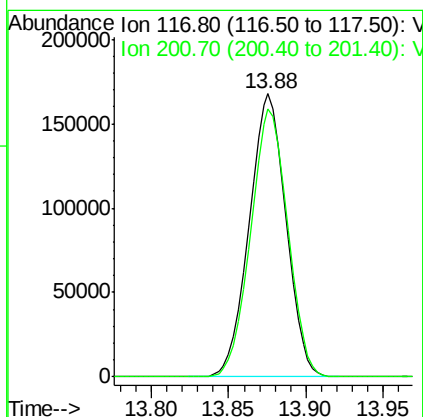
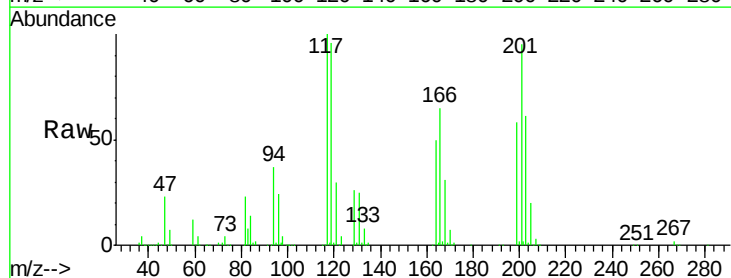
#89
n-Butylbenzene
Concen: 50.065 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053457.D
Acq: 18 Jan 2019 1:21

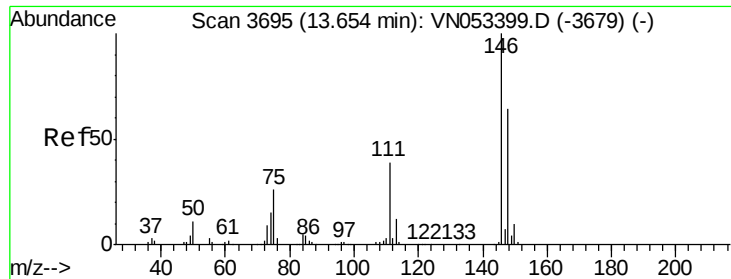
Tot Ion: 91 Resp: 1476100
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 27.1 13.5 40.5



#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

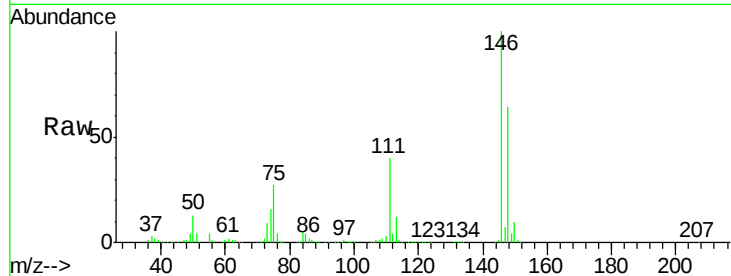
Tot Ion:146 Resp: 917159

Ion Ratio Lower Upper

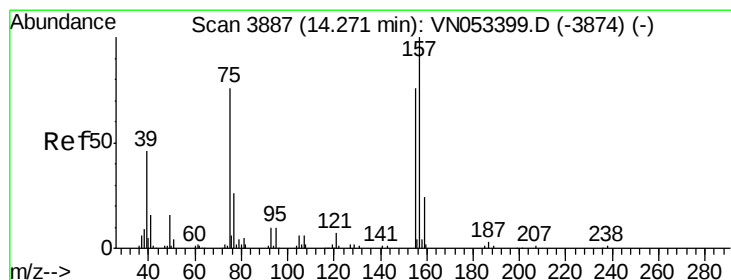
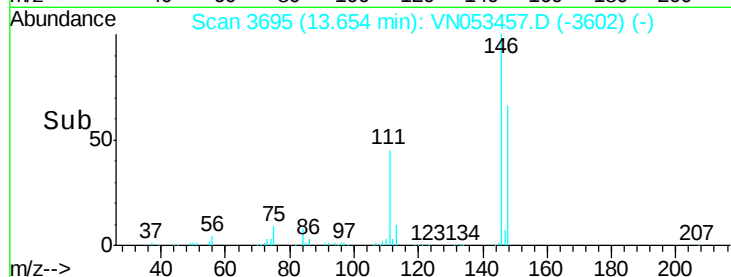
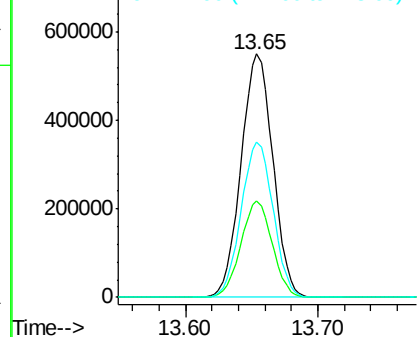
146 100

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

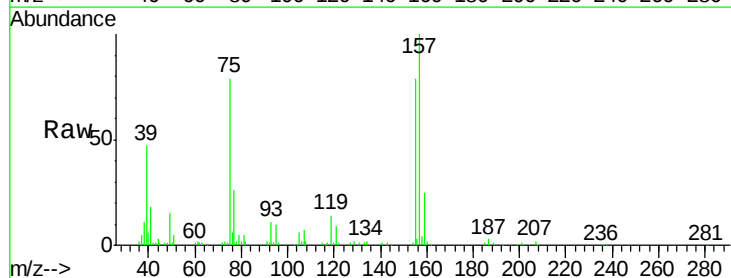
Tgt Ion: 75 Resp: 66142

Ion Ratio Lower Upper

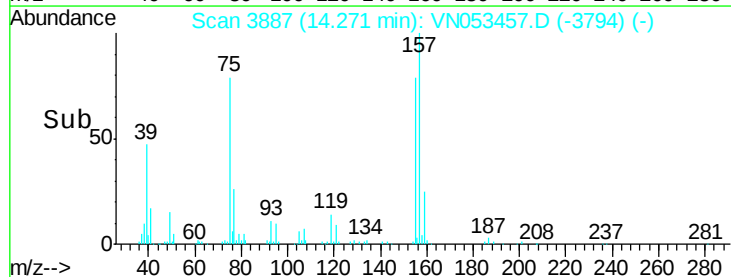
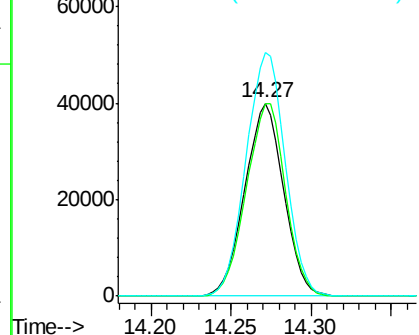
75 100

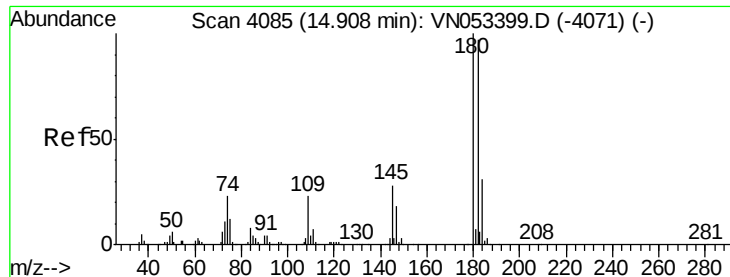
155 100.8 48.9 146.7

157 127.7 63.7 191.3



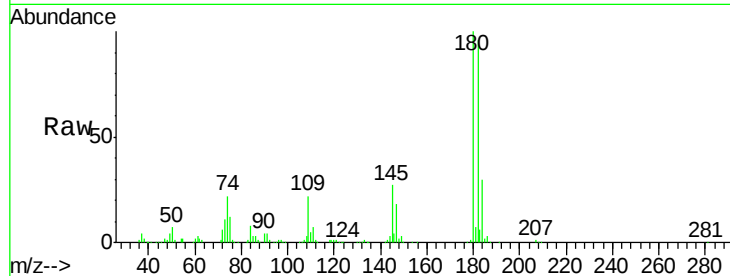
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



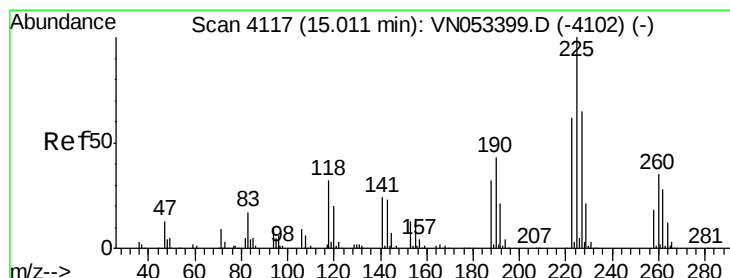
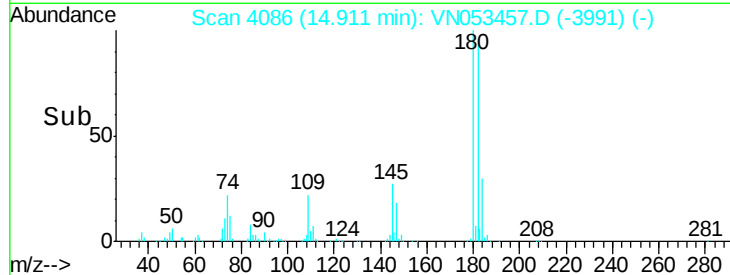
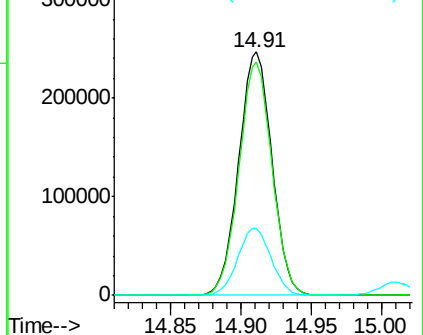


#93
 1,2,4-Trichlorobenzene
 Concen: 53.438 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

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

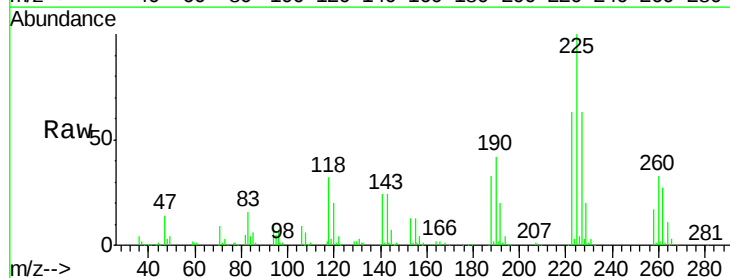


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

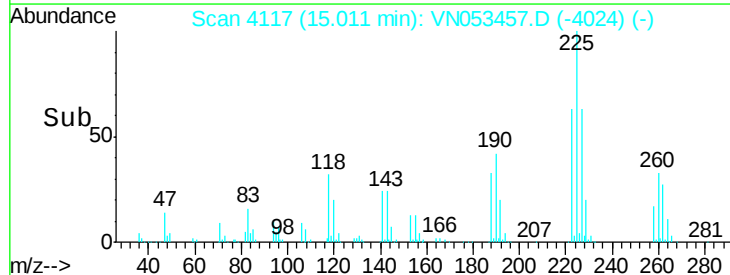
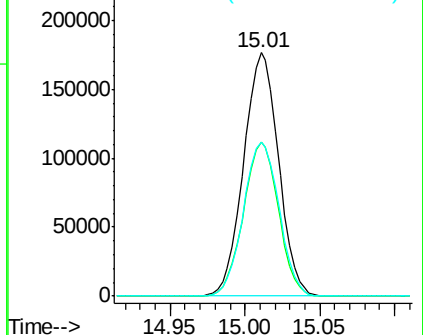


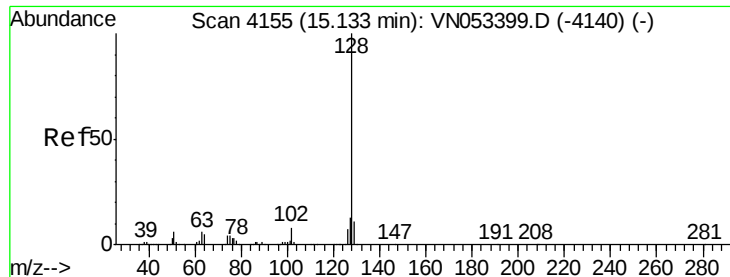
#94
 Hexachlorobutadiene
 Concen: 53.377 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN053457.D
 Acq: 18 Jan 2019 1:21

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

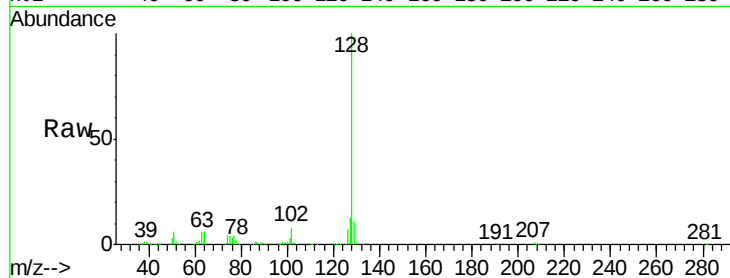
Tot Ion:128 Resp: 737695

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

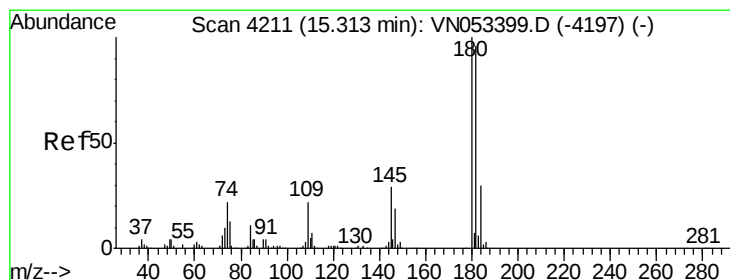
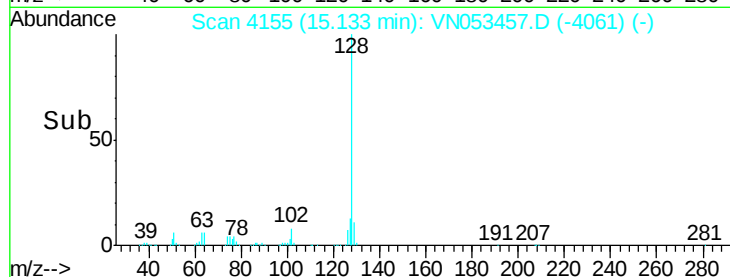
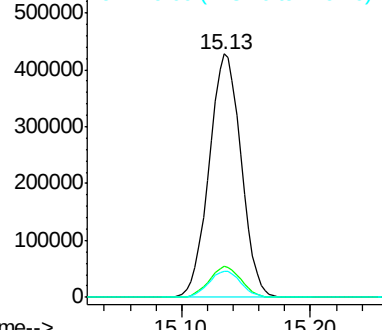
129 10.9 8.6 13.0



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

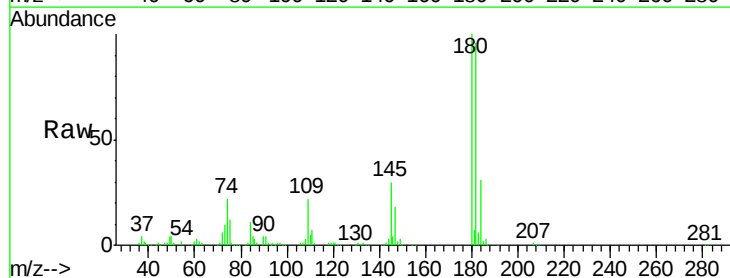
Tgt Ion:180 Resp: 307361

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

