

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054060.D
 Acq On : 4 Mar 2019 11:20
 Operator : JC/SP
 Sample : VN0304WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 04 23:33:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 01 11:11:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	112374	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	601607	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	526022	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	238896	30.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.90%
60) 4-Bromofluorobenzene	12.40	95	239228	29.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.03%
63) Toluene-d8	10.09	98	767298	30.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	124972	19.669	ug/l 97
3) Chloromethane	2.06	50	178721	21.146	ug/l 98
4) Vinyl Chloride	2.19	62	174041	20.564	ug/l 98
5) Bromomethane	2.57	94	106286	20.415	ug/l 99
6) Chloroethane	2.71	64	101160	20.302	ug/l 100
7) Trichlorofluoromethane	3.02	101	210568	20.478	ug/l 100
8) Diethyl Ether	3.41	74	78353	20.261	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	132573	20.054	ug/l 98
10) 1,1-Dichloroethene	3.74	96	126580	20.436	ug/l 98
11) Methyl Iodide	3.96	142	166746	18.149	ug/l 98
12) Methyl Acetate	4.33	43	111758	21.399	ug/l 100
13) Acrolein	3.61	56	45166	94.357	ug/l 97
14) Acrylonitrile	4.99	53	260862	103.942	ug/l 97
15) Acetone	3.81	58	74970	103.656	ug/l 97
16) Carbon Disulfide	4.06	76	403112	20.059	ug/l 100
17) Allyl chloride	4.33	41	230369	21.030	ug/l 98
18) Methylene Chloride	4.55	84	151816	21.225	ug/l 99
19) trans-1,2-Dichloroethene	5.05	96	137930	20.526	ug/l 94
20) Diisopropyl ether	5.95	45	447191	20.407	ug/l 98
21) 1,1-Dichloroethane	5.85	63	268625	20.756	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	153715	20.548	ug/l 96
23) tert-Butyl Alcohol	4.78	59	46465	103.367	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	343951	20.512	ug/l 99
25) Chloroform	7.37	83	260112	20.831	ug/l 100
26) Cyclohexane	7.65	56	234375	19.899	ug/l # 96
29) 1,1-Dichloropropene	7.79	75	189891	20.151	ug/l 99
30) 2-Butanone	6.84	43	309387	103.984	ug/l 99
31) 2,2-Dichloropropane	6.83	77	193585	20.834	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	214366	21.149	ug/l 99
33) Carbon Tetrachloride	7.78	117	185884	20.713	ug/l 99
34) Benzene	8.04	78	592570	21.159	ug/l 99
35) Methacrylonitrile	7.17	41	67367	20.249	ug/l 93
36) 1,2-Dichloroethane	8.12	62	190917	21.229	ug/l 100
37) Trichloroethene	8.84	130	150665	20.609	ug/l 98
38) Methylcyclohexane	9.08	83	218198	19.618	ug/l 99
39) 1,2-Dichloropropane	9.12	63	161515	21.052	ug/l 99
40) Dibromomethane	9.21	93	93012	21.147	ug/l 99

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 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 04 23:33:40 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri Mar 01 11:11:48 2019

Response via : Initial Calibration

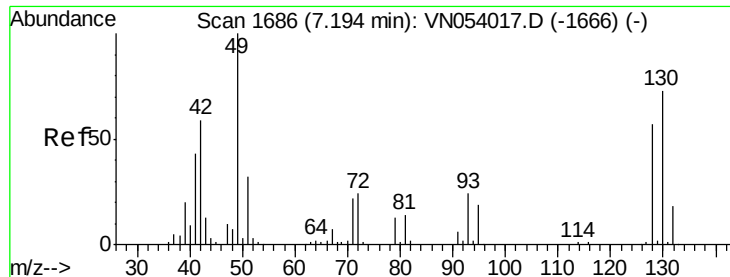
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	195659	20.966	ug/l	98
42) Vinyl Acetate	5.90	43	1574671	102.442	ug/l	100
43) Ethyl Acetate	6.84	43	309387	49.644	ug/l	100
44) Isopropyl Acetate	8.16	43	223451	20.433	ug/l	95
45) 1,4-Dioxane	9.20	88	28851	448.152	ug/l	98
46) Methyl methacrylate	9.20	41	103675	19.737	ug/l	97
47) n-amyl Acetate	12.07	43	161554	20.111	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	183248	19.584	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	221912	20.197	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	131168	21.260	ug/l	99
51) Ethyl methacrylate	10.43	69	146423	19.714	ug/l	99
52) 1,3-Dichloropropane	10.71	76	222697	21.031	ug/l	98
53) Dibromochloromethane	10.90	129	141094	20.812	ug/l	99
54) 1,2-Dibromoethane	11.00	107	123548	21.022	ug/l	96
55) 2-Chloroethyl vinyl ether	9.70	63	337853	98.023	ug/l	99
56) Bromoform	12.13	173	90503	20.105	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	630714	106.409	ug/l	96
59) 2-Hexanone	10.75	43	397448	102.631	ug/l	97
61) Tetrachloroethene	10.63	164	147663	20.193	ug/l	98
62) Toluene	10.16	91	616941	20.986	ug/l	100
64) Chlorobenzene	11.43	112	363869	20.327	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	137070	20.853	ug/l	99
66) Ethyl Benzene	11.51	91	622673	20.263	ug/l	99
67) m/p-Xylenes	11.62	106	485053	41.925	ug/l	100
68) o-Xylene	11.95	106	232591	20.739	ug/l	100
69) Styrene	11.96	104	369800	20.824	ug/l	100
70) Isopropylbenzene	12.25	105	615030	20.894	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	150238	20.679	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	128191m	23.238	ug/l	
73) Bromobenzene	12.53	156	151888	20.467	ug/l	100
74) n-propylbenzene	12.59	91	714534	20.385	ug/l	100
75) 2-Chlorotoluene	12.68	91	424716	20.692	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	514264	20.625	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	37997	19.356	ug/l	97
78) 4-Chlorotoluene	12.77	91	416879	20.297	ug/l	99
79) tert-butylbenzene	12.99	119	450293	20.610	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	516750	20.823	ug/l	99
81) sec-Butylbenzene	13.17	105	607645	20.278	ug/l	99
82) p-Isopropyltoluene	13.29	119	514822	20.121	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	262143	20.026	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	245879	19.674	ug/l	100
85) n-Butylbenzene	13.62	91	415851	18.648	ug/l	99
86) Hexachloroethane	13.87	117	94552	19.766	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	256772	20.226	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	22241	21.159	ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	112268	17.407	ug/l	99
90) Hexachlorobutadiene	15.01	225	85398	18.225	ug/l	99
91) Naphthalene	15.13	128	223882	19.695	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	114832	18.030	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

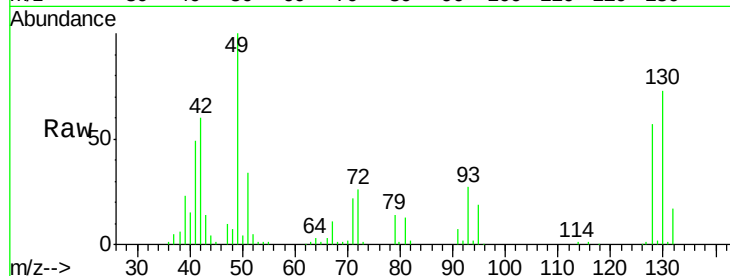
Tot Ion:128 Resp: 112374

Ion Ratio Lower Upper

128 100

49 177.1 0.0 431.8

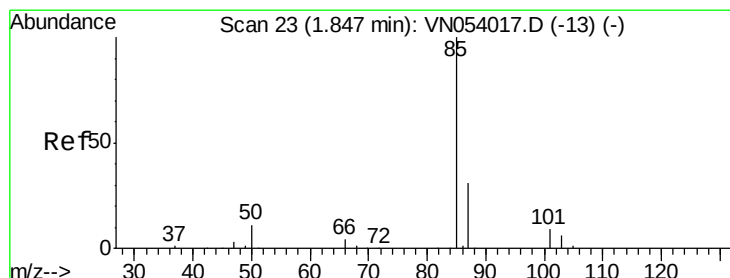
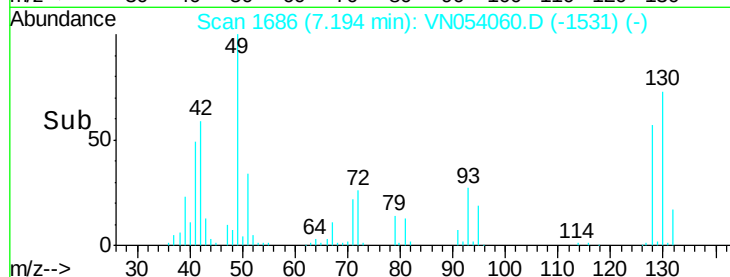
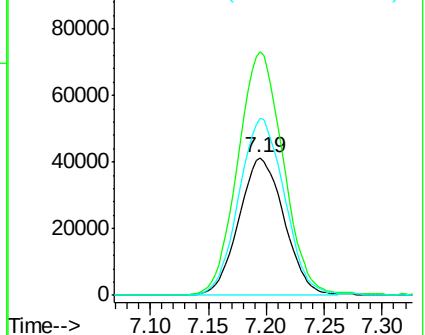
130 129.5 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.669 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054060.D

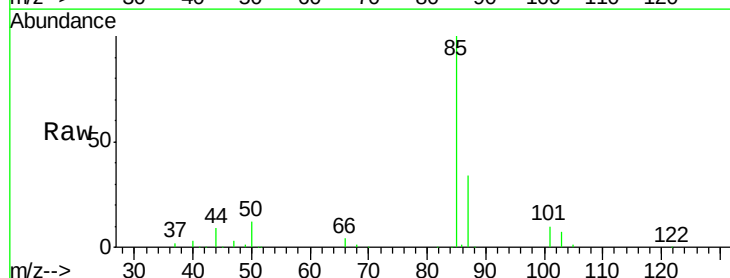
Acq: 4 Mar 2019 11:20

Tgt Ion: 85 Resp: 124972

Ion Ratio Lower Upper

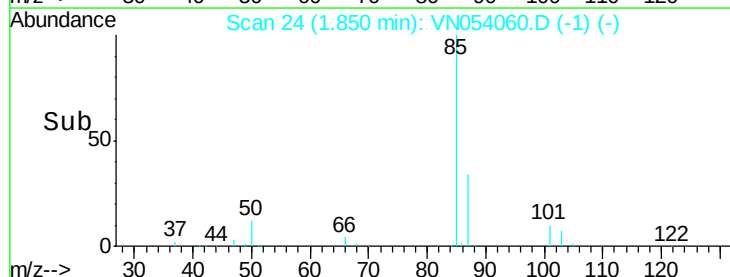
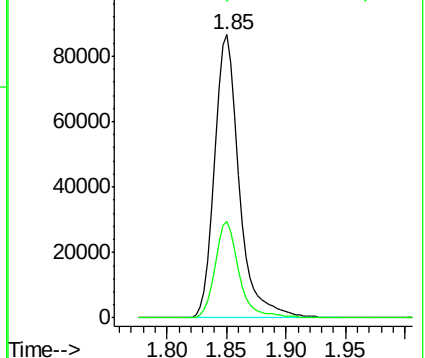
85 100

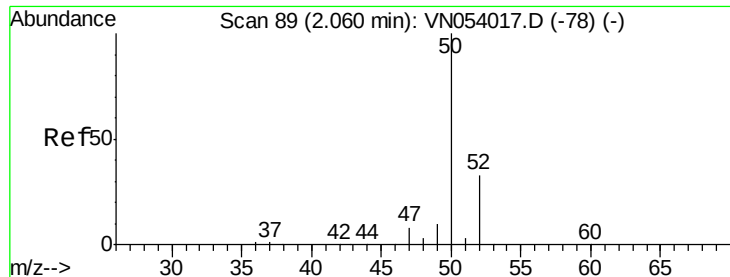
87 34.1 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 21.146 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054060.D

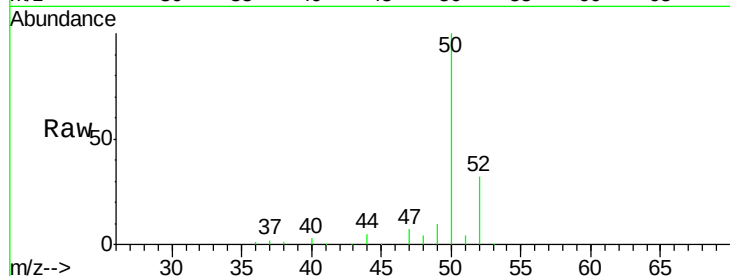
Acq: 4 Mar 2019 11:20

Tot Ion: 50 Resp: 178721

Ion Ratio Lower Upper

50 100

52 32.1 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.06

120000

100000

80000

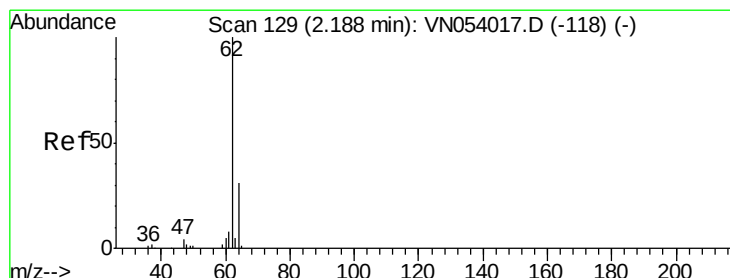
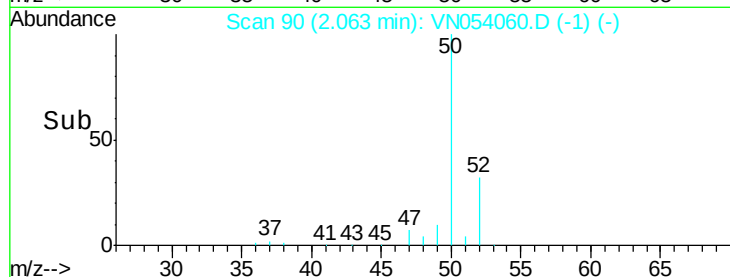
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 20.564 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054060.D

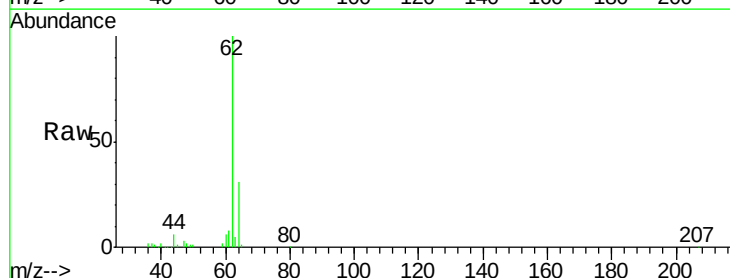
Acq: 4 Mar 2019 11:20

Tgt Ion: 62 Resp: 174041

Ion Ratio Lower Upper

62 100

64 31.3 24.2 36.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

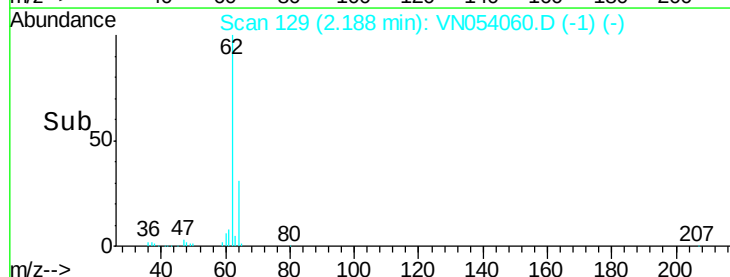
2.19

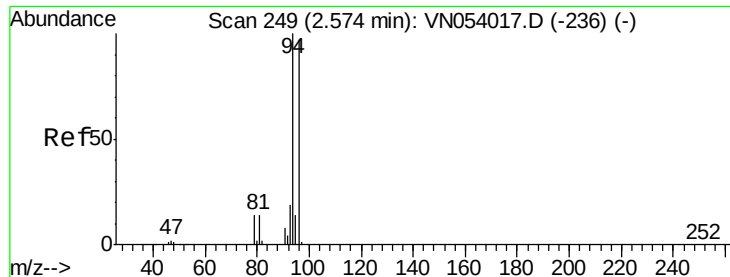
100000

50000

0

Time-->





#5

Bromomethane

Concen: 20.415 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN054060.D

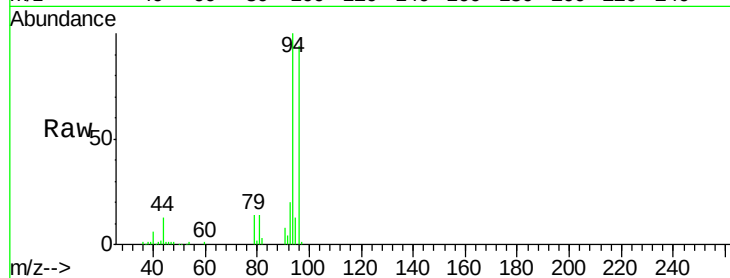
Acq: 4 Mar 2019 11:20

Tot Ion: 94 Resp: 106286

Ion Ratio Lower Upper

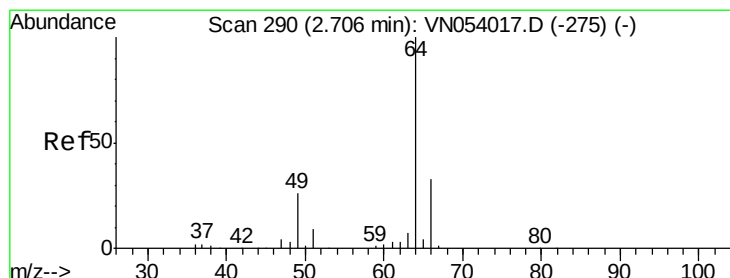
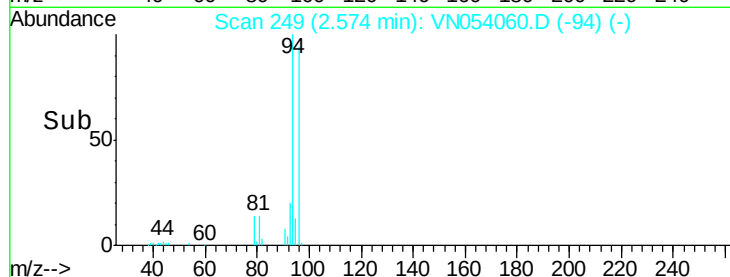
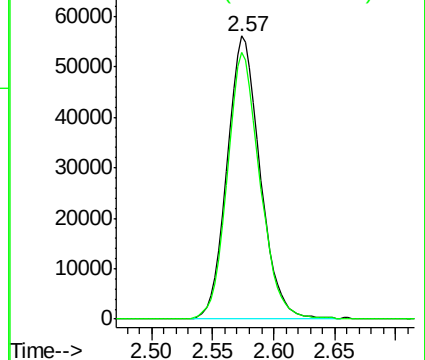
94 100

96 94.0 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 20.302 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN054060.D

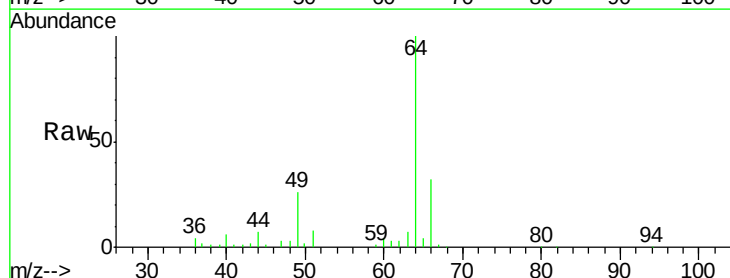
Acq: 4 Mar 2019 11:20

Tgt Ion: 64 Resp: 101160

Ion Ratio Lower Upper

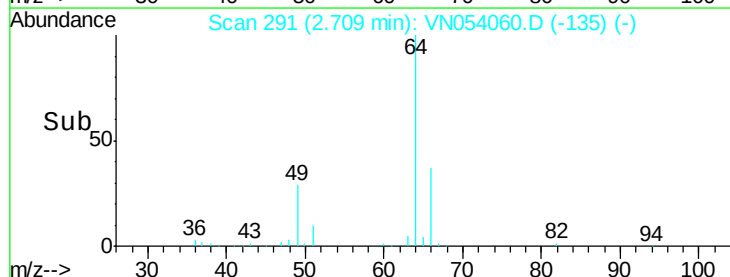
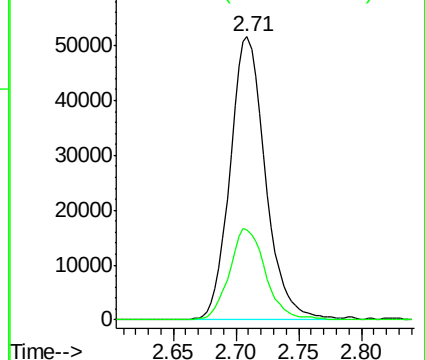
64 100

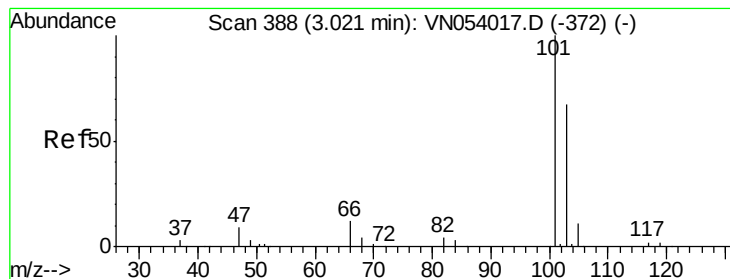
66 32.0 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

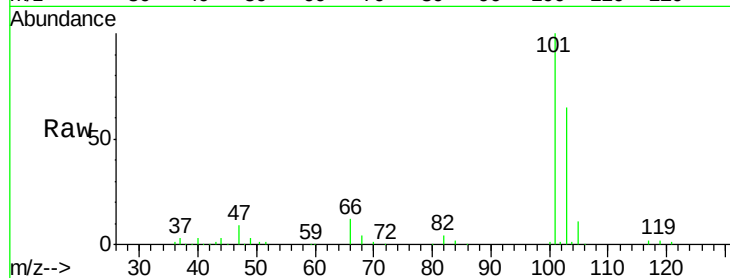




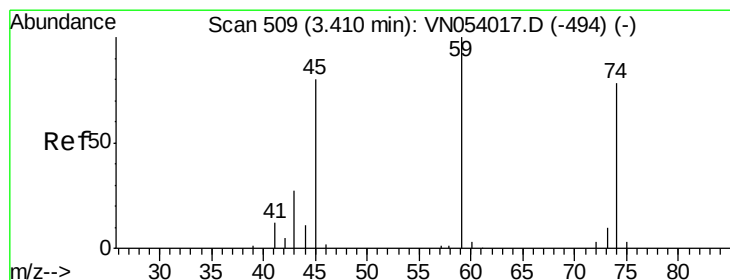
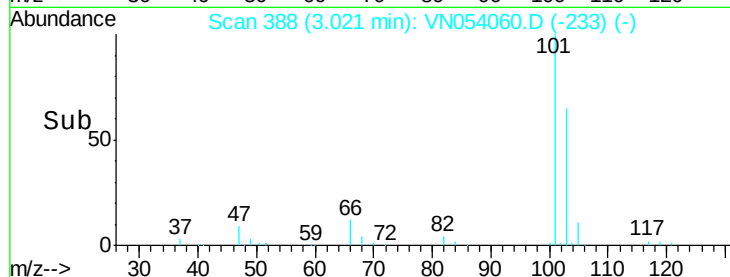
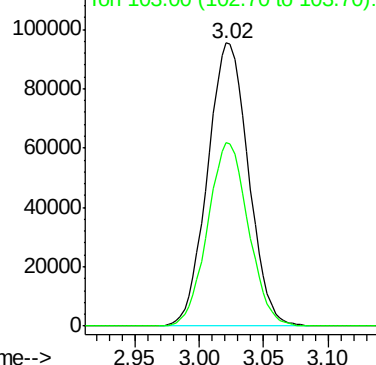
#7

Trichlorofluoromethane
Concen: 20.478 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tot Ion:101 Resp: 210568
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1



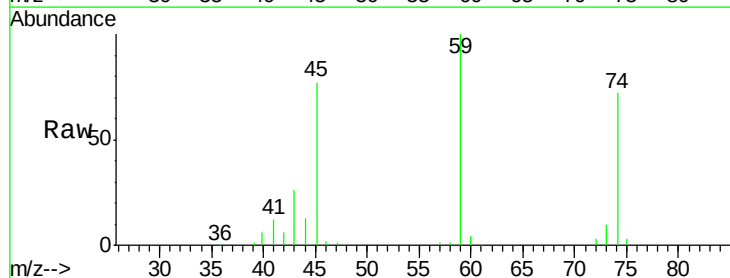
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



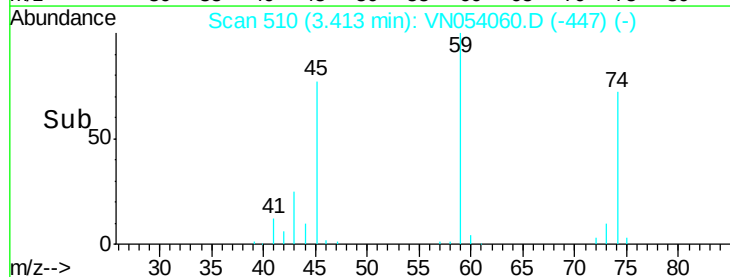
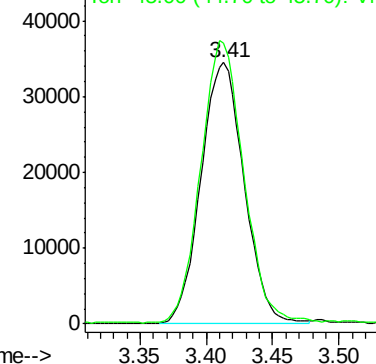
#8

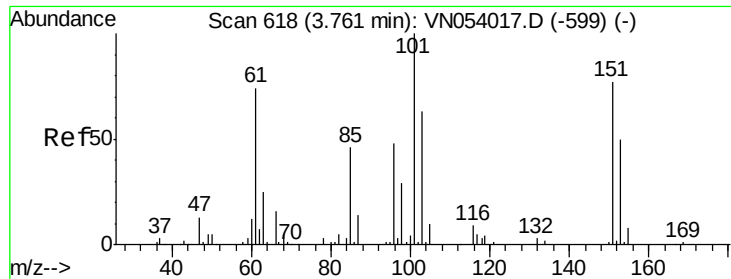
Diethyl Ether
Concen: 20.261 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tgt Ion: 74 Resp: 78353
Ion Ratio Lower Upper
74 100
45 106.1 20.6 185.8



Abundance Ion 74.00 (73.70 to 74.70): VN0
Ion 45.00 (44.70 to 45.70): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.054 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

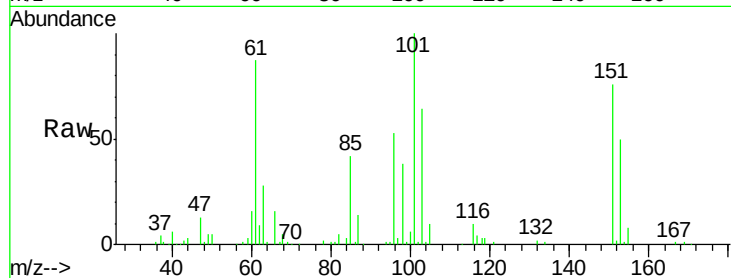
Tot Ion: 101 Resp: 132573

Ion Ratio Lower Upper

101 100

85 42.5 0.0 82.6

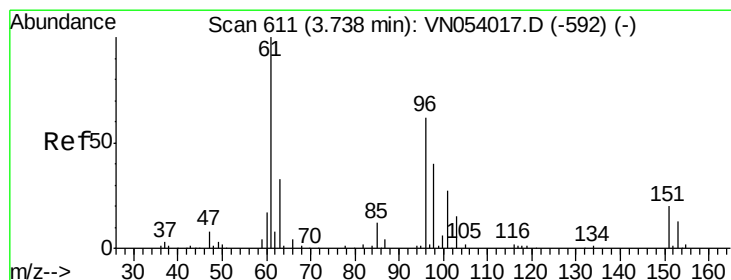
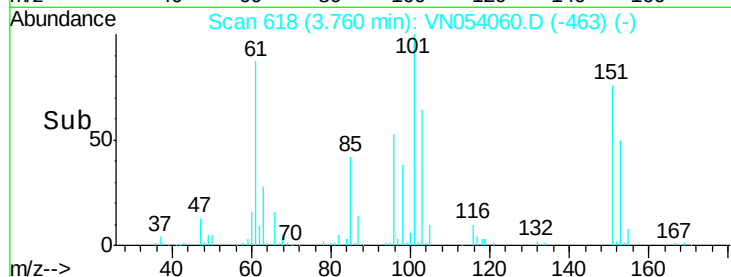
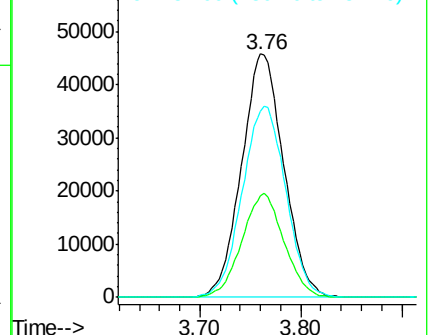
151 81.1 0.0 158.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.436 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

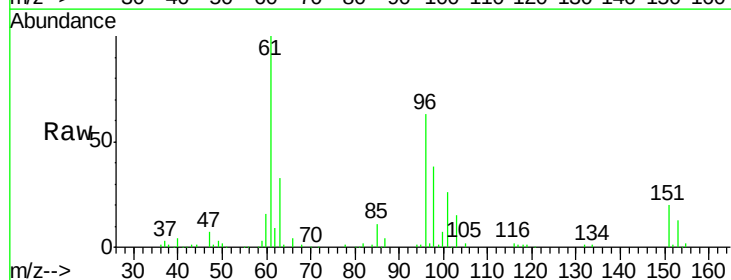
Tgt Ion: 96 Resp: 126580

Ion Ratio Lower Upper

96 100

61 159.0 129.4 194.2

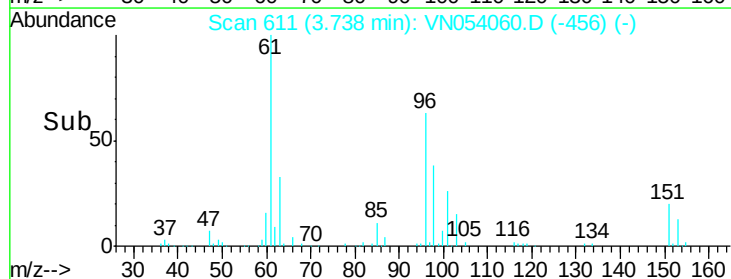
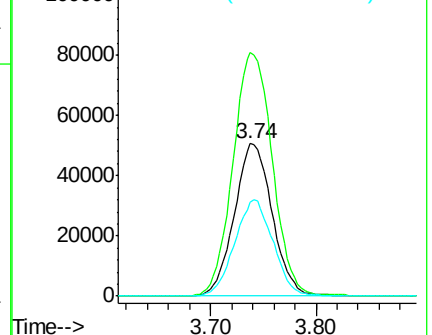
98 61.2 50.4 75.6

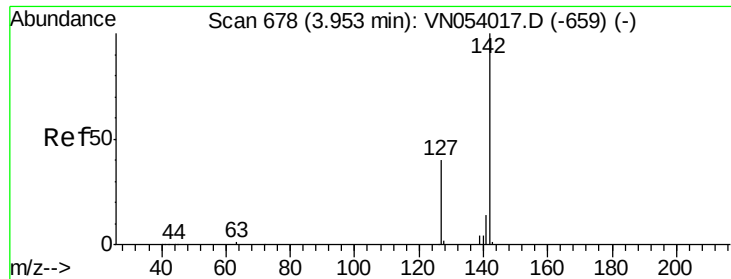


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

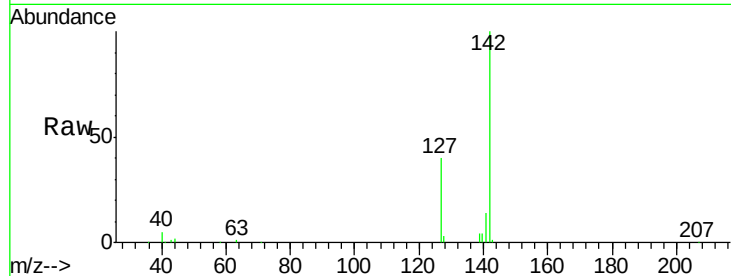
Ion 98.00 (97.70 to 98.70): VN0



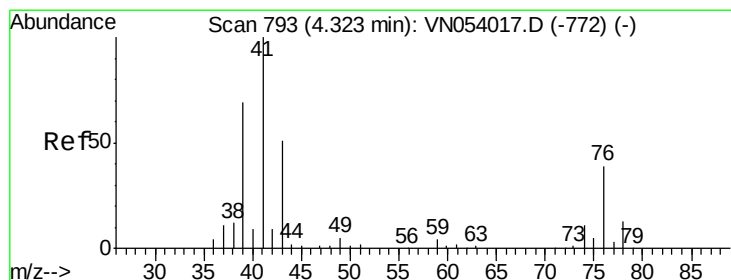
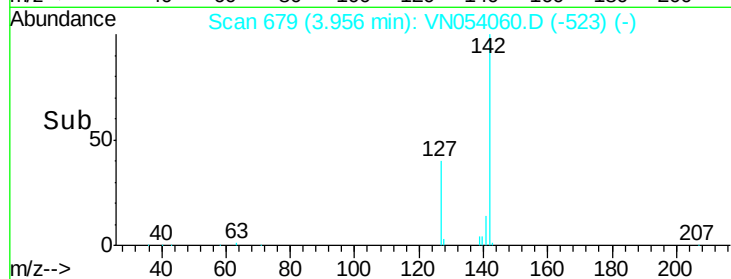
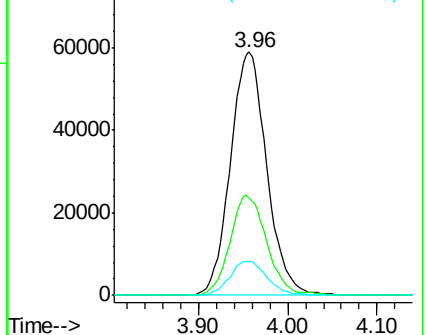


#11
Methvl Iodide
Concen: 18.149 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tot Ion:142 Resp: 166746
Ion Ratio Lower Upper
142 100
127 40.0 19.4 58.1
141 14.0 7.2 21.6

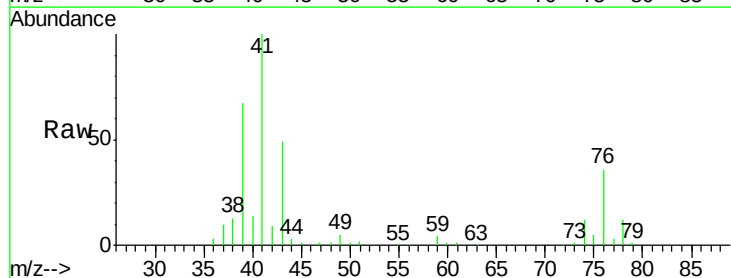


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

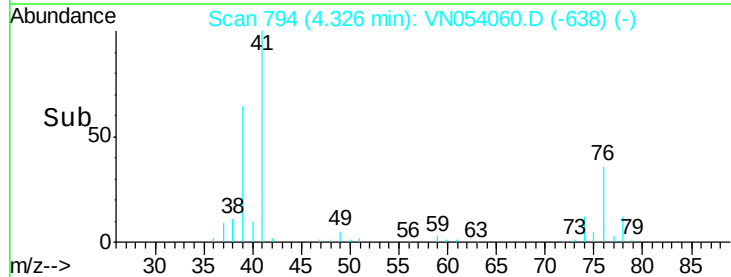
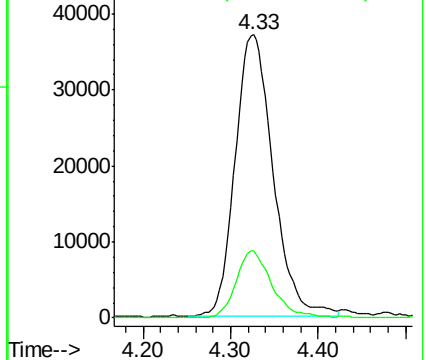


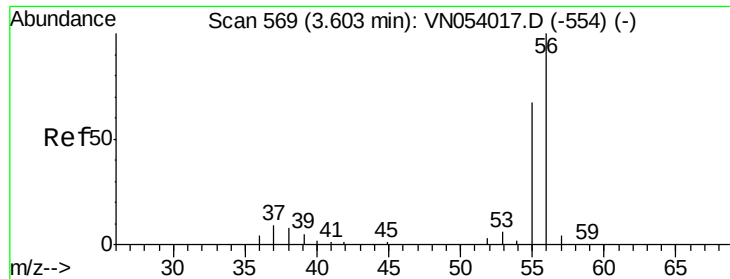
#12
Methyl Acetate
Concen: 21.399 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tgt Ion: 43 Resp: 111758
Ion Ratio Lower Upper
43 100
74 23.8 18.9 28.3



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





#13

Acrolein

Concen: 94.357 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN054060.D

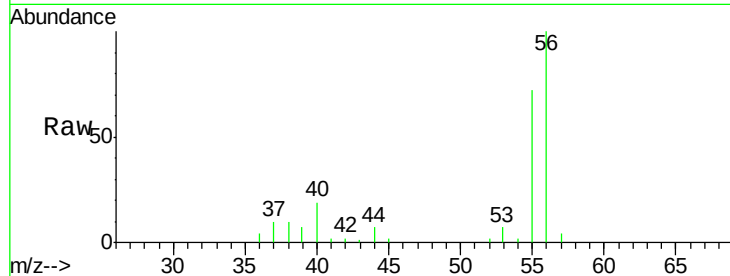
Acq: 4 Mar 2019 11:20

Tot Ion: 56 Resp: 45166

Ion Ratio Lower Upper

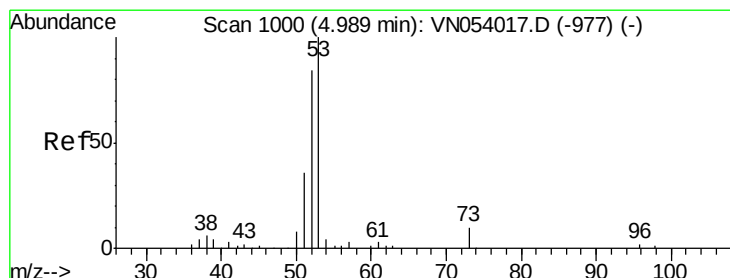
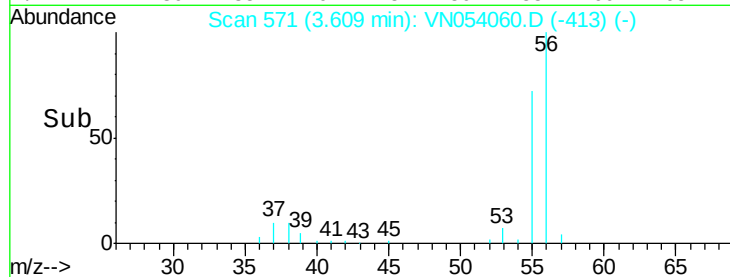
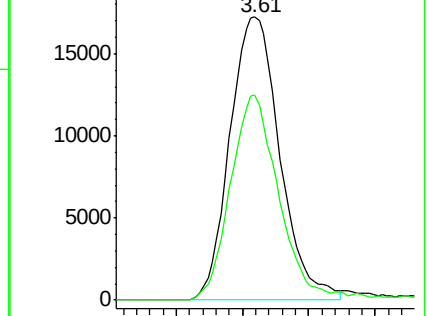
56 100

55 68.8 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 103.942 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

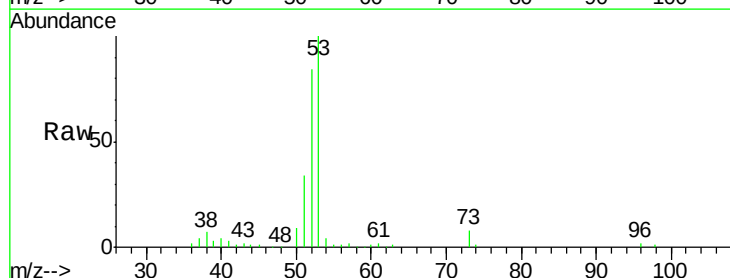
Tgt Ion: 53 Resp: 260862

Ion Ratio Lower Upper

53 100

52 82.9 39.9 119.7

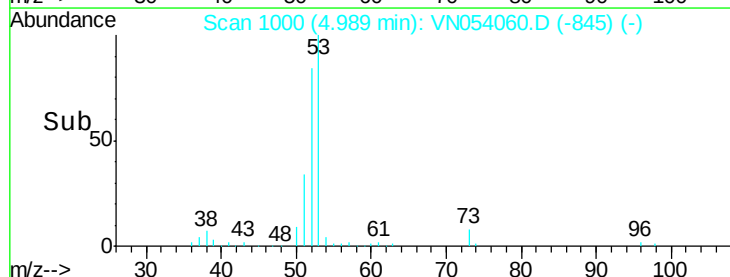
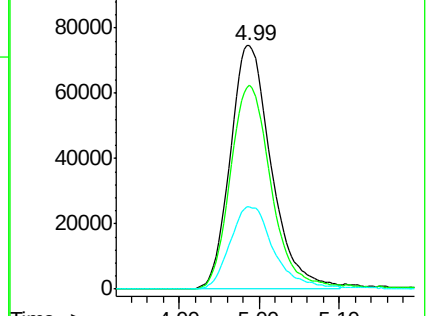
51 36.2 17.6 52.9

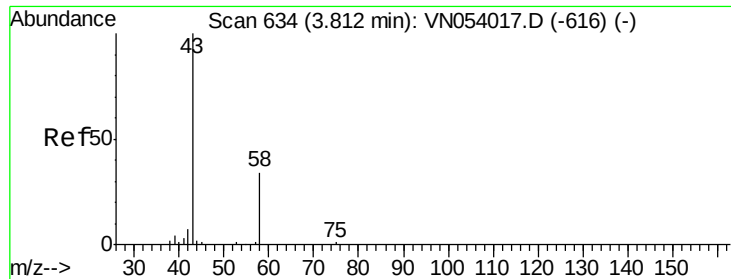


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 103.656 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN054060.D

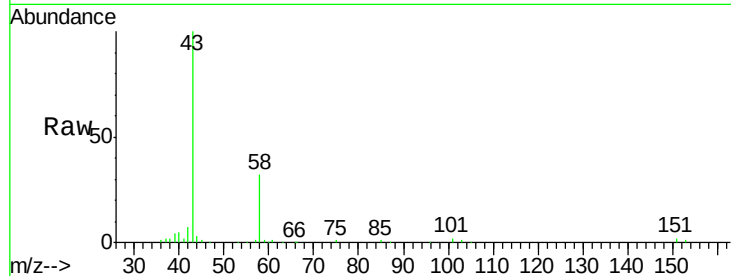
Acq: 4 Mar 2019 11:20

Tot Ion: 58 Resp: 74970

Ion Ratio Lower Upper

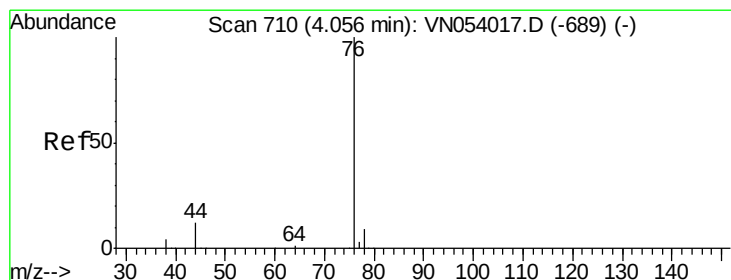
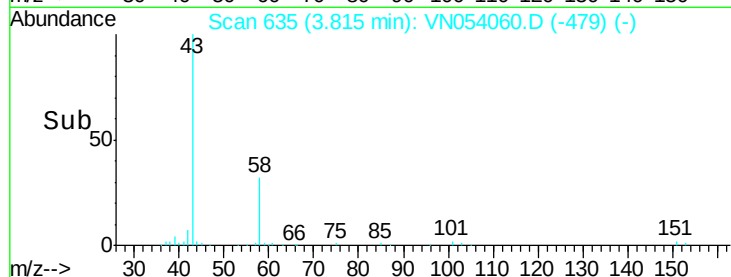
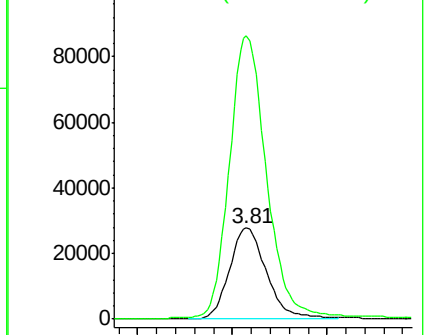
58 100

43 311.4 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VN054017.D (-616) (-)

Ion 43.00 (42.70 to 43.70): VN054017.D (-616) (-)



#16

Carbon Disulfide

Concen: 20.059 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN054060.D

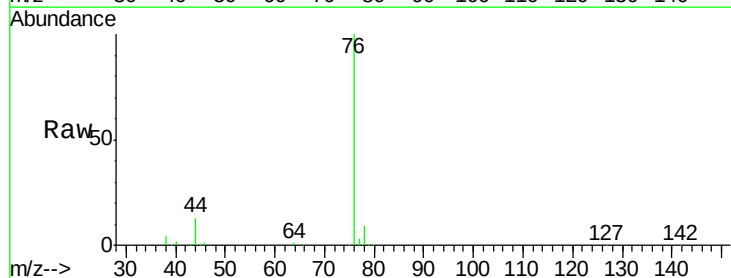
Acq: 4 Mar 2019 11:20

Tgt Ion: 76 Resp: 403112

Ion Ratio Lower Upper

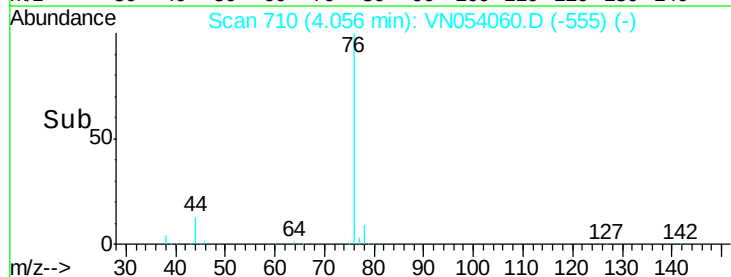
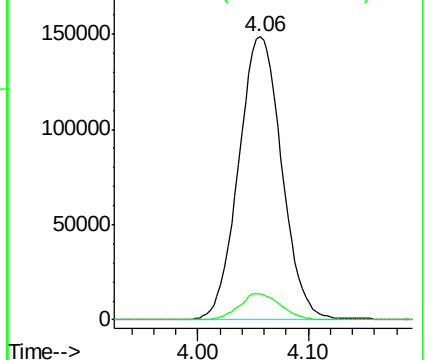
76 100

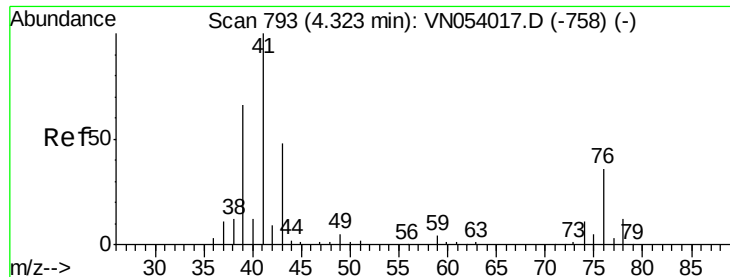
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN054017.D (-689) (-)

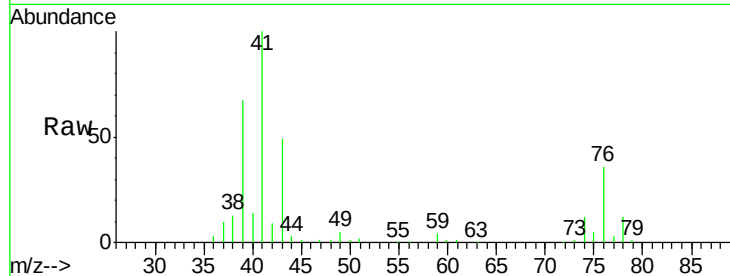
Ion 78.00 (77.70 to 78.70): VN054017.D (-689) (-)



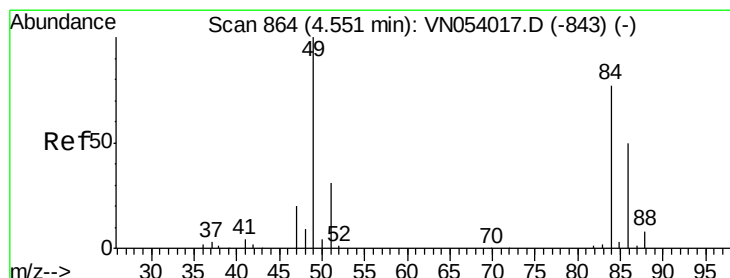
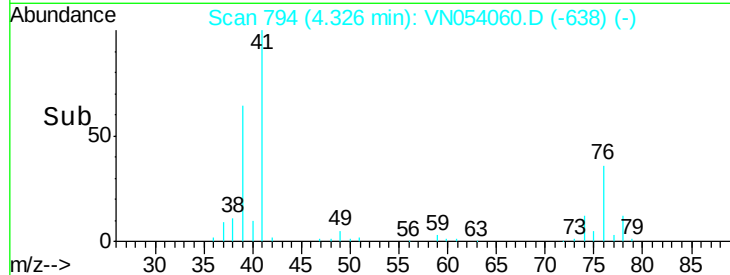
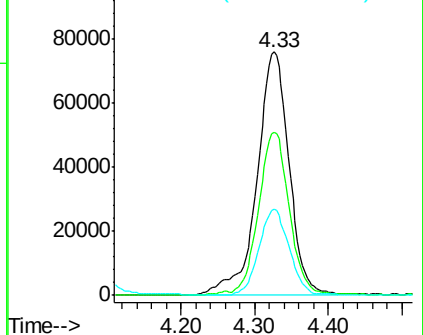


#17
Allvl chloride
Concen: 21.030 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tot Ion: 41 Resp: 230369
Ion Ratio Lower Upper
41 100
39 67.0 32.8 98.3
76 35.4 18.6 55.8

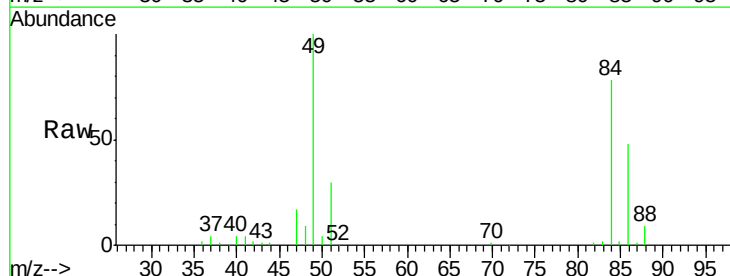


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 76.00 (75.70 to 76.70): VNC

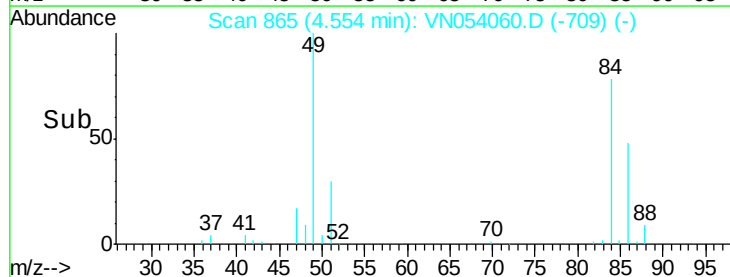
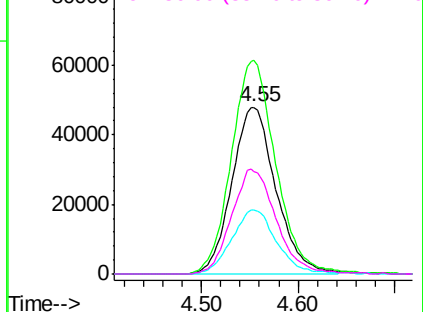


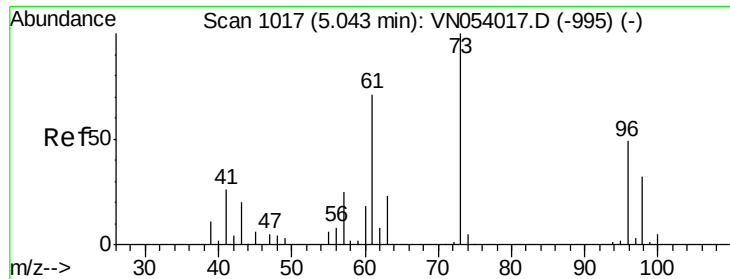
#18
Methylene Chloride
Concen: 21.225 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tgt Ion: 84 Resp: 151816
Ion Ratio Lower Upper
84 100
49 128.0 101.4 152.0
51 38.6 31.7 47.5
86 61.7 50.1 75.1



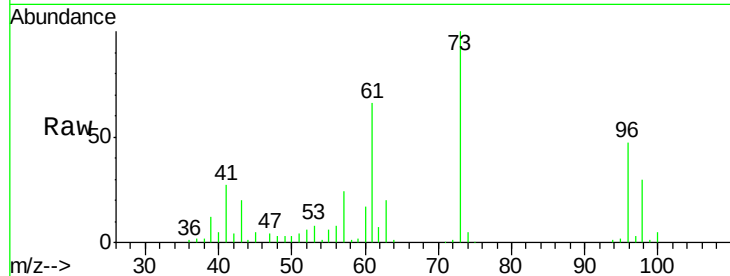
Abundance Ion 84.00 (83.70 to 84.70): VNC
Ion 49.00 (48.70 to 49.70): VNC
Ion 51.00 (50.70 to 51.70): VNC
Ion 86.00 (85.70 to 86.70): VNC



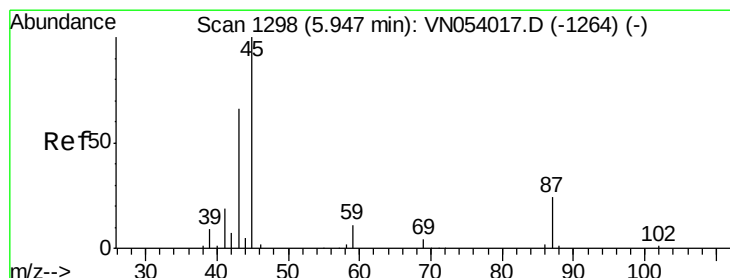
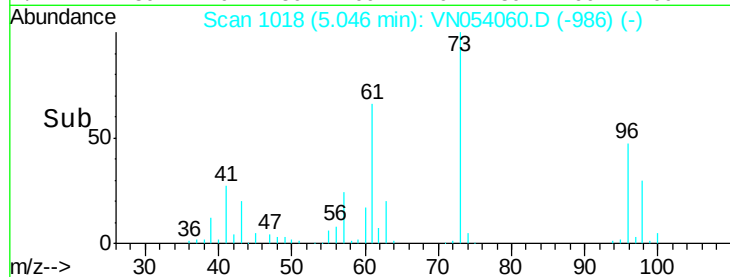
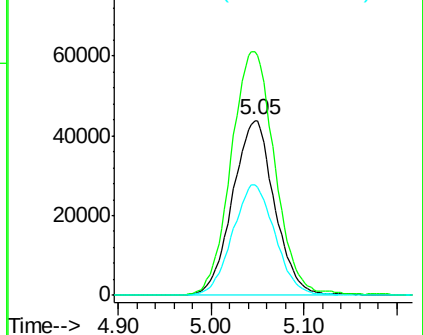


#19
trans-1,2-Dichloroethene
Concen: 20.526 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tot Ion: 96 Resp: 137930
Ion Ratio Lower Upper
96 100
61 138.6 118.2 177.4
98 63.2 51.4 77.2

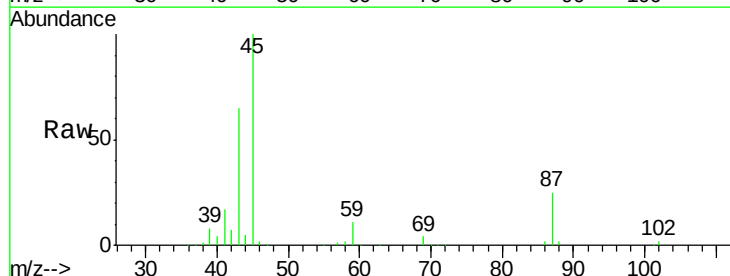


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

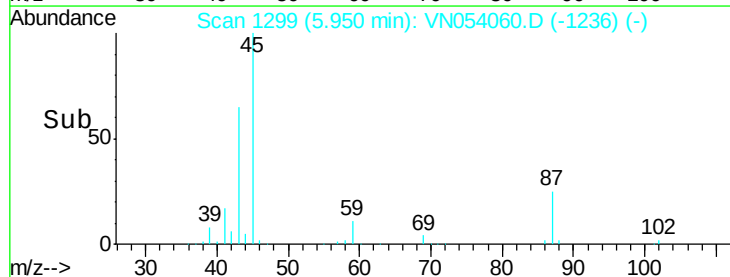
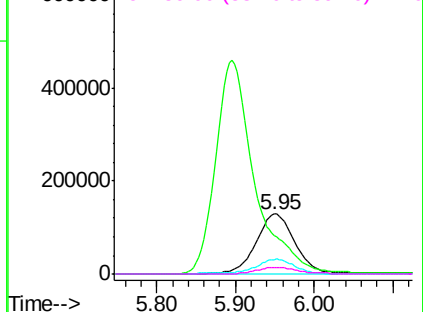


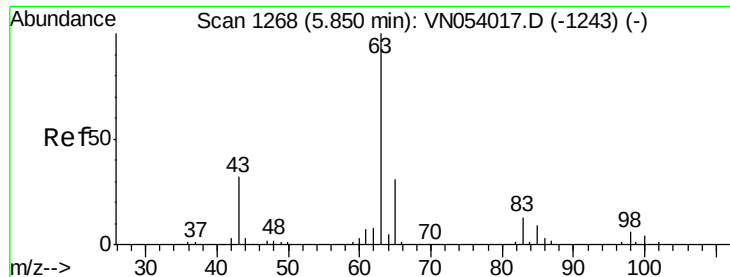
#20
Diisopropyl ether
Concen: 20.407 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tgt Ion: 45 Resp: 447191
Ion Ratio Lower Upper
45 100
43 60.7 47.8 71.8
87 24.1 21.3 31.9
59 11.0 8.9 13.3



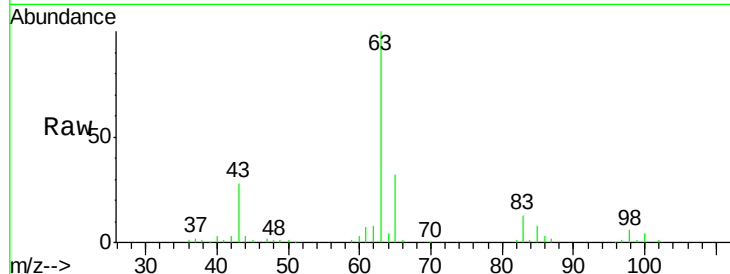
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0



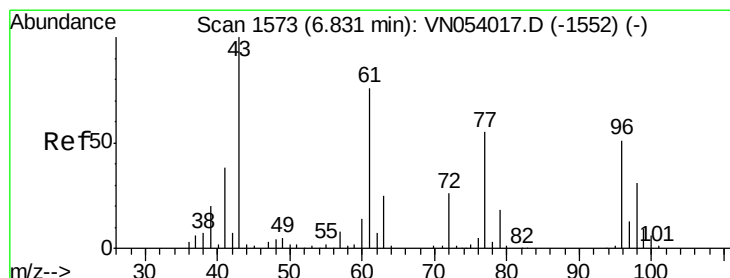
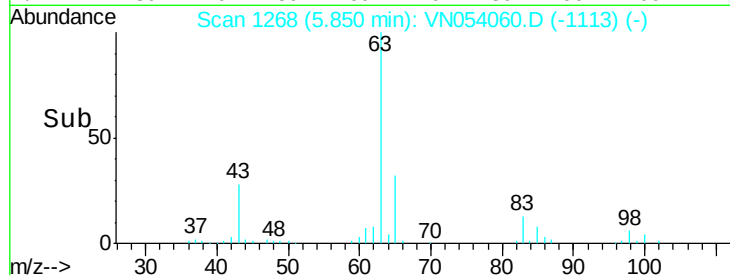
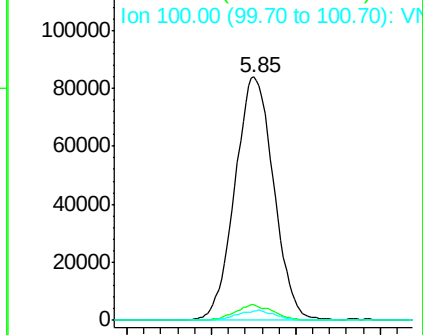


#21
 1,1-Dichloroethane
 Concen: 20.756 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tot Ion	63	Resp	268625
Ion Ratio	100		
Lower	3.0		
Upper	9.2		
63	100		
98	6.4		
100	3.7		

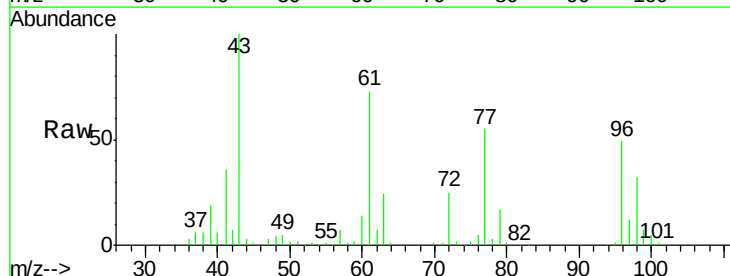


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

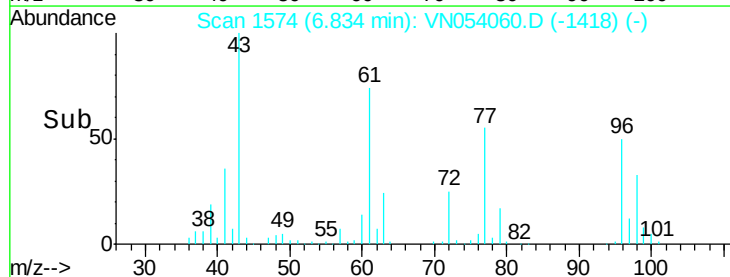
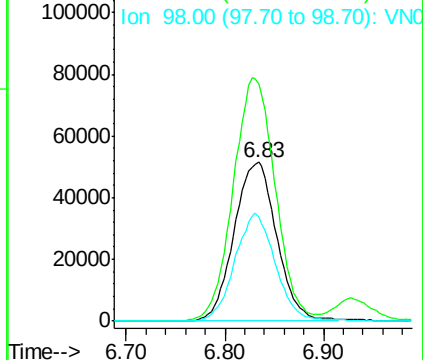


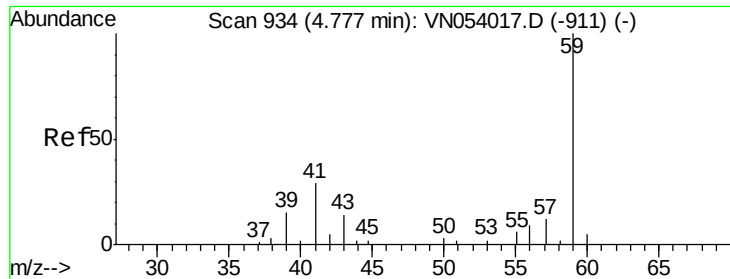
#22
 cis-1,2-Dichloroethene
 Concen: 20.548 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tgt Ion	96	Resp	153715
Ion Ratio	100		
Lower	116.7		
Upper	175.1		
96	100		
61	151.5		
98	64.6		



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0

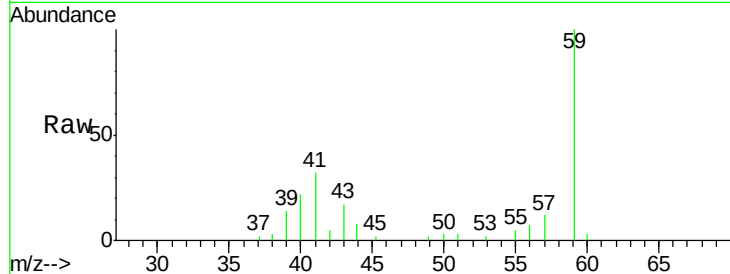




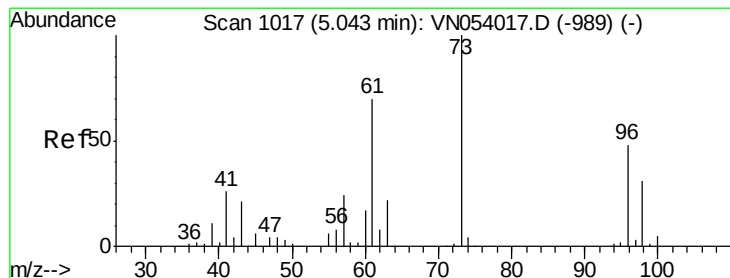
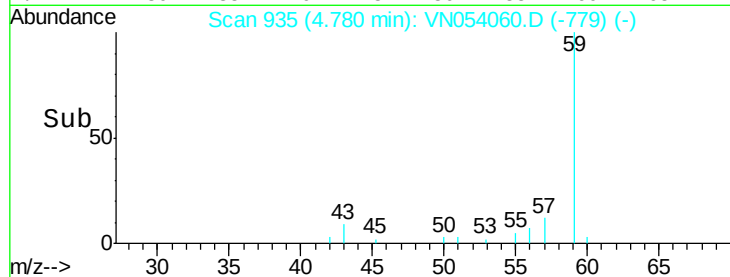
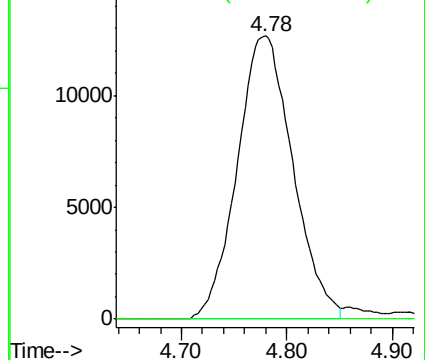
#23

tert-Butyl Alcohol
 Concen: 103.367 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tot Ion: 59 Resp: 46465
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



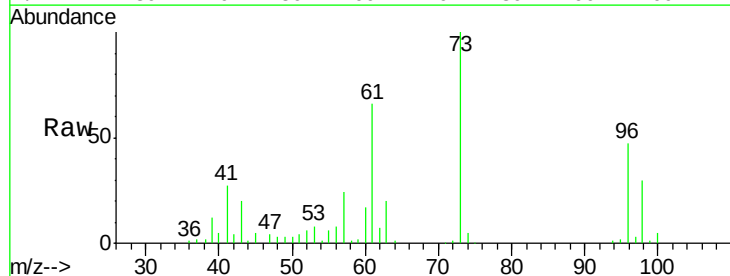
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0



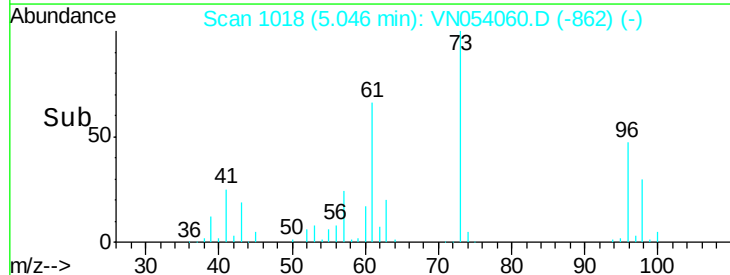
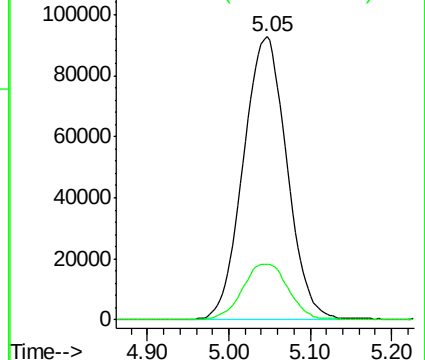
#24

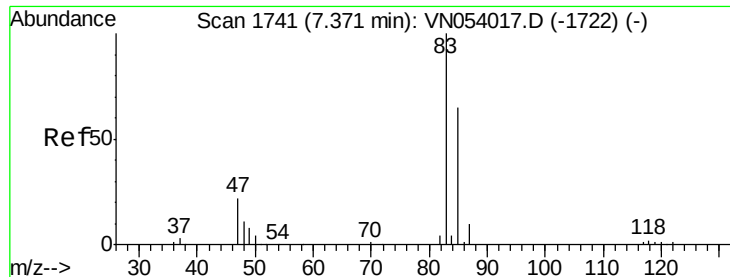
Methyl tert-Butyl Ether
 Concen: 20.512 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tgt Ion: 73 Resp: 343951
 Ion Ratio Lower Upper
 73 100
 43 20.4 15.8 23.8



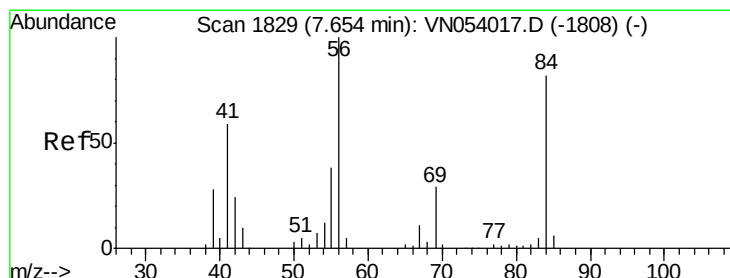
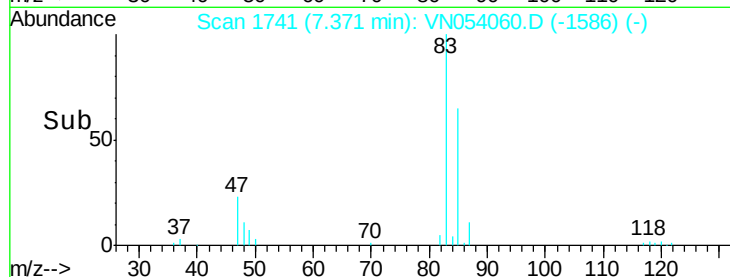
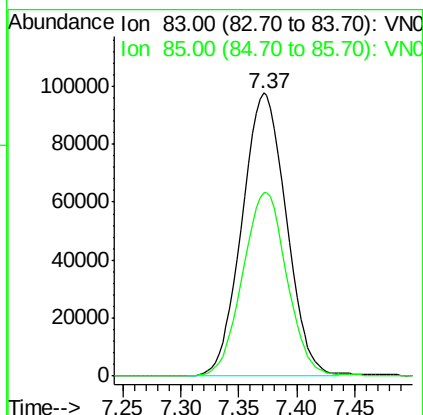
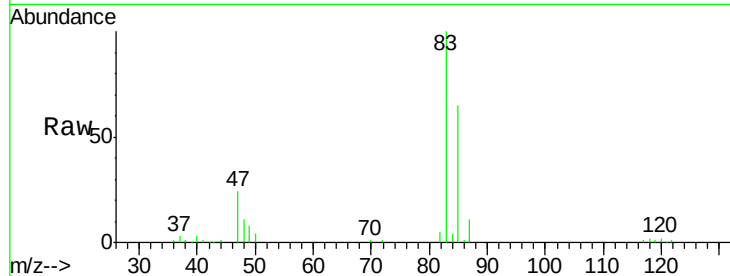
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0





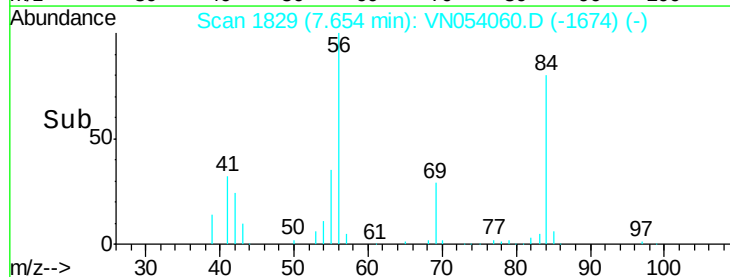
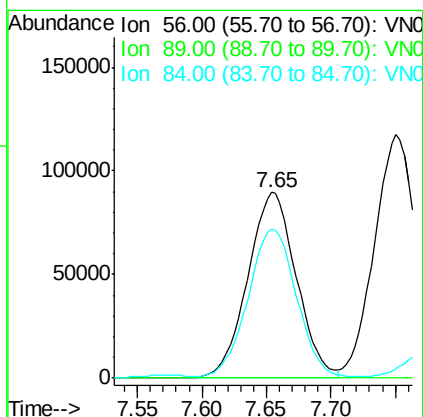
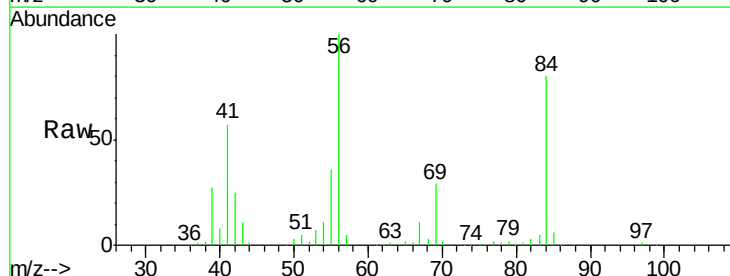
#25
Chloroform
Concen: 20.831 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

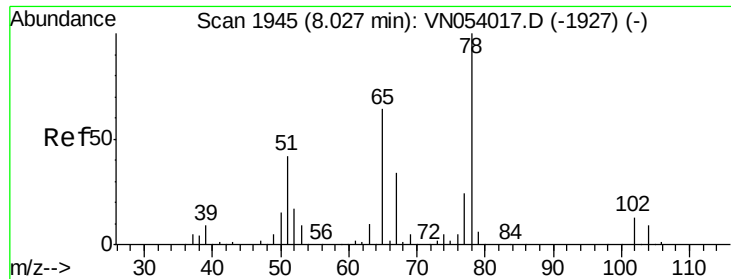
Tot Ion: 83 Resp: 260112
Ion Ratio Lower Upper
83 100
85 64.9 51.7 77.5



#26
Cyclohexane
Concen: 19.899 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

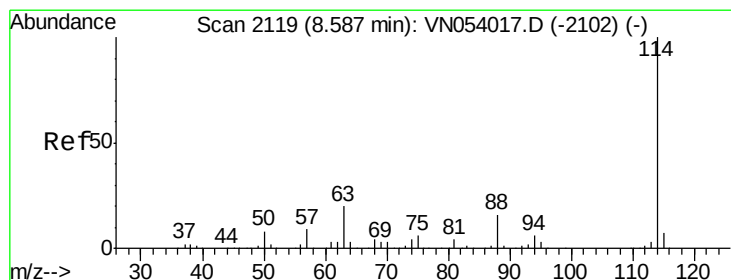
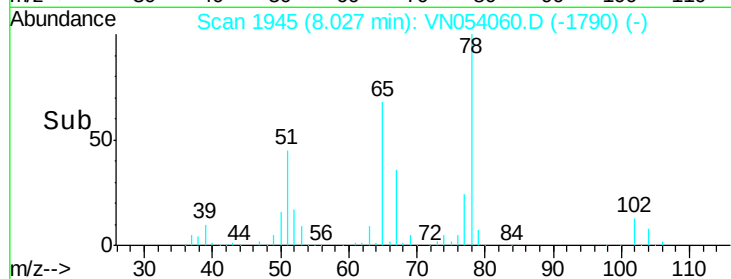
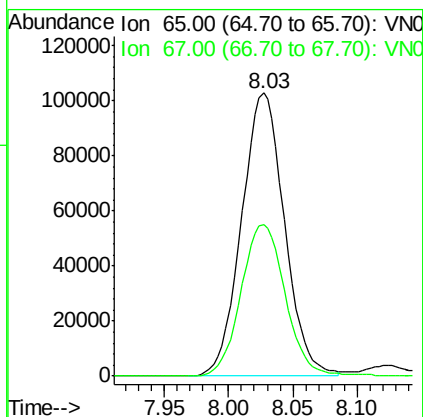
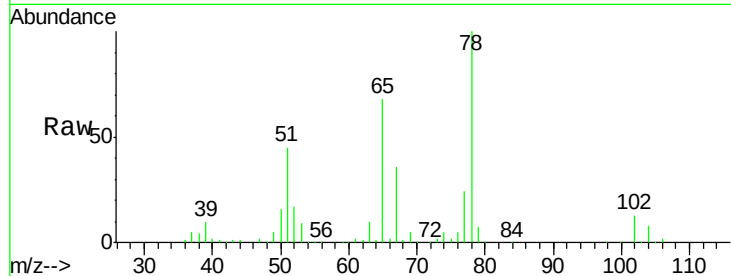
Tgt Ion: 56 Resp: 234375
Ion Ratio Lower Upper
56 100
89 0.0 0.5 0.7#
84 79.2 66.2 99.2





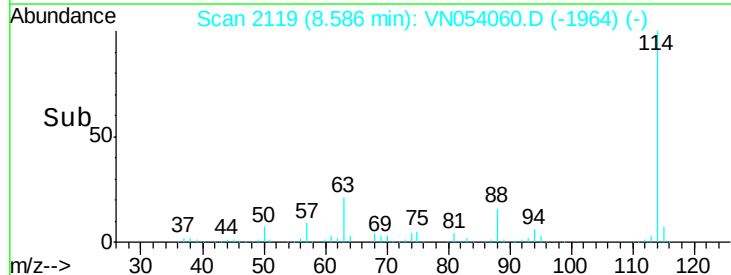
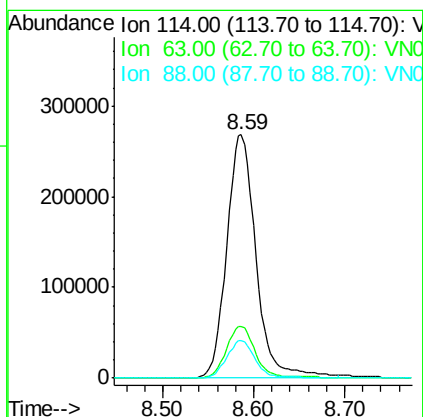
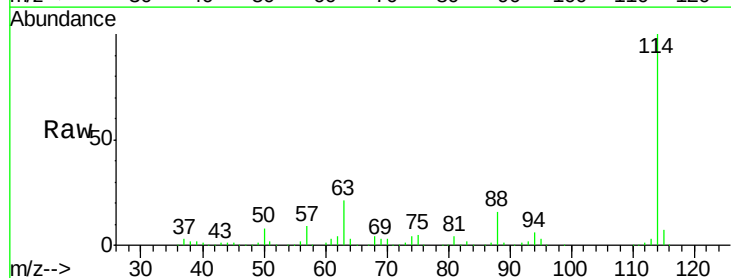
#27
 1,2-Dichloroethane-d4
 Concen: 19.899 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

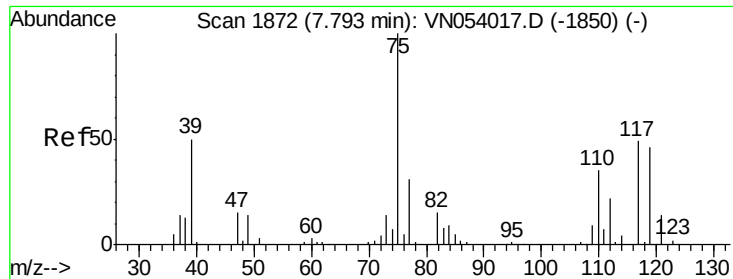
Tot Ion: 65 Resp: 238896
 Ion Ratio Lower Upper
 65 100
 67 55.3 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tgt Ion: 114 Resp: 601607
 Ion Ratio Lower Upper
 114 100
 63 21.0 16.9 25.3
 88 14.9 12.8 19.2





#29

1,1-Dichloropropene

Concen: 20.151 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

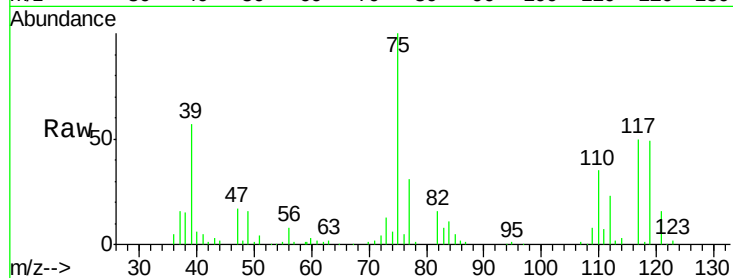
Tot Ion: 75 Resp: 189891

Ion Ratio Lower Upper

75 100

110 35.6 0.0 70.2

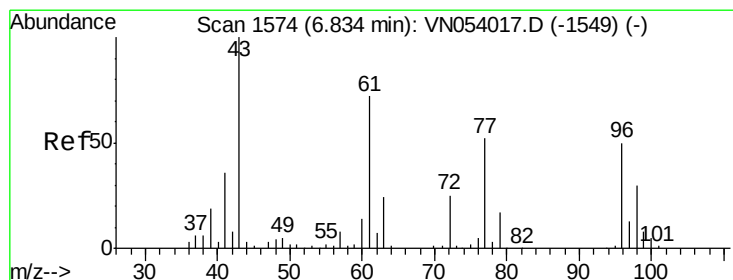
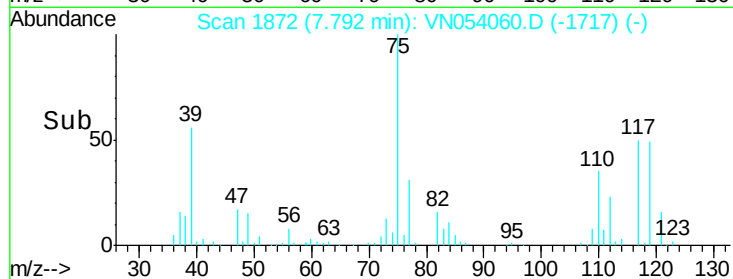
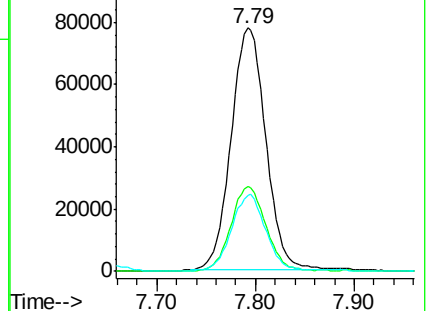
77 31.9 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VN054017.D (-1850) (-)

Ion 110.00 (109.70 to 110.70): VN054017.D (-1850) (-)

Ion 77.00 (76.70 to 77.70): VN054017.D (-1850) (-)



#30

2-Butanone

Concen: 103.984 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

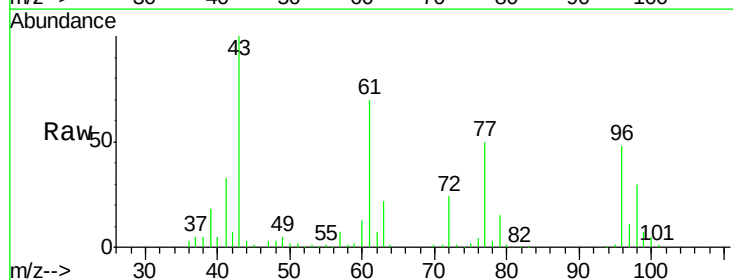
Tgt Ion: 43 Resp: 309387

Ion Ratio Lower Upper

43 100

57 7.7 6.2 9.4

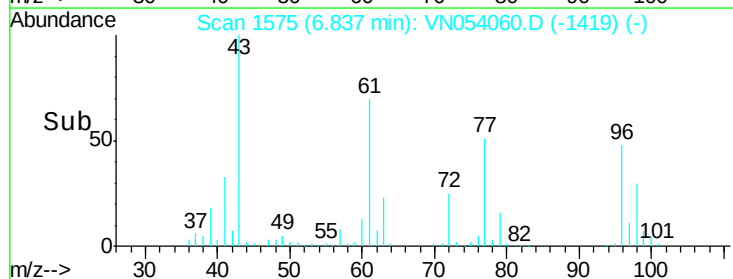
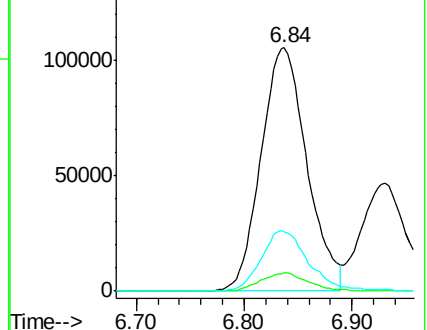
72 25.8 21.0 31.6

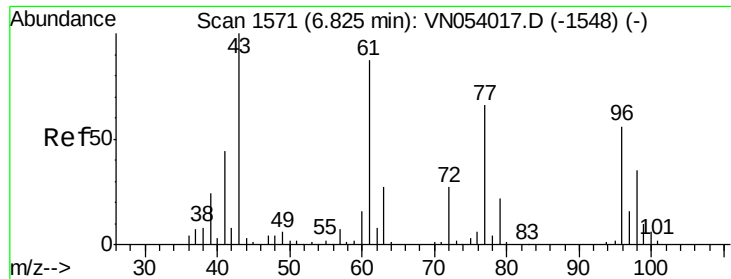


Abundance Ion 43.00 (42.70 to 43.70): VN054017.D (-1549) (-)

Ion 57.00 (56.70 to 57.70): VN054017.D (-1549) (-)

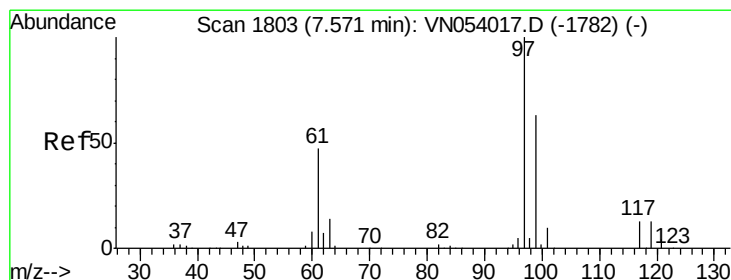
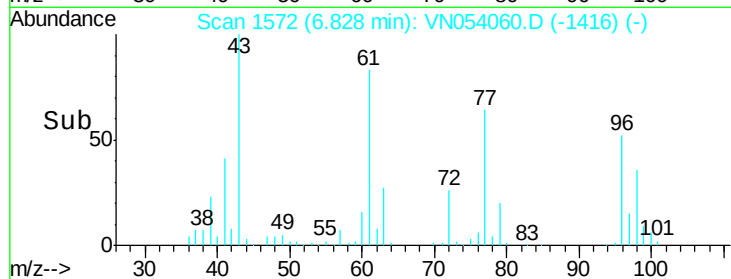
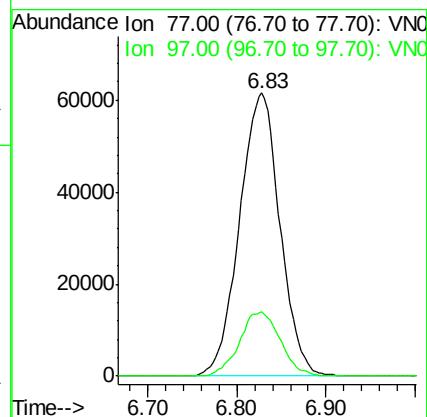
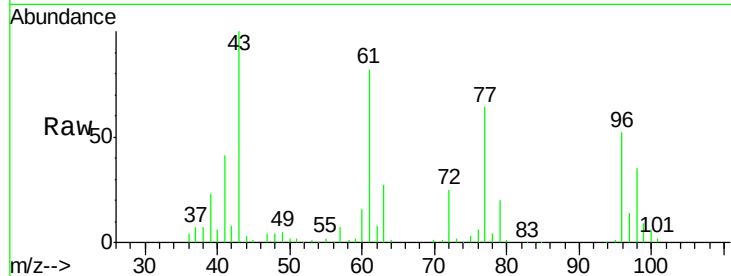
Ion 72.00 (71.70 to 72.70): VN054017.D (-1549) (-)





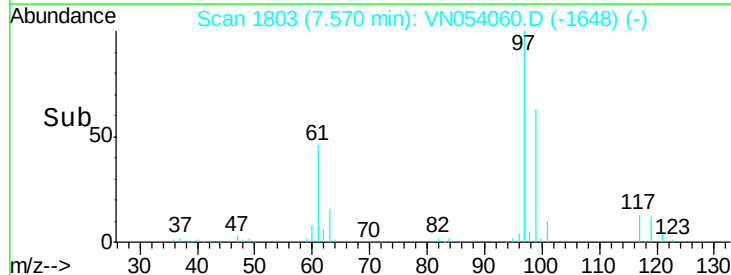
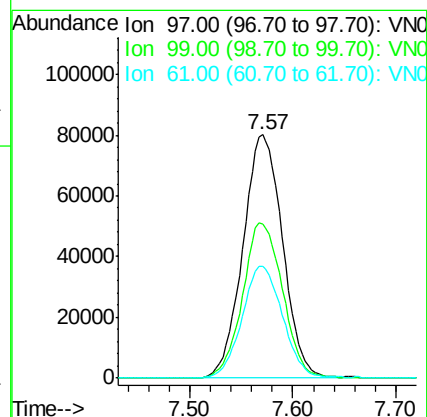
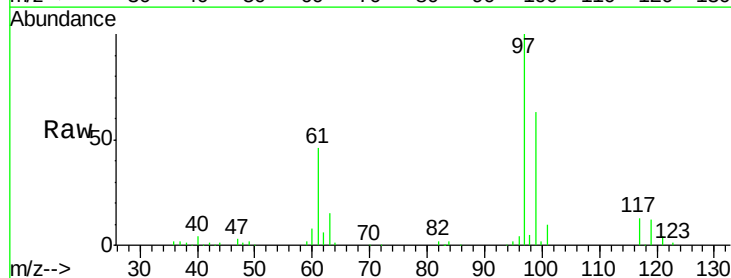
#31
 2,2-Dichloropropane
 Concen: 20.834 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

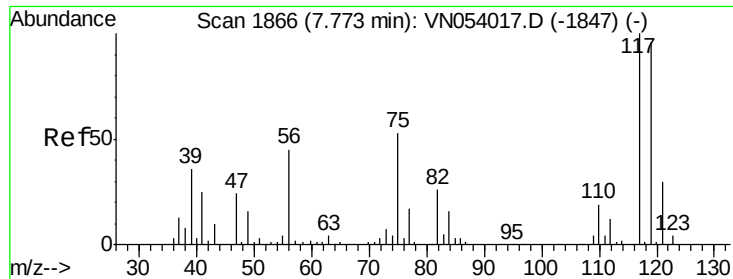
Tot Ion: 77 Resp: 193585
 Ion Ratio Lower Upper
 77 100
 97 23.0 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 21.149 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tgt Ion: 97 Resp: 214366
 Ion Ratio Lower Upper
 97 100
 99 64.4 50.9 76.3
 61 47.0 38.1 57.1





#33

Carbon Tetrachloride

Concen: 20.713 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

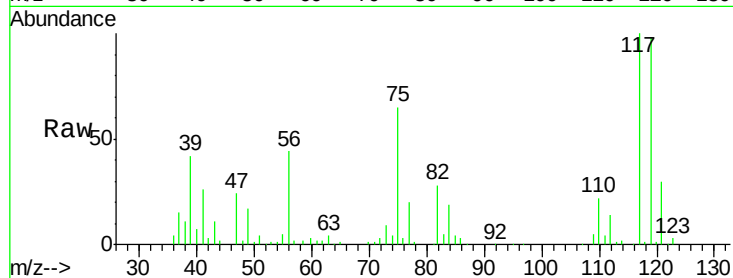
Tot Ion:117 Resp: 185884

Ion Ratio Lower Upper

117 100

119 97.3 77.3 115.9

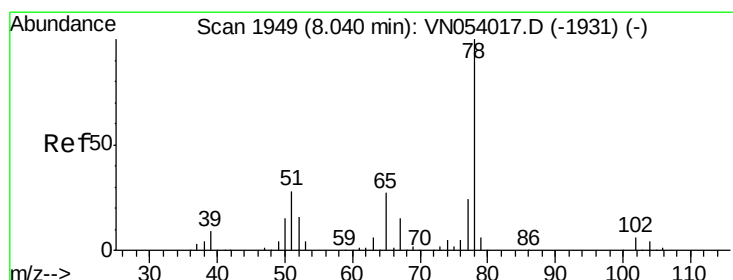
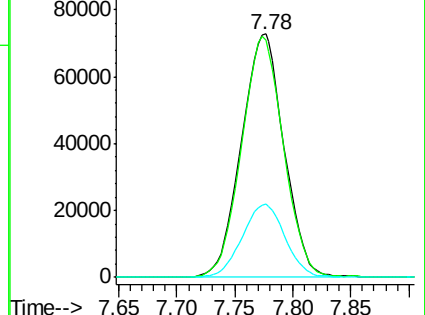
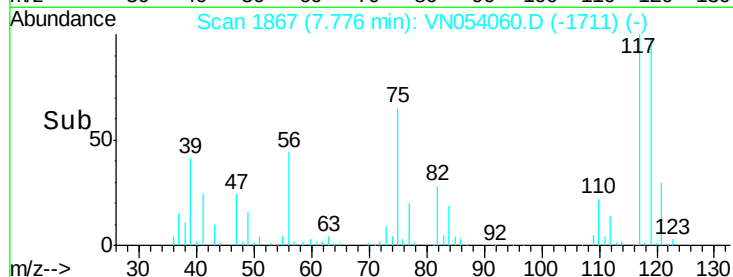
121 29.9 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.159 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

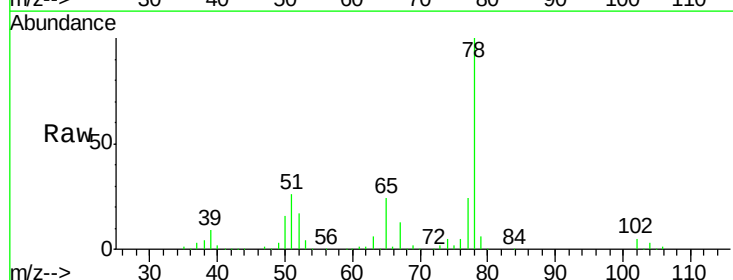
Tgt Ion: 78 Resp: 592570

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

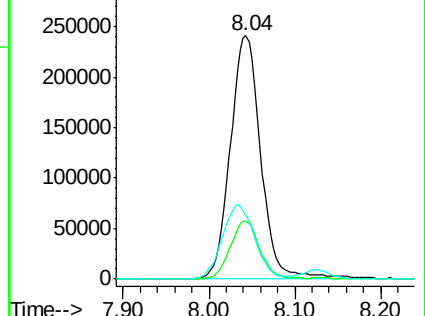
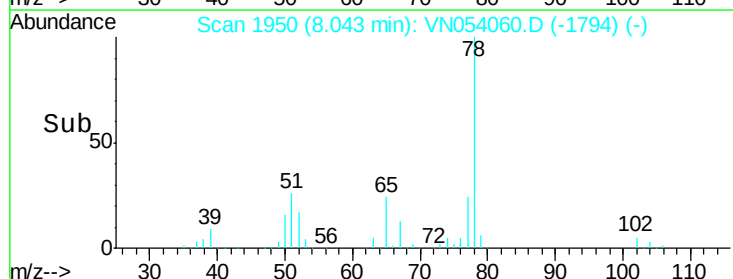
51 26.2 20.5 30.7

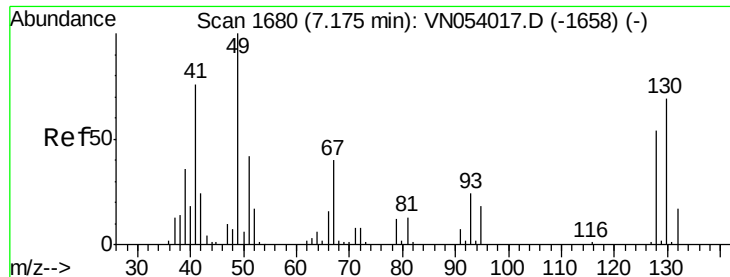


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

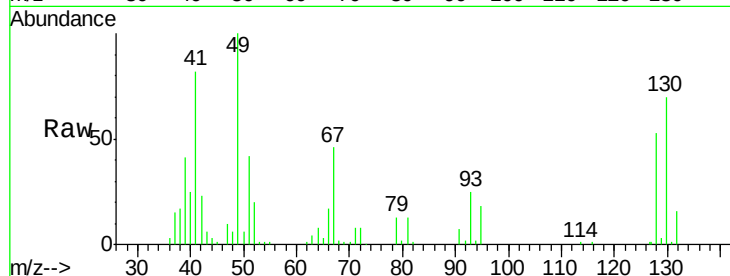
Ion 51.00 (50.70 to 51.70): V



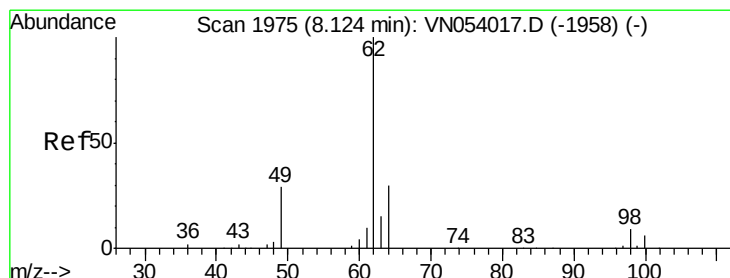
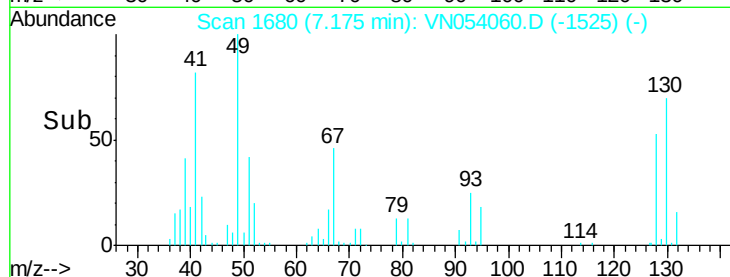
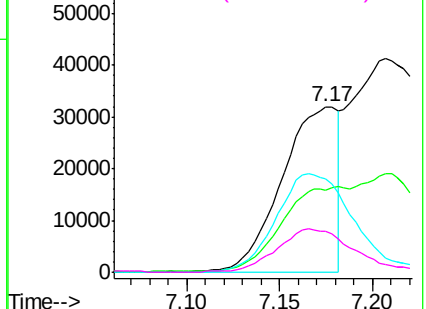


#35
Methacrylonitrile
Concen: 20.249 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tot Ion: 41 Resp: 67367
Ion Ratio Lower Upper
41 100
39 49.3 26.6 79.7
67 56.4 32.3 96.9
52 24.9 13.0 38.9

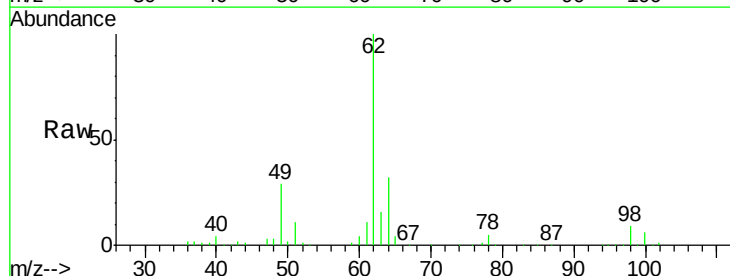


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

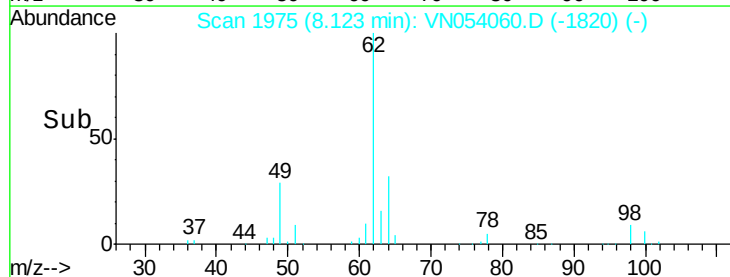
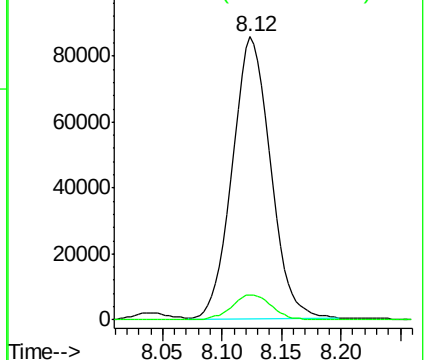


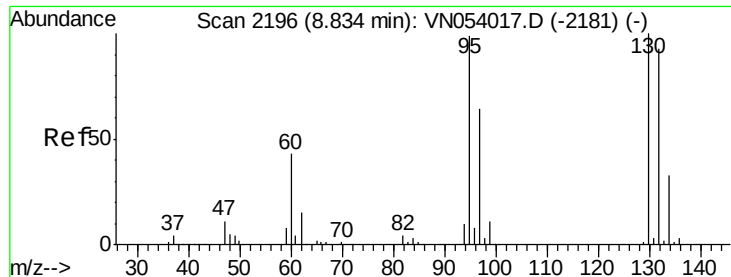
#36
1,2-Dichloroethane
Concen: 21.229 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tgt Ion: 62 Resp: 190917
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.2



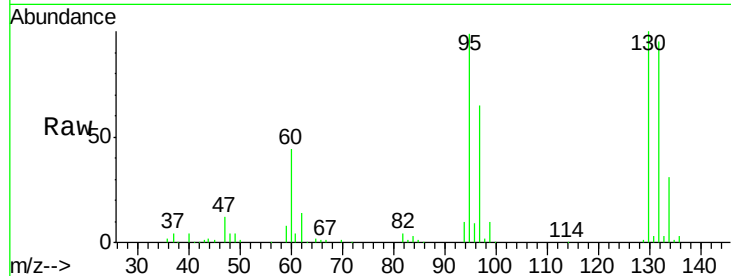
Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC



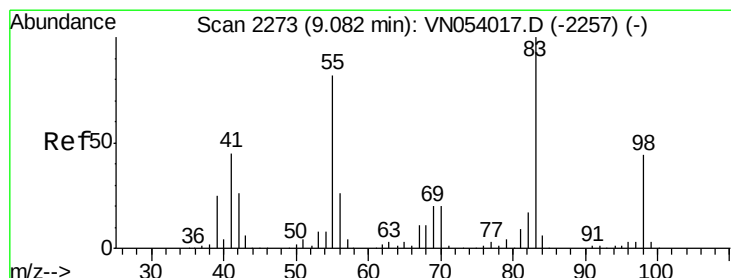
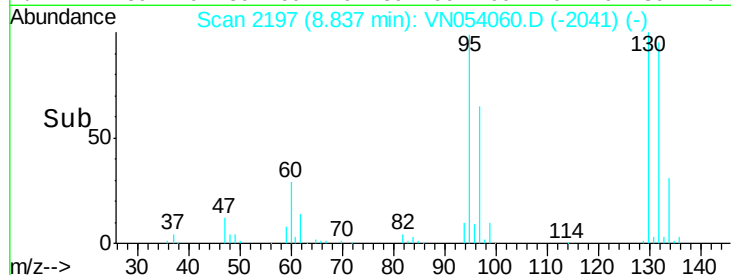
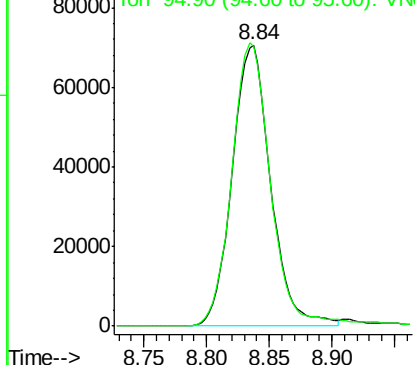


#37
 Trichloroethene
 Concen: 20.609 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tot Ion:130 Resp: 150665
 Ion Ratio Lower Upper
 130 100
 95 99.4 81.0 121.4

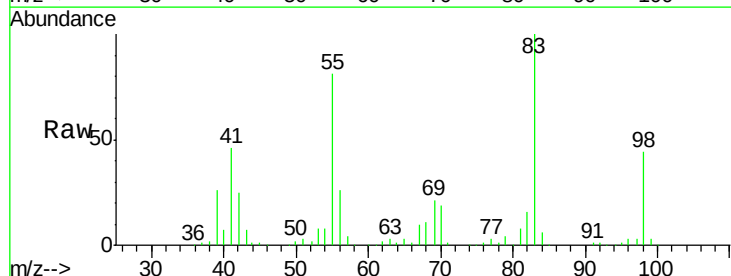


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN0

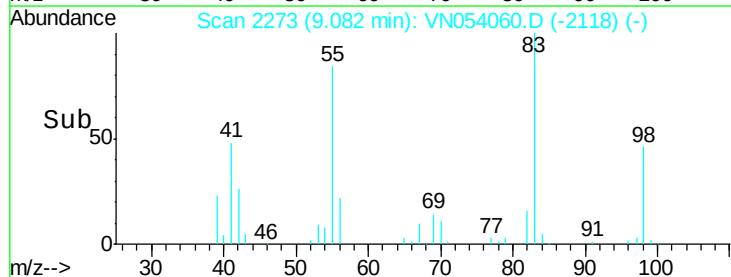
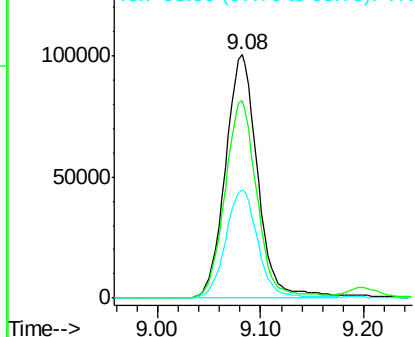


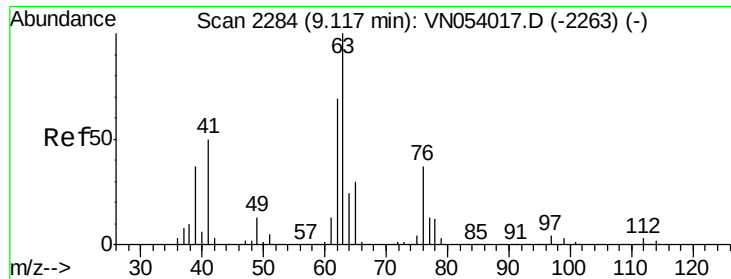
#38
 Methylcyclohexane
 Concen: 19.618 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tgt Ion: 83 Resp: 218198
 Ion Ratio Lower Upper
 83 100
 55 79.7 39.8 119.4
 98 44.5 22.9 68.5



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





#39

1,2-Dichloropropane

Concen: 21.052 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054060.D

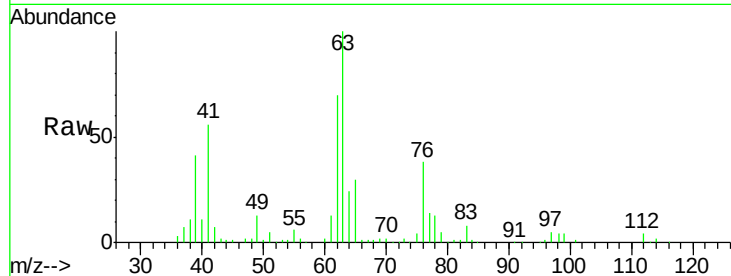
Acq: 4 Mar 2019 11:20

Tot Ion: 63 Resp: 161515

Ion Ratio Lower Upper

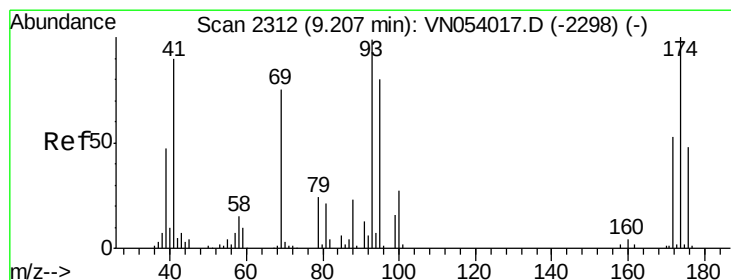
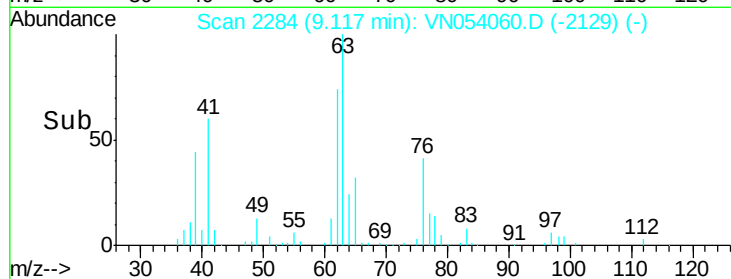
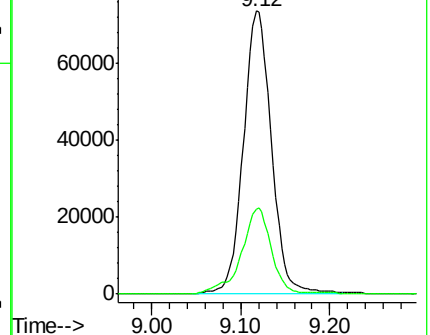
63 100

65 29.8 23.6 35.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 21.147 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

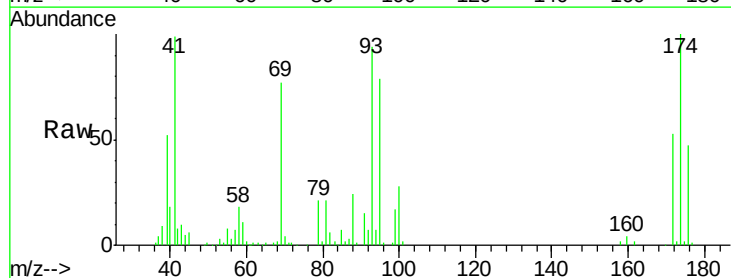
Tgt Ion: 93 Resp: 93012

Ion Ratio Lower Upper

93 100

95 83.0 0.0 168.4

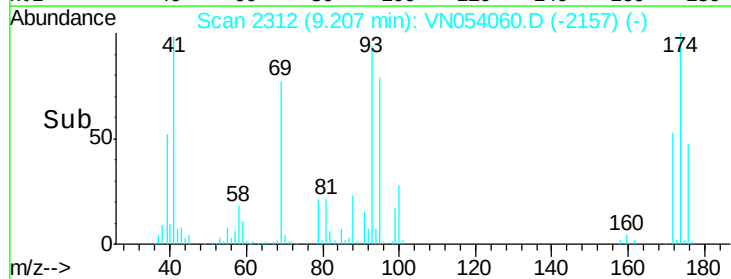
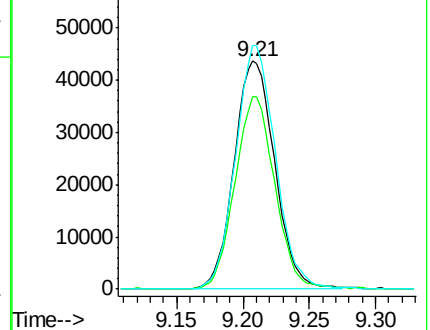
174 105.0 0.0 210.0

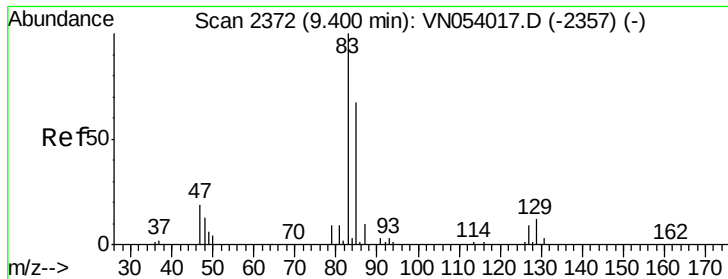


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.966 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

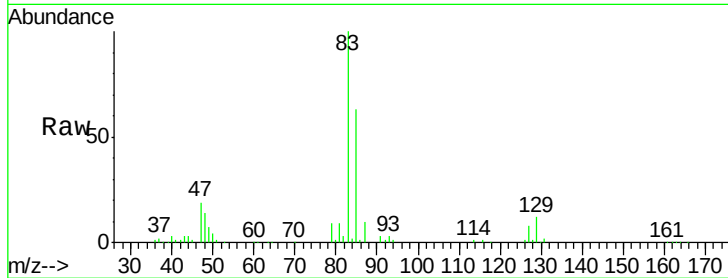
Tot Ion: 83 Resp: 195659

Ion Ratio Lower Upper

83 100

85 63.5 52.4 78.6

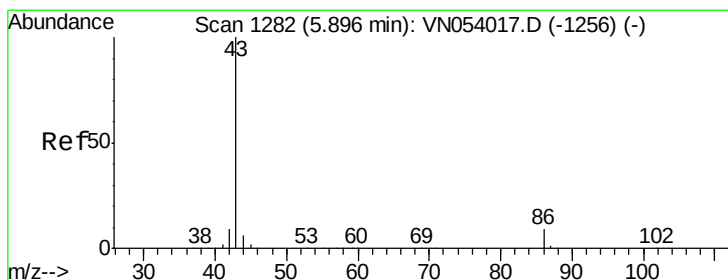
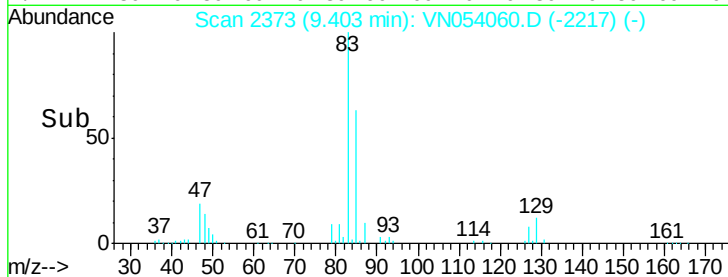
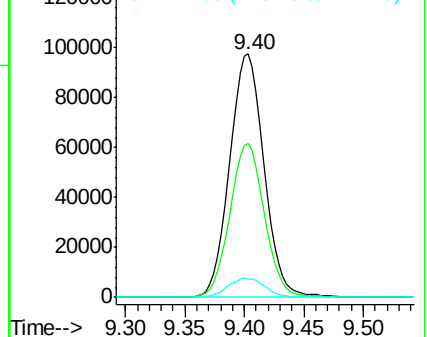
127 7.8 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 102.442 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN054060.D

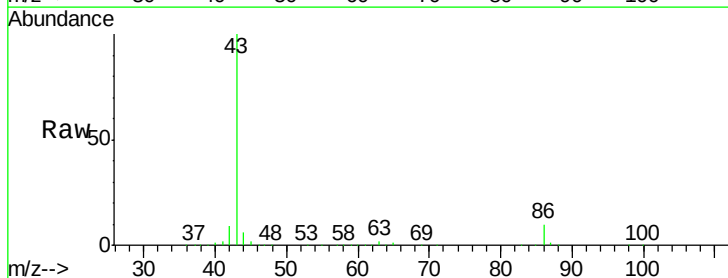
Acq: 4 Mar 2019 11:20

Tgt Ion: 43 Resp: 1574671

Ion Ratio Lower Upper

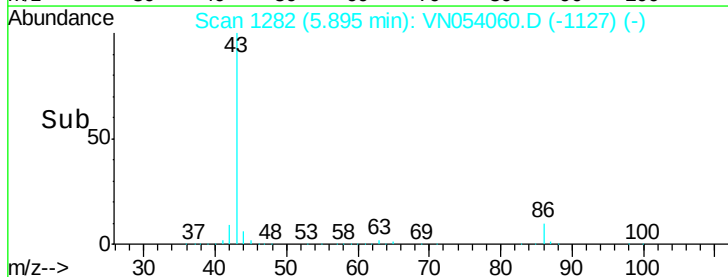
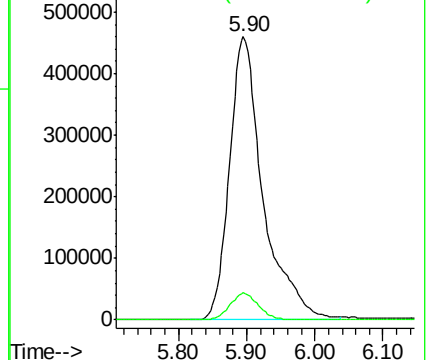
43 100

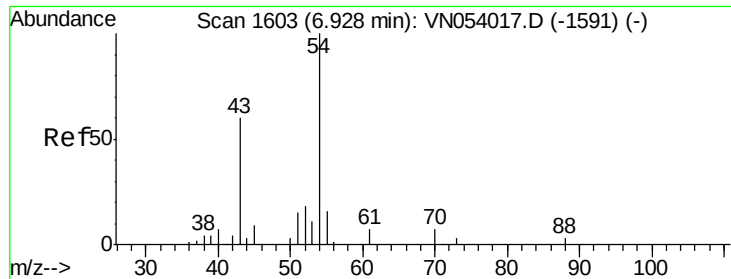
86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 49.644 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.09 min

Lab File: VN054060.D

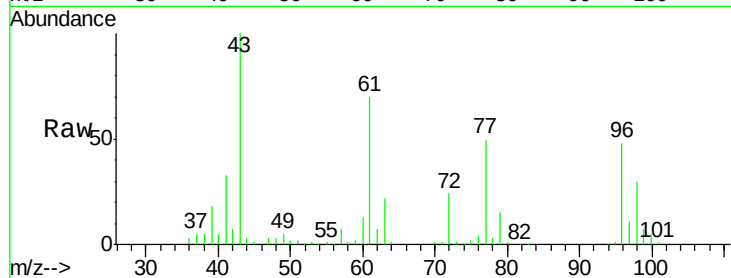
Acq: 4 Mar 2019 11:20

Tot Ion: 43 Resp: 309387

Ion Ratio Lower Upper

43 100

45 1.2 1.0 1.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

120000

100000

80000

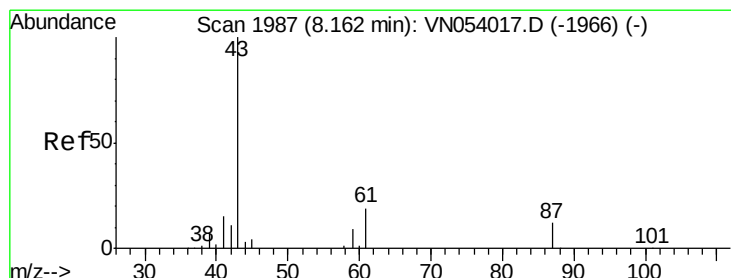
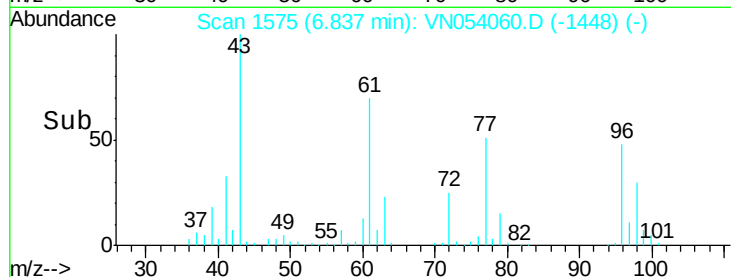
60000

40000

20000

0

Time-->



#44

Isopropyl Acetate

Concen: 20.433 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN054060.D

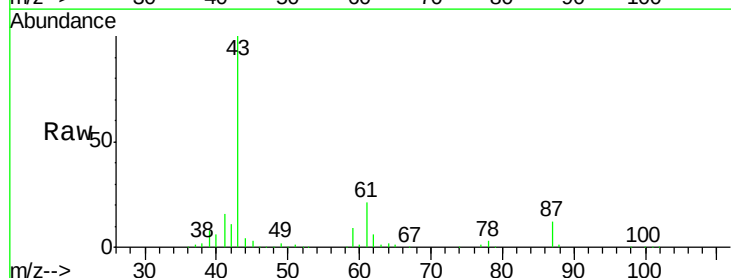
Acq: 4 Mar 2019 11:20

Tgt Ion: 43 Resp: 223451

Ion Ratio Lower Upper

43 100

61 17.7 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

100000

80000

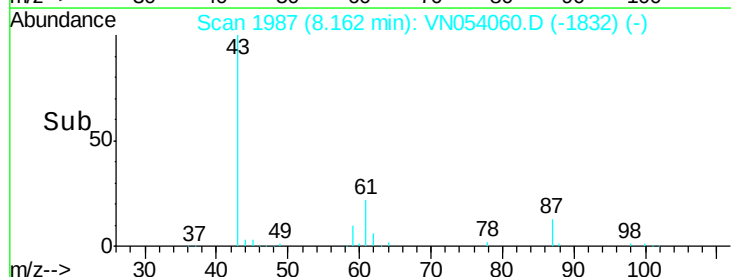
60000

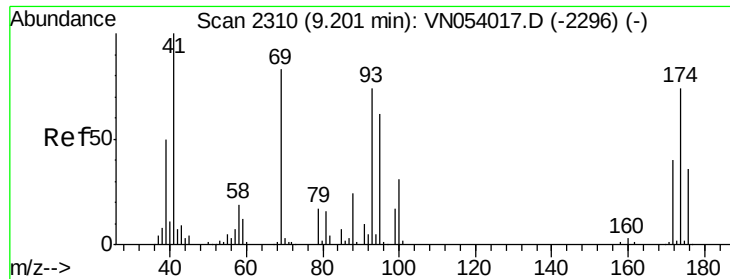
40000

20000

0

Time-->





#45

1,4-Dioxane

Concen: 448.152 ug/l

RT: 9.20 min Scan# 2309

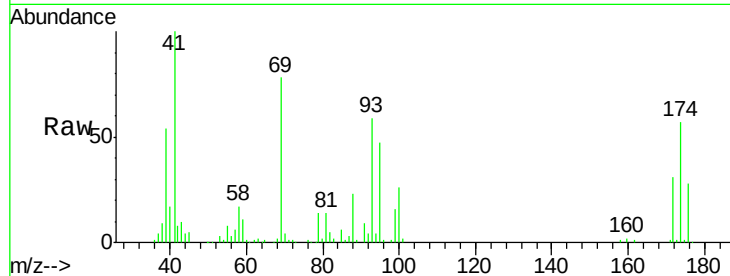
Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

Tot Ion: 88 Resp: 28851

Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.5	44.3
58	74.5	61.5	92.3

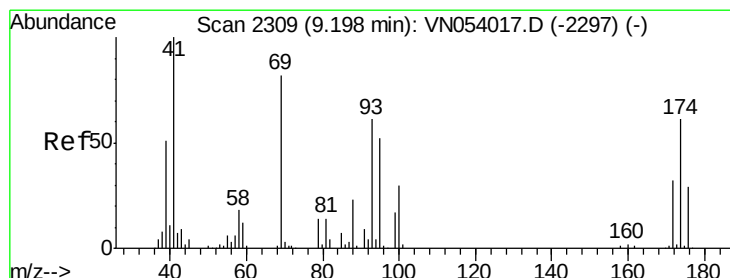
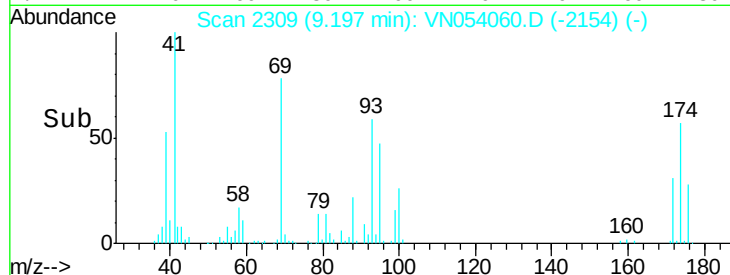
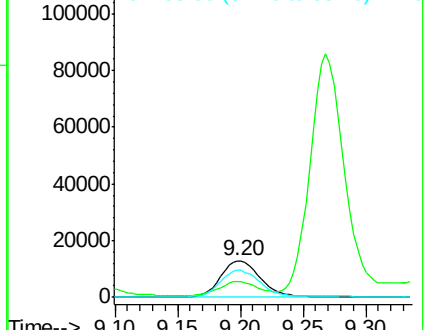


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 19.737 ug/l

RT: 9.20 min Scan# 2309

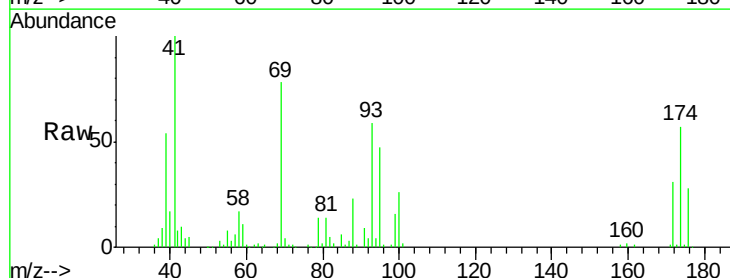
Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

Tgt Ion: 41 Resp: 103675

Ion	Ratio	Lower	Upper
41	100		
69	81.0	42.5	127.6
39	52.9	26.3	78.9

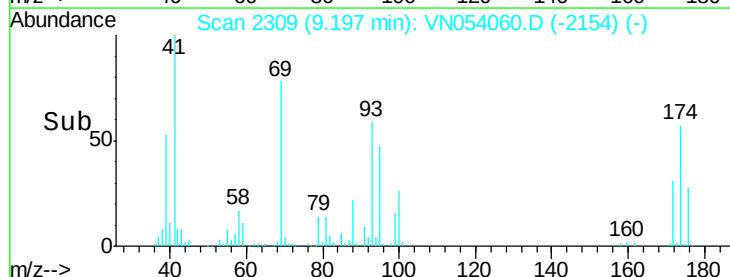
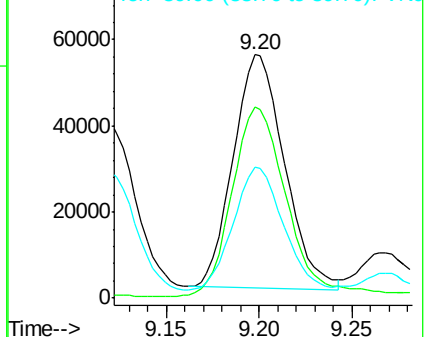


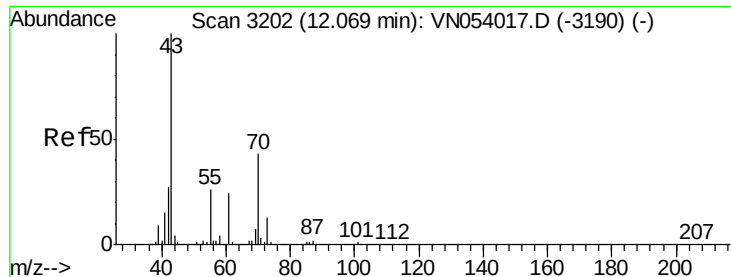
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

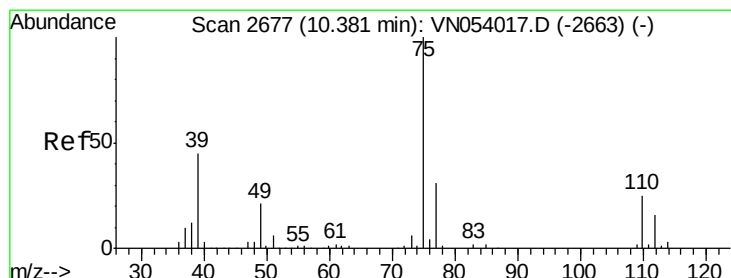
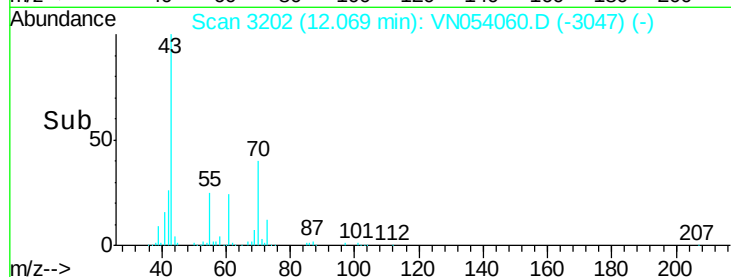
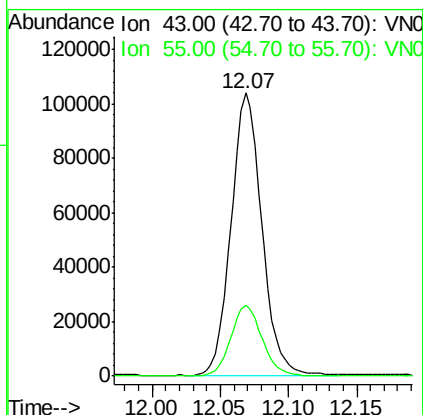
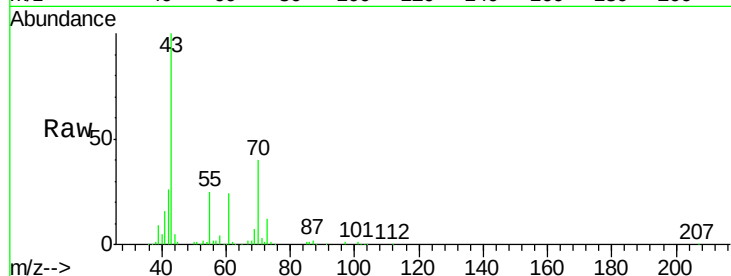
Ion 39.00 (38.70 to 39.70): VN0





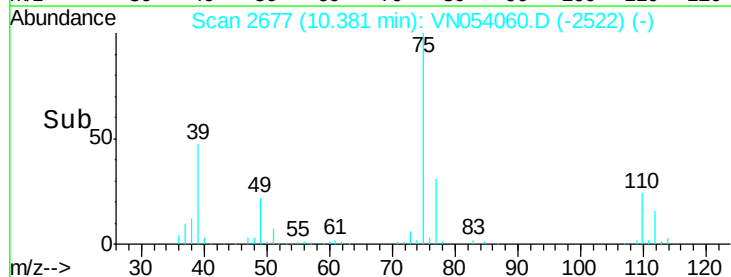
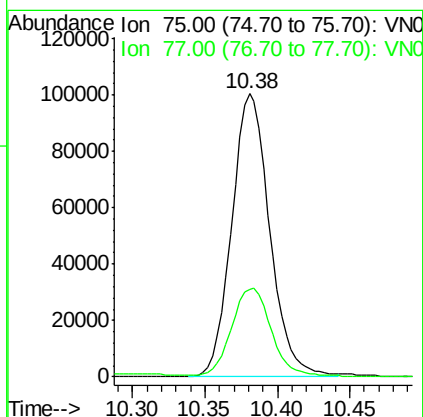
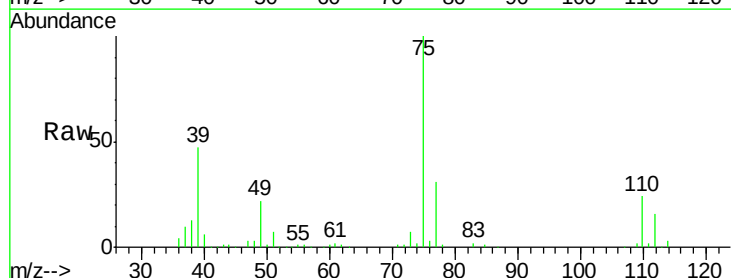
#47
n-amyl Acetate
Concen: 20.111 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

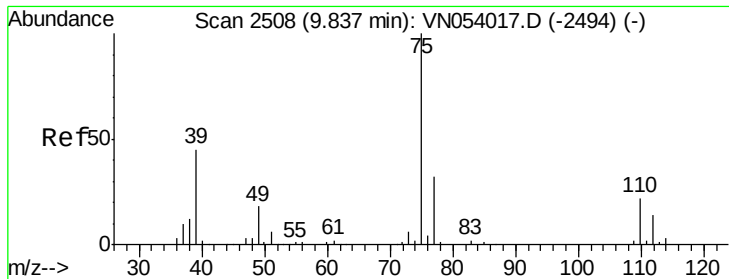
Tot Ion: 43 Resp: 161554
Ion Ratio Lower Upper
43 100
55 25.8 21.1 31.7



#48
t-1,3-Dichloropropene
Concen: 19.584 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tgt Ion: 75 Resp: 183248
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

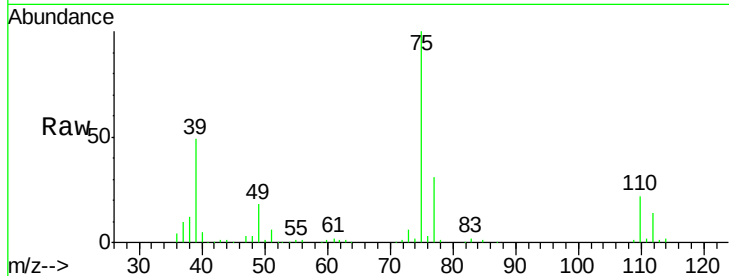




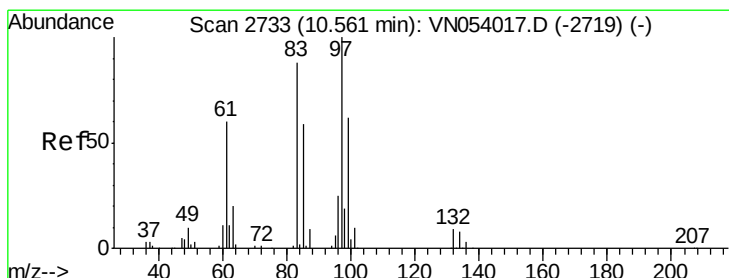
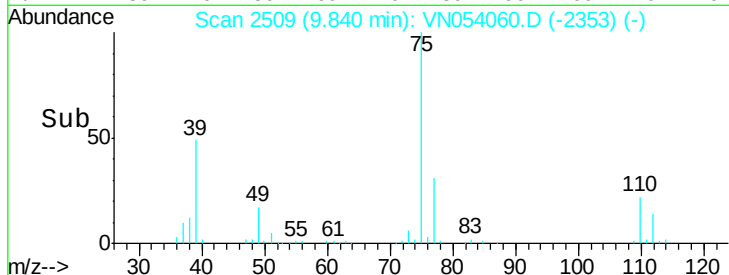
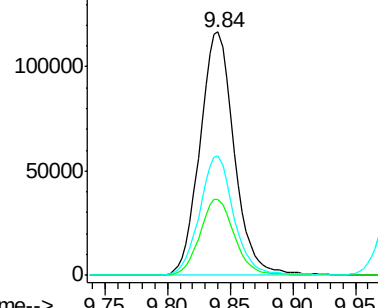
#49

cis-1,3-Dichloropropene
Concen: 20.197 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tot Ion:	75	Resp:	221912
Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.0
39	49.0	37.3	55.9



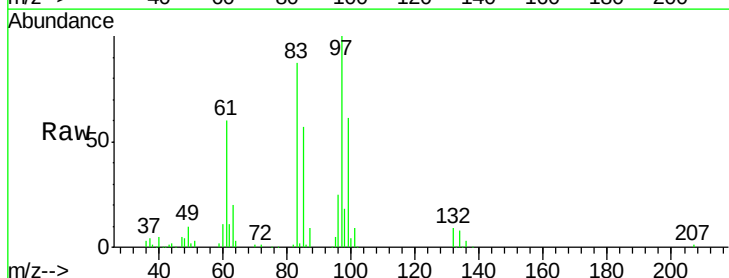
Abundance Ion 75.00 (74.70 to 75.70): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



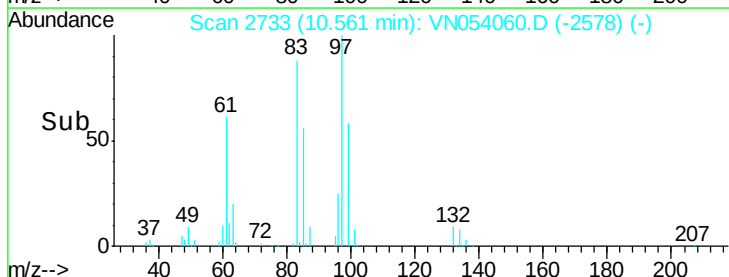
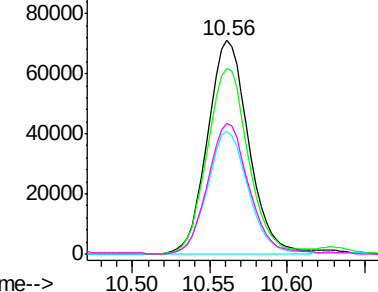
#50

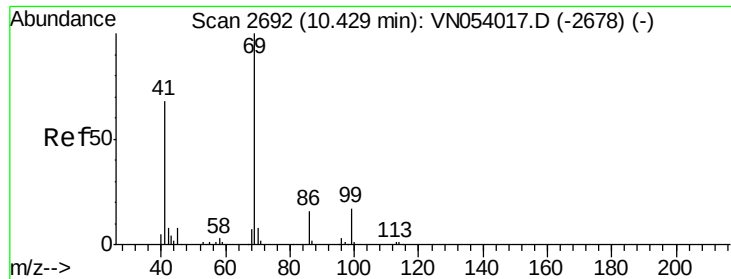
1,1,2-Trichloroethane
Concen: 21.260 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tgt Ion:	97	Resp:	131168
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.4	105.6
85	57.4	45.0	67.6
99	61.1	50.2	75.2



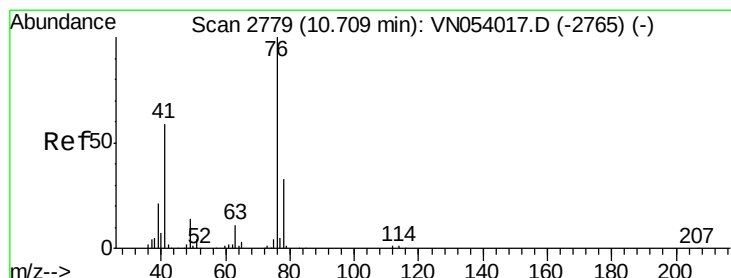
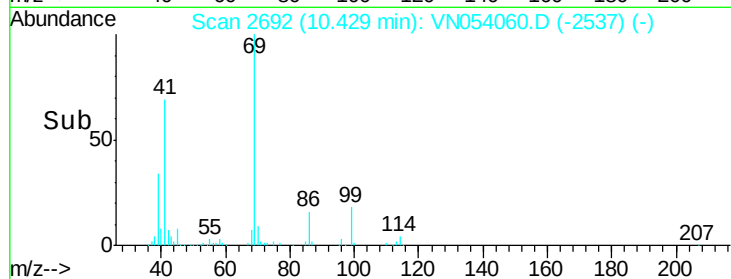
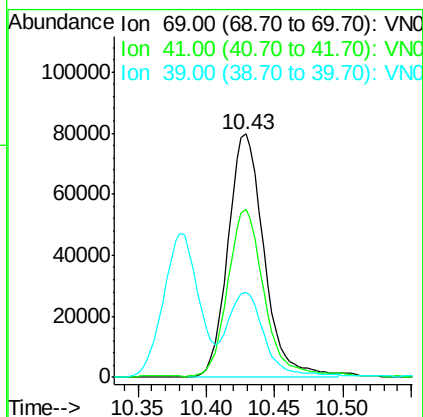
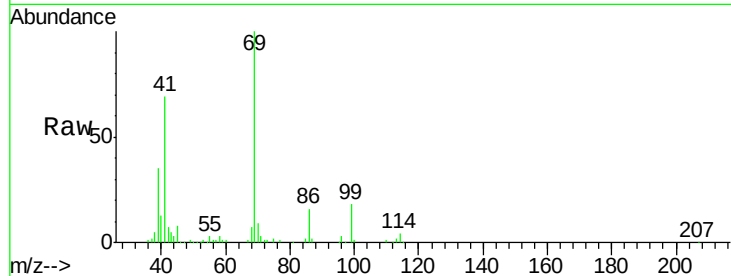
Abundance Ion 97.00 (96.70 to 97.70): VNO
Ion 82.95 (82.65 to 83.65): VNO
Ion 84.95 (84.65 to 85.65): VNO
Ion 98.95 (98.65 to 99.65): VNO





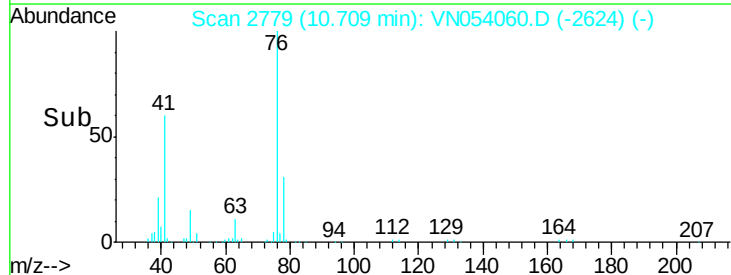
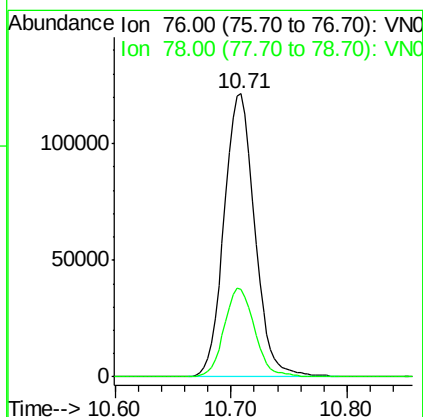
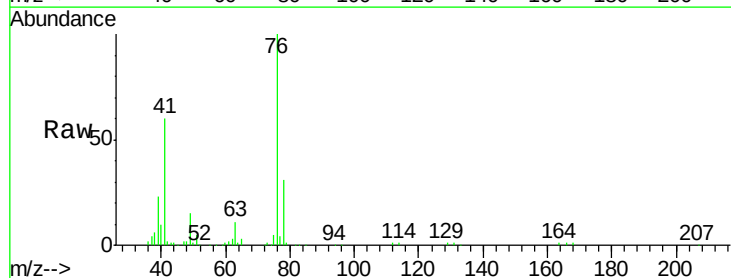
#51
Ethyl methacrylate
Concen: 19.714 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

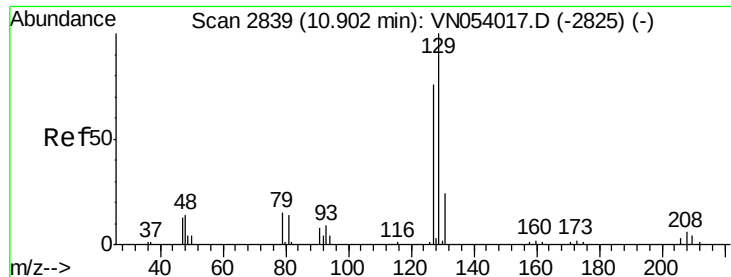
Tot Ion: 69 Resp: 146423
Ion Ratio Lower Upper
69 100
41 68.7 34.4 103.3
39 34.0 16.4 49.2



#52
1,3-Dichloropropane
Concen: 21.031 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

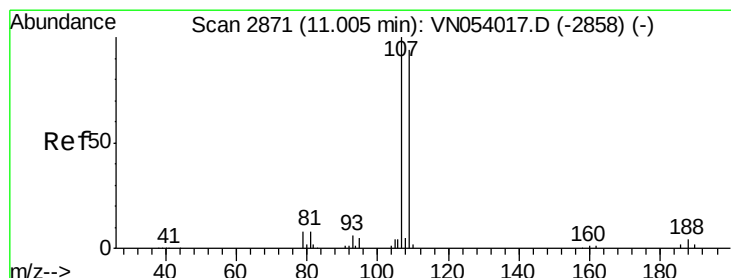
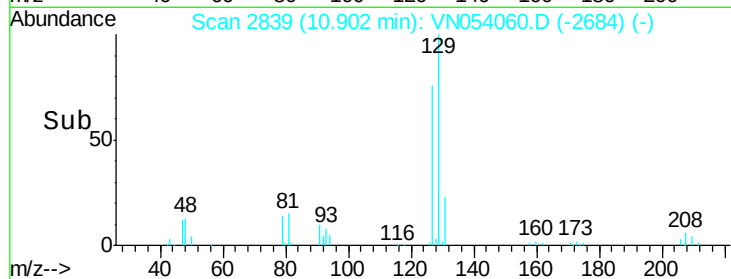
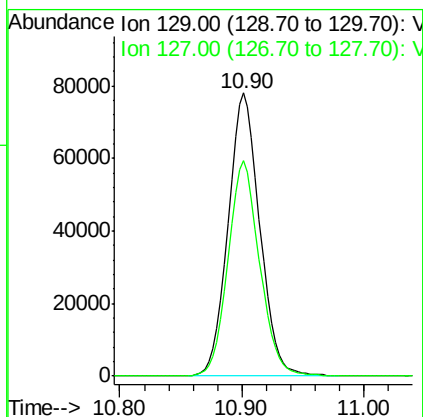
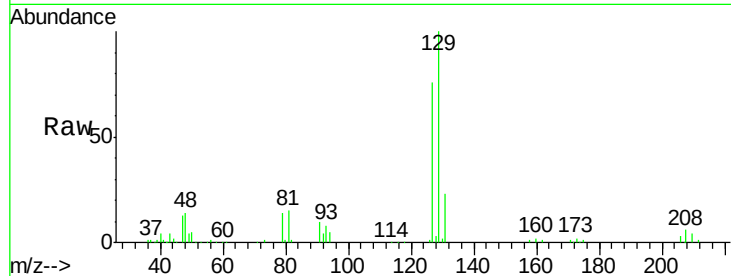
Tgt Ion: 76 Resp: 222697
Ion Ratio Lower Upper
76 100
78 31.1 0.0 64.8





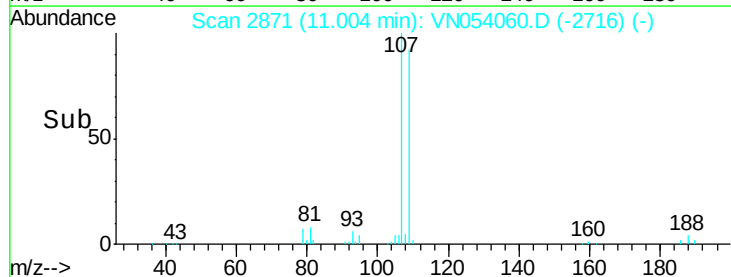
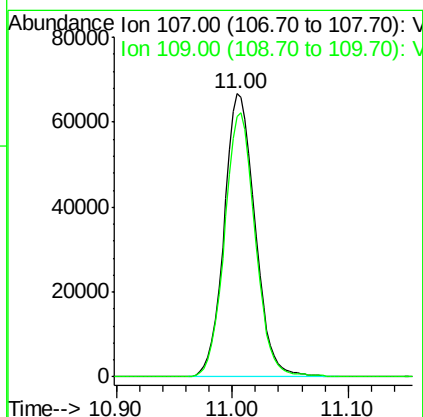
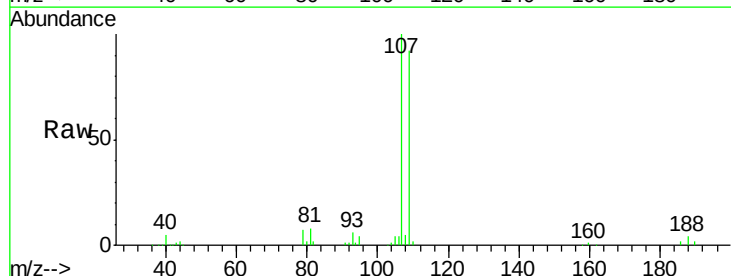
#53
 Dibromochloromethane
 Concen: 20.812 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

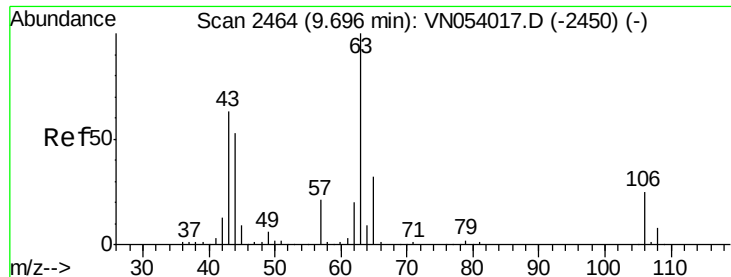
Tot Ion:129 Resp: 141094
 Ion Ratio Lower Upper
 129 100
 127 76.0 37.6 112.8



#54
 1,2-Dibromoethane
 Concen: 21.022 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

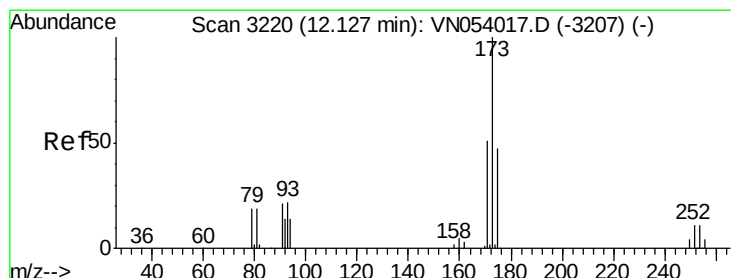
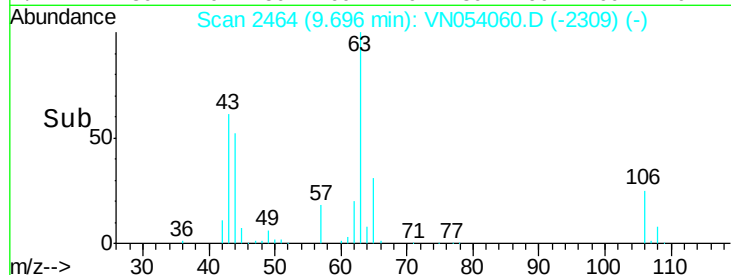
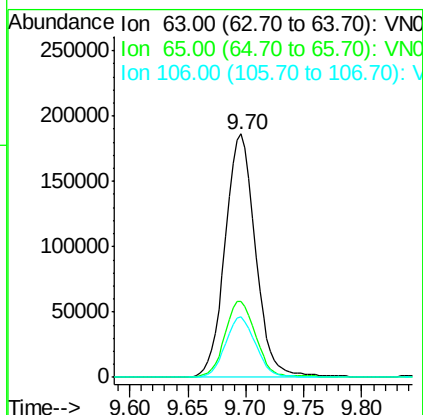
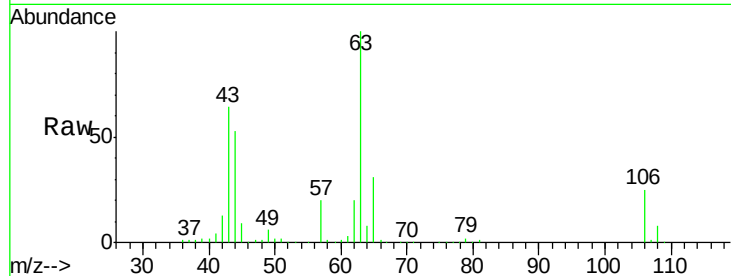
Tgt Ion:107 Resp: 123548
 Ion Ratio Lower Upper
 107 100
 109 92.3 77.1 115.7





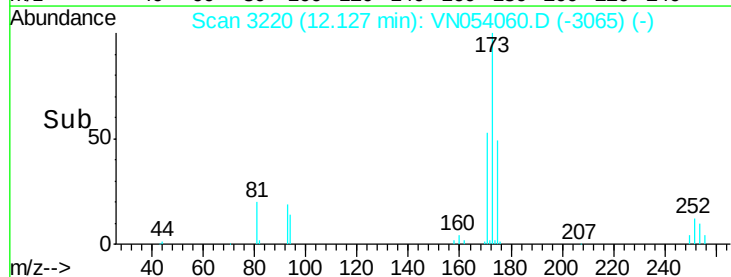
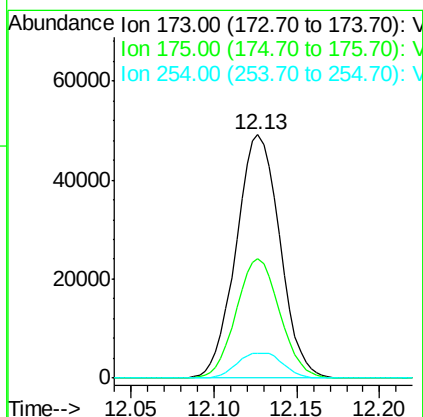
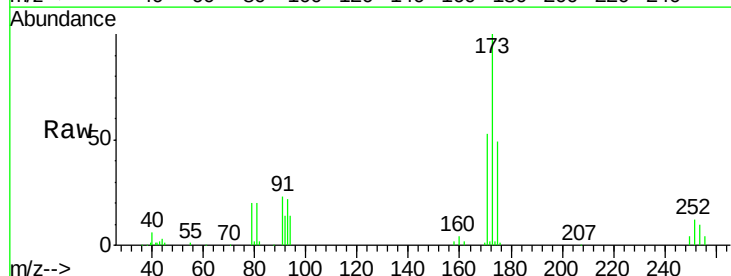
#55
 2-Chloroethyl vinyl ether
 Concen: 98.023 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

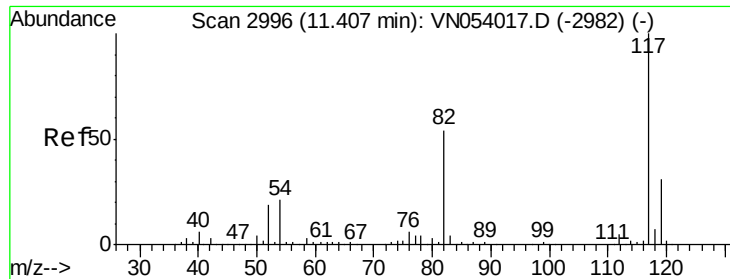
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.4	38.2
106	24.7	20.4	30.6



#56
 Bromoform
 Concen: 20.105 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

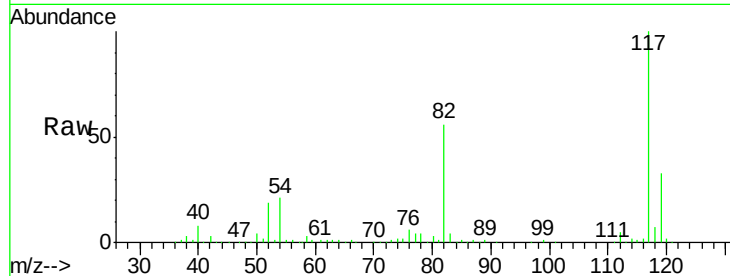
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.7	58.1
254	10.8	8.4	12.6



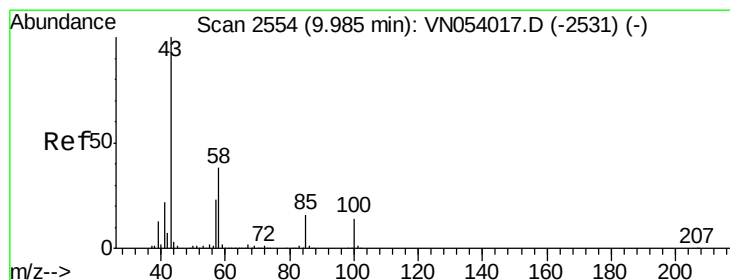
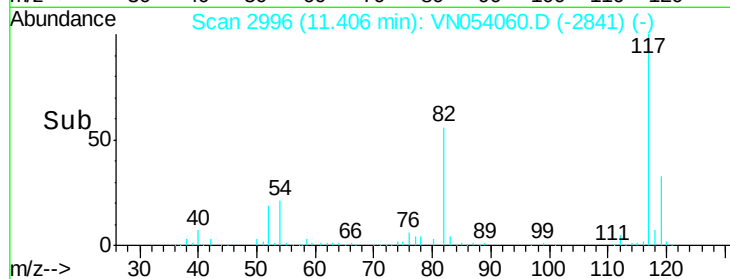
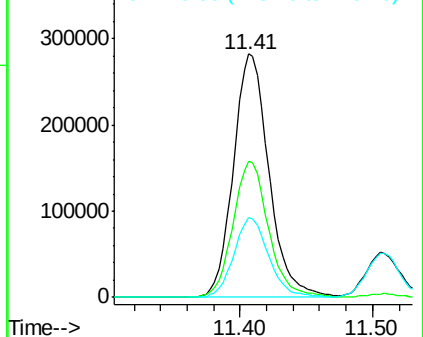


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tot Ion:117 Resp: 526022
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.2 25.4 38.2

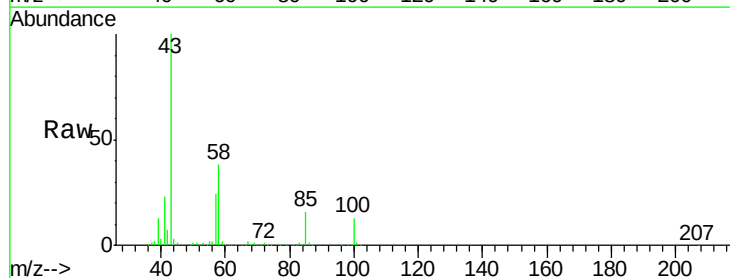


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

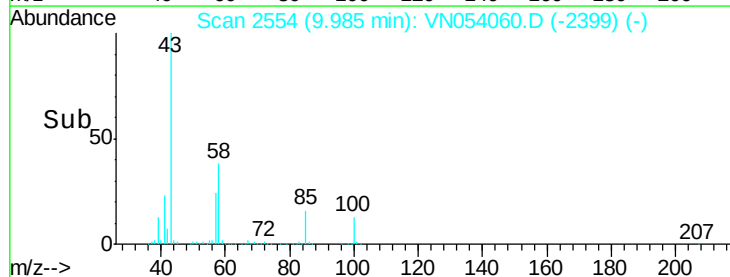
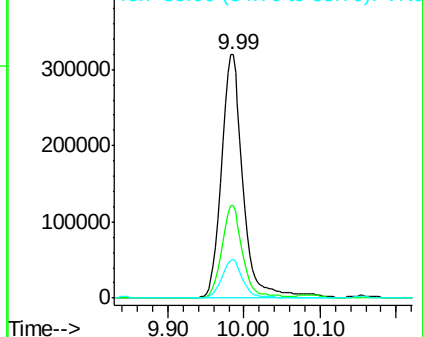


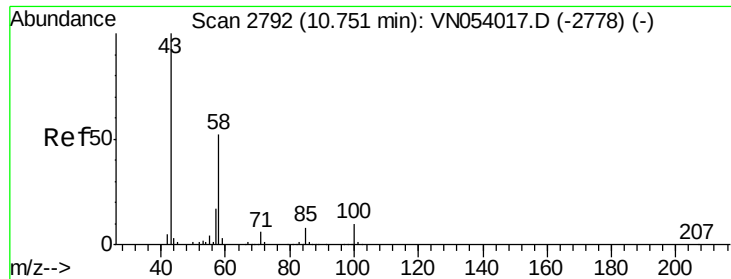
#58
4-Methyl-2-Pentanone
Concen: 106.409 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tgt Ion: 43 Resp: 630714
Ion Ratio Lower Upper
43 100
58 36.7 31.6 47.4
85 15.3 13.3 19.9



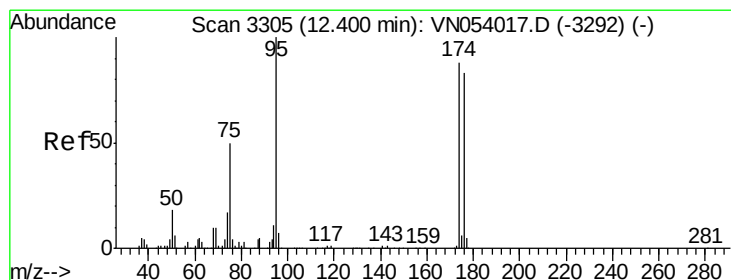
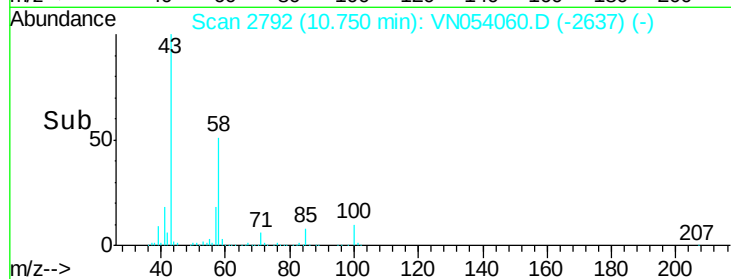
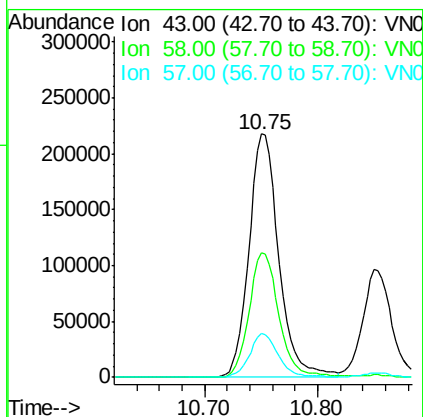
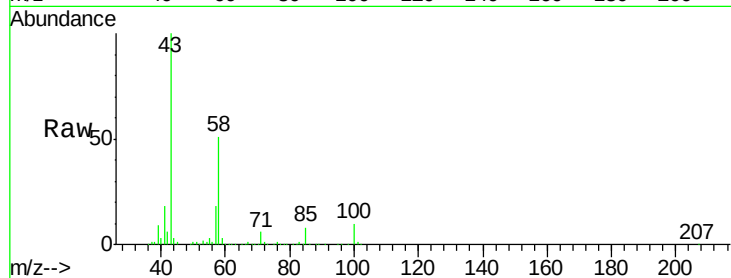
Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN





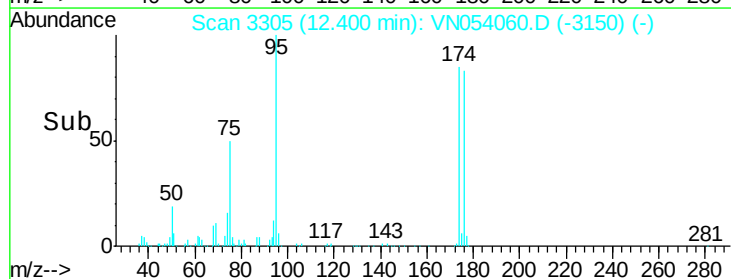
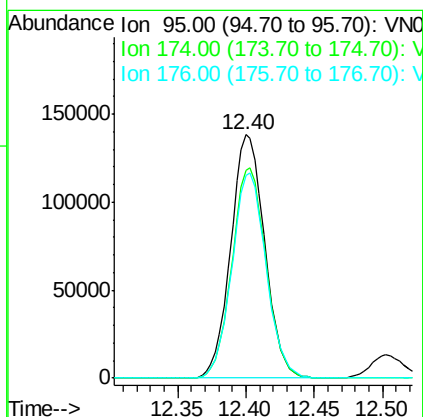
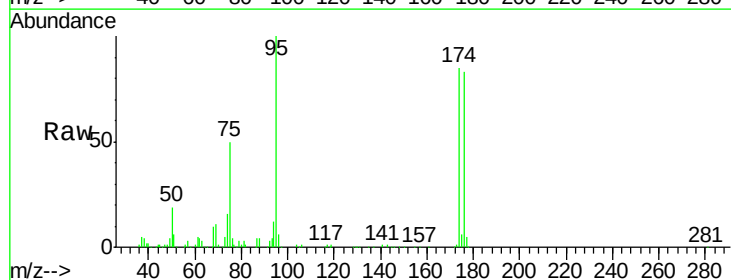
#59
2-Hexanone
Concen: 102.631 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

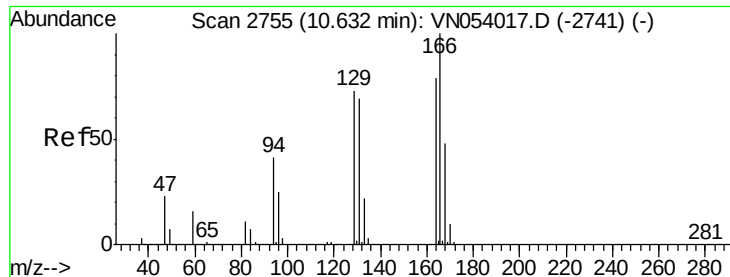
Tot Ion	43	Resp	397448
Ion Ratio	Lower	Upper	
43	100		
58	51.6	43.2	64.8
57	17.6	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 102.631 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

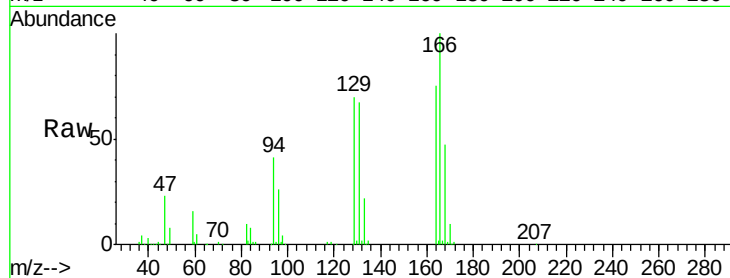
Tgt Ion	95	Resp	239228
Ion Ratio	Lower	Upper	
95	100		
174	86.8	67.9	101.9
176	84.7	66.4	99.6





#61
Tetrachloroethene
Concen: 20.193 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tot Ion	Ratio	Lower	Upper
164	100		
166	133.0	104.6	157.0
129	92.5	75.3	112.9
131	89.1	74.3	111.5

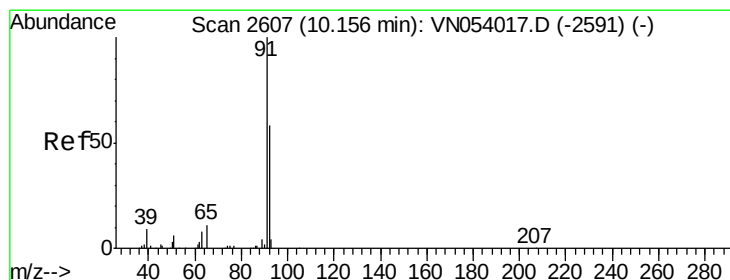
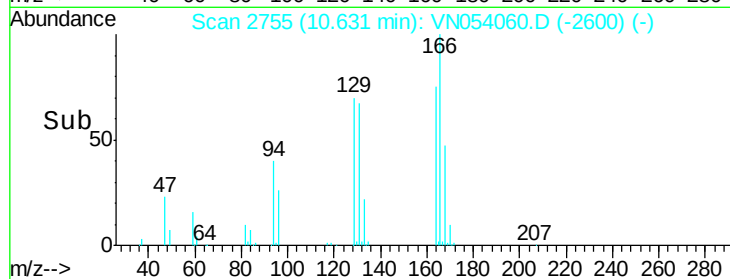
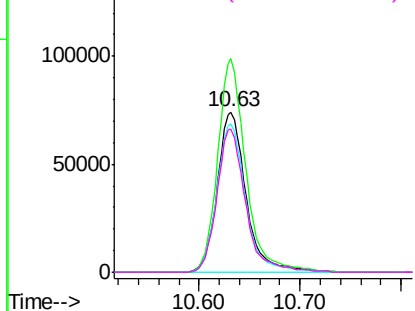


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

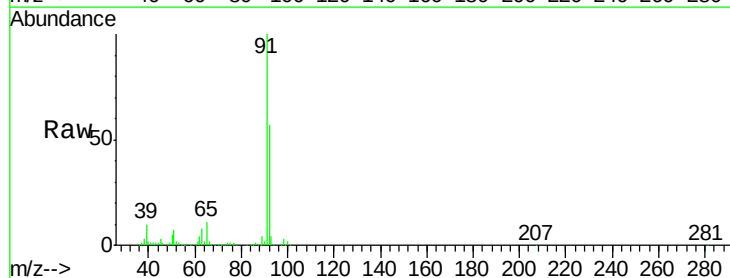
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



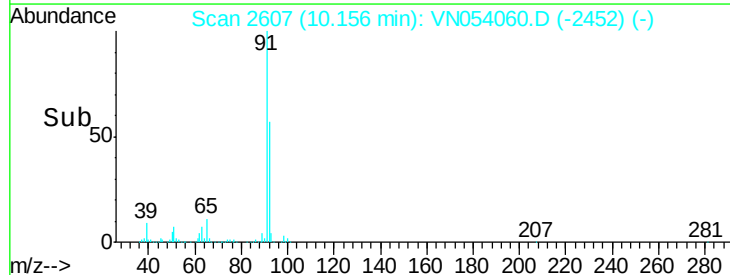
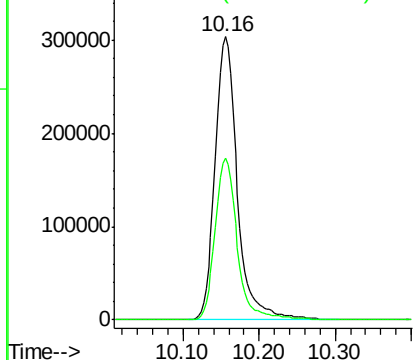
#62
Toluene
Concen: 20.986 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

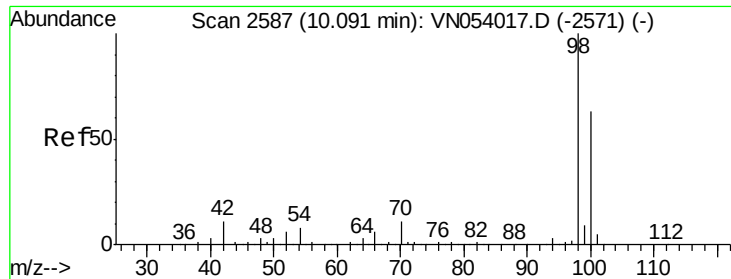
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.0	45.4	68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 20.986 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054060.D

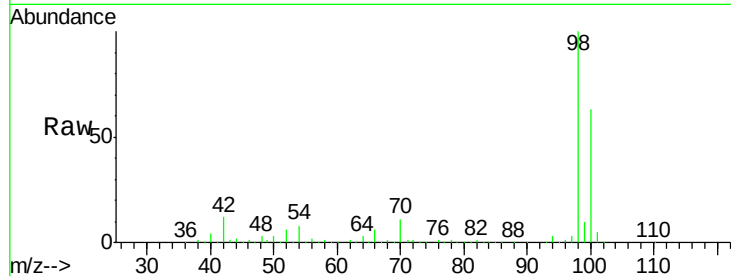
Acq: 4 Mar 2019 11:20

Tot Ion: 98 Resp: 767298

Ion Ratio Lower Upper

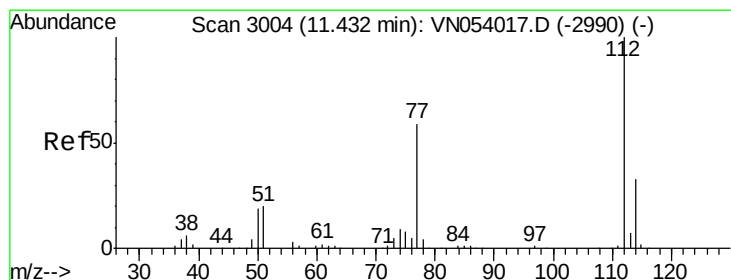
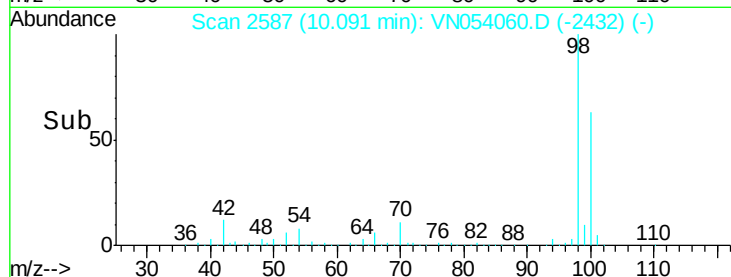
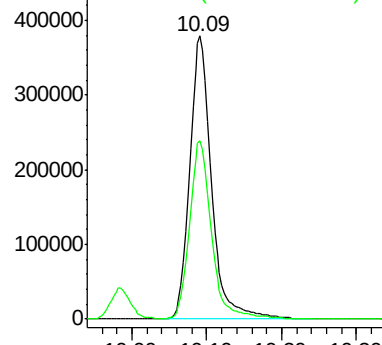
98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 20.327 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN054060.D

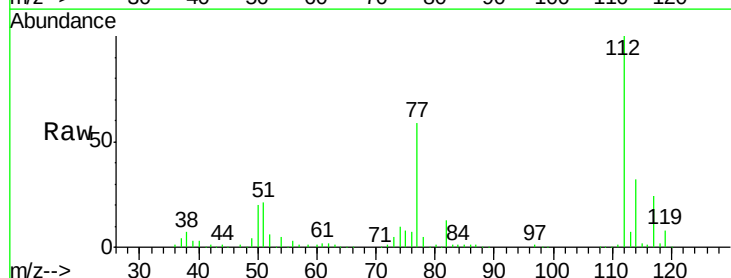
Acq: 4 Mar 2019 11:20

Tgt Ion: 112 Resp: 363869

Ion Ratio Lower Upper

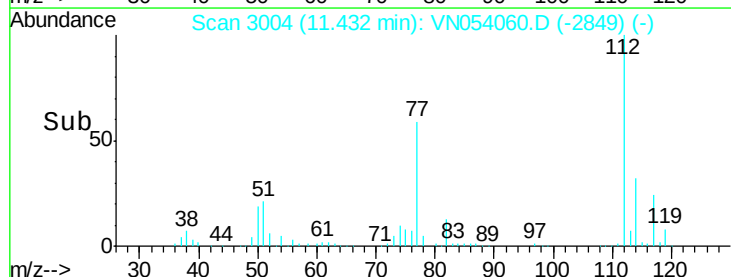
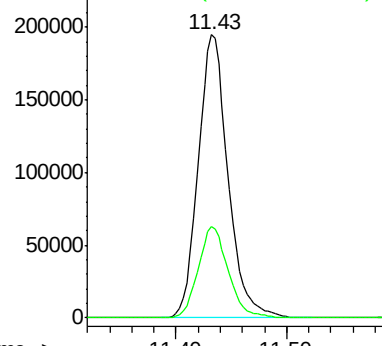
112 100

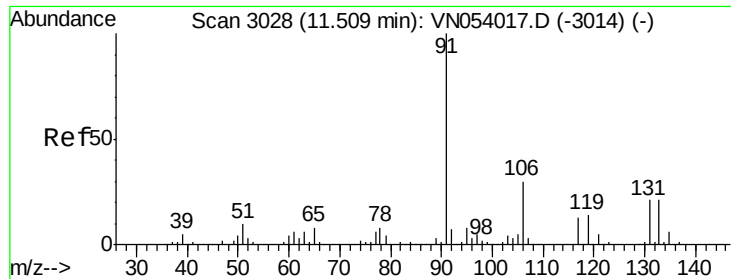
114 32.4 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.853 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

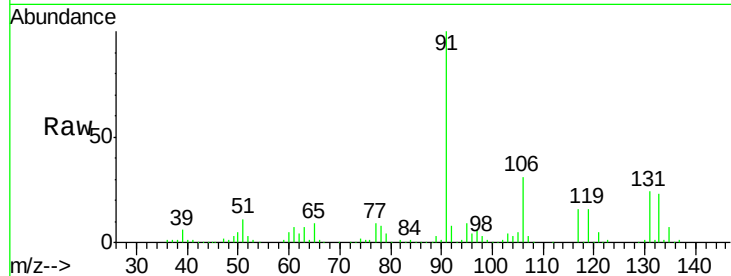
Tot Ion:131 Resp: 137070

Ion Ratio Lower Upper

131 100

133 94.9 0.0 193.4

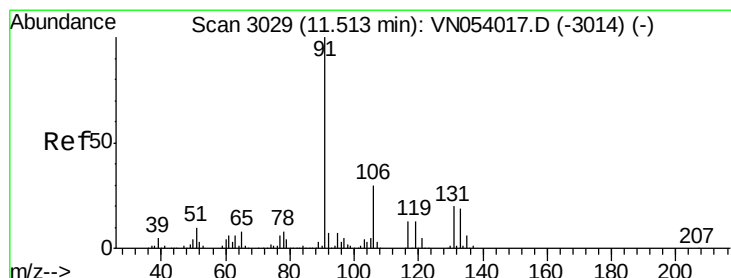
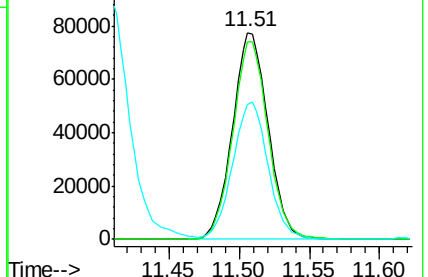
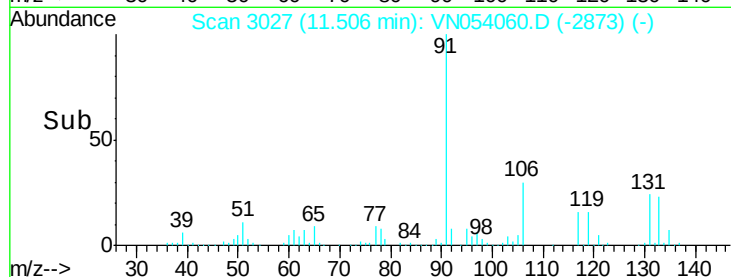
119 66.1 0.0 133.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.263 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054060.D

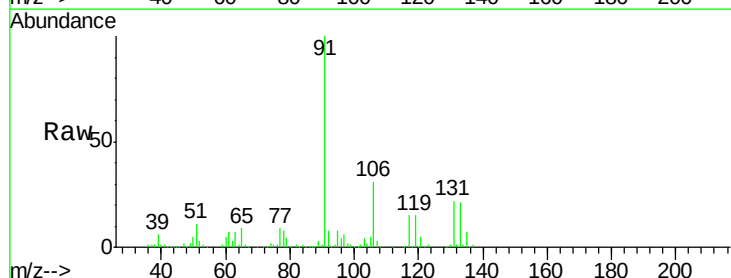
Acq: 4 Mar 2019 11:20

Tgt Ion: 91 Resp: 622673

Ion Ratio Lower Upper

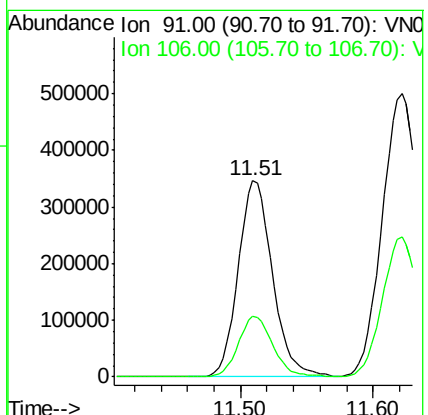
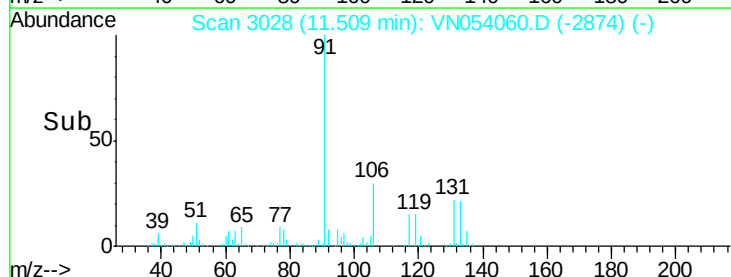
91 100

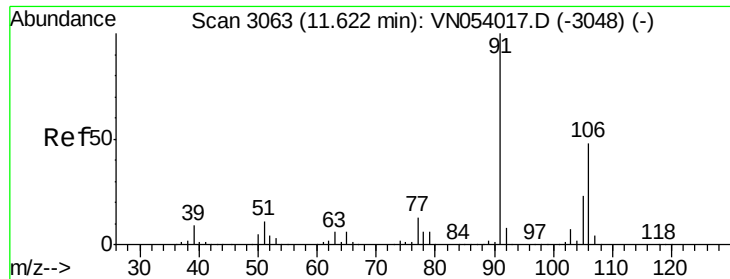
106 31.0 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

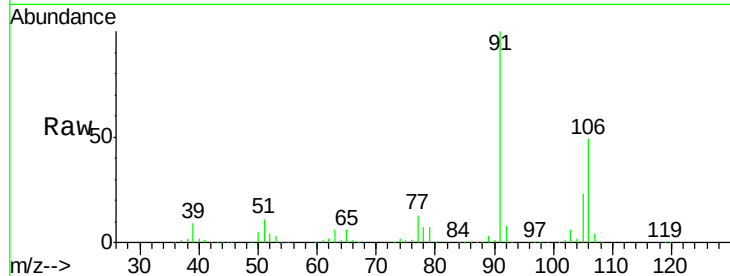
Ion 106.00 (105.70 to 106.70): V



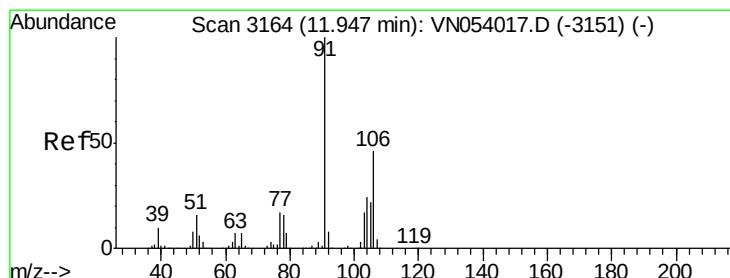
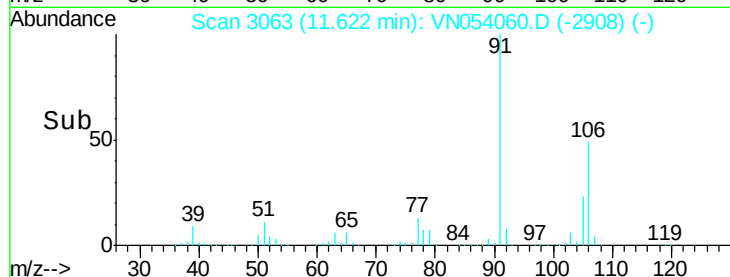
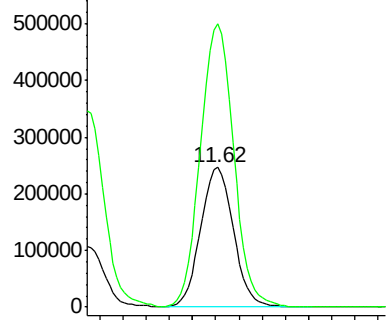


#67
m/p-Xylenes
Concen: 41.925 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tot Ion:106 Resp: 485053
Ion Ratio Lower Upper
106 100
91 204.8 163.9 245.9

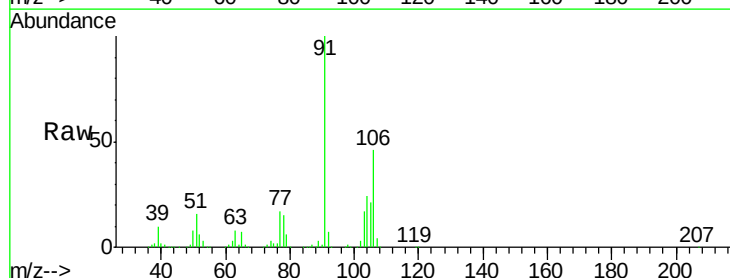


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

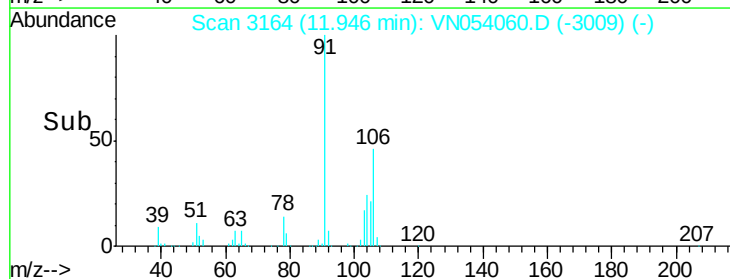
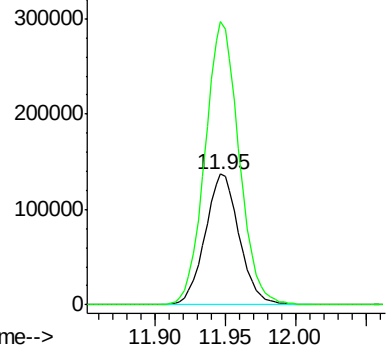


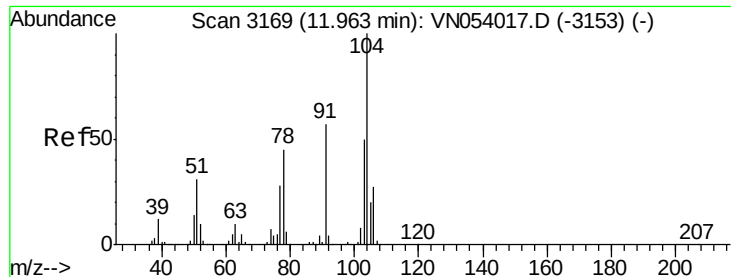
#68
o-Xylene
Concen: 20.739 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054060.D
Acq: 4 Mar 2019 11:20

Tgt Ion:106 Resp: 232591
Ion Ratio Lower Upper
106 100
91 216.0 107.8 323.4



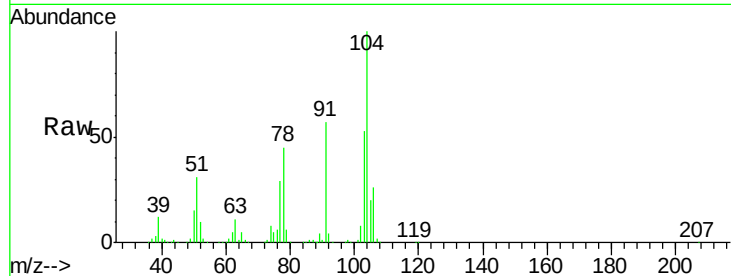
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0



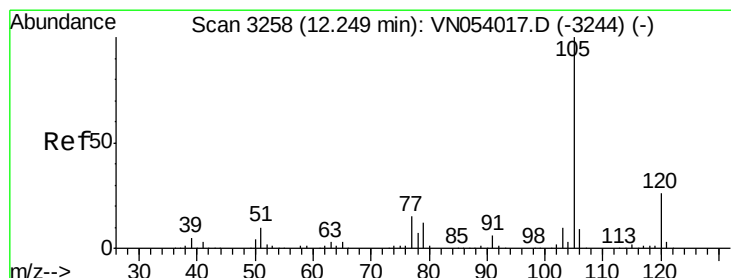
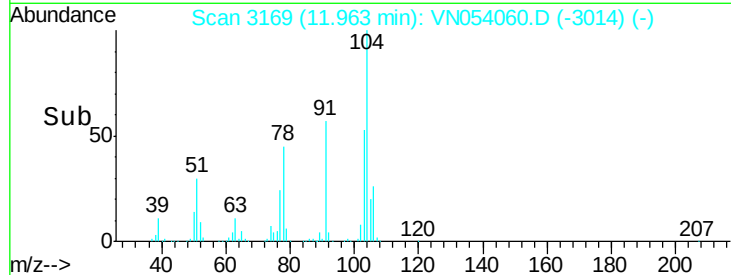
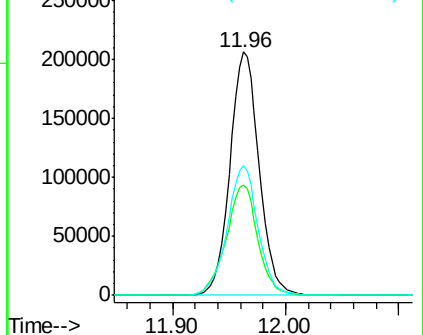


#69
 Stvrene
 Concen: 20.824 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.3	58.9
103	56.3	44.6	66.8

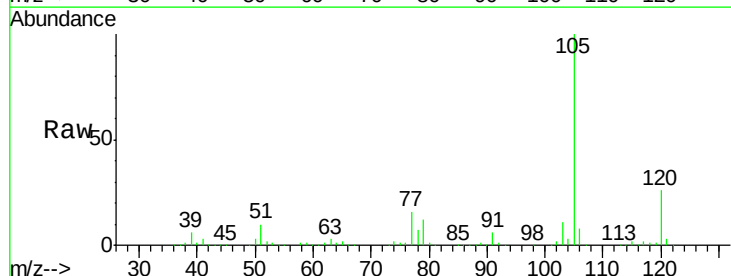


Abundance Ion 104.00 (103.70 to 104.70): V
 Ion 78.00 (77.70 to 78.70): V
 Ion 103.00 (102.70 to 103.70): V

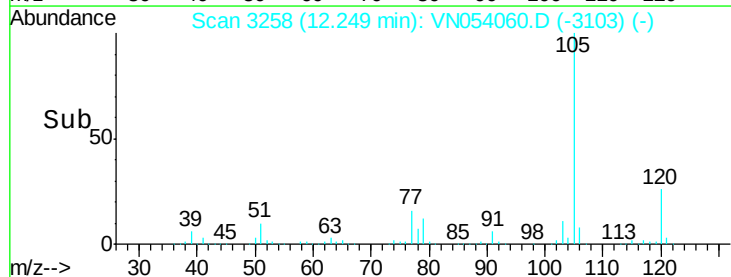
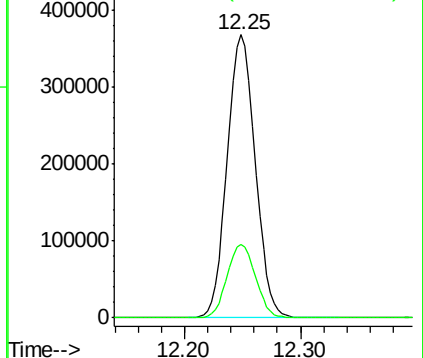


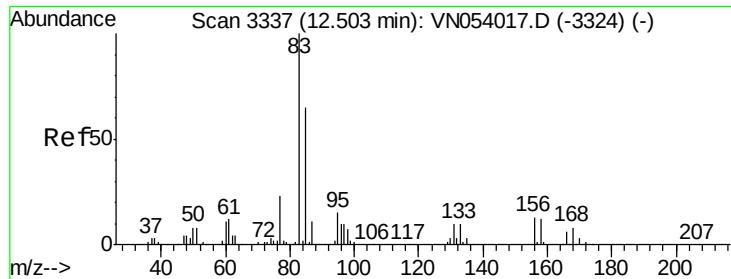
#70
 Isopropylbenzene
 Concen: 20.894 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.6	34.6



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





#71

1,1,2,2-Tetrachloroethane

Concen: 20.679 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

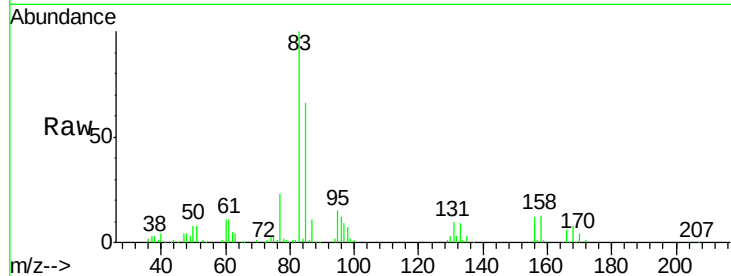
Tot Ion: 83 Resp: 150238

Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.9	14.6
85	65.4	32.2	96.6

83 100

131 10.2 4.9 14.6

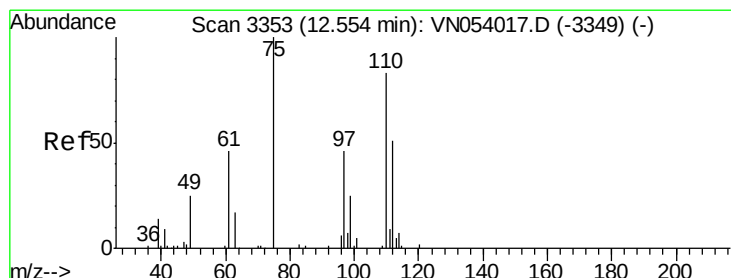
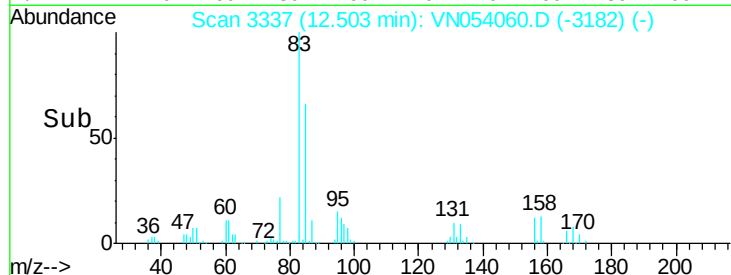
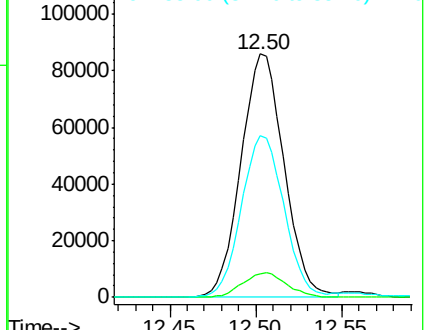
85 65.4 32.2 96.6



Abundance Ion 83.00 (82.70 to 83.70): VN054017.D (-3324) (-)

Ion 131.00 (130.70 to 131.70): VN054017.D (-3324) (-)

Ion 85.00 (84.70 to 85.70): VN054017.D (-3324) (-)



#72

1,2,3-Trichloropropane

Concen: 23.238 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN054060.D

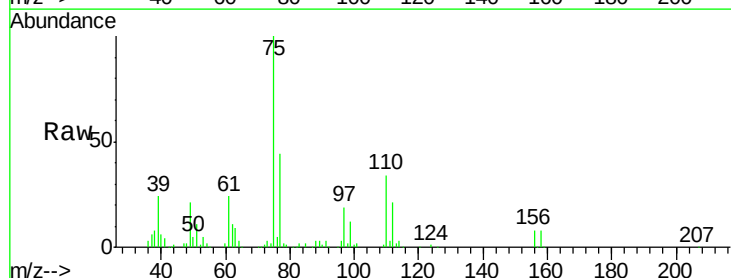
Acq: 4 Mar 2019 11:20

Tgt Ion: 75 Resp: 128191

Ion	Ratio	Lower	Upper
75	100		
77	226.3	0.0	514.8

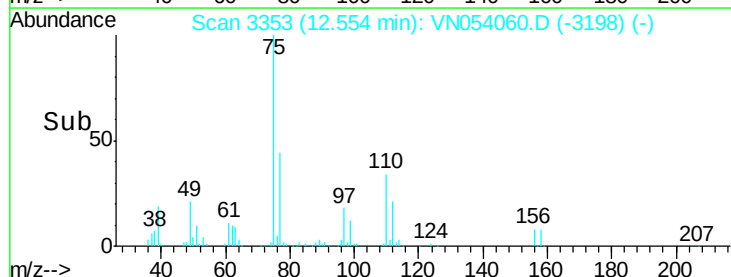
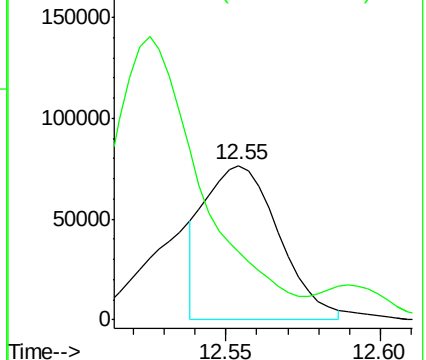
75 100

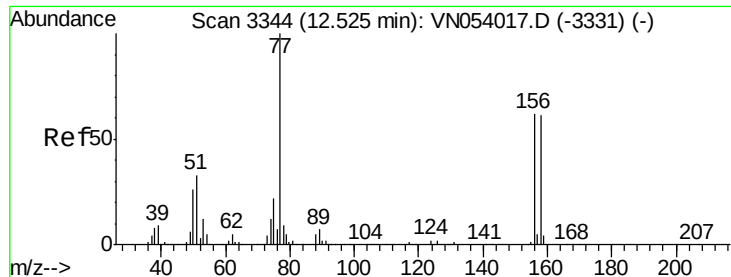
77 226.3 0.0 514.8



Abundance Ion 75.00 (74.70 to 75.70): VN054017.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN054017.D (-3349) (-)





#73

Bromobenzene

Concen: 20.467 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

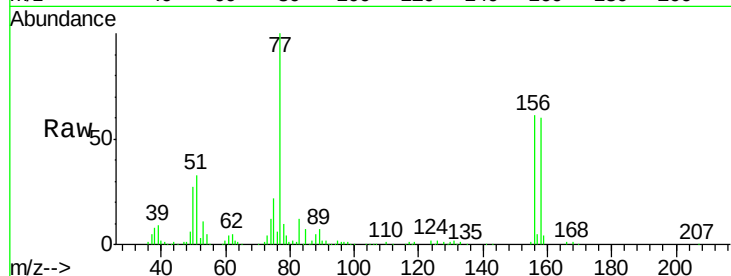
Tot Ion:156 Resp: 151888

Ion Ratio Lower Upper

156 100

77 191.0 0.0 382.6

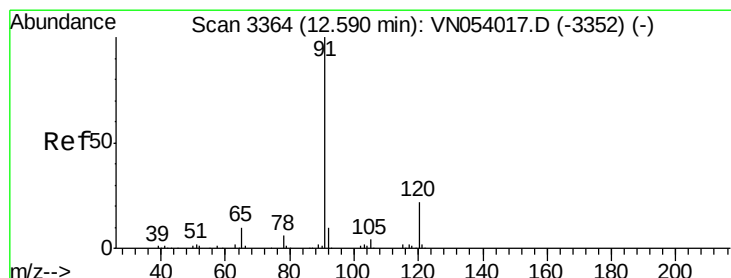
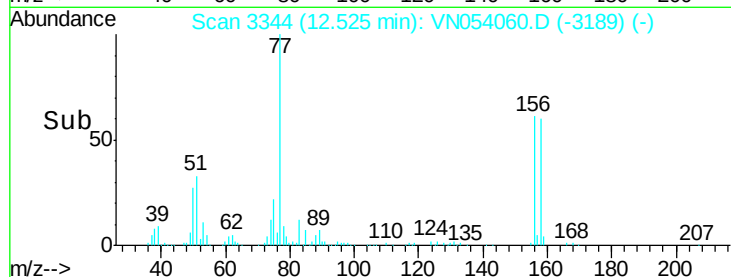
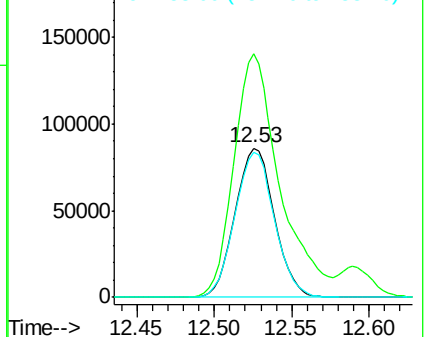
158 98.1 0.0 196.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.385 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054060.D

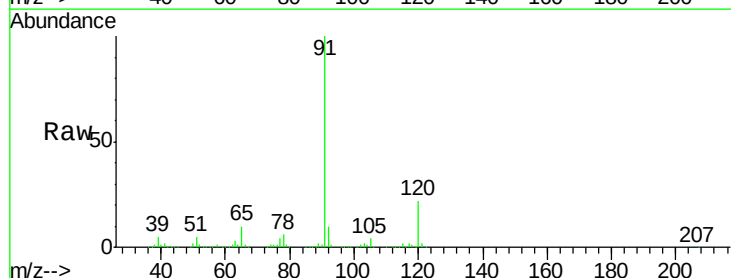
Acq: 4 Mar 2019 11:20

Tgt Ion: 91 Resp: 714534

Ion Ratio Lower Upper

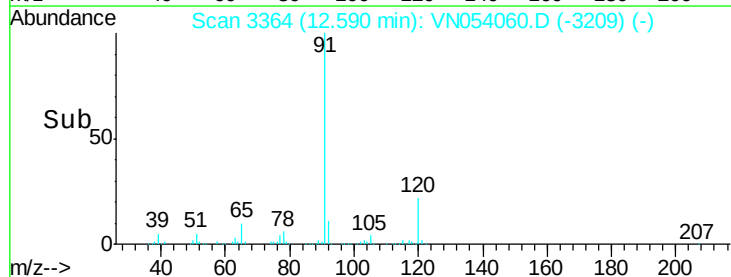
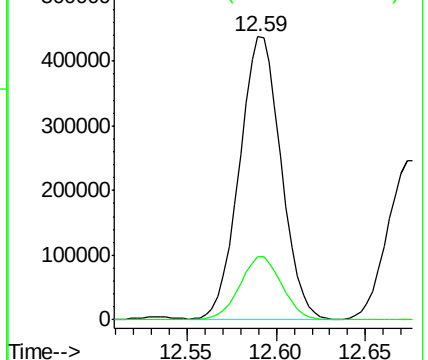
91 100

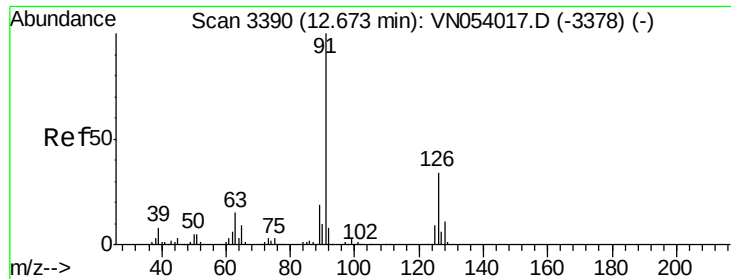
120 22.5 0.0 44.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.692 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN054060.D

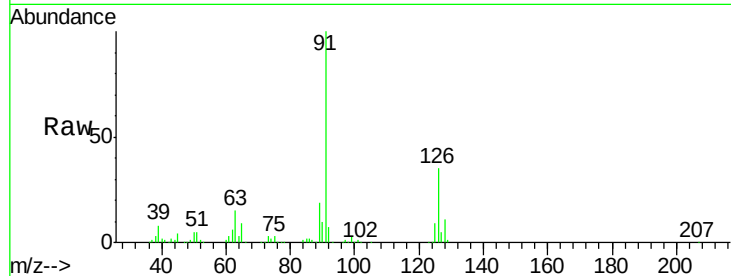
Acq: 4 Mar 2019 11:20

Tot Ion: 91 Resp: 424716

Ion Ratio Lower Upper

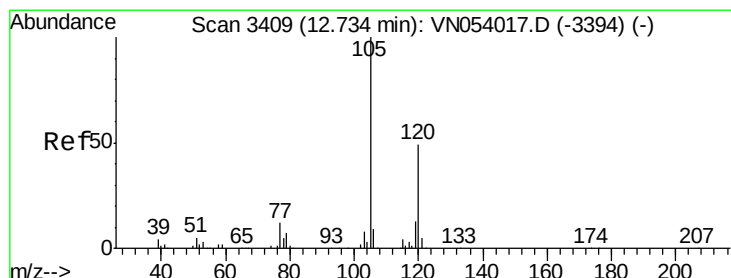
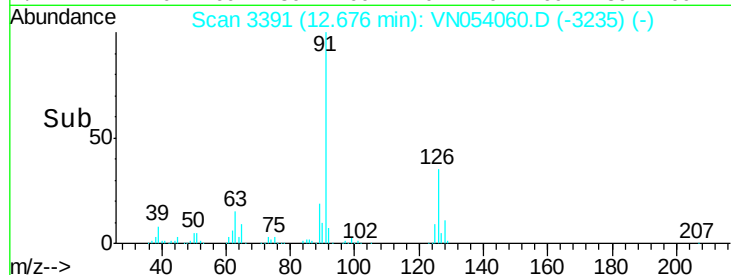
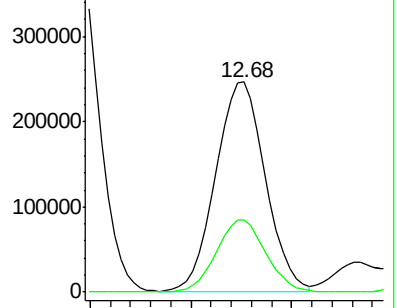
91 100

126 34.2 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN054017.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN054017.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.625 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054060.D

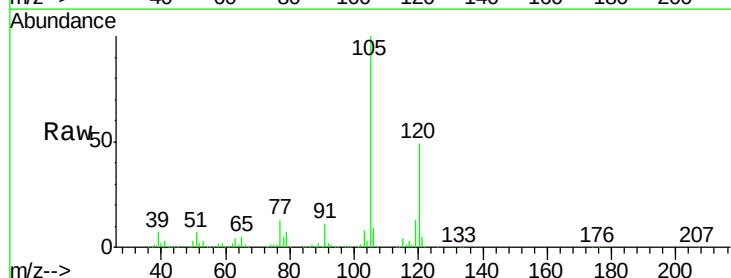
Acq: 4 Mar 2019 11:20

Tgt Ion: 105 Resp: 514264

Ion Ratio Lower Upper

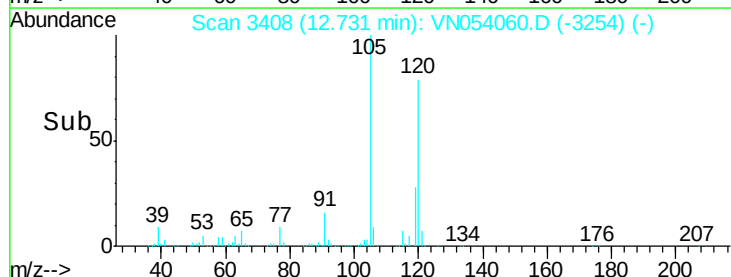
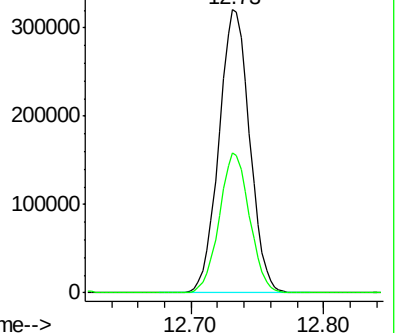
105 100

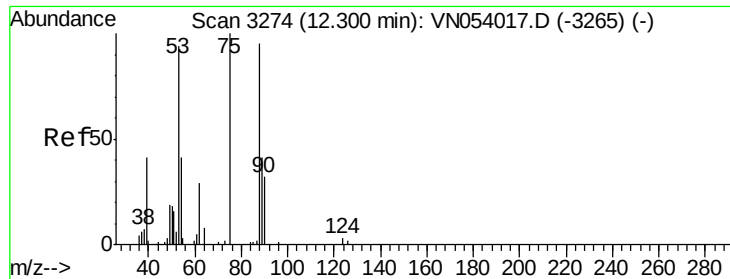
120 48.7 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VN054017.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054017.D (-3394) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.356 ug/l

RT: 12.30 min Scan# 3274

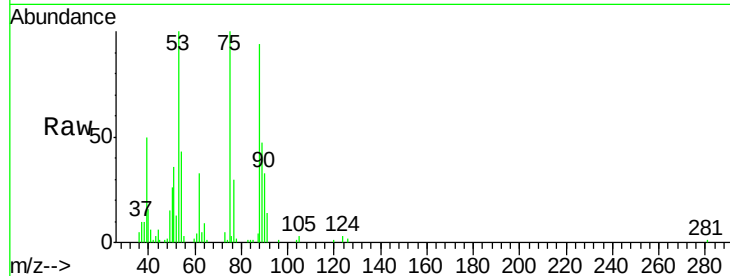
Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

Tot Ion: 75 Resp: 37997

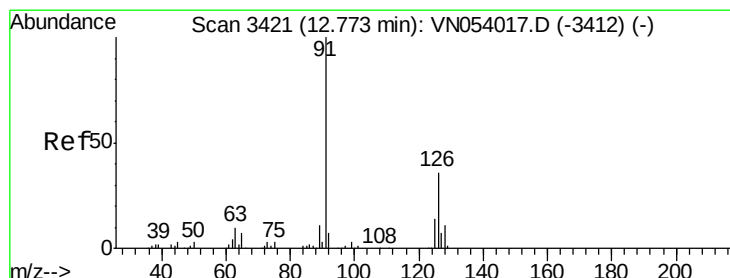
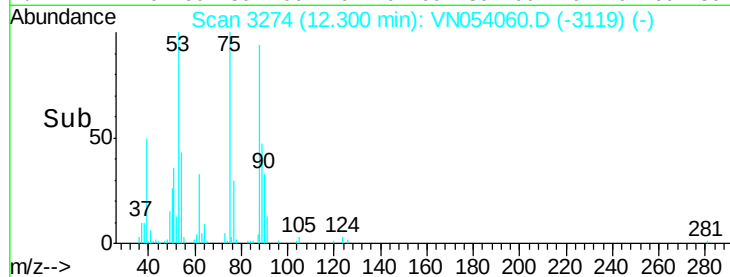
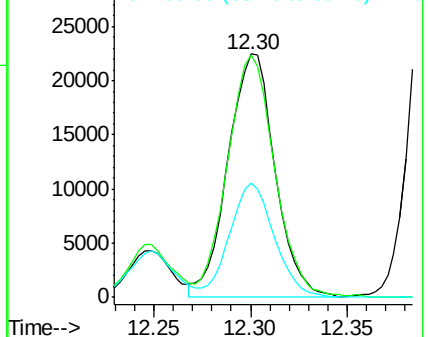
Ion	Ratio	Lower	Upper
75	100		
53	98.6	48.5	145.6
89	47.1	21.7	65.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 20.297 ug/l

RT: 12.77 min Scan# 3421

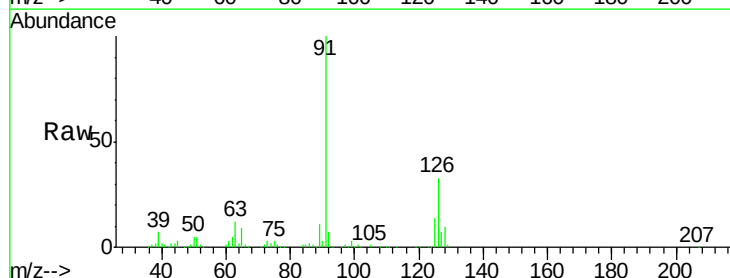
Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

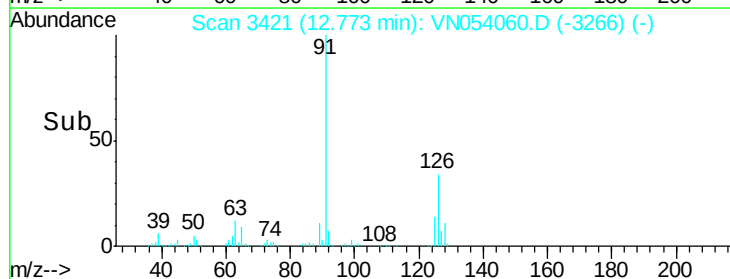
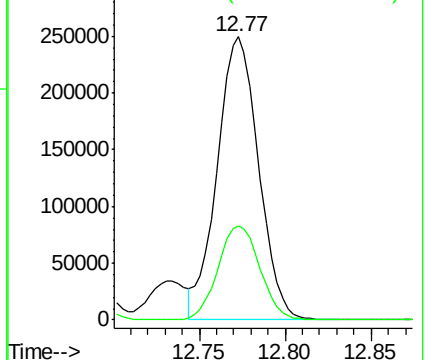
Tgt Ion: 91 Resp: 416879

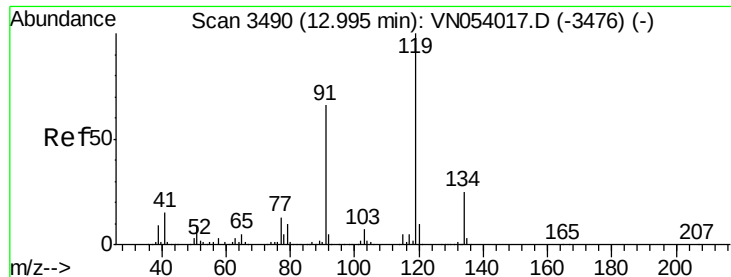
Ion	Ratio	Lower	Upper
91	100		
126	33.8	0.0	68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 20.610 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

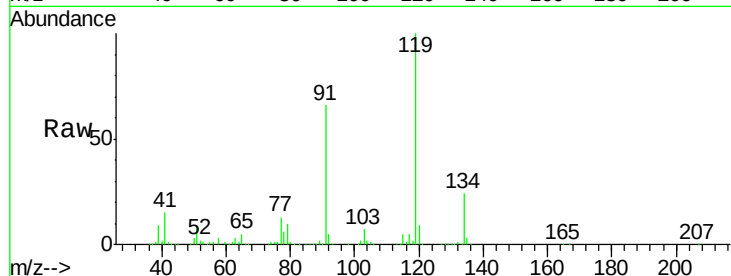
Tot Ion:119 Resp: 450293

Ion Ratio Lower Upper

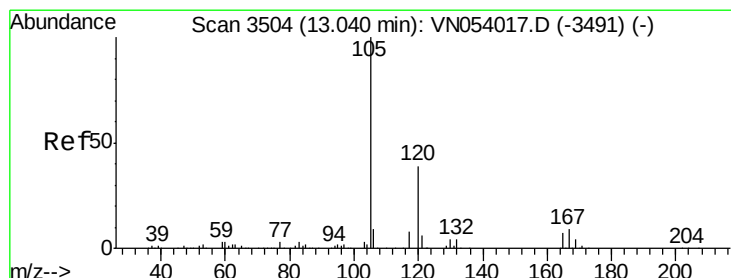
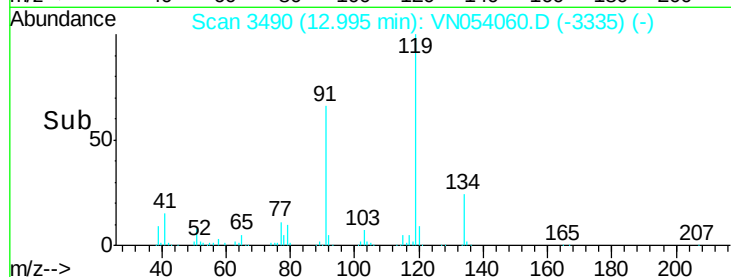
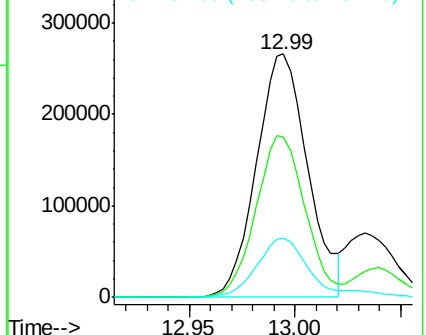
119 100

91 63.5 0.0 129.8

134 23.7 0.0 52.2



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



#80

1,2,4-Trimethylbenzene

Concen: 20.823 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054060.D

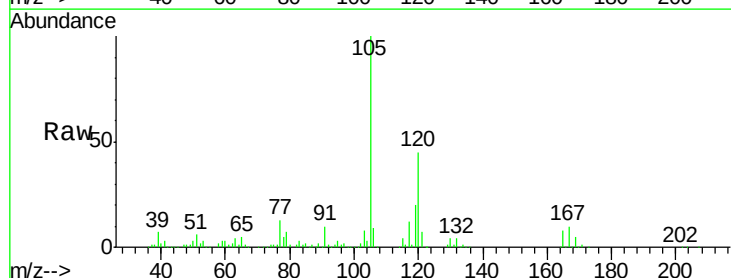
Acq: 4 Mar 2019 11:20

Tgt Ion:105 Resp: 516750

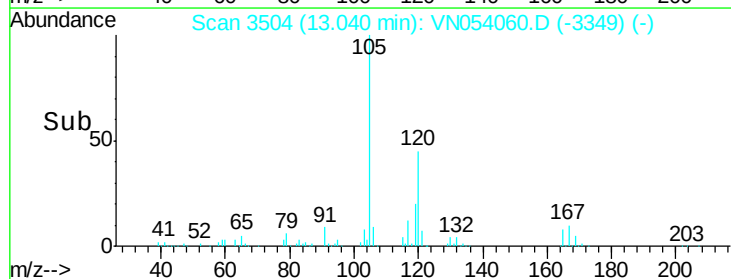
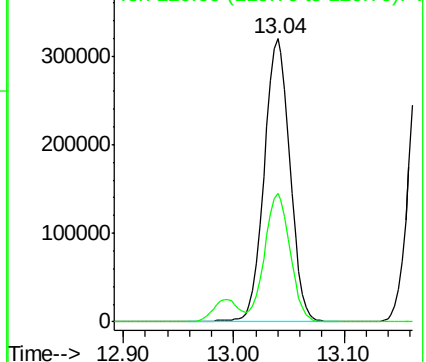
Ion Ratio Lower Upper

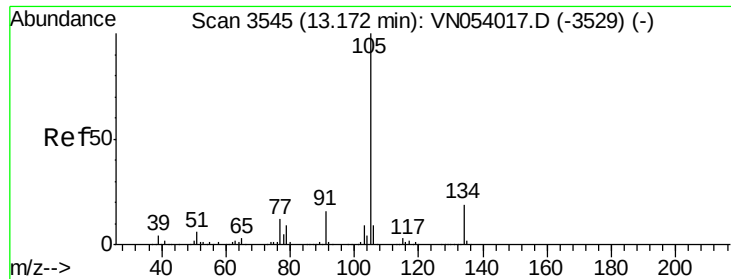
105 100

120 44.9 0.0 91.0



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





#81

sec-Butylbenzene

Concen: 20.278 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054060.D

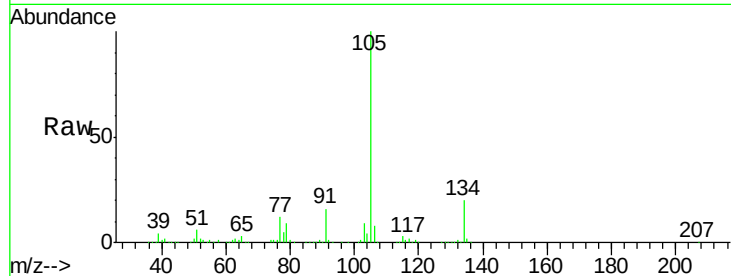
Acq: 4 Mar 2019 11:20

Tot Ion:105 Resp: 607645

Ion Ratio Lower Upper

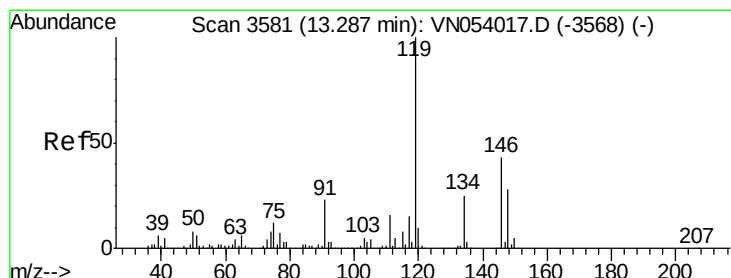
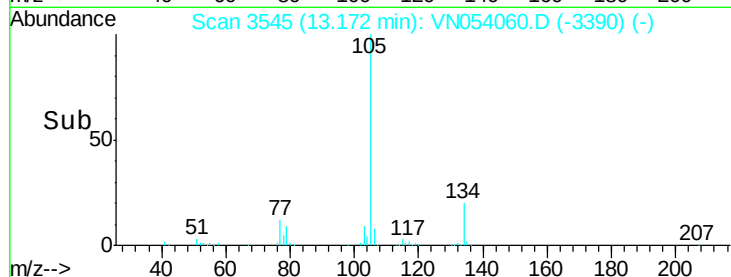
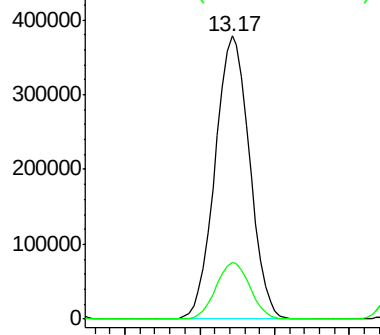
105 100

134 19.8 0.0 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.121 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

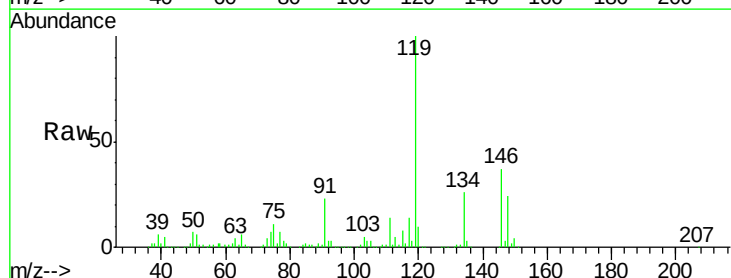
Tgt Ion:119 Resp: 514822

Ion Ratio Lower Upper

119 100

134 26.3 0.0 52.6

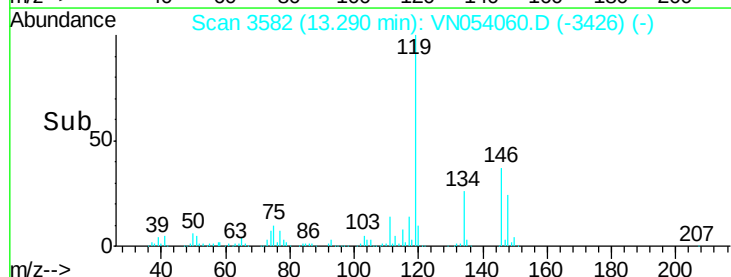
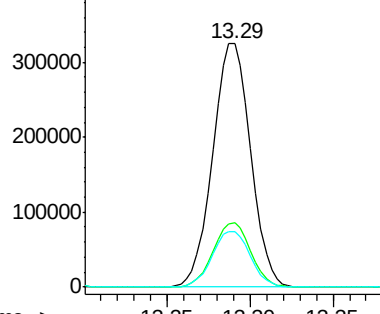
91 23.3 0.0 46.2

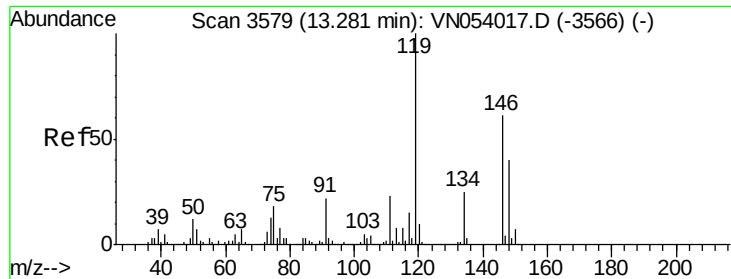


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

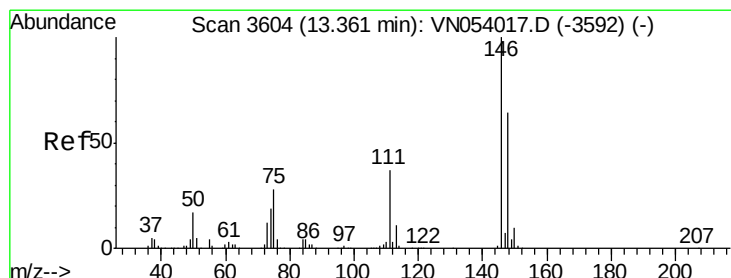
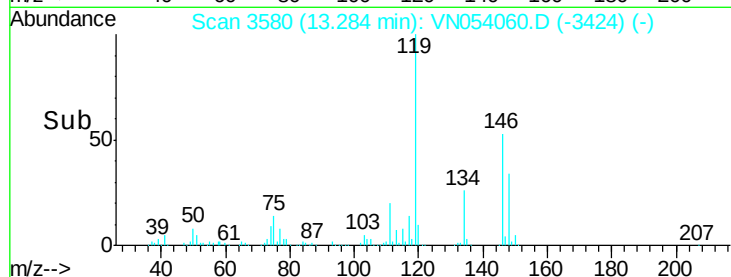
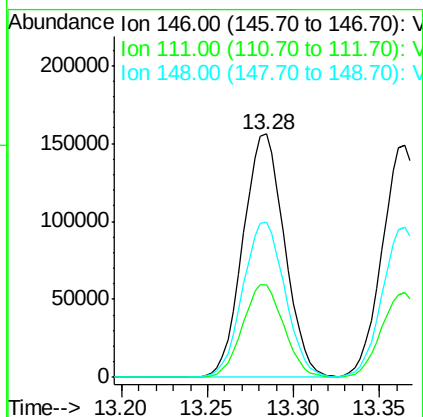
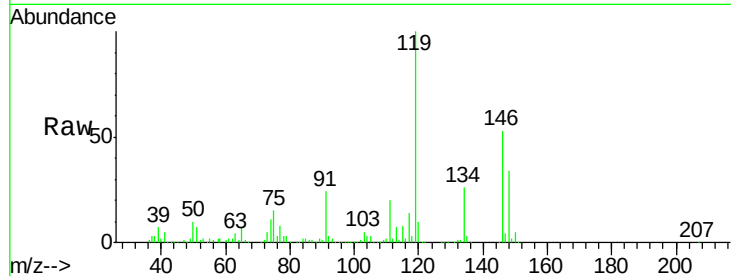
Ion 91.00 (90.70 to 91.70): V





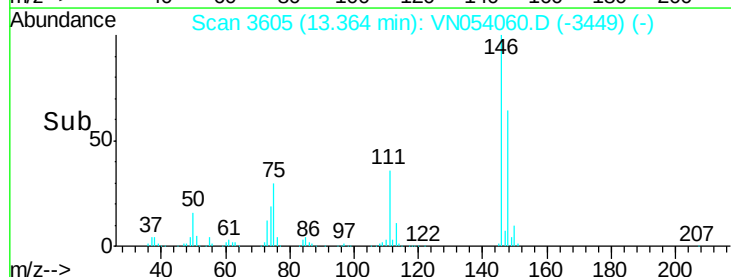
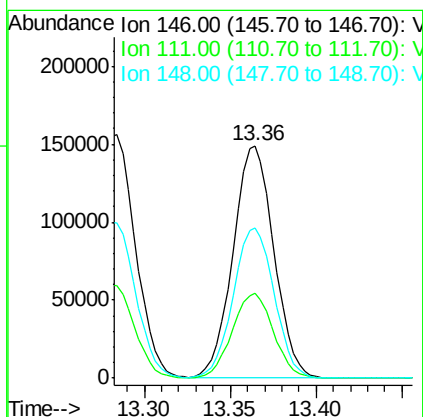
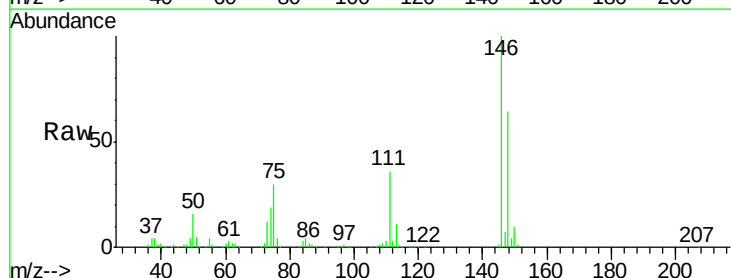
#83
 1,3-Dichlorobenzene
 Concen: 20.026 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

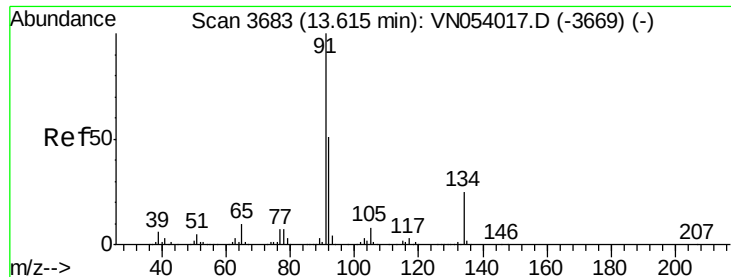
Tot Ion:146 Resp: 262143
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.7 59.0
 148 64.7 32.3 96.8



#84
 1,4-Dichlorobenzene
 Concen: 19.674 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tgt Ion:146 Resp: 245879
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.8 56.3
 148 65.0 32.5 97.4





#85

n-Butylbenzene

Concen: 18.648 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

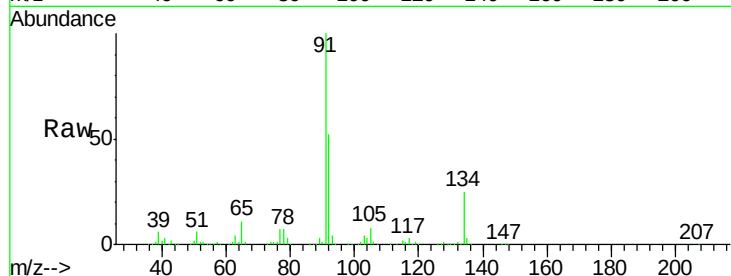
Tot Ion: 91 Resp: 415851

Ion Ratio Lower Upper

91 100

92 51.6 0.0 104.2

134 24.9 0.0 50.6

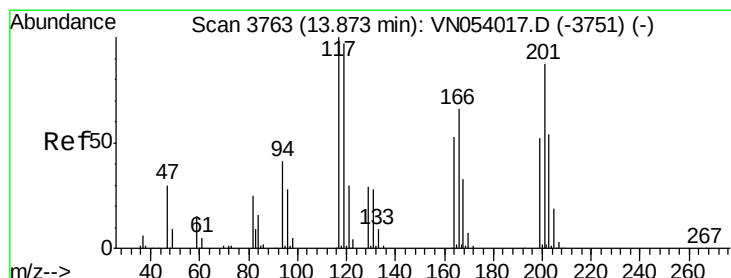
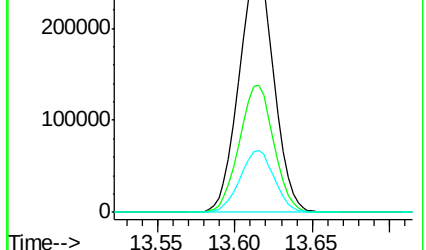
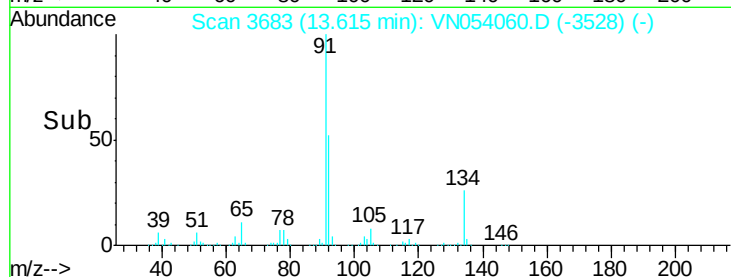


Abundance Ion 91.00 (90.70 to 91.70): VN054017.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN054017.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN054017.D (-3669) (-)

Time-->



#86

Hexachloroethane

Concen: 19.766 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054060.D

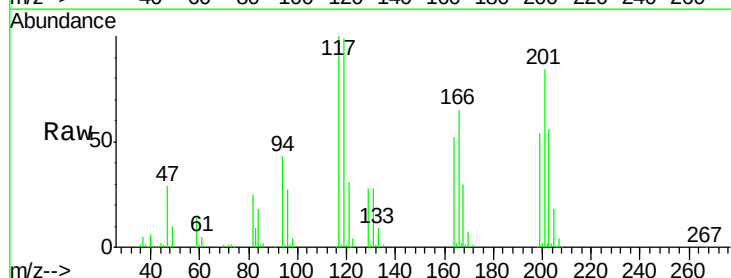
Acq: 4 Mar 2019 11:20

Tgt Ion: 117 Resp: 94552

Ion Ratio Lower Upper

117 100

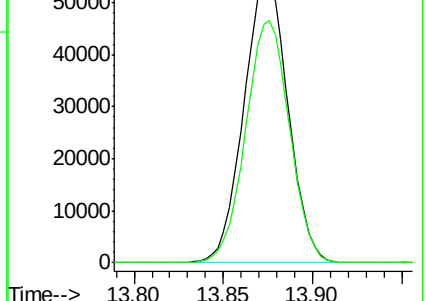
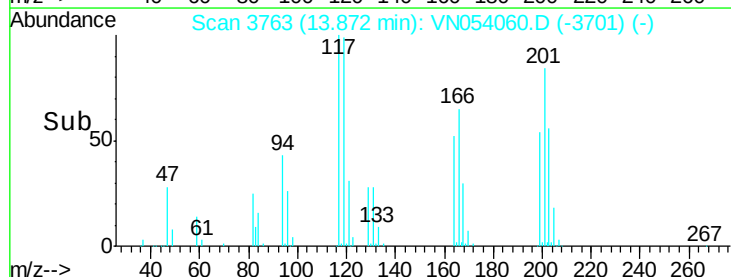
201 84.5 43.8 131.3

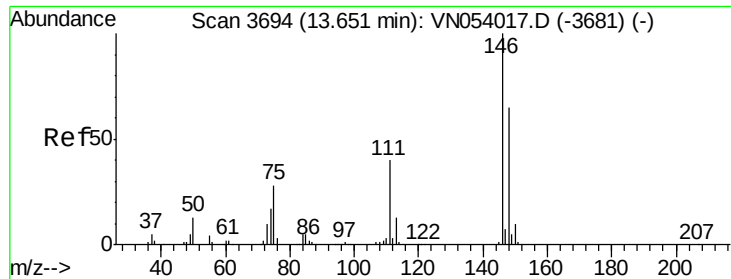


Abundance Ion 117.00 (116.70 to 117.70): VN054017.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN054017.D (-3751) (-)

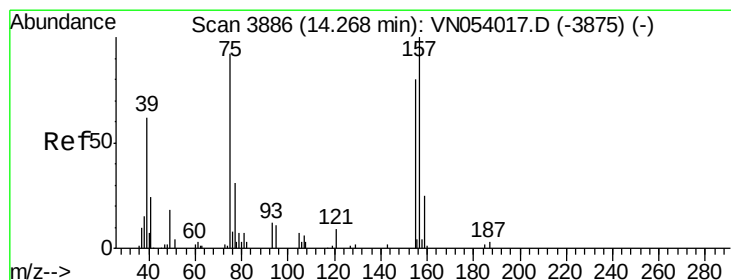
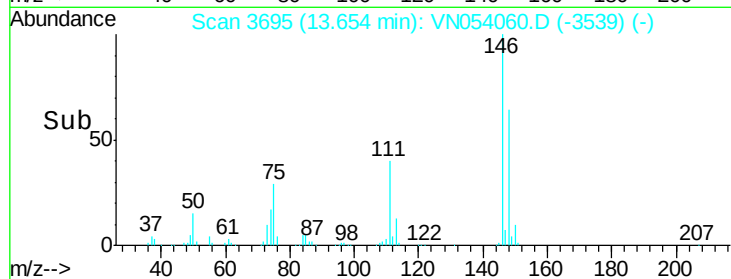
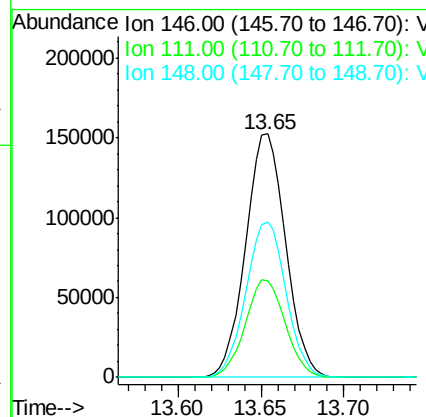
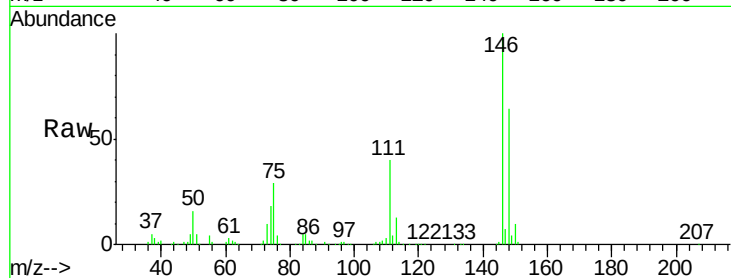
Time-->





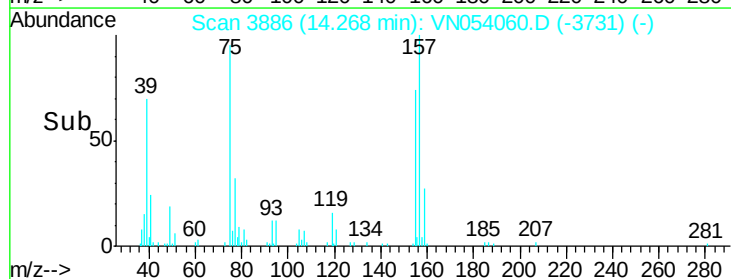
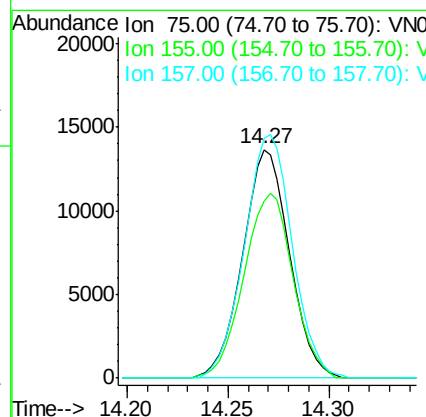
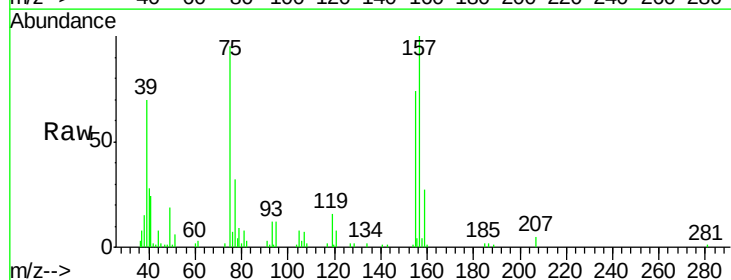
#87
 1,2-Dichlorobenzene
 Concen: 20.226 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

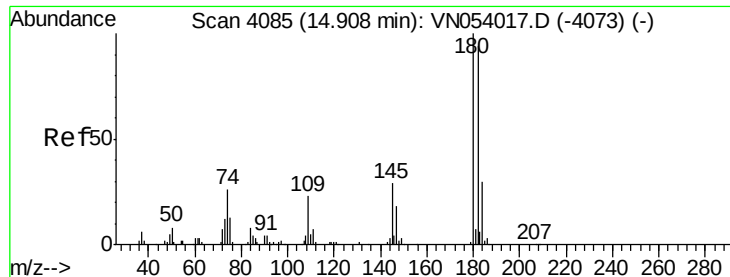
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.8
148	64.1	32.1	96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.159 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

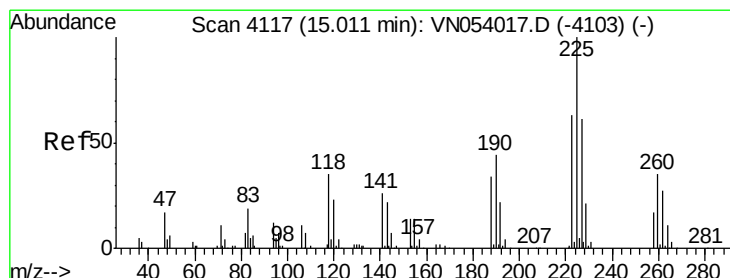
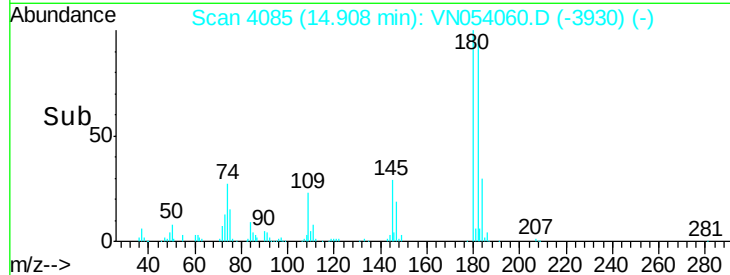
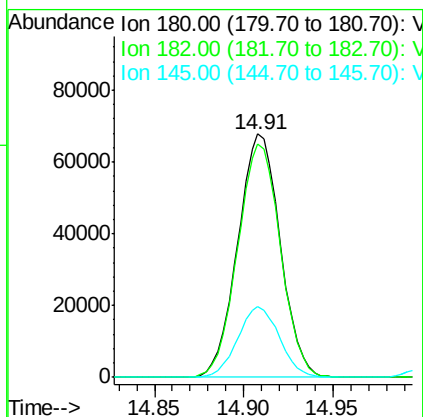
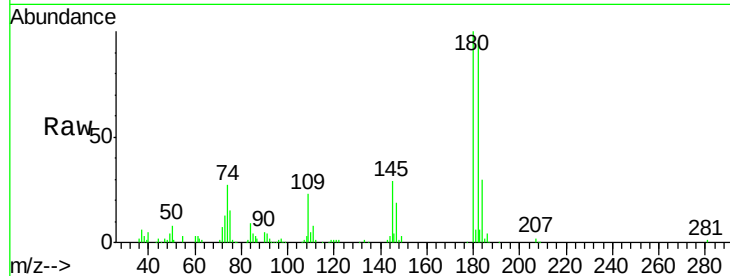
Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	72.2	108.2
157	109.2	94.2	141.2





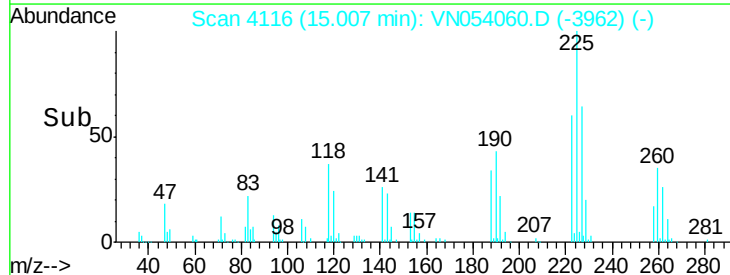
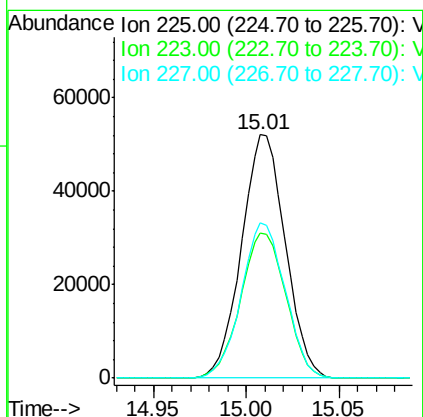
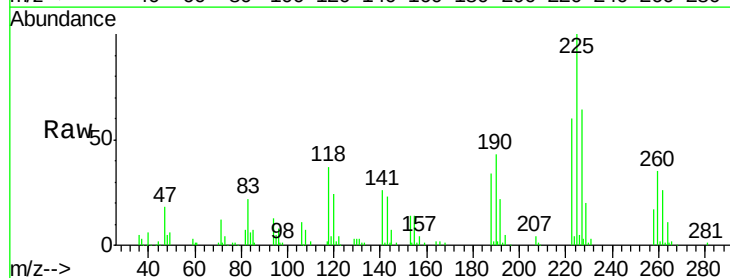
#89
 1,2,4-Trichlorobenzene
 Concen: 17.407 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

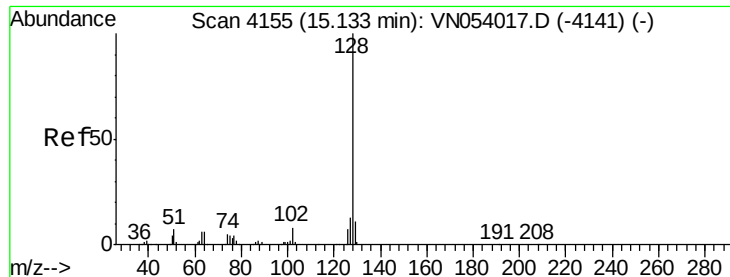
Tot Ion:180 Resp: 112268
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.6 114.8
 145 28.4 23.6 35.4



#90
 Hexachlorobutadiene
 Concen: 18.225 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN054060.D
 Acq: 4 Mar 2019 11:20

Tgt Ion:225 Resp: 85398
 Ion Ratio Lower Upper
 225 100
 223 61.5 0.0 125.6
 227 64.0 0.0 127.8





#91

Naphthalene

Concen: 19.695 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

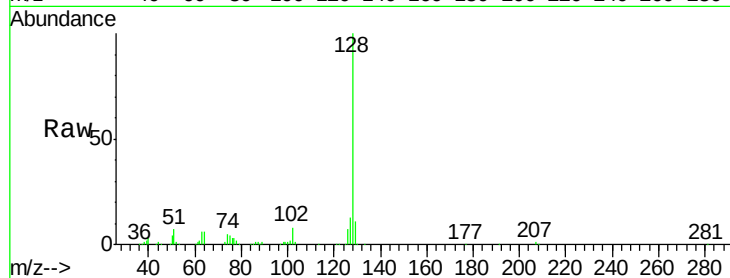
Tot Ion:128 Resp: 223882

Ion Ratio Lower Upper

128 100

127 12.9 9.9 14.9

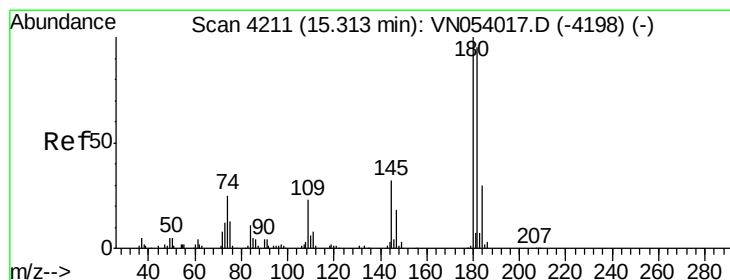
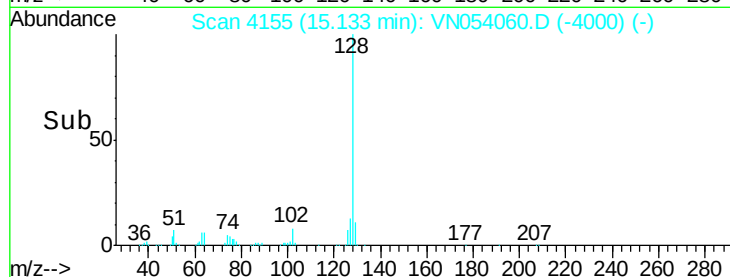
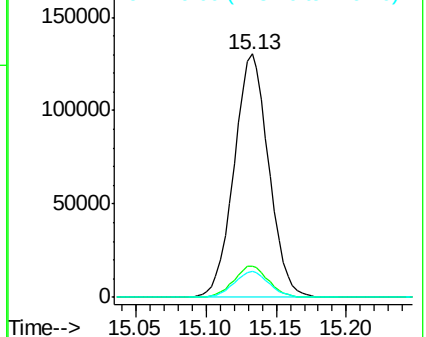
129 10.7 8.5 12.7



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



#92

1,2,3-Trichlorobenzene

Concen: 18.030 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054060.D

Acq: 4 Mar 2019 11:20

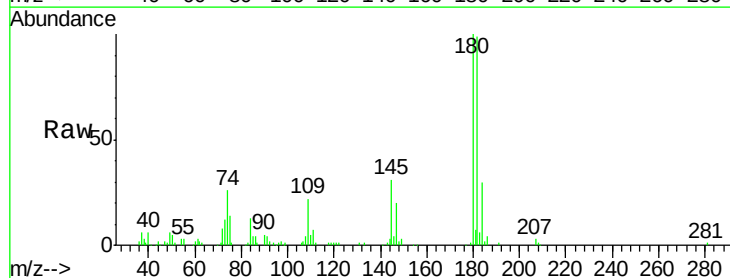
Tgt Ion:180 Resp: 114832

Ion Ratio Lower Upper

180 100

182 97.3 0.0 196.2

145 31.1 0.0 62.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

