

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055678.D
 Acq On : 20 May 2019 16:52
 Operator : JC/SP
 Sample : VN0520MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 21 04:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	330965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	492632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	416863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167631	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	169101	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
35) Dibromofluoromethane	7.59	113	156390	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	10.09	98	575552	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.40	95	183384	44.88	ug/l	0.00
Spiked Amount			Recovery	=	89.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	43961	17.263	ug/l	100
3) Chloromethane	2.06	50	56729	16.702	ug/l	100
4) Vinyl Chloride	2.18	62	65370	17.774	ug/l	98
5) Bromomethane	2.54	94	45920	19.591	ug/l	99
6) Chloroethane	2.69	64	38079	18.647	ug/l	97
7) Trichlorofluoromethane	3.02	101	86187	18.287	ug/l	98
8) Diethyl Ether	3.41	74	36299	19.172	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	53278	18.542	ug/l	98
10) Methyl Iodide	3.96	142	77521	18.714	ug/l	99
11) Tert butyl alcohol	4.77	59	67321	99.504	ug/l	98
12) 1,1-Dichloroethene	3.74	96	54771	18.121	ug/l	99
13) Acrolein	3.61	56	30790	90.094	ug/l	94
14) Allyl chloride	4.33	41	85673	17.558	ug/l	98
15) Acrylonitrile	4.99	53	143965	95.642	ug/l	99
16) Acetone	3.82	43	117658	79.467	ug/l	96
17) Carbon Disulfide	4.06	76	143248	17.048	ug/l	100
18) Methyl Acetate	4.32	43	64185	20.221	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	185251	18.526	ug/l	99
20) Methylene Chloride	4.55	84	62406	18.469	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	58251	18.091	ug/l	93
22) Diisopropyl ether	5.95	45	170810	17.666	ug/l	98
23) Vinyl Acetate	5.89	43	739232	90.102	ug/l	98
24) 1,1-Dichloroethane	5.85	63	103754	18.301	ug/l	99
25) 2-Butanone	6.83	43	188498	91.054	ug/l	98
26) 2,2-Dichloropropane	6.83	77	73020	14.512	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	68714	18.327	ug/l	94
28) Bromochloromethane	7.20	49	46157	18.714	ug/l	91
29) Tetrahydrofuran	7.21	42	128123	93.417	ug/l	97
30) Chloroform	7.37	83	106781	18.349	ug/l	98
31) Cyclohexane	7.66	56	93975	17.465	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	95097	18.219	ug/l	99
36) 1,1-Dichloropropene	7.79	75	77430	17.629	ug/l	98
37) Ethyl Acetate	6.93	43	78710	19.859	ug/l	98
38) Carbon Tetrachloride	7.77	117	86075	18.340	ug/l	97

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

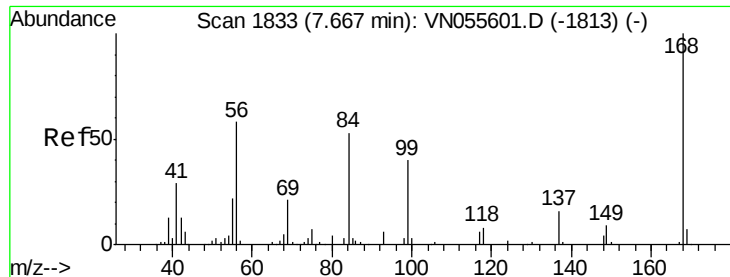
39) Methylcyclohexane	9.08	83	93103	17.584	ug/l	99
40) Benzene	8.04	78	243724	18.866	ug/l	99
41) Methacrylonitrile	7.17	41	33934	20.026	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	79334	18.965	ug/l	99
43) Isopropyl Acetate	8.16	43	137749	19.980	ug/l	98
44) Trichloroethene	8.84	130	68821	18.879	ug/l	98
45) 1,2-Dichloropropane	9.12	63	63261	18.588	ug/l	97
46) Dibromomethane	9.21	93	42475	19.069	ug/l	95
47) Bromodichloromethane	9.40	83	86144	18.453	ug/l	98
48) Methyl methacrylate	9.20	41	59922	19.446	ug/l	99
49) 1,4-Dioxane	9.20	88	26651	435.251	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	377603	93.373	ug/l	99
52) Toluene	10.16	92	151483	18.695	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	88981	17.709	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	99838	18.138	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	62965	18.876	ug/l	99
56) Ethyl methacrylate	10.43	69	95989	18.434	ug/l	96
57) 1,3-Dichloropropane	10.71	76	99783	18.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	192534	87.019	ug/l	98
59) 2-Hexanone	10.75	43	257122	90.307	ug/l	97
60) Dibromochloromethane	10.90	129	74694	19.757	ug/l	98
61) 1,2-Dibromoethane	11.01	107	65872	19.736	ug/l	99
64) Tetrachloroethene	10.63	164	67362	20.488	ug/l	97
65) Chlorobenzene	11.43	112	162114	19.227	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	68268	20.126	ug/l	99
67) Ethyl Benzene	11.51	91	283149	18.851	ug/l	99
68) m/p-Xylenes	11.62	106	214639	37.841	ug/l	98
69) o-Xylene	11.95	106	108161	19.496	ug/l	95
70) Styrene	11.96	104	172980	18.752	ug/l	99
71) Bromoform	12.13	173	57353	19.952	ug/l #	100
73) Isopropylbenzene	12.25	105	281819	22.639	ug/l	100
74) N-amyl acetate	12.07	43	97164	20.642	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	86464	22.416	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	103093	30.139	ug/l #	100
77) Bromobenzene	12.53	156	73388	21.317	ug/l	93
78) n-propylbenzene	12.59	91	284605	19.119	ug/l	99
79) 2-Chlorotoluene	12.67	91	179170	21.532	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	231331	21.872	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	24639	18.517	ug/l	99
82) 4-Chlorotoluene	12.77	91	166182	18.947	ug/l	99
83) tert-Butylbenzene	12.99	119	207804	22.861	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	227668	21.702	ug/l	100
85) sec-Butylbenzene	13.17	105	254316	21.473	ug/l	99
86) p-Isopropyltoluene	13.29	119	229756	21.006	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	112497	19.763	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	106166	19.534	ug/l	99
89) n-Butylbenzene	13.61	91	165060	17.944	ug/l	99
90) Hexachloroethane	13.87	117	47593	22.694	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	113892	20.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15444	20.301	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	51661	17.886	ug/l	98
94) Hexachlorobutadiene	15.01	225	41514	22.193	ug/l	98
95) Naphthalene	15.13	128	145805	17.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	55375	18.336	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055678.D

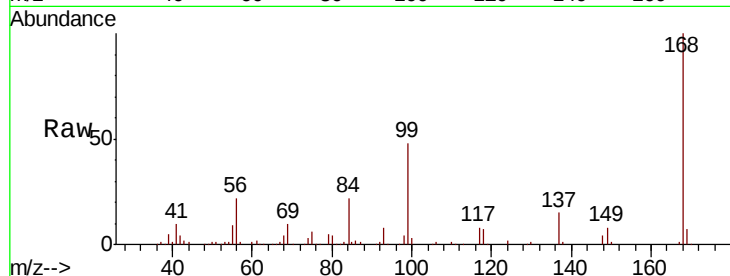
Acq: 20 May 2019 16:52

Tot Ion:168 Resp: 330965

Ion Ratio Lower Upper

168 100

99 47.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055678.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055678.D (-1740) (-)

7.67

150000

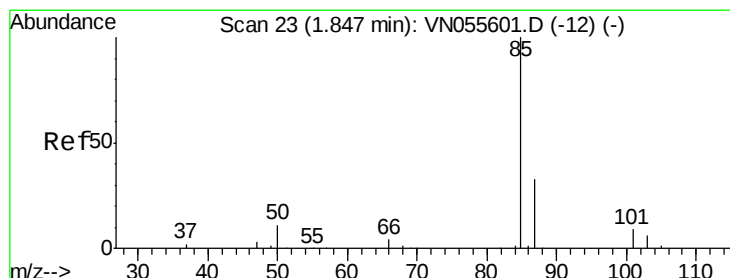
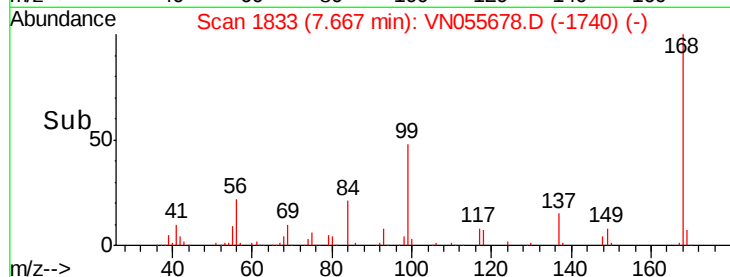
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.263 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055678.D

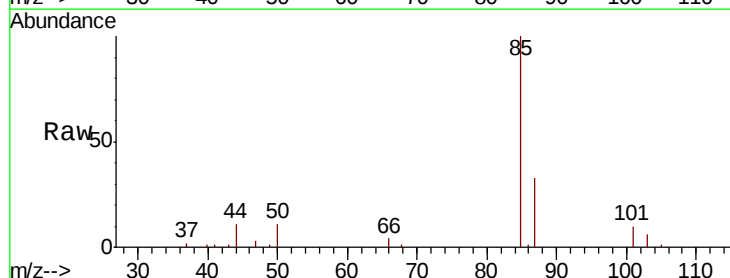
Acq: 20 May 2019 16:52

Tgt Ion: 85 Resp: 43961

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN055678.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN055678.D (-1) (-)

1.85

30000

25000

20000

15000

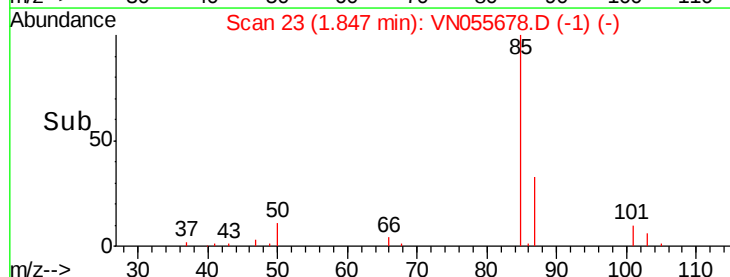
10000

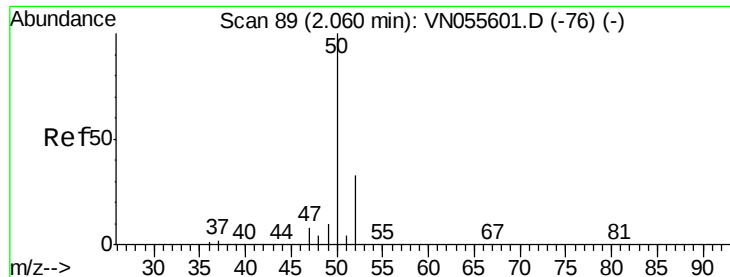
5000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 16.702 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055678.D

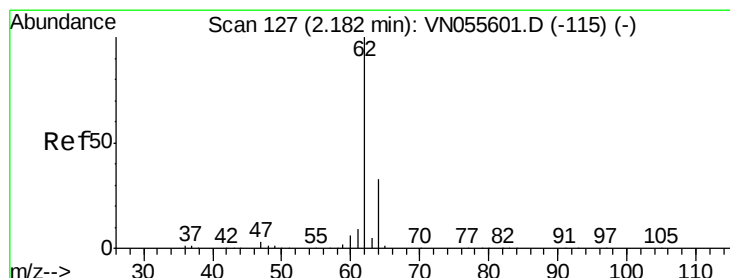
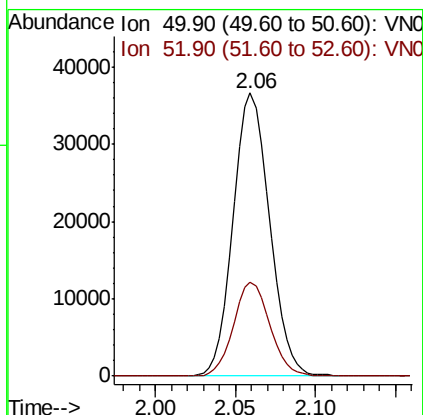
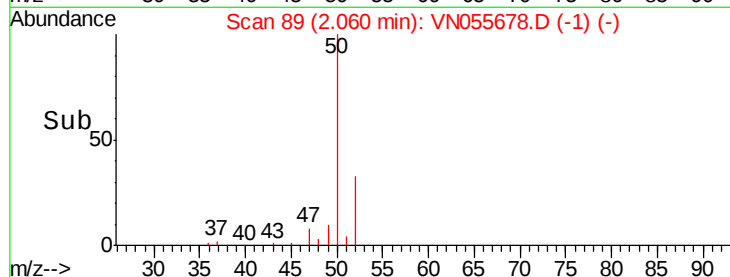
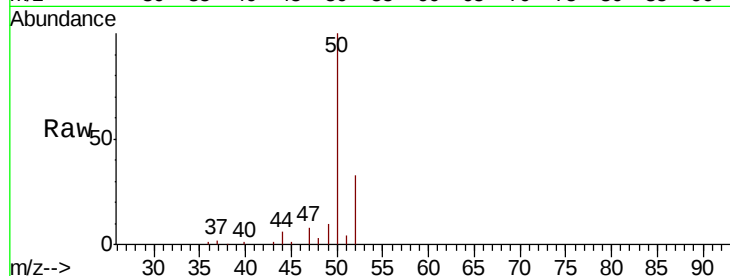
Acq: 20 May 2019 16:52

Tot Ion: 50 Resp: 56729

Ion Ratio Lower Upper

50 100

52 33.3 26.7 40.1



#4

Vinyl Chloride

Concen: 17.774 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055678.D

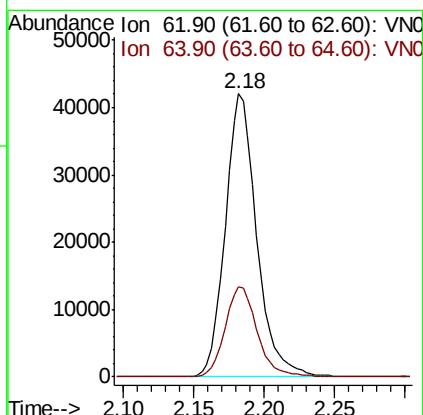
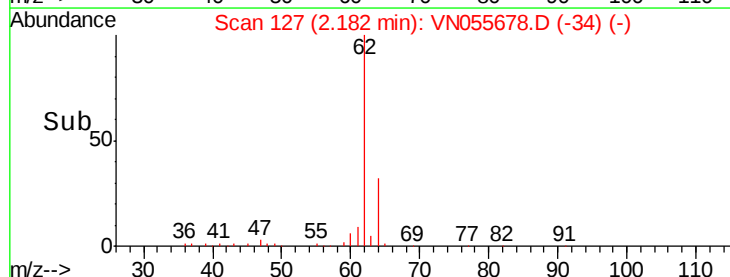
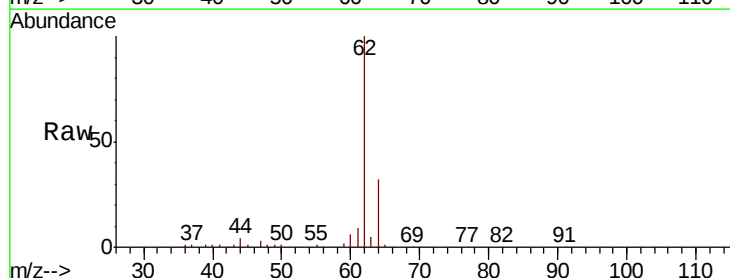
Acq: 20 May 2019 16:52

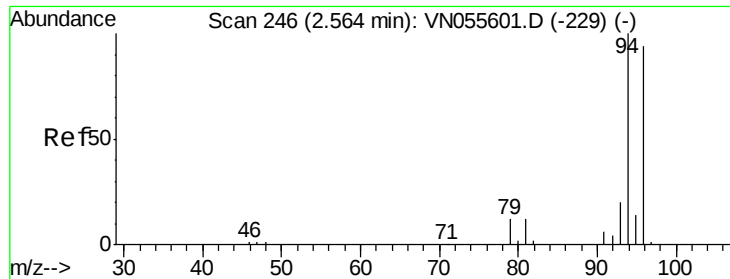
Tgt Ion: 62 Resp: 65370

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4





#5

Bromomethane

Concen: 19.591 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.03 min

Lab File: VN055678.D

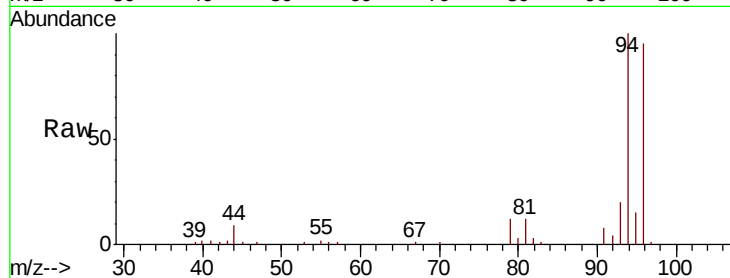
Acq: 20 May 2019 16:52

Tot Ion: 94 Resp: 45920

Ion Ratio Lower Upper

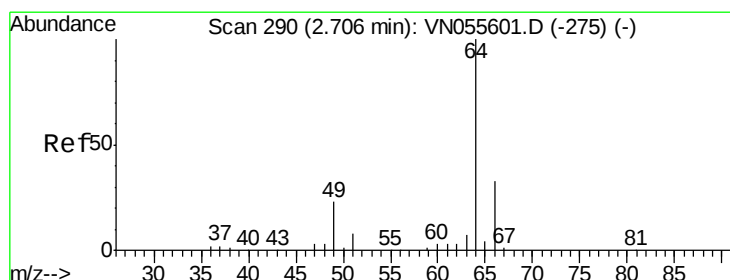
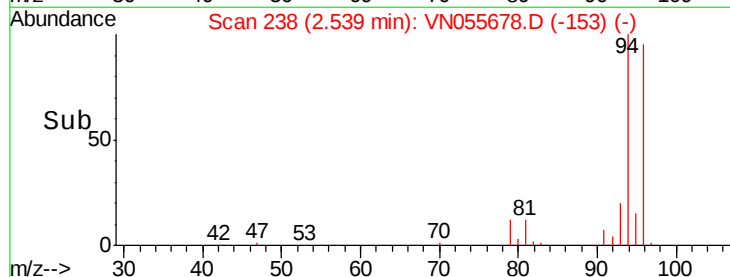
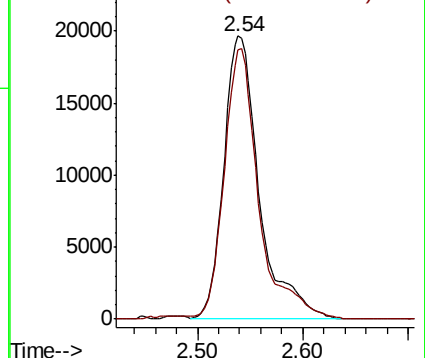
94 100

96 94.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.647 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN055678.D

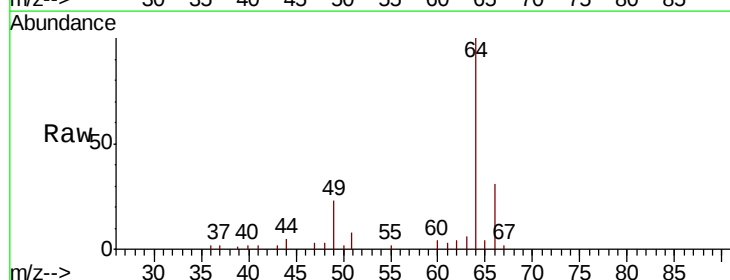
Acq: 20 May 2019 16:52

Tgt Ion: 64 Resp: 38079

Ion Ratio Lower Upper

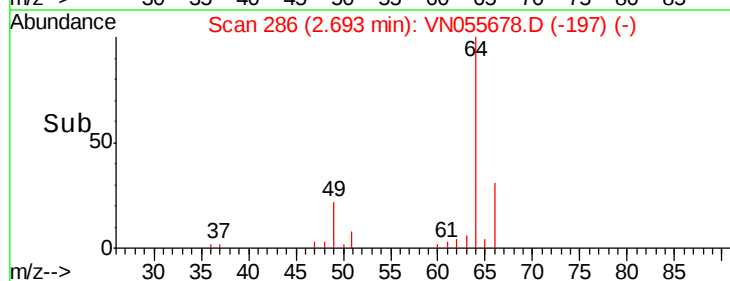
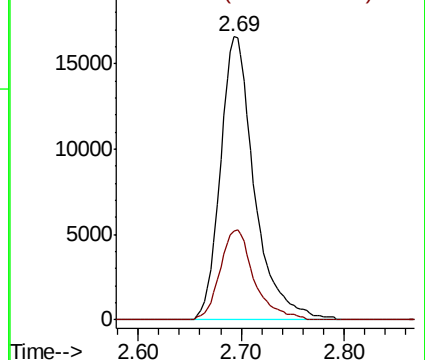
64 100

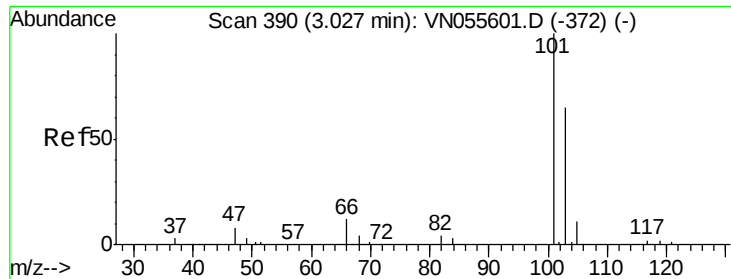
66 31.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

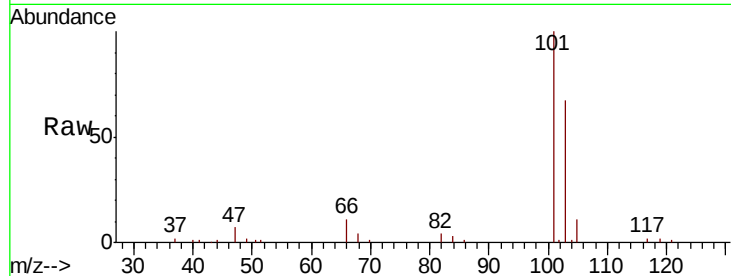




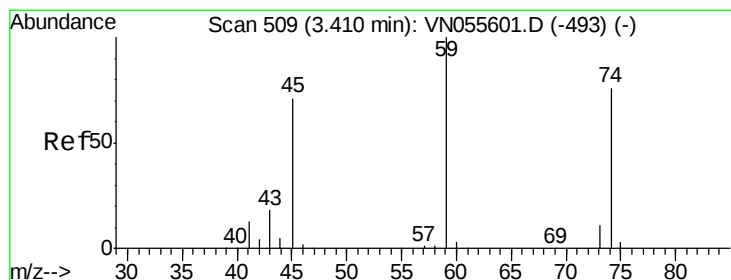
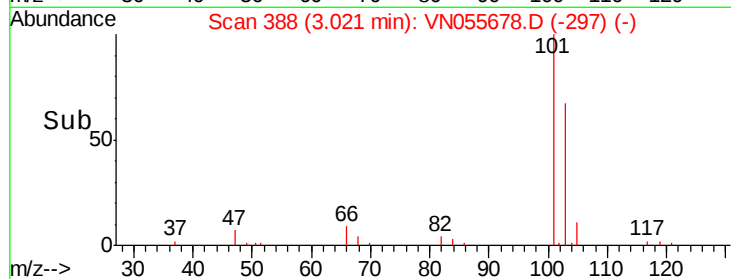
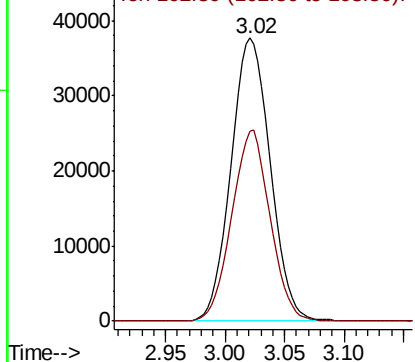
#7

Trichlorofluoromethane
 Concen: 18.287 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tot Ion:101 Resp: 86187
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.3 78.5



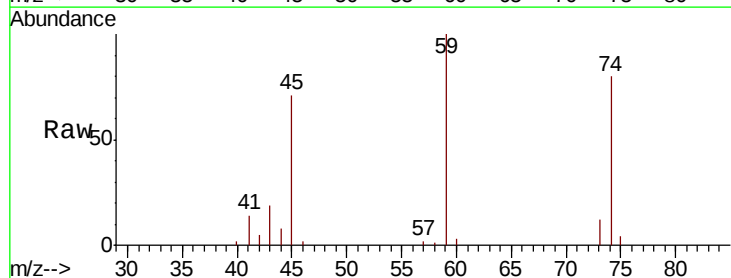
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



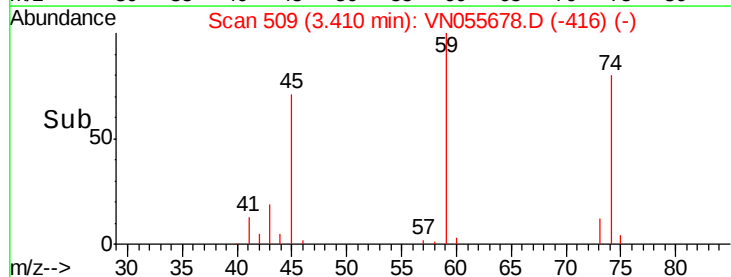
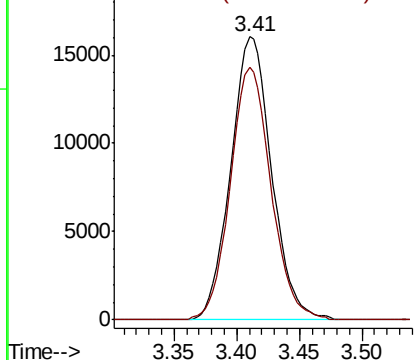
#8

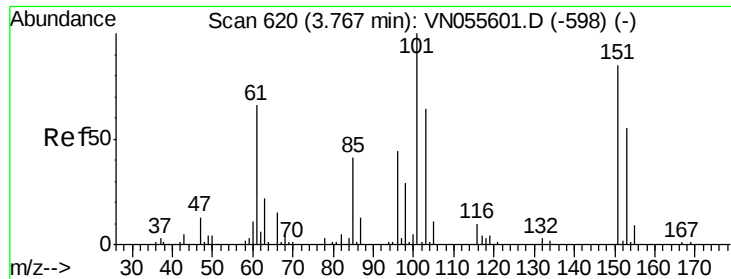
Diethyl Ether
 Concen: 19.172 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tgt Ion: 74 Resp: 36299
 Ion Ratio Lower Upper
 74 100
 45 88.8 46.4 139.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.542 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

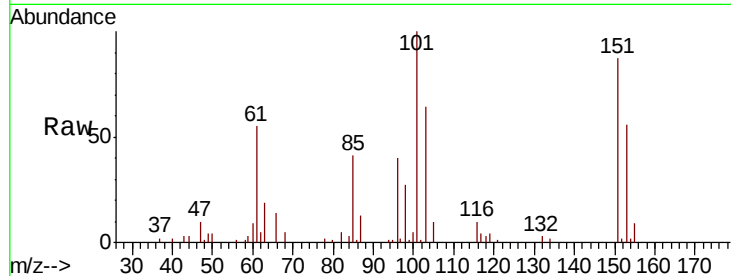
Tot Ion:101 Resp: 53278

Ion Ratio Lower Upper

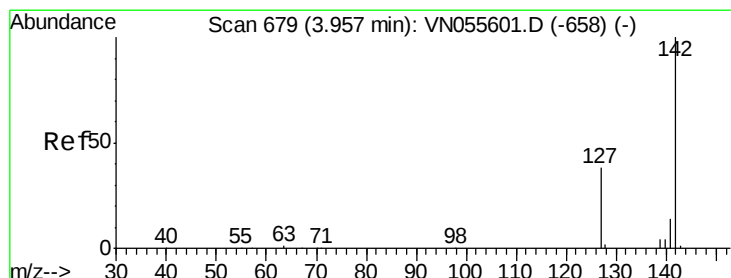
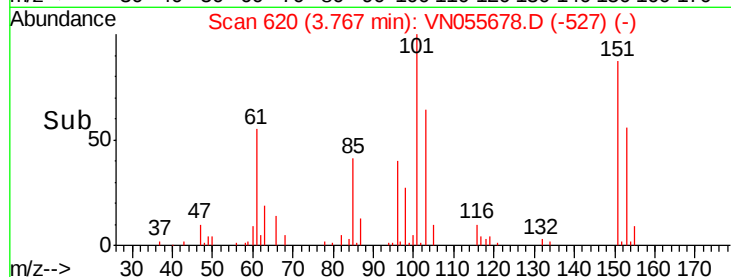
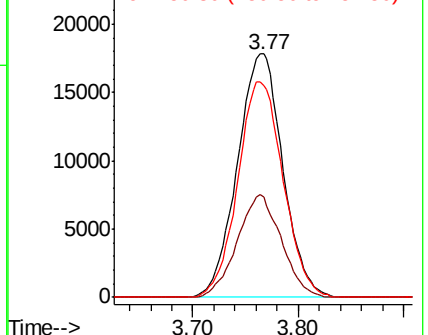
101 100

85 40.8 33.4 50.0

151 88.5 69.3 103.9



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



#10

Methyl Iodide

Concen: 18.714 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

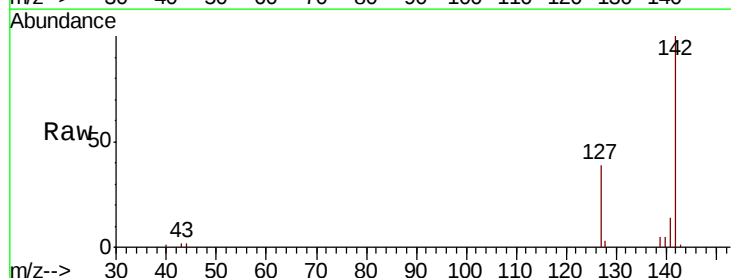
Tgt Ion:142 Resp: 77521

Ion Ratio Lower Upper

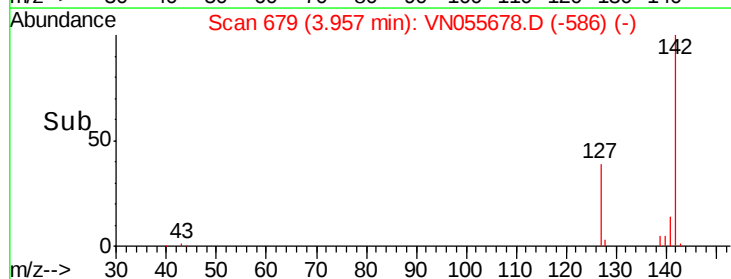
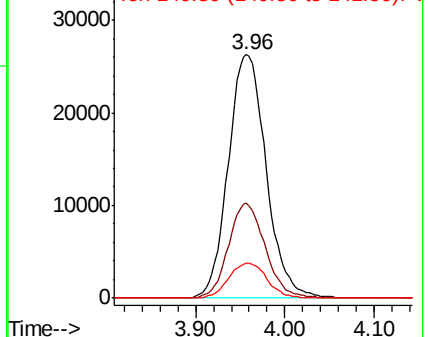
142 100

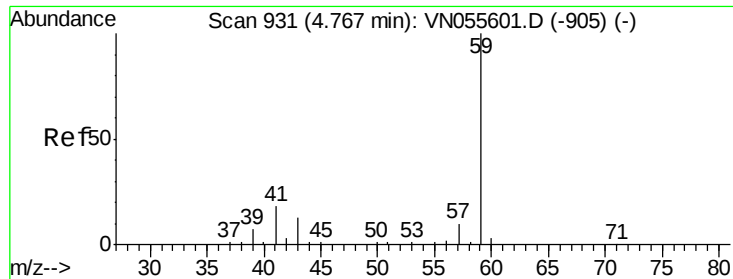
127 37.7 31.0 46.4

141 14.4 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

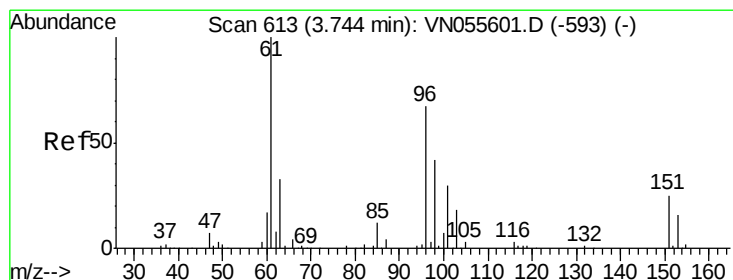
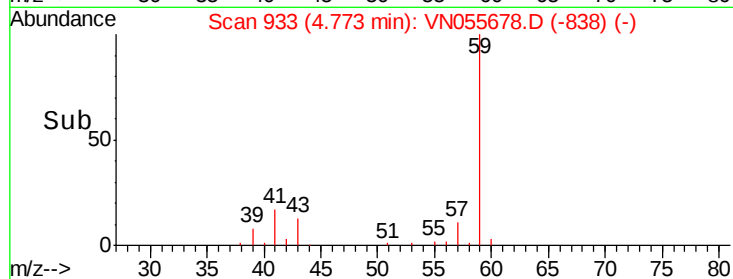
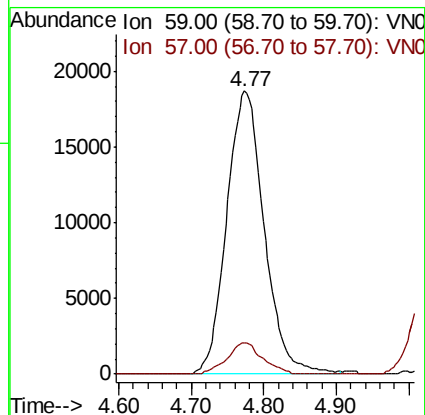
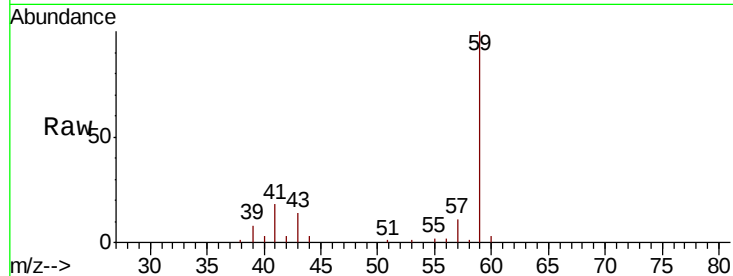




#11

Tert butyl alcohol
 Concen: 99.504 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

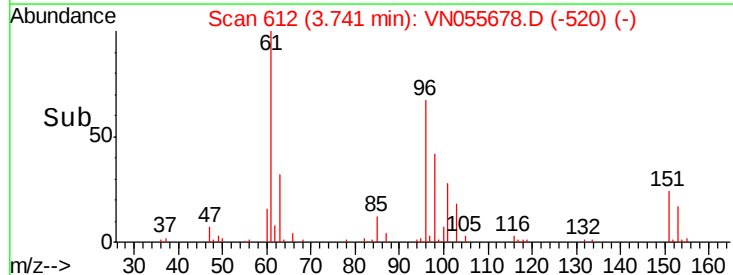
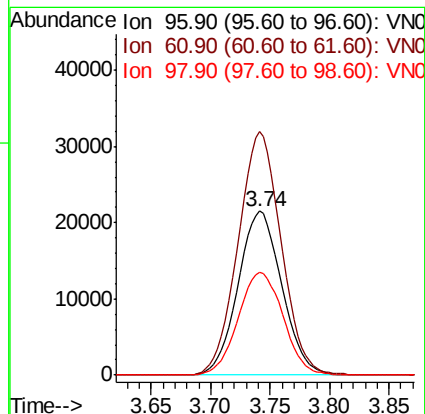
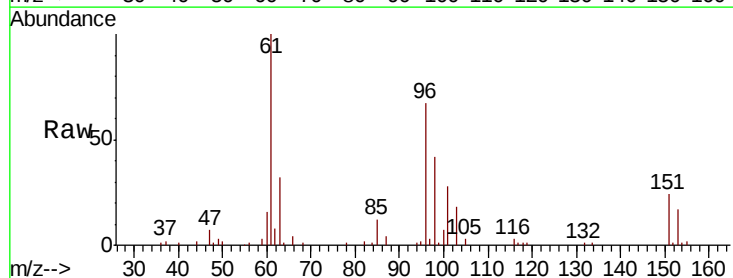
Tot Ion: 59 Resp: 67321
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.8 11.6

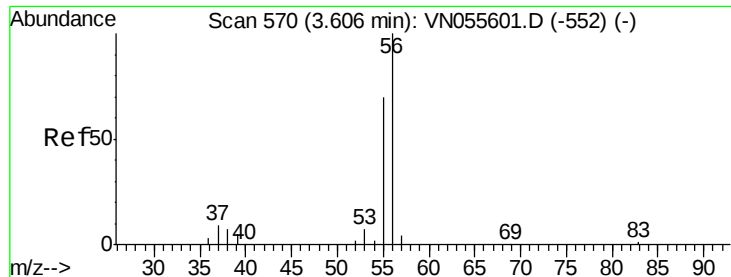


#12

1,1-Dichloroethene
 Concen: 18.121 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tgt Ion: 96 Resp: 54771
 Ion Ratio Lower Upper
 96 100
 61 148.6 120.2 180.2
 98 62.7 50.6 75.8





#13

Acrolein

Concen: 90.094 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055678.D

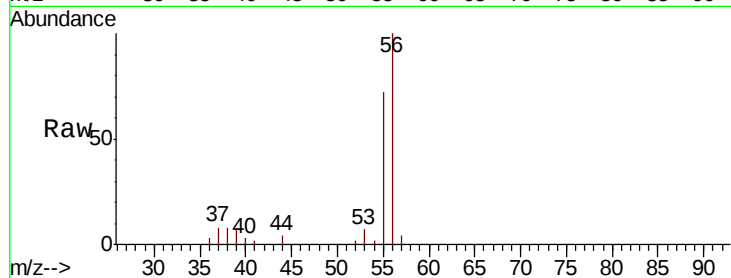
Acq: 20 May 2019 16:52

Tot Ion: 56 Resp: 30790

Ion Ratio Lower Upper

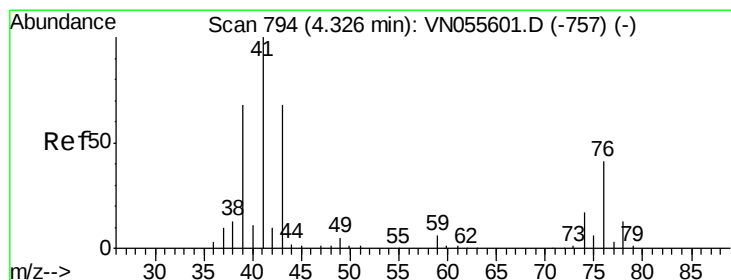
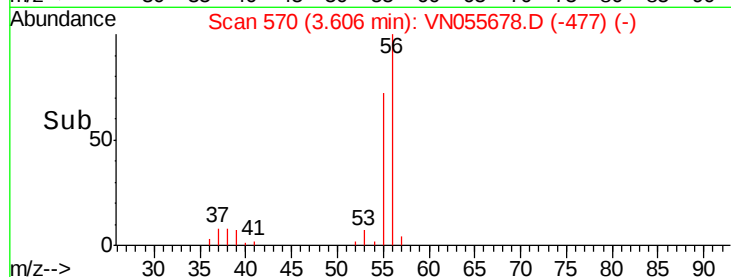
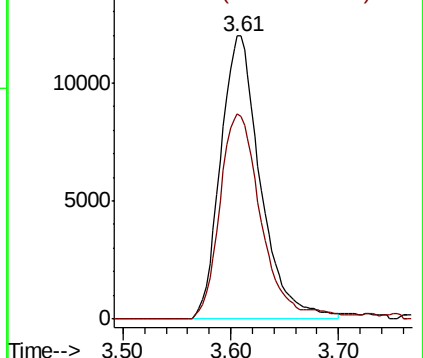
56 100

55 75.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.558 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

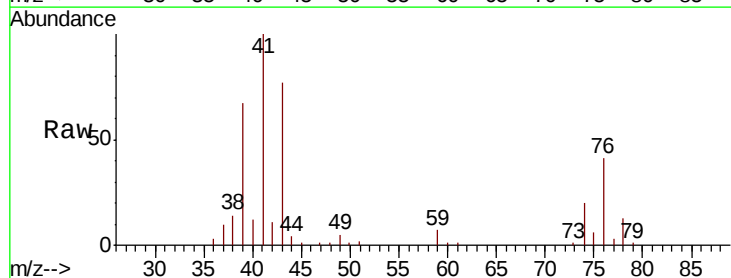
Tgt Ion: 41 Resp: 85673

Ion Ratio Lower Upper

41 100

39 61.4 50.5 75.7

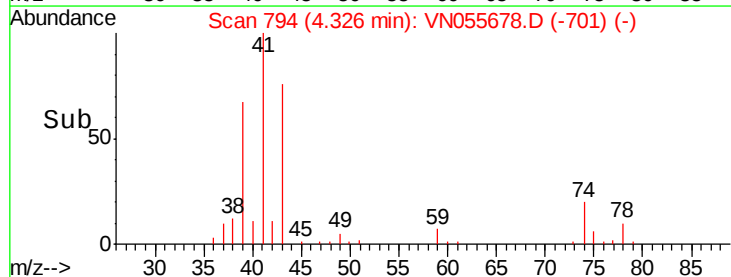
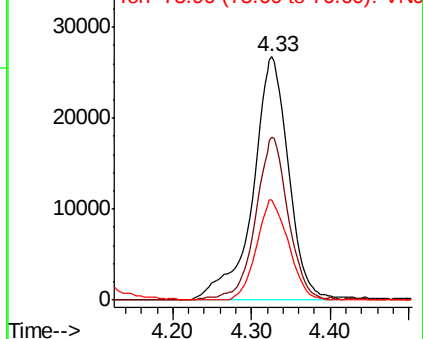
76 37.1 29.2 43.8

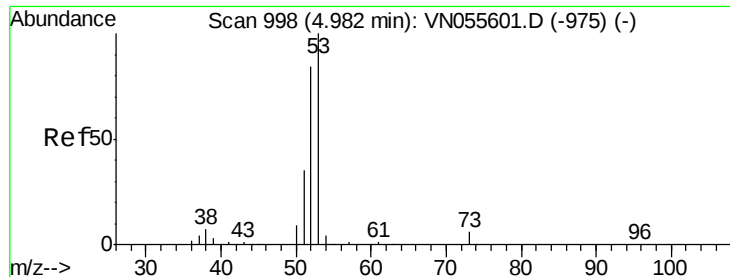


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.642 ug/l

RT: 4.99 min Scan# 1000

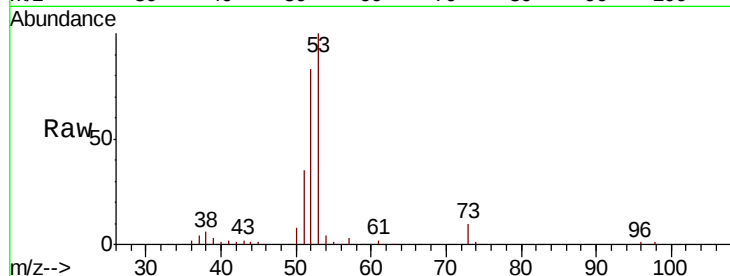
Delta R.T. 0.01 min

Lab File: VN055678.D

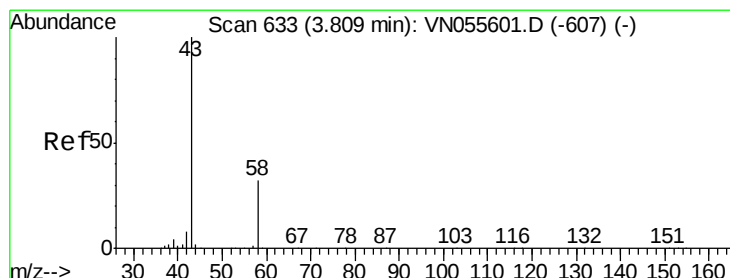
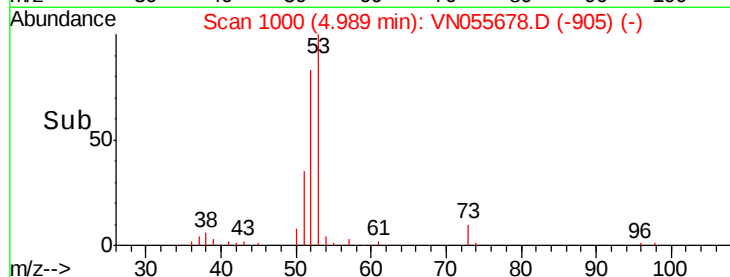
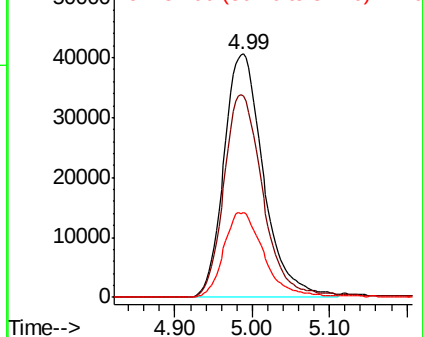
Acq: 20 May 2019 16:52

Tot Ion: 53 Resp: 143965

Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.2	99.4
51	35.6	28.5	42.7



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 79.467 ug/l

RT: 3.82 min Scan# 635

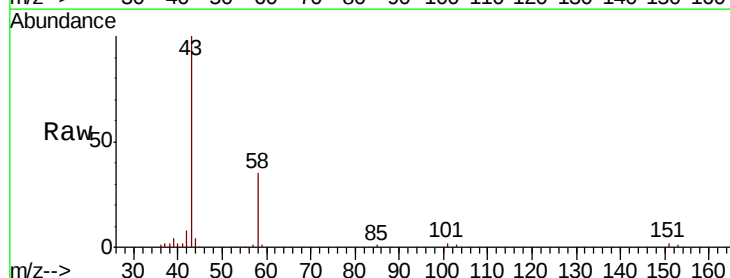
Delta R.T. 0.01 min

Lab File: VN055678.D

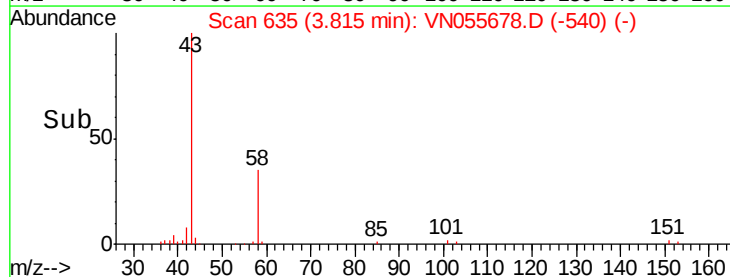
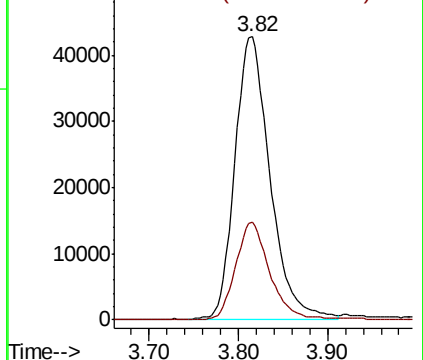
Acq: 20 May 2019 16:52

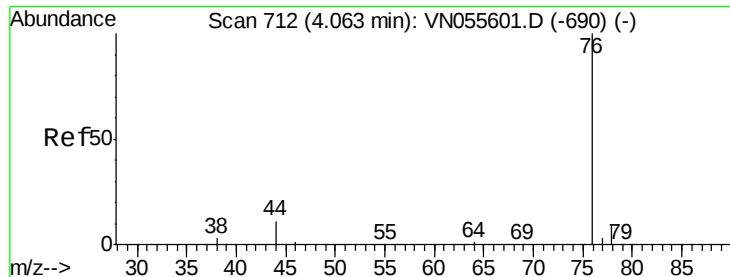
Tgt Ion: 43 Resp: 117658

Ion	Ratio	Lower	Upper
43	100		
58	34.6	26.0	39.0



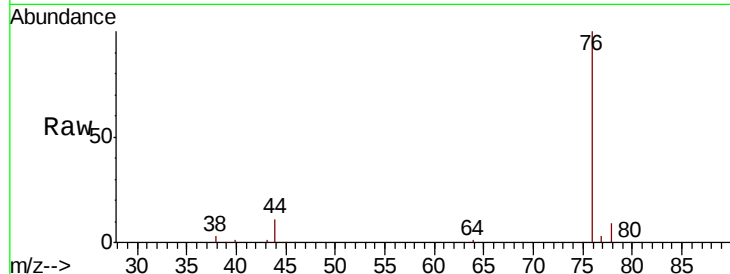
Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



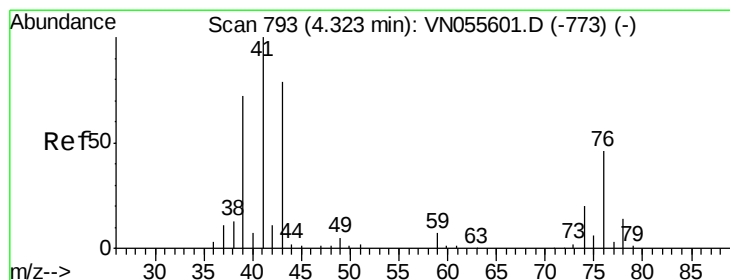
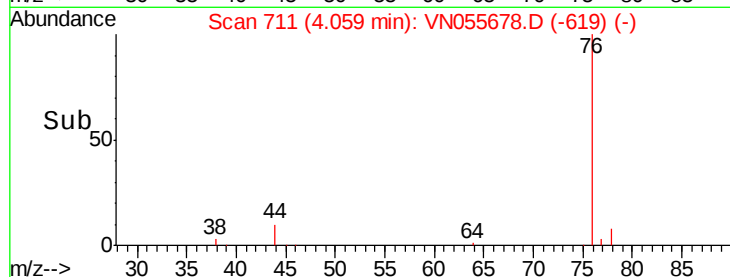
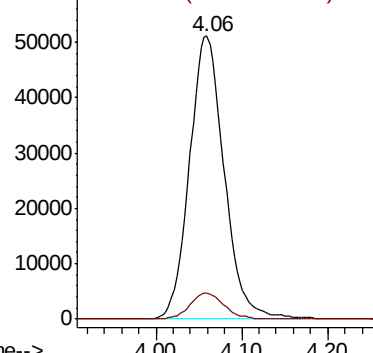


#17
Carbon Disulfide
Concen: 17.048 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tot Ion: 76 Resp: 143248
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

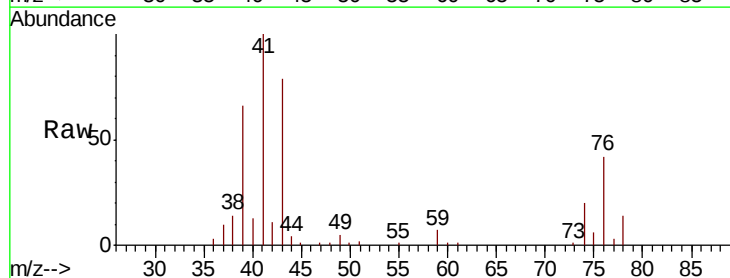


Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

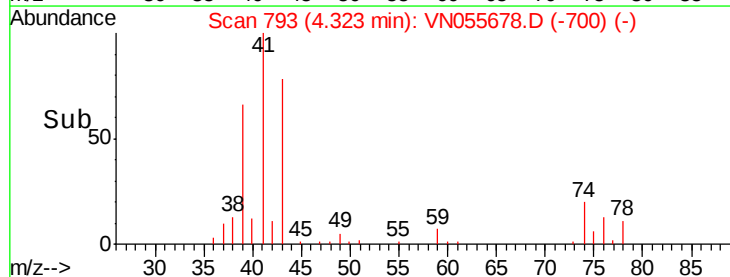
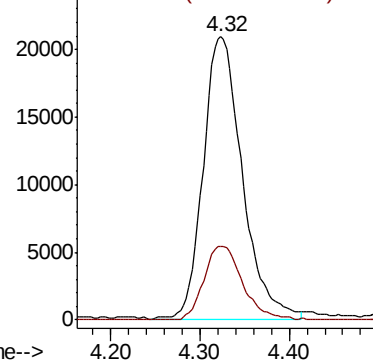


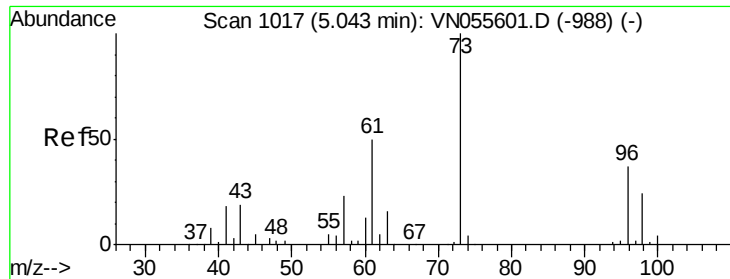
#18
Methyl Acetate
Concen: 20.221 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion: 43 Resp: 64185
Ion Ratio Lower Upper
43 100
74 25.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 74.00 (73.70 to 74.70): VN0

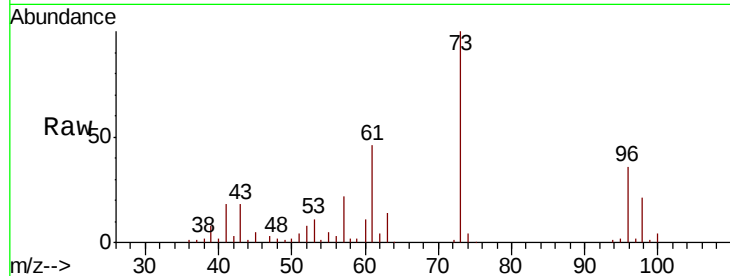




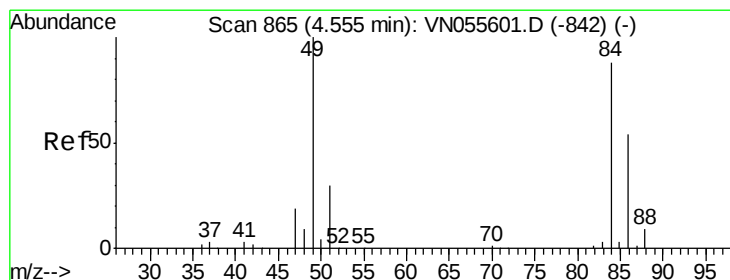
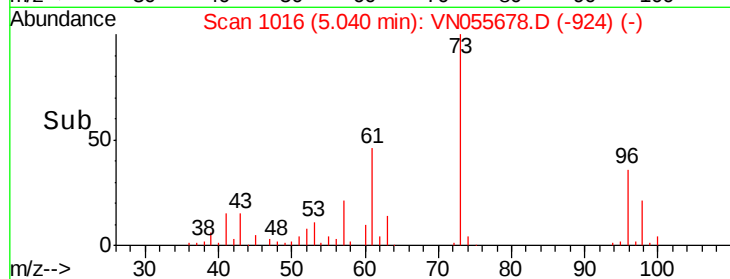
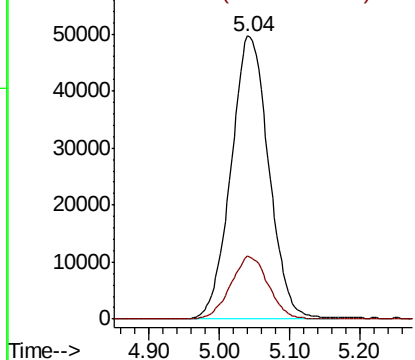
#19

Methyl tert-butyl Ether
 Concen: 18.526 ug/l
 RT: 5.04 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tot Ion: 73 Resp: 185251
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.2 27.2



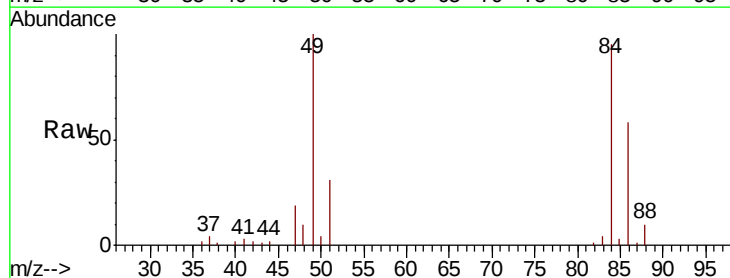
Abundance Ion 73.00 (72.70 to 73.70): VN055601.D (-988) (-)
 Ion 57.00 (56.70 to 57.70): VN055601.D (-988) (-)



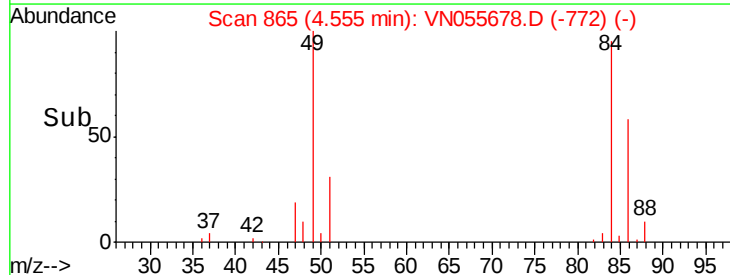
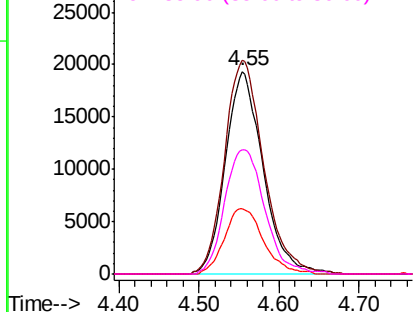
#20

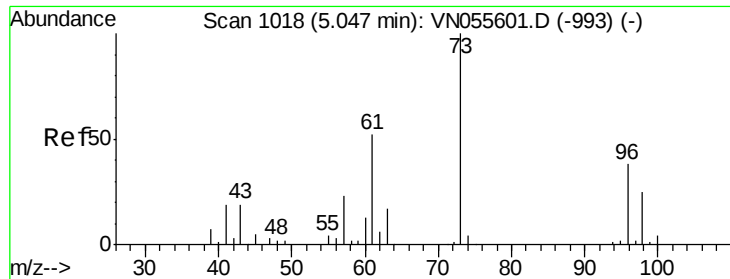
Methylene Chloride
 Concen: 18.469 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tgt Ion: 84 Resp: 62406
 Ion Ratio Lower Upper
 84 100
 49 105.6 91.0 136.4
 51 32.4 27.5 41.3
 86 61.3 49.4 74.0



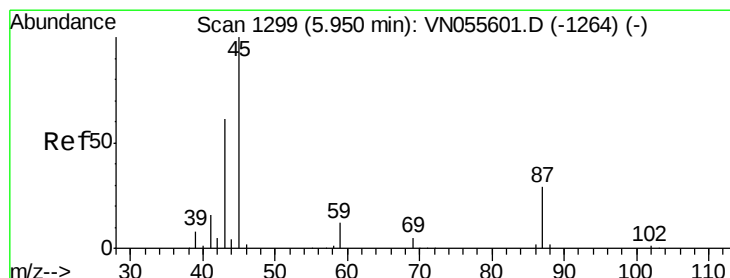
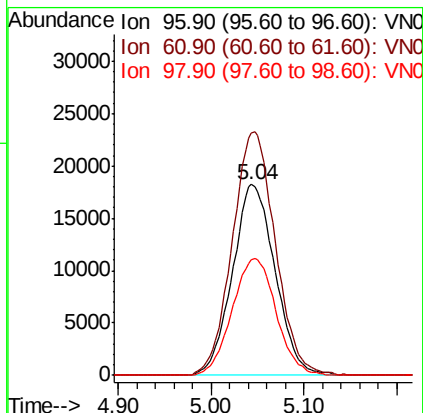
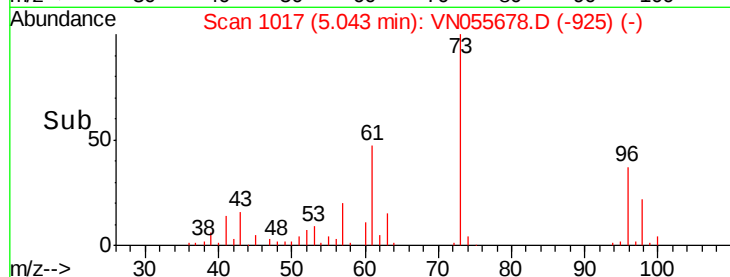
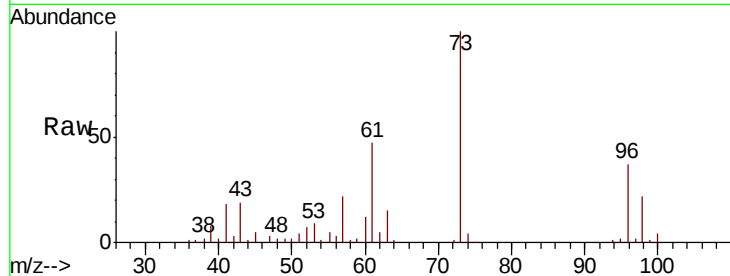
Abundance Ion 83.90 (83.60 to 84.60): VN055601.D (-842) (-)
 Ion 48.90 (48.60 to 49.60): VN055601.D (-842) (-)
 Ion 50.90 (50.60 to 51.60): VN055601.D (-842) (-)
 Ion 85.90 (85.60 to 86.60): VN055601.D (-842) (-)





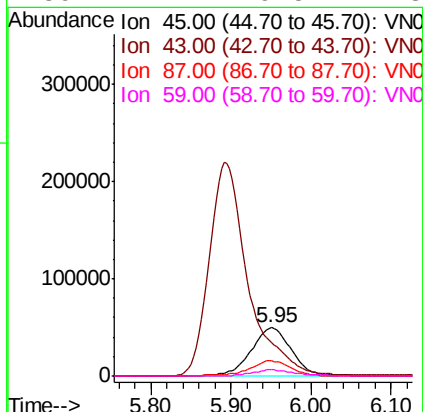
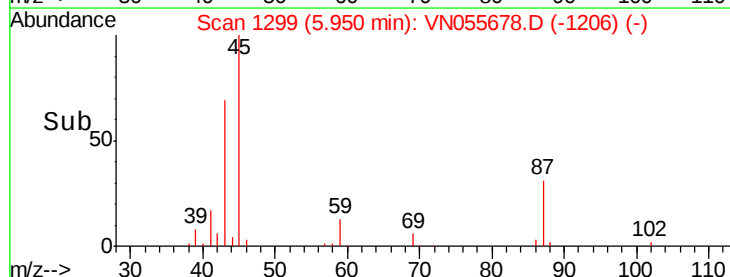
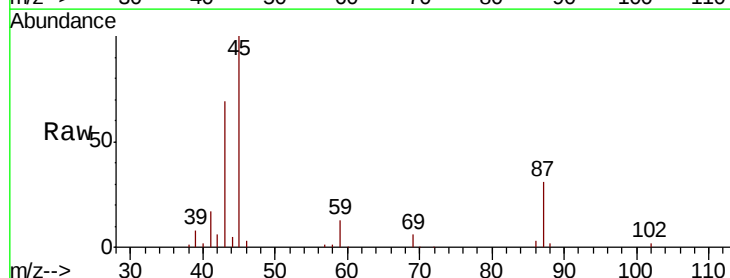
#21
trans-1,2-Dichloroethene
Concen: 18.091 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

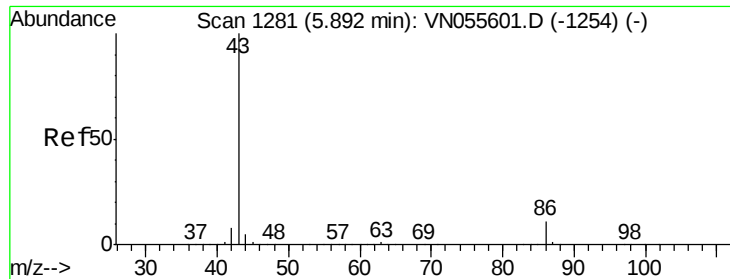
Tot Ion: 96 Resp: 58251
Ion Ratio Lower Upper
96 100
61 127.1 108.6 162.8
98 60.2 51.4 77.0



#22
Diisopropyl ether
Concen: 17.666 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion: 45 Resp: 170810
Ion Ratio Lower Upper
45 100
43 64.8 50.4 75.6
87 30.8 23.8 35.6
59 12.4 9.5 14.3





#23

Vinyl Acetate

Concen: 90.102 ug/l

RT: 5.89 min Scan# 1281

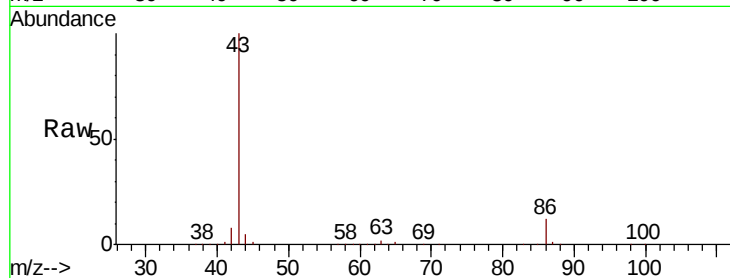
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tot Ion: 43 Resp: 739232

Ion	Ratio	Lower	Upper
43	100		
86	11.5	8.7	13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.89

250000

200000

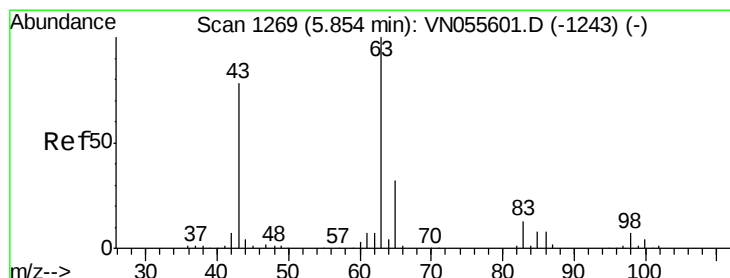
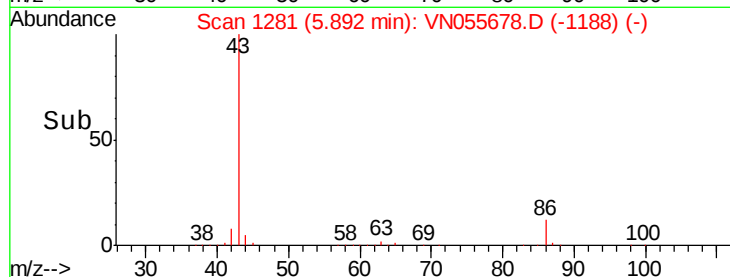
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.301 ug/l

RT: 5.85 min Scan# 1268

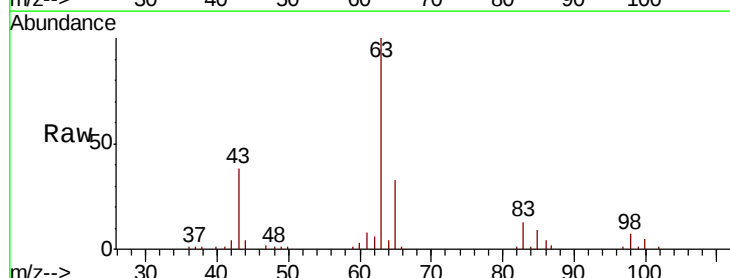
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion: 63 Resp: 103754

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.2
100	4.8	2.2	6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

40000

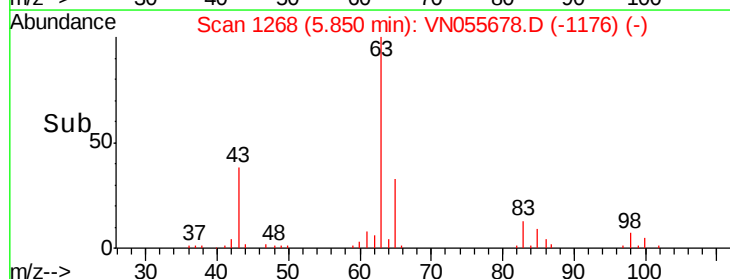
30000

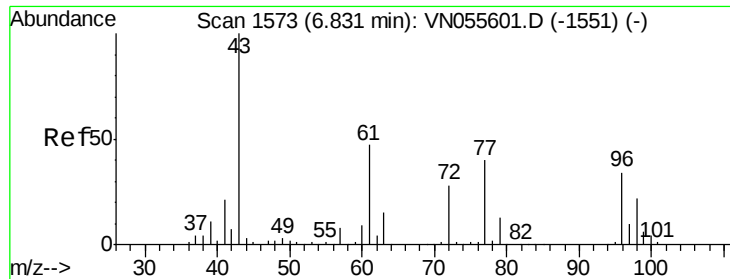
20000

10000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 91.054 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055678.D

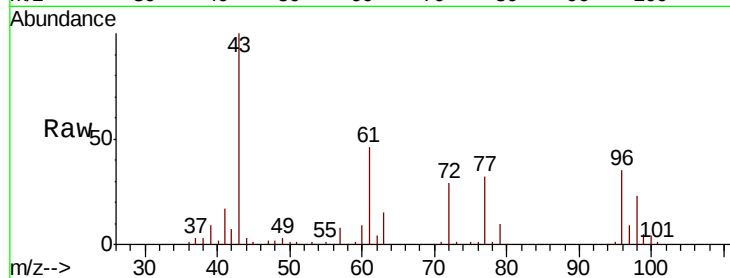
Acq: 20 May 2019 16:52

Tot Ion: 43 Resp: 188498

Ion Ratio Lower Upper

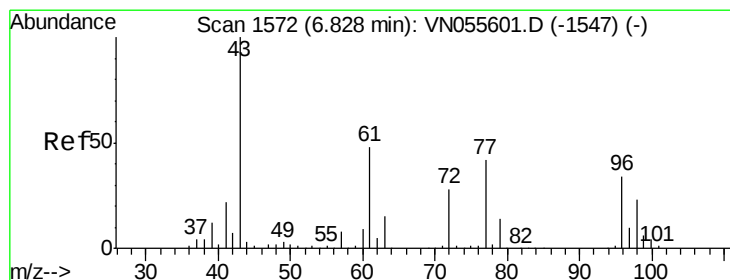
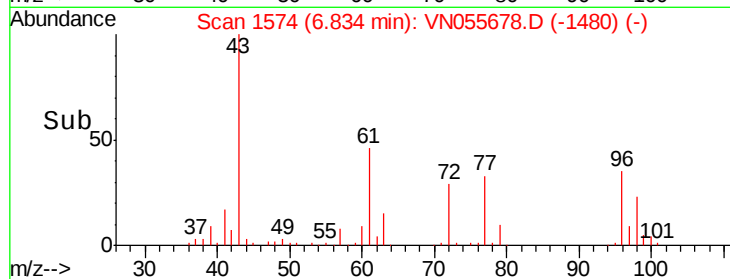
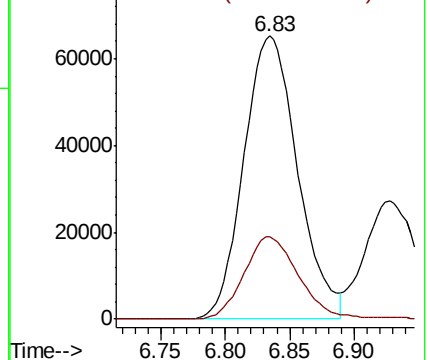
43 100

72 29.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 14.512 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055678.D

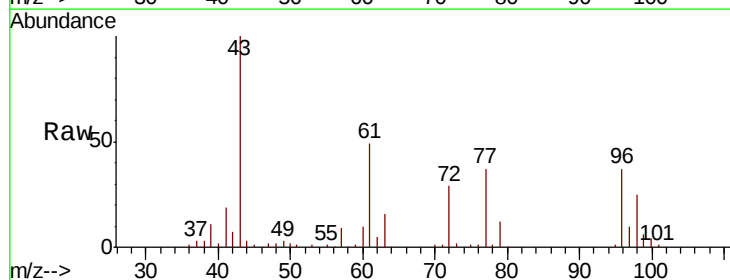
Acq: 20 May 2019 16:52

Tgt Ion: 77 Resp: 73020

Ion Ratio Lower Upper

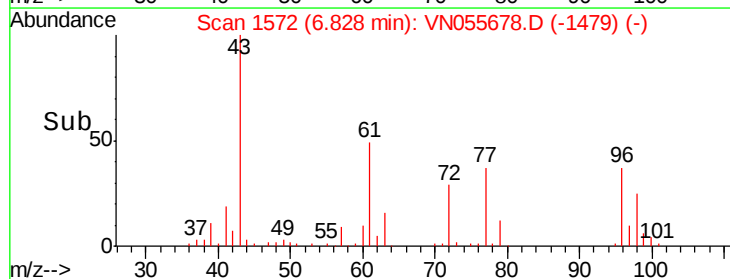
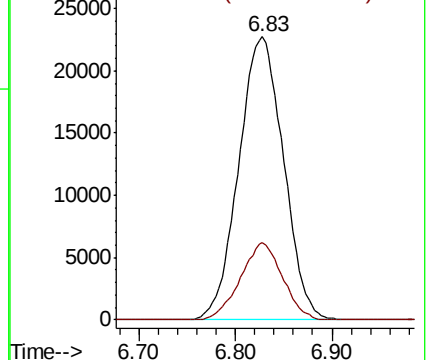
77 100

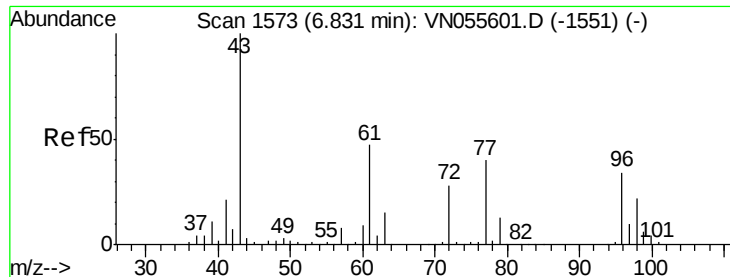
97 25.6 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.327 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

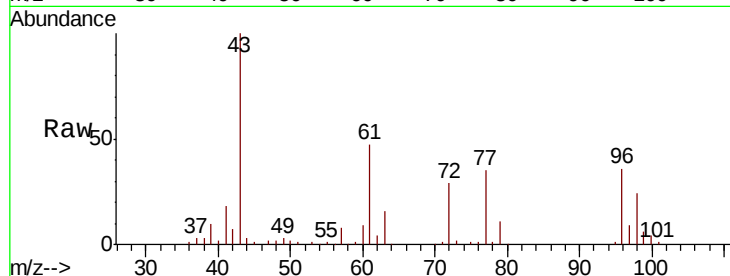
Tot Ion: 96 Resp: 68714

Ion Ratio Lower Upper

96 100

61 130.0 0.0 279.0

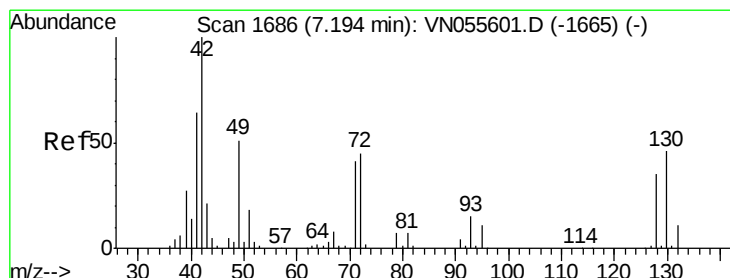
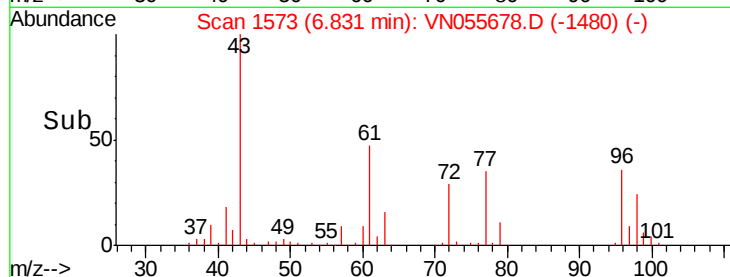
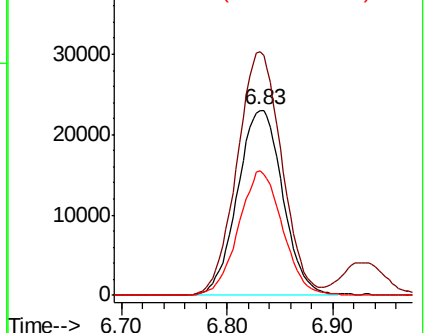
98 65.2 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VN055678.D (-1551) (-)

Ion 60.90 (60.60 to 61.60): VN055678.D (-1551) (-)

Ion 97.90 (97.60 to 98.60): VN055678.D (-1551) (-)



#28

Bromochloromethane

Concen: 18.714 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

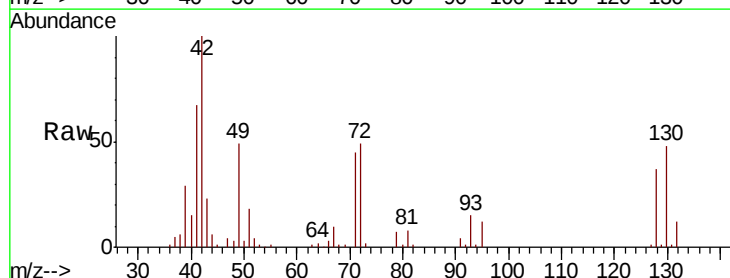
Tgt Ion: 49 Resp: 46157

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

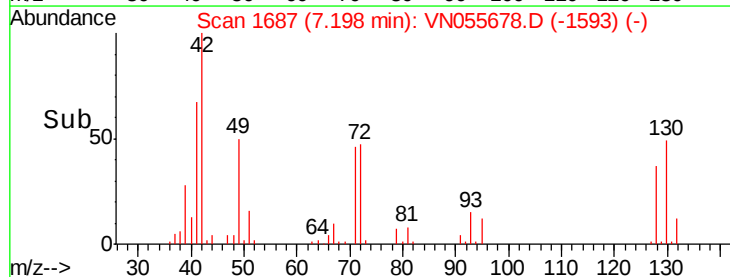
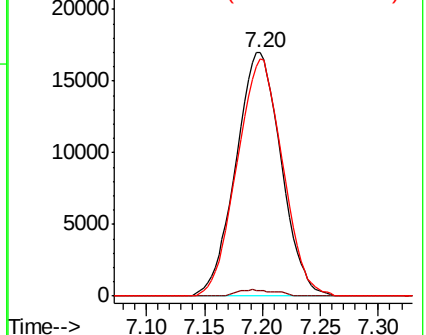
130 97.8 71.0 106.6

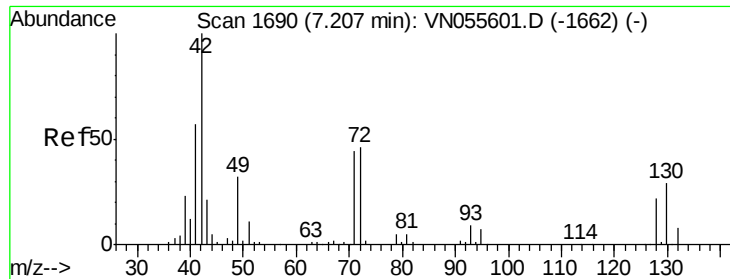


Abundance Ion 48.90 (48.60 to 49.60): VN055678.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN055678.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN055678.D (-1593) (-)





#29

Tetrahydrofuran

Concen: 93.417 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

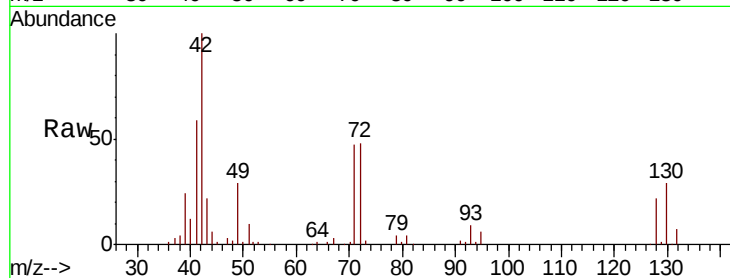
Tot Ion: 42 Resp: 128123

Ion Ratio Lower Upper

42 100

72 47.8 36.5 54.7

71 45.4 34.9 52.3

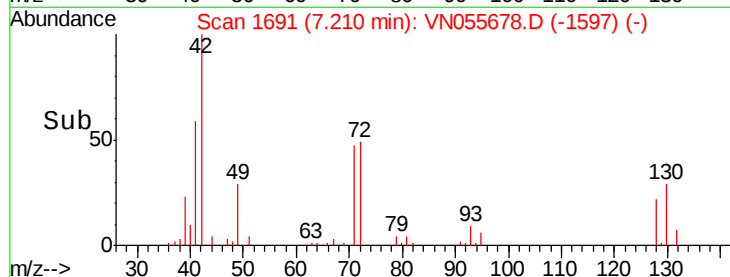


Abundance Ion 42.00 (41.70 to 42.70): VN055601.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN055601.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN055601.D (-1662) (-)

Time-->



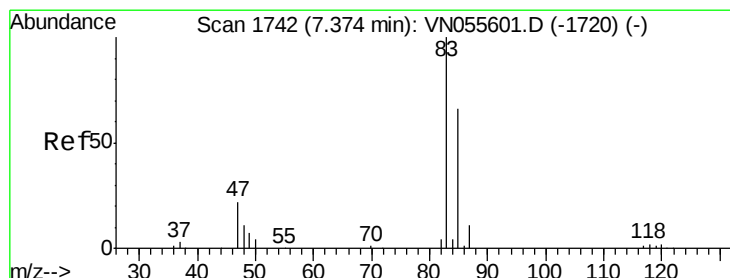
Abundance

Ion 42.00 (41.70 to 42.70): VN055601.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN055601.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN055601.D (-1662) (-)

Time-->



#30

Chloroform

Concen: 18.349 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN055678.D

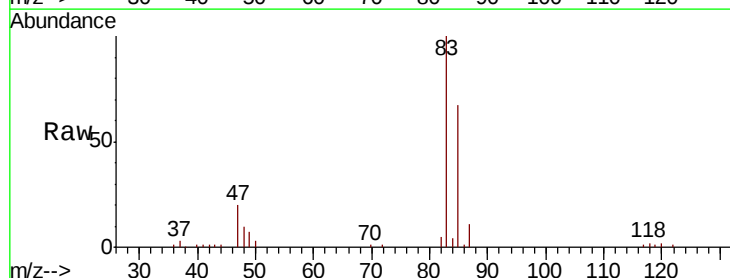
Acq: 20 May 2019 16:52

Tgt Ion: 83 Resp: 106781

Ion Ratio Lower Upper

83 100

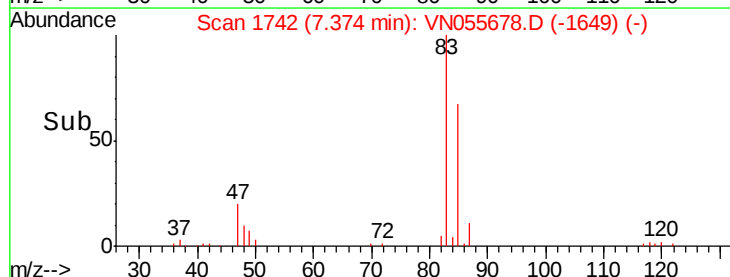
85 67.3 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN055601.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN055601.D (-1720) (-)

Time-->

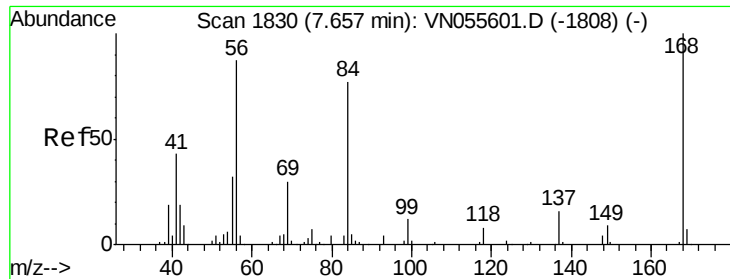


Abundance

Ion 82.90 (82.60 to 83.60): VN055601.D (-1720) (-)

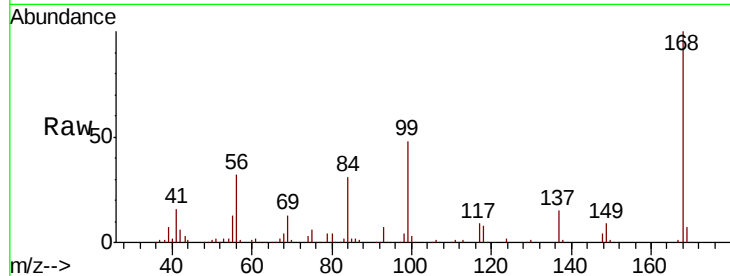
Ion 84.90 (84.60 to 85.60): VN055601.D (-1720) (-)

Time-->

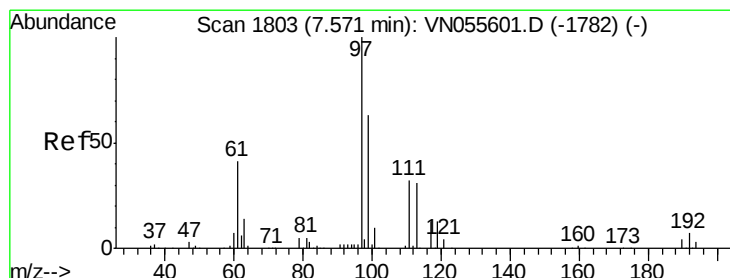
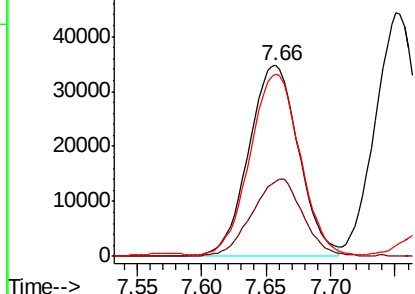
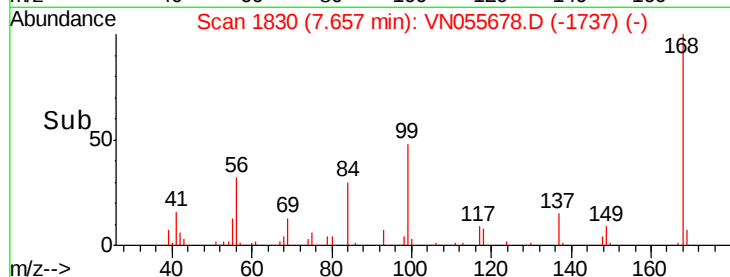


#31
Cyclohexane
Concen: 17.465 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tot Ion: 56 Resp: 93975
Ion Ratio Lower Upper
56 100
69 39.3 27.2 40.8
84 94.8 71.3 106.9

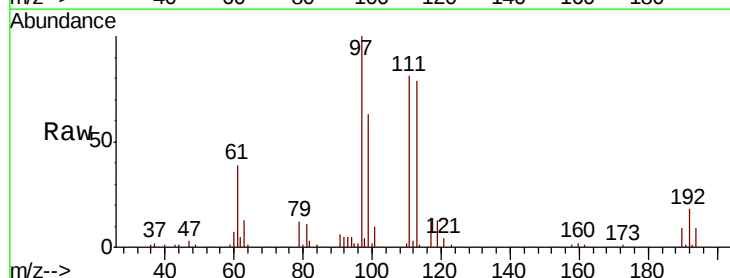


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

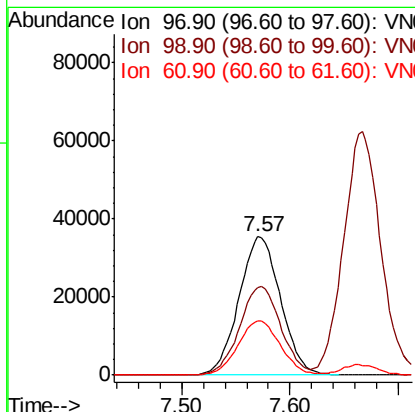
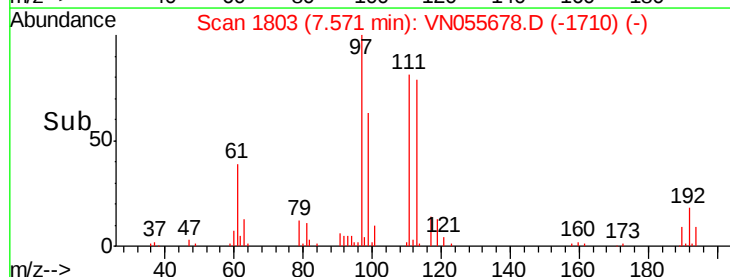


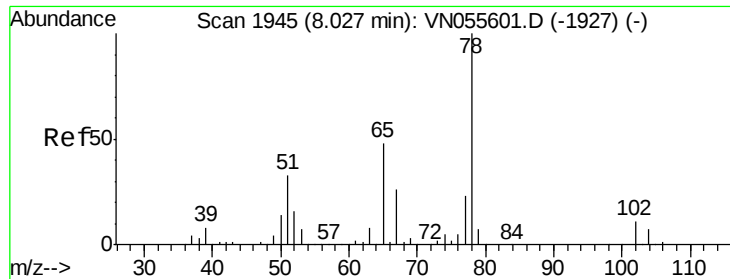
#32
1,1,1-Trichloroethane
Concen: 18.219 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion: 97 Resp: 95097
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 39.5 32.9 49.3



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





#33

1,2-Dichloroethane-d4

Concen: 46.609 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055678.D

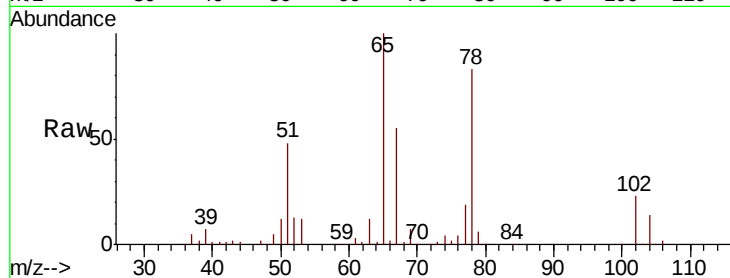
Acq: 20 May 2019 16:52

Tot Ion: 65 Resp: 169101

Ion Ratio Lower Upper

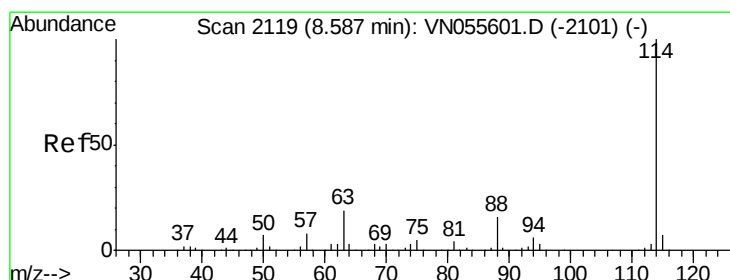
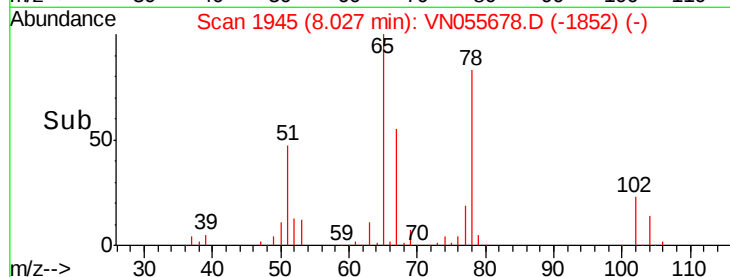
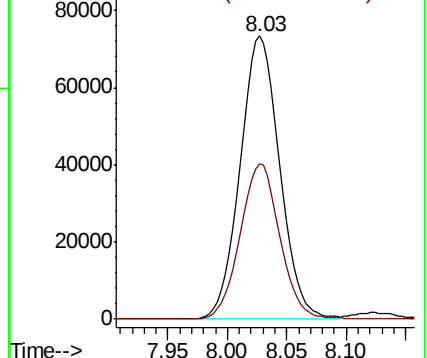
65 100

67 54.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

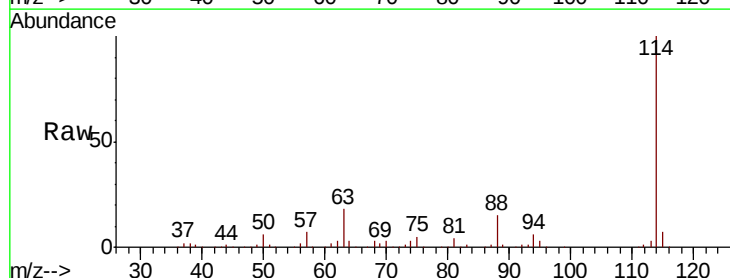
Tgt Ion: 114 Resp: 492632

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.2

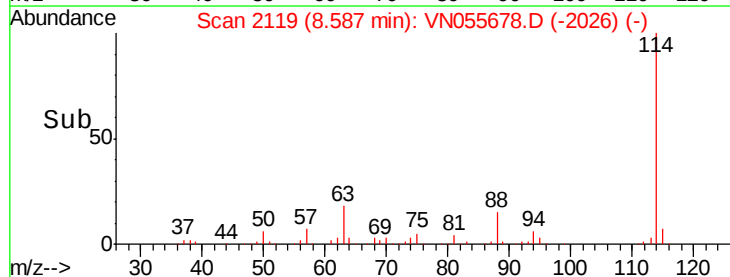
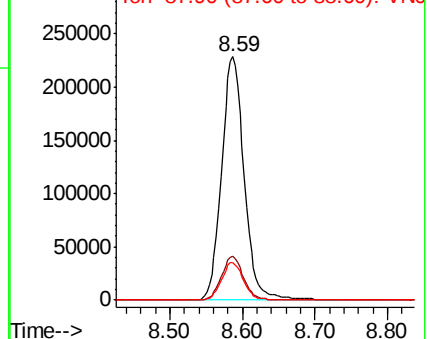
88 15.2 0.0 31.0

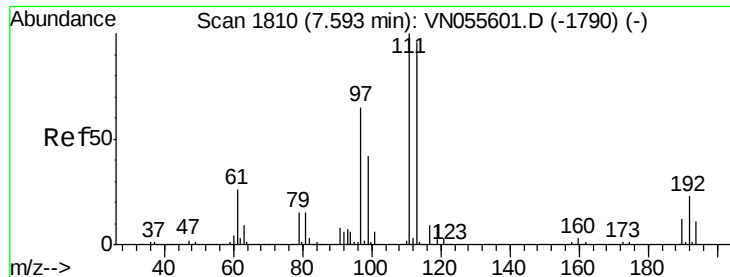


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

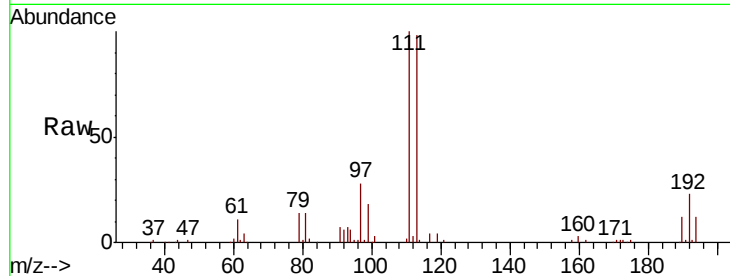
Ion 87.90 (87.60 to 88.60): VN0



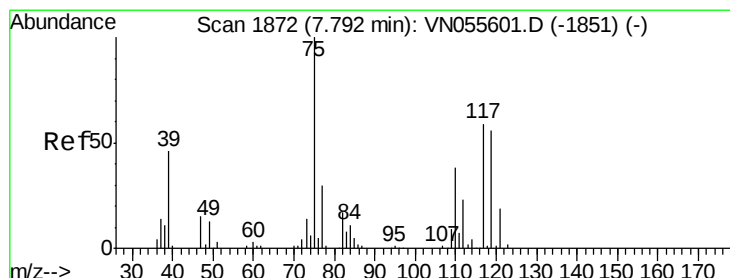
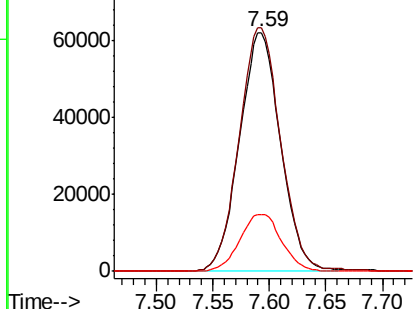
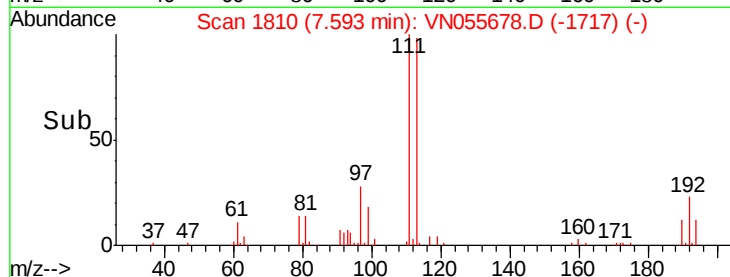


#35
 Dibromofluoromethane
 Concen: 49.974 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.5	123.7
192	24.4	18.7	28.1

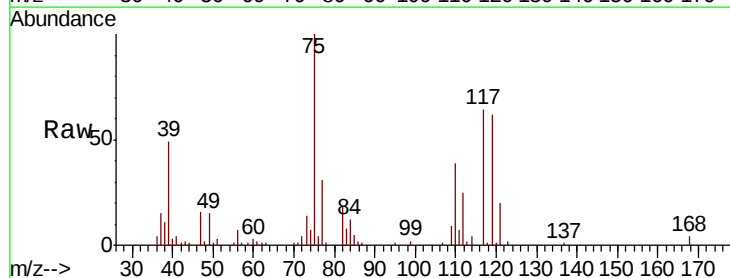


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

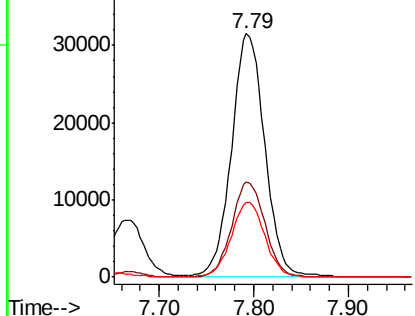
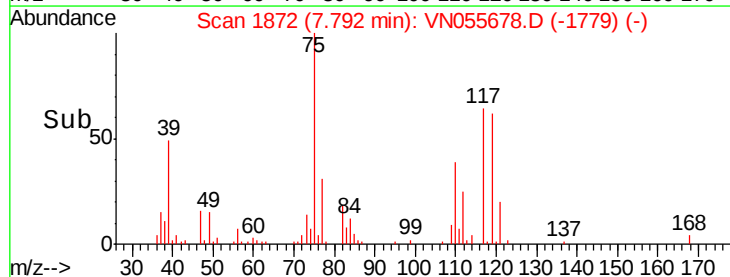


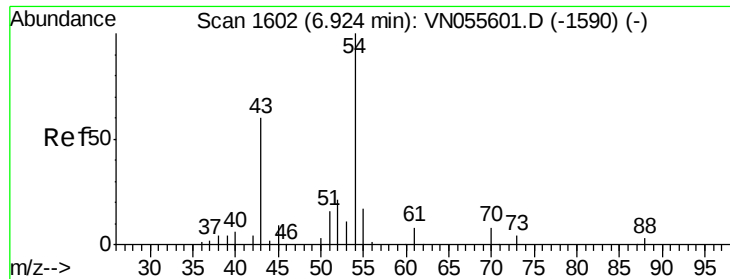
#36
 1,1-Dichloropropene
 Concen: 17.629 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	18.6	55.6
77	31.0	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 19.859 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

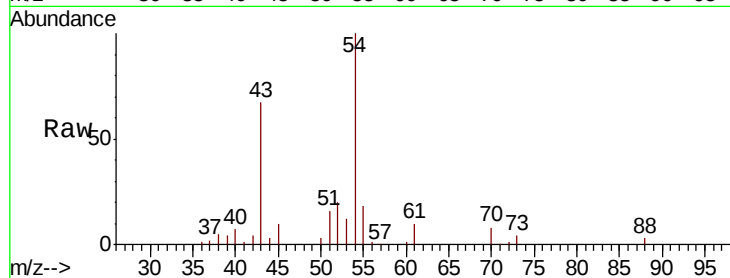
Tot Ion: 43 Resp: 78710

Ion Ratio Lower Upper

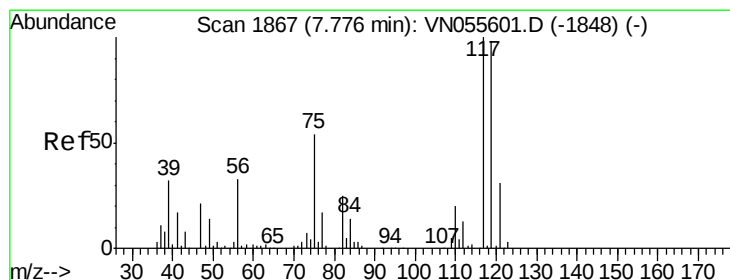
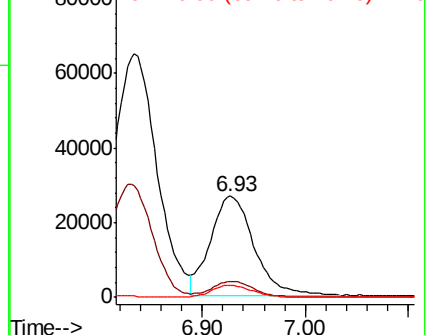
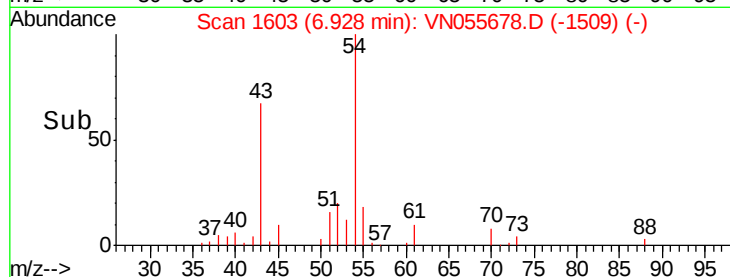
43 100

61 15.4 11.4 17.0

70 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1590) (-)



#38

Carbon Tetrachloride

Concen: 18.340 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

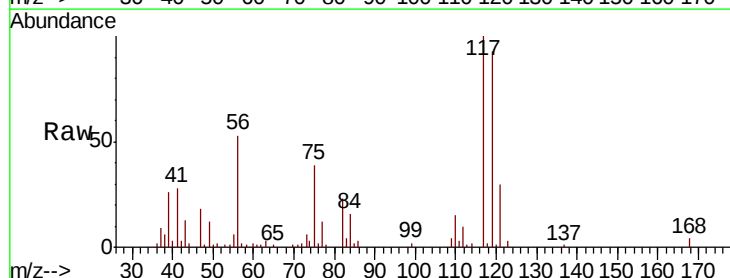
Tgt Ion: 117 Resp: 86075

Ion Ratio Lower Upper

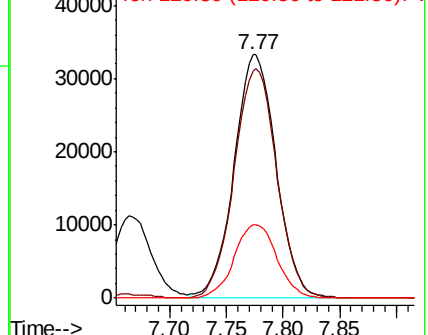
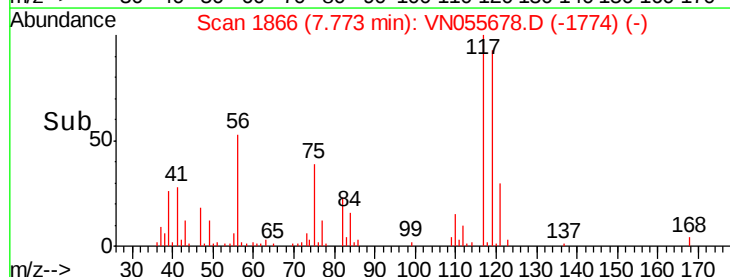
117 100

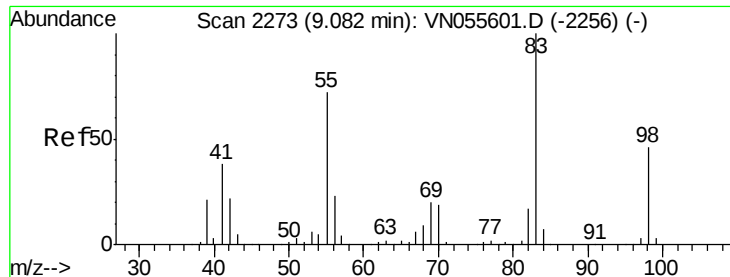
119 93.2 77.8 116.8

121 30.1 24.6 37.0



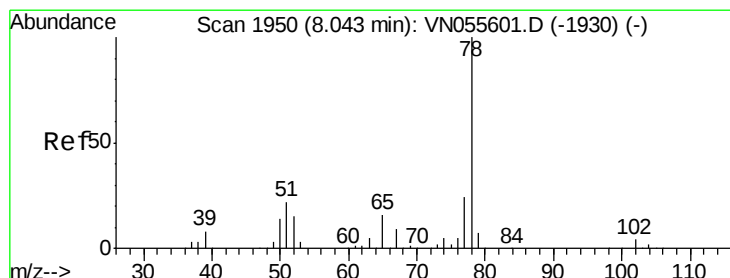
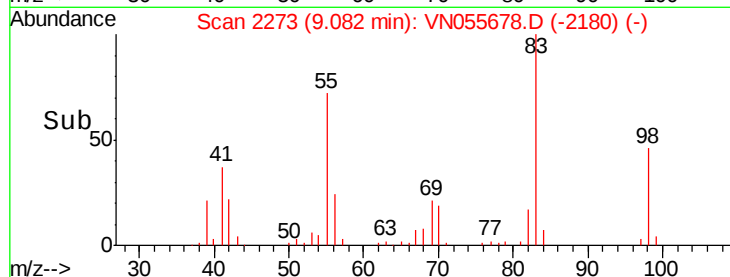
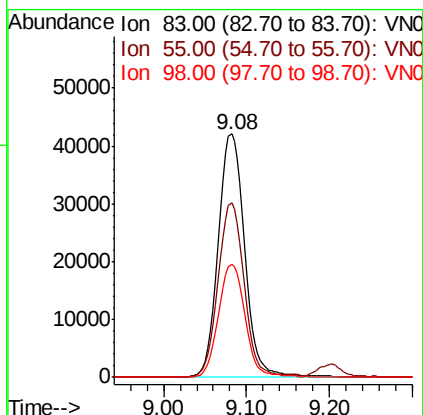
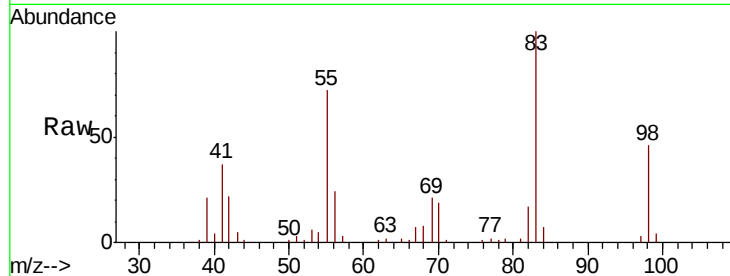
Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)





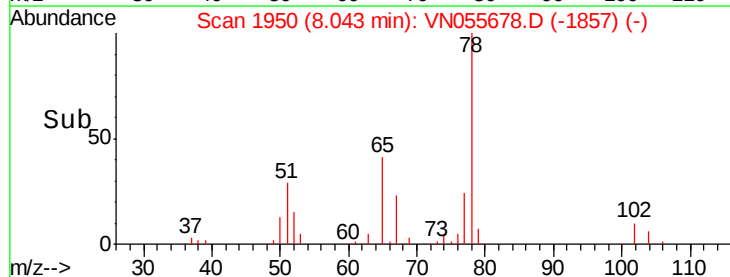
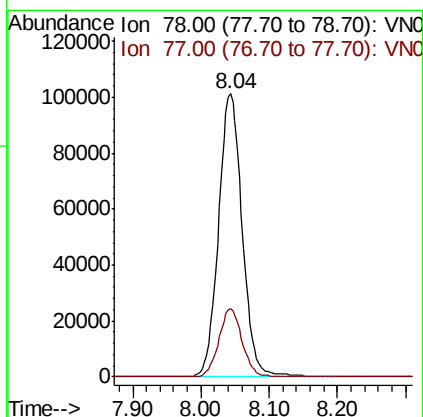
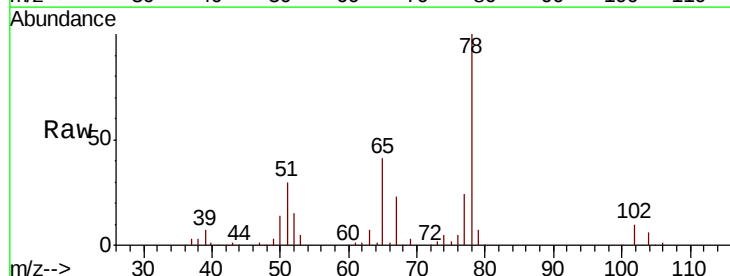
#39
Methvlcvclohexane
Concen: 17.584 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

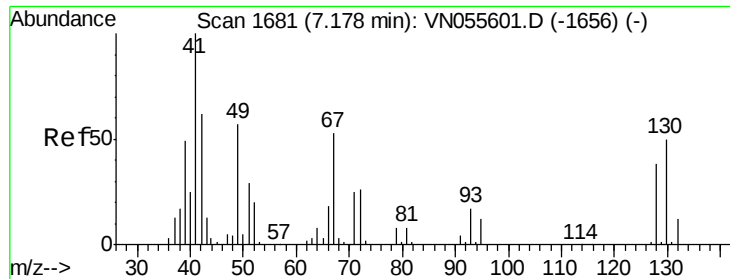
Tot Ion: 83 Resp: 93103
Ion Ratio Lower Upper
83 100
55 71.8 57.8 86.6
98 46.3 36.7 55.1



#40
Benzene
Concen: 18.866 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion: 78 Resp: 243724
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3





#41

Methacrylonitrile

Concen: 20.026 ug/l

RT: 7.17 min Scan# 1679

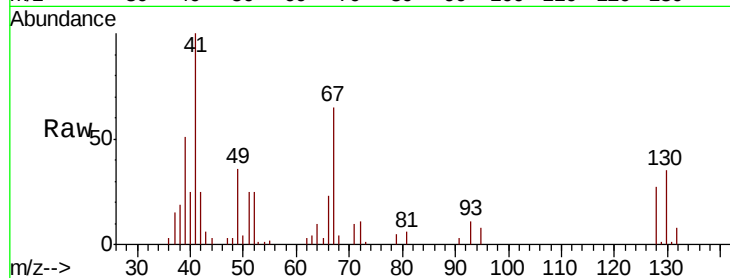
Delta R.T. -0.01 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tot Ion: 41 Resp: 33934

Ion	Ratio	Lower	Upper
41	100		
39	67.1	0.0	0.0#
67	100.1	0.0	0.0#
52	37.5	0.0	0.0#



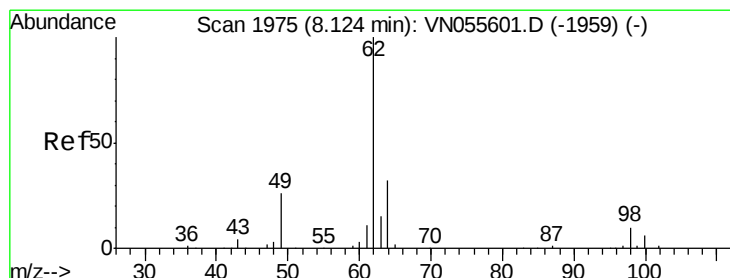
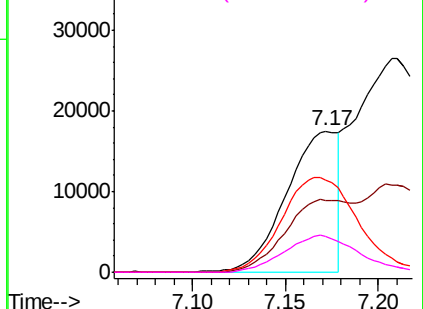
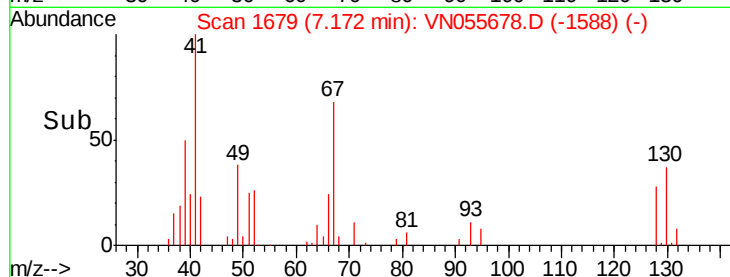
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 18.965 ug/l

RT: 8.13 min Scan# 1976

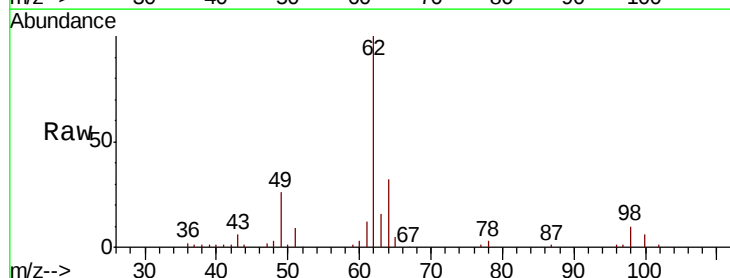
Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion: 62 Resp: 79334

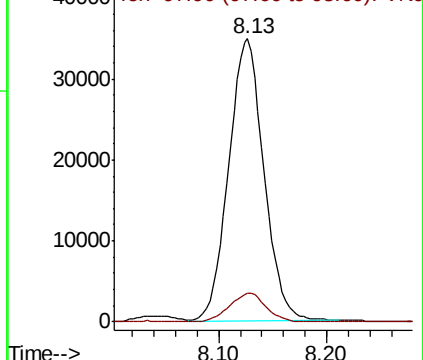
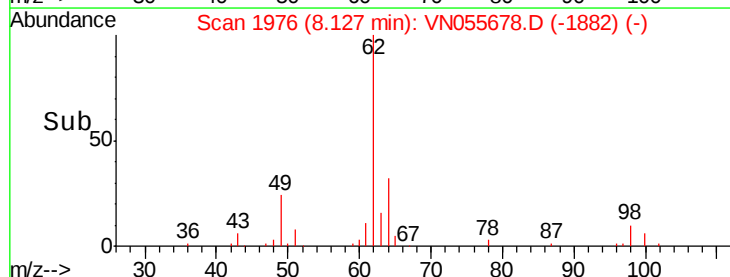
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2

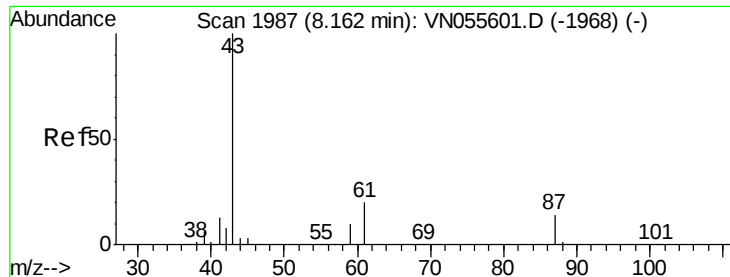


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.980 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

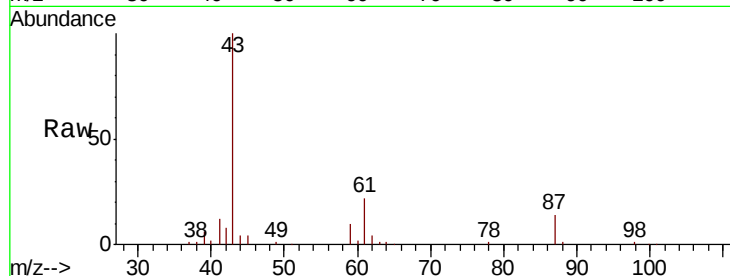
Tot Ion: 43 Resp: 137749

Ion Ratio Lower Upper

43 100

61 26.9 22.1 33.1

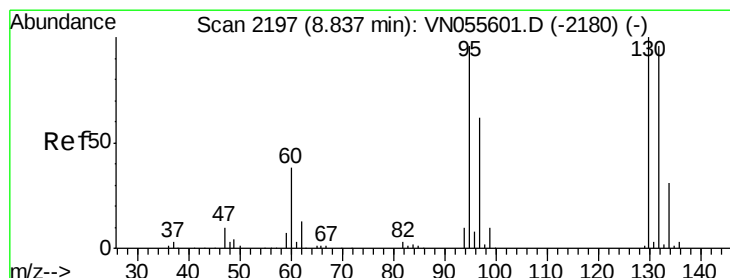
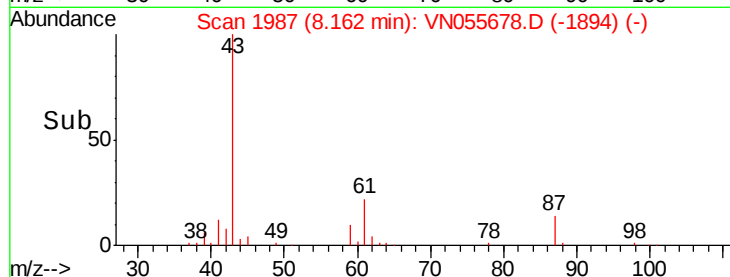
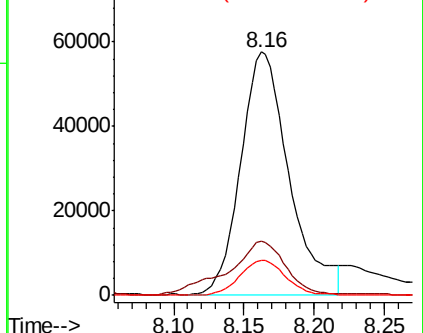
87 13.8 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)



#44

Trichloroethene

Concen: 18.879 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN055678.D

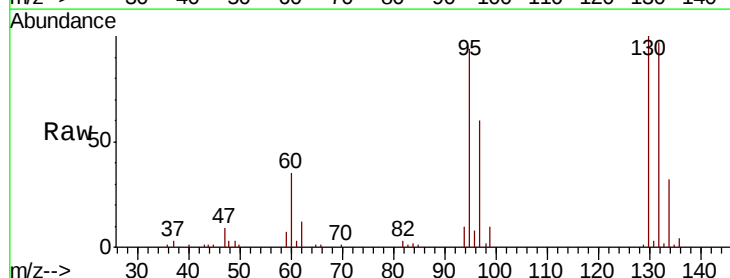
Acq: 20 May 2019 16:52

Tgt Ion: 130 Resp: 68821

Ion Ratio Lower Upper

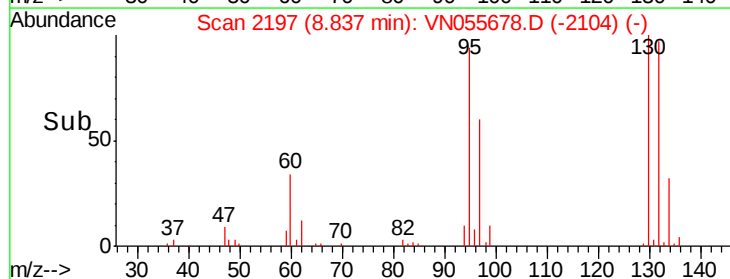
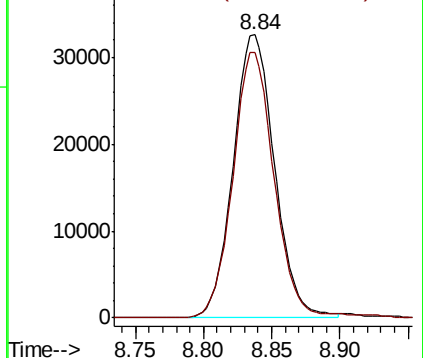
130 100

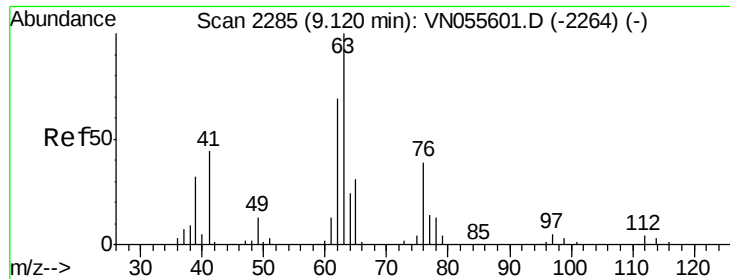
95 93.7 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055601.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055601.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 18.588 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055678.D

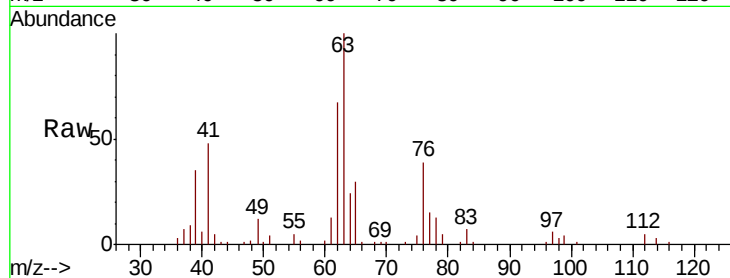
Acq: 20 May 2019 16:52

Tot Ion: 63 Resp: 63261

Ion Ratio Lower Upper

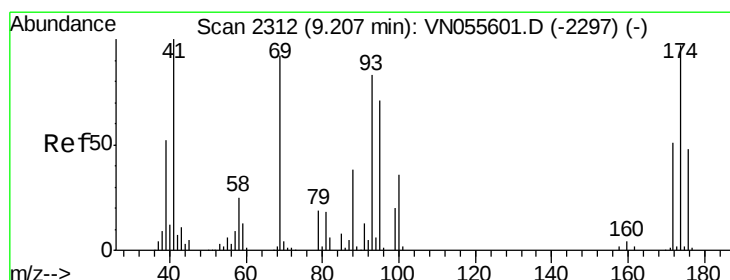
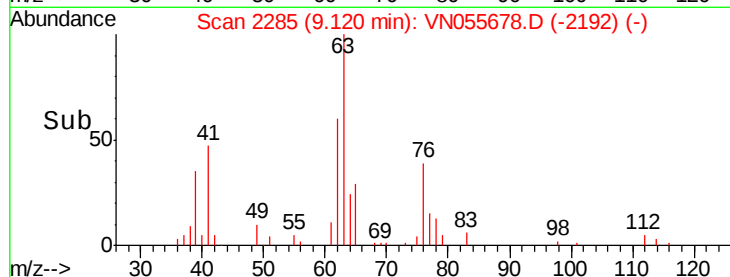
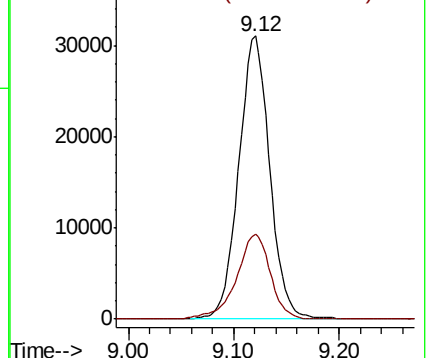
63 100

65 29.9 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.069 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

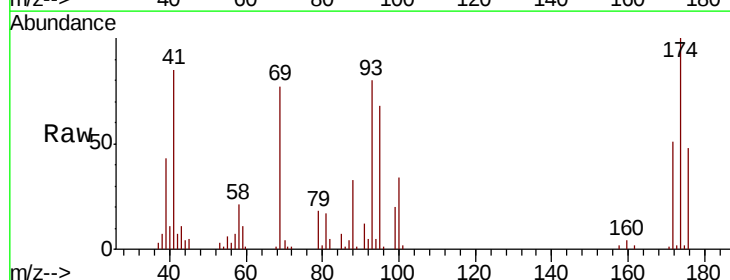
Tgt Ion: 93 Resp: 42475

Ion Ratio Lower Upper

93 100

95 86.3 67.9 101.9

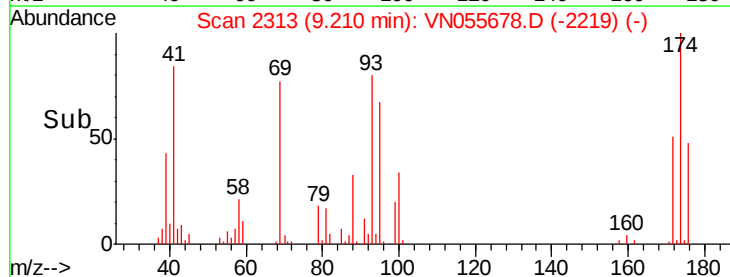
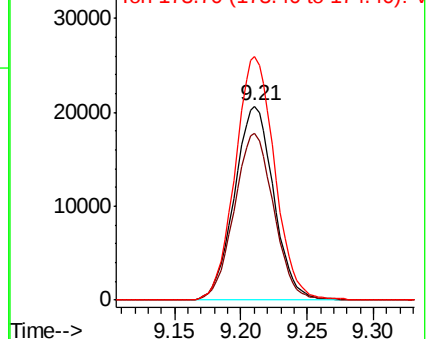
174 126.3 93.8 140.6

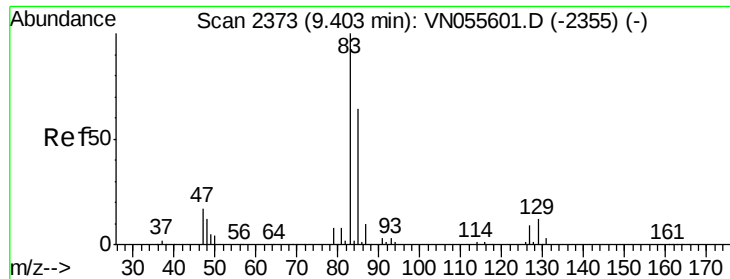


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.453 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

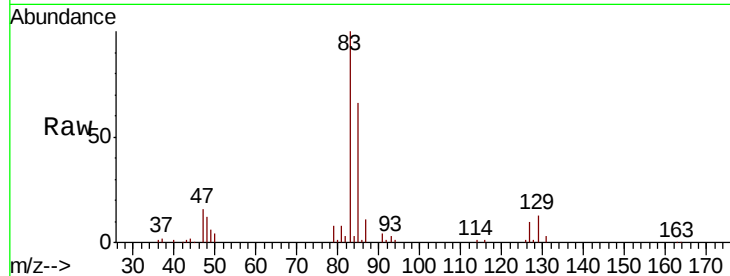
Tot Ion: 83 Resp: 86144

Ion Ratio Lower Upper

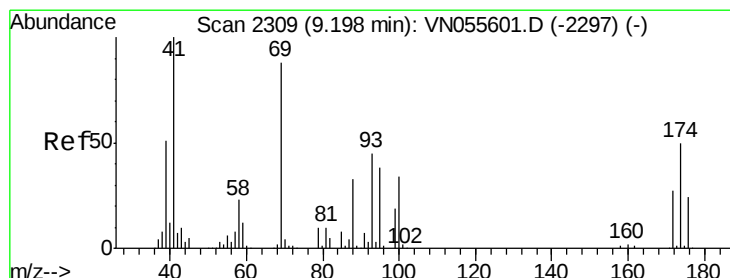
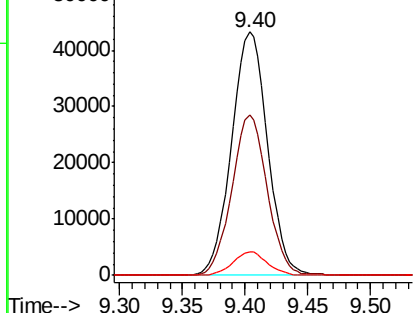
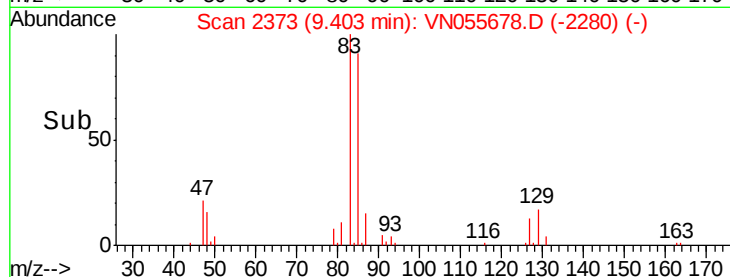
83 100

85 66.1 51.4 77.0

127 9.6 7.1 10.7



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



#48

Methyl methacrylate

Concen: 19.446 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

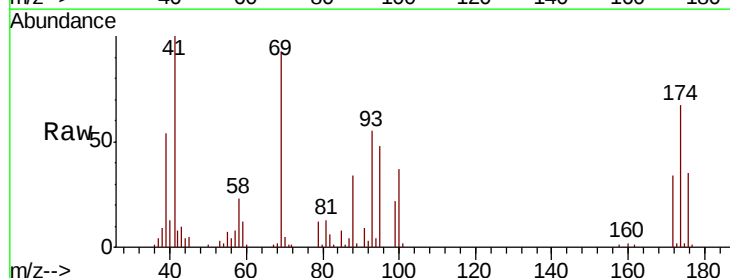
Tgt Ion: 41 Resp: 59922

Ion Ratio Lower Upper

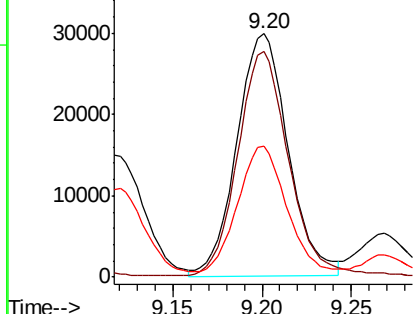
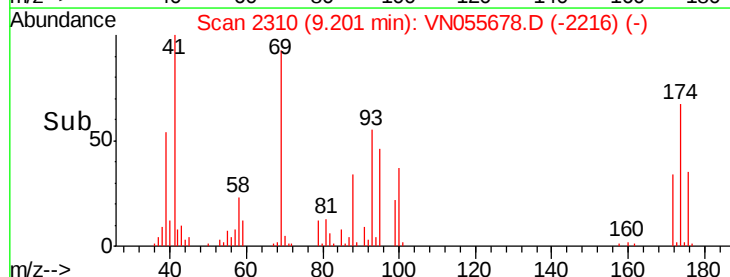
41 100

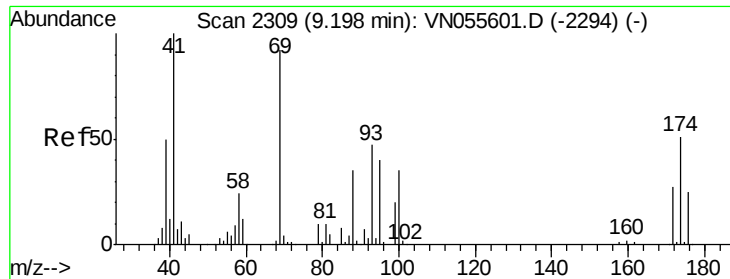
69 94.0 74.2 111.2

39 53.6 43.8 65.8



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





#49

1,4-Dioxane

Concen: 435.251 ug/l

RT: 9.20 min Scan# 2309

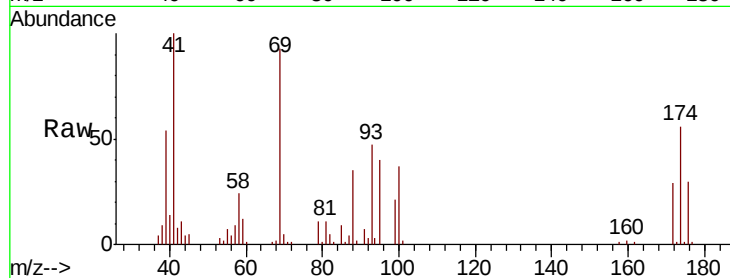
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tot Ion: 88 Resp: 26651

Ion	Ratio	Lower	Upper
88	100		
43	23.8	22.4	33.6
58	66.0	53.4	80.2

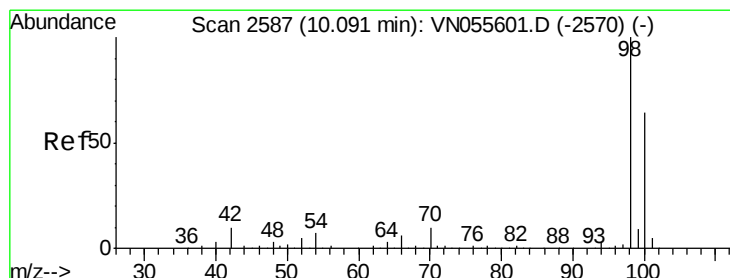
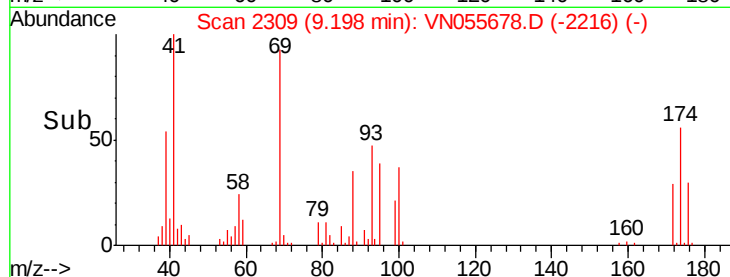
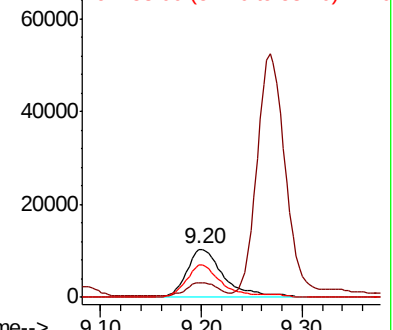


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.641 ug/l

RT: 10.09 min Scan# 2587

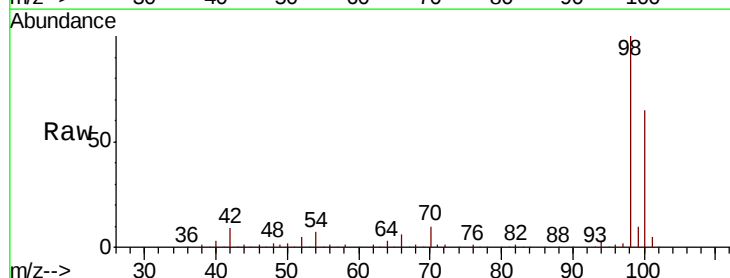
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion: 98 Resp: 575552

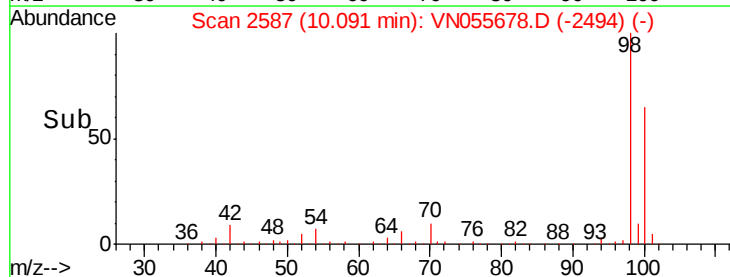
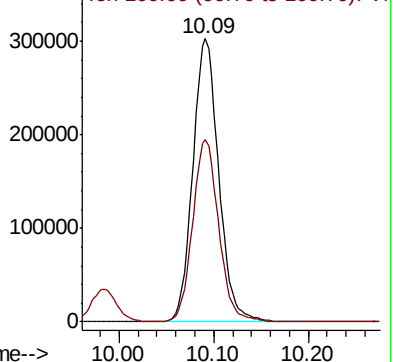
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9

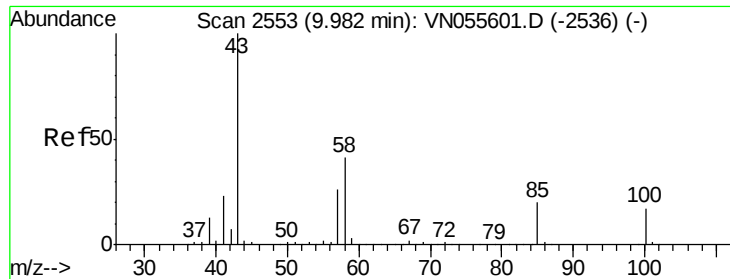


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 93.373 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055678.D

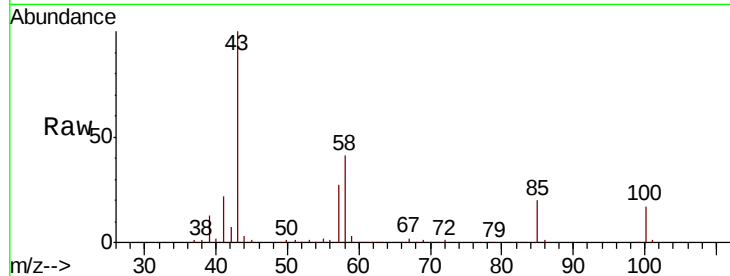
Acq: 20 May 2019 16:52

Tot Ion: 43 Resp: 377603

Ion Ratio Lower Upper

43 100

58 41.5 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

9.98

200000

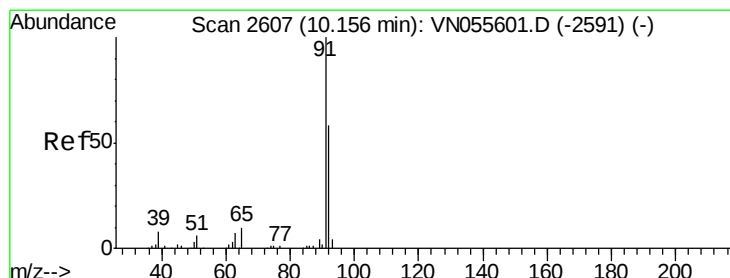
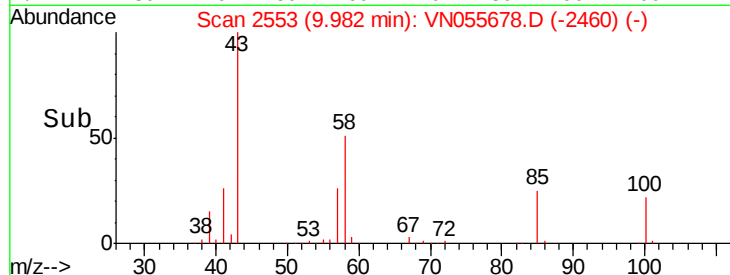
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.695 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055678.D

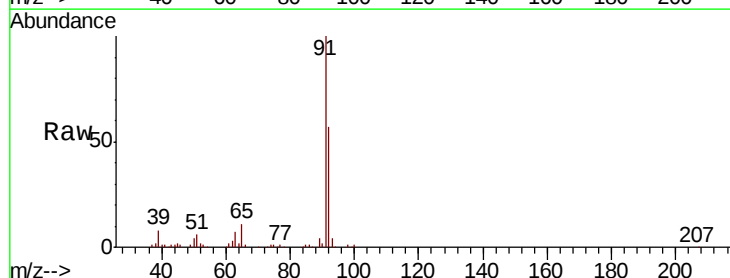
Acq: 20 May 2019 16:52

Tgt Ion: 92 Resp: 151483

Ion Ratio Lower Upper

92 100

91 175.5 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055601.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055601.D (-2591) (-)

10.16

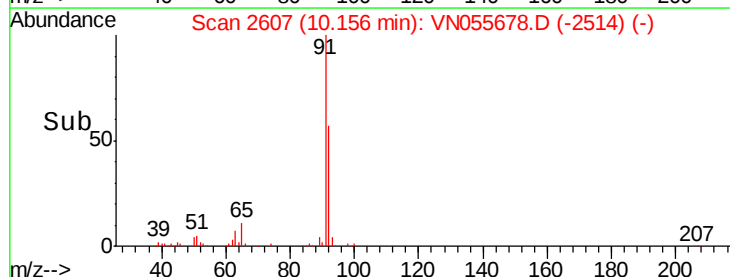
150000

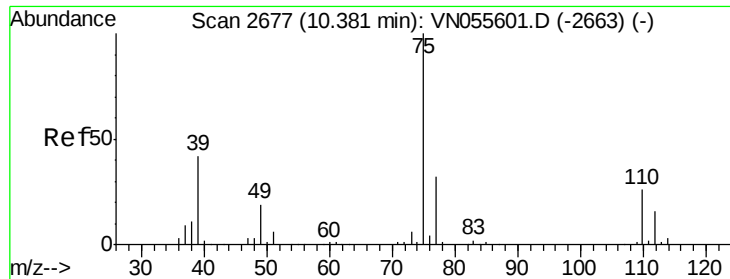
100000

50000

0

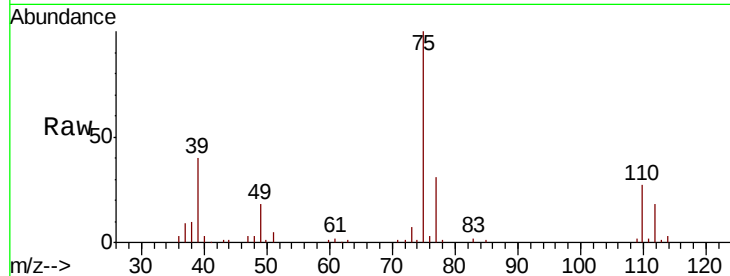
Time-->



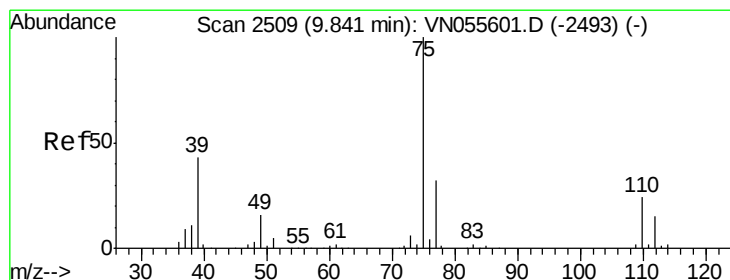
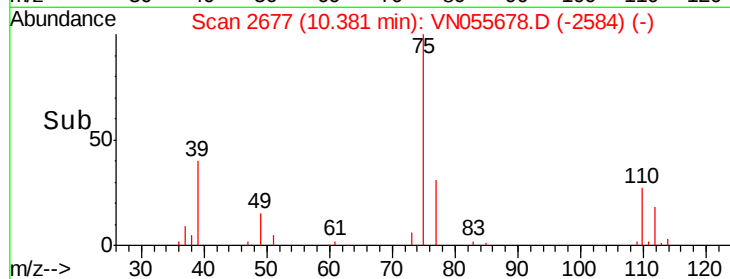
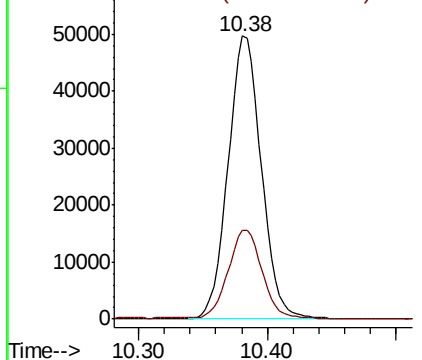


#53
 t-1,3-Dichloropropene
 Concen: 17.709 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tot Ion: 75 Resp: 88981
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2

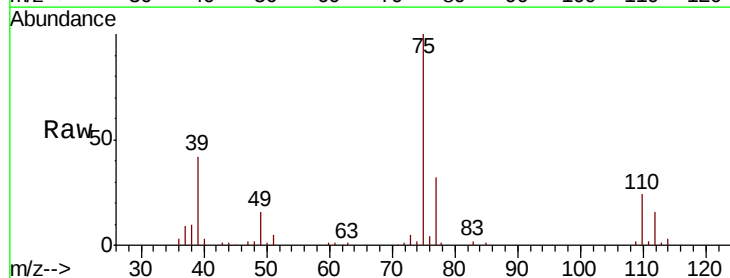


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

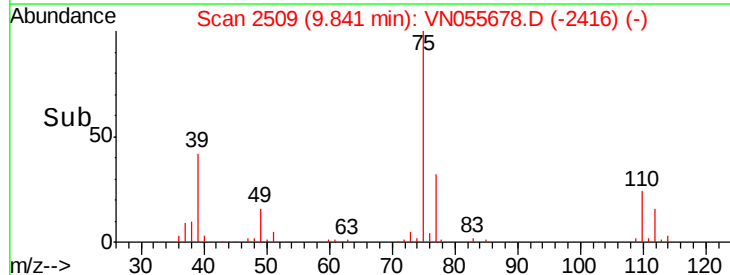
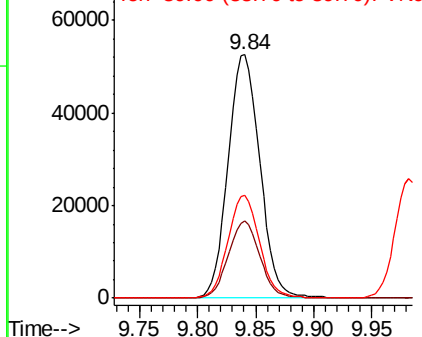


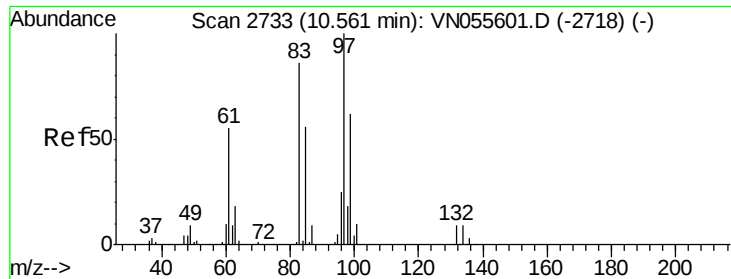
#54
 cis-1,3-Dichloropropene
 Concen: 18.138 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tgt Ion: 75 Resp: 99838
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5
 39 42.1 34.7 52.1



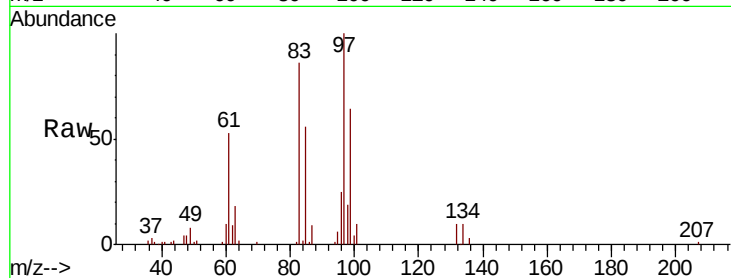
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#55
 1,1,2-Trichloroethane
 Concen: 18.876 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tot Ion:	97	Resp:	62965
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.4	102.6
85	56.4	44.8	67.2
99	63.7	49.9	74.9



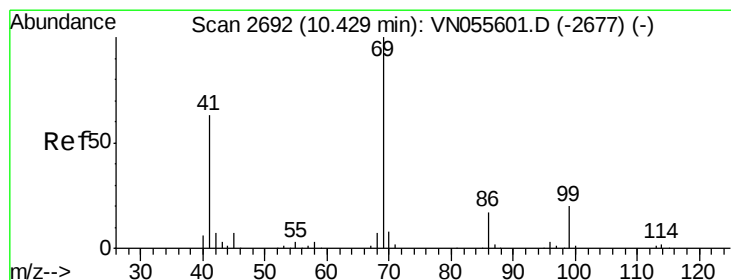
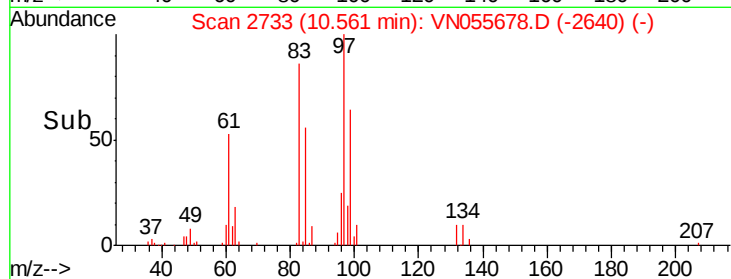
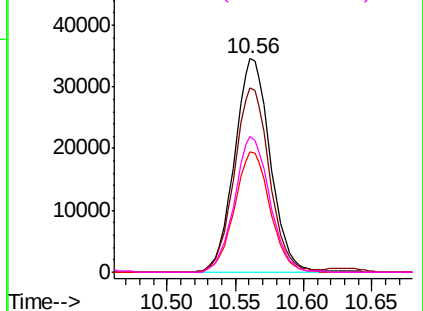
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

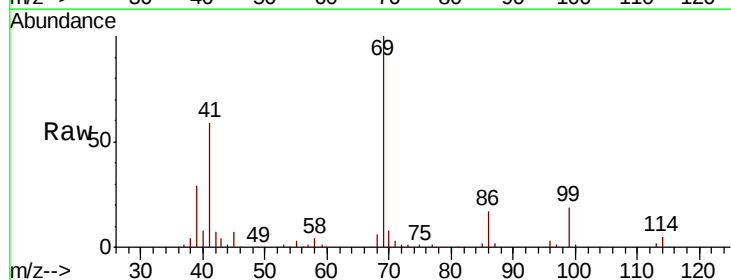
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 18.434 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tgt Ion:	69	Resp:	95989
Ion	Ratio	Lower	Upper
69	100		
41	59.6	50.3	75.5
39	29.9	25.4	38.2

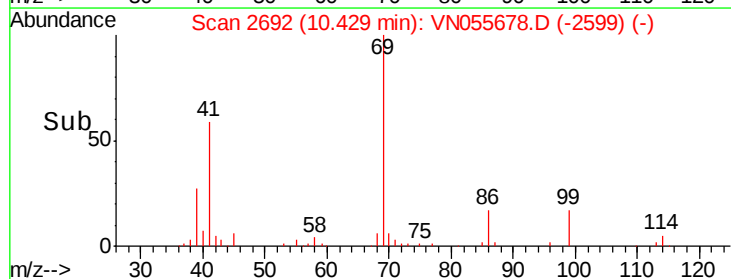
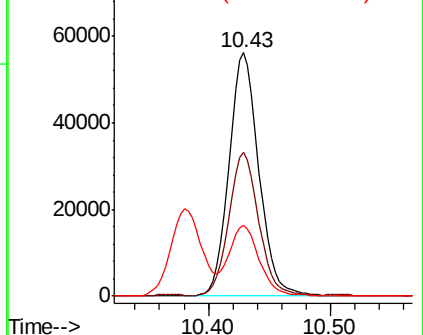


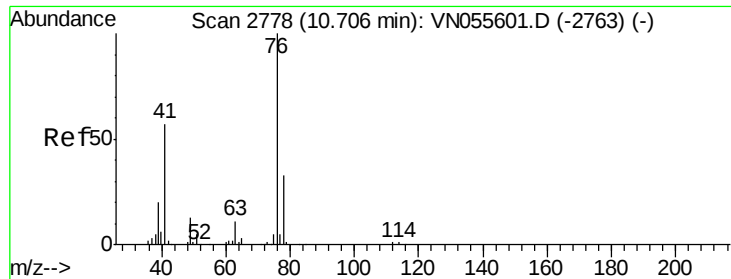
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 18.887 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055678.D

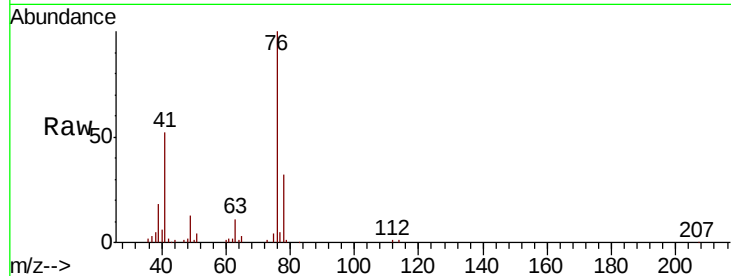
Acq: 20 May 2019 16:52

Tot Ion: 76 Resp: 99783

Ion Ratio Lower Upper

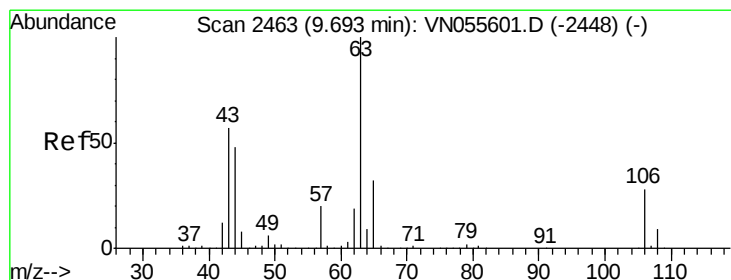
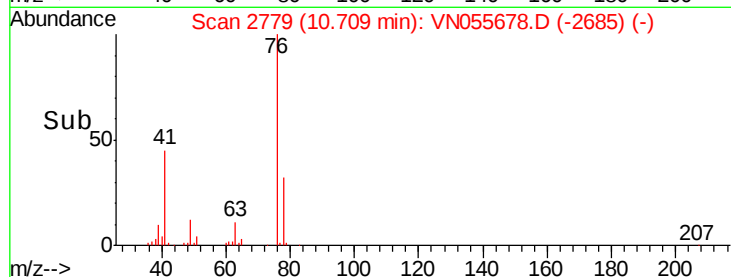
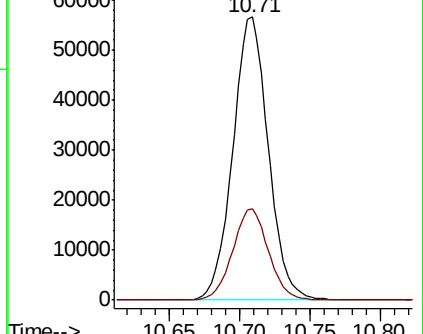
76 100

78 32.5 26.5 39.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 87.019 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055678.D

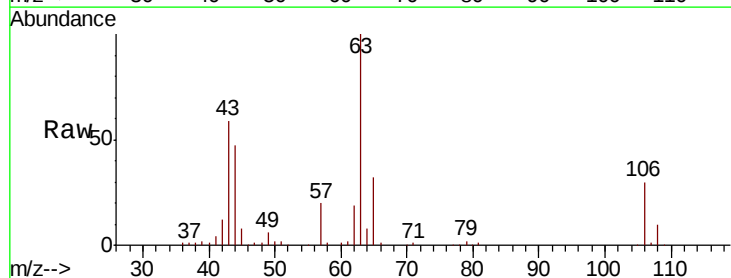
Acq: 20 May 2019 16:52

Tgt Ion: 63 Resp: 192534

Ion Ratio Lower Upper

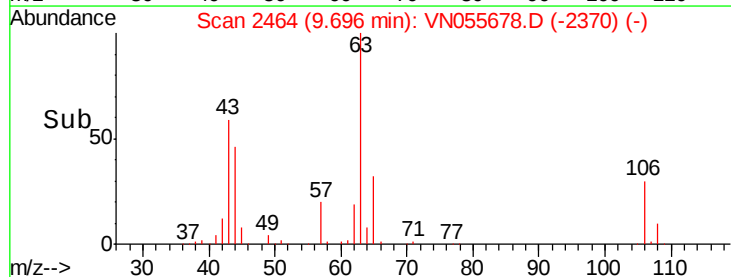
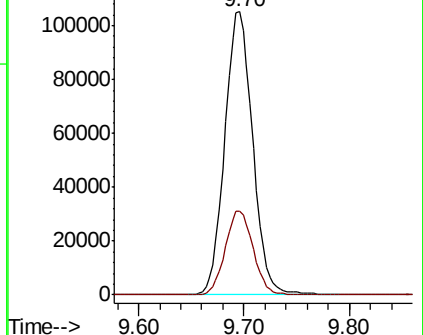
63 100

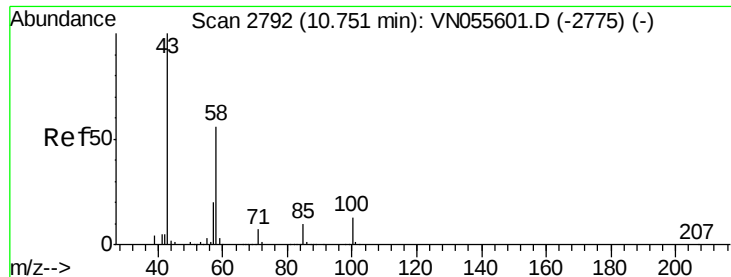
106 29.6 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

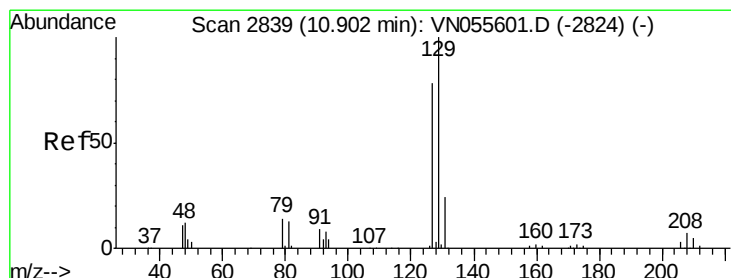
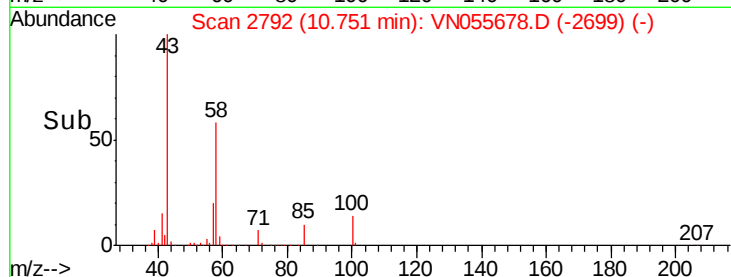
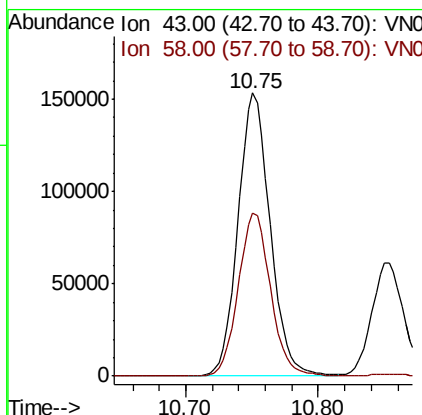
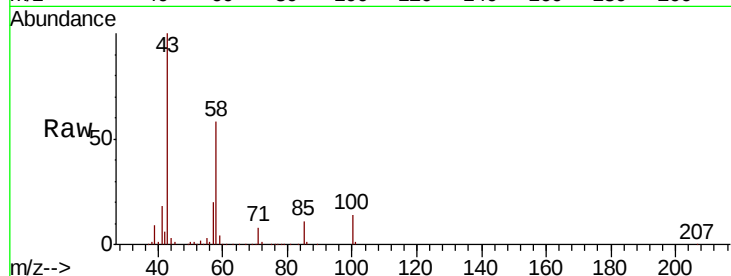
Ion 105.90 (105.60 to 106.60): V





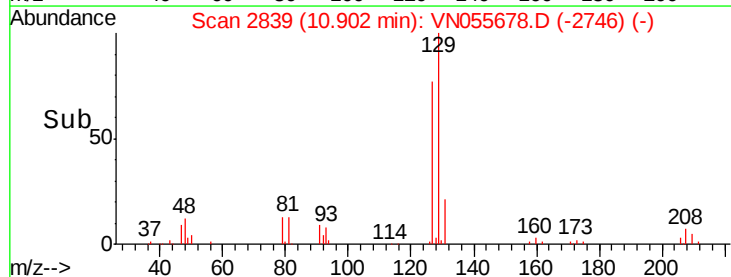
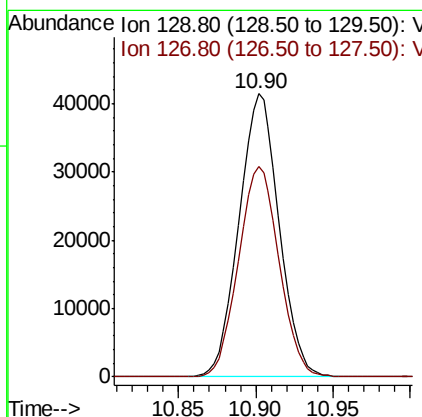
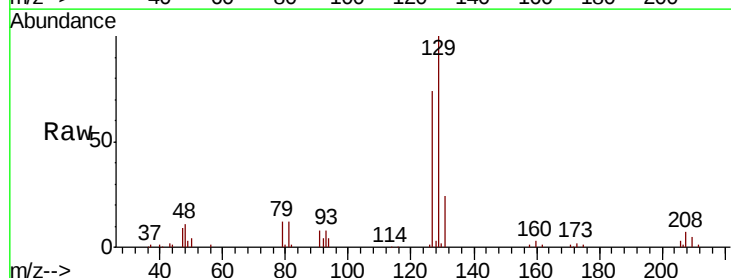
#59
2-Hexanone
Concen: 90.307 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

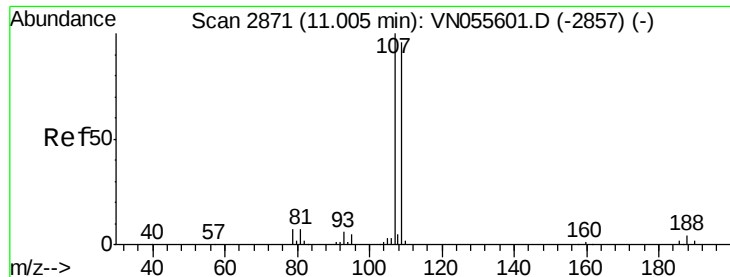
Tot Ion: 43 Resp: 257122
Ion Ratio Lower Upper
43 100
58 58.3 28.1 84.4



#60
Dibromochloromethane
Concen: 19.757 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion: 129 Resp: 74694
Ion Ratio Lower Upper
129 100
127 75.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.736 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055678.D

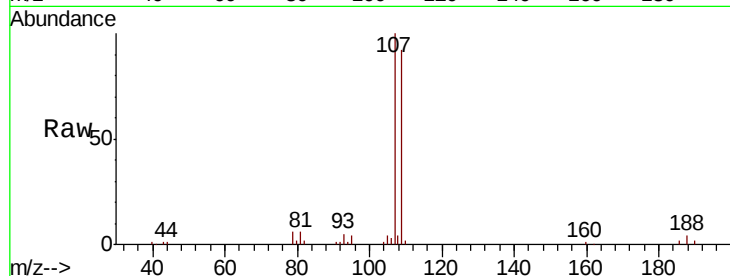
Acq: 20 May 2019 16:52

Tot Ion:107 Resp: 65872

Ion Ratio Lower Upper

107 100

109 93.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

40000

30000

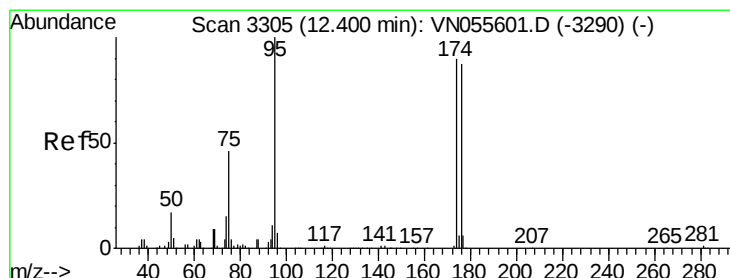
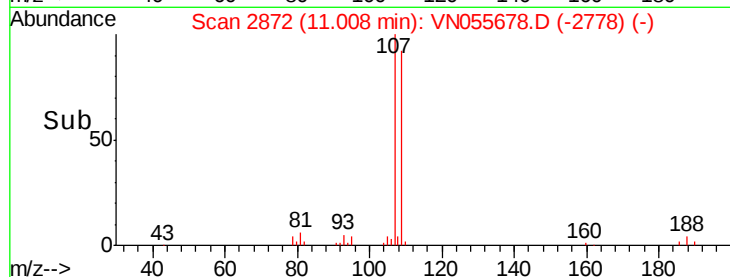
20000

10000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 44.881 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

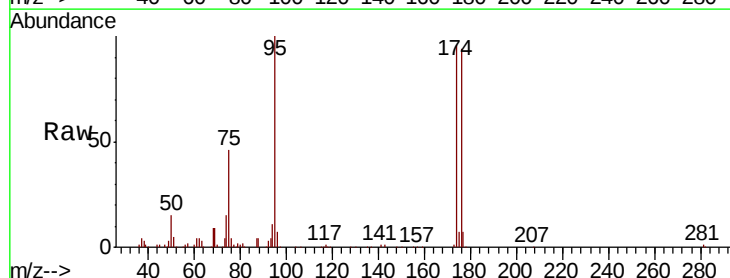
Tgt Ion: 95 Resp: 183384

Ion Ratio Lower Upper

95 100

174 96.9 0.0 180.6

176 94.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

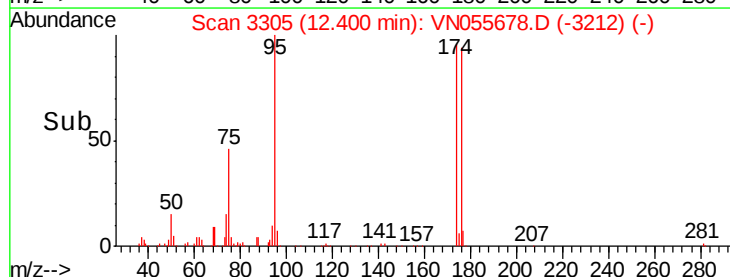
100000

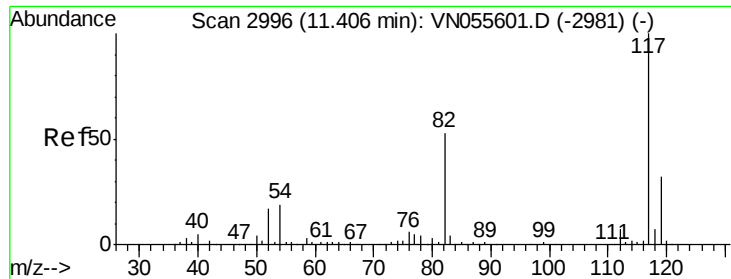
50000

0

Time-->

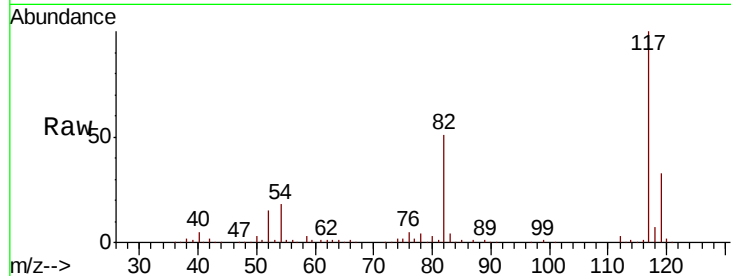
12.35 12.40 12.45



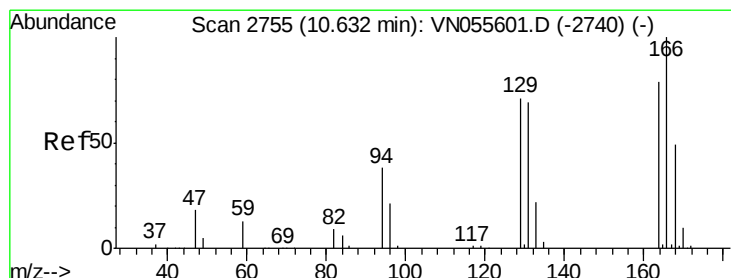
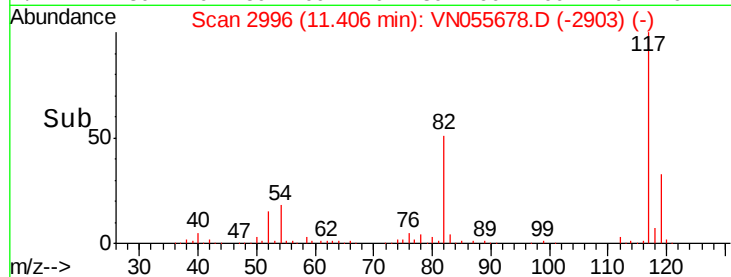
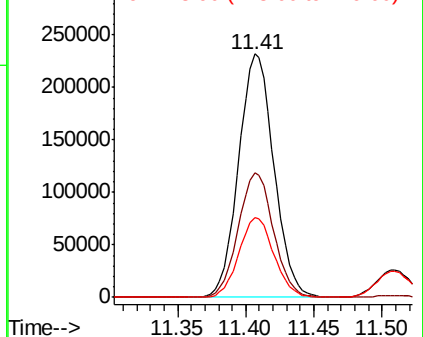


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tot Ion:117 Resp: 416863
Ion Ratio Lower Upper
117 100
82 50.9 42.3 63.5
119 32.7 25.4 38.2

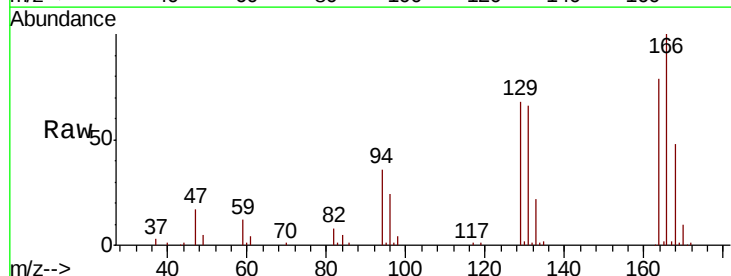


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

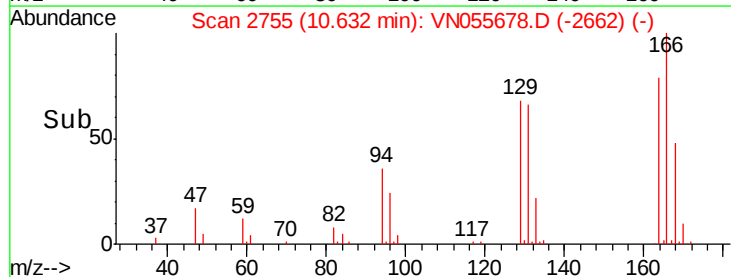
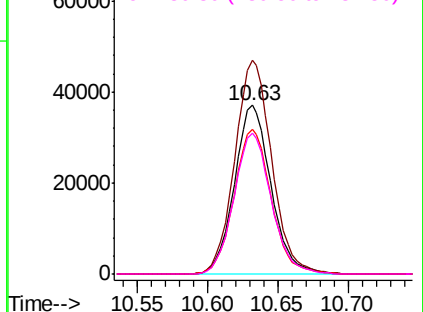


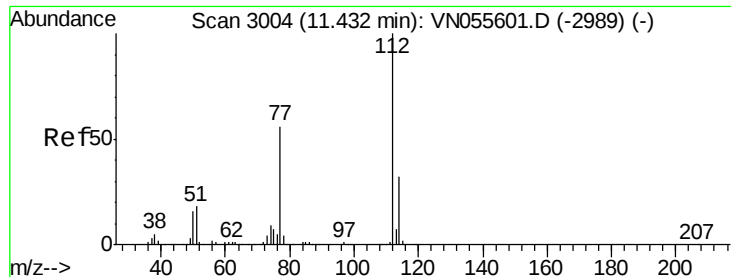
#64
Tetrachloroethene
Concen: 20.488 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion:164 Resp: 67362
Ion Ratio Lower Upper
164 100
166 126.4 101.0 151.6
129 85.7 71.7 107.5
131 83.0 69.6 104.4



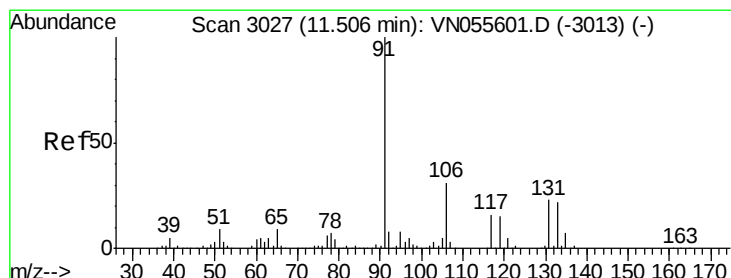
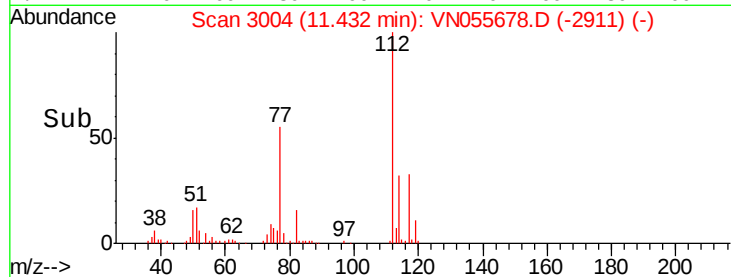
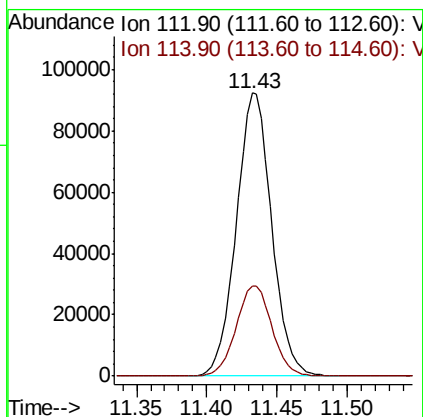
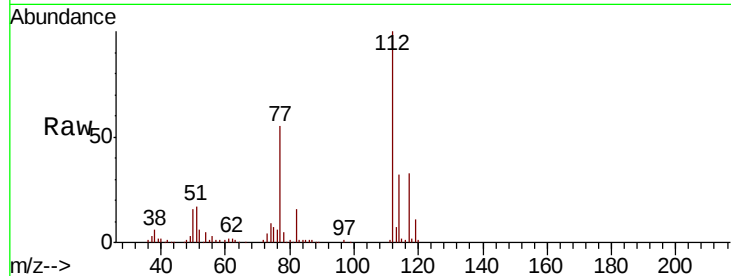
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





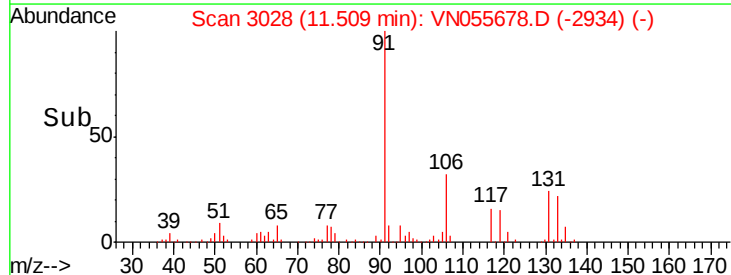
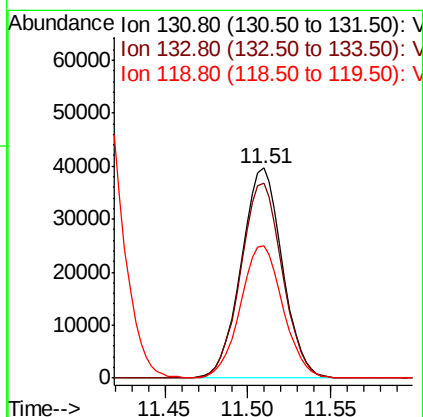
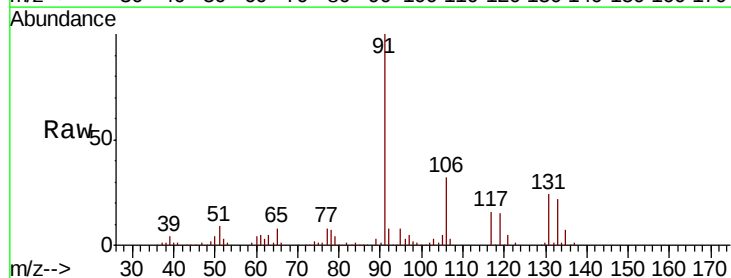
#65
Chlorobenzene
Concen: 19.227 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

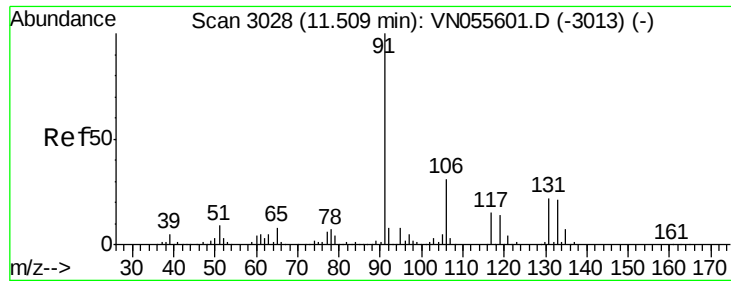
Tot Ion:112 Resp: 162114
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.126 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

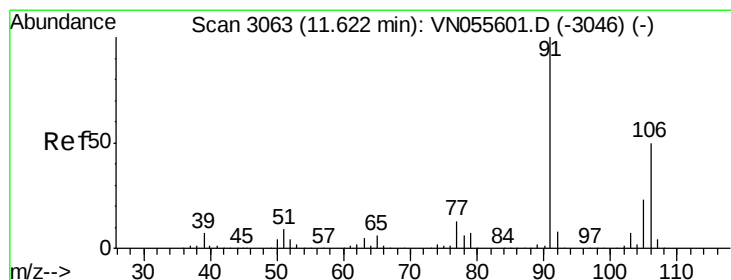
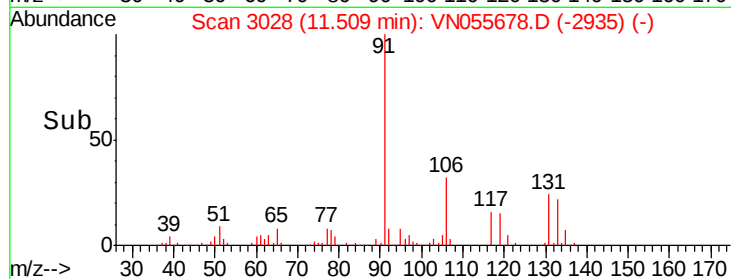
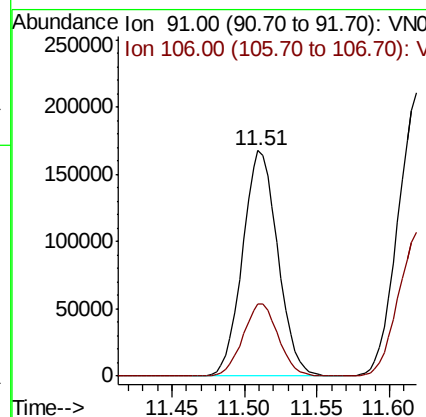
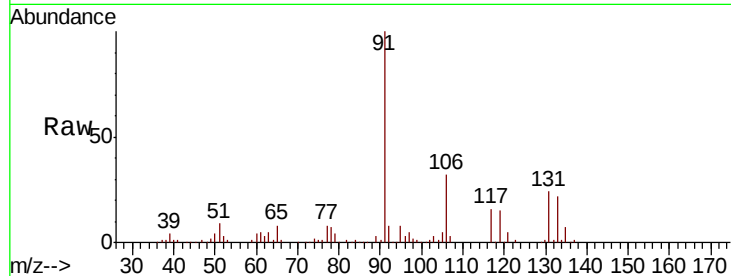
Tgt Ion:131 Resp: 68268
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 65.0 33.3 99.8





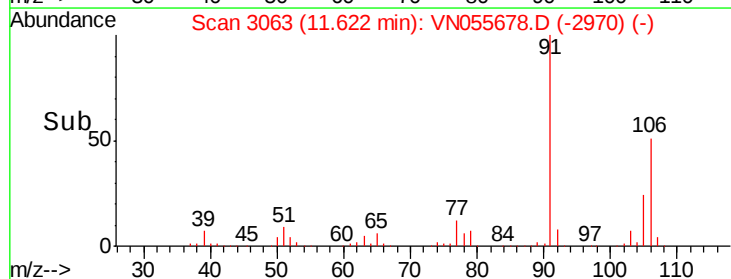
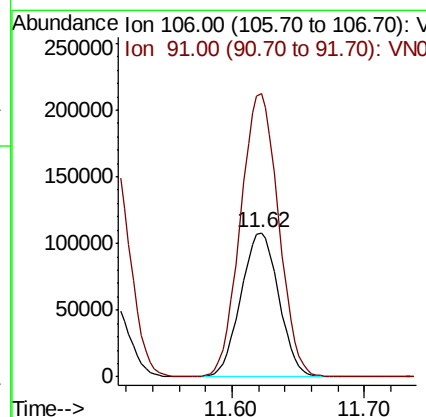
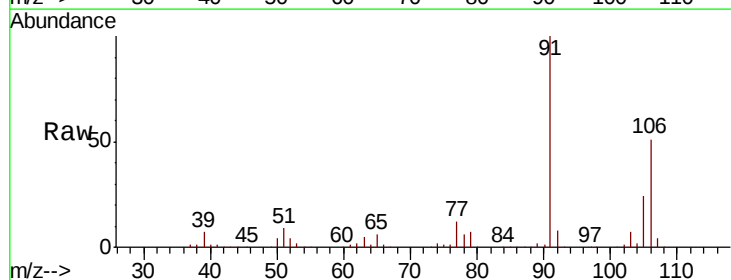
#67
Ethyl Benzene
Concen: 18.851 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

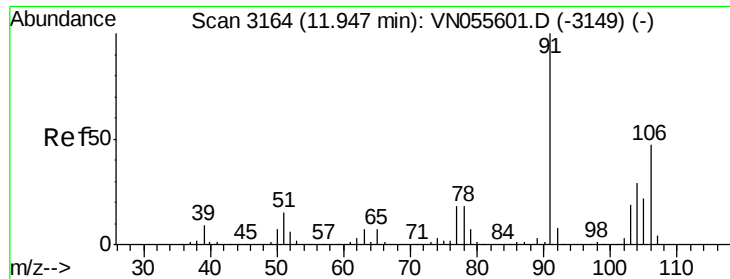
Tot Ion: 91 Resp: 283149
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8



#68
m/p-Xylenes
Concen: 37.841 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

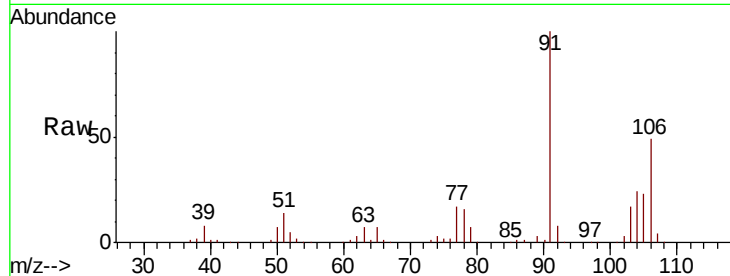
Tgt Ion: 106 Resp: 214639
Ion Ratio Lower Upper
106 100
91 197.3 160.5 240.7



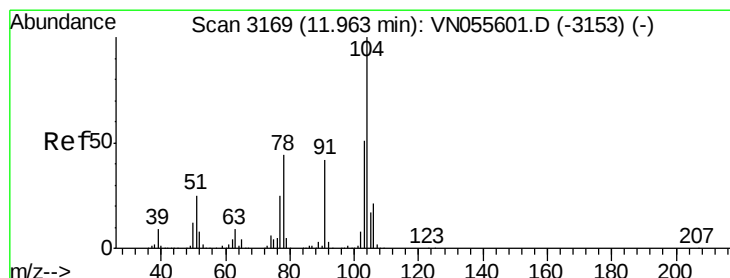
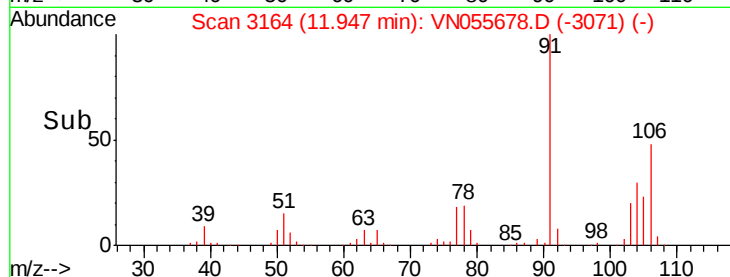
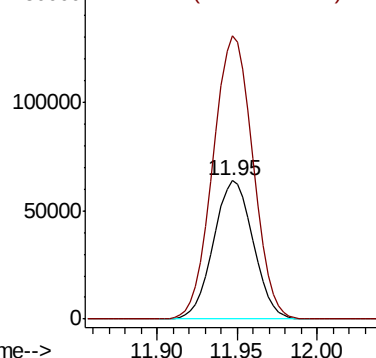


#69
o-Xylene
Concen: 19.496 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tot Ion:106 Resp: 108161
Ion Ratio Lower Upper
106 100
91 206.2 106.7 320.2

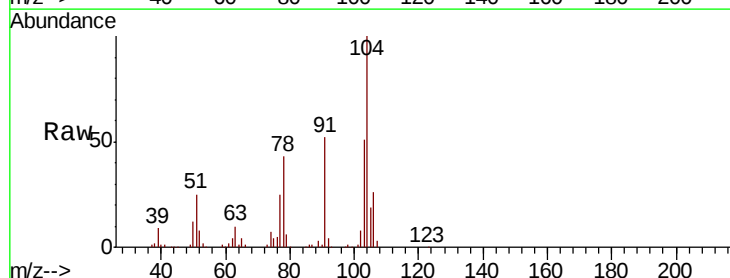


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

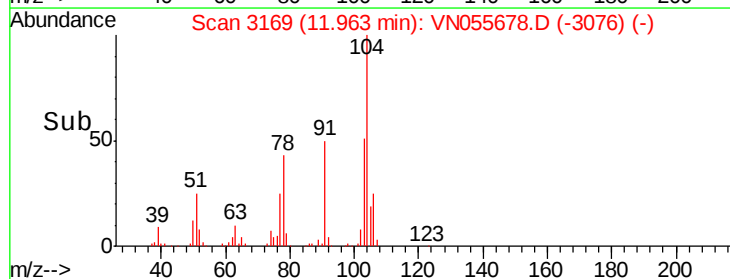
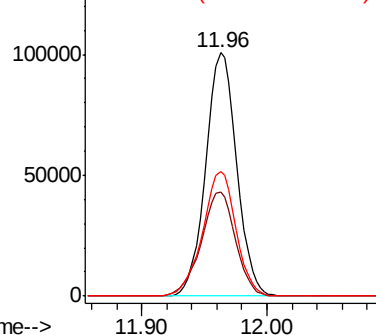


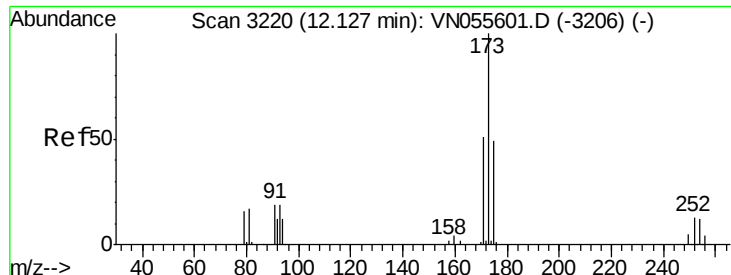
#70
Styrene
Concen: 18.752 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion:104 Resp: 172980
Ion Ratio Lower Upper
104 100
78 47.2 38.6 58.0
103 55.0 44.4 66.6



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





#71

Bromoform

Concen: 19.952 ug/l

RT: 12.13 min Scan# 3220

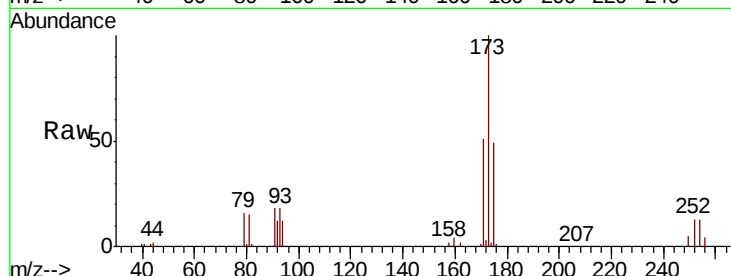
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tot Ion:173 Resp: 57353

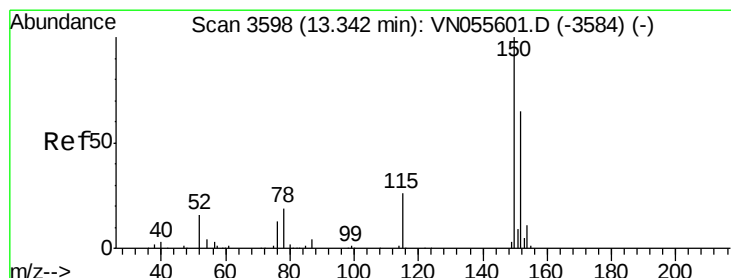
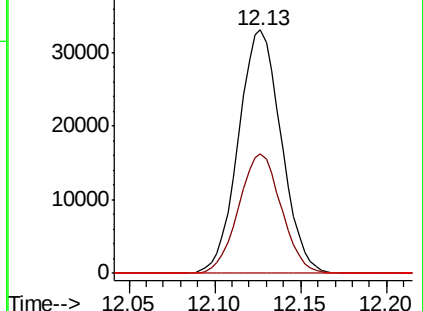
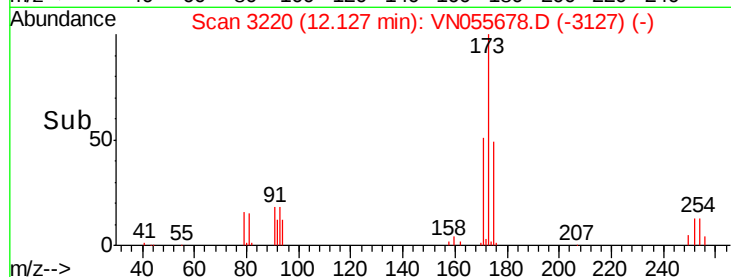
Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.9
254	0.0	0.1	0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

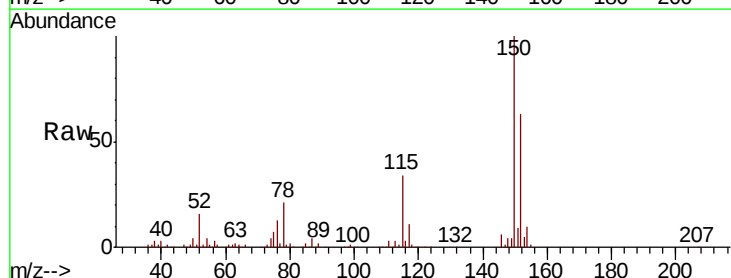
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion:152 Resp: 167631

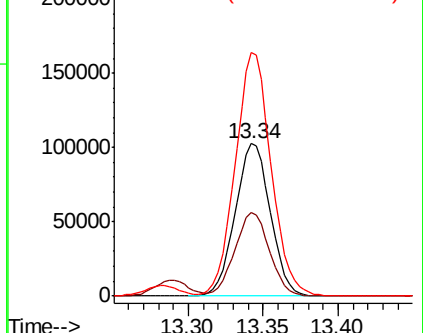
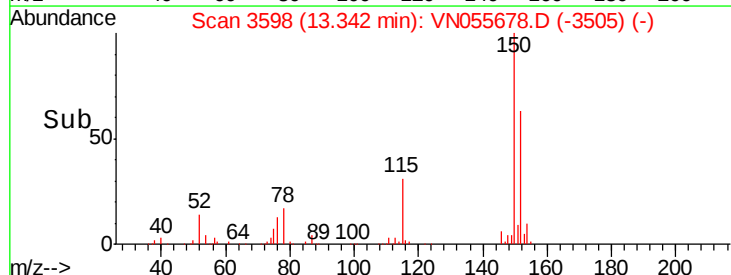
Ion	Ratio	Lower	Upper
152	100		
115	54.0	28.1	84.2
150	163.1	0.0	348.0

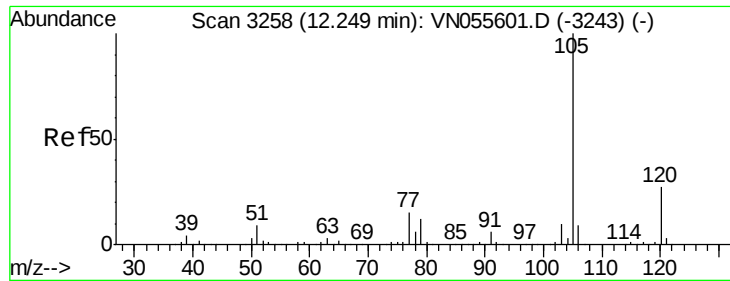


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.639 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055678.D

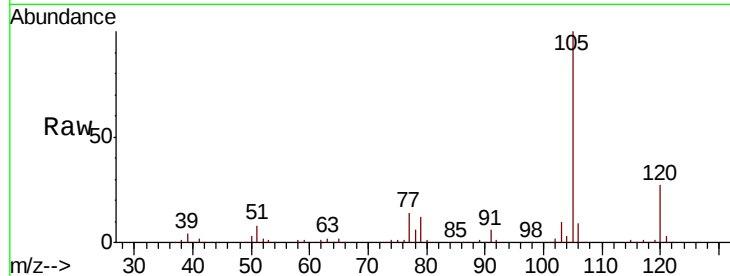
Acq: 20 May 2019 16:52

Tot Ion:105 Resp: 281819

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

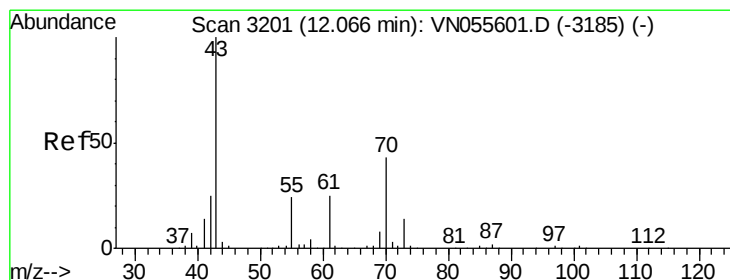
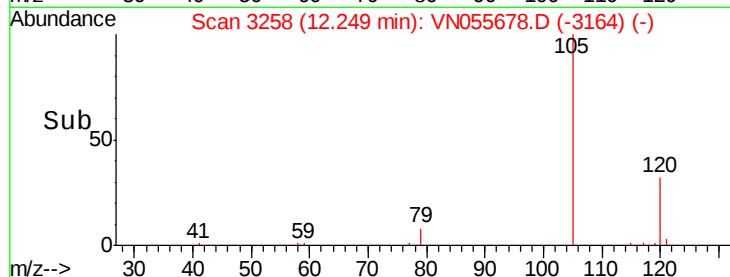
50000

0

12.25

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 20.642 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion: 43 Resp: 97164

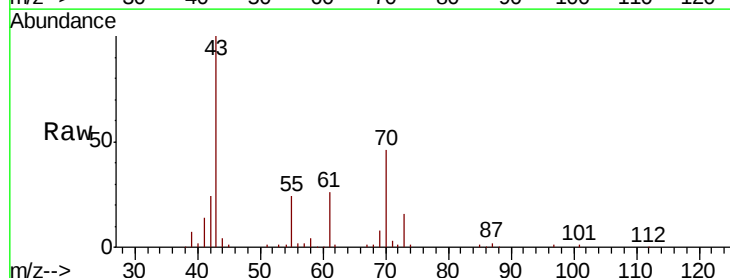
Ion Ratio Lower Upper

43 100

70 45.3 35.0 52.6

55 24.0 18.9 28.3

61 25.8 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

40000

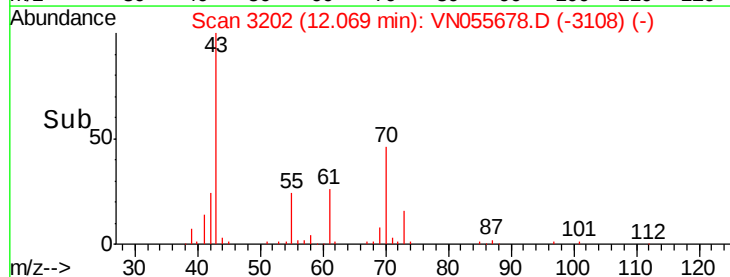
20000

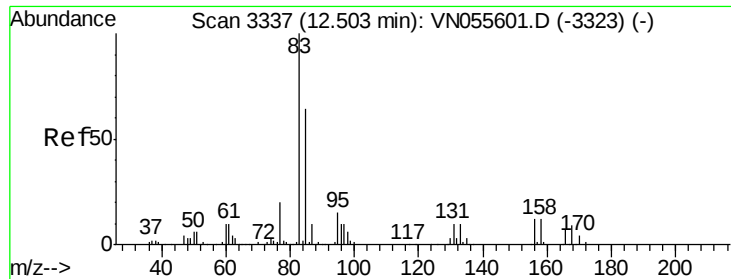
0

12.07

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.416 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

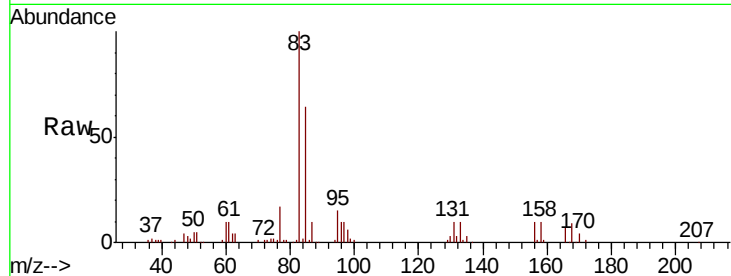
Tot Ion: 83 Resp: 86464

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

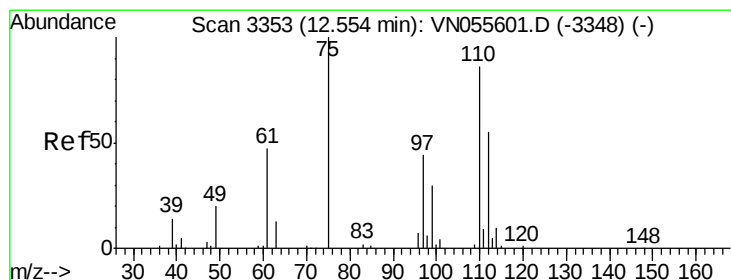
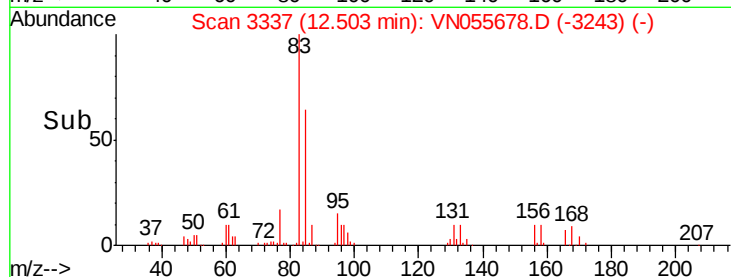
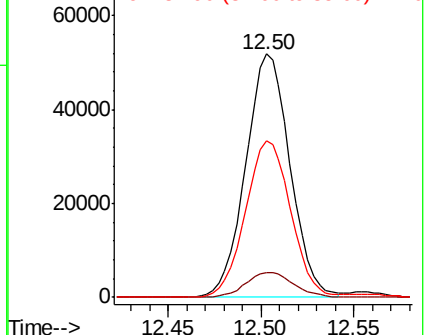
85 65.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.139 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055678.D

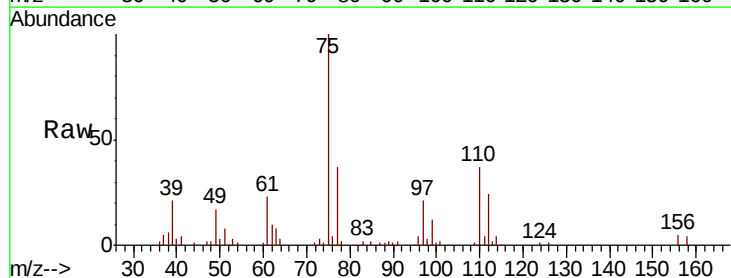
Acq: 20 May 2019 16:52

Tgt Ion: 75 Resp: 103093

Ion Ratio Lower Upper

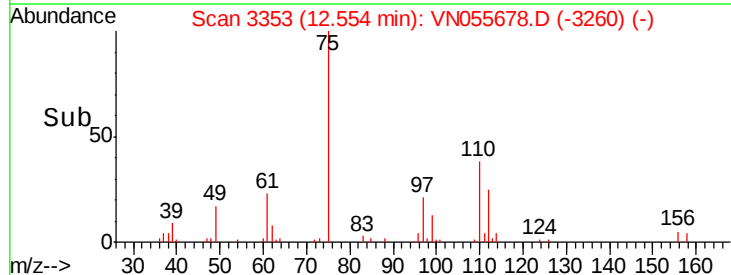
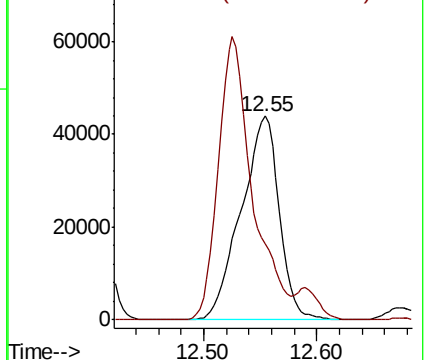
75 100

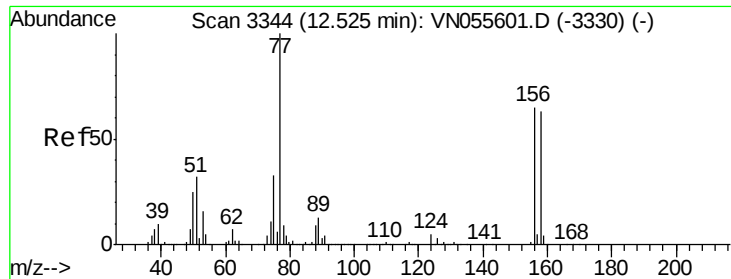
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.317 ug/l

RT: 12.53 min Scan# 3344

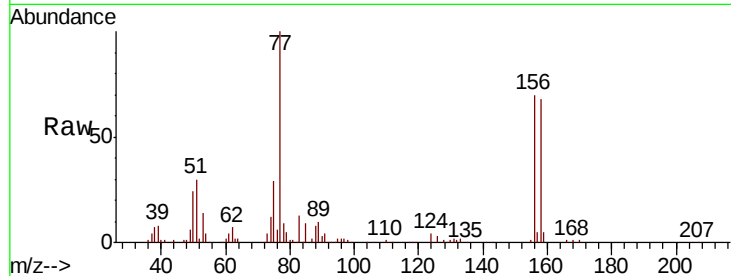
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tot Ion:156 Resp: 73388

Ion	Ratio	Lower	Upper
156	100		
77	174.3	94.5	283.5
158	97.6	49.0	147.2

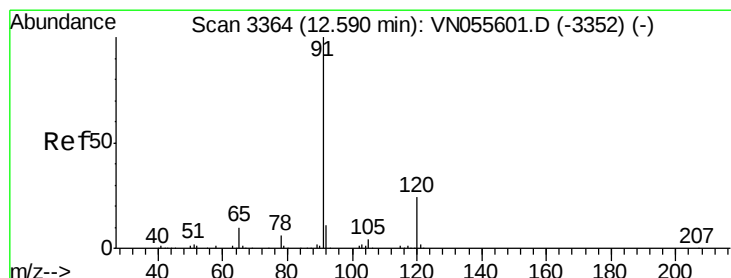
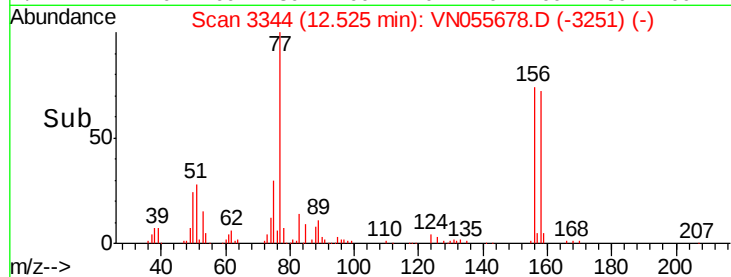
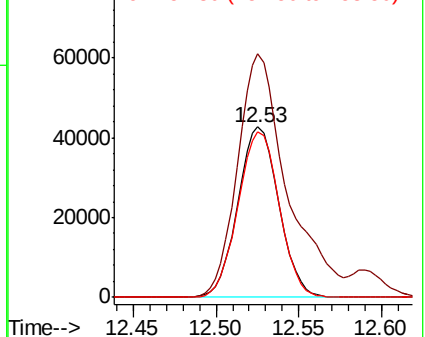


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.119 ug/l

RT: 12.59 min Scan# 3364

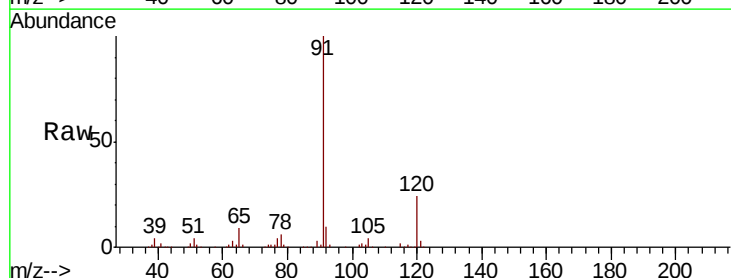
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion: 91 Resp: 284605

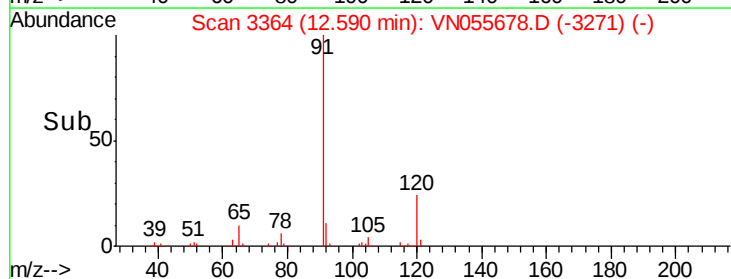
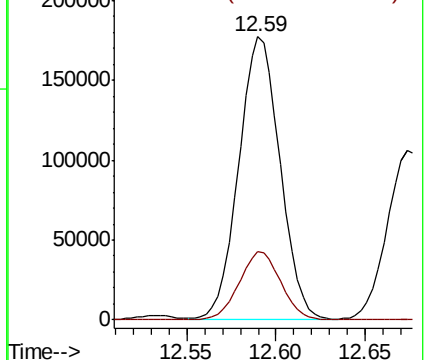
Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.5

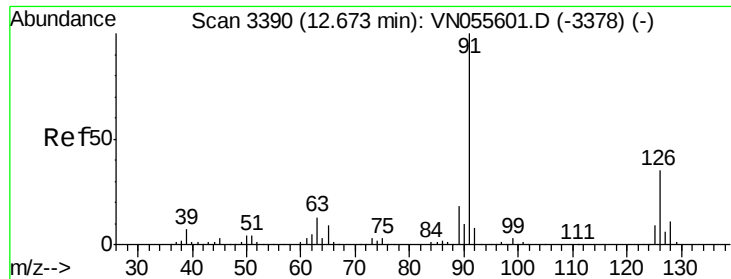


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.532 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055678.D

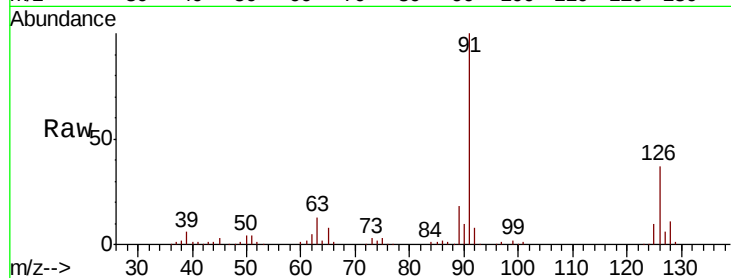
Acq: 20 May 2019 16:52

Tot Ion: 91 Resp: 179170

Ion Ratio Lower Upper

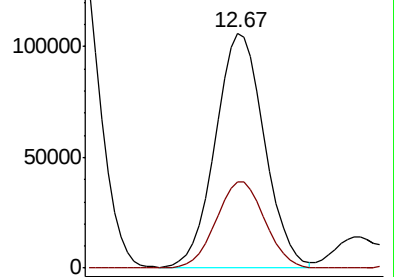
91 100

126 36.8 17.8 53.4

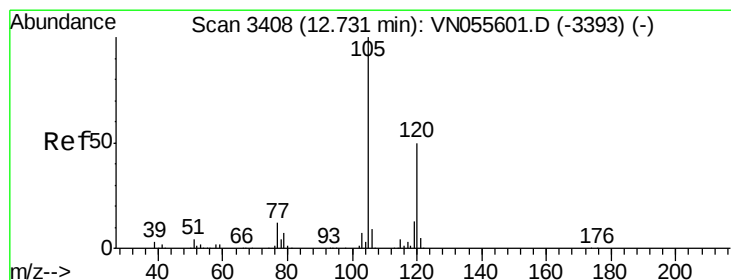
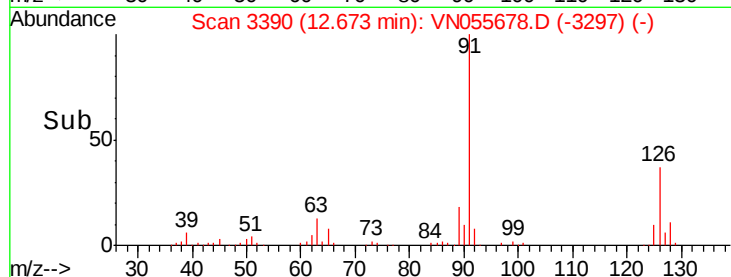


Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055601.D (-3378) (-)



Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 21.872 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055678.D

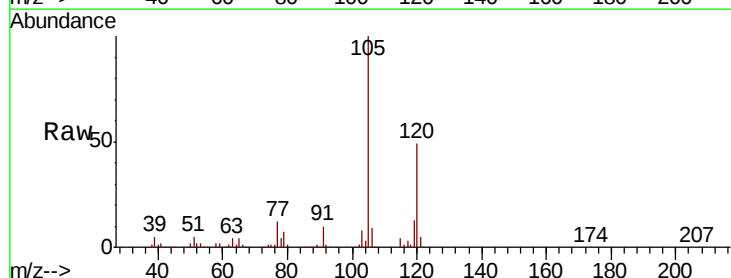
Acq: 20 May 2019 16:52

Tgt Ion: 105 Resp: 231331

Ion Ratio Lower Upper

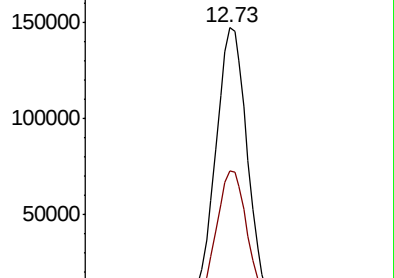
105 100

120 49.5 24.6 74.0

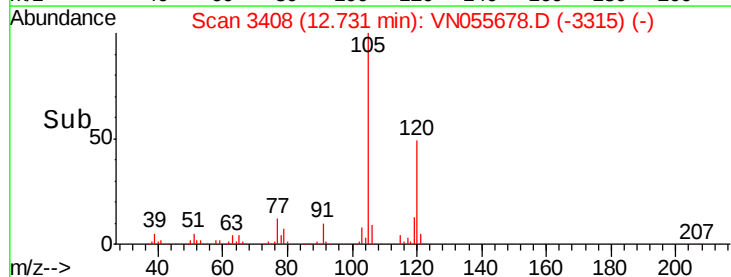


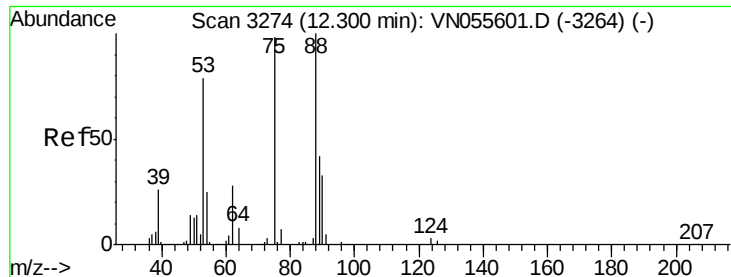
Abundance Ion 105.00 (104.70 to 105.70): VN055601.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN055601.D (-3393) (-)



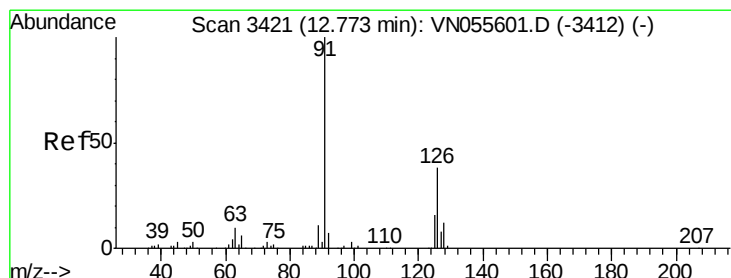
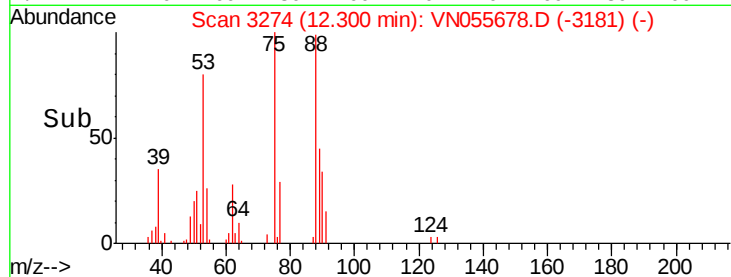
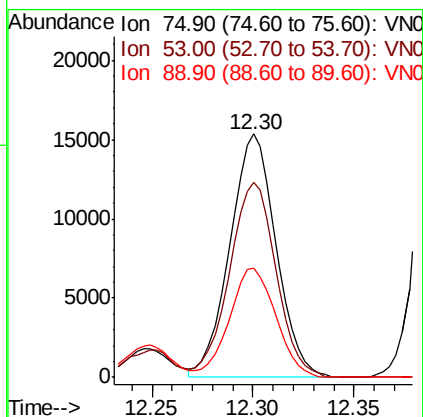
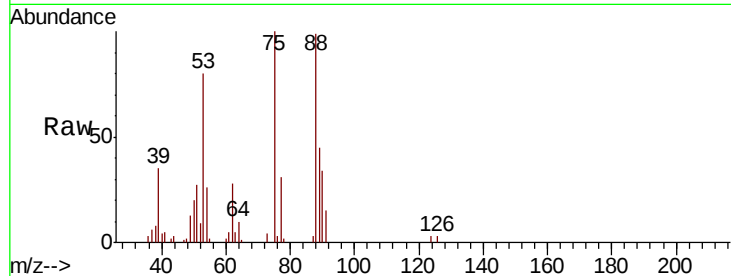
Time--> 12.65 12.70 12.75 12.80





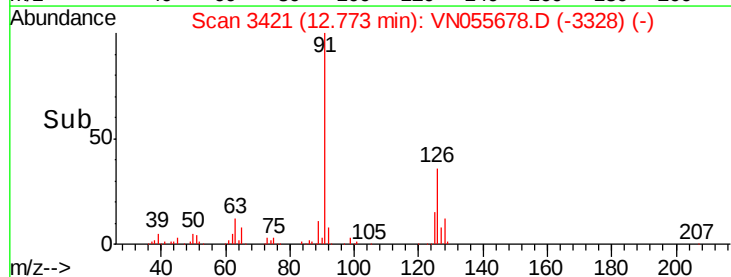
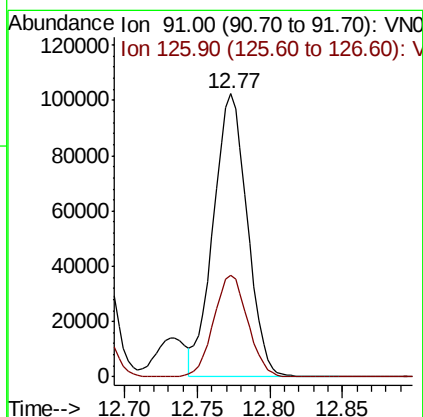
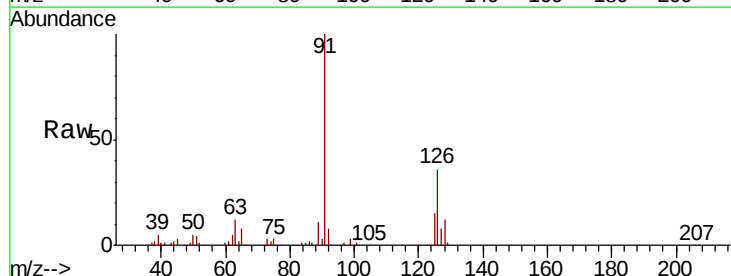
#81
trans-1,4-Dichloro-2-butene
Concen: 18.517 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

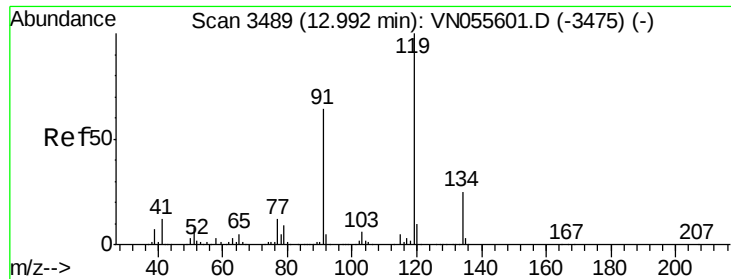
Tot Ion	Ratio	Lower	Upper
75	100		
53	80.9	65.1	97.7
89	45.0	36.4	54.6



#82
4-Chlorotoluene
Concen: 18.947 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

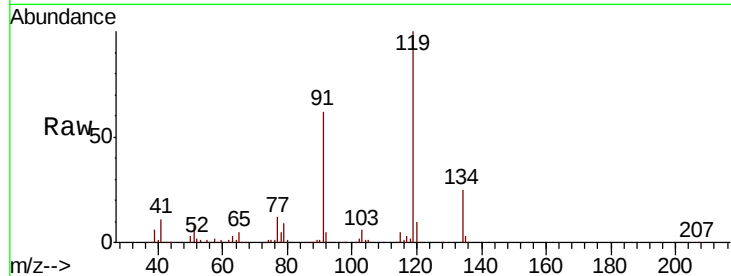
Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.5	52.6



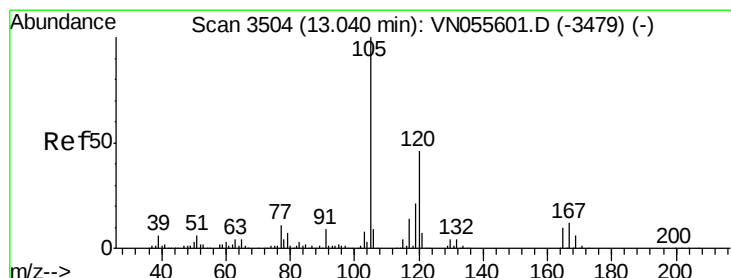
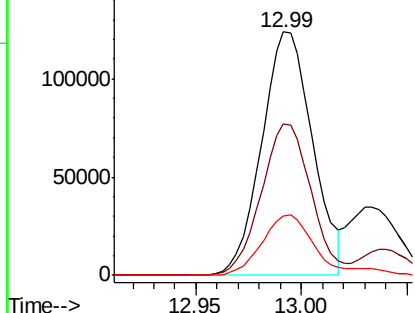
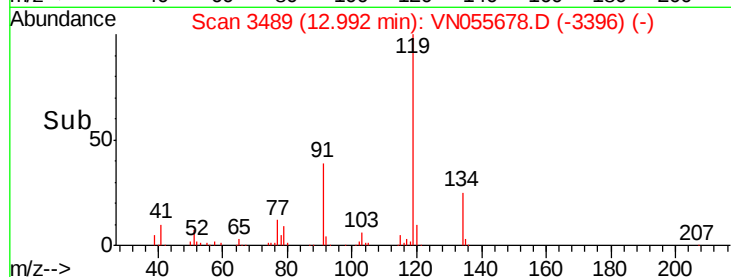


#83
tert-Butylbenzene
Concen: 22.861 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.3	93.8
134	24.8	13.2	39.6

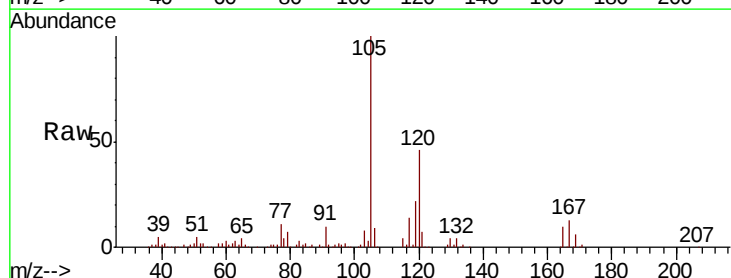


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

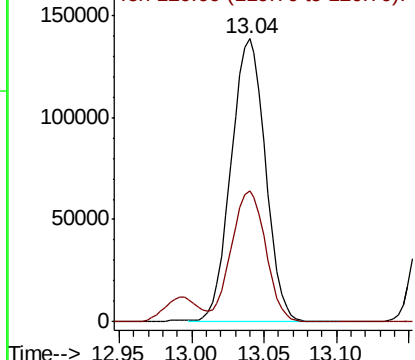
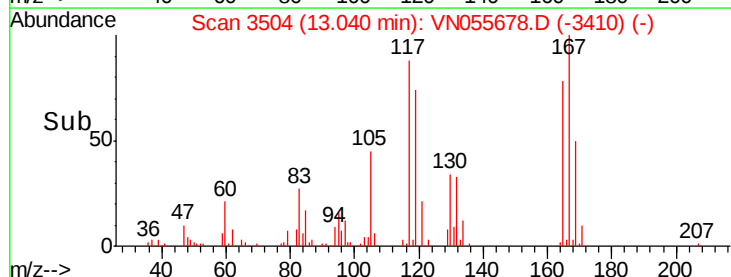


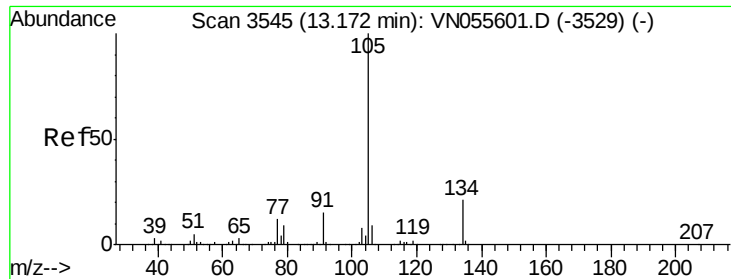
#84
1,2,4-Trimethylbenzene
Concen: 21.702 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.2



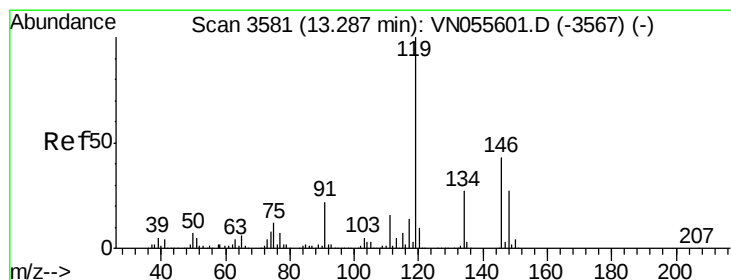
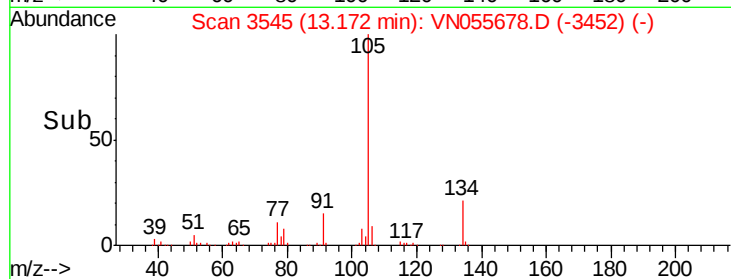
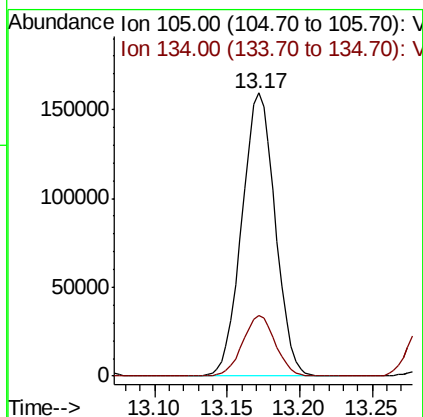
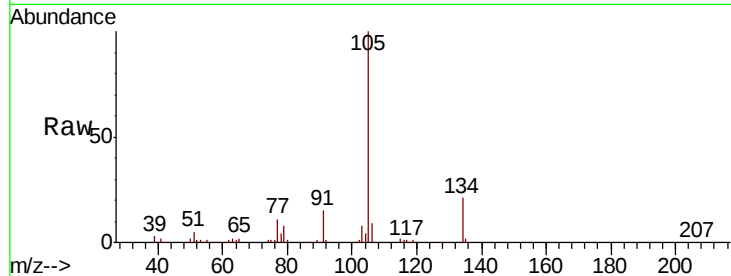
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





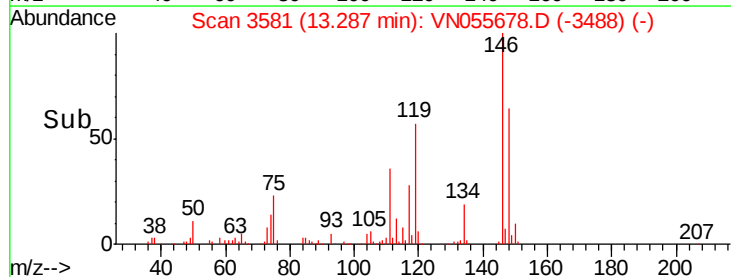
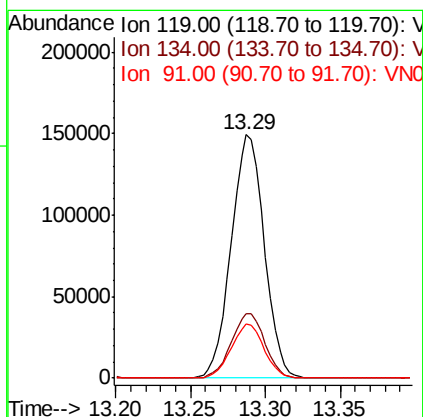
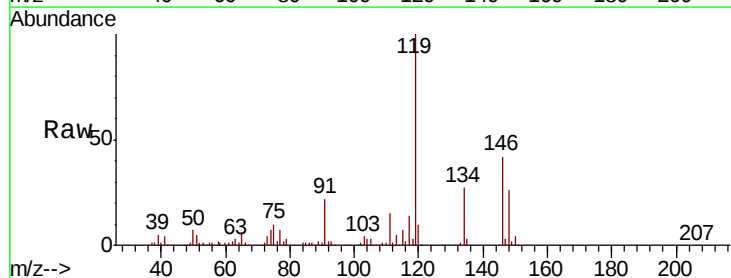
#85
 sec-Butylbenzene
 Concen: 21.473 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

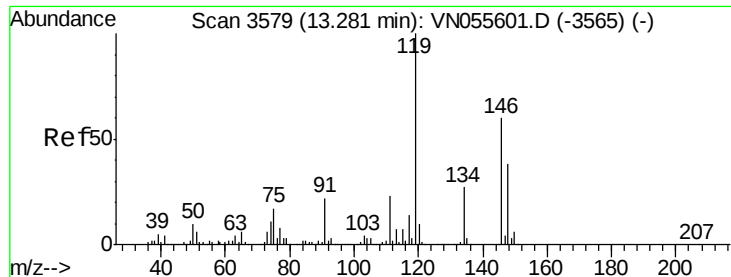
Tot Ion:105 Resp: 254316
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 21.006 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tgt Ion:119 Resp: 229756
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.763 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

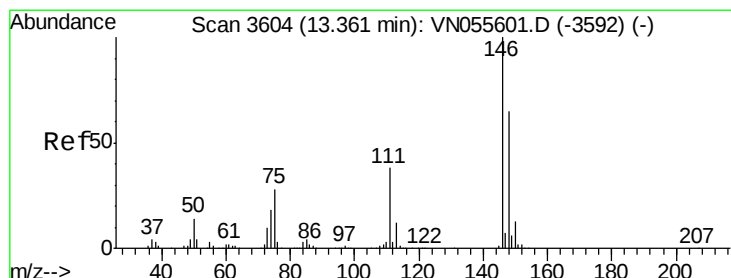
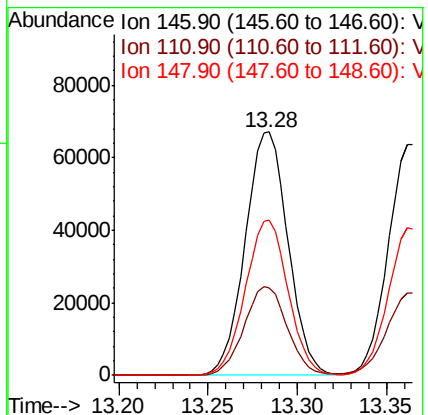
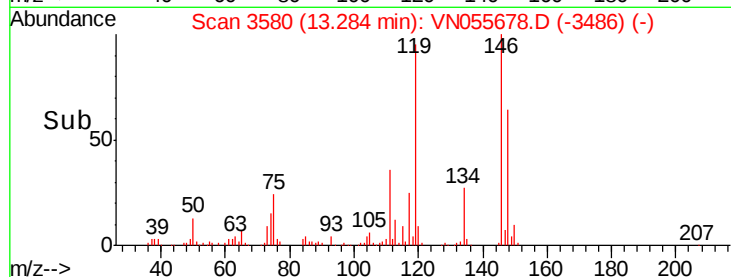
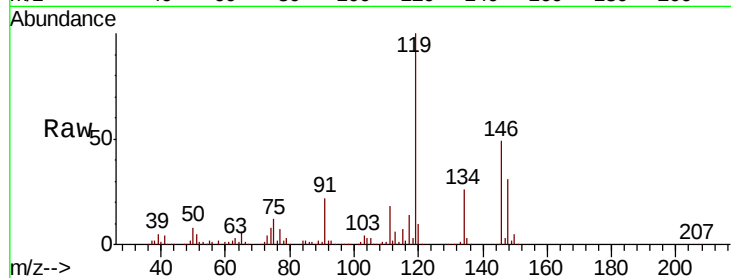
Tot Ion:146 Resp: 112497

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.9
148	63.6	31.9	95.9

146 100

111 36.7 18.9 56.9

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.534 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

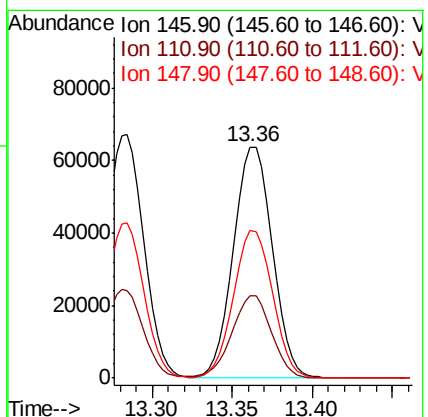
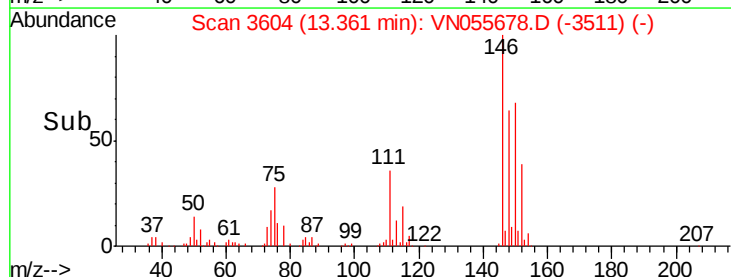
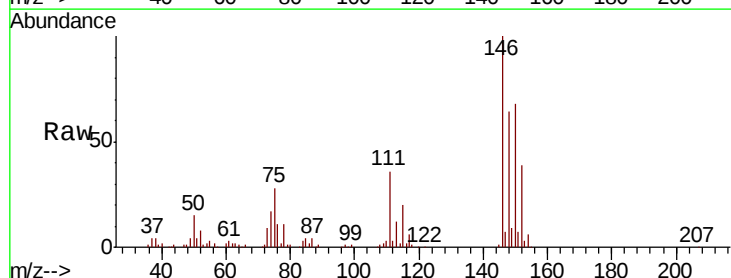
Tgt Ion:146 Resp: 106166

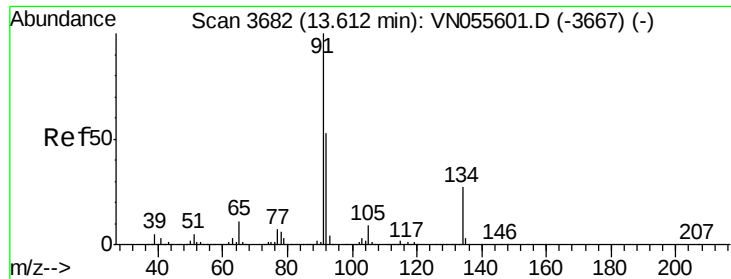
Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.8	56.4
148	64.0	32.4	97.0

146 100

111 36.4 18.8 56.4

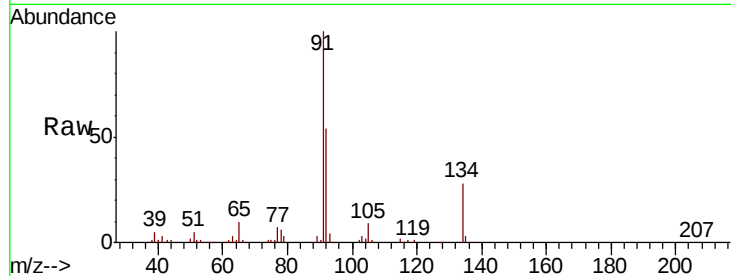
148 64.0 32.4 97.0



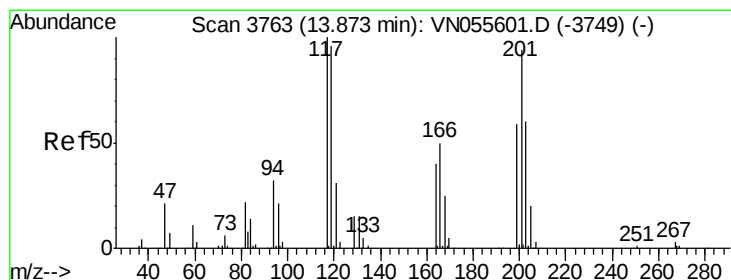
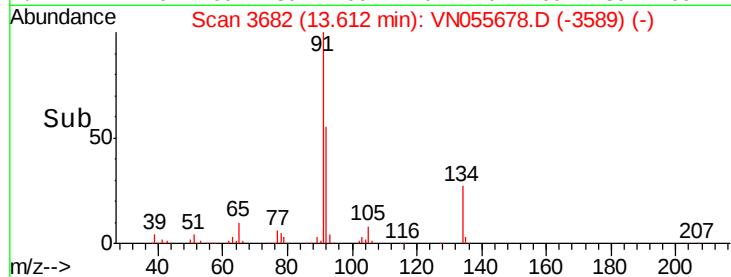
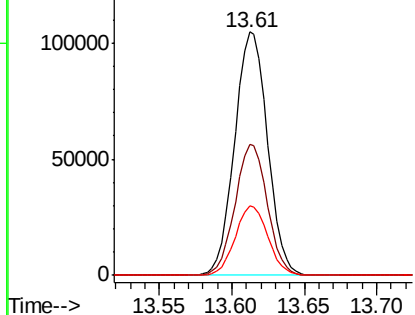


#89
n-Butylbenzene
Concen: 17.944 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tot Ion: 91 Resp: 165060
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 28.3 13.7 41.1

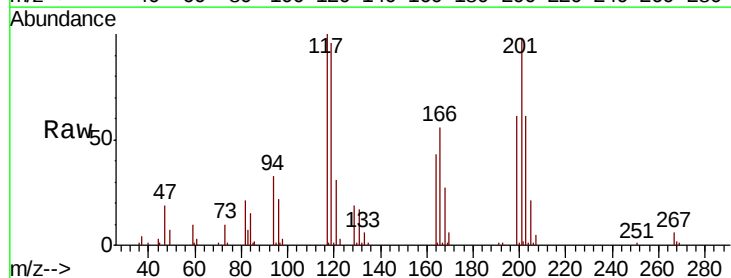


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

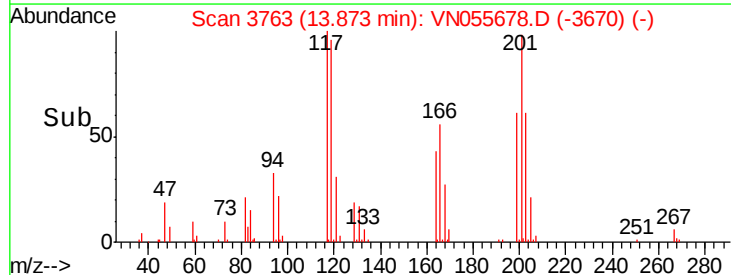
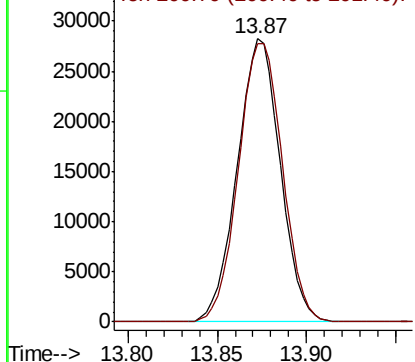


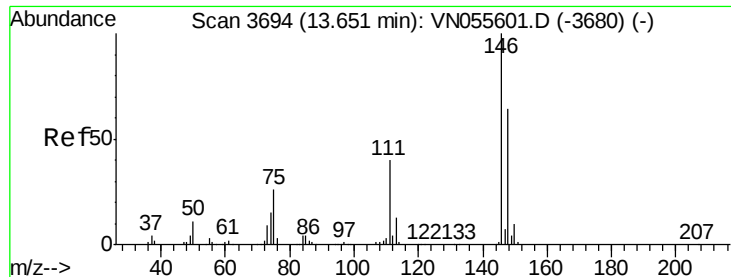
#90
Hexachloroethane
Concen: 22.694 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion: 117 Resp: 47593
Ion Ratio Lower Upper
117 100
201 100.6 47.1 141.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.072 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

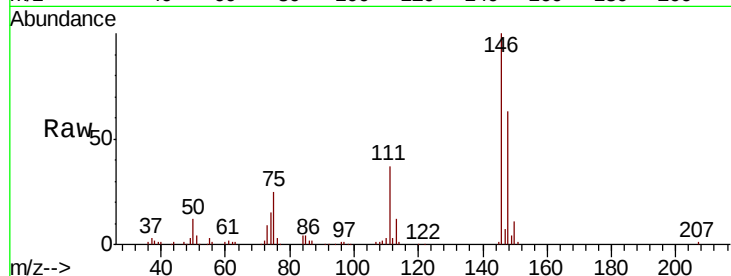
Tot Ion:146 Resp: 113892

Ion Ratio Lower Upper

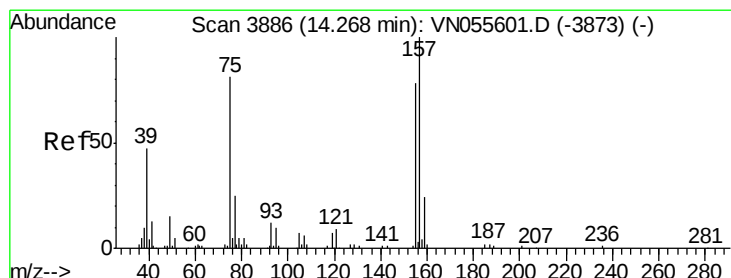
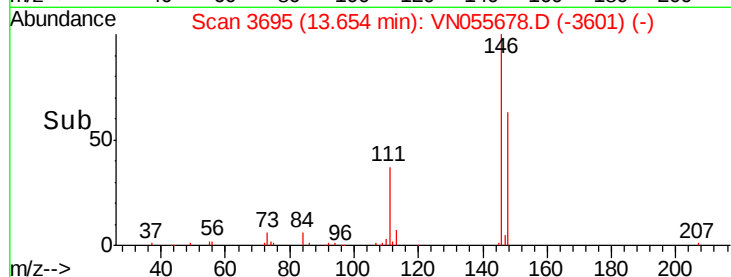
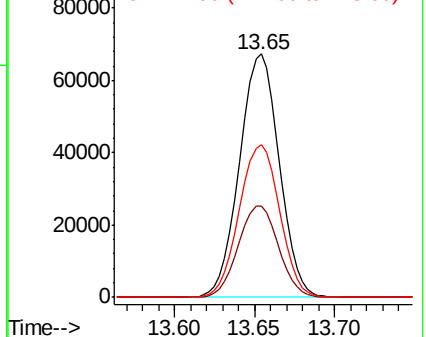
146 100

111 38.1 19.7 59.0

148 64.1 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.301 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

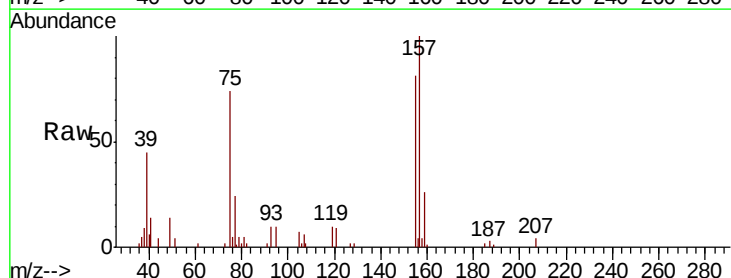
Tgt Ion: 75 Resp: 15444

Ion Ratio Lower Upper

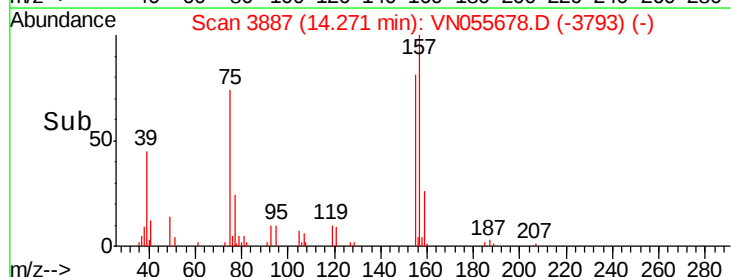
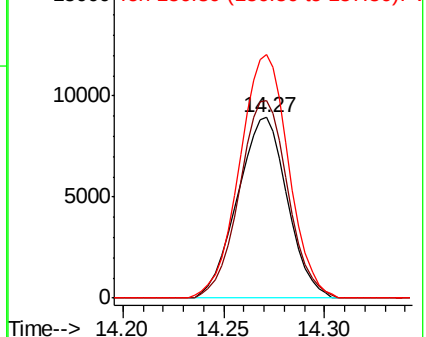
75 100

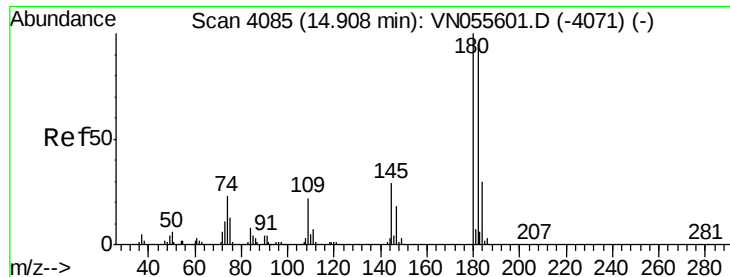
155 106.2 48.4 145.0

157 132.9 62.3 186.8



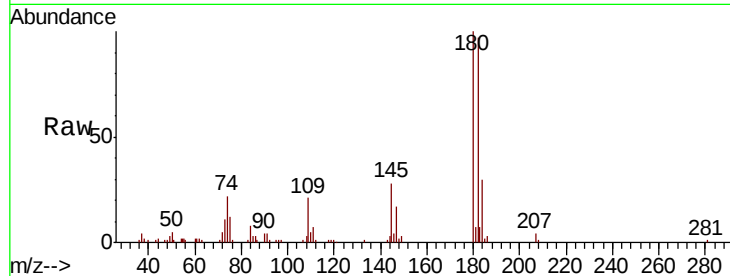
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



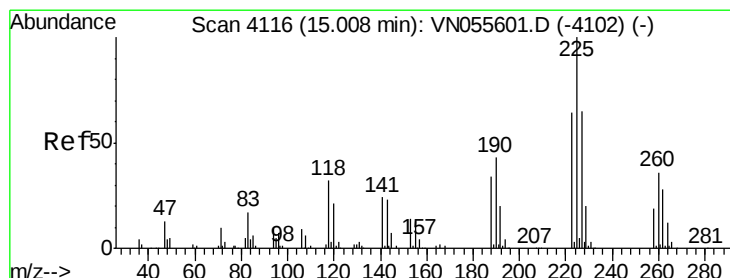
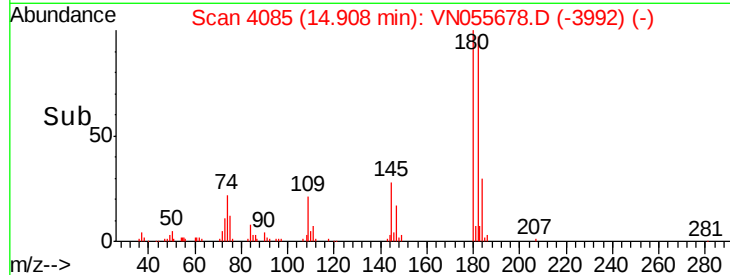
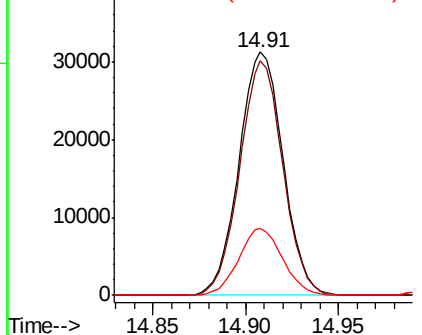


#93
 1,2,4-Trichlorobenzene
 Concen: 17.886 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tot Ion:180	Resp:	51661
Ion Ratio	Lower	Upper
180	100	
182	94.3	47.9 143.6
145	27.5	14.3 42.9

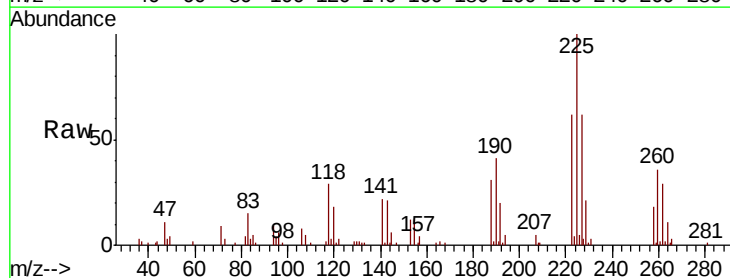


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

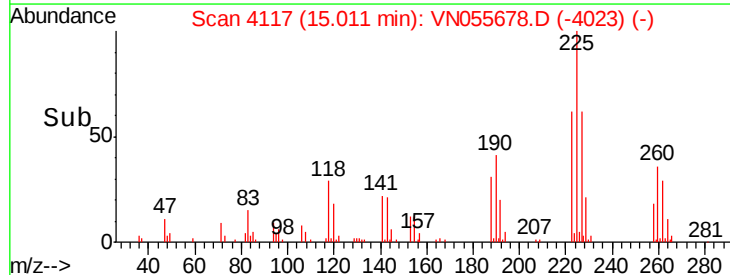
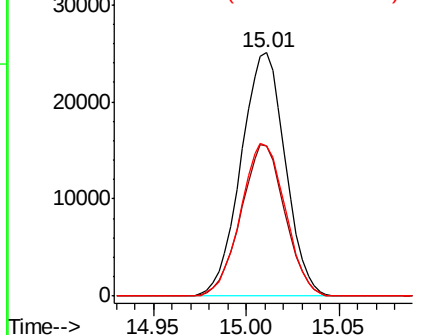


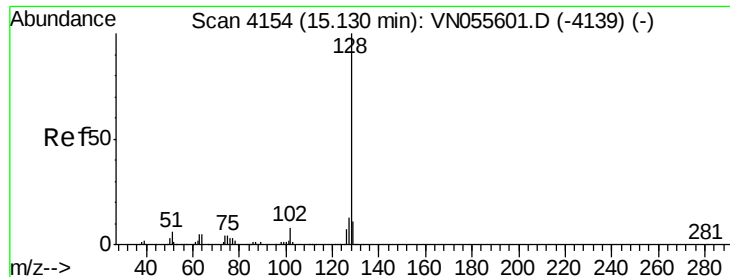
#94
 Hexachlorobutadiene
 Concen: 22.193 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055678.D
 Acq: 20 May 2019 16:52

Tgt Ion:225	Resp:	41514
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.6 94.7
227	63.3	32.4 97.0



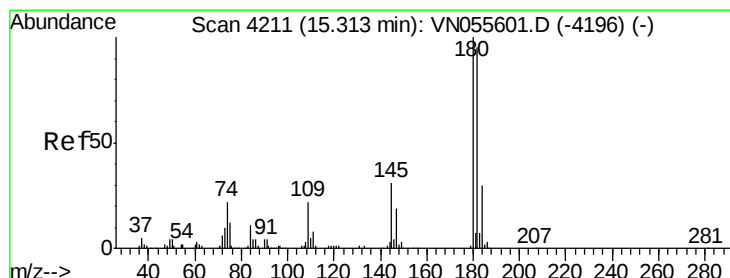
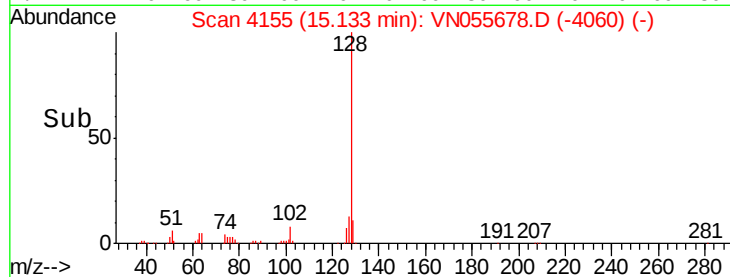
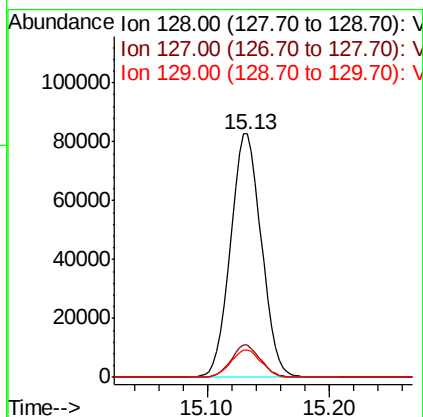
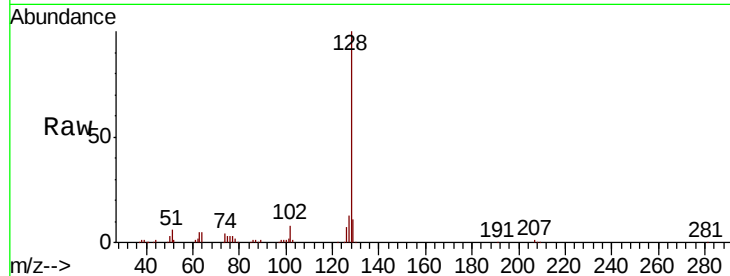
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 17.901 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tot Ion:128 Resp: 145805
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.336 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055678.D
Acq: 20 May 2019 16:52

Tgt Ion:180 Resp: 55375
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.6
145 30.0 15.4 46.1

