

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055660.D
 Acq On : 20 May 2019 9:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 10:55:33 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	7.66	168	358235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	451994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	177611	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
35) Dibromofluoromethane	7.59	113	164340	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.09	98	610741	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	217000	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	123657	44.864	ug/l	99
3) Chloromethane	2.06	50	158901	43.222	ug/l	99
4) Vinyl Chloride	2.18	62	174655	43.872	ug/l	99
5) Bromomethane	2.56	94	116393	45.877	ug/l	99
6) Chloroethane	2.70	64	100763	45.586	ug/l	100
7) Trichlorofluoromethane	3.02	101	237106	46.478	ug/l	98
8) Diethyl Ether	3.41	74	94774	46.245	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	148928	47.885	ug/l	99
10) Methyl Iodide	3.96	142	192288	42.886	ug/l	99
11) Tert butyl alcohol	4.76	59	166233	226.997	ug/l	99
12) 1,1-Dichloroethene	3.74	96	145352	44.428	ug/l	97
13) Acrolein	3.60	56	76357	204.660	ug/l	99
14) Allyl chloride	4.32	41	239129	45.276	ug/l	98
15) Acrylonitrile	4.98	53	374873	230.086	ug/l	99
16) Acetone	3.81	43	446338	278.513	ug/l	99
17) Carbon Disulfide	4.06	76	400774	44.066	ug/l	99
18) Methyl Acetate	4.32	43	154377	44.933	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	485778	44.883	ug/l	97
20) Methylene Chloride	4.55	84	163700	44.760	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	157887	45.303	ug/l	98
22) Diisopropyl ether	5.95	45	459811	43.935	ug/l	99
23) Vinyl Acetate	5.89	43	1999356	225.143	ug/l	99
24) 1,1-Dichloroethane	5.85	63	275684	44.925	ug/l	100
25) 2-Butanone	6.83	43	537708	239.968	ug/l	98
26) 2,2-Dichloropropane	6.82	77	249636	45.836	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	182767	45.035	ug/l	98
28) Bromochloromethane	7.19	49	117860	44.147	ug/l	96
29) Tetrahydrofuran	7.21	42	320724	216.046	ug/l	98
30) Chloroform	7.37	83	278839	44.267	ug/l	100
31) Cyclohexane	7.65	56	253594	43.543	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	250839	44.397	ug/l	99
36) 1,1-Dichloropropene	7.79	75	216671	47.237	ug/l	99
37) Ethyl Acetate	6.92	43	200047	48.331	ug/l	99
38) Carbon Tetrachloride	7.77	117	229516	46.826	ug/l	98

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Quant Time: May 20 10:55:33 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)
39) Methylcyclohexane	9.08	83	269298	48.703	ug/l	97
40) Benzene	8.04	78	645183	47.822	ug/l	100
41) Methacrylonitrile	7.18	41	105870m	59.827	ug/l	
42) 1,2-Dichloroethane	8.12	62	206290	47.219	ug/l	100
43) Isopropyl Acetate	8.16	43	350405	48.668	ug/l	100
44) Trichloroethene	8.83	130	189636	49.814	ug/l	99
45) 1,2-Dichloropropane	9.12	63	168051	47.283	ug/l	98
46) Dibromomethane	9.21	93	111683	48.011	ug/l	97
47) Bromodichloromethane	9.40	83	228115	46.789	ug/l	100
48) Methyl methacrylate	9.20	41	151496	47.076	ug/l	97
49) 1,4-Dioxane	9.20	88	70104	1096.295	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	973599	230.529	ug/l	99
52) Toluene	10.16	92	411581	48.639	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	260770	49.696	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	281237	48.924	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	164714	47.282	ug/l	100
56) Ethyl methacrylate	10.43	69	253963	46.700	ug/l	97
57) 1,3-Dichloropropane	10.71	76	266566	48.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	538298	232.963	ug/l	99
59) 2-Hexanone	10.75	43	730538	245.687	ug/l	98
60) Dibromochloromethane	10.90	129	199431	50.511	ug/l	99
61) 1,2-Dibromoethane	11.00	107	171851	49.303	ug/l	99
64) Tetrachloroethene	10.63	164	179302	50.295	ug/l	98
65) Chlorobenzene	11.43	112	448025	49.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	177914	48.375	ug/l	99
67) Ethyl Benzene	11.51	91	779579	47.868	ug/l	99
68) m/p-Xylenes	11.62	106	601209	97.755	ug/l	98
69) o-Xylene	11.95	106	288925	48.031	ug/l	98
70) Styrene	11.96	104	497378	49.729	ug/l	99
71) Bromoform	12.13	173	161193	51.718	ug/l	100
73) Isopropylbenzene	12.25	105	773432	50.684	ug/l	99
74) N-amyl acetate	12.07	43	274023	44.848	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	228739	47.771	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	190722m	42.954	ug/l	
77) Bromobenzene	12.53	156	207023	46.326	ug/l	95
78) n-propylbenzene	12.59	91	859695	44.490	ug/l	99
79) 2-Chlorotoluene	12.67	91	509683	49.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	650086	49.829	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	79013	45.744	ug/l	97
82) 4-Chlorotoluene	12.77	91	512653	45.028	ug/l	99
83) tert-Butylbenzene	12.99	119	567490	51.317	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	648464	49.779	ug/l	100
85) sec-Butylbenzene	13.17	105	738564	50.804	ug/l	100
86) p-Isopropyltoluene	13.29	119	680259	50.233	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	354029	47.914	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	344989	48.900	ug/l	99
89) n-Butylbenzene	13.61	91	563288	47.175	ug/l	100
90) Hexachloroethane	13.87	117	132128	51.106	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	346534	47.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44514	45.077	ug/l	93

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

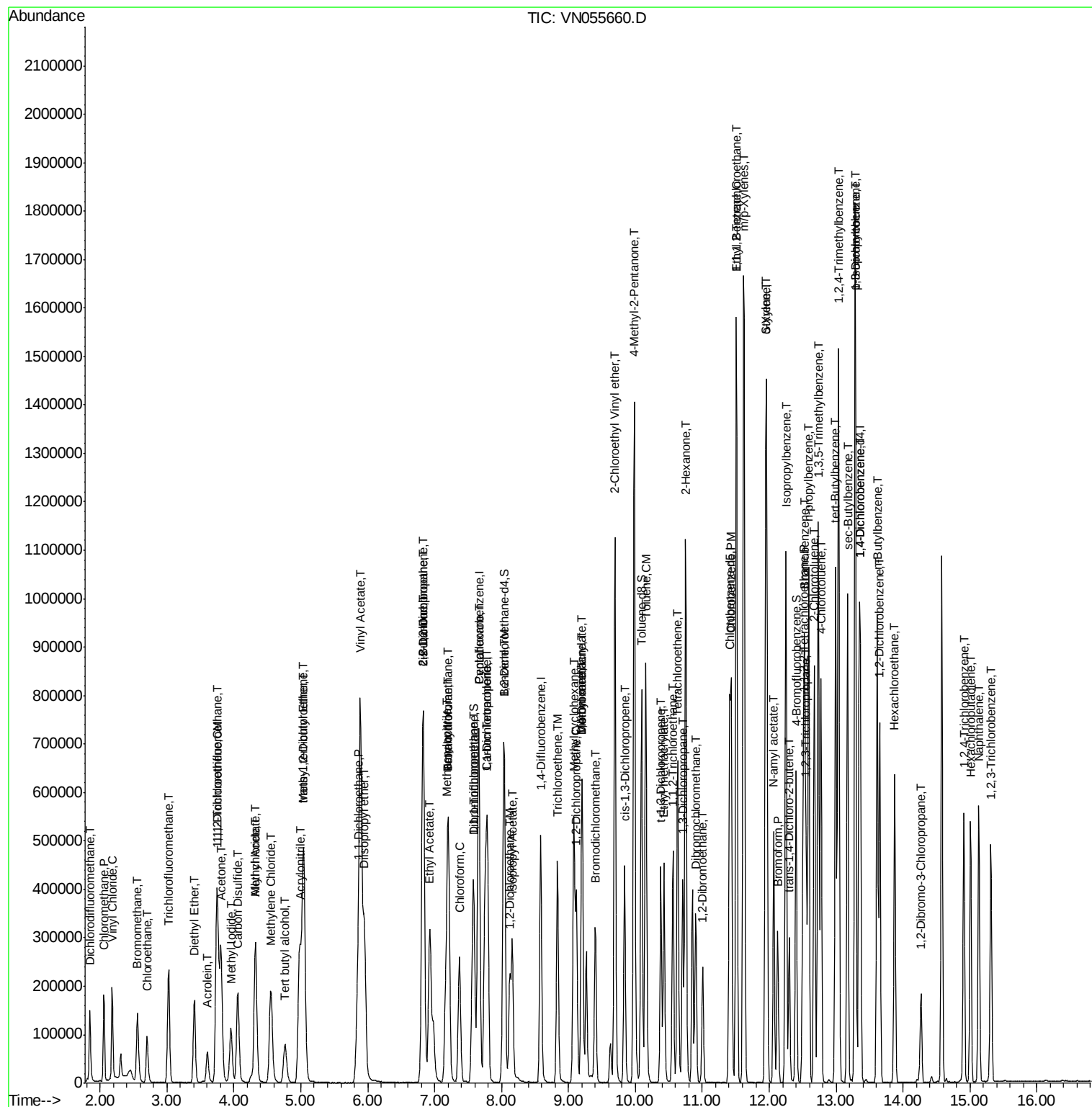
Quant Time: May 20 10:55:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

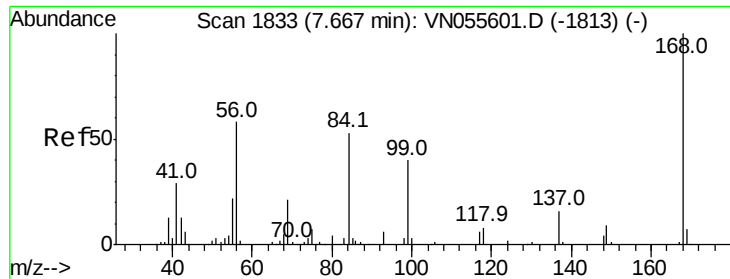
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	200615	53.508	ug/l	100
94) Hexachlorobutadiene	15.01	225	121475	53.910	ug/l	98
95) Naphthalene	15.13	128	512603	45.468	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	194772	49.685	ug/l	99

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

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Quant Time: May 20 10:55:33 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055660.D

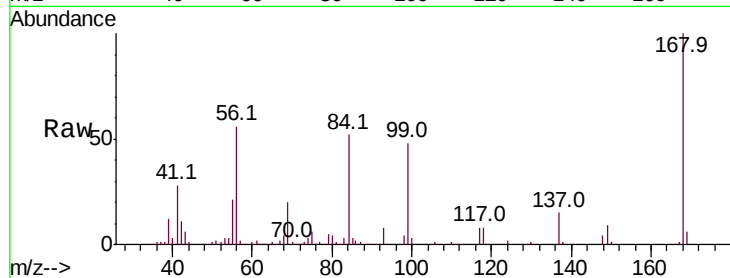
Acq: 20 May 2019 9:02

Tot Ion:168 Resp: 358235

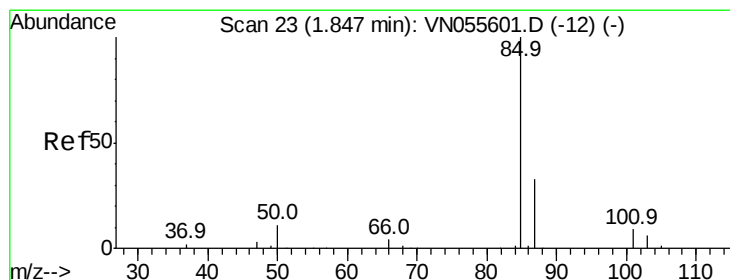
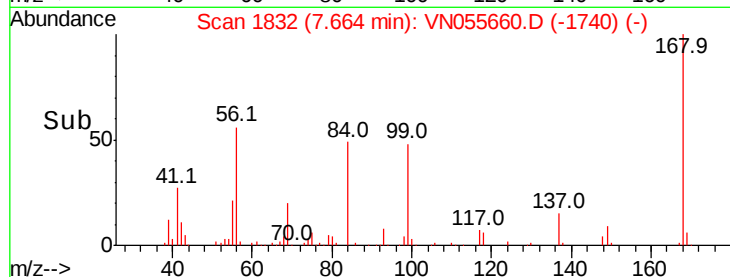
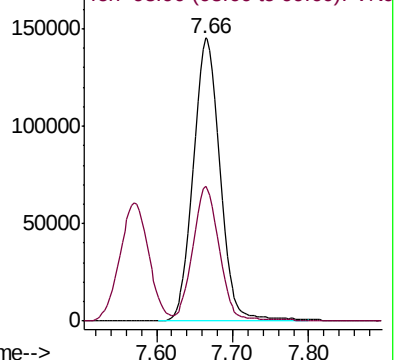
Ion Ratio Lower Upper

168 100

99 47.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055660.D (-1740) (-)



#2

Dichlorodifluoromethane

Concen: 44.864 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055660.D

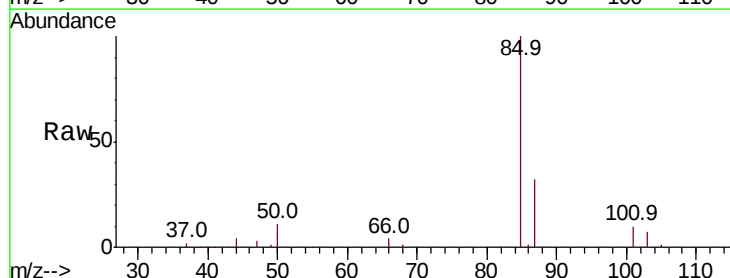
Acq: 20 May 2019 9:02

Tgt Ion: 85 Resp: 123657

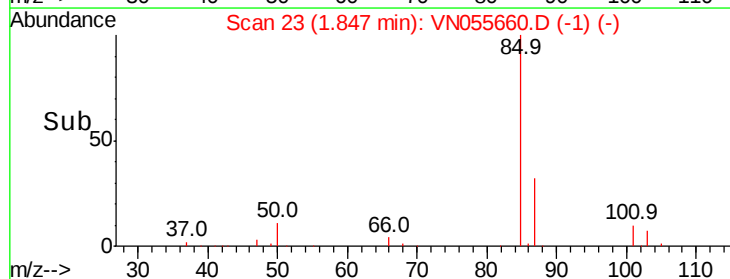
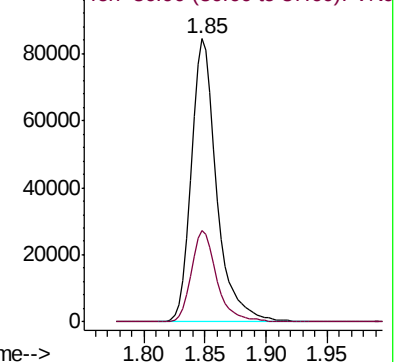
Ion Ratio Lower Upper

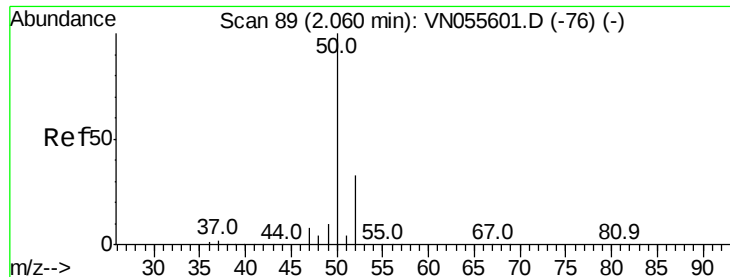
85 100

87 32.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN055660.D (-1) (-)





#3

Chloromethane

Concen: 43.222 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055660.D

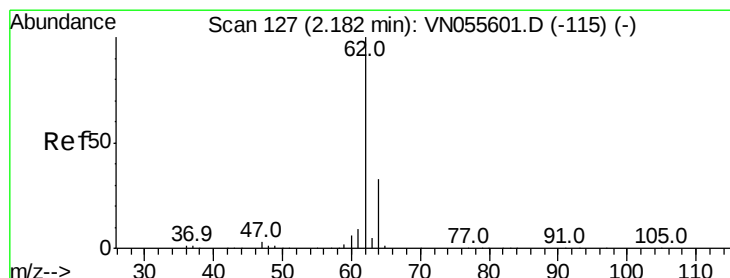
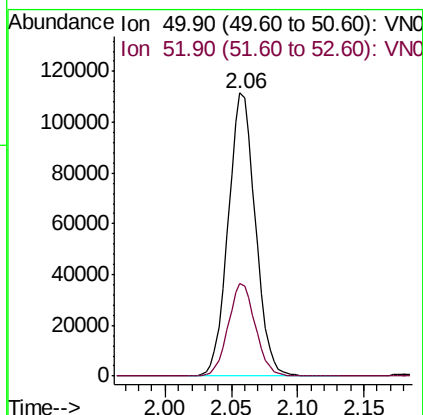
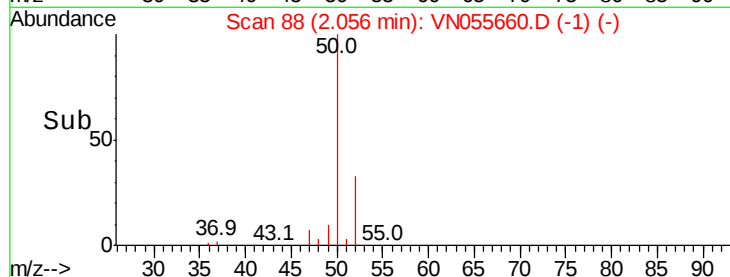
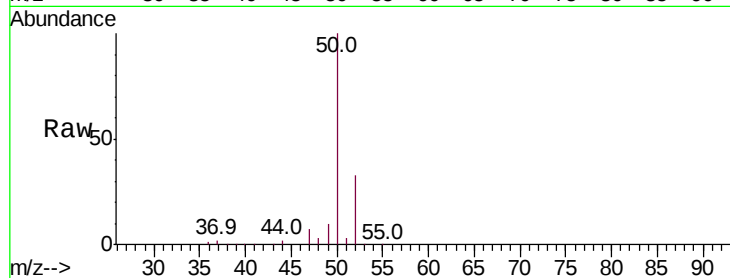
Acq: 20 May 2019 9:02

Tot Ion: 50 Resp: 158901

Ion Ratio Lower Upper

50 100

52 32.7 26.7 40.1



#4

Vinyl Chloride

Concen: 43.872 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN055660.D

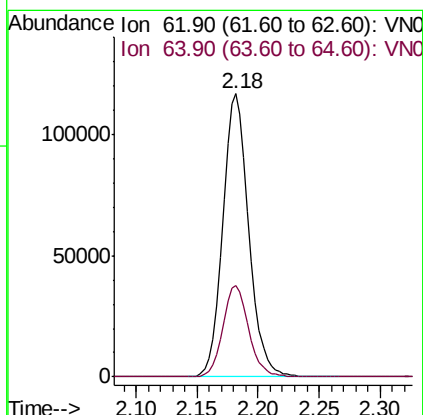
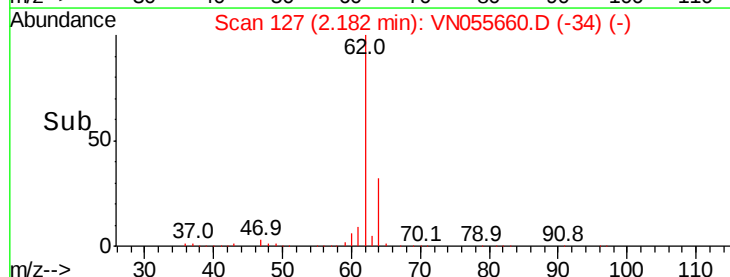
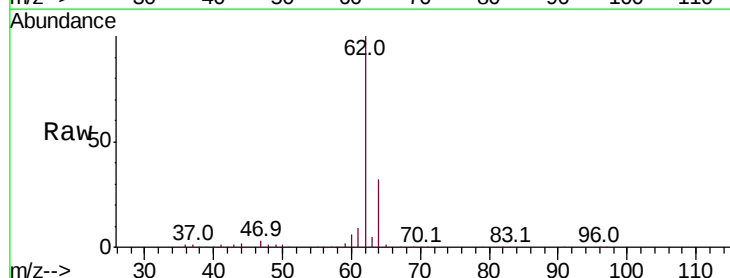
Acq: 20 May 2019 9:02

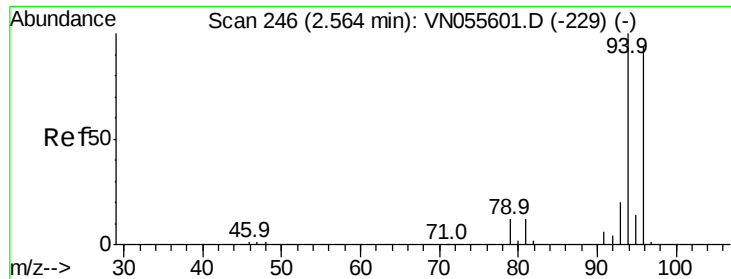
Tgt Ion: 62 Resp: 174655

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.4





#5

Bromomethane

Concen: 45.877 ug/l

RT: 2.56 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN055660.D

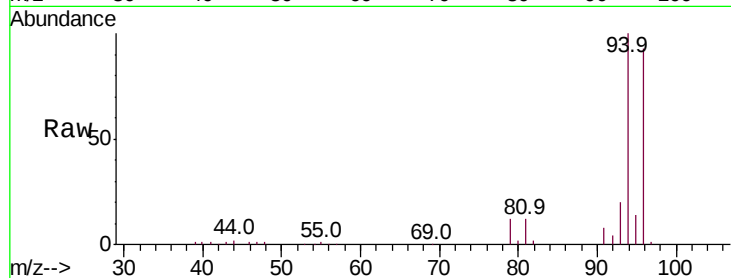
Acq: 20 May 2019 9:02

Tot Ion: 94 Resp: 116393

Ion Ratio Lower Upper

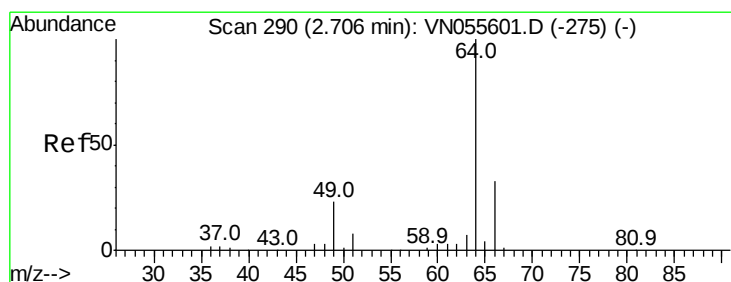
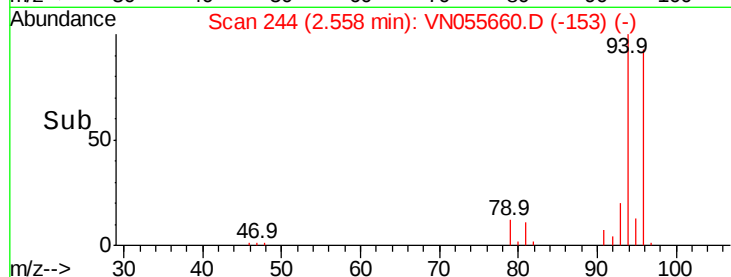
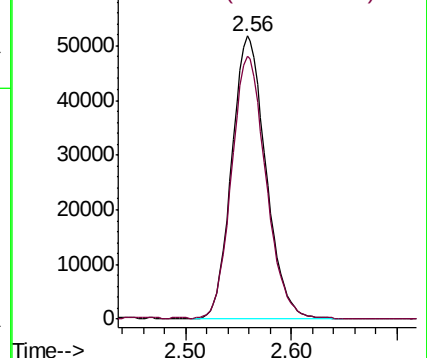
94 100

96 92.7 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: 45.586 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN055660.D

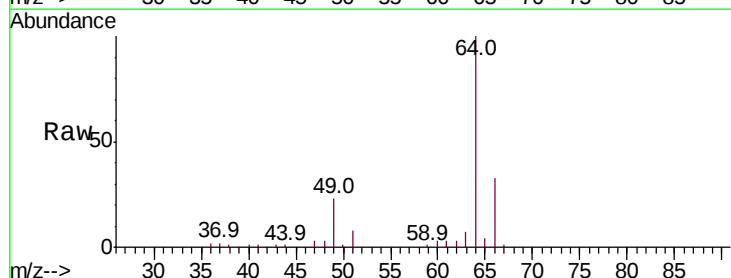
Acq: 20 May 2019 9:02

Tgt Ion: 64 Resp: 100763

Ion Ratio Lower Upper

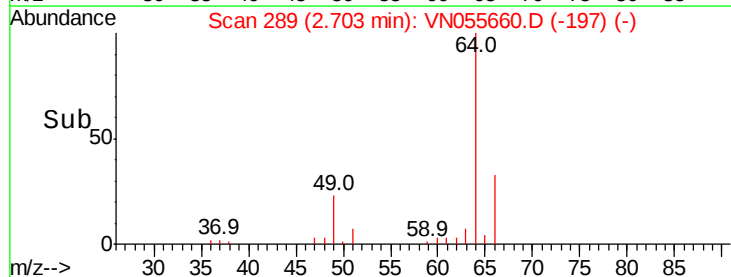
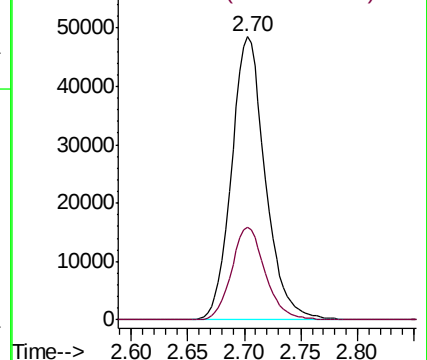
64 100

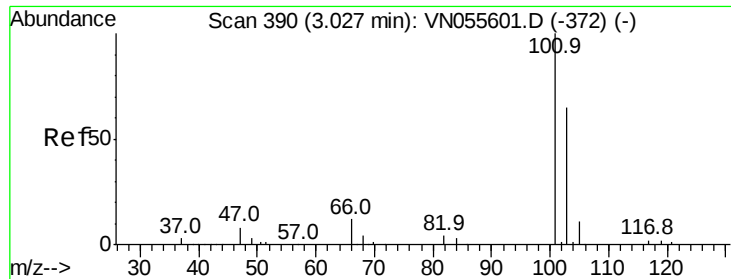
66 32.5 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 46.478 ug/l

RT: 3.02 min Scan# 389

Delta R.T. -0.00 min

Lab File: VN055660.D

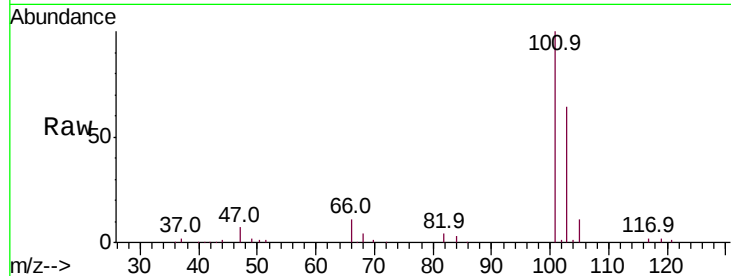
Acq: 20 May 2019 9:02

Tot Ion:101 Resp: 237106

Ion Ratio Lower Upper

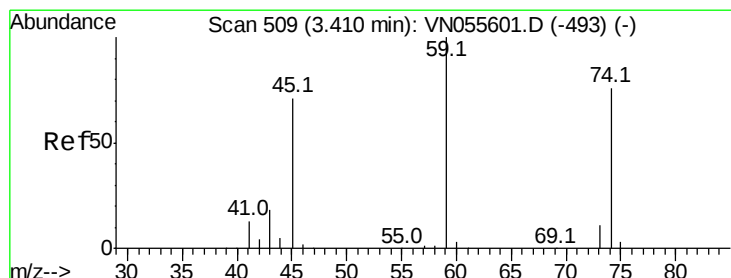
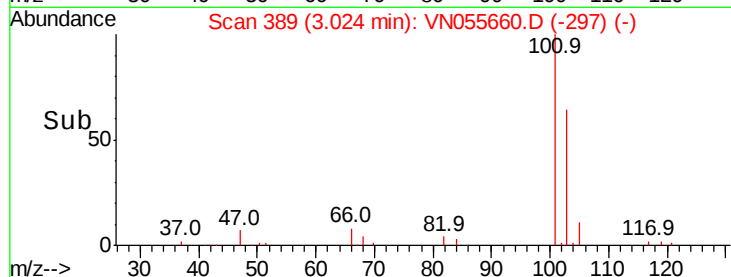
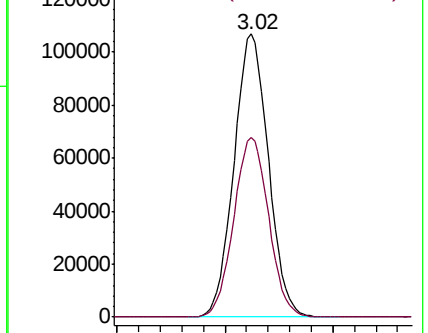
101 100

103 63.6 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: 46.245 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN055660.D

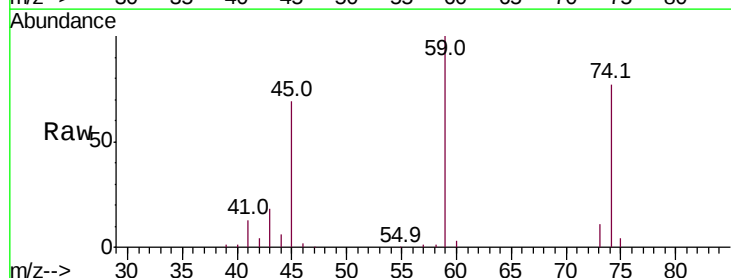
Acq: 20 May 2019 9:02

Tgt Ion: 74 Resp: 94774

Ion Ratio Lower Upper

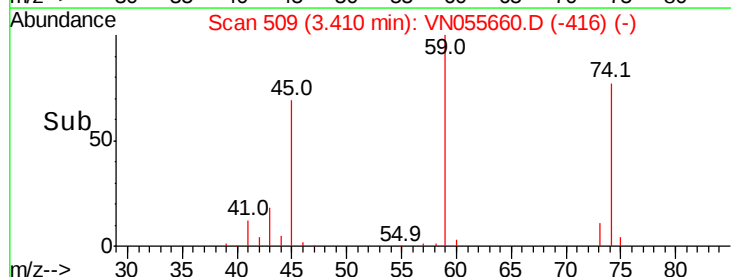
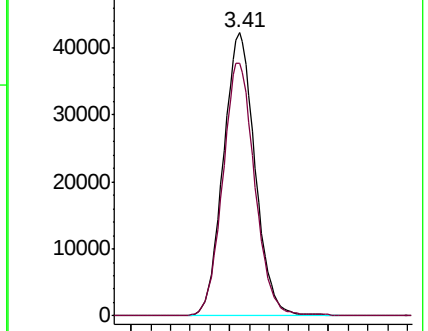
74 100

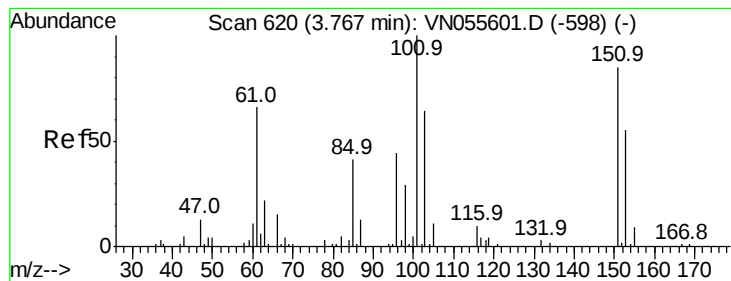
45 90.3 46.4 139.2



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: 47.885 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

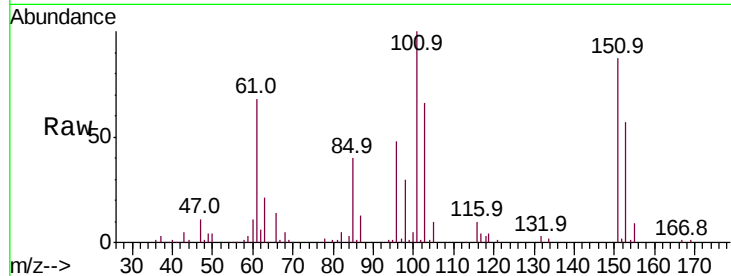
Tot Ion:101 Resp: 148928

Ion Ratio Lower Upper

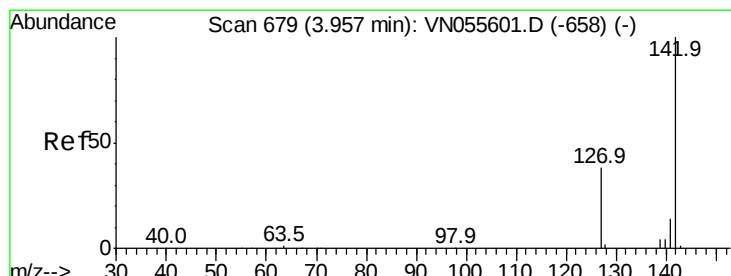
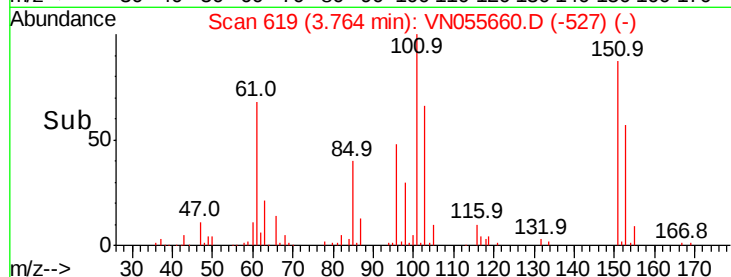
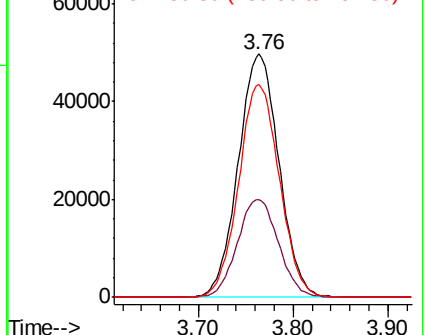
101 100

85 40.6 33.4 50.0

151 87.3 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: 42.886 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

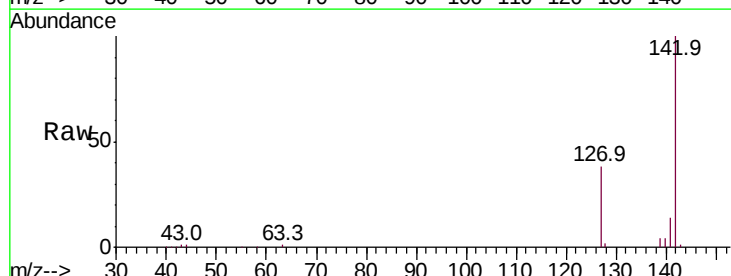
Tgt Ion:142 Resp: 192288

Ion Ratio Lower Upper

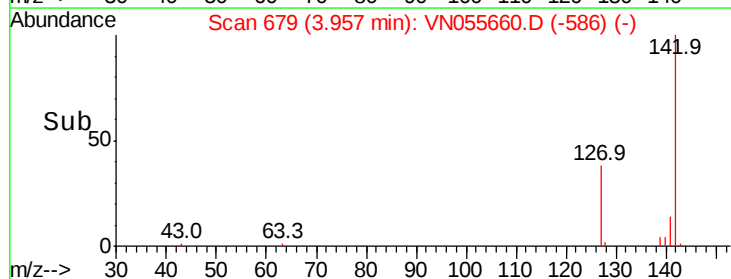
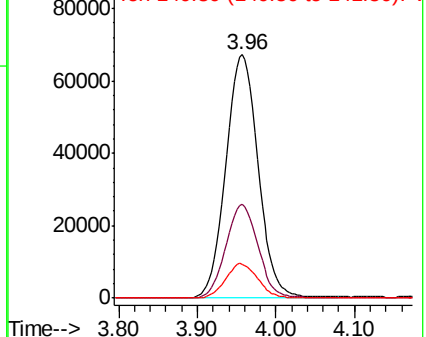
142 100

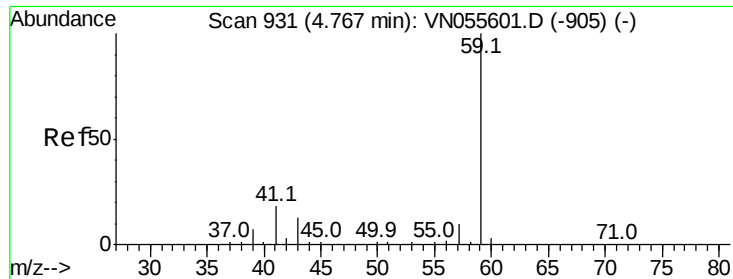
127 38.3 31.0 46.4

141 14.0 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

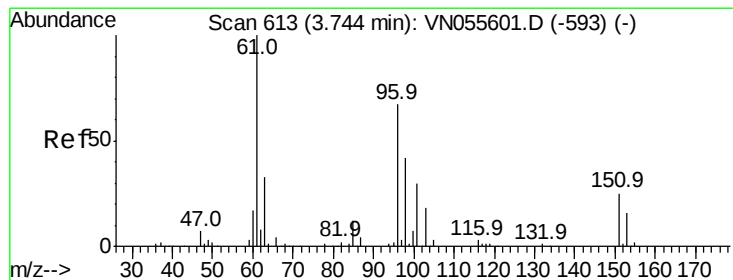
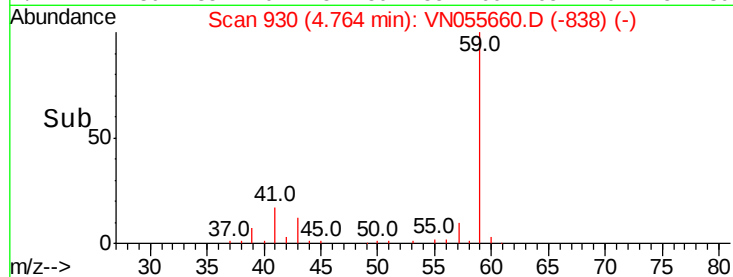
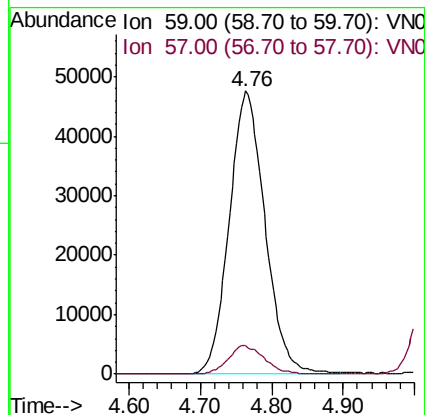
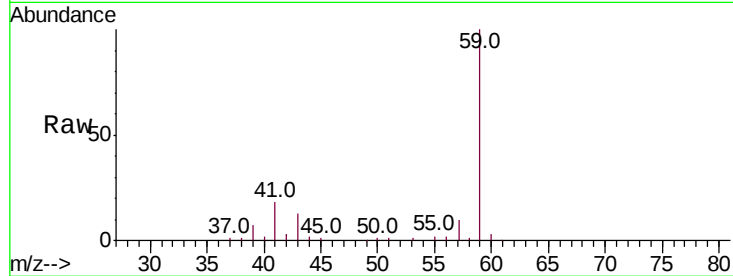




#11

Tert butyl alcohol
 Concen: 226.997 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

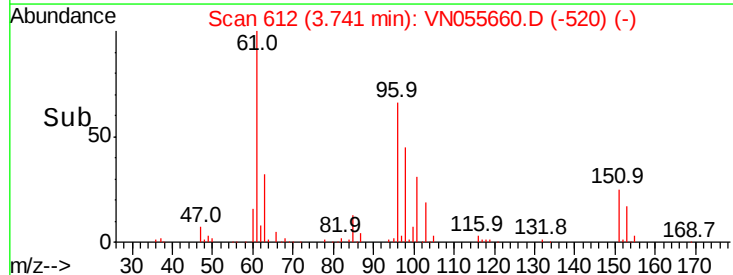
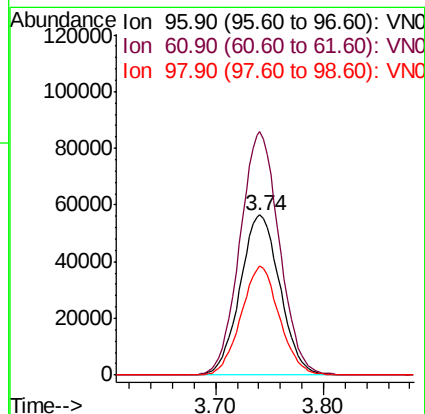
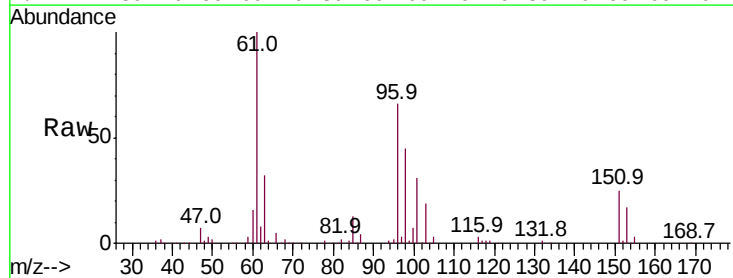
Tot Ion: 59 Resp: 166233
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

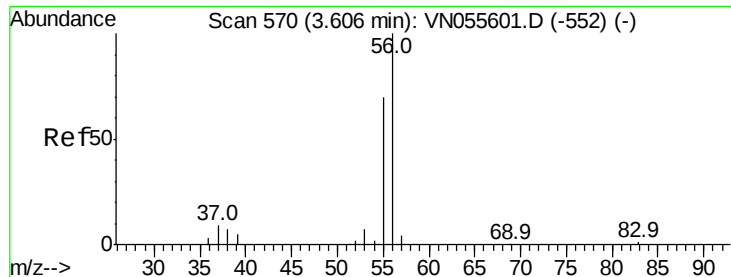


#12

1,1-Dichloroethene
 Concen: 44.428 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tgt Ion: 96 Resp: 145352
 Ion Ratio Lower Upper
 96 100
 61 151.9 120.2 180.2
 98 67.9 50.6 75.8





#13

Acrolein

Concen: 204.660 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN055660.D

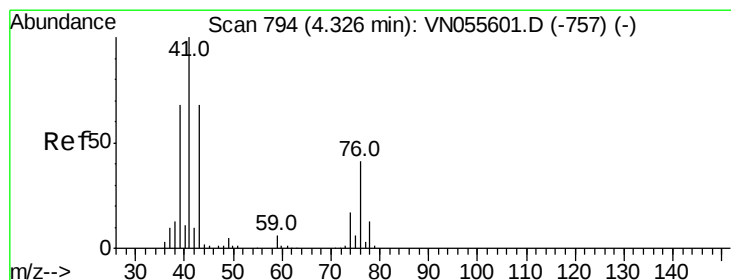
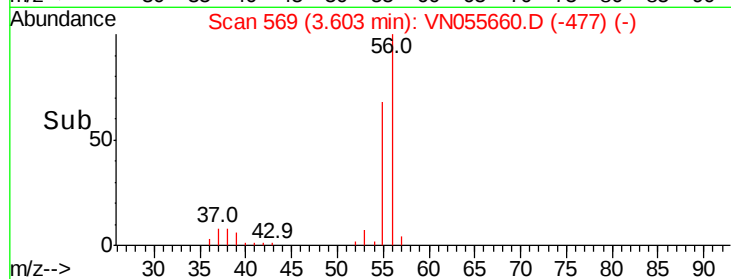
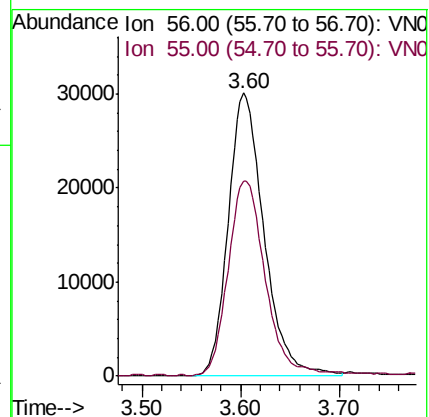
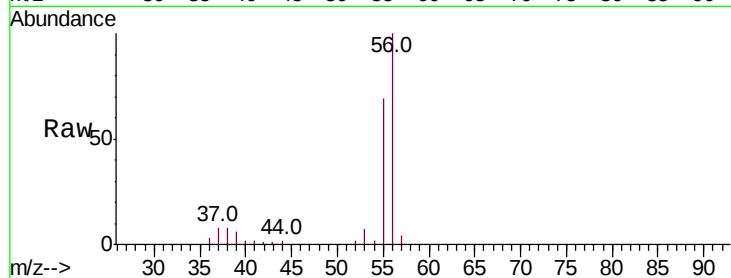
Acq: 20 May 2019 9:02

Tot Ion: 56 Resp: 76357

Ion Ratio Lower Upper

56 100

55 71.2 56.5 84.7



#14

Allyl chloride

Concen: 45.276 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

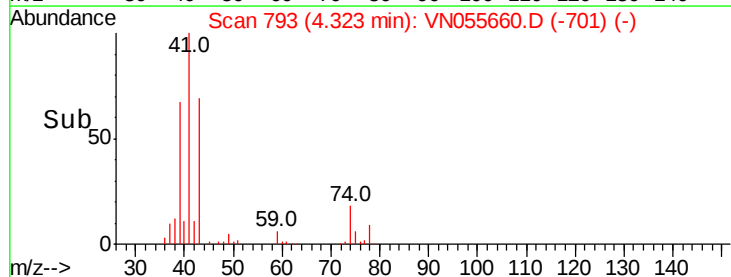
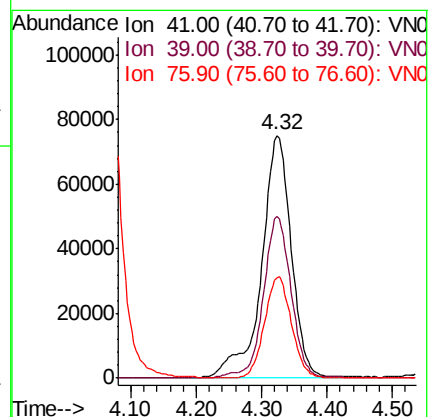
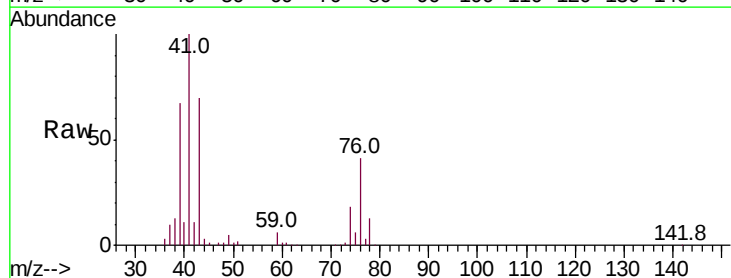
Tgt Ion: 41 Resp: 239129

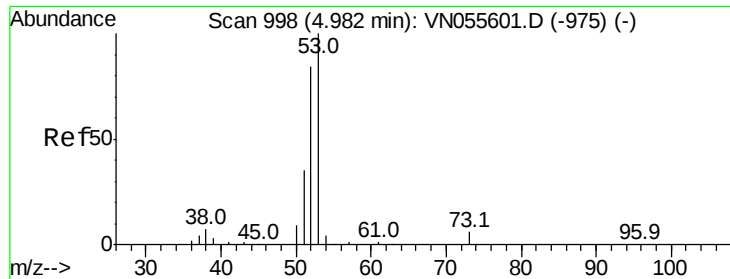
Ion Ratio Lower Upper

41 100

39 61.8 50.5 75.7

76 37.7 29.2 43.8





#15

Acrylonitrile

Concen: 230.086 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

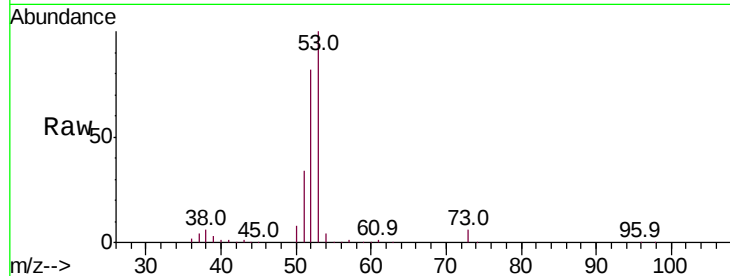
Tot Ion: 53 Resp: 374873

Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.4
51	35.2	28.5	42.7

53 100

52 81.8 66.2 99.4

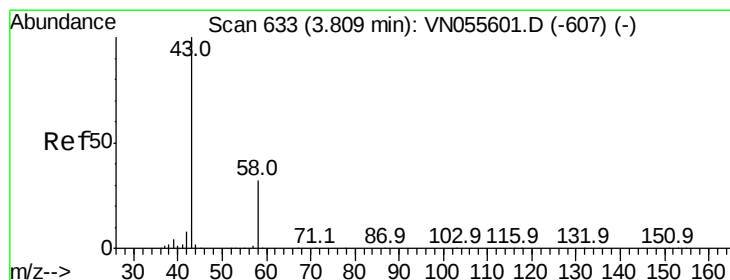
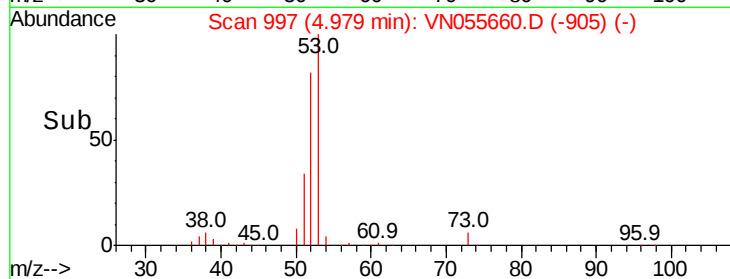
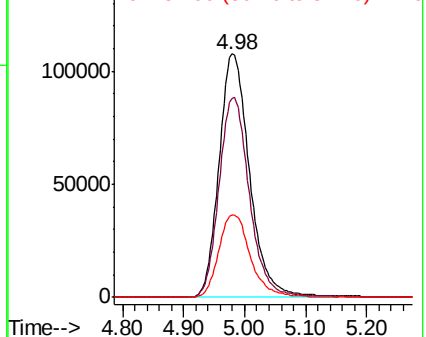
51 35.2 28.5 42.7



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: 278.513 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN055660.D

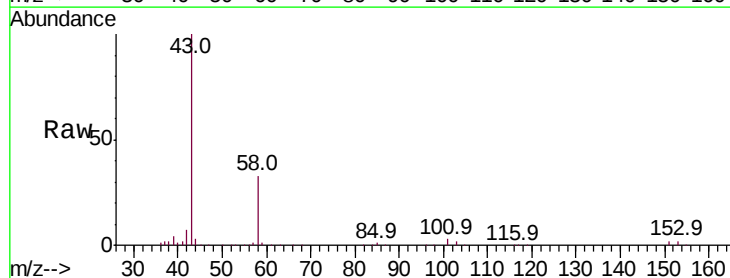
Acq: 20 May 2019 9:02

Tgt Ion: 43 Resp: 446338

Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.0	39.0

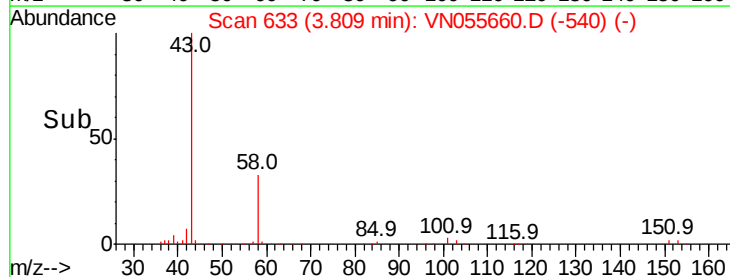
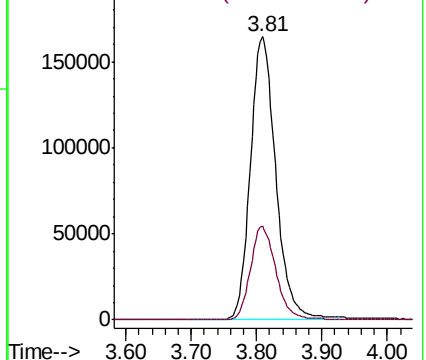
43 100

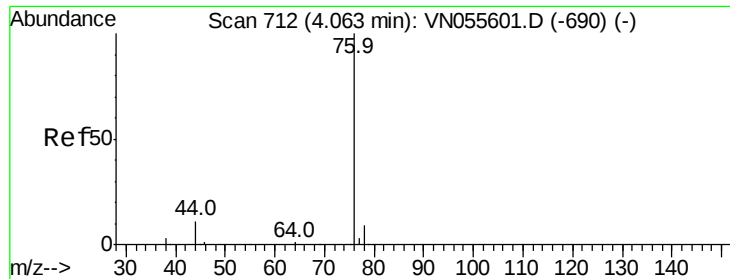
58 33.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.066 ug/l

RT: 4.06 min Scan# 711

Delta R.T. -0.00 min

Lab File: VN055660.D

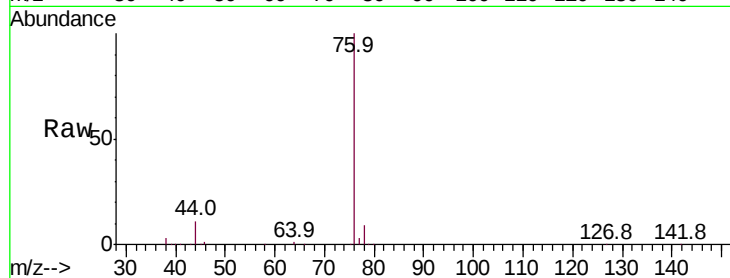
Acq: 20 May 2019 9:02

Tot Ion: 76 Resp: 400774

Ion Ratio Lower Upper

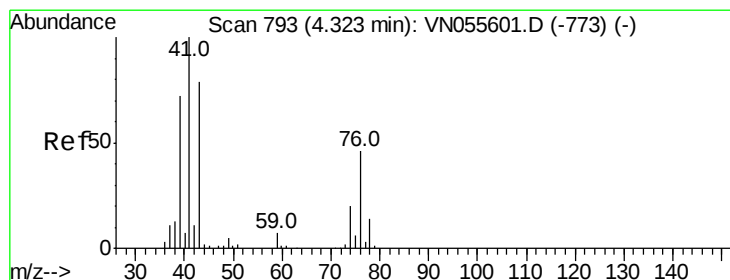
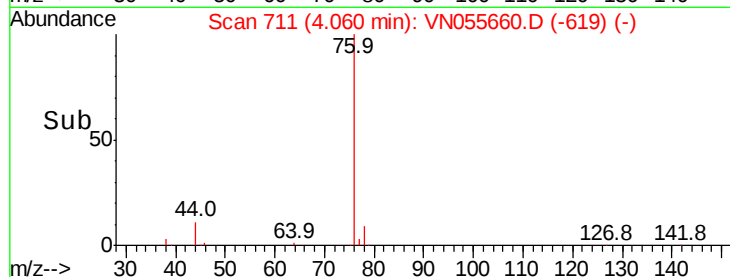
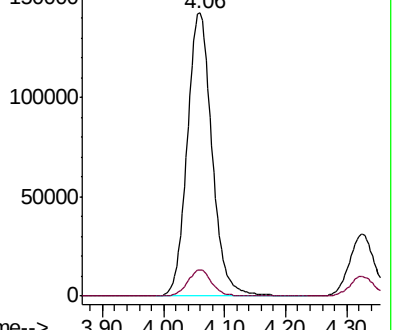
76 100

78 9.3 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: 44.933 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN055660.D

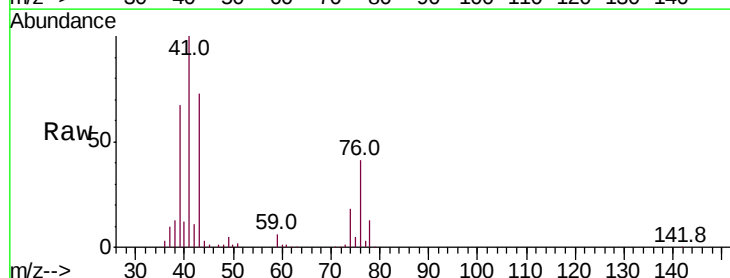
Acq: 20 May 2019 9:02

Tgt Ion: 43 Resp: 154377

Ion Ratio Lower Upper

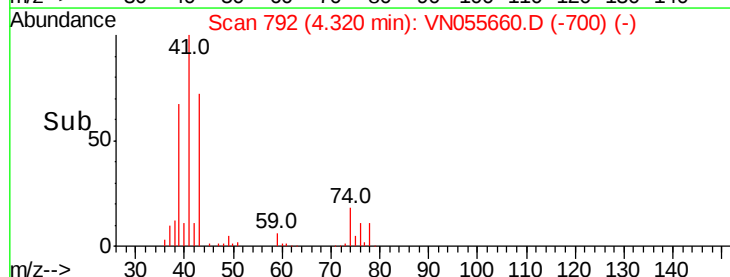
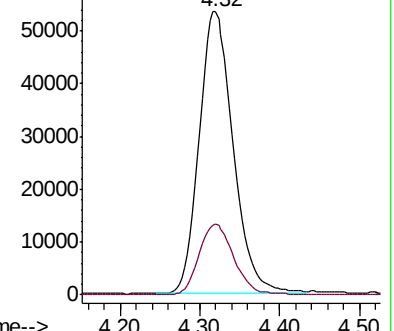
43 100

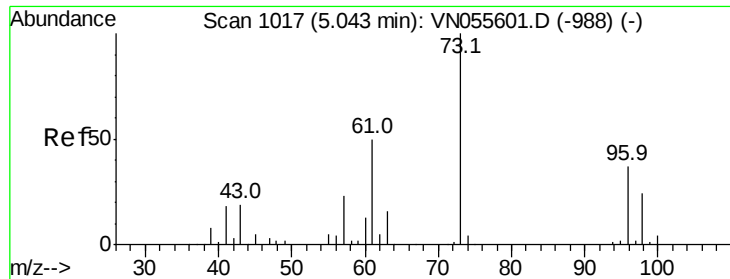
74 25.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

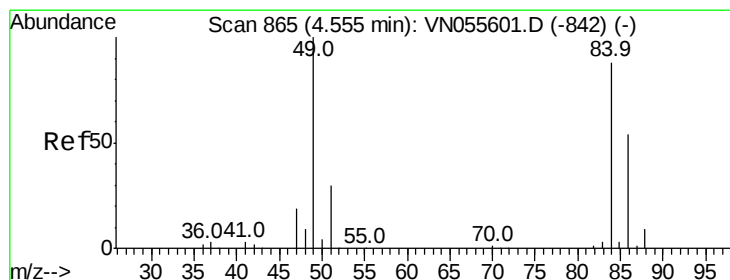
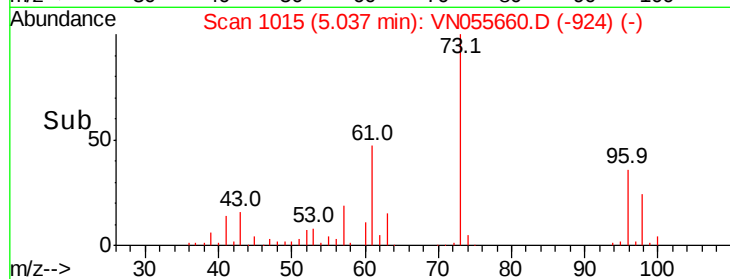
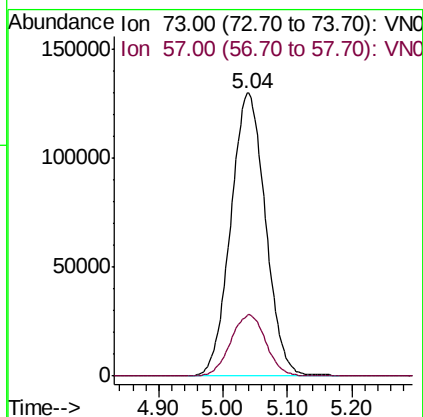
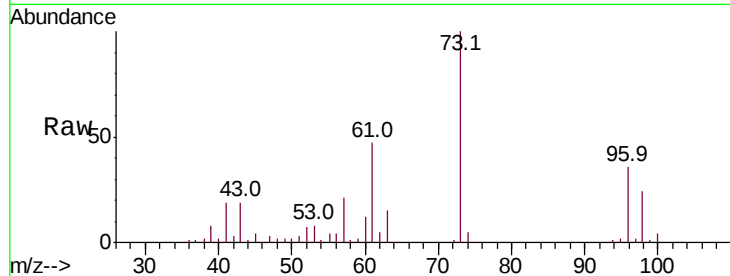




#19

Methyl tert-butyl Ether
 Concen: 44.883 ug/l
 RT: 5.04 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

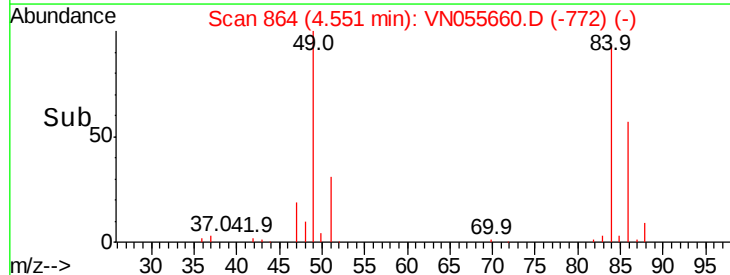
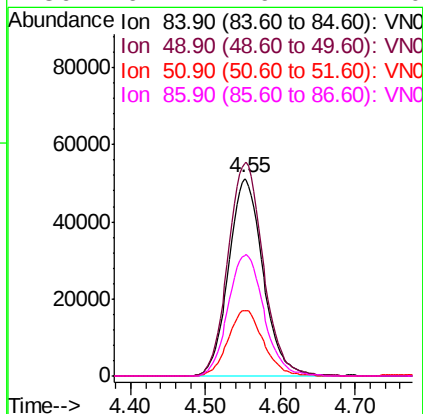
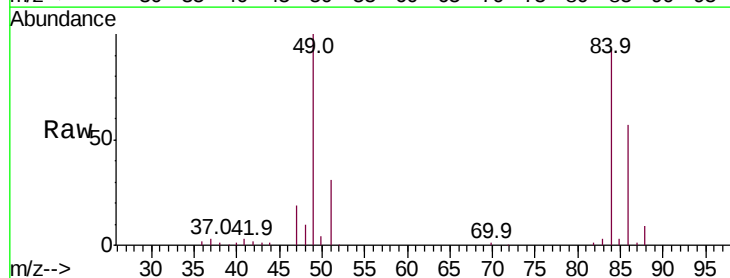
Tot Ion: 73 Resp: 485778
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.2 27.2

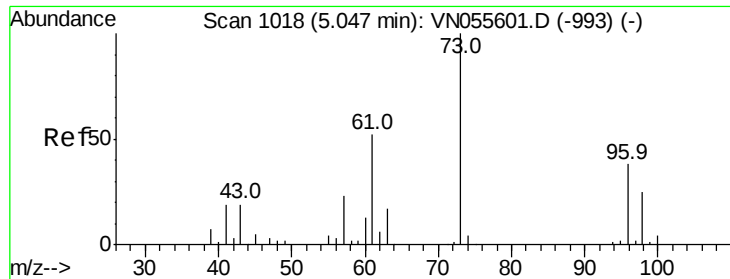


#20

Methylene Chloride
 Concen: 44.760 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tgt Ion: 84 Resp: 163700
 Ion Ratio Lower Upper
 84 100
 49 107.6 91.0 136.4
 51 33.3 27.5 41.3
 86 61.1 49.4 74.0

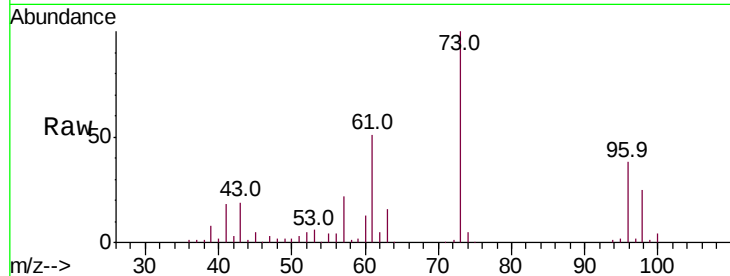




#21

trans-1,2-Dichloroethene
Concen: 45.303 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	108.6	162.8
98	65.2	51.4	77.0

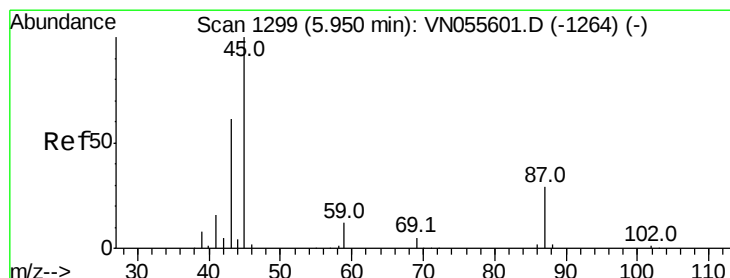
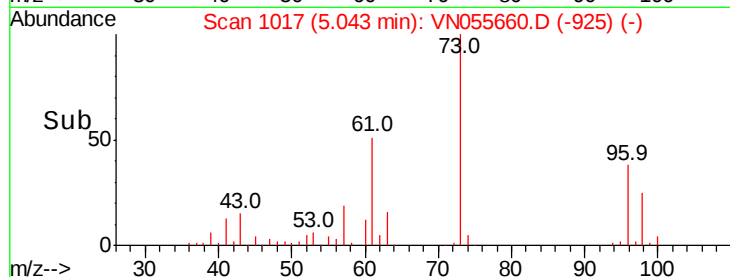
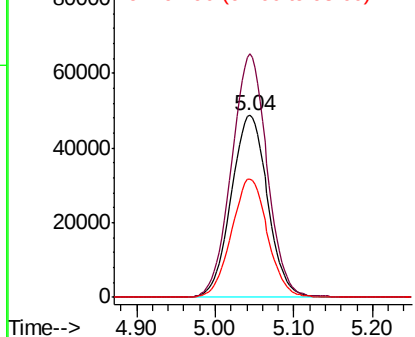


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

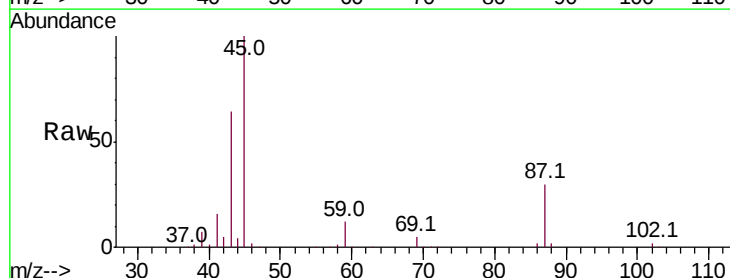
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether
Concen: 43.935 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.7	50.4	75.6
87	29.8	23.8	35.6
59	11.9	9.5	14.3



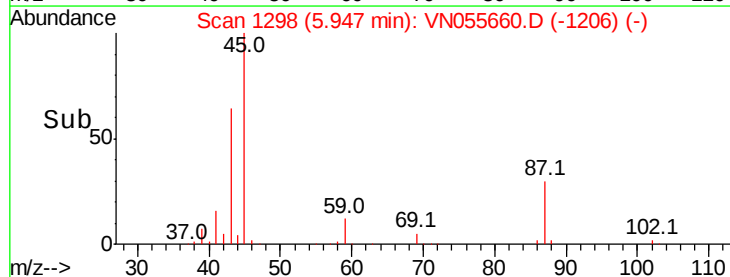
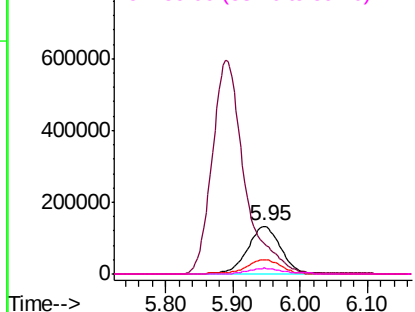
Abundance

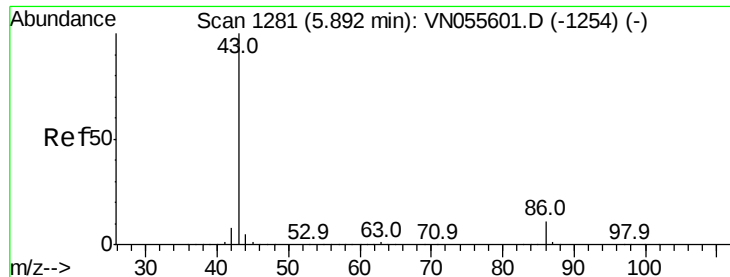
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 225.143 ug/l

RT: 5.89 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VN055660.D

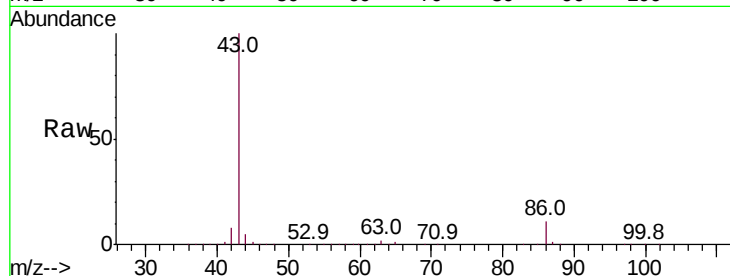
Acq: 20 May 2019 9:02

Tot Ion: 43 Resp: 1999356

Ion Ratio Lower Upper

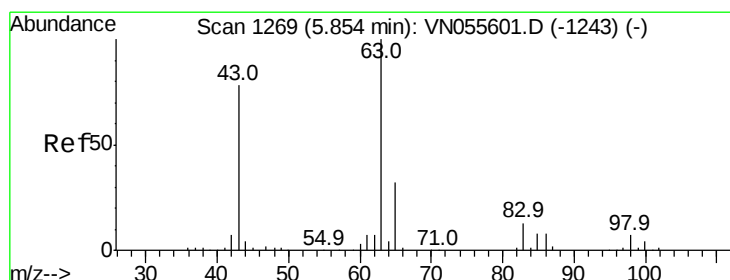
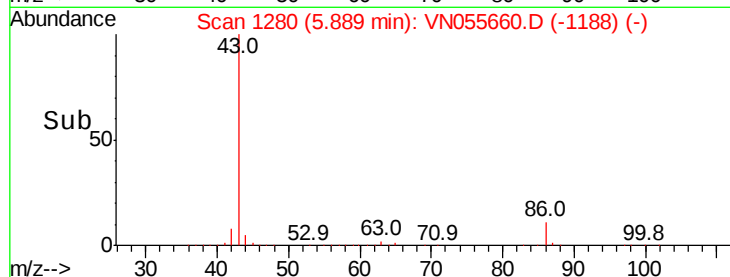
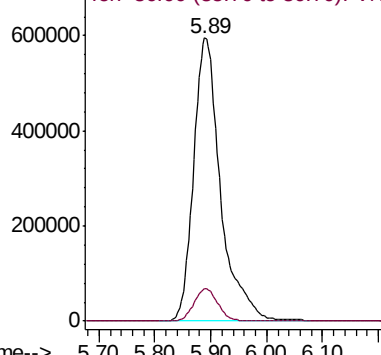
43 100

86 11.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 44.925 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

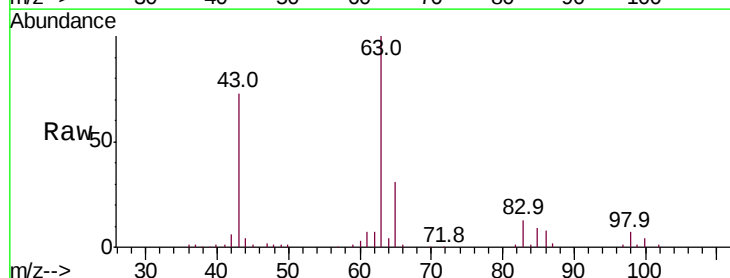
Tgt Ion: 63 Resp: 275684

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

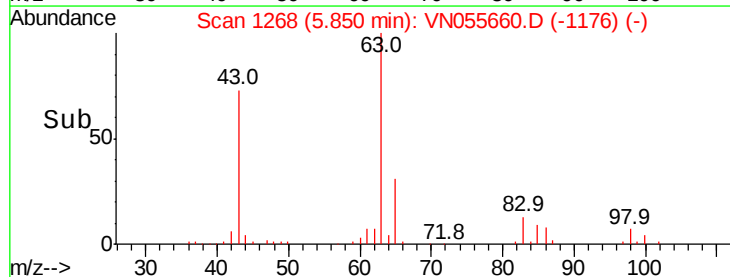
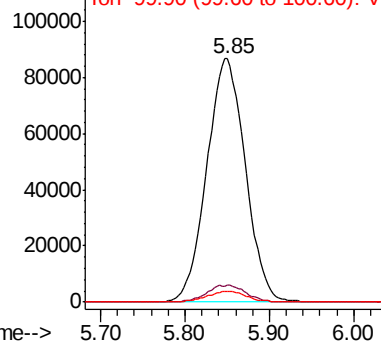
100 4.3 2.2 6.6

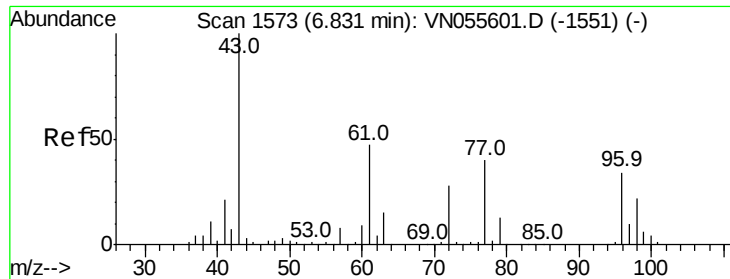


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

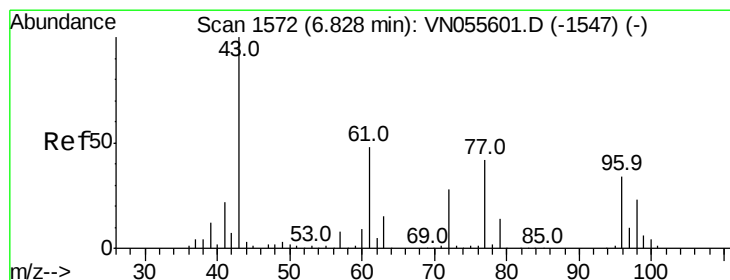
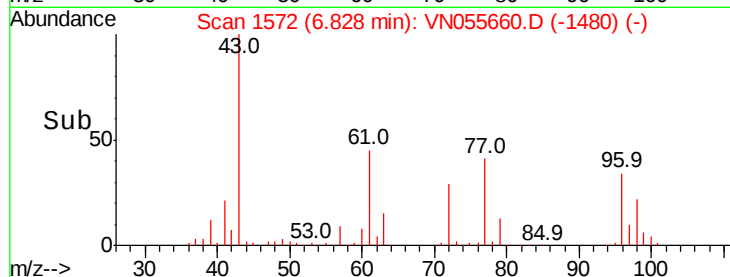
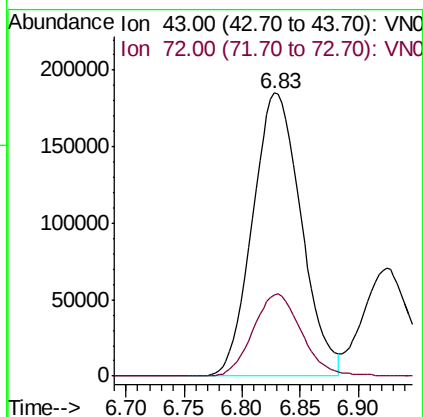
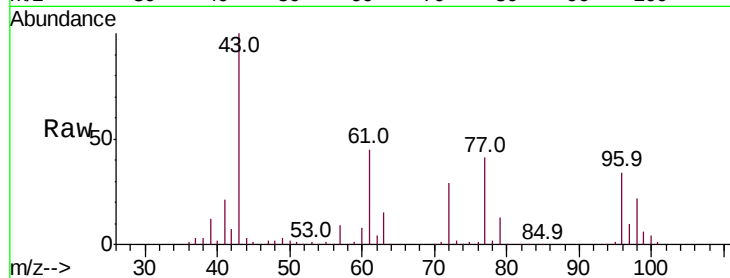
Ion 99.90 (99.60 to 100.60): VN0





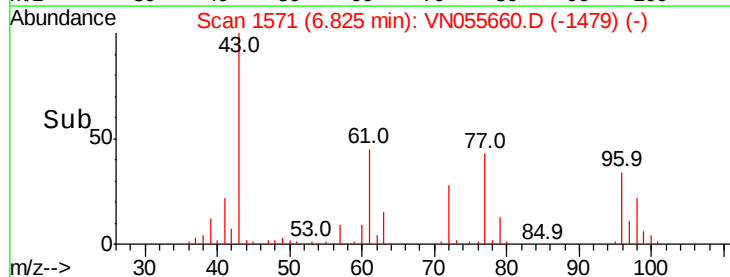
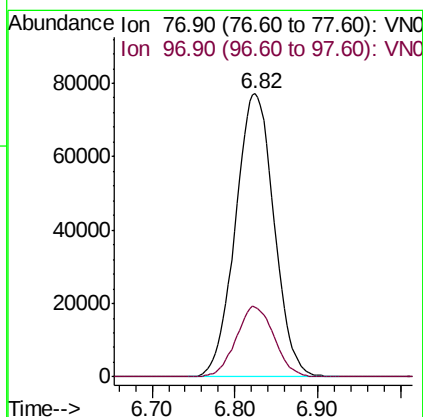
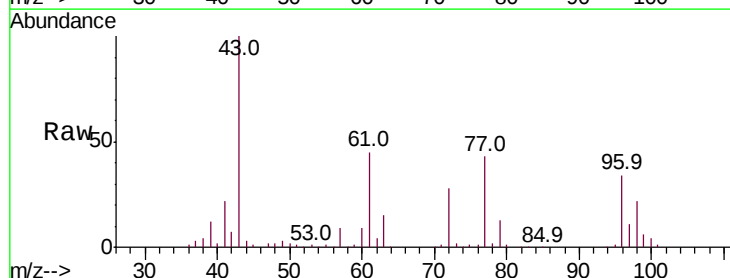
#25
2-Butanone
Concen: 239.968 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

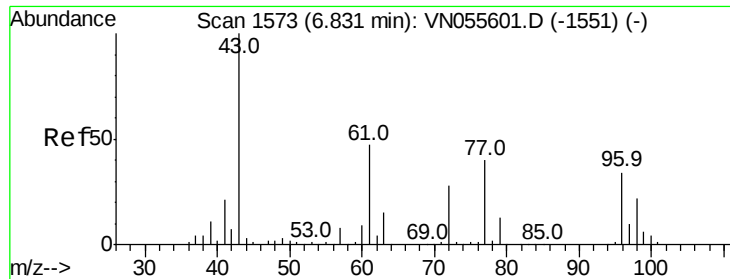
Tot Ion: 43 Resp: 537708
Ion Ratio Lower Upper
43 100
72 28.9 22.3 33.5



#26
2,2-Dichloropropane
Concen: 45.836 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

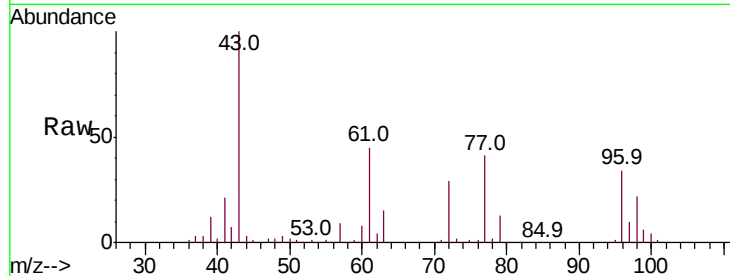
Tgt Ion: 77 Resp: 249636
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.0





#27
 cis-1,2-Dichloroethene
 Concen: 45.035 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	279.0
98	64.8	0.0	131.6

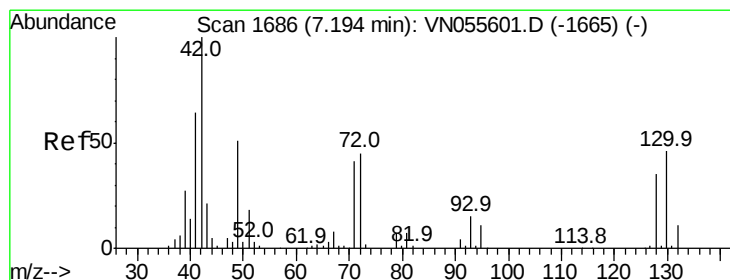
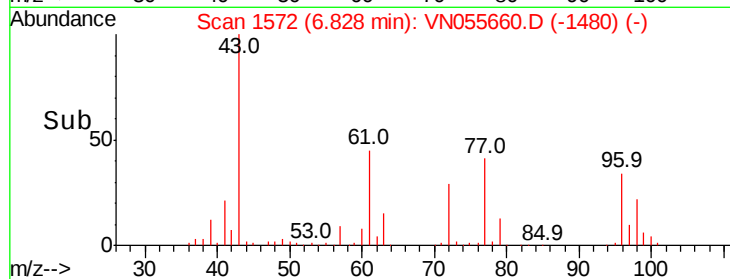
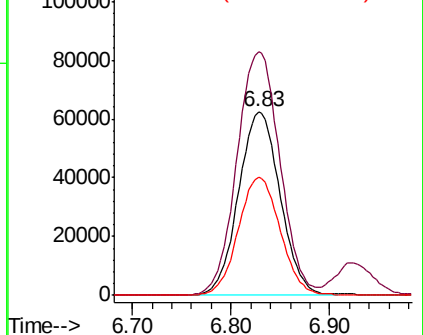


Abundance

Ion 95.90 (95.60 to 96.60): VN0

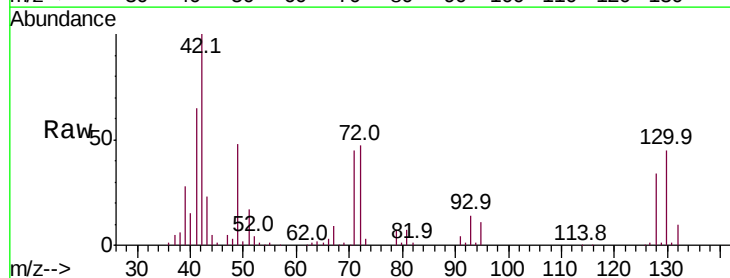
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28
 Bromochloromethane
 Concen: 44.147 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	92.4	71.0	106.6

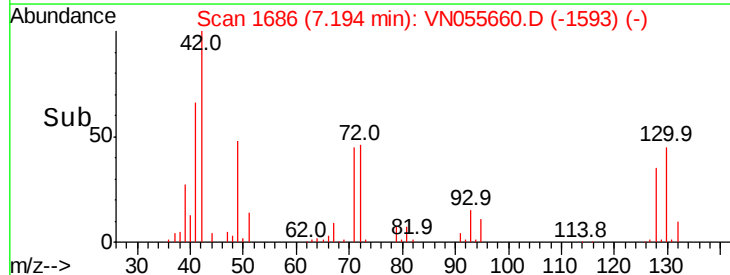
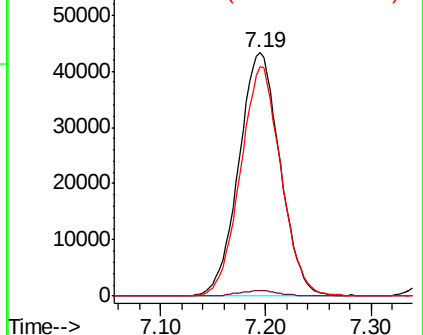


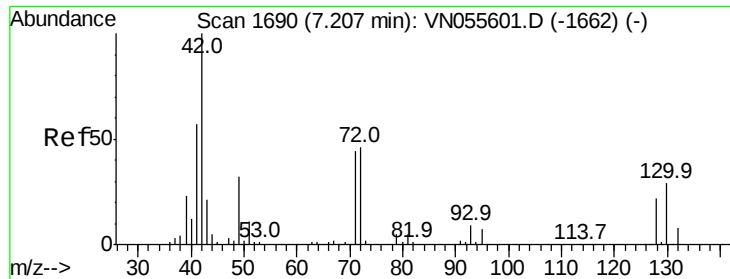
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 216.046 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

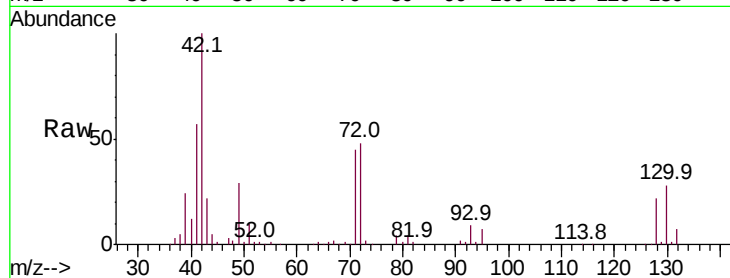
Tot Ion: 42 Resp: 320724

Ion Ratio Lower Upper

42 100

72 47.3 36.5 54.7

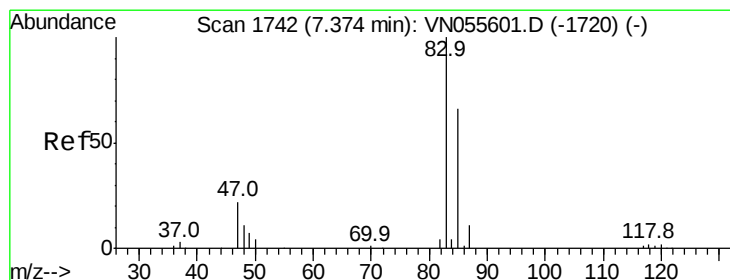
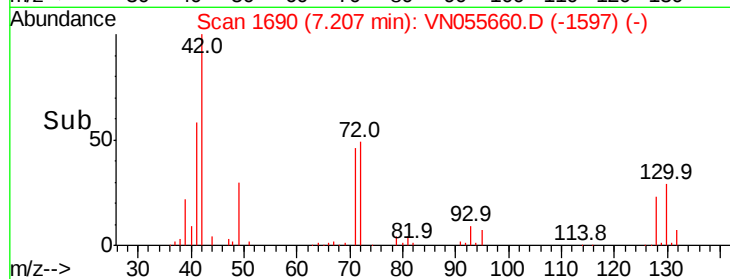
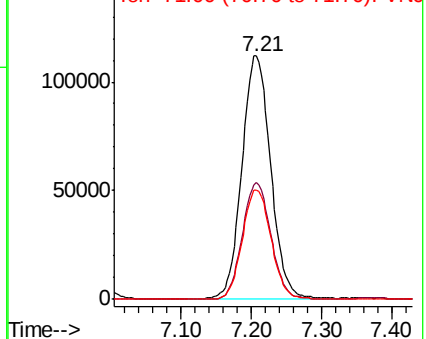
71 44.6 34.9 52.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 44.267 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN055660.D

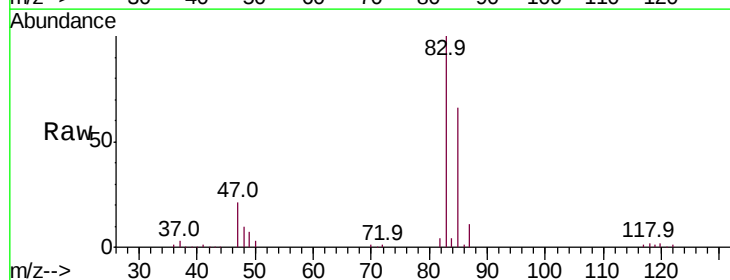
Acq: 20 May 2019 9:02

Tgt Ion: 83 Resp: 278839

Ion Ratio Lower Upper

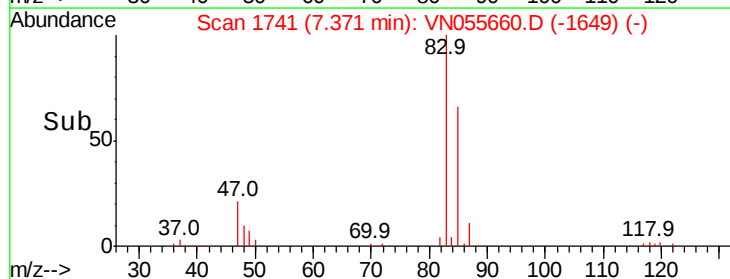
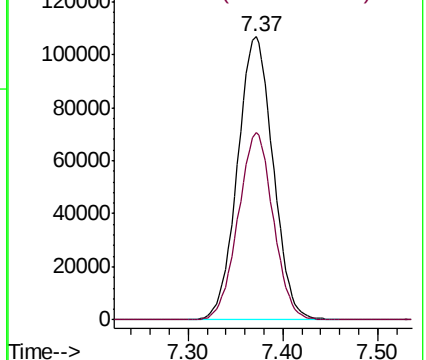
83 100

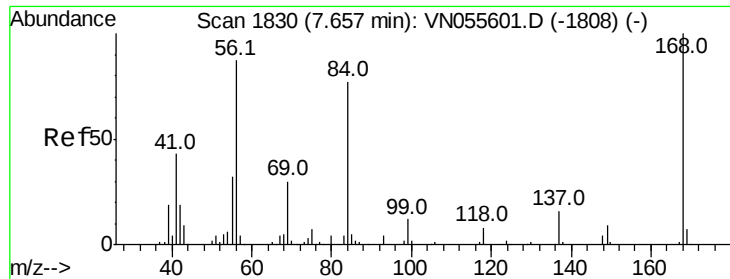
85 66.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 43.543 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

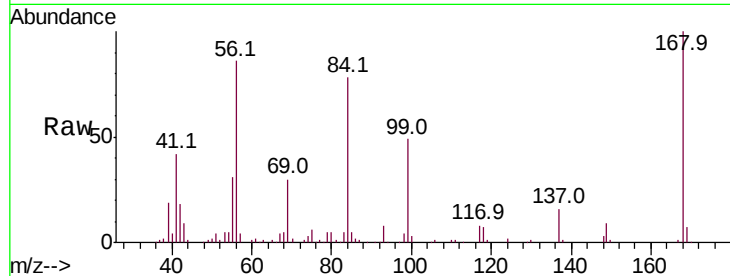
Tot Ion: 56 Resp: 253594

Ion Ratio Lower Upper

56 100

69 34.9 27.2 40.8

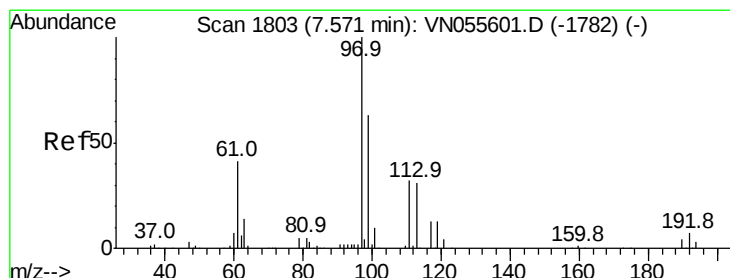
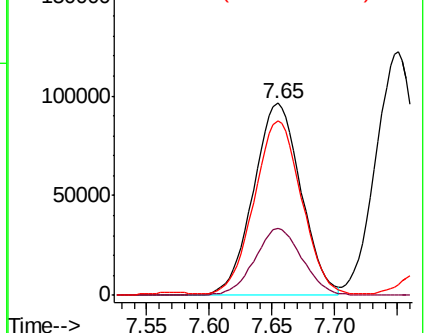
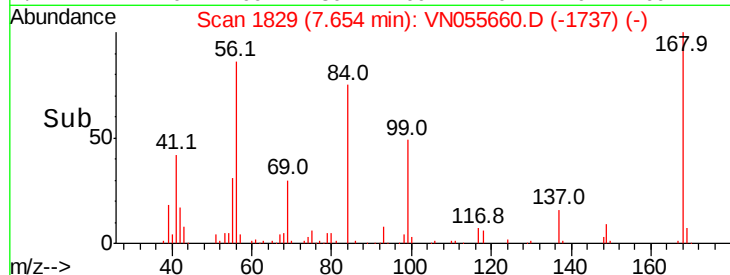
84 90.1 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN055660.D (-1808) (-)

Ion 69.00 (68.70 to 69.70): VN055660.D (-1808) (-)

Ion 84.00 (83.70 to 84.70): VN055660.D (-1808) (-)



#32

1,1,1-Trichloroethane

Concen: 44.397 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

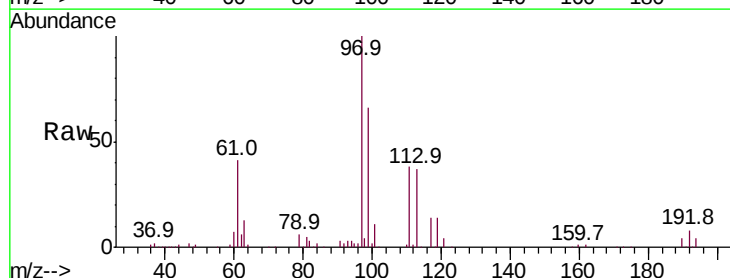
Tgt Ion: 97 Resp: 250839

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

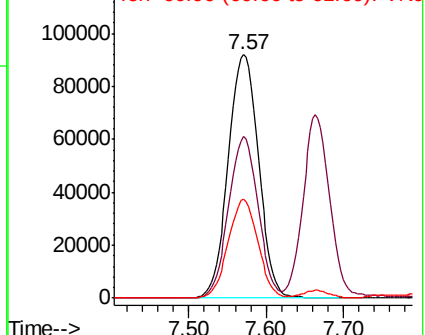
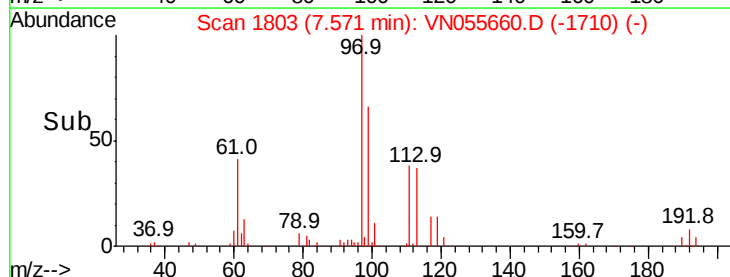
61 39.6 32.9 49.3

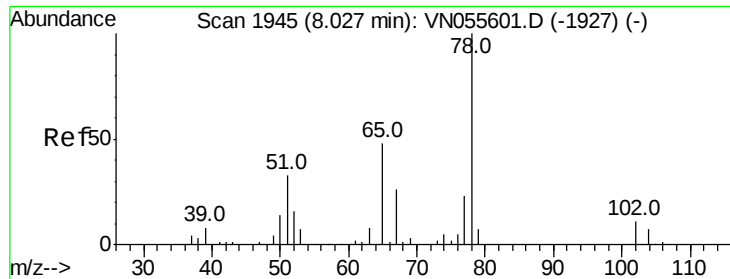


Abundance Ion 96.90 (96.60 to 97.60): VN055660.D (-1782) (-)

Ion 98.90 (98.60 to 99.60): VN055660.D (-1782) (-)

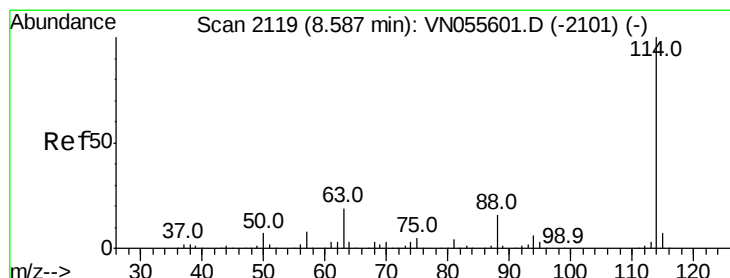
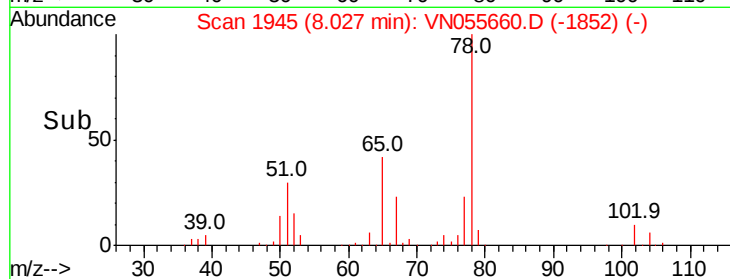
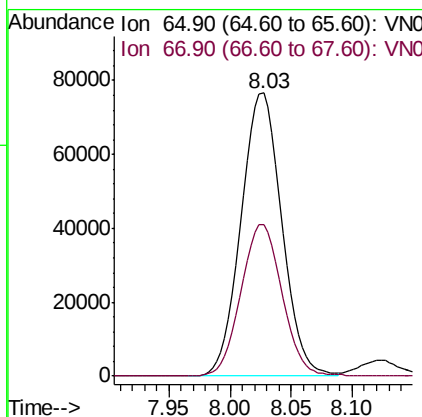
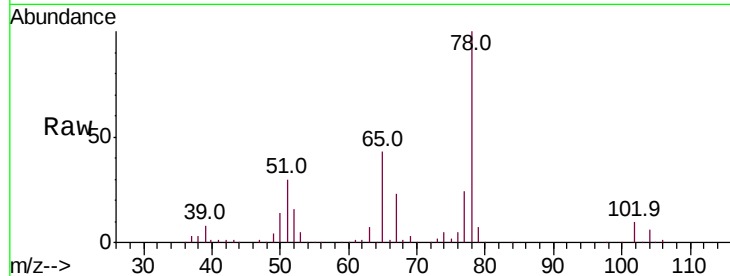
Ion 60.90 (60.60 to 61.60): VN055660.D (-1782) (-)





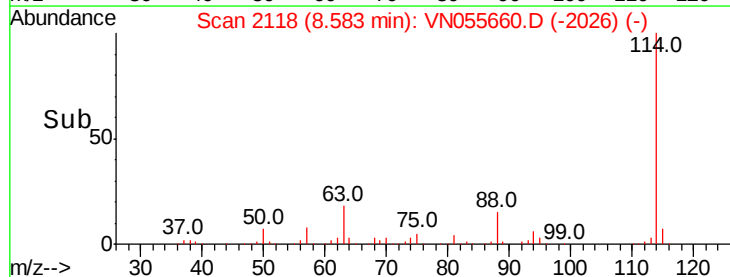
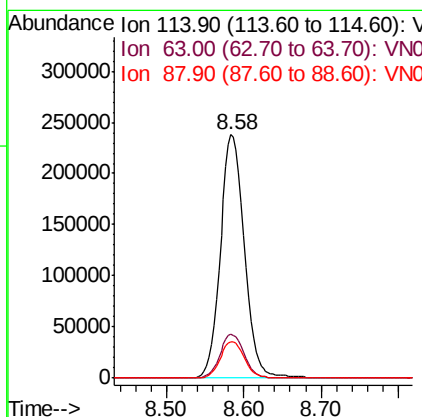
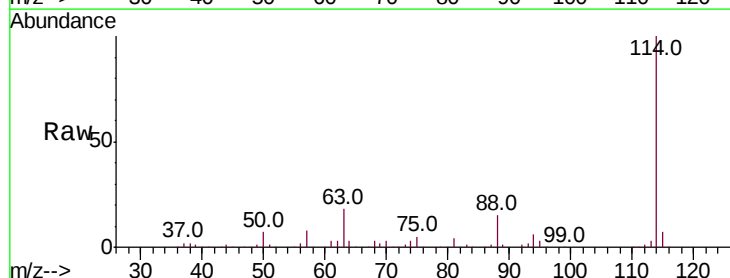
#33
 1,2-Dichloroethane-d4
 Concen: 45.228 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

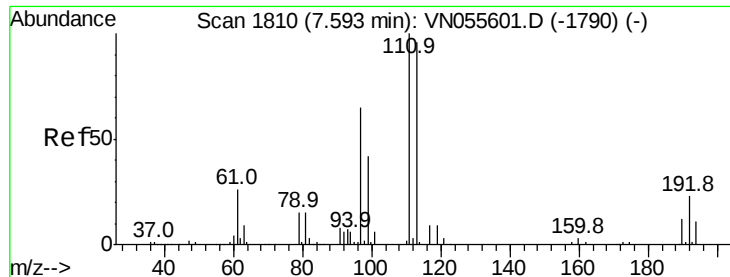
Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

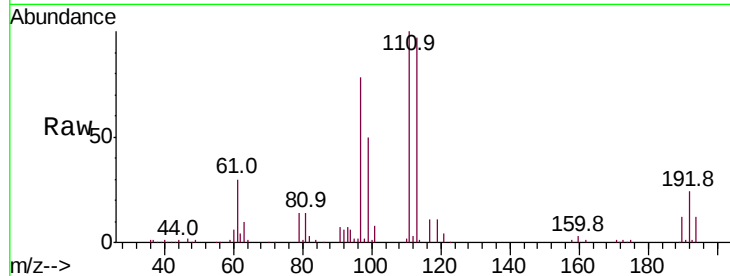
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.2
88	15.1	0.0	31.0



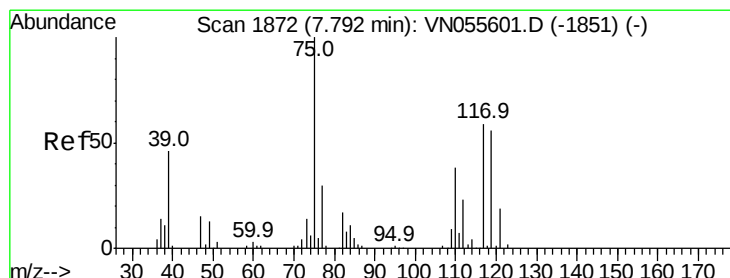
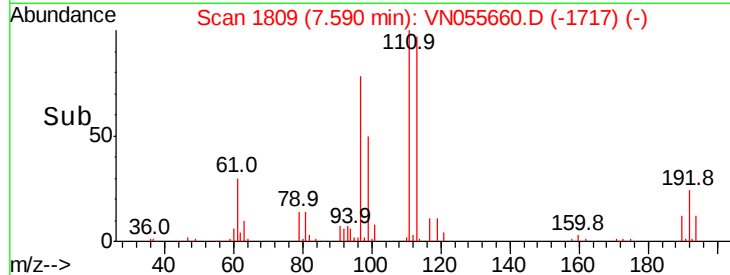
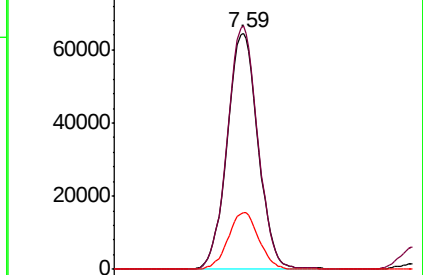


#35
 Dibromofluoromethane
 Concen: 50.285 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tot Ion:113 Resp: 164340
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.5 123.7
 192 23.9 18.7 28.1

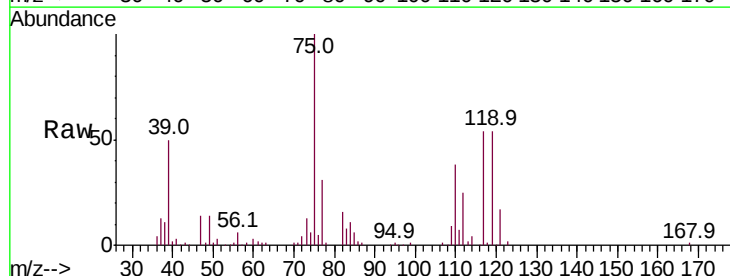


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

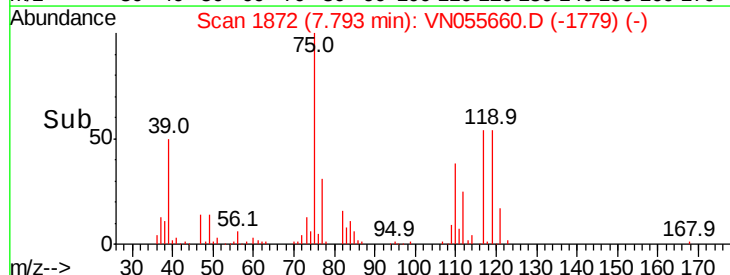
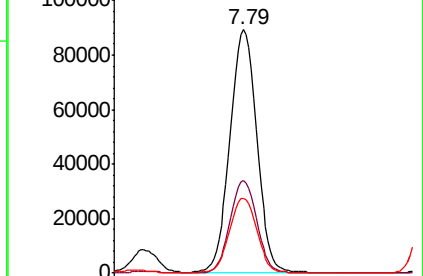


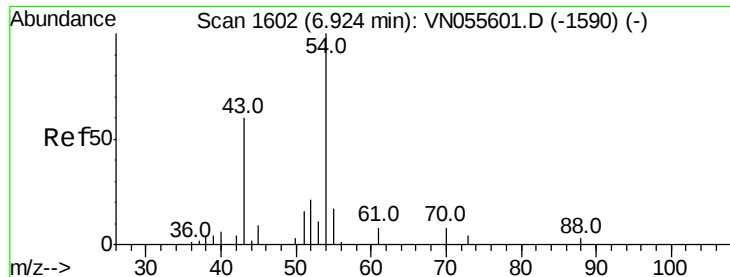
#36
 1,1-Dichloropropene
 Concen: 47.237 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tgt Ion: 75 Resp: 216671
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.6 55.6
 77 31.3 24.9 37.3



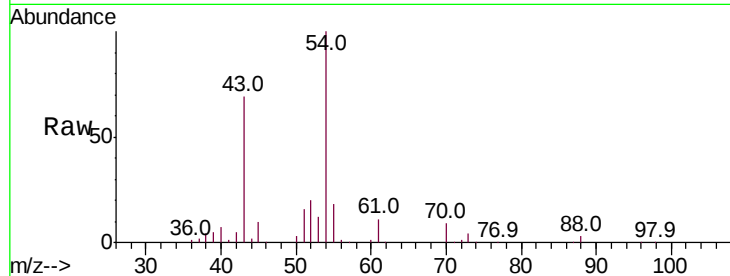
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37
Ethyl Acetate
Concen: 48.331 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

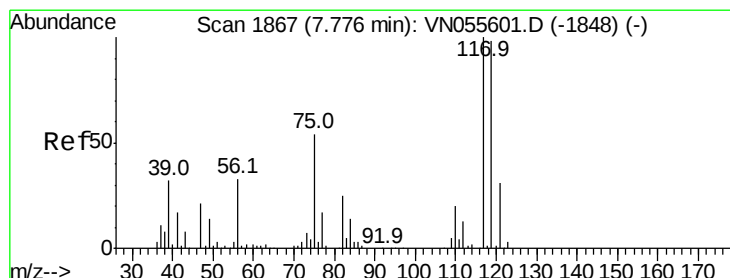
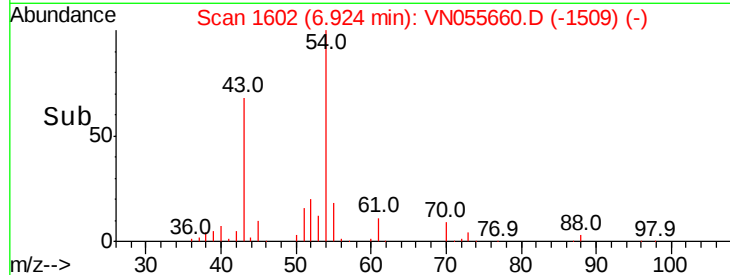
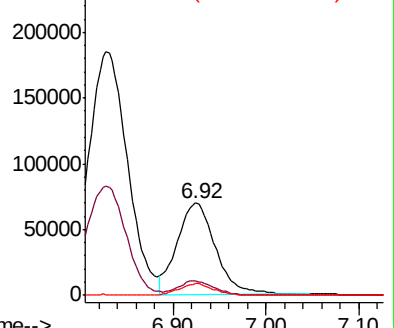
Tot Ion:	43	Resp:	200047
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.4	17.0
70	11.2	9.2	13.8



Abundance Ion 43.00 (42.70 to 43.70): VN055660.D (-1590) (-)

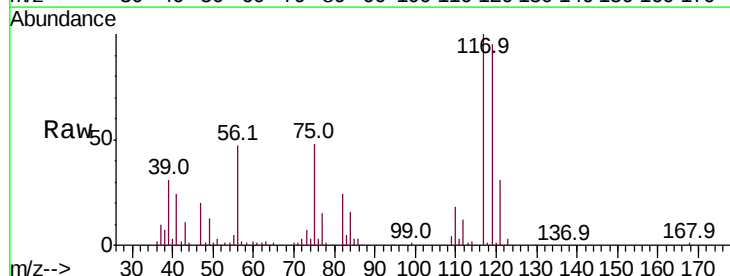
Ion 60.90 (60.60 to 61.60): VN055660.D (-1590) (-)

Ion 70.00 (69.70 to 70.70): VN055660.D (-1590) (-)



#38
Carbon Tetrachloride
Concen: 46.826 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

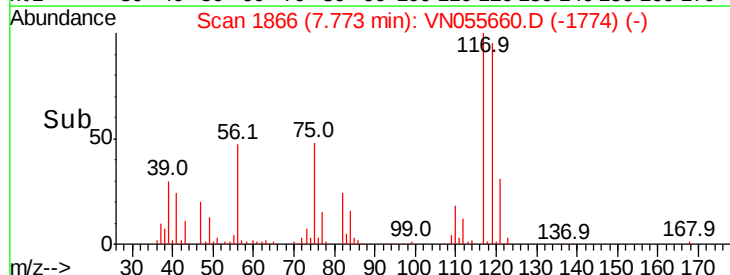
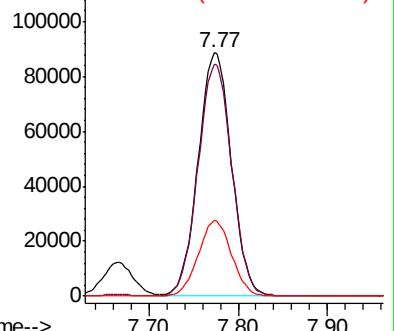
Tgt Ion:	117	Resp:	229516
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.8	116.8
121	31.0	24.6	37.0

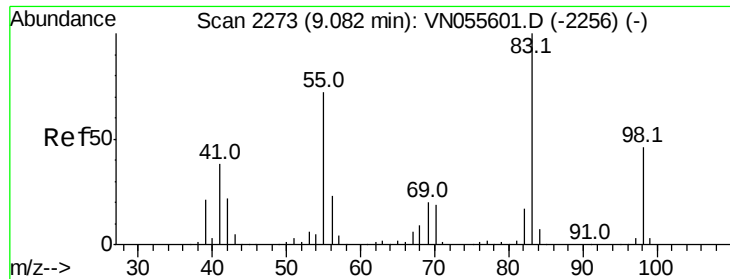


Abundance Ion 116.80 (116.50 to 117.50): VN055660.D (-1774) (-)

Ion 118.80 (118.50 to 119.50): VN055660.D (-1774) (-)

Ion 120.80 (120.50 to 121.50): VN055660.D (-1774) (-)





#39

Methvlcvclohexane

Concen: 48.703 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

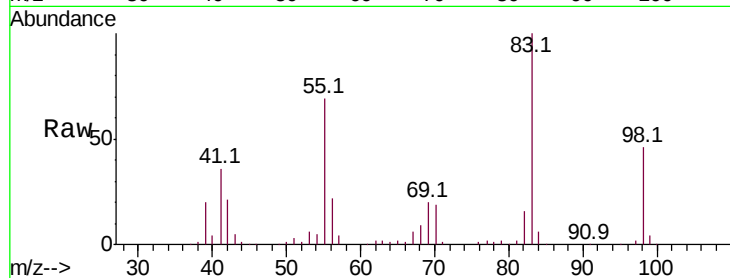
Tot Ion: 83 Resp: 269298

Ion Ratio Lower Upper

83 100

55 68.7 57.8 86.6

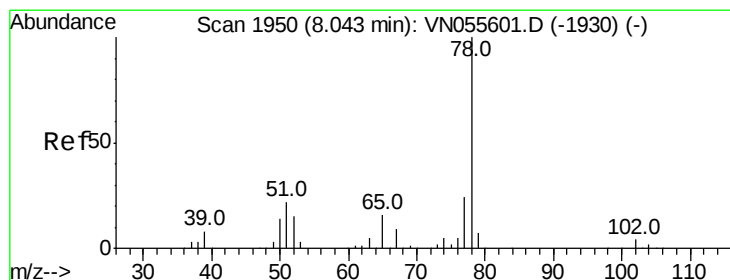
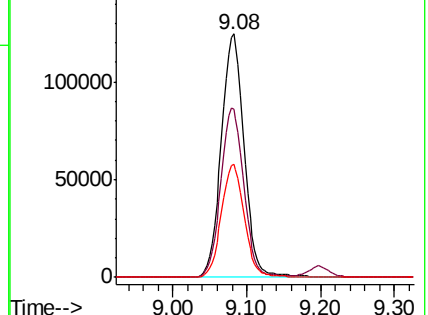
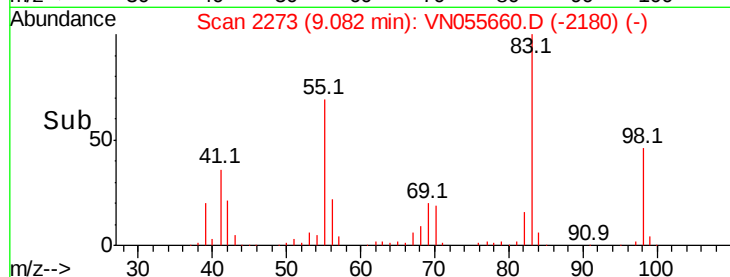
98 46.4 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 47.822 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN055660.D

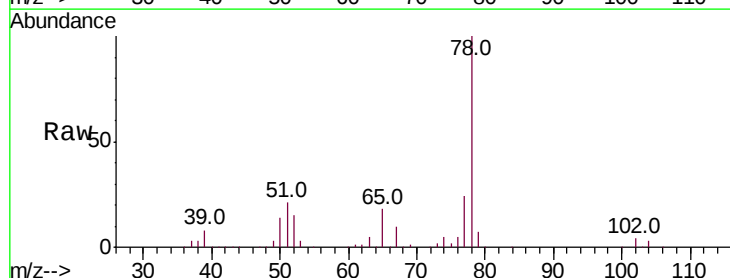
Acq: 20 May 2019 9:02

Tgt Ion: 78 Resp: 645183

Ion Ratio Lower Upper

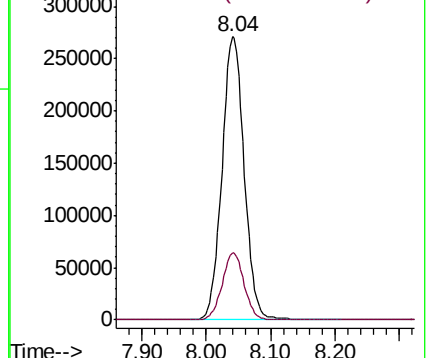
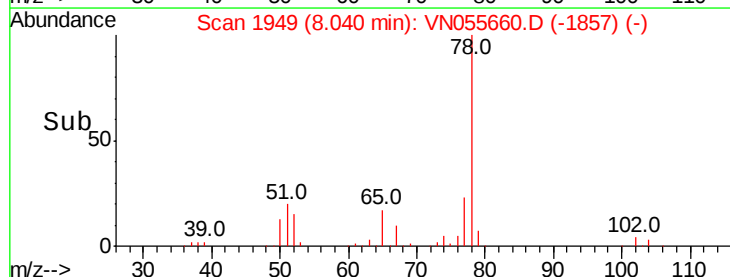
78 100

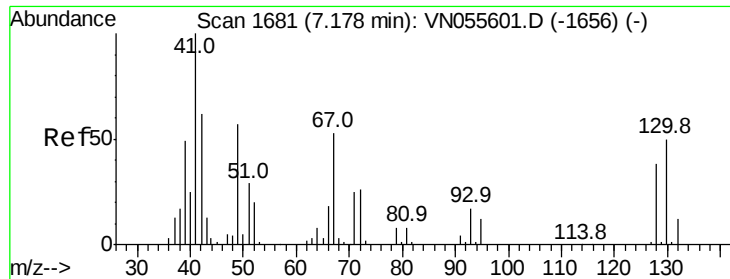
77 23.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 59.827 ug/l m

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

Tot Ion: 41 Resp: 105870

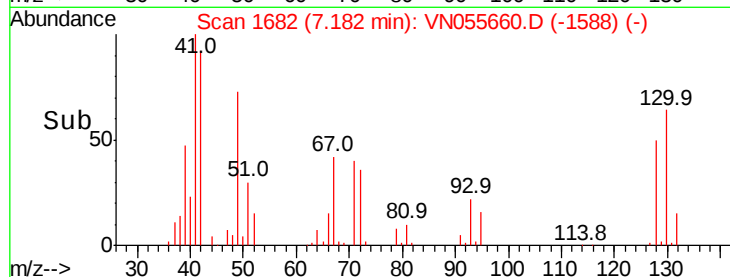
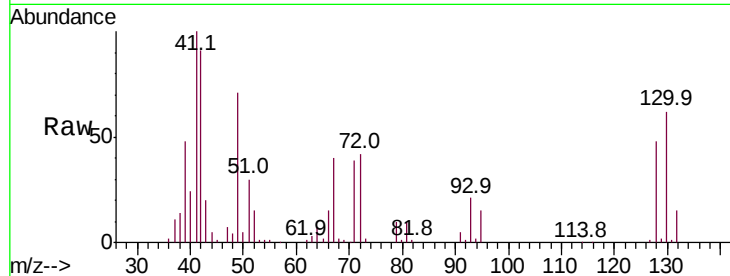
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

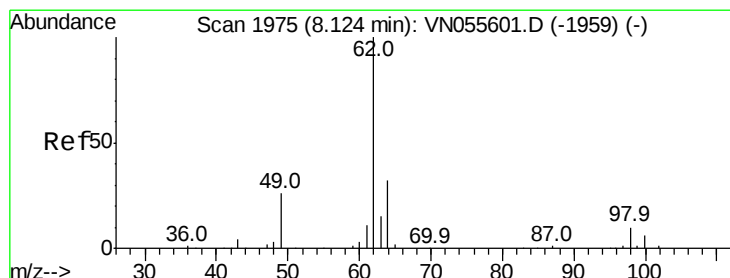
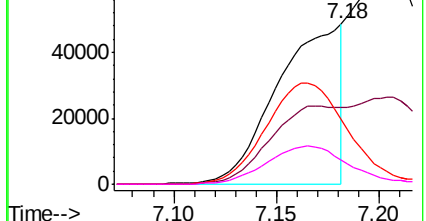


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 47.219 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN055660.D

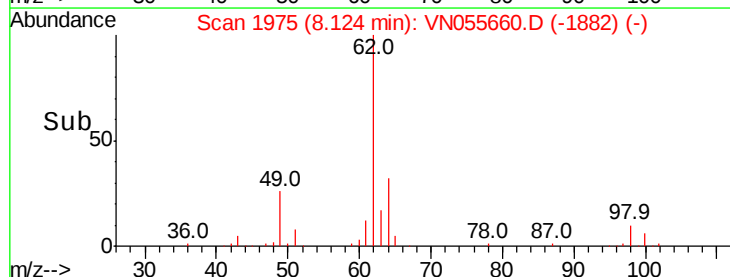
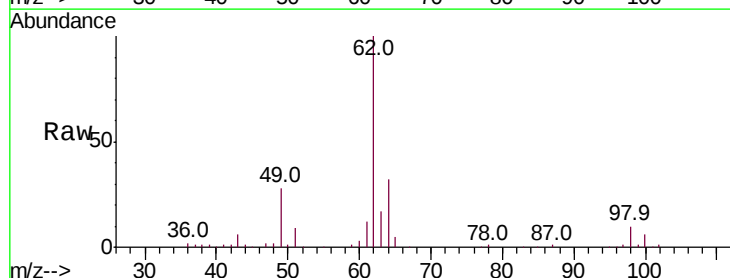
Acq: 20 May 2019 9:02

Tgt Ion: 62 Resp: 206290

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

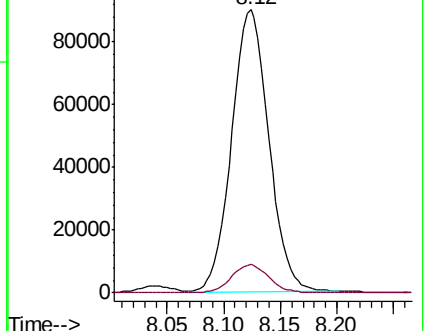
62 100

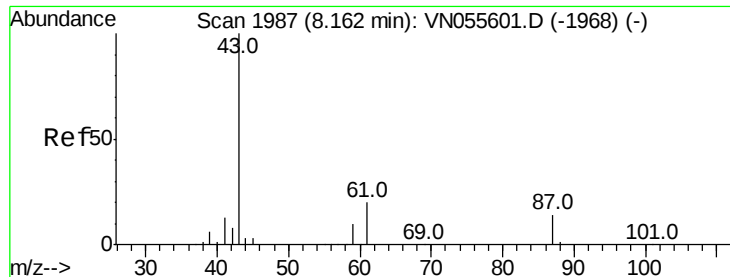
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 48.668 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

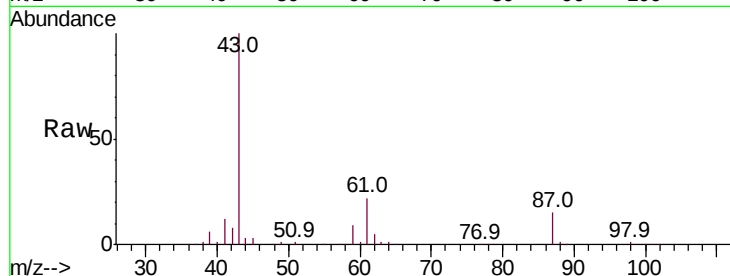
Tot Ion: 43 Resp: 350405

Ion Ratio Lower Upper

43 100

61 27.6 22.1 33.1

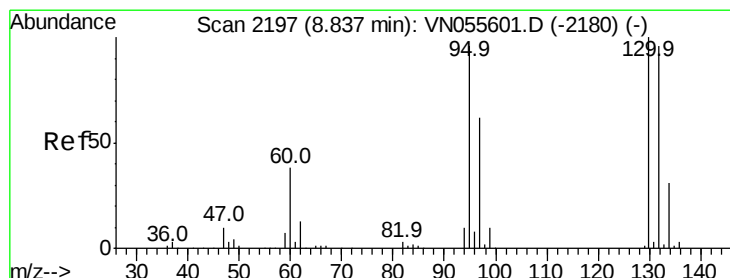
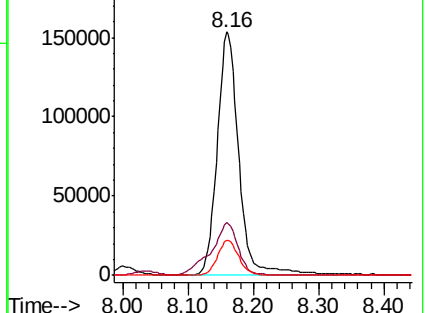
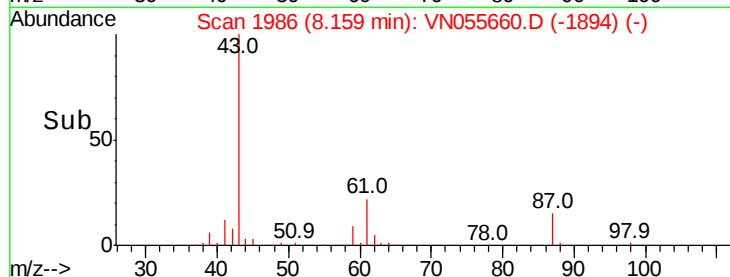
87 14.3 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 49.814 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055660.D

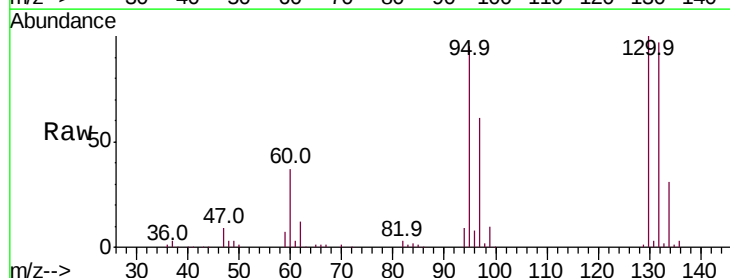
Acq: 20 May 2019 9:02

Tgt Ion:130 Resp: 189636

Ion Ratio Lower Upper

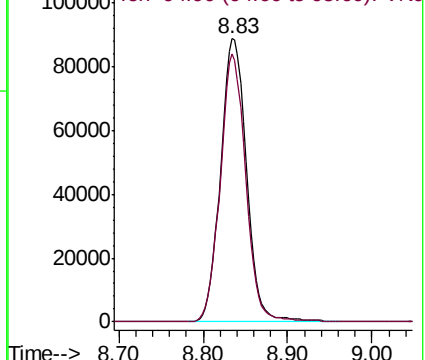
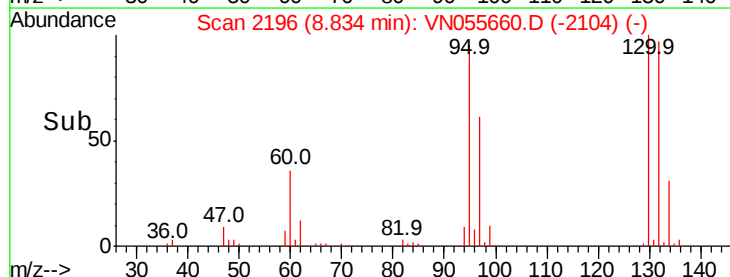
130 100

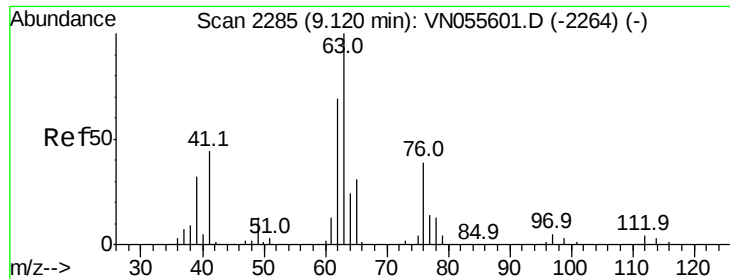
95 94.6 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 47.283 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055660.D

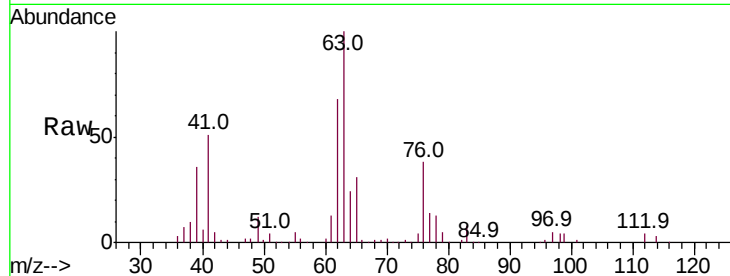
Acq: 20 May 2019 9:02

Tot Ion: 63 Resp: 168051

Ion Ratio Lower Upper

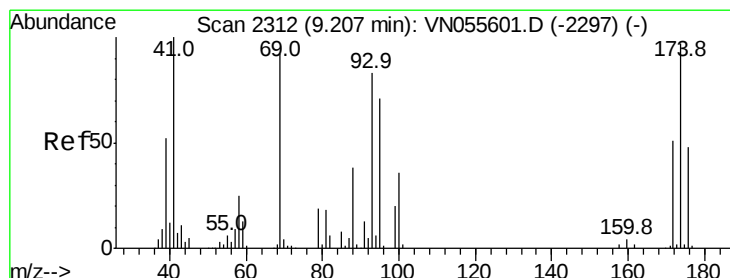
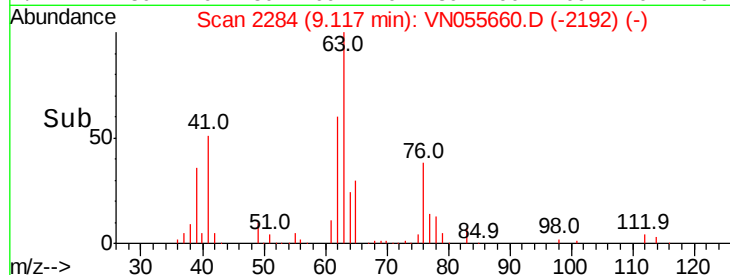
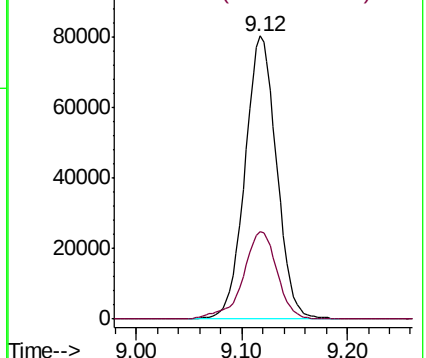
63 100

65 30.6 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: 48.011 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

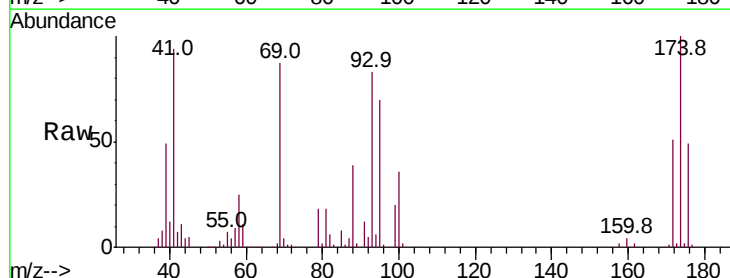
Tgt Ion: 93 Resp: 111683

Ion Ratio Lower Upper

93 100

95 85.1 67.9 101.9

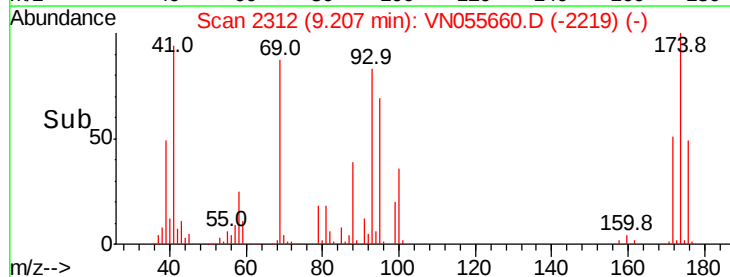
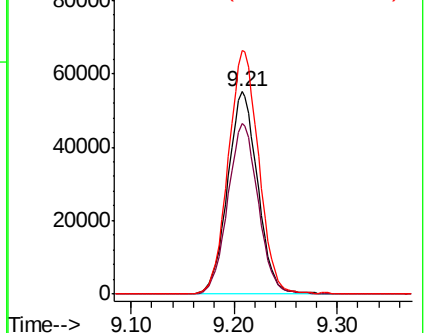
174 121.9 93.8 140.6

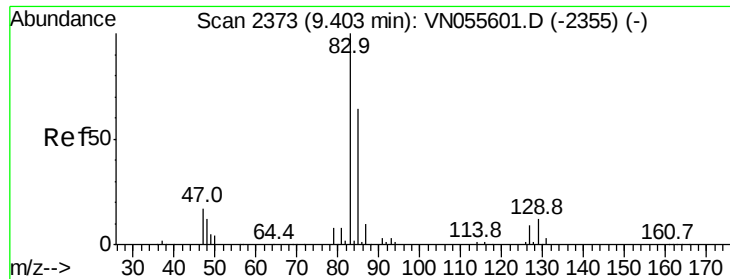


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.789 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

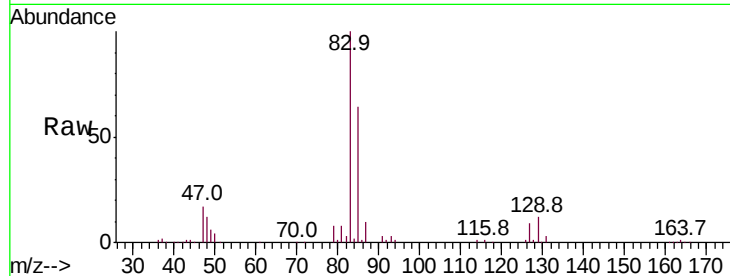
Tot Ion: 83 Resp: 228115

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

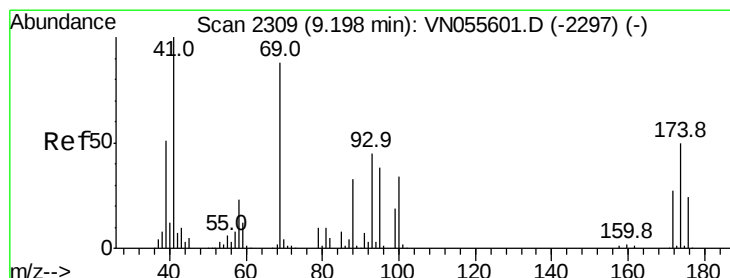
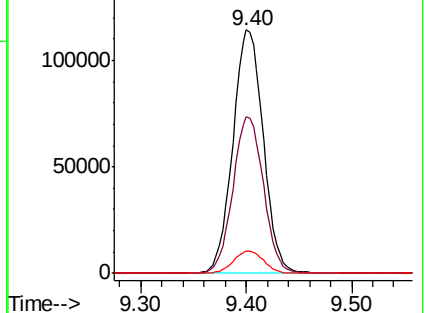
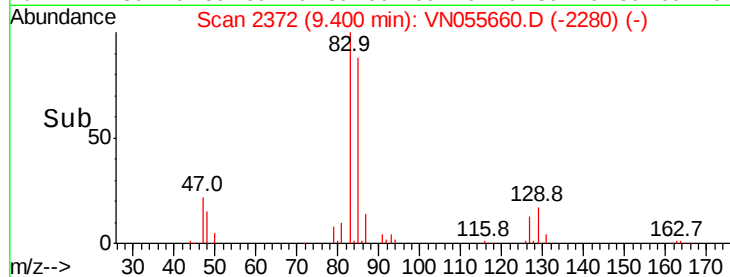
127 9.2 7.1 10.7



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: 47.076 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

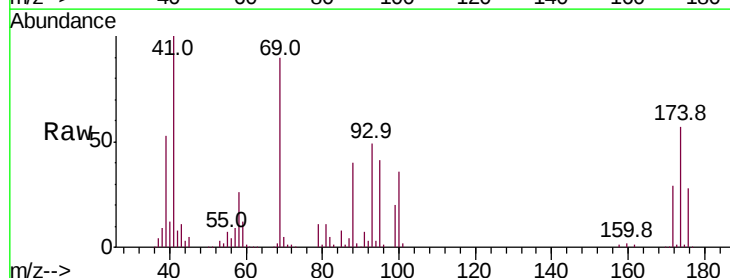
Tgt Ion: 41 Resp: 151496

Ion Ratio Lower Upper

41 100

69 97.1 74.2 111.2

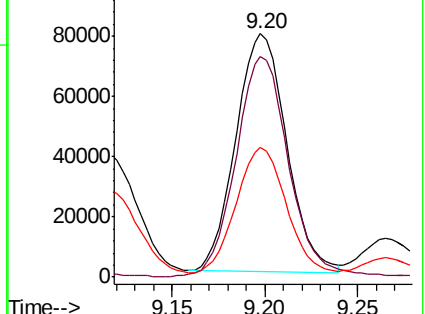
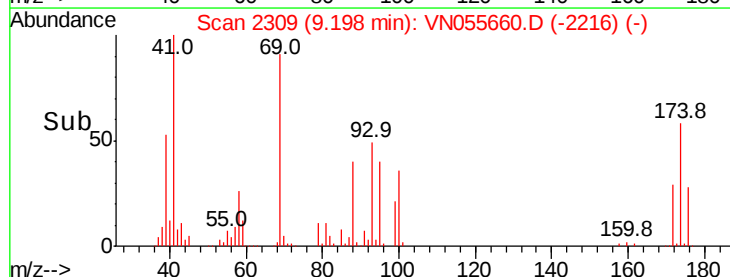
39 55.2 43.8 65.8

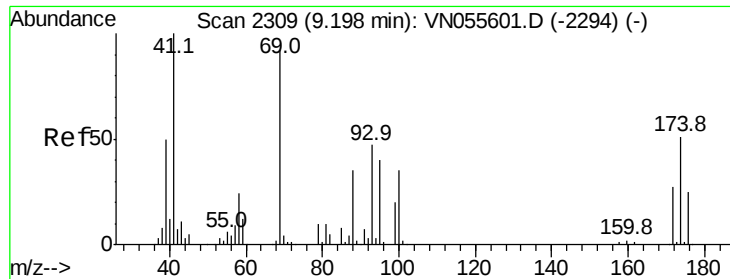


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1096.295 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

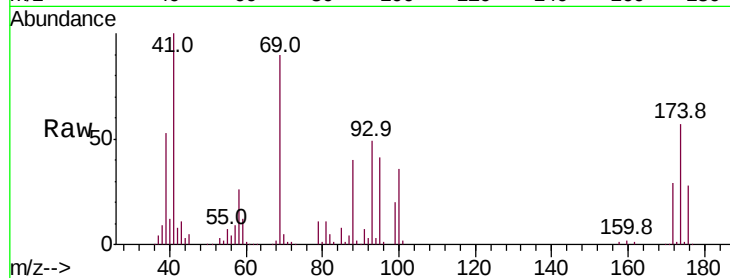
Tot Ion: 88 Resp: 70104

Ion Ratio Lower Upper

88 100

43 26.6 22.4 33.6

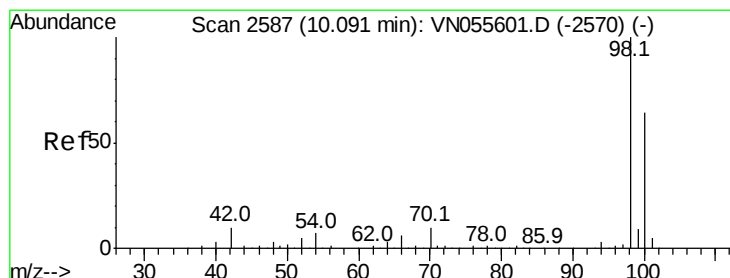
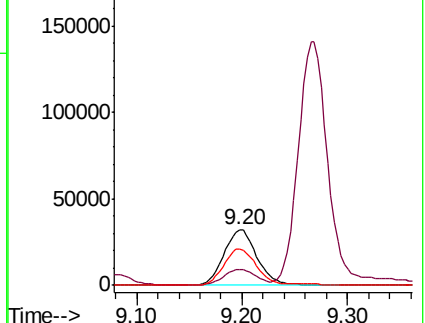
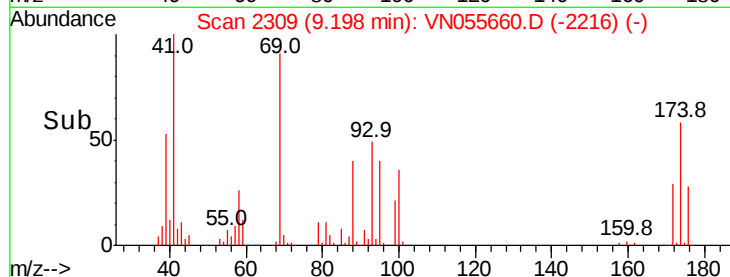
58 66.9 53.4 80.2



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: 49.423 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055660.D

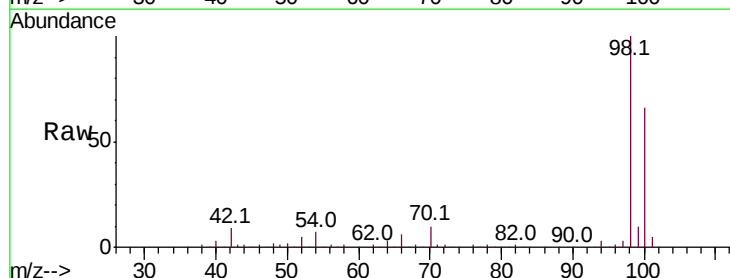
Acq: 20 May 2019 9:02

Tgt Ion: 98 Resp: 610741

Ion Ratio Lower Upper

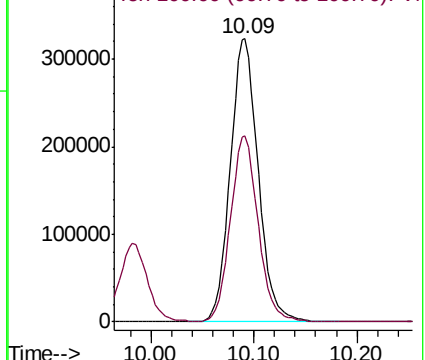
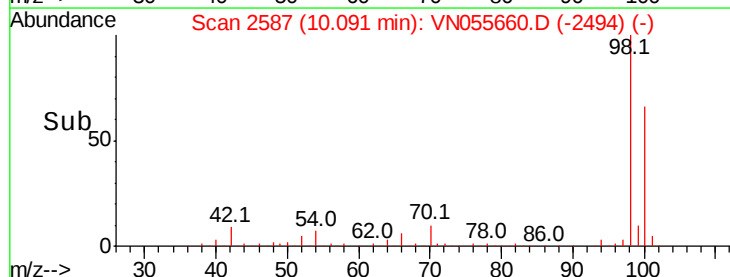
98 100

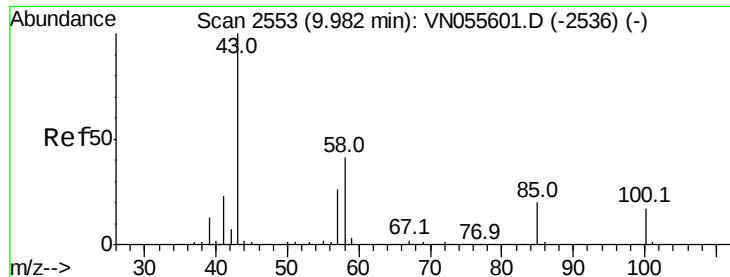
100 65.2 51.9 77.9



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: 230.529 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055660.D

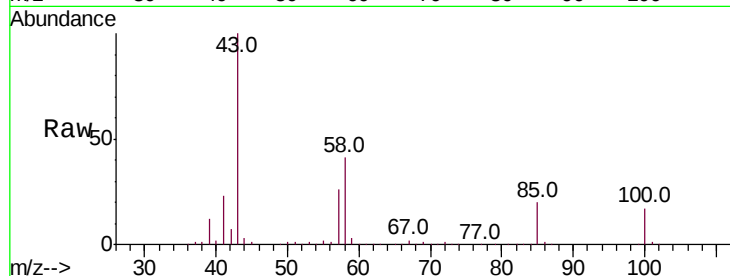
Acq: 20 May 2019 9:02

Tot Ion: 43 Resp: 973599

Ion Ratio Lower Upper

43 100

58 41.6 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055660.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055660.D (-2536) (-)

9.98

500000

400000

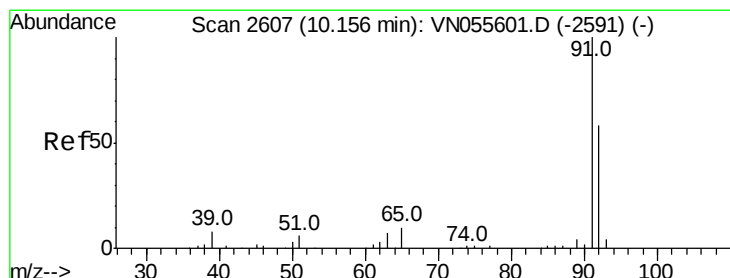
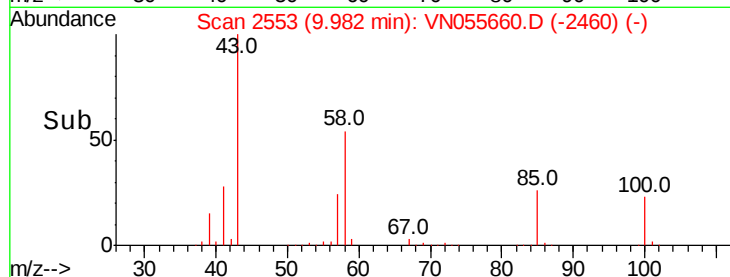
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.639 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055660.D

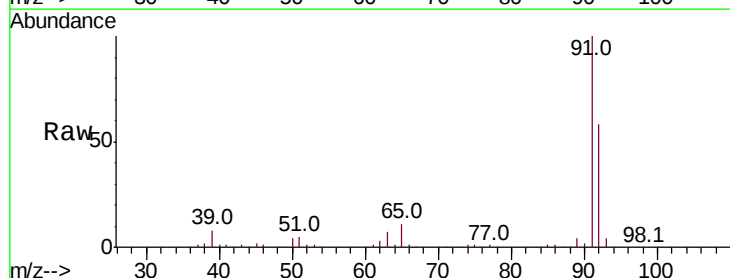
Acq: 20 May 2019 9:02

Tgt Ion: 92 Resp: 411581

Ion Ratio Lower Upper

92 100

91 172.7 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055660.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055660.D (-2591) (-)

10.16

400000

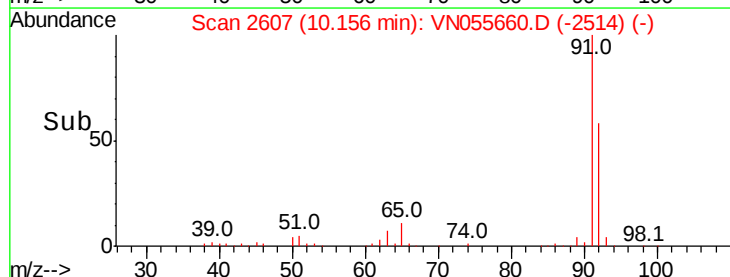
300000

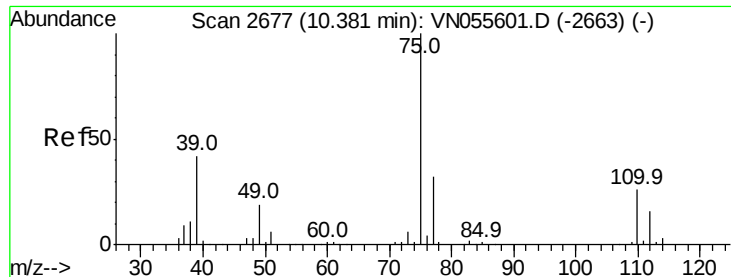
200000

100000

0

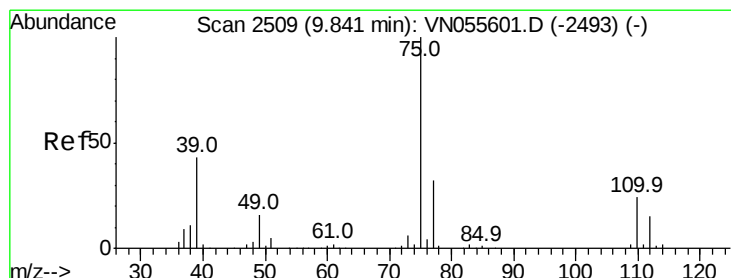
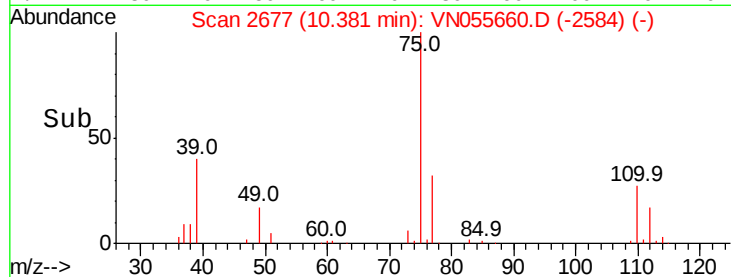
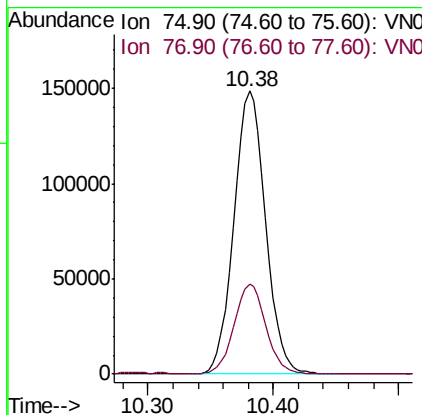
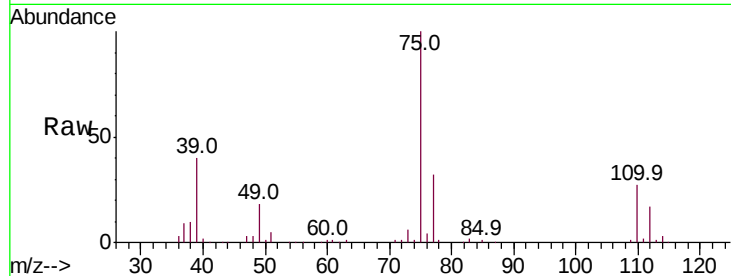
Time-->





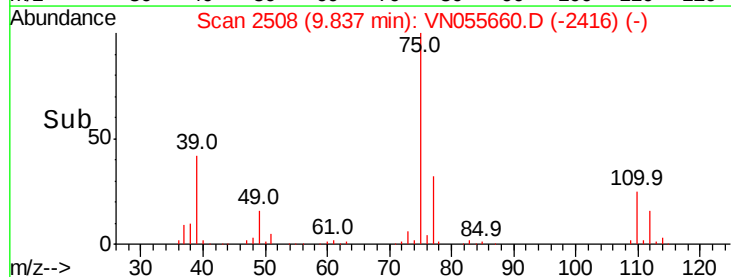
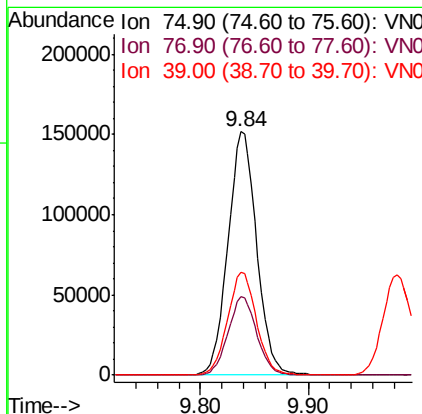
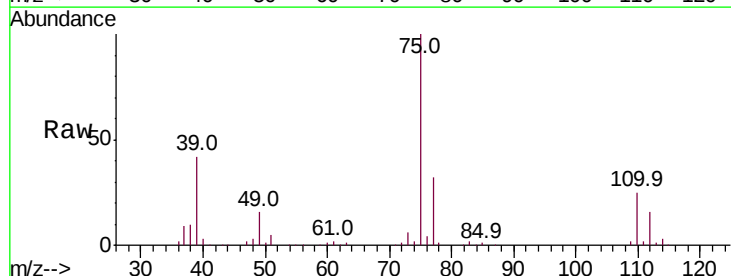
#53
 t-1,3-Dichloropropene
 Concen: 49.696 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

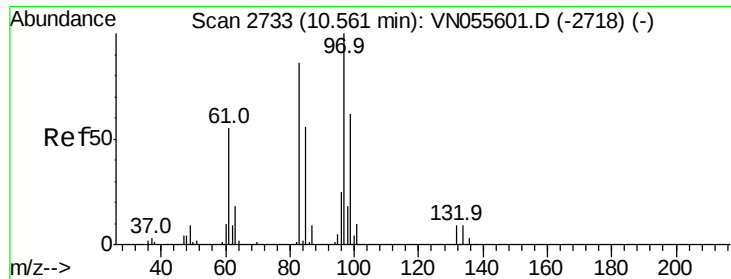
Tot Ion: 75 Resp: 260770
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.924 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

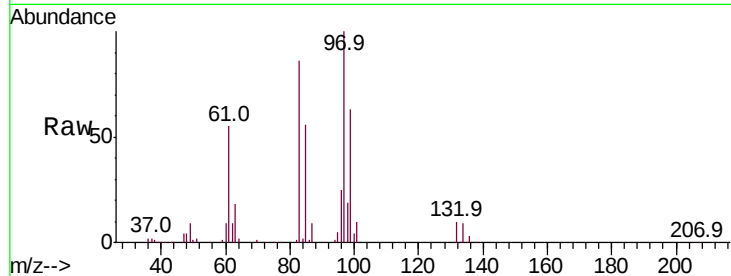
Tgt Ion: 75 Resp: 281237
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5
 39 42.2 34.7 52.1



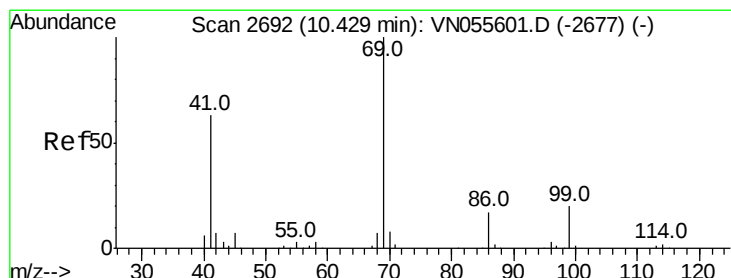
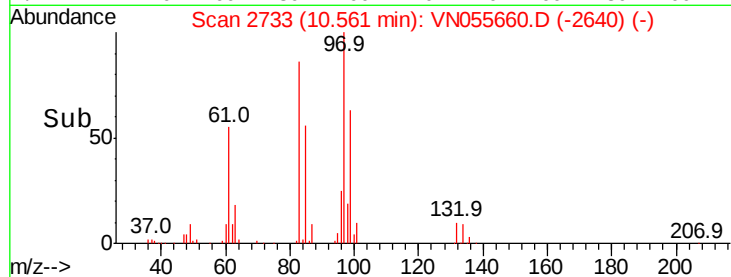
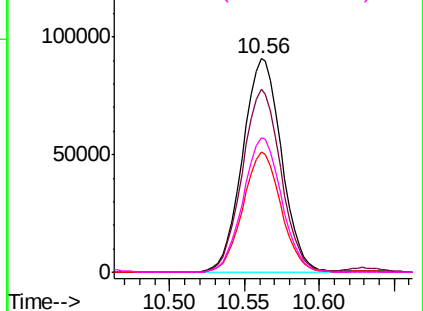


#55
 1,1,2-Trichloroethane
 Concen: 47.282 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tot Ion:	97	Resp:	164714
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	56.4	44.8	67.2
99	63.2	49.9	74.9

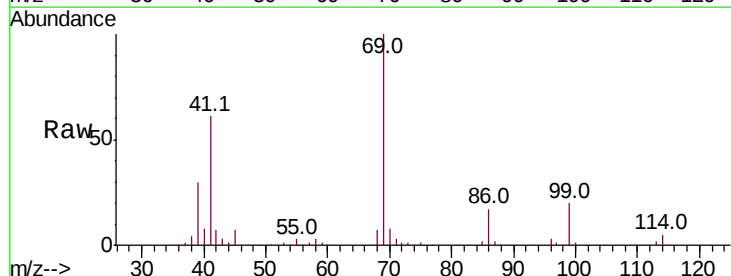


Abundance Ion 96.90 (96.60 to 97.60): VNC
 Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC
 Ion 98.90 (98.60 to 99.60): VNC

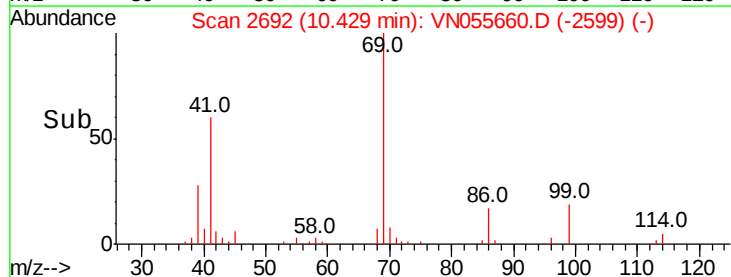
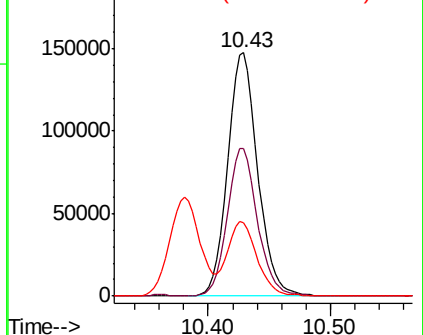


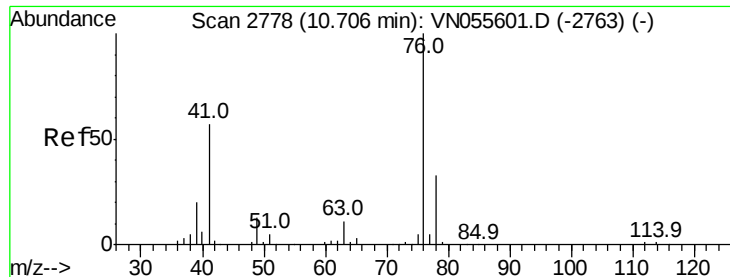
#56
 Ethyl methacrylate
 Concen: 46.700 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tgt Ion:	69	Resp:	253963
Ion	Ratio	Lower	Upper
69	100		
41	60.5	50.3	75.5
39	30.4	25.4	38.2



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





#57

1,3-Dichloropropane

Concen: 48.314 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055660.D

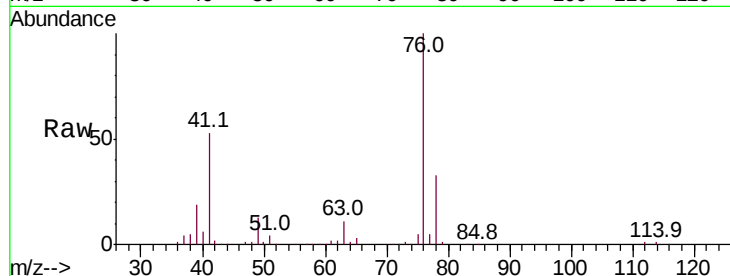
Acq: 20 May 2019 9:02

Tot Ion: 76 Resp: 266566

Ion Ratio Lower Upper

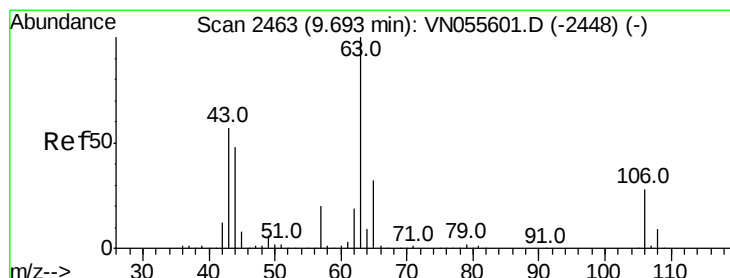
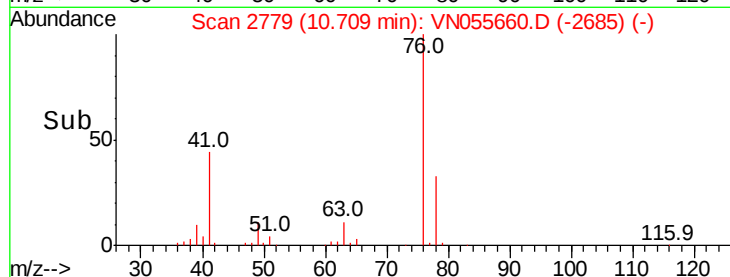
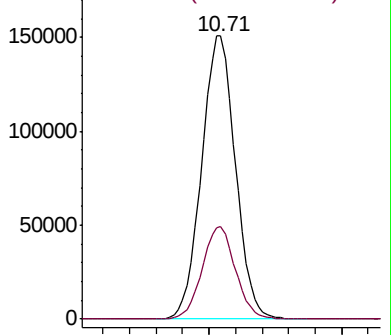
76 100

78 32.3 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: 232.963 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN055660.D

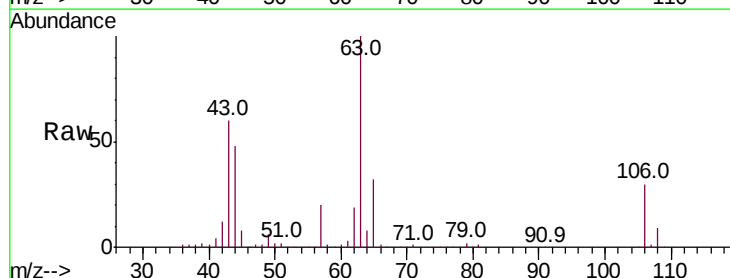
Acq: 20 May 2019 9:02

Tgt Ion: 63 Resp: 538298

Ion Ratio Lower Upper

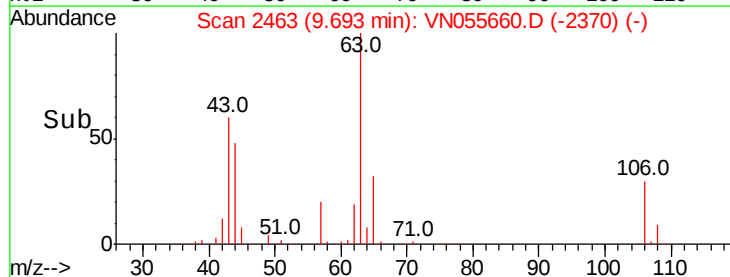
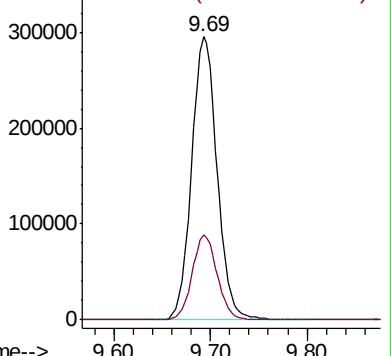
63 100

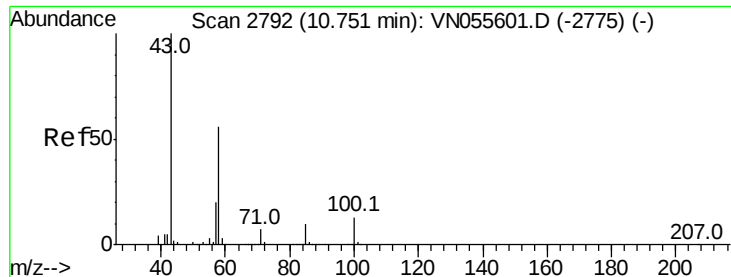
106 29.6 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

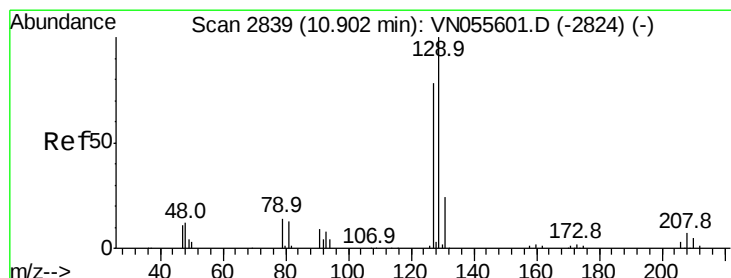
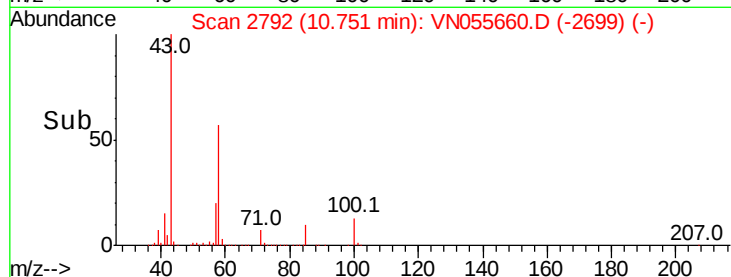
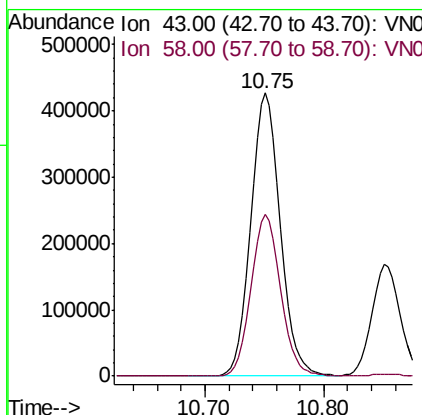
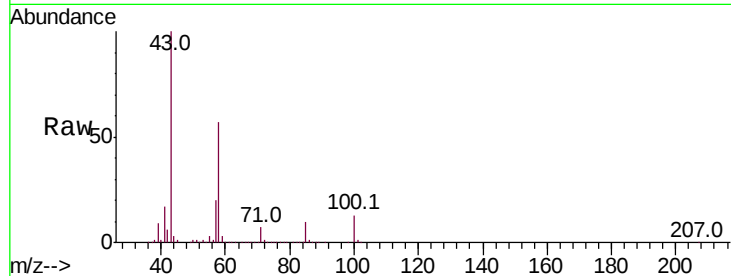
Ion 105.90 (105.60 to 106.60): V





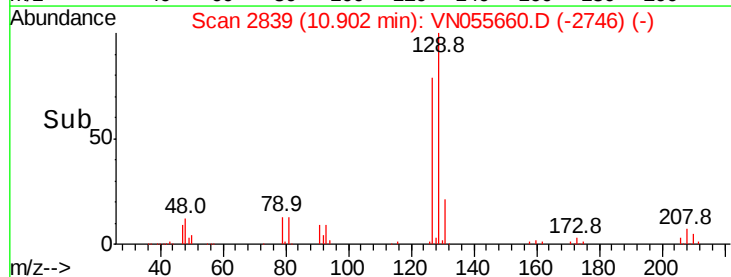
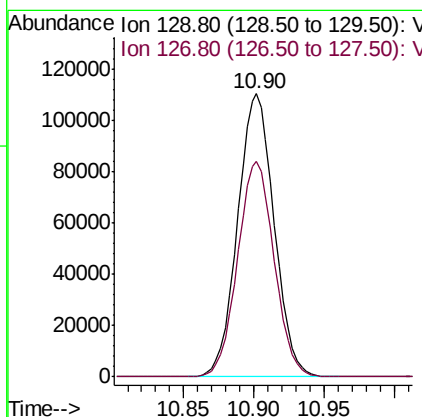
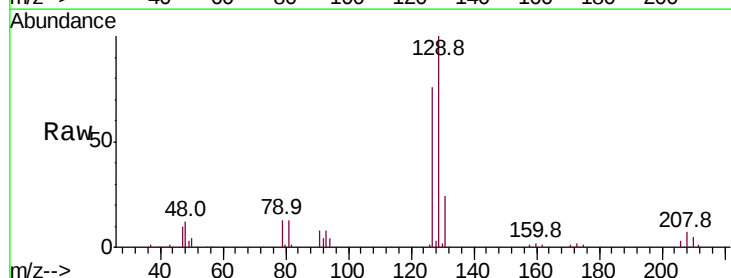
#59
2-Hexanone
Concen: 245.687 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

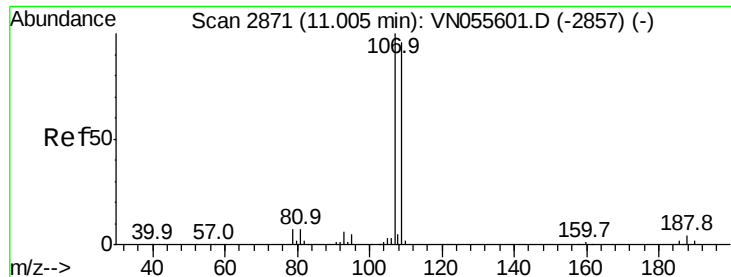
Tot Ion: 43 Resp: 730538
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.4



#60
Dibromochloromethane
Concen: 50.511 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

Tgt Ion: 129 Resp: 199431
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.303 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055660.D

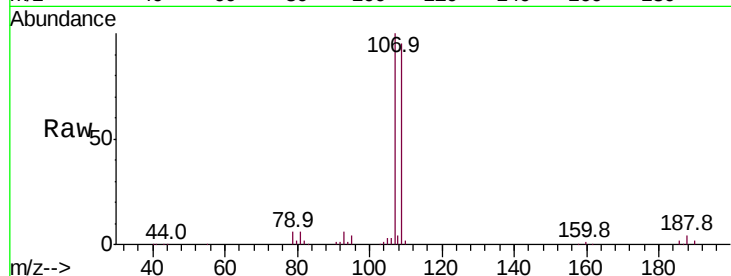
Acq: 20 May 2019 9:02

Tot Ion:107 Resp: 171851

Ion Ratio Lower Upper

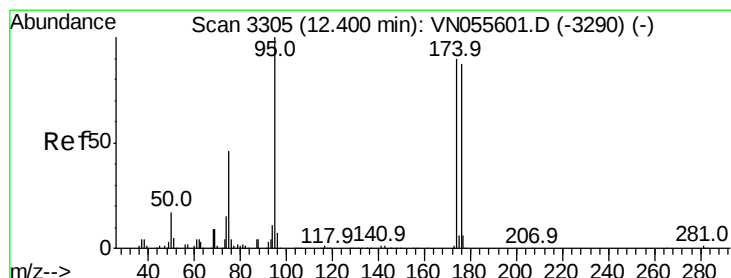
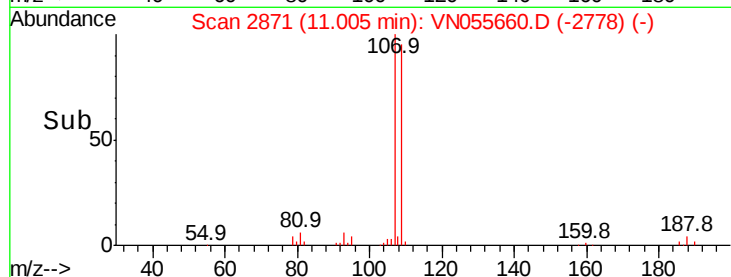
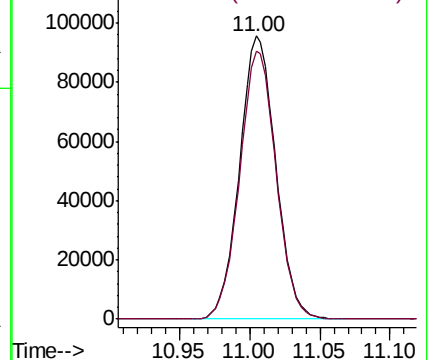
107 100

109 95.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.853 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

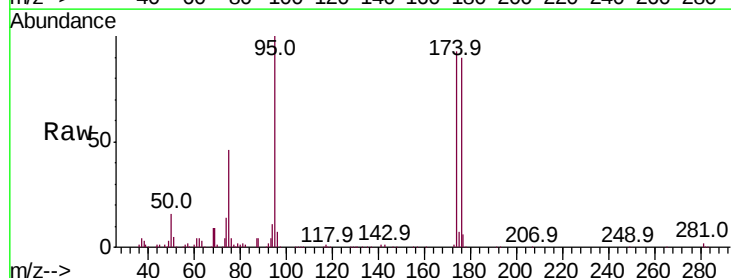
Tgt Ion: 95 Resp: 217000

Ion Ratio Lower Upper

95 100

174 93.9 0.0 180.6

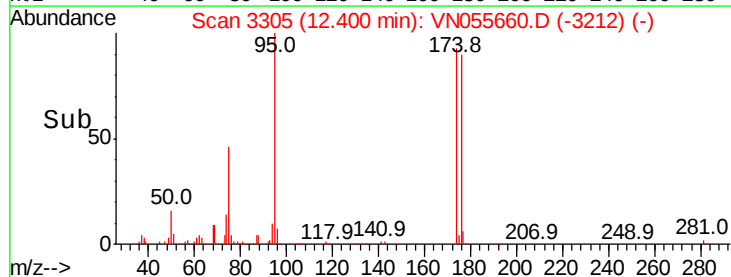
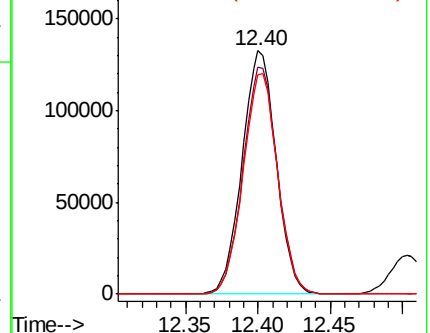
176 91.5 0.0 177.4

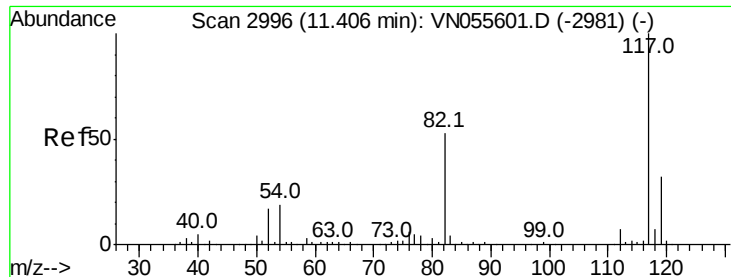


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

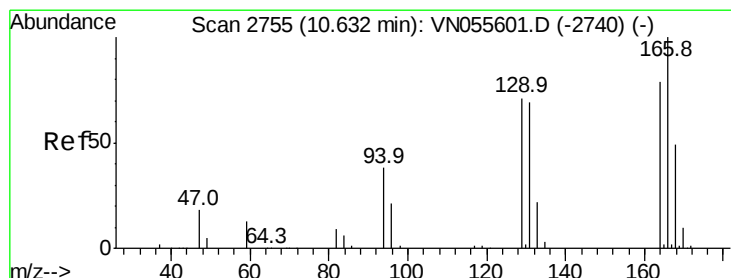
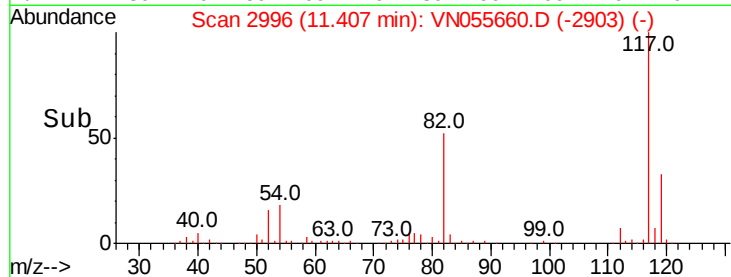
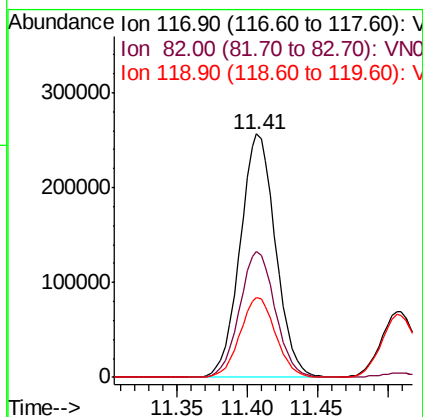
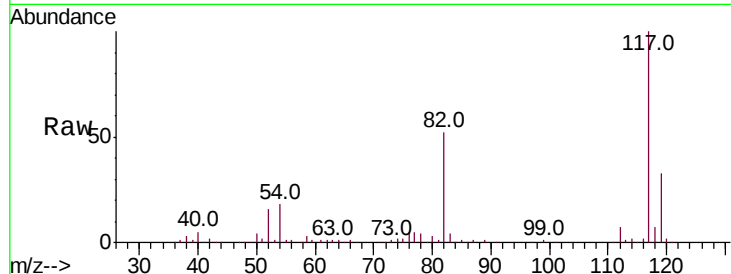
Ion 175.80 (175.50 to 176.50): V





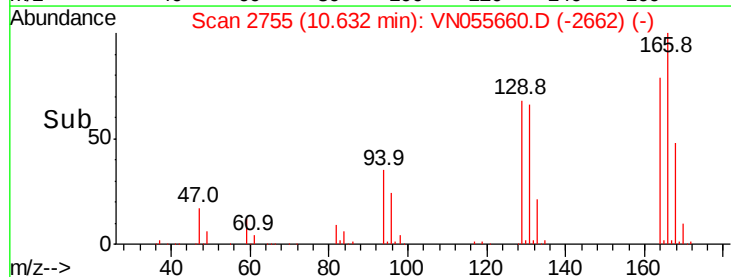
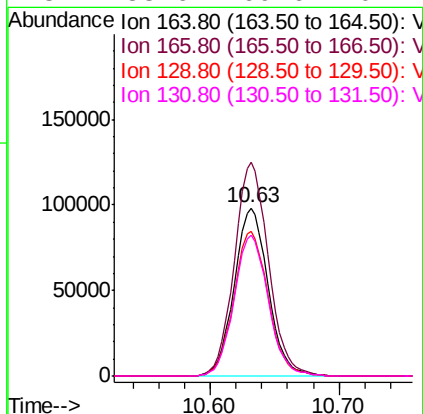
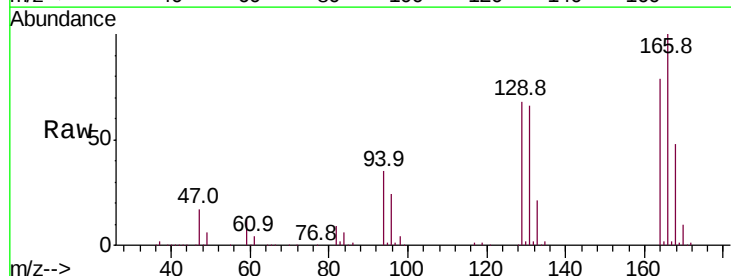
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

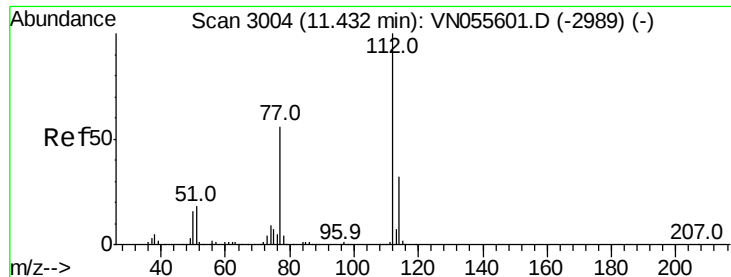
Tot Ion:117 Resp: 451994
Ion Ratio Lower Upper
117 100
82 51.7 42.3 63.5
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 50.295 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

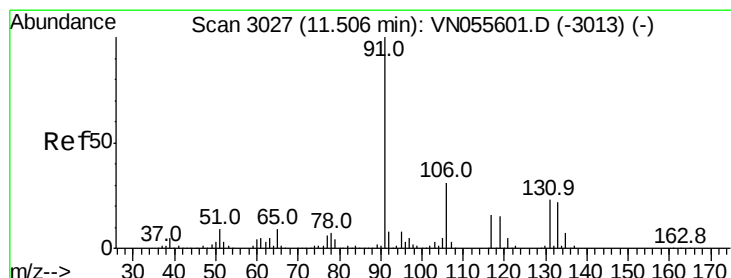
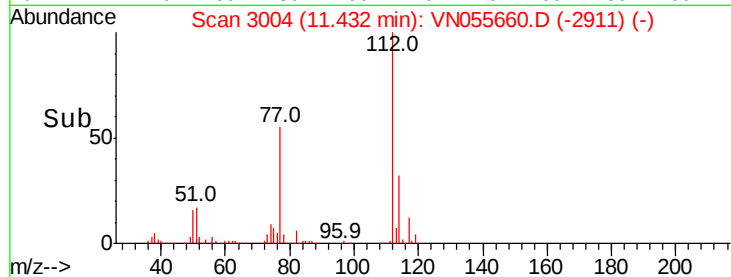
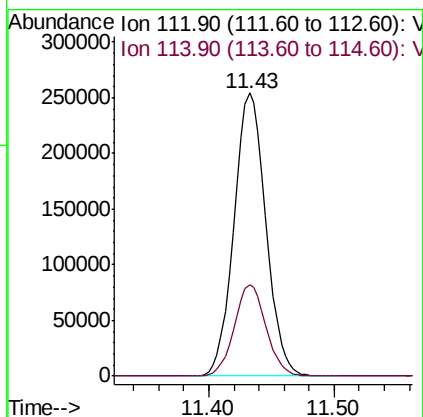
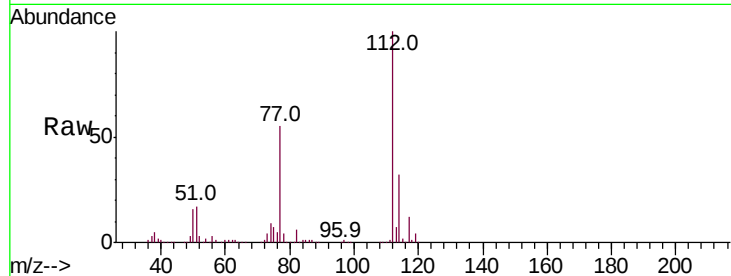
Tgt Ion:164 Resp: 179302
Ion Ratio Lower Upper
164 100
166 126.9 101.0 151.6
129 86.1 71.7 107.5
131 83.6 69.6 104.4





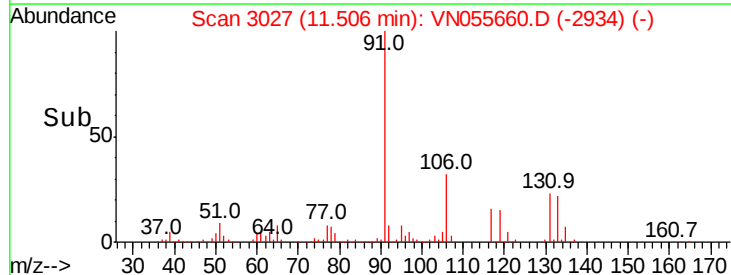
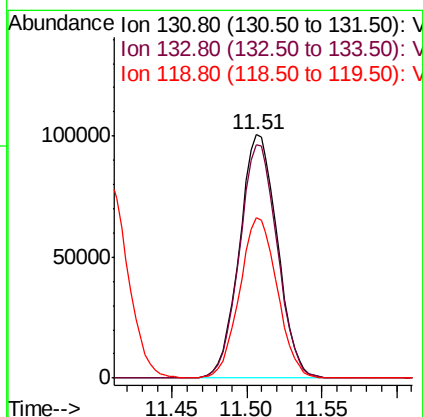
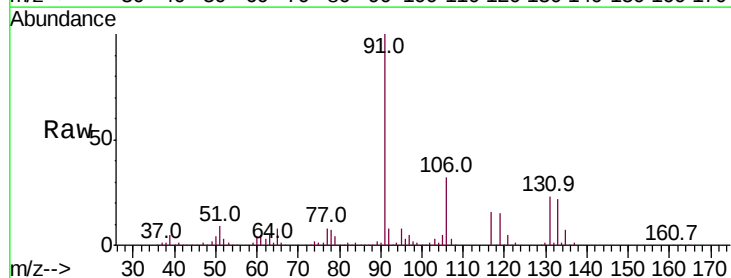
#65
Chlorobenzene
Concen: 49.007 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

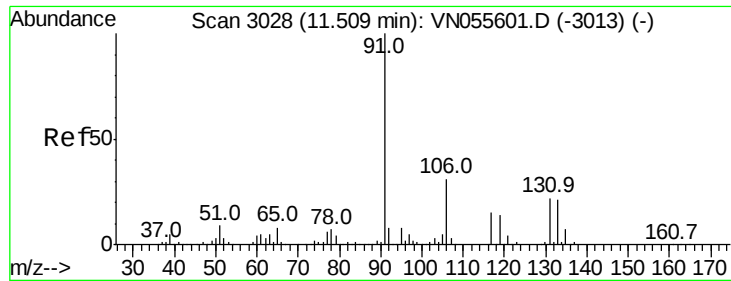
Tot Ion:112 Resp: 448025
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.375 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

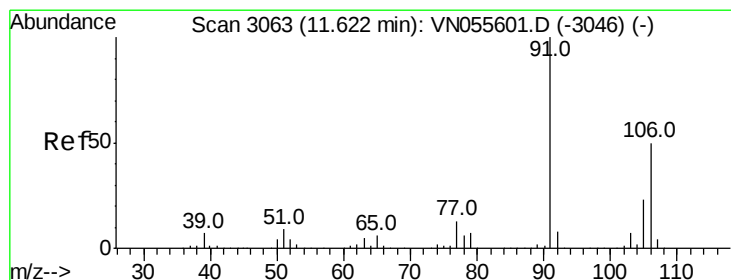
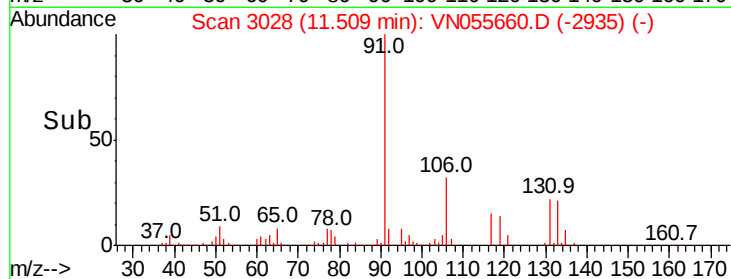
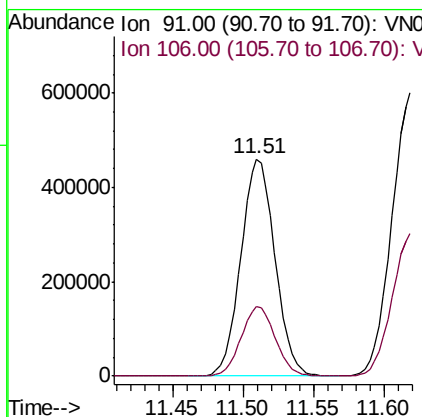
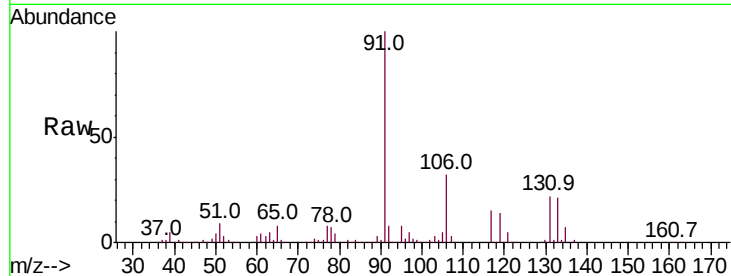
Tgt Ion:131 Resp: 177914
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 65.2 33.3 99.8





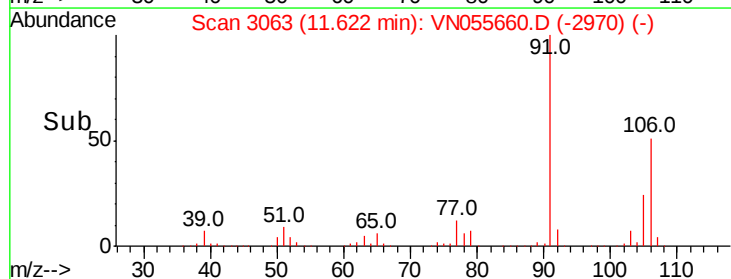
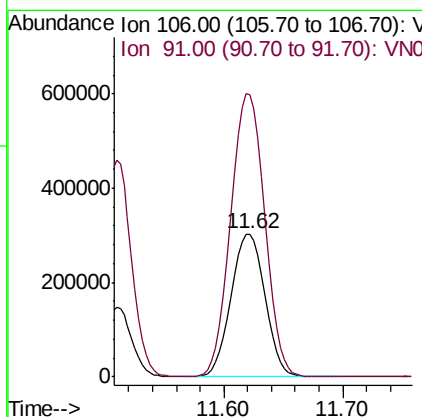
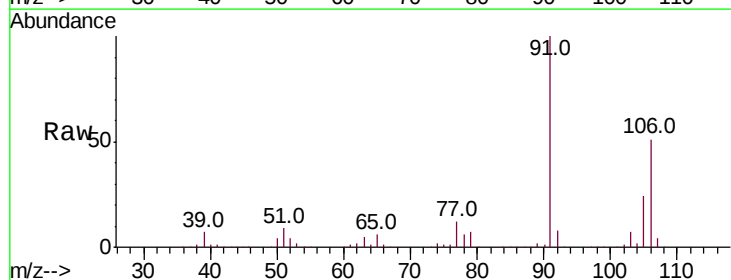
#67
Ethyl Benzene
Concen: 47.868 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

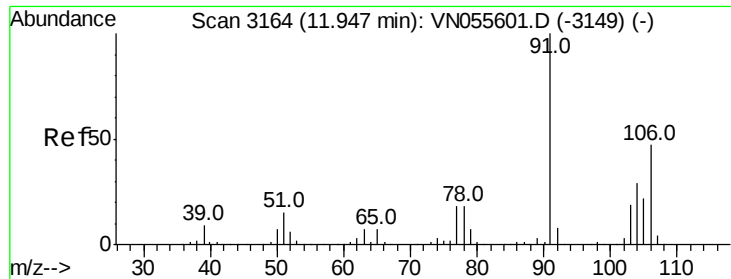
Tot Ion: 91 Resp: 779579
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8



#68
m/p-Xylenes
Concen: 97.755 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

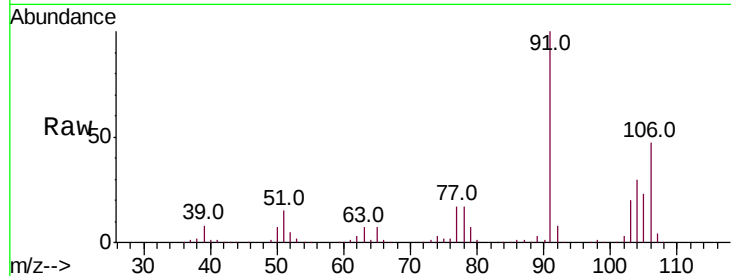
Tgt Ion: 106 Resp: 601209
Ion Ratio Lower Upper
106 100
91 198.1 160.5 240.7



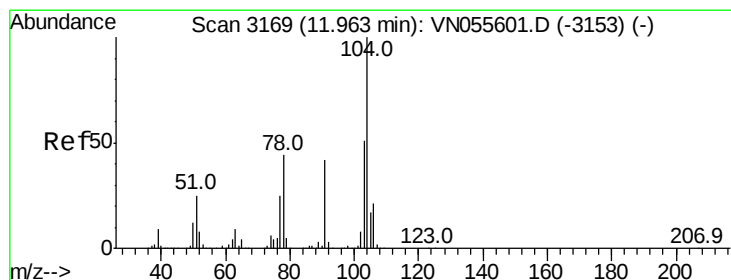
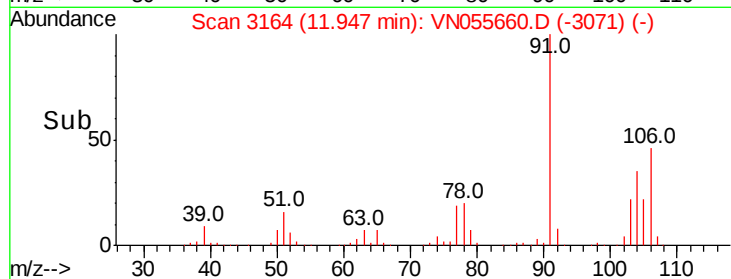
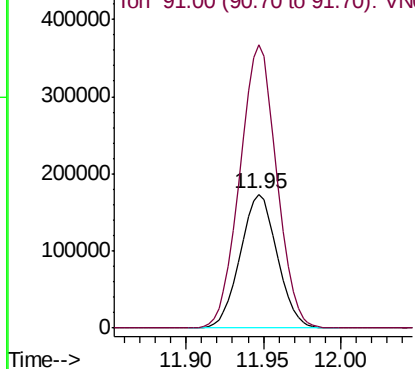


#69
o-Xylene
Concen: 48.031 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

Tot Ion:106 Resp: 288925
Ion Ratio Lower Upper
106 100
91 210.2 106.7 320.2

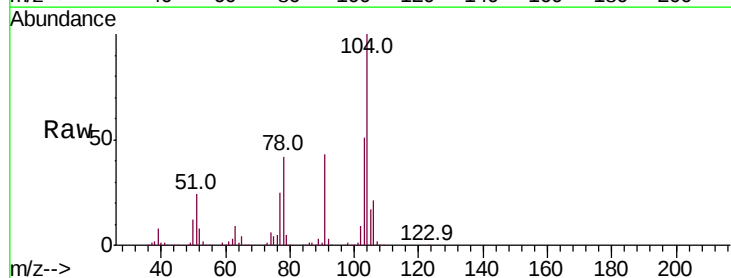


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

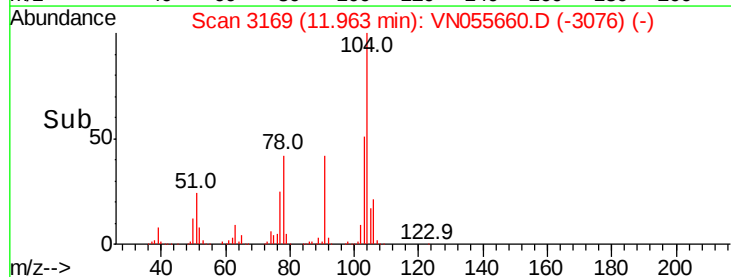
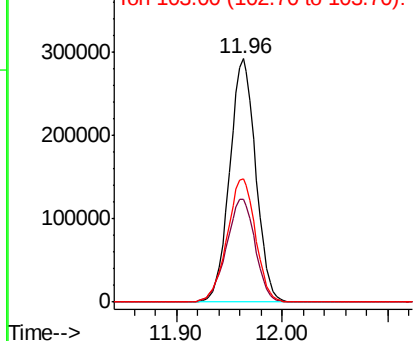


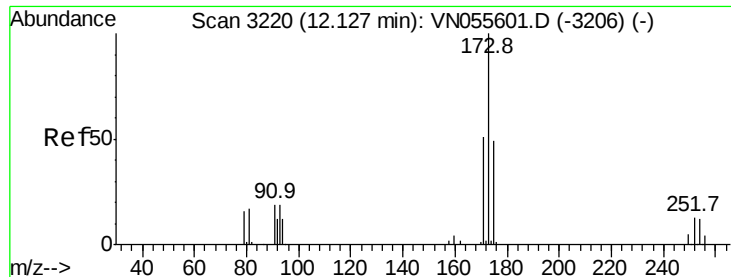
#70
Styrene
Concen: 49.729 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

Tgt Ion:104 Resp: 497378
Ion Ratio Lower Upper
104 100
78 46.7 38.6 58.0
103 55.1 44.4 66.6



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





#71

Bromoform

Concen: 51.718 ug/l

RT: 12.13 min Scan# 3220

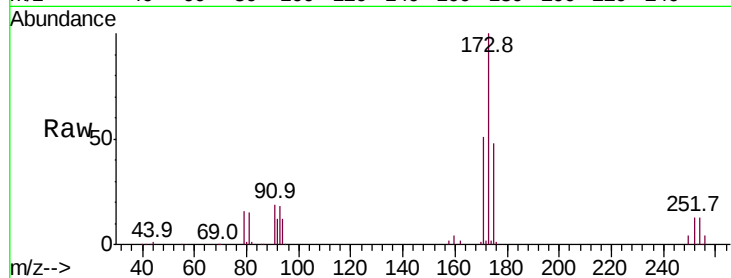
Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

Tot Ion:173 Resp: 161193

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.9
254	0.1	0.1	0.1

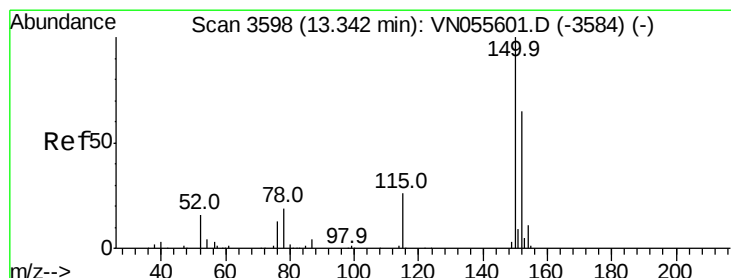
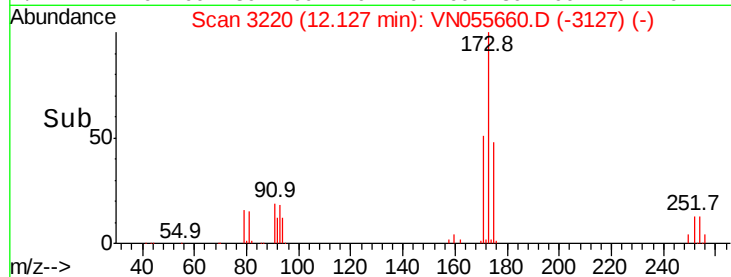
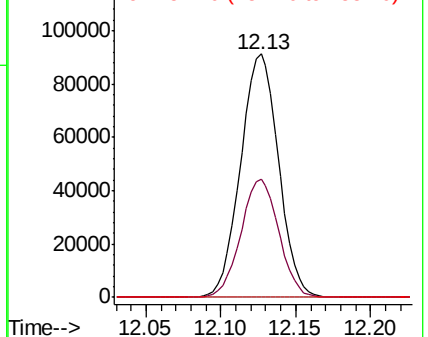


Abundance

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

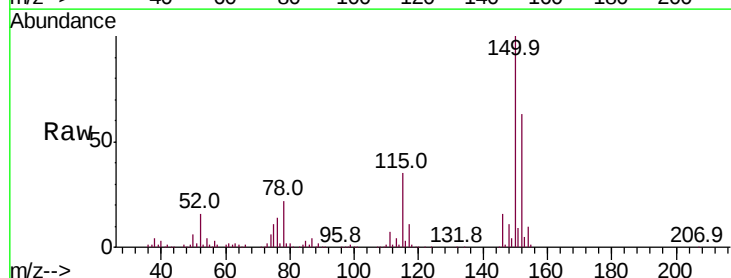
Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

Tgt Ion:152 Resp: 217597

Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.1	84.2
150	172.9	0.0	348.0

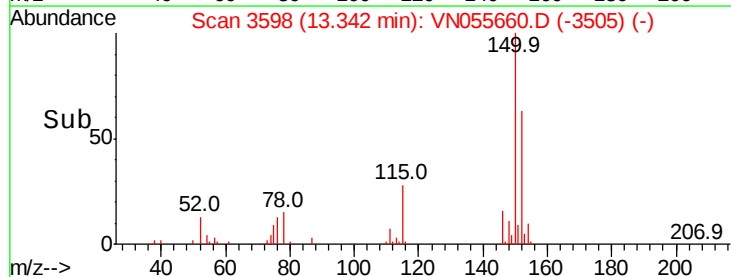
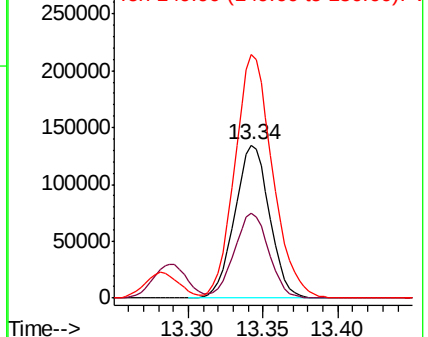


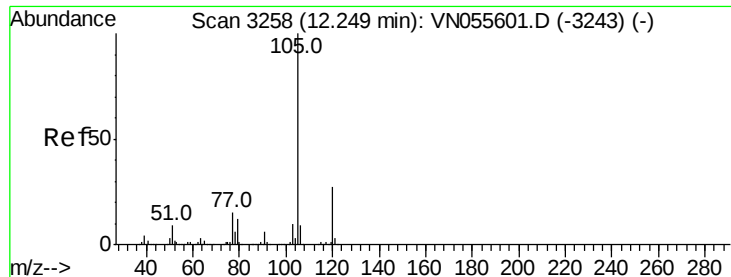
Abundance

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: 50.684 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055660.D

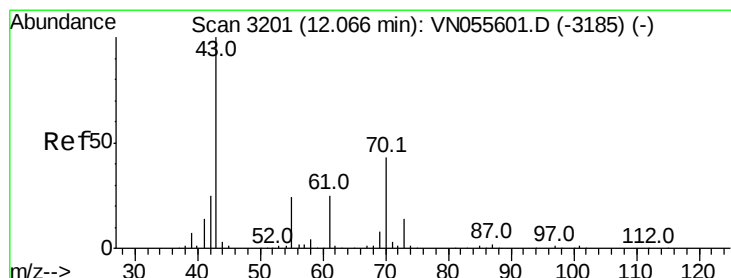
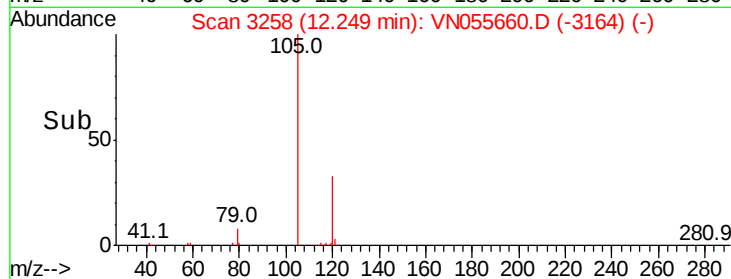
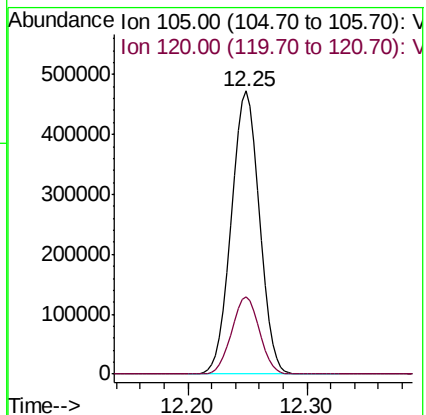
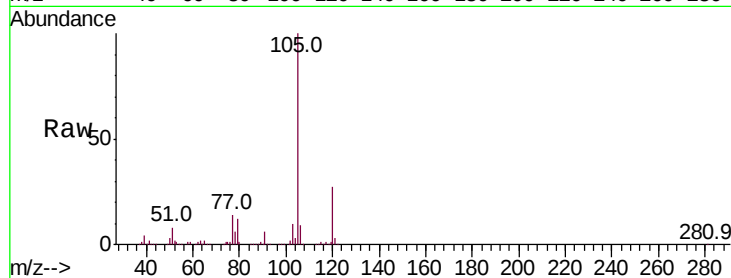
Acq: 20 May 2019 9:02

Tot Ion: 105 Resp: 773432

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 44.848 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

Tgt Ion: 43 Resp: 274023

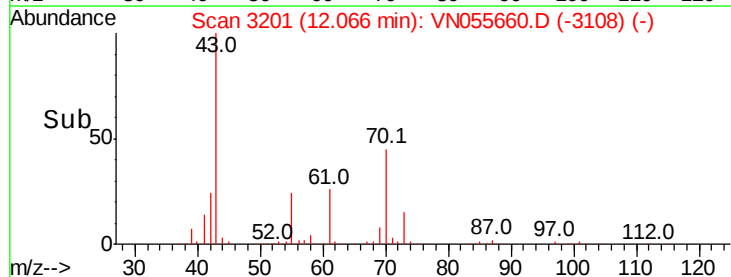
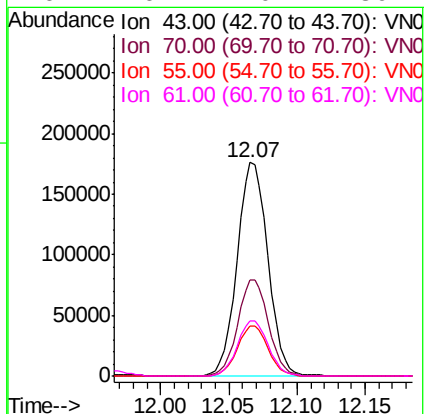
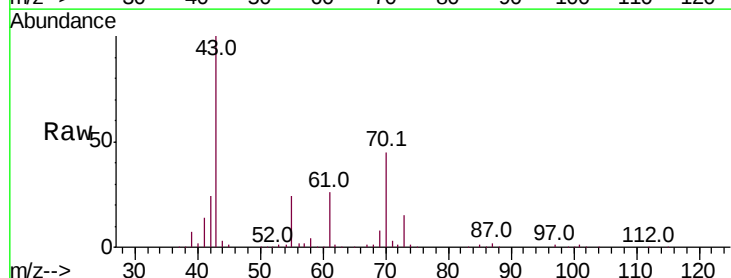
Ion Ratio Lower Upper

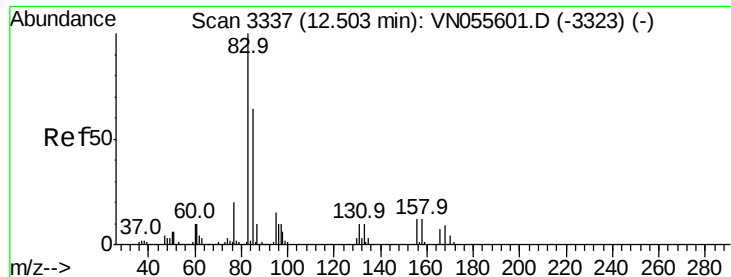
43 100

70 45.1 35.0 52.6

55 23.8 18.9 28.3

61 26.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.771 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

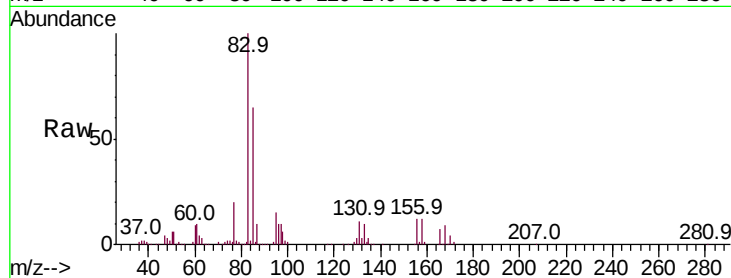
Tot Ion: 83 Resp: 228739

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.3	16.1
85	65.3	32.0	96.2

83 100

131 11.1 5.3 16.1

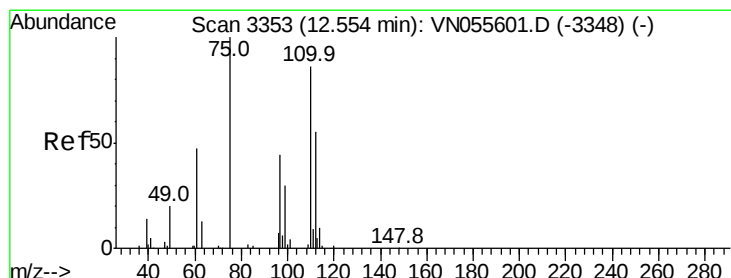
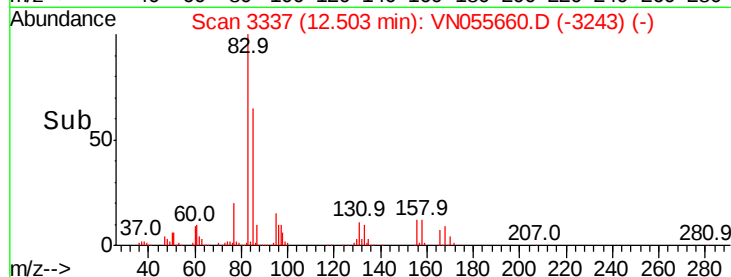
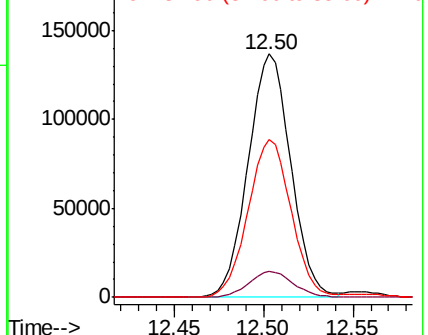
85 65.3 32.0 96.2



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: 42.954 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055660.D

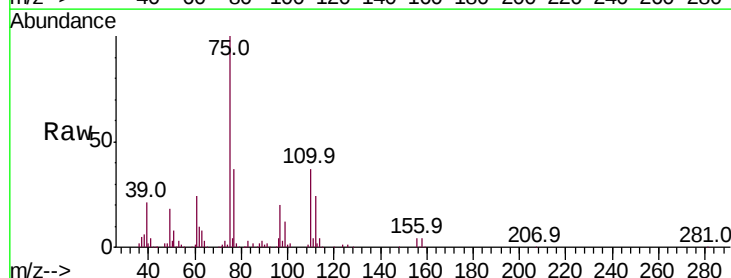
Acq: 20 May 2019 9:02

Tgt Ion: 75 Resp: 190722

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

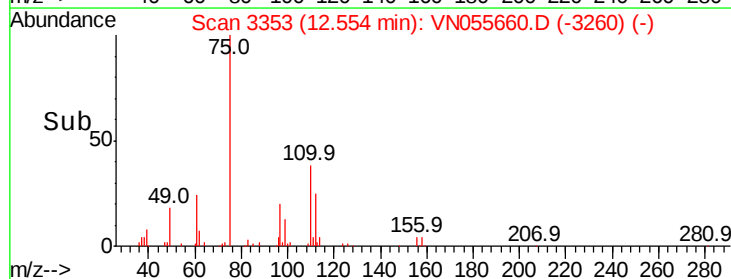
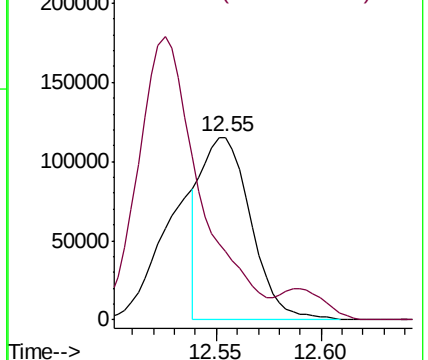
75 100

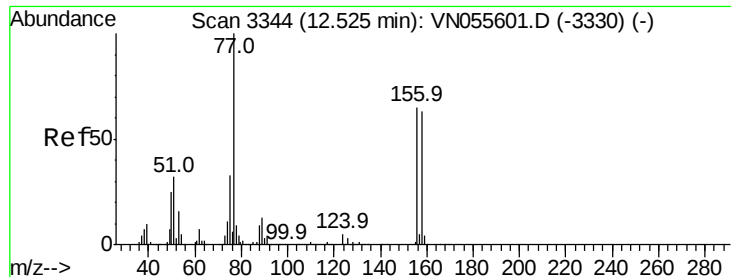
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 46.326 ug/l

RT: 12.53 min Scan# 3344

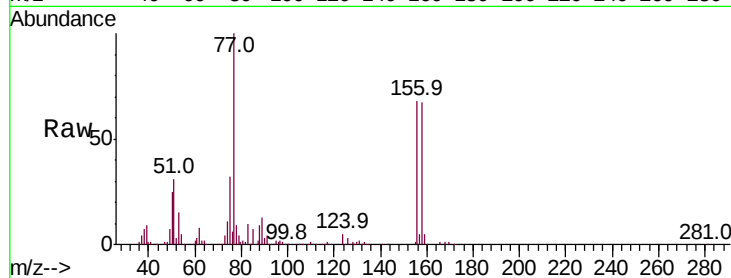
Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

Tot Ion:156 Resp: 207023

Ion	Ratio	Lower	Upper
156	100		
77	178.5	94.5	283.5
158	97.7	49.0	147.2

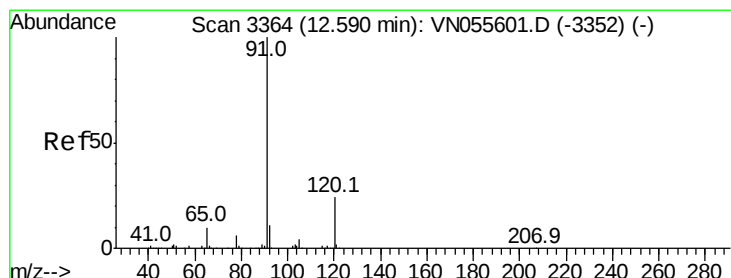
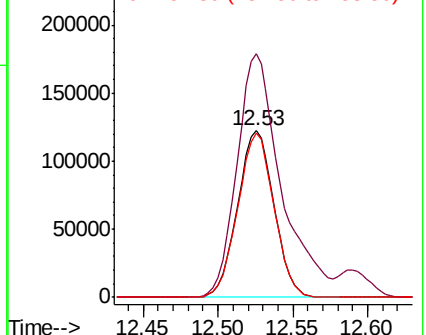
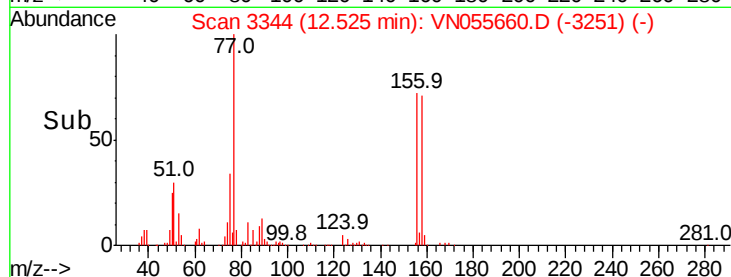


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.490 ug/l

RT: 12.59 min Scan# 3364

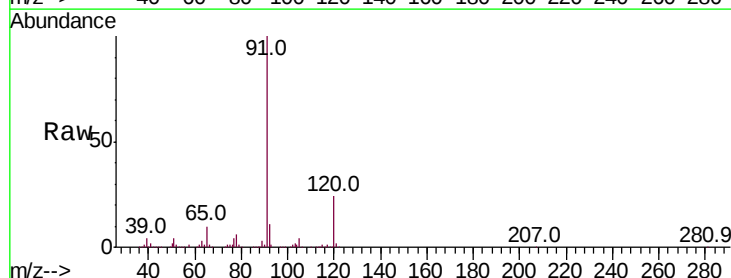
Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

Tgt Ion: 91 Resp: 859695

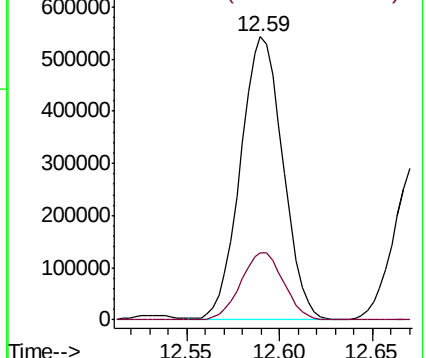
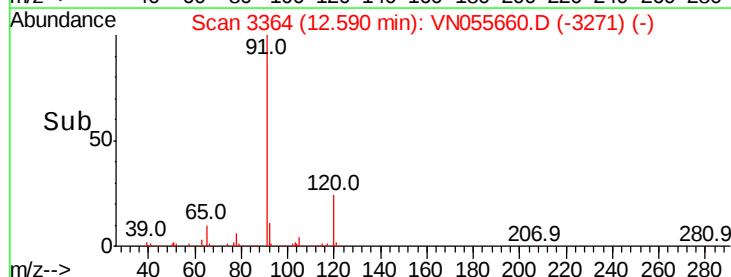
Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.9	35.5

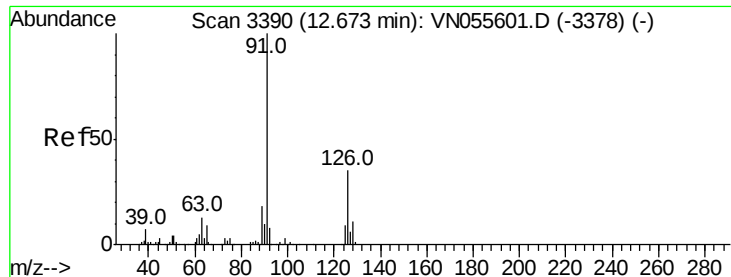


Abundance

Ion 91.00 (90.70 to 91.70): VN0

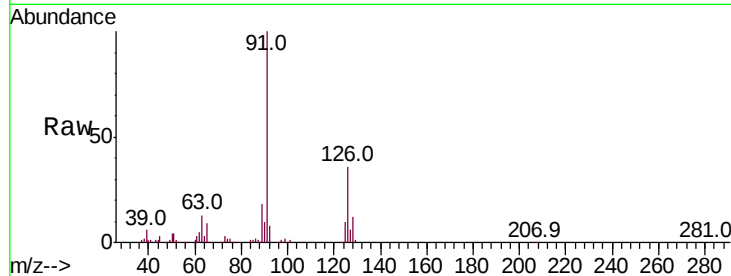
Ion 120.00 (119.70 to 120.70): V



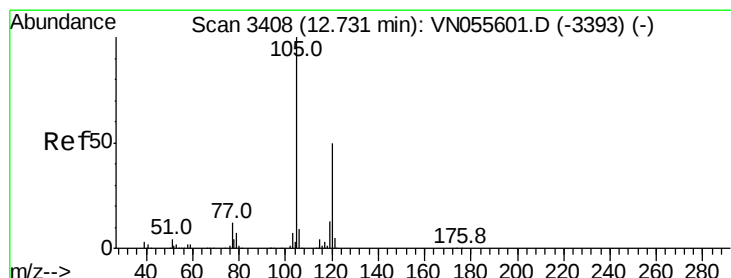
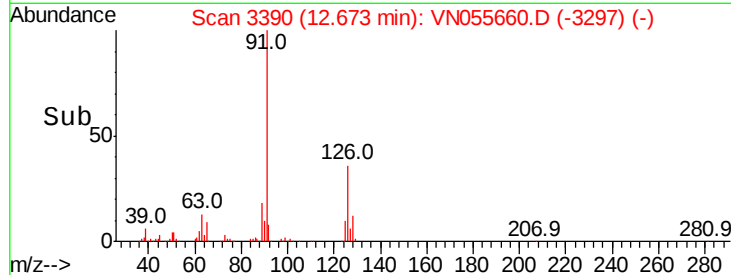
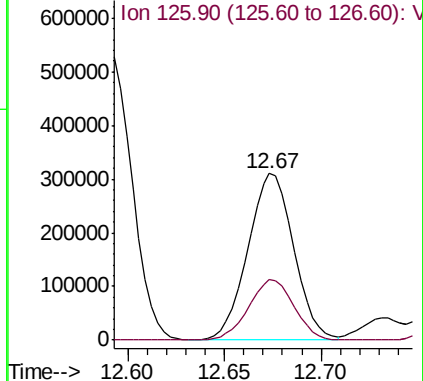


#79
 2-Chlorotoluene
 Concen: 49.261 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tot Ion: 91 Resp: 509683
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.8 53.4

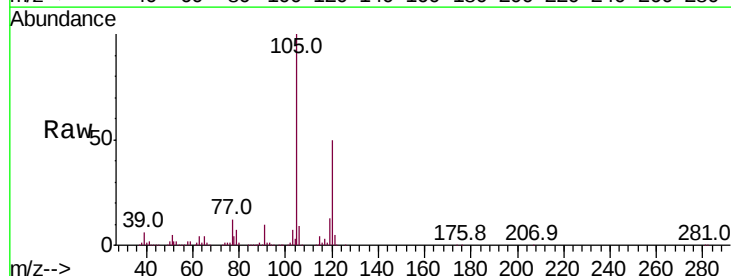


Abundance Ion 91.00 (90.70 to 91.70): VN055660.D (-3397) (-)
 Ion 125.90 (125.60 to 126.60): VN055660.D (-3397) (-)

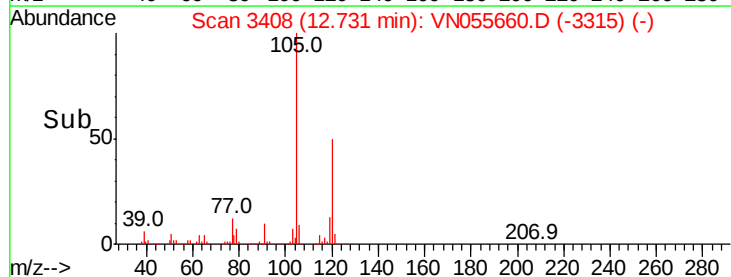
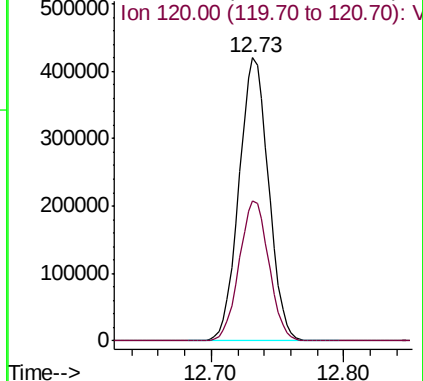


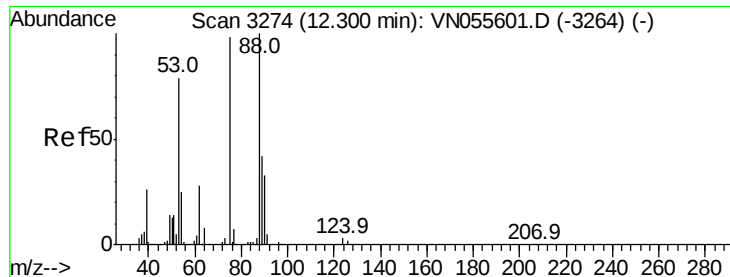
#80
 1,3,5-Trimethylbenzene
 Concen: 49.829 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

Tgt Ion: 105 Resp: 650086
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055660.D (-3415) (-)
 Ion 120.00 (119.70 to 120.70): VN055660.D (-3415) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.744 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

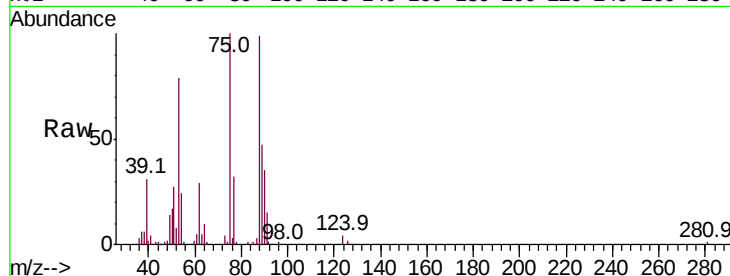
Tot Ion: 75 Resp: 79013

Ion	Ratio	Lower	Upper
75	100		
53	78.1	65.1	97.7
89	46.3	36.4	54.6

75 100

53 78.1 65.1 97.7

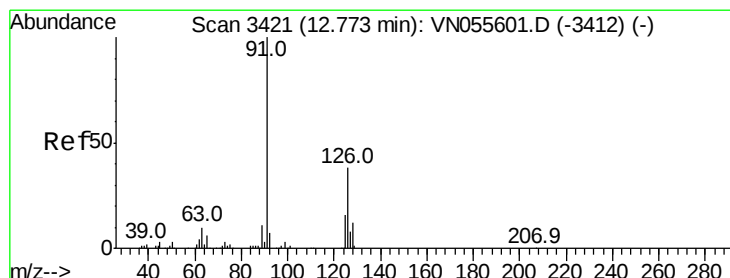
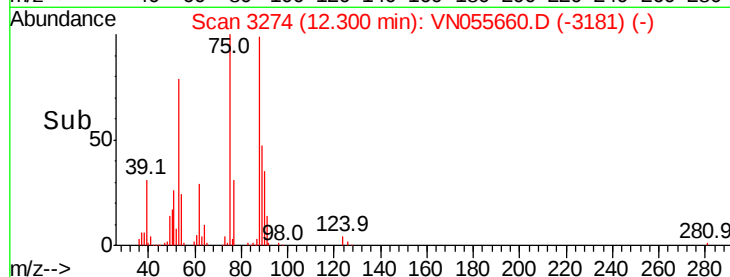
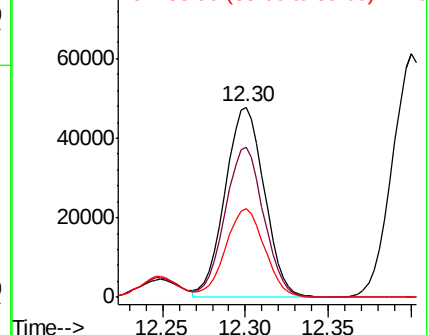
89 46.3 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 45.028 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055660.D

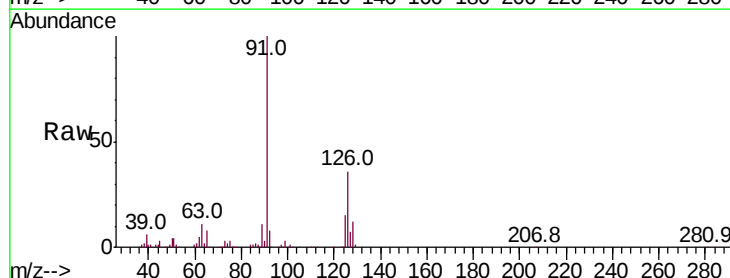
Acq: 20 May 2019 9:02

Tgt Ion: 91 Resp: 512653

Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.5	52.6

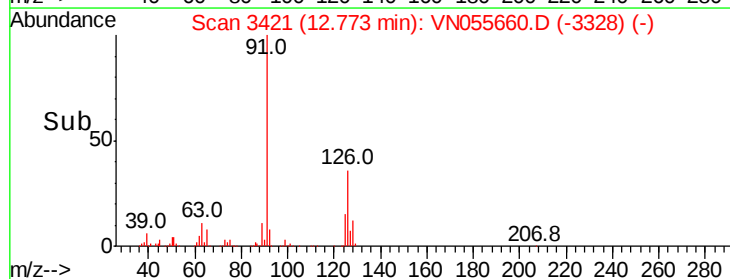
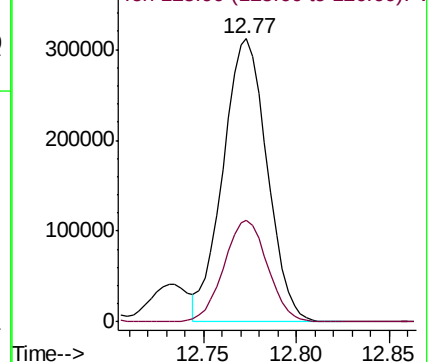
91 100

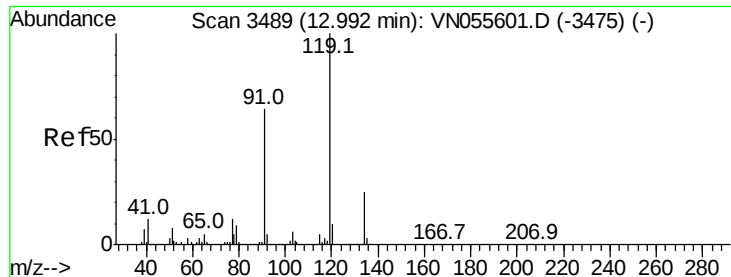
126 35.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.317 ug/l

RT: 12.99 min Scan# 3489

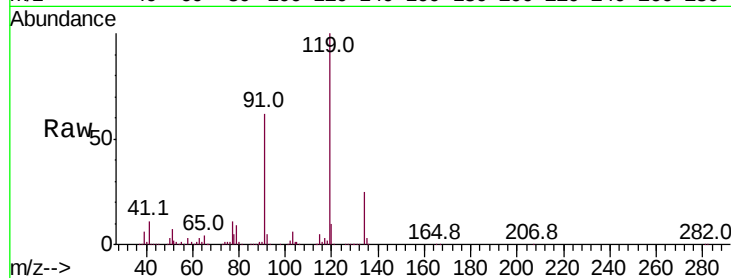
Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

Tot Ion:119 Resp: 567490

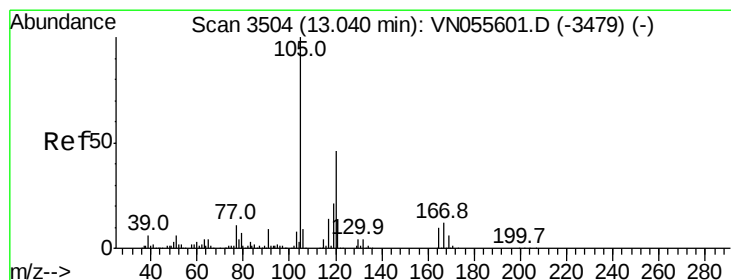
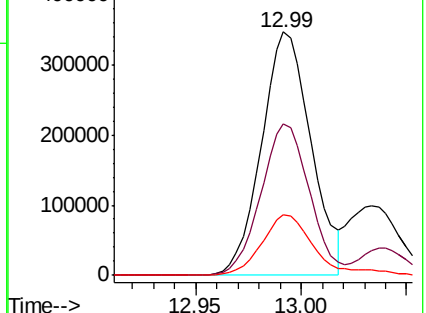
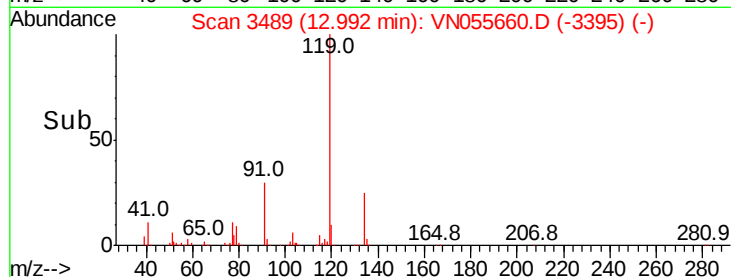
Ion	Ratio	Lower	Upper
119	100		
91	60.9	31.3	93.8
134	26.3	13.2	39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.779 ug/l

RT: 13.04 min Scan# 3504

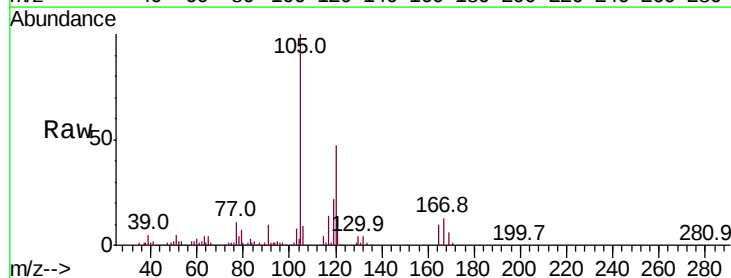
Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

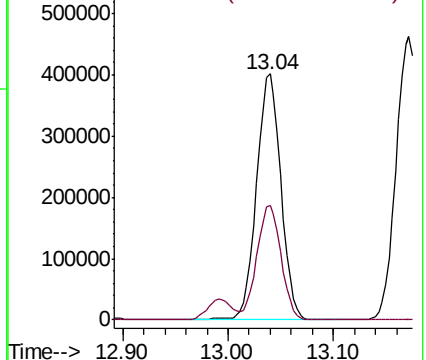
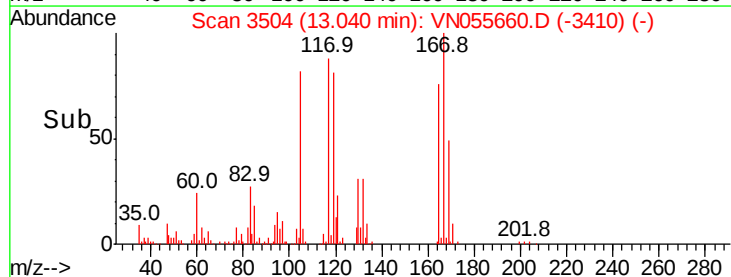
Tgt Ion:105 Resp: 648464

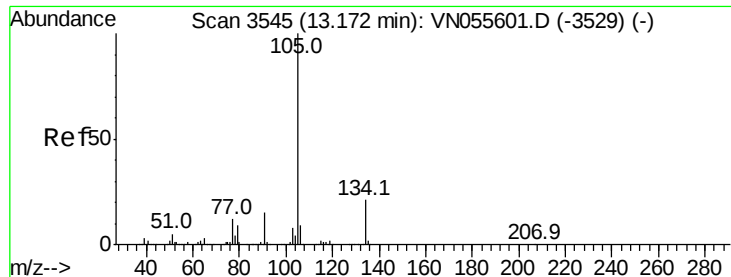
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.804 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055660.D

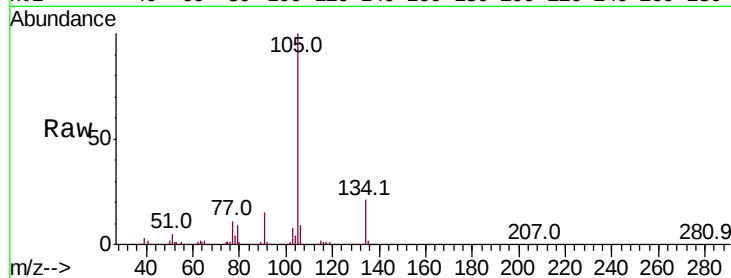
Acq: 20 May 2019 9:02

Tot Ion:105 Resp: 738564

Ion Ratio Lower Upper

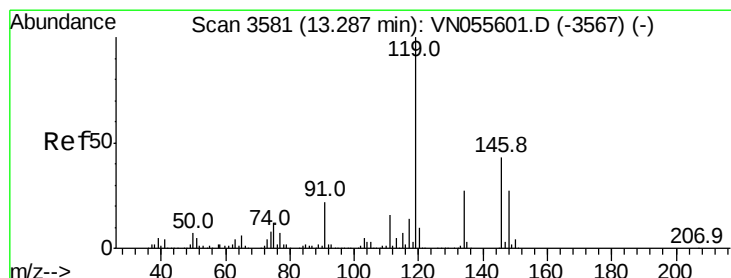
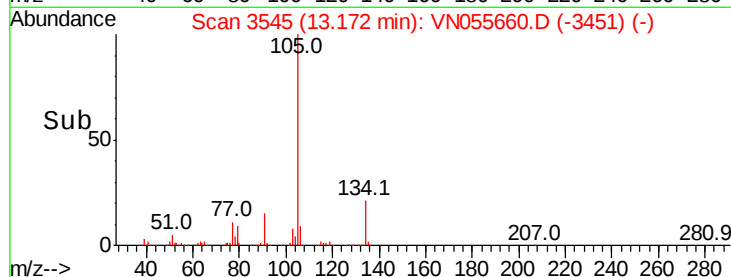
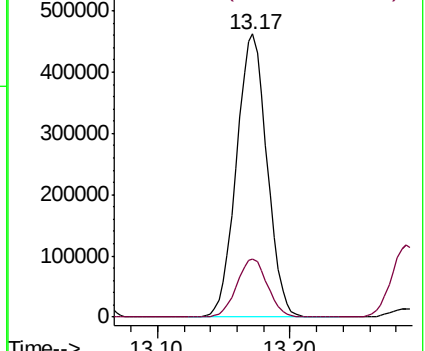
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.233 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

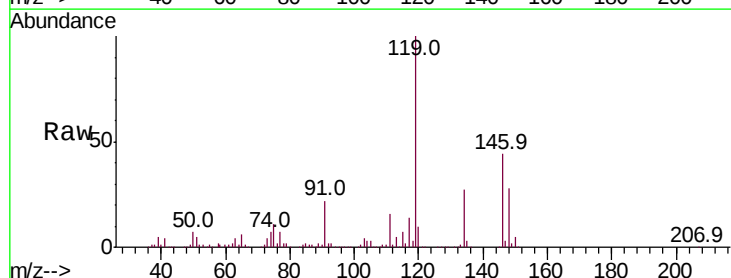
Tgt Ion:119 Resp: 680259

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

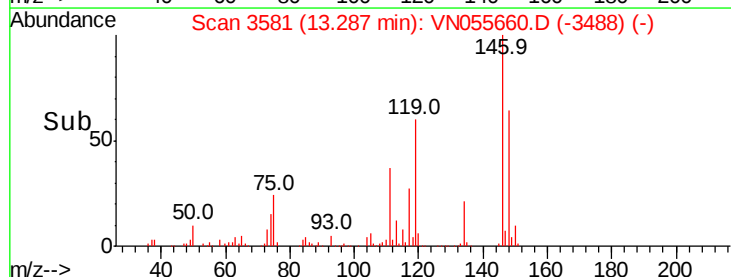
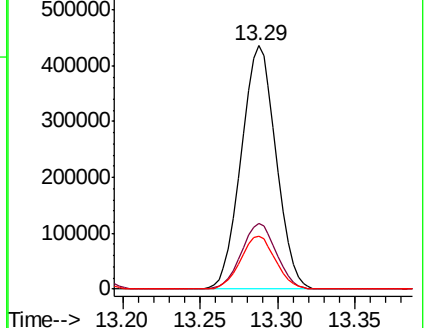
91 21.8 11.0 33.0

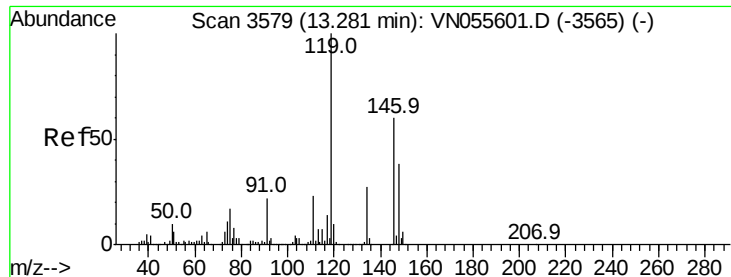


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.914 ug/l

RT: 13.28 min Scan# 3579

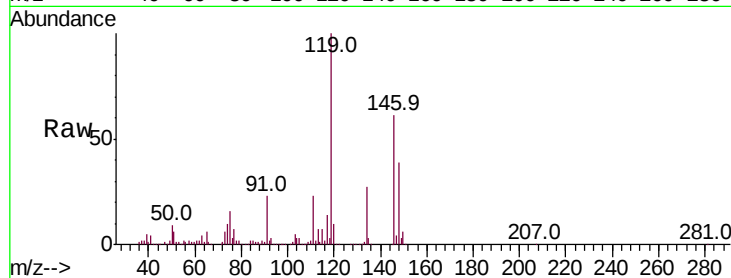
Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

Tot Ion:146 Resp: 354029

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	64.2	31.9	95.9

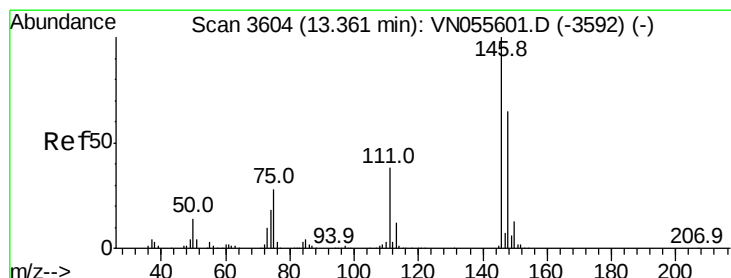
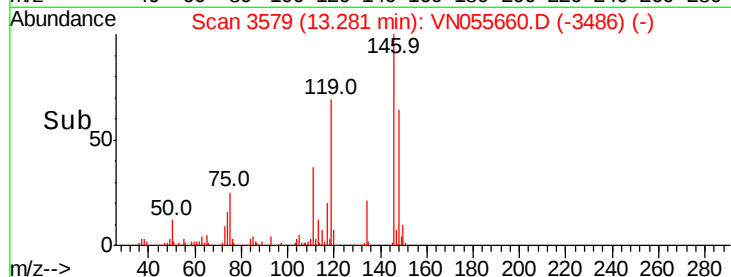
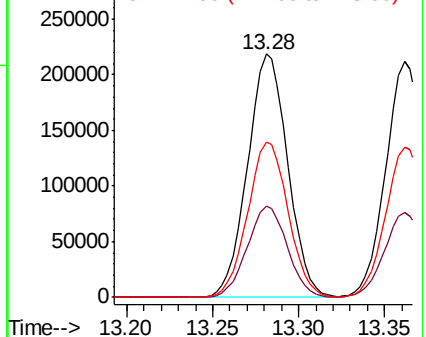


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.900 ug/l

RT: 13.36 min Scan# 3604

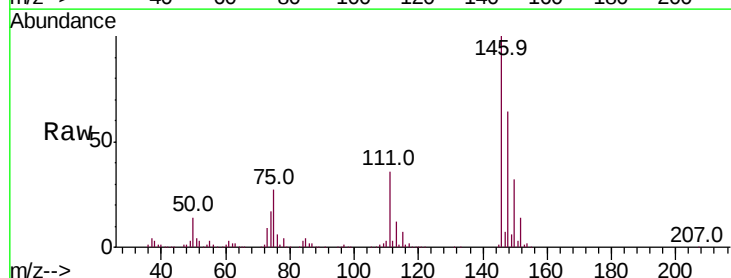
Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

Tgt Ion:146 Resp: 344989

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.8	56.4
148	64.7	32.4	97.0

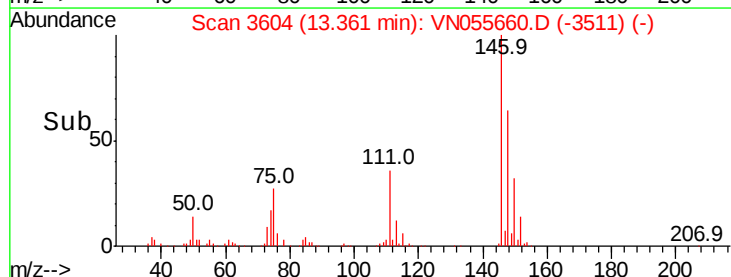
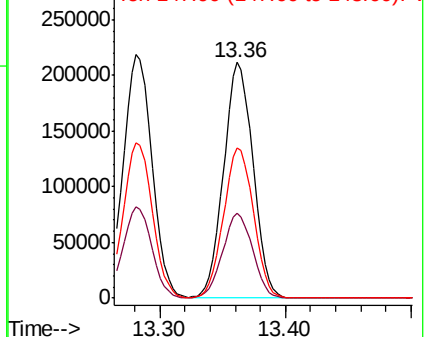


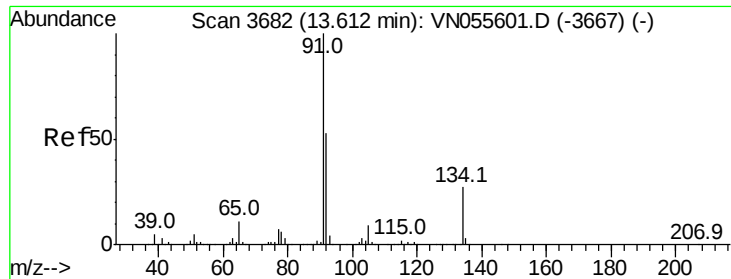
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

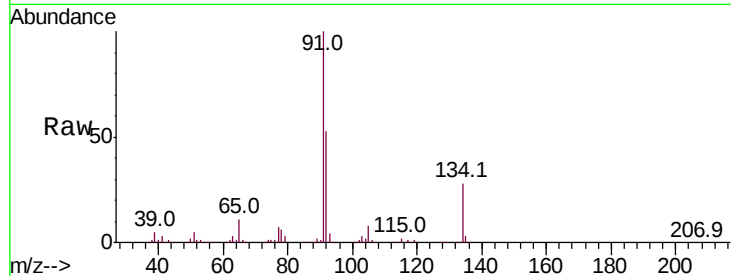
Ion 147.90 (147.60 to 148.60): V



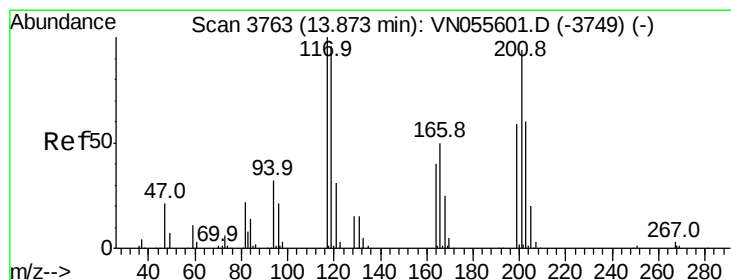
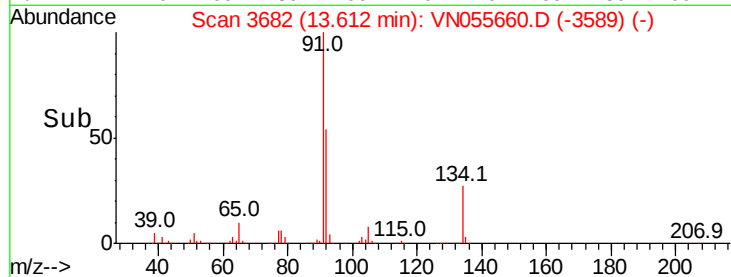
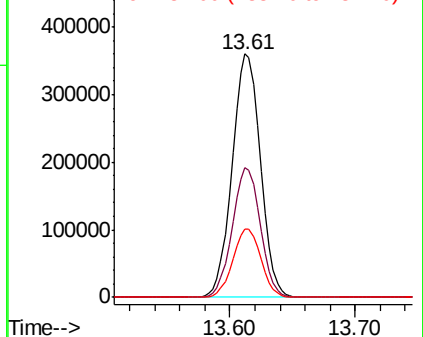


#89
n-Butylbenzene
Concen: 47.175 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

Tot Ion: 91 Resp: 563288
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 28.0 13.7 41.1

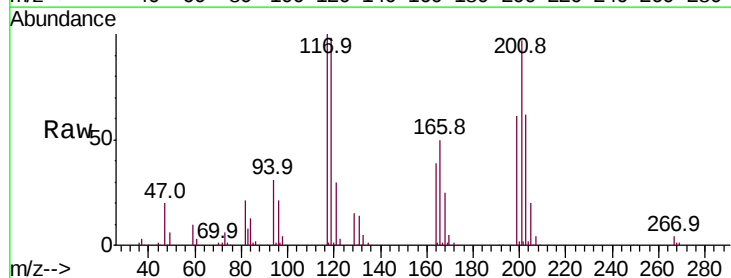


Abundance Ion 91.00 (90.70 to 91.70): VN055660.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN055660.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN055660.D (-3667) (-)

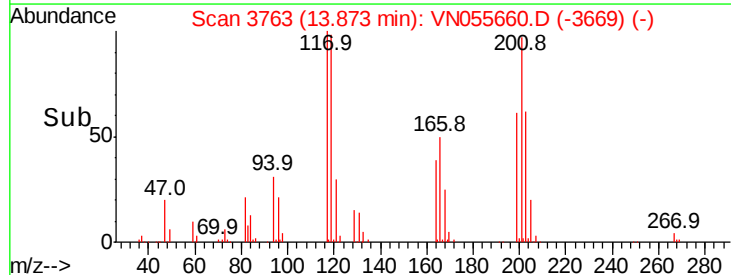
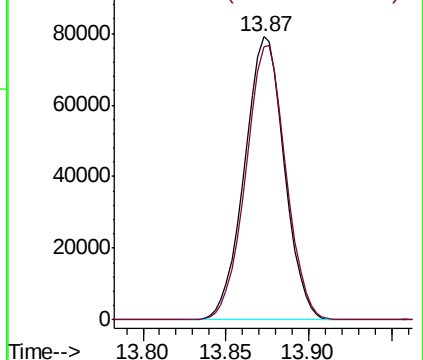


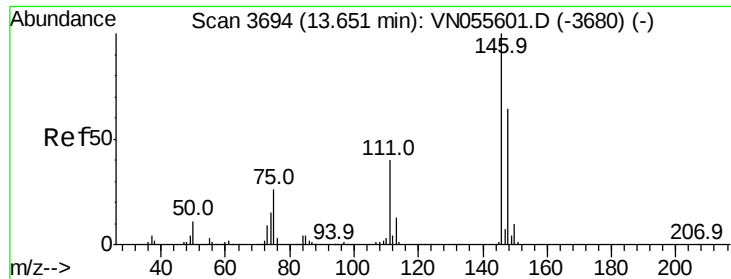
#90
Hexachloroethane
Concen: 51.106 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

Tgt Ion: 117 Resp: 132128
Ion Ratio Lower Upper
117 100
201 97.4 47.1 141.3



Abundance Ion 116.80 (116.50 to 117.50): VN055660.D (-3669) (-)
Ion 200.70 (200.40 to 201.40): VN055660.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 47.048 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

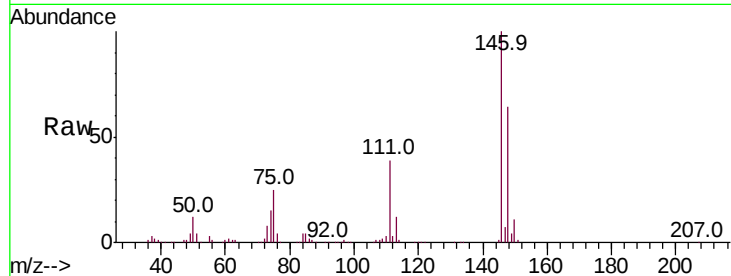
Tot Ion:146 Resp: 346534

Ion Ratio Lower Upper

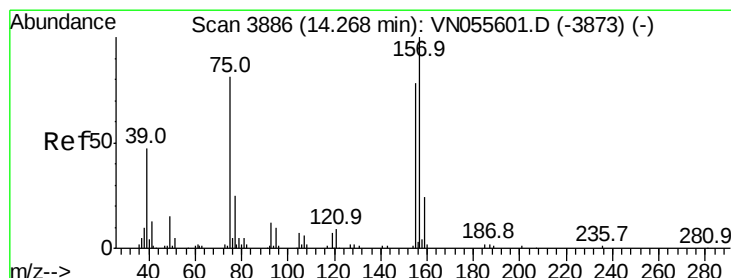
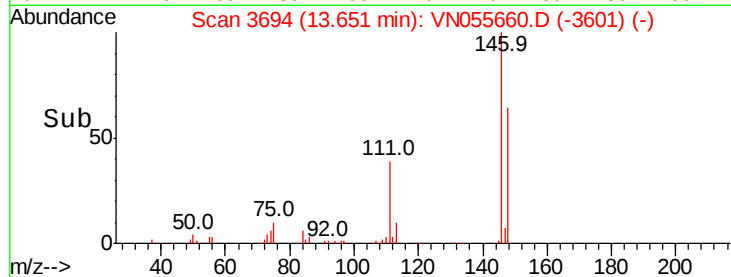
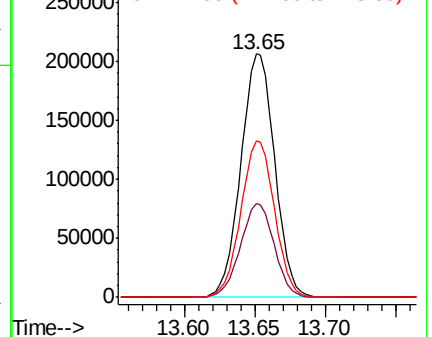
146 100

111 38.3 19.7 59.0

148 63.9 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: 45.077 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055660.D

Acq: 20 May 2019 9:02

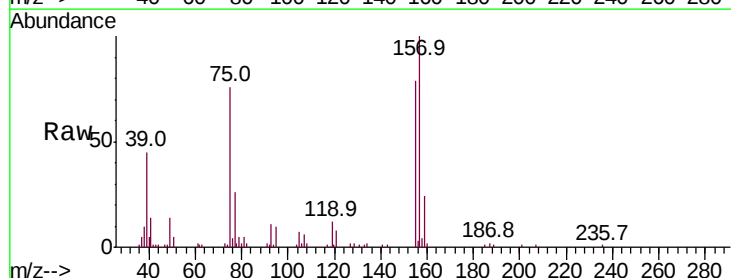
Tgt Ion: 75 Resp: 44514

Ion Ratio Lower Upper

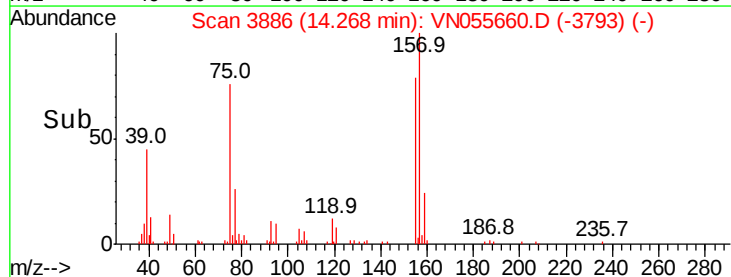
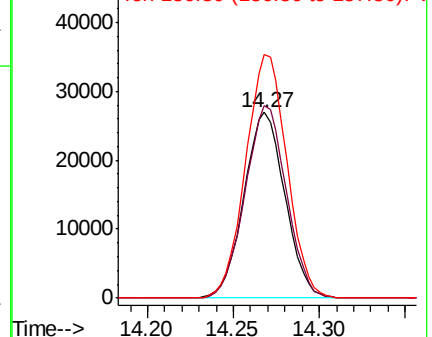
75 100

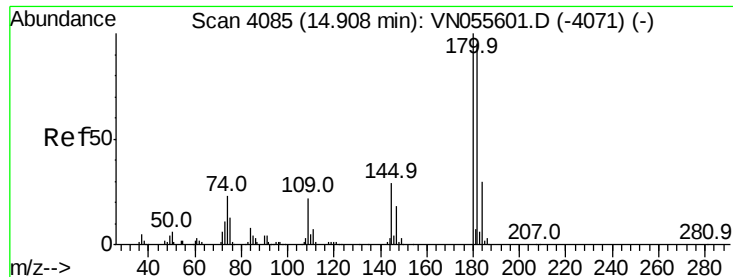
155 104.2 48.4 145.0

157 132.0 62.3 186.8



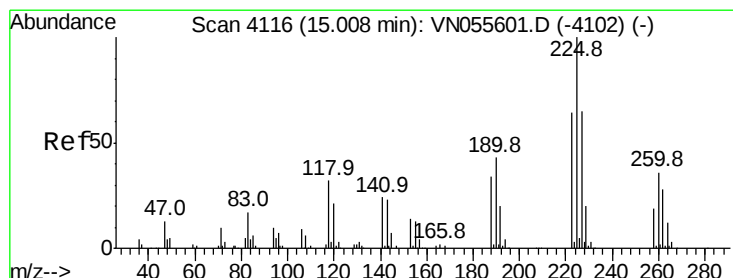
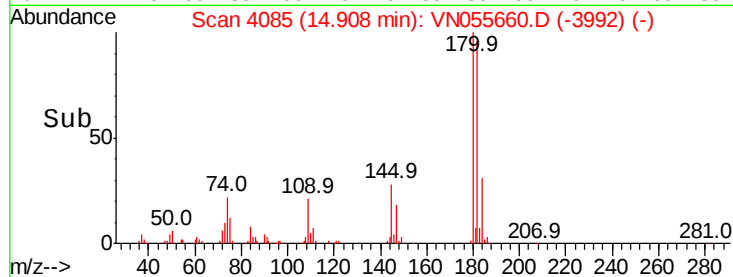
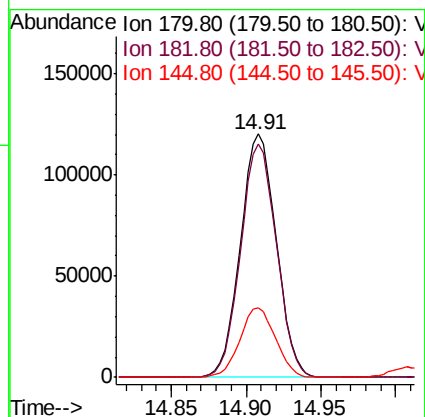
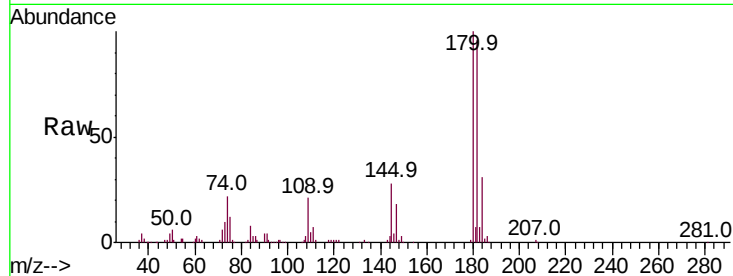
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





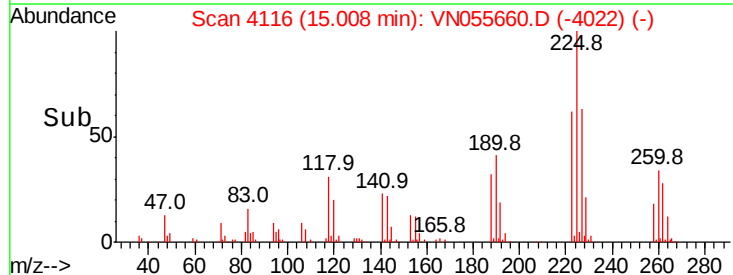
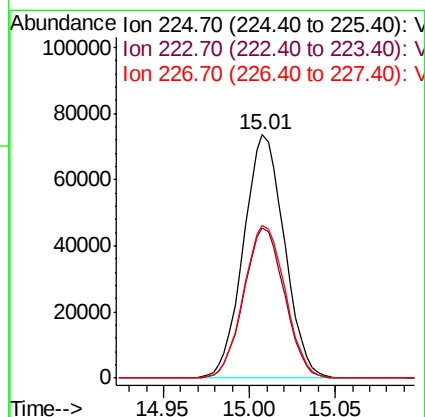
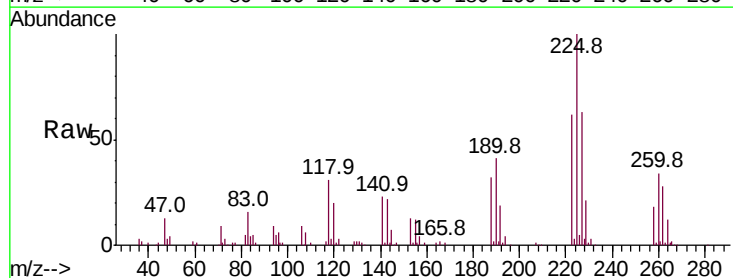
#93
 1,2,4-Trichlorobenzene
 Concen: 53.508 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

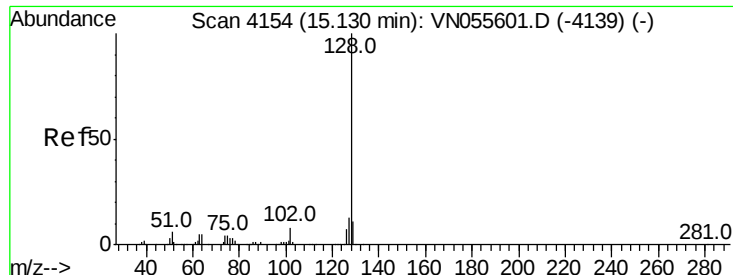
Tot Ion	Ratio	Resp	Lower	Upper
180	100	200615		
182	95.8		47.9	143.6
145	28.4		14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 53.910 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055660.D
 Acq: 20 May 2019 9:02

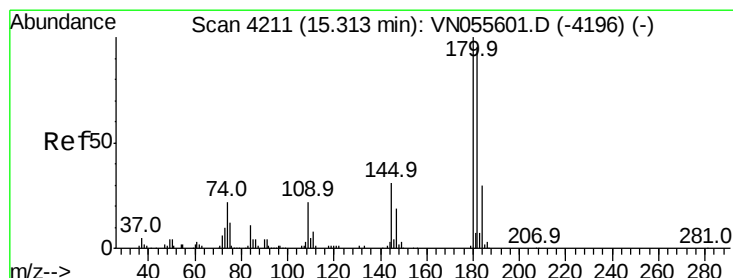
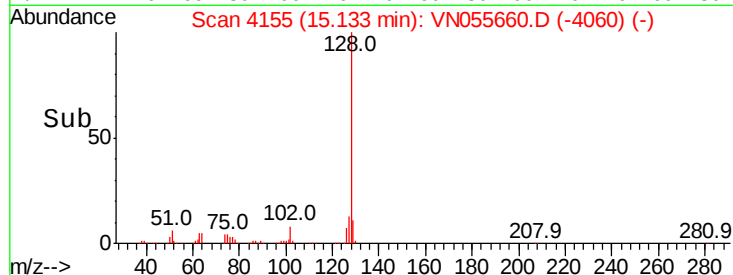
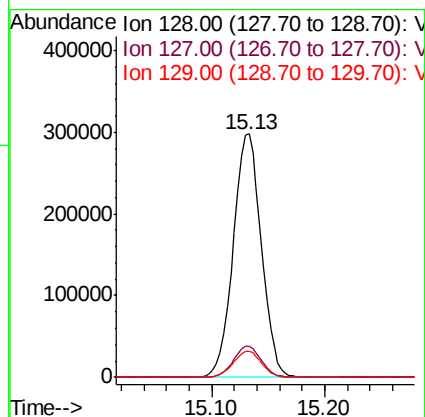
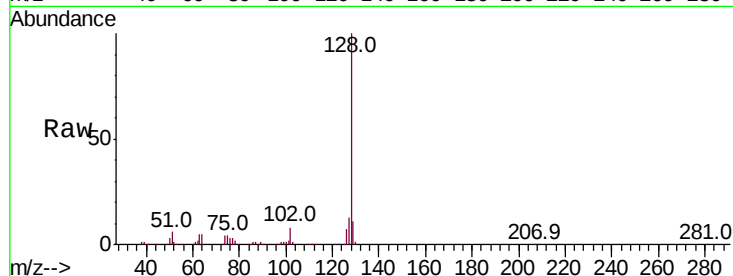
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	121475		
223	61.5		31.6	94.7
227	63.8		32.4	97.0





#95
Naphthalene
Concen: 45.468 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

Tot Ion:128	Resp:	512603
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	10.8	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.685 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055660.D
Acq: 20 May 2019 9:02

Tgt Ion:180	Resp:	194772
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.9 143.6
145	29.9	15.4 46.1

