

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055688.D
 Acq On : 20 May 2019 22:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 21 04:39:52 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	364838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	513055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	173896	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	7.59	113	164782	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.09	98	608280	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.40	95	216825	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	114165	40.670	ug/l	99
3) Chloromethane	2.06	50	145664	38.904	ug/l	100
4) Vinyl Chloride	2.18	62	162725	40.136	ug/l	99
5) Bromomethane	2.53	94	109267	42.289	ug/l	97
6) Chloroethane	2.68	64	96701	42.956	ug/l	99
7) Trichlorofluoromethane	3.01	101	222253	42.778	ug/l	99
8) Diethyl Ether	3.41	74	90547	43.383	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	138785	43.816	ug/l	97
10) Methyl Iodide	3.95	142	213042	46.655	ug/l	98
11) Tert butyl alcohol	4.77	59	166440	223.167	ug/l	100
12) 1,1-Dichloroethene	3.74	96	139447	41.852	ug/l	97
13) Acrolein	3.60	56	74682	196.601	ug/l	99
14) Allyl chloride	4.32	41	218060	40.539	ug/l	98
15) Acrylonitrile	4.98	53	366490	220.870	ug/l	99
16) Acetone	3.81	43	291235	178.440	ug/l	97
17) Carbon Disulfide	4.06	76	356785	38.519	ug/l	99
18) Methyl Acetate	4.32	43	150832	43.107	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	470969	42.727	ug/l	97
20) Methylene Chloride	4.55	84	158187	42.469	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	149544	42.132	ug/l	95
22) Diisopropyl ether	5.95	45	443322	41.593	ug/l	97
23) Vinyl Acetate	5.89	43	1887226	208.670	ug/l	98
24) 1,1-Dichloroethane	5.85	63	262247	41.962	ug/l	99
25) 2-Butanone	6.83	43	473994	207.705	ug/l	98
26) 2,2-Dichloropropane	6.82	77	199360	35.942	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	179080	43.328	ug/l	94
28) Bromochloromethane	7.19	49	115642	42.532	ug/l	90
29) Tetrahydrofuran	7.21	42	308844	204.278	ug/l	96
30) Chloroform	7.37	83	276150	43.046	ug/l	98
31) Cyclohexane	7.65	56	235607	39.722	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	244861	42.555	ug/l	98
36) 1,1-Dichloropropene	7.79	75	201917	44.143	ug/l	98
37) Ethyl Acetate	6.92	43	191683	46.439	ug/l	98
38) Carbon Tetrachloride	7.77	117	221399	45.295	ug/l	99

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

39) Methylcyclohexane	9.08	83	250586	45.444	ug/l	97
40) Benzene	8.04	78	627054	46.607	ug/l	100
41) Methacrylonitrile	7.20	41	276406	156.628	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	198673	45.602	ug/l	99
43) Isopropyl Acetate	8.16	43	341308	47.536	ug/l	99
44) Trichloroethene	8.83	130	187420	49.368	ug/l	96
45) 1,2-Dichloropropane	9.12	63	162492	45.845	ug/l	100
46) Dibromomethane	9.21	93	110644	47.696	ug/l	93
47) Bromodichloromethane	9.40	83	223288	45.926	ug/l	99
48) Methyl methacrylate	9.20	41	147991	46.114	ug/l	96
49) 1,4-Dioxane	9.20	88	70250	1101.618	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	956064	227.003	ug/l	98
52) Toluene	10.16	92	405239	48.022	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	238814	45.638	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	261168	45.558	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	165073	47.516	ug/l	99
56) Ethyl methacrylate	10.43	69	249766	46.056	ug/l	95
57) 1,3-Dichloropropane	10.71	76	260873	47.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	495967	215.238	ug/l	97
59) 2-Hexanone	10.75	43	672820	226.903	ug/l	97
60) Dibromochloromethane	10.90	129	198348	50.376	ug/l	100
61) 1,2-Dibromoethane	11.01	107	171015	49.199	ug/l	99
64) Tetrachloroethene	10.63	164	186068	52.090	ug/l	96
65) Chlorobenzene	11.43	112	443596	48.428	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180045	48.859	ug/l	99
67) Ethyl Benzene	11.51	91	768977	47.125	ug/l	99
68) m/p-Xylenes	11.62	106	600720	97.484	ug/l	96
69) o-Xylene	11.95	106	295215	48.981	ug/l	96
70) Styrene	11.96	104	491601	49.055	ug/l	99
71) Bromoform	12.13	173	161887	51.839	ug/l	99
73) Isopropylbenzene	12.25	105	780373	52.603	ug/l	99
74) N-amyl acetate	12.07	43	265599	44.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	228790	49.118	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	276693	63.990	ug/l #	100
77) Bromobenzene	12.53	156	213059	48.957	ug/l	90
78) n-propylbenzene	12.59	91	837305	44.495	ug/l	98
79) 2-Chlorotoluene	12.67	91	507789	50.435	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	656157	51.722	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	70227	41.749	ug/l	98
82) 4-Chlorotoluene	12.77	91	495784	44.715	ug/l	98
83) tert-Butylbenzene	12.99	119	581190	54.118	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	650465	51.328	ug/l	98
85) sec-Butylbenzene	13.17	105	740166	52.346	ug/l	99
86) p-Isopropyltoluene	13.29	119	688202	52.254	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	345977	48.081	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	332453	48.388	ug/l	98
89) n-Butylbenzene	13.61	91	526459	45.274	ug/l	99
90) Hexachloroethane	13.87	117	132188	52.564	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	339066	47.270	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41053	42.688	ug/l	87

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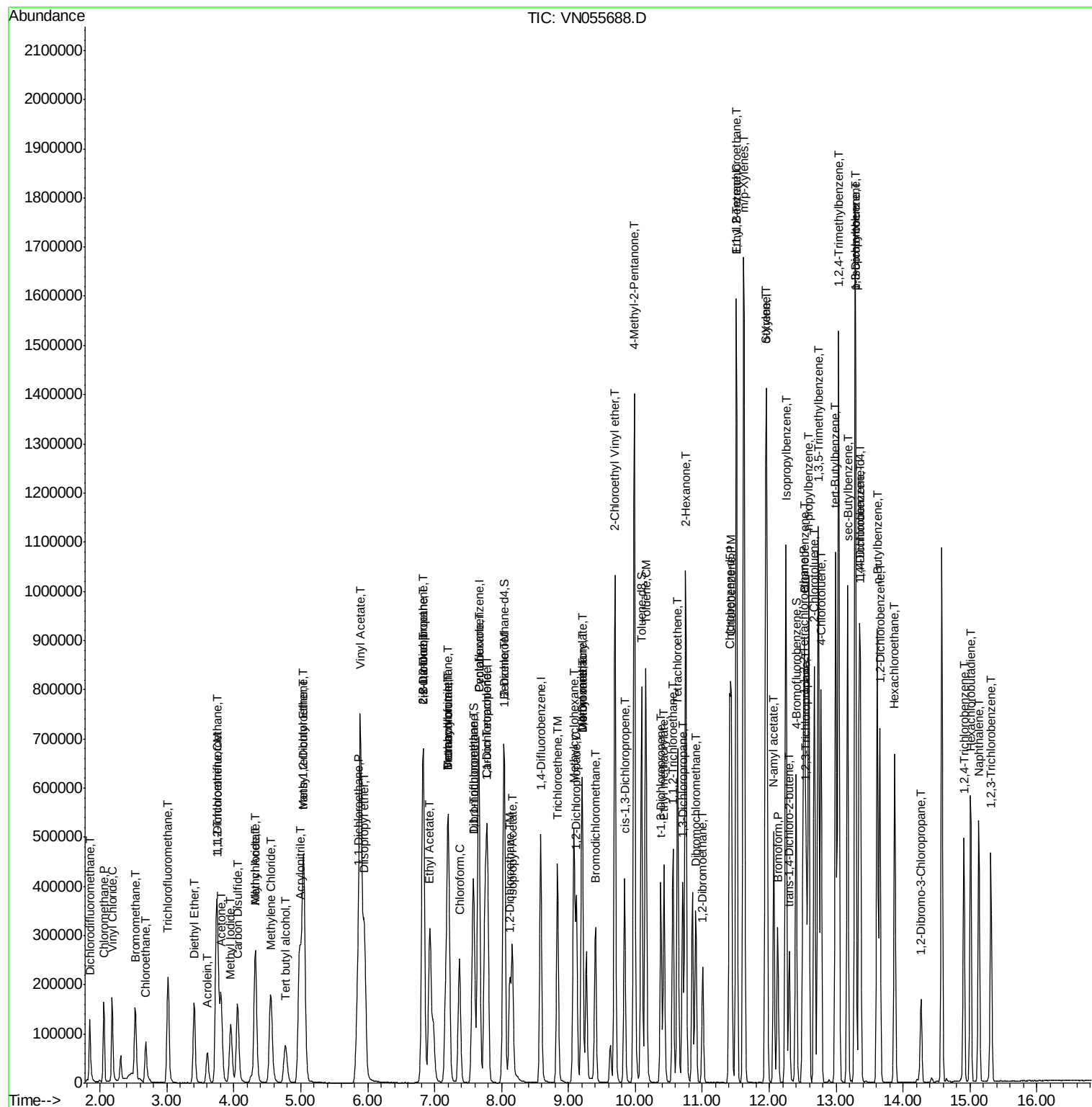
Quant Time: May 21 04:39:52 2019
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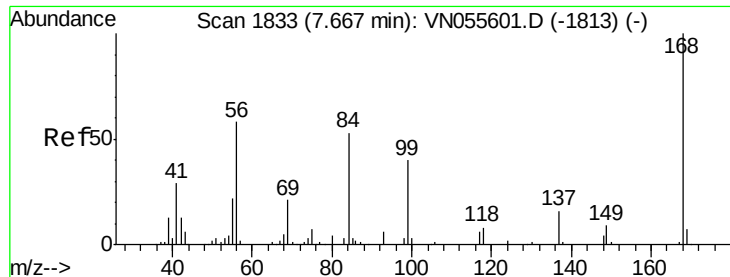
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	179076	49.046	ug/l	99
94) Hexachlorobutadiene	15.01	225	132601	60.802	ug/l	100
95) Naphthalene	15.13	128	482498	44.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	184013	48.200	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055688.D

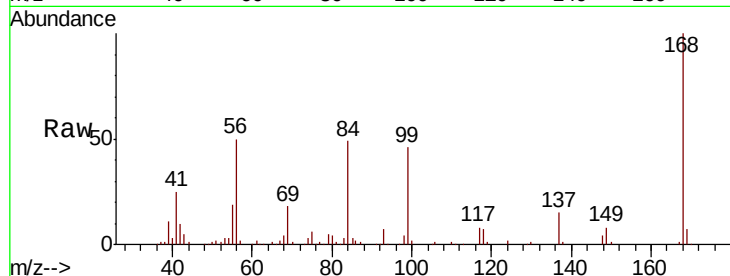
Acq: 20 May 2019 22:43

Tot Ion:168 Resp: 364838

Ion Ratio Lower Upper

168 100

99 45.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.66

150000

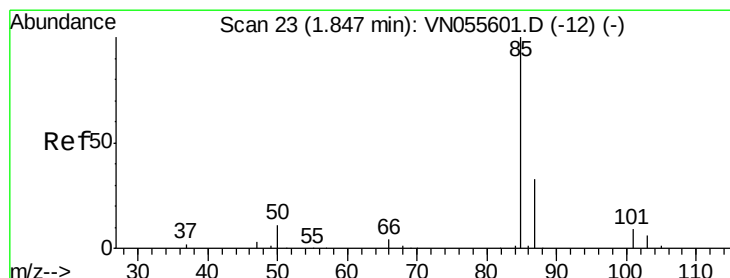
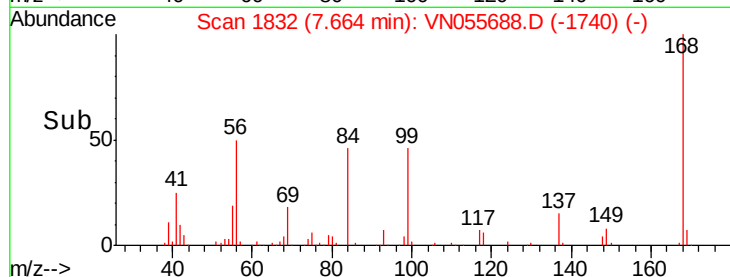
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 40.670 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055688.D

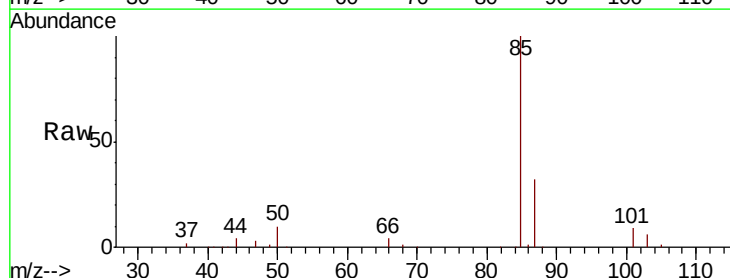
Acq: 20 May 2019 22:43

Tgt Ion: 85 Resp: 114165

Ion Ratio Lower Upper

85 100

87 32.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN055601.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055601.D (-12) (-)

1.85

80000

60000

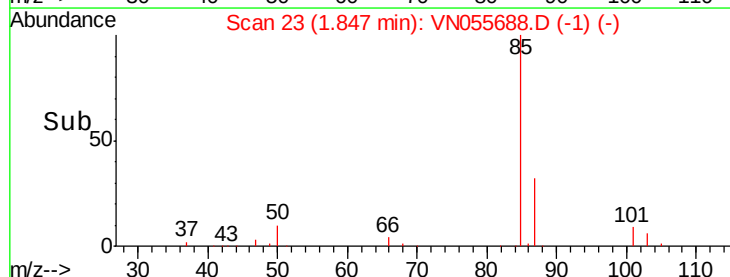
40000

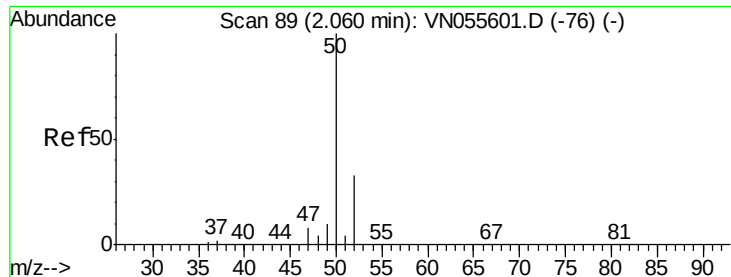
20000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 38.904 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055688.D

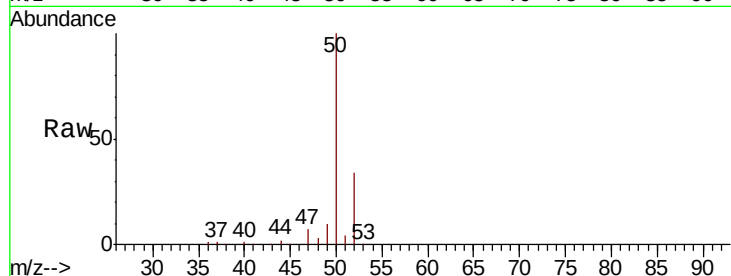
Acq: 20 May 2019 22:43

Tot Ion: 50 Resp: 145664

Ion Ratio Lower Upper

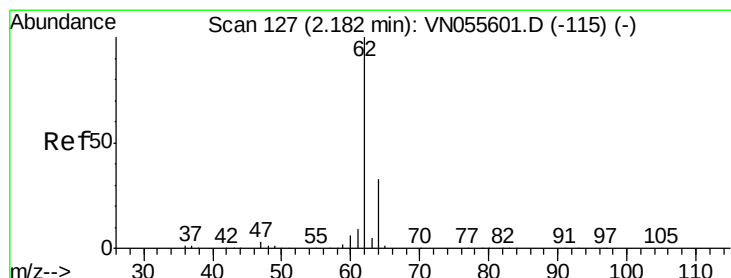
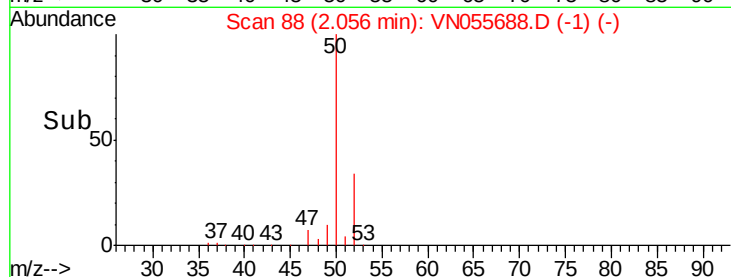
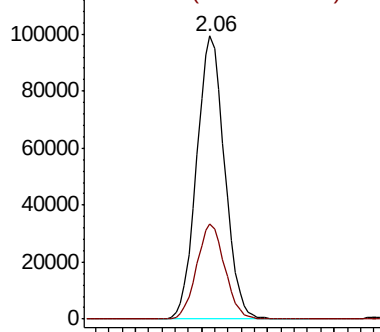
50 100

52 33.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 40.136 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN055688.D

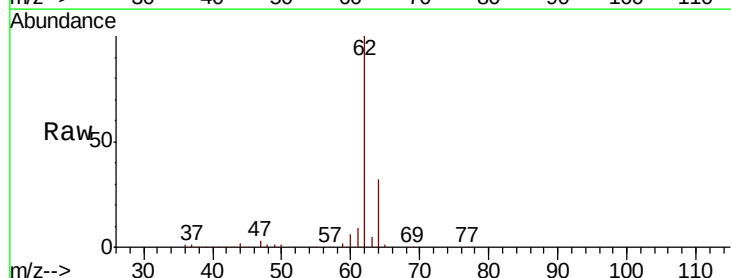
Acq: 20 May 2019 22:43

Tgt Ion: 62 Resp: 162725

Ion Ratio Lower Upper

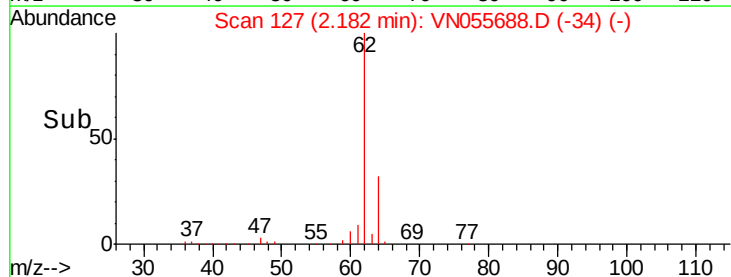
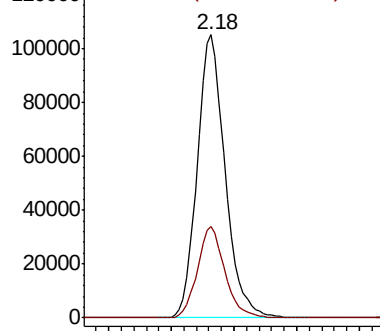
62 100

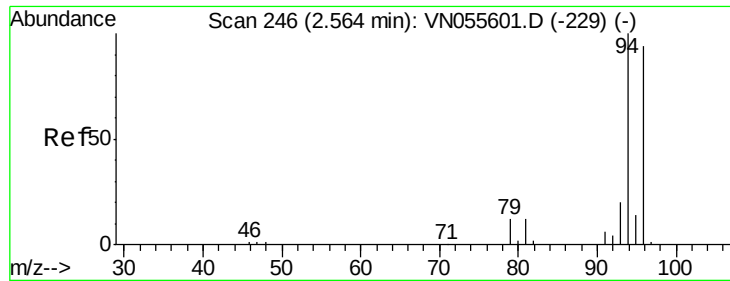
64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

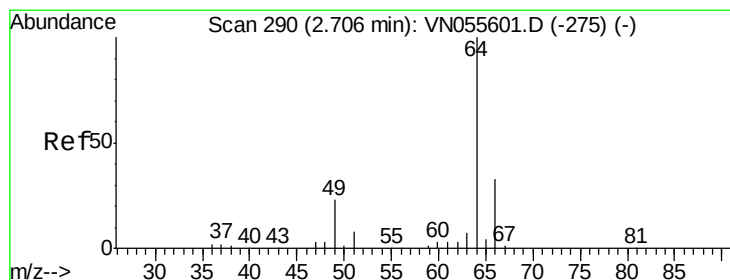
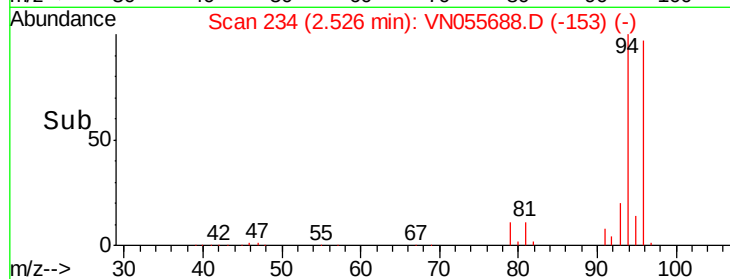
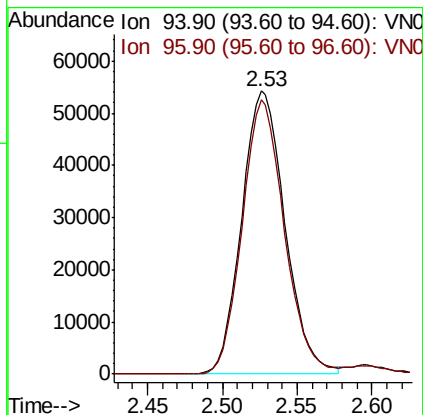
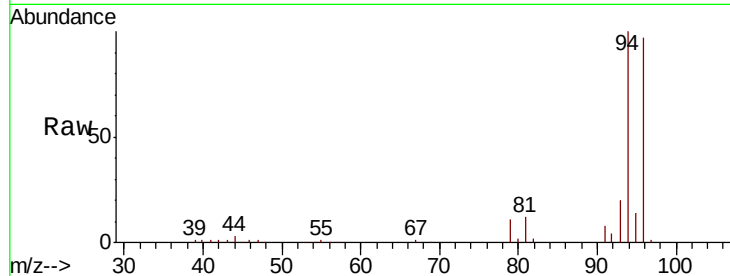
Ion 63.90 (63.60 to 64.60): VN0





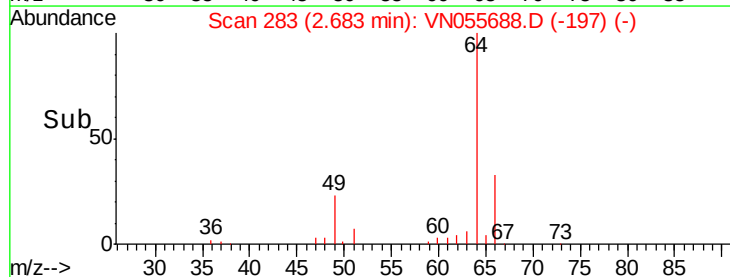
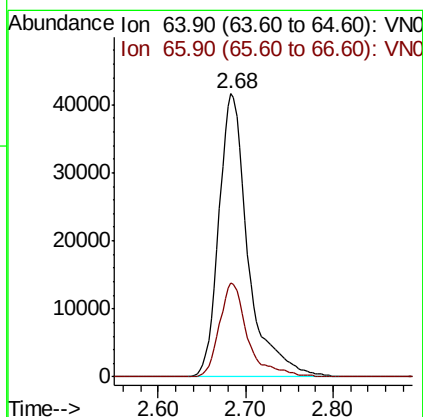
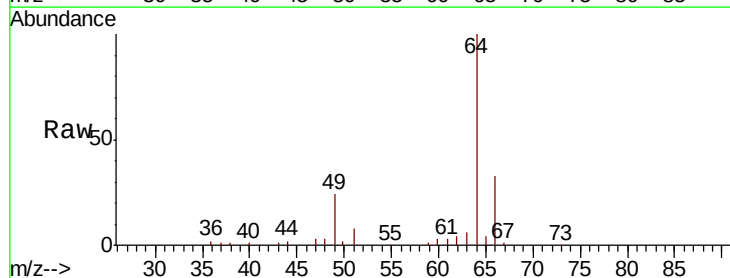
#5
Bromomethane
Concen: 42.289 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.04 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

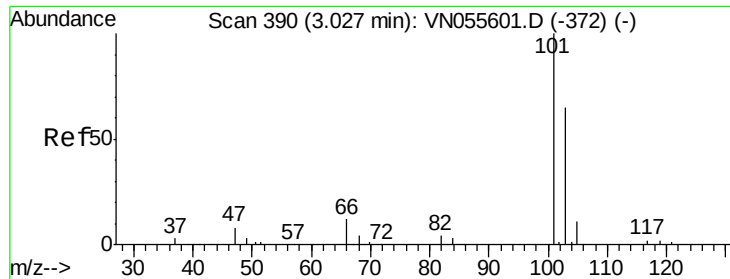
Tot Ion: 94 Resp: 109267
Ion Ratio Lower Upper
94 100
96 97.0 75.2 112.8



#6
Chloroethane
Concen: 42.956 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.02 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion: 64 Resp: 96701
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4

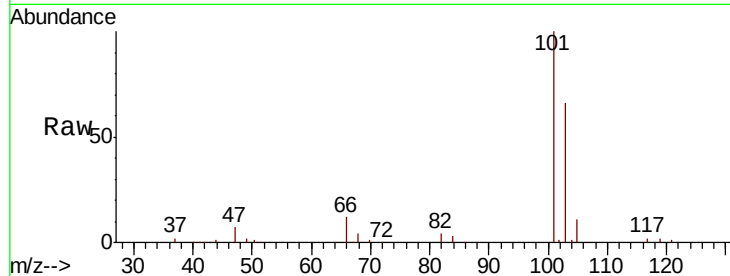




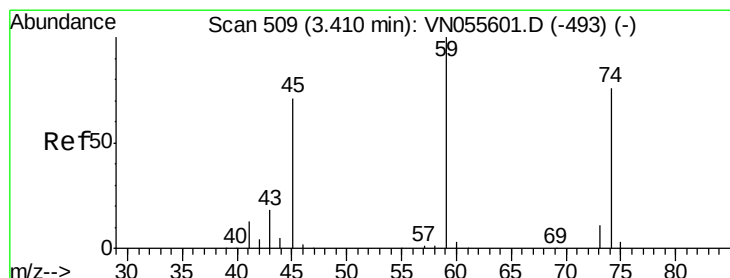
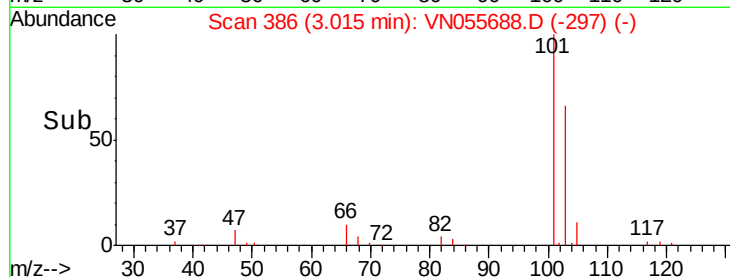
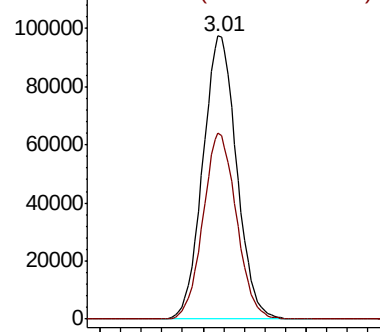
#7

Trichlorofluoromethane
Concen: 42.778 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.01 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tot Ion:101 Resp: 222253
Ion Ratio Lower Upper
101 100
103 65.9 52.3 78.5



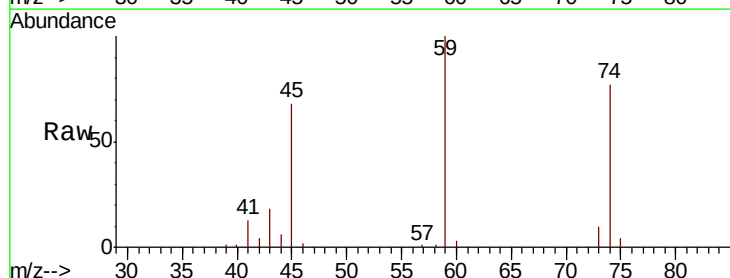
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



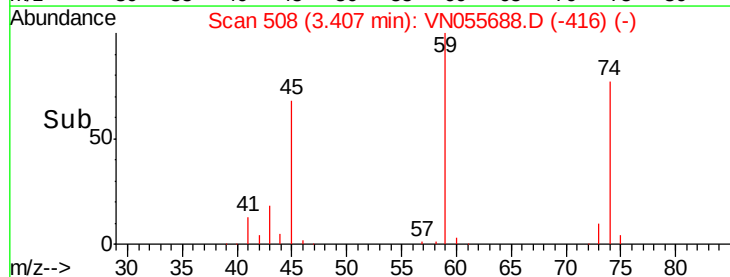
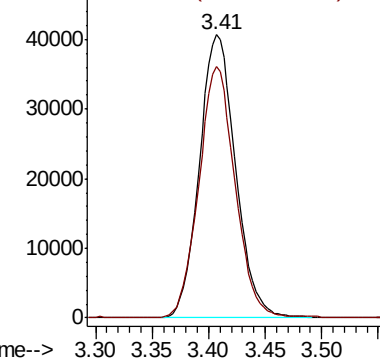
#8

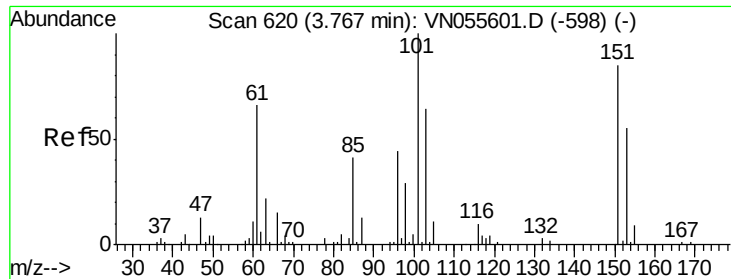
Diethyl Ether
Concen: 43.383 ug/l
RT: 3.41 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion: 74 Resp: 90547
Ion Ratio Lower Upper
74 100
45 88.8 46.4 139.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.816 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

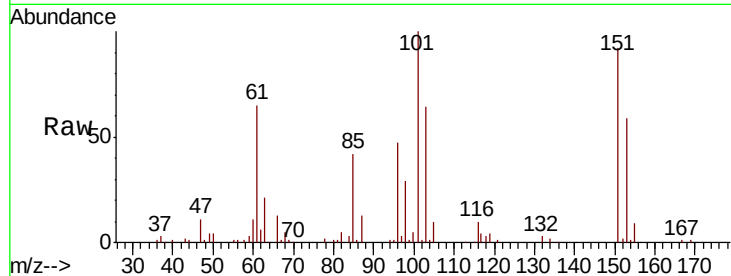
Tot Ion:101 Resp: 138785

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.0

151 91.0 69.3 103.9

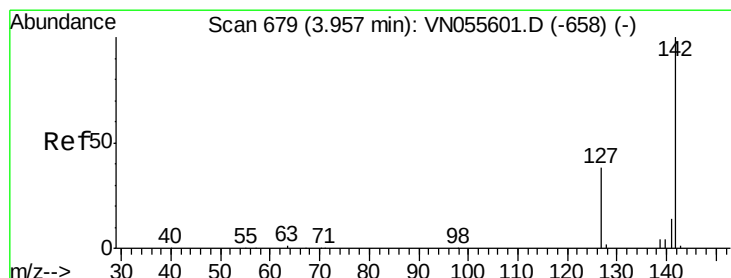
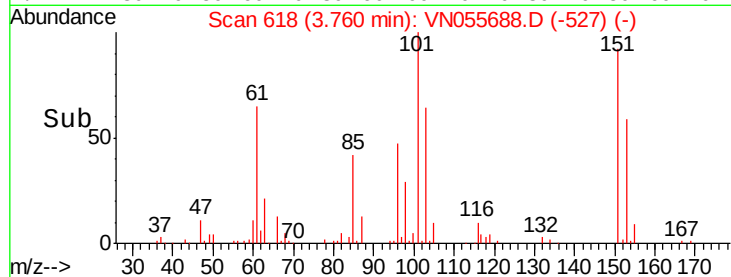
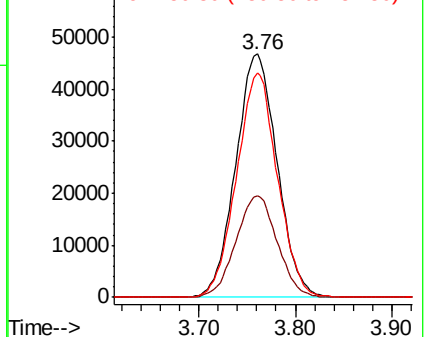


Abundance

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: 46.655 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

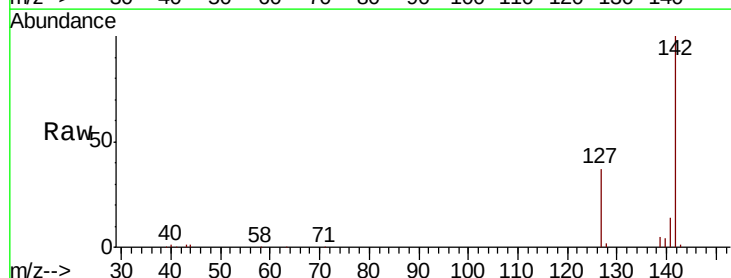
Tgt Ion:142 Resp: 213042

Ion Ratio Lower Upper

142 100

127 37.5 31.0 46.4

141 14.2 11.5 17.3

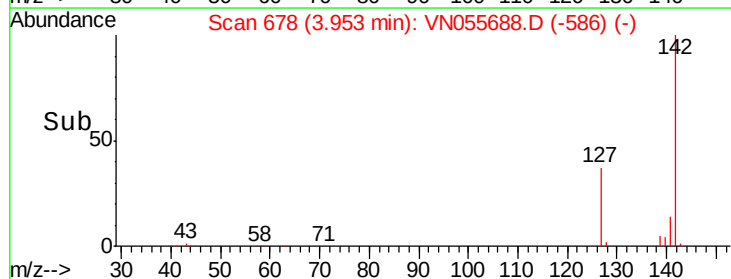
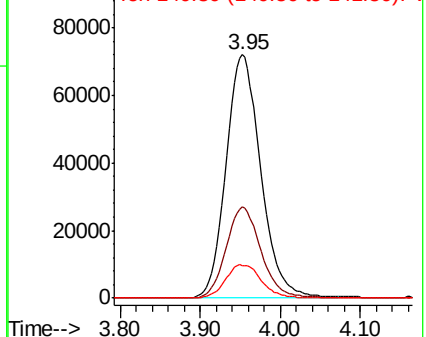


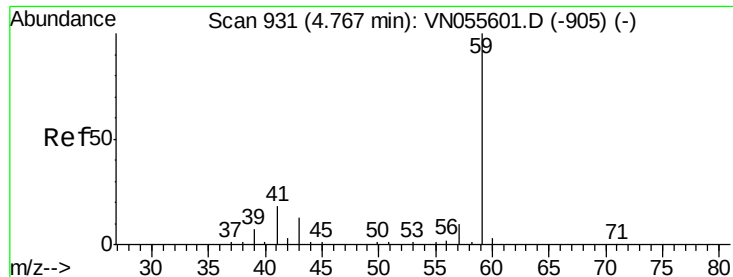
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

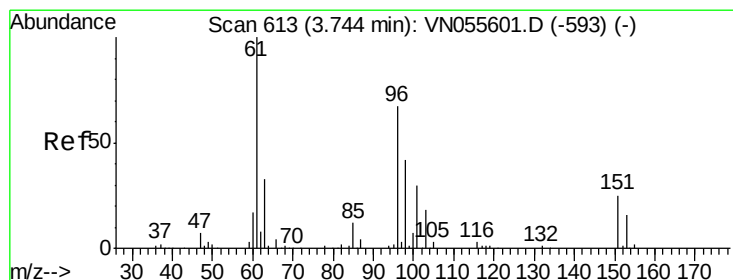
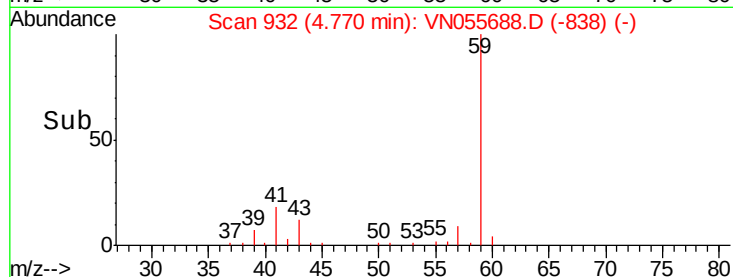
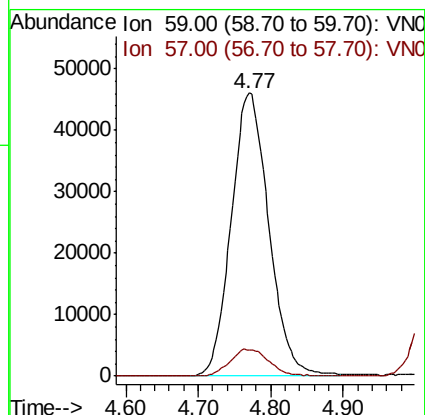
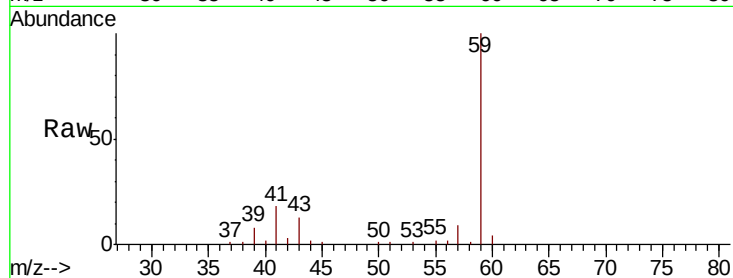
Ion 140.80 (140.50 to 141.50): V





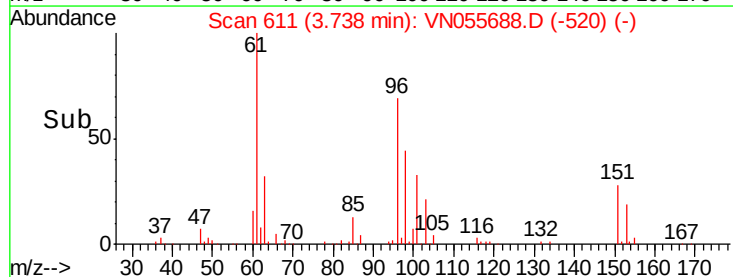
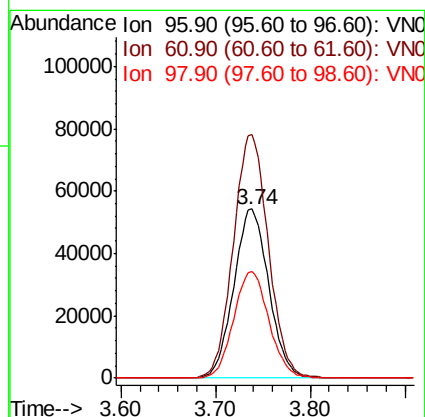
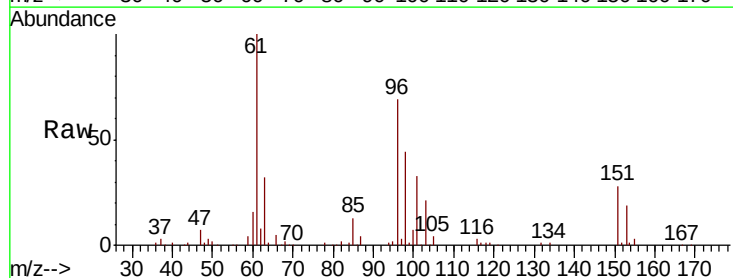
#11
Tert butyl alcohol
Concen: 223.167 ug/l
RT: 4.77 min Scan# 932
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

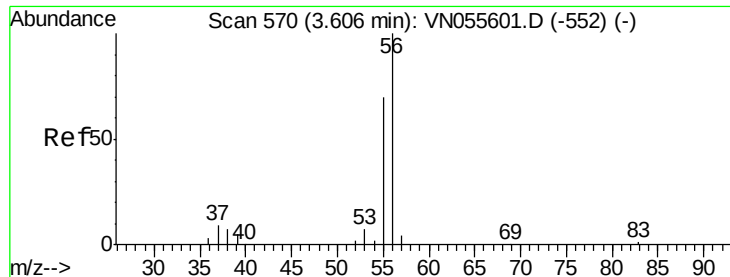
Tot Ion: 59 Resp: 166440
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.6



#12
1,1-Dichloroethene
Concen: 41.852 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.01 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion: 96 Resp: 139447
Ion Ratio Lower Upper
96 100
61 144.2 120.2 180.2
98 62.8 50.6 75.8





#13

Acrolein

Concen: 196.601 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN055688.D

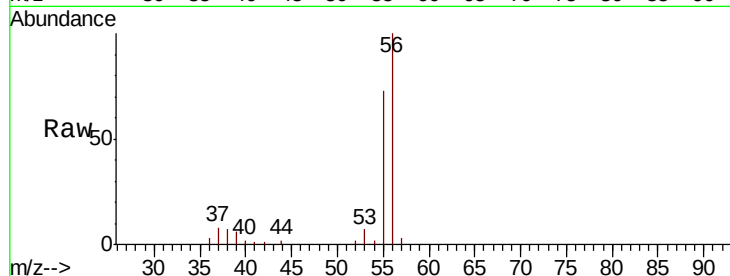
Acq: 20 May 2019 22:43

Tot Ion: 56 Resp: 74682

Ion Ratio Lower Upper

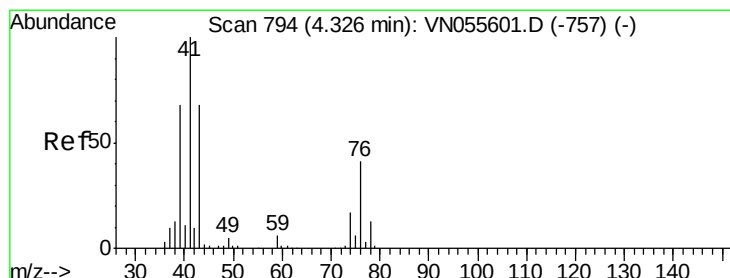
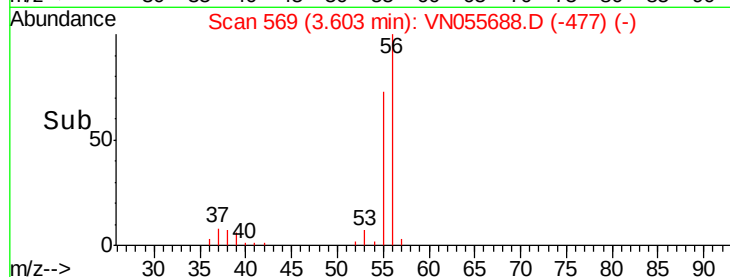
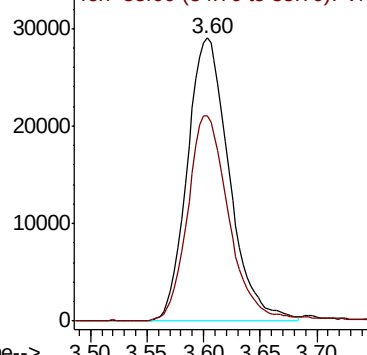
56 100

55 71.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 40.539 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

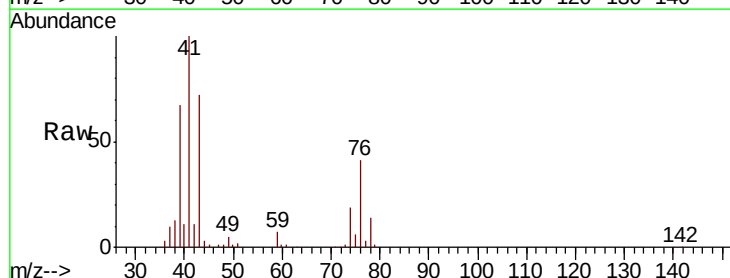
Tgt Ion: 41 Resp: 218060

Ion Ratio Lower Upper

41 100

39 61.7 50.5 75.7

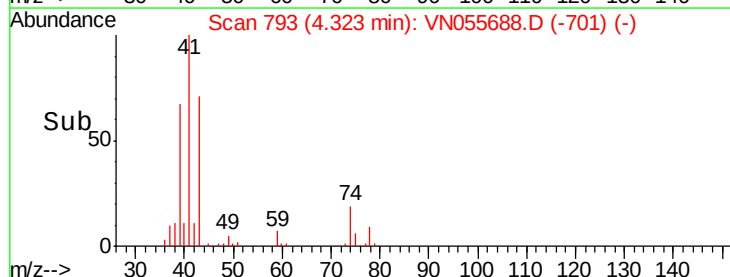
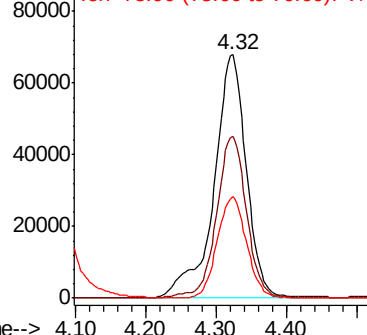
76 37.5 29.2 43.8

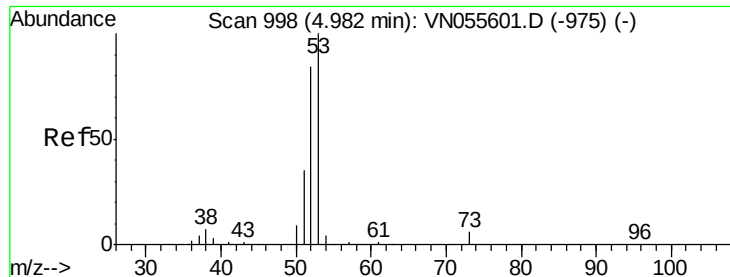


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 220.870 ug/l

RT: 4.98 min Scan# 998

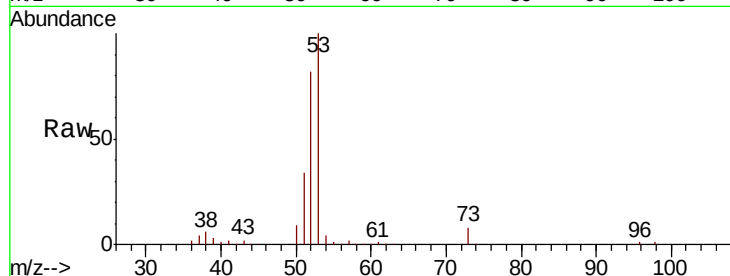
Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

Tot Ion: 53 Resp: 366490

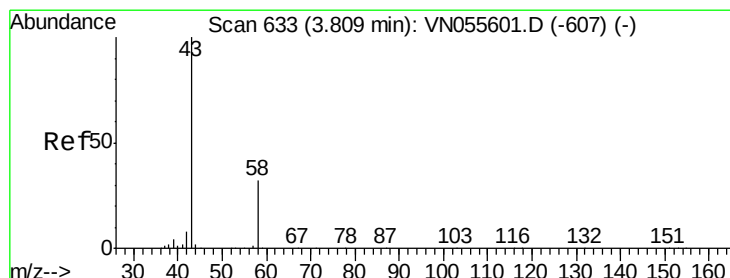
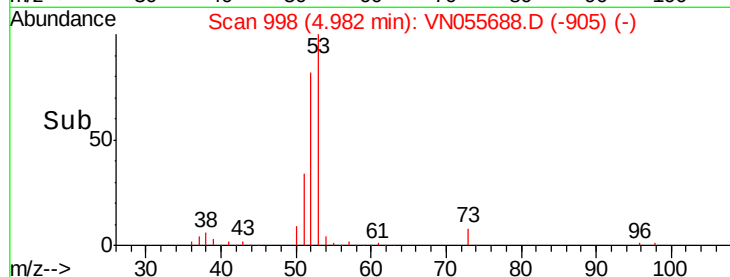
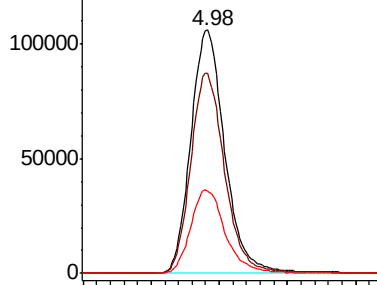
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.4
51	35.0	28.5	42.7



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: 178.440 ug/l

RT: 3.81 min Scan# 633

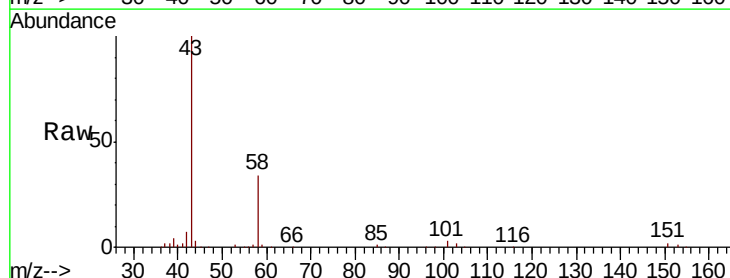
Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

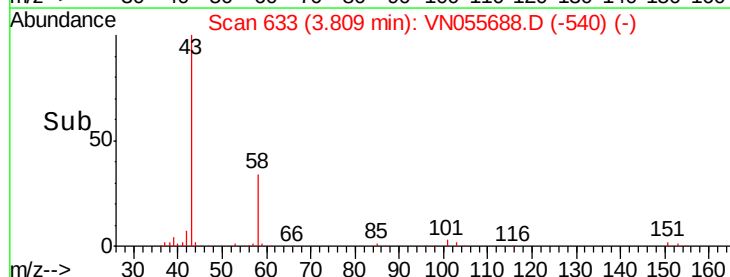
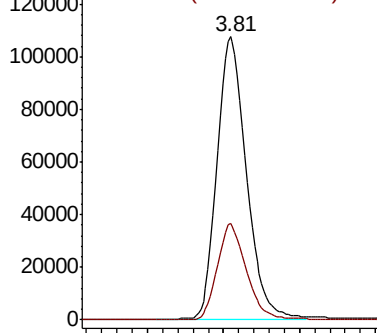
Tgt Ion: 43 Resp: 291235

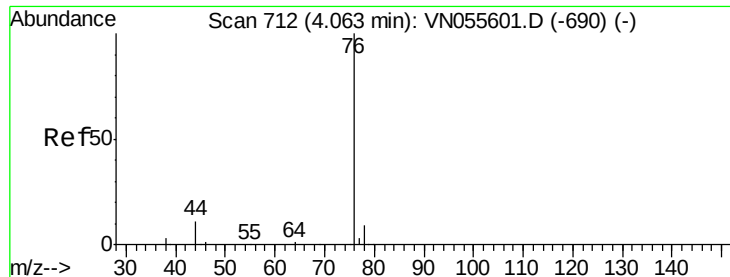
Ion	Ratio	Lower	Upper
43	100		
58	34.1	26.0	39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 38.519 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.01 min

Lab File: VN055688.D

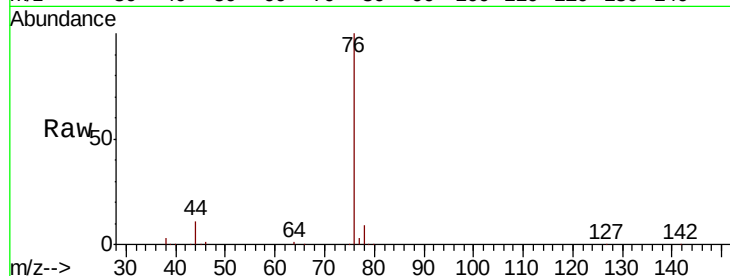
Acq: 20 May 2019 22:43

Tot Ion: 76 Resp: 356785

Ion Ratio Lower Upper

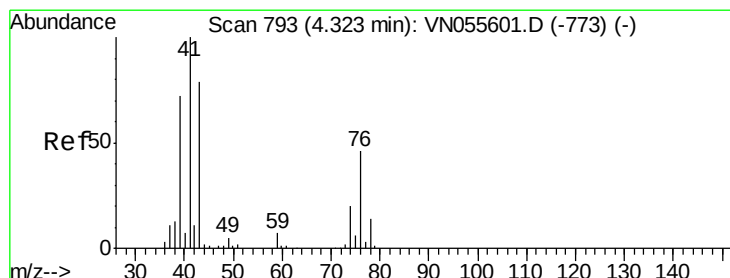
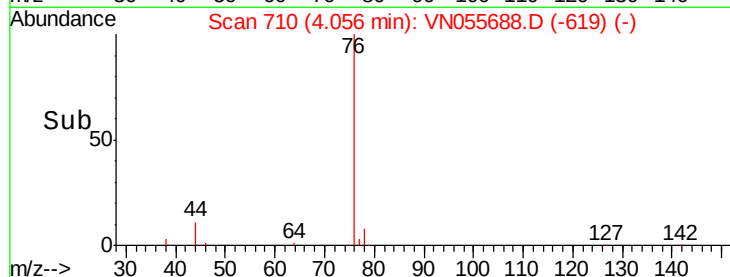
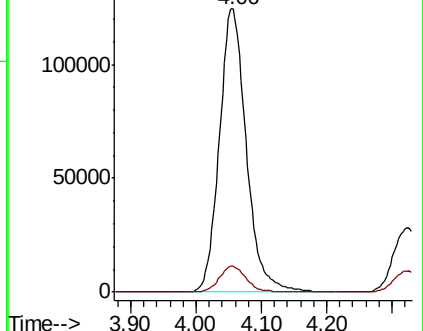
76 100

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: 43.107 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.01 min

Lab File: VN055688.D

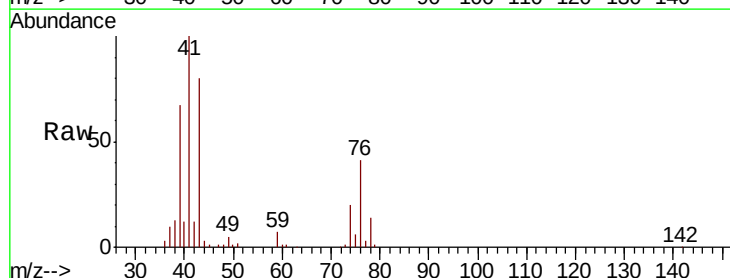
Acq: 20 May 2019 22:43

Tgt Ion: 43 Resp: 150832

Ion Ratio Lower Upper

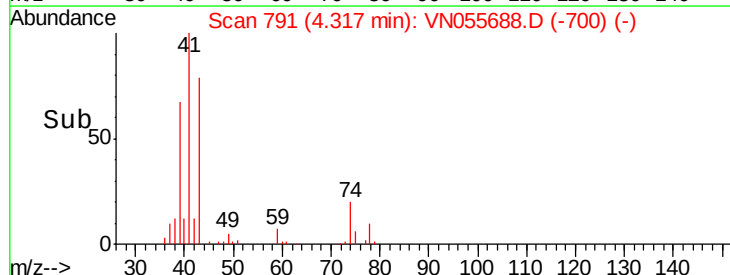
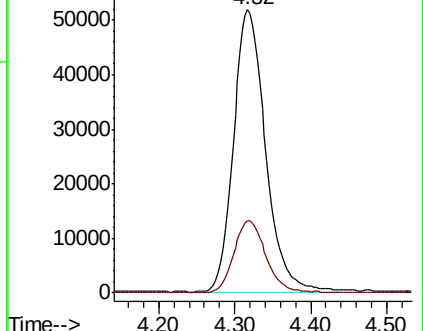
43 100

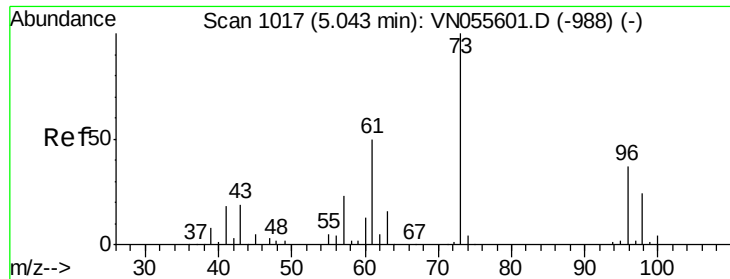
74 25.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

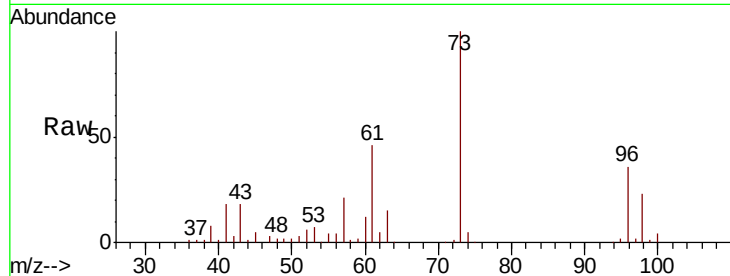




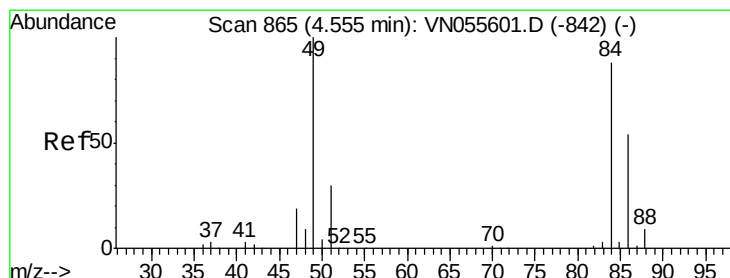
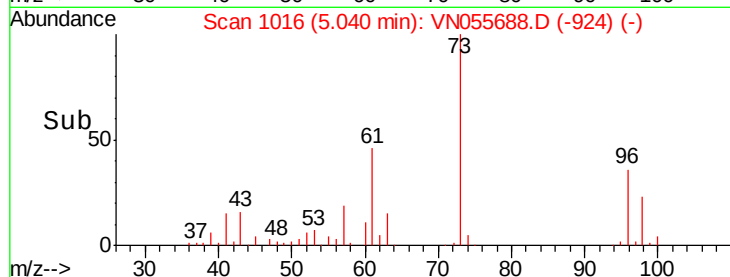
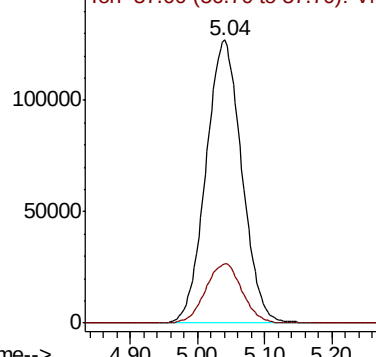
#19

Methyl tert-butyl Ether
 Concen: 42.727 ug/l
 RT: 5.04 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tot Ion: 73 Resp: 470969
 Ion Ratio Lower Upper
 73 100
 57 21.1 18.2 27.2



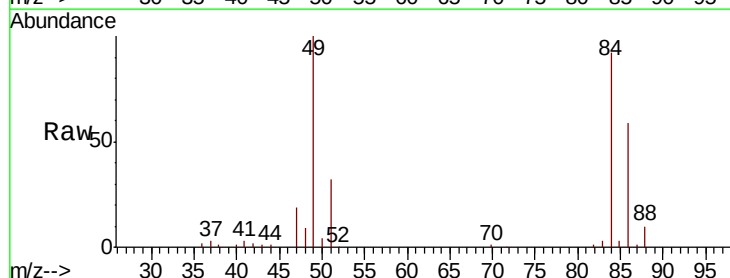
Abundance Ion 73.00 (72.70 to 73.70): VN055601.D (-988) (-)
 Ion 57.00 (56.70 to 57.70): VN055601.D (-988) (-)



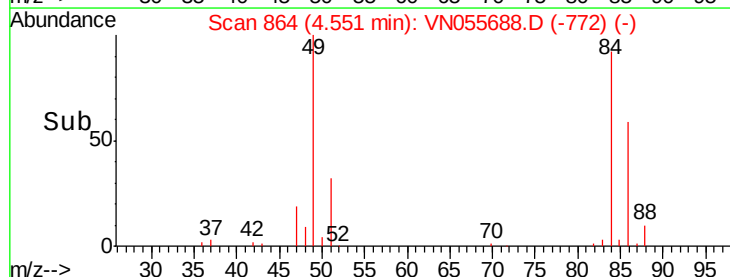
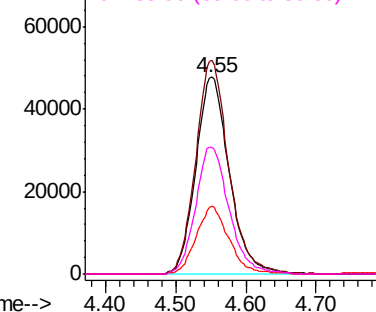
#20

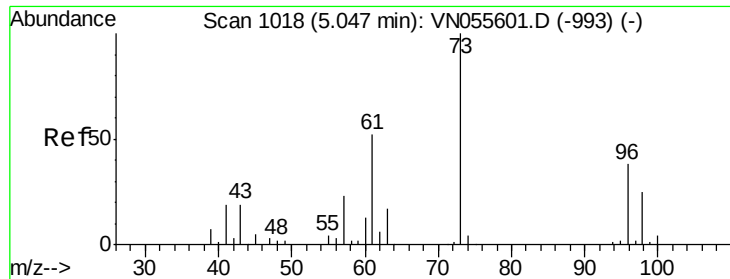
Methylene Chloride
 Concen: 42.469 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tgt Ion: 84 Resp: 158187
 Ion Ratio Lower Upper
 84 100
 49 108.5 91.0 136.4
 51 34.5 27.5 41.3
 86 64.1 49.4 74.0



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

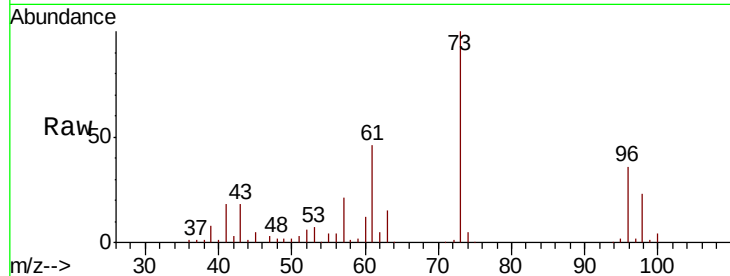




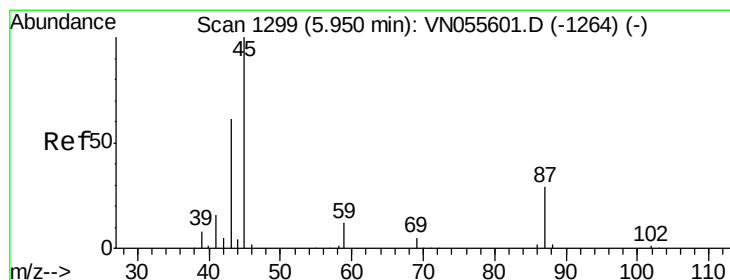
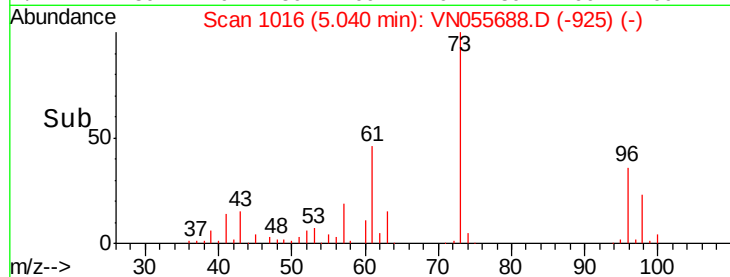
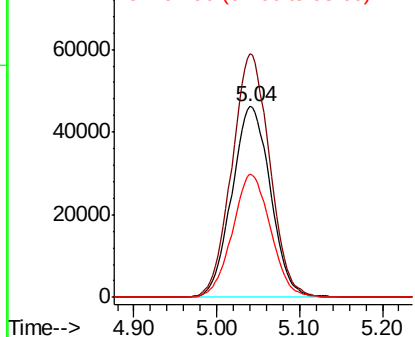
#21

trans-1,2-Dichloroethene
Concen: 42.132 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tot Ion	96	Resp	149544
Ion	Ratio	Lower	Upper
96	100		
61	127.6	108.6	162.8
98	64.5	51.4	77.0



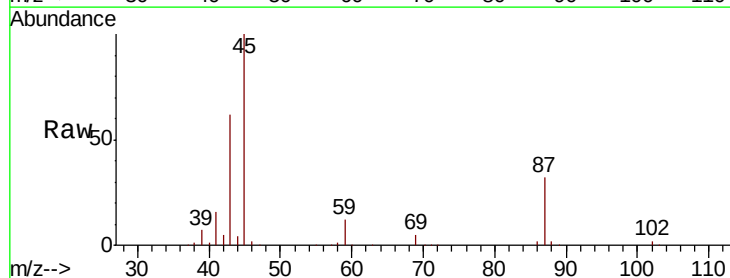
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



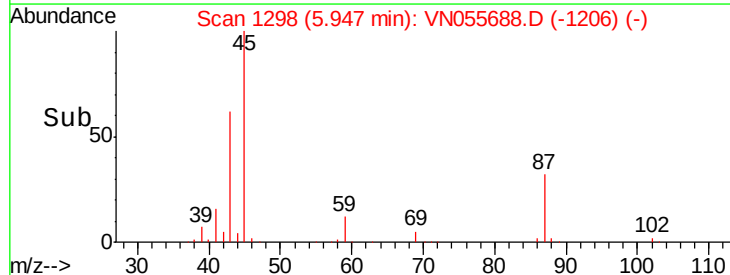
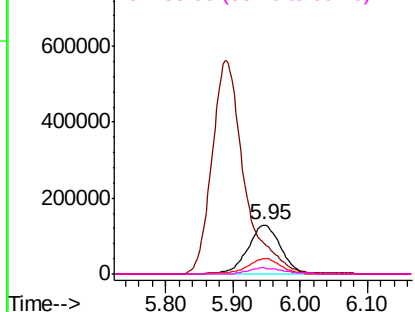
#22

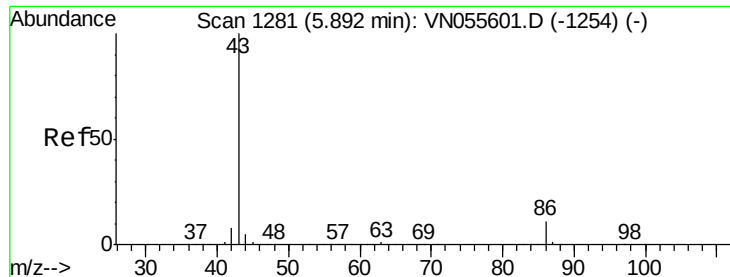
Diisopropyl ether
Concen: 41.593 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion	45	Resp	443322
Ion	Ratio	Lower	Upper
45	100		
43	60.1	50.4	75.6
87	31.2	23.8	35.6
59	11.5	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: 208.670 ug/l

RT: 5.89 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VN055688.D

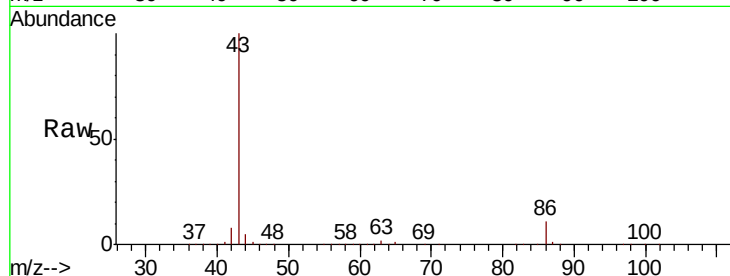
Acq: 20 May 2019 22:43

Tot Ion: 43 Resp: 1887226

Ion Ratio Lower Upper

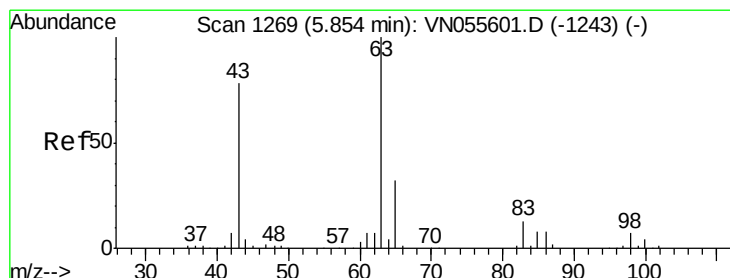
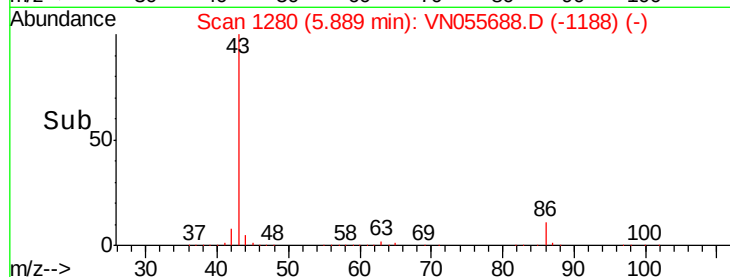
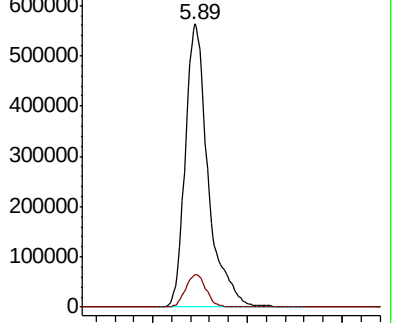
43 100

86 11.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 41.962 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

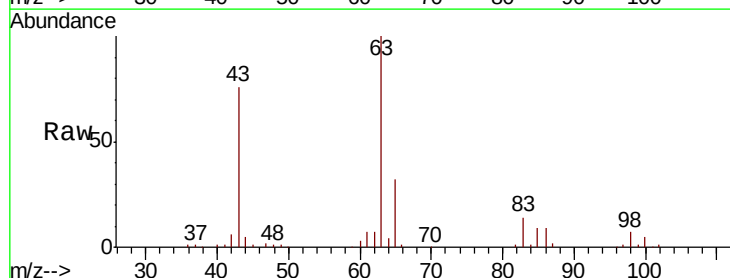
Tgt Ion: 63 Resp: 262247

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

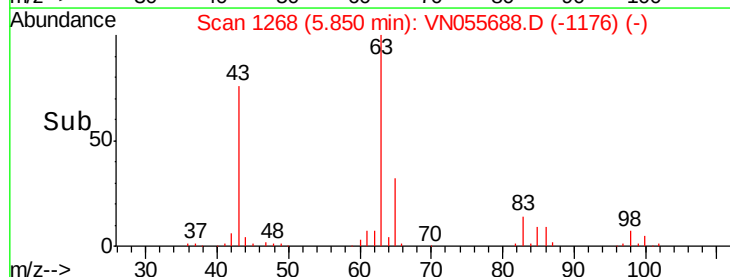
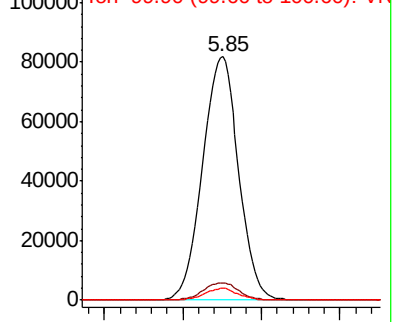
100 4.8 2.2 6.6

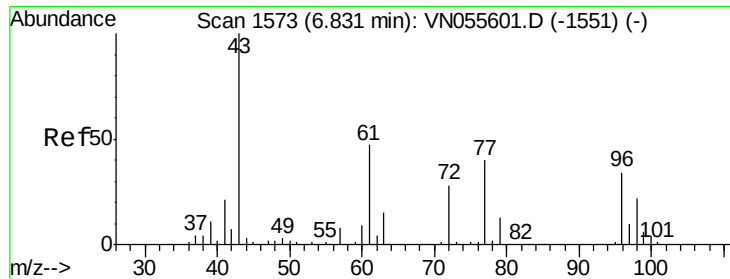


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 207.705 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055688.D

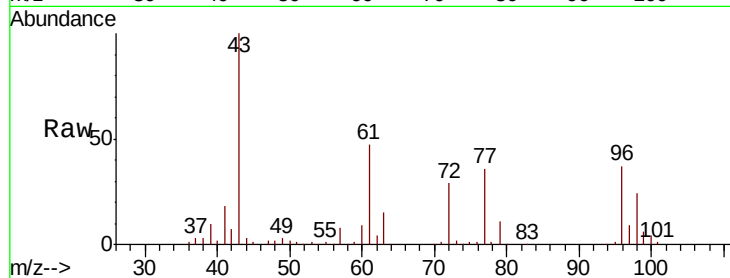
Acq: 20 May 2019 22:43

Tot Ion: 43 Resp: 473994

Ion Ratio Lower Upper

43 100

72 28.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN055601.D (-1551) (-)

6.83

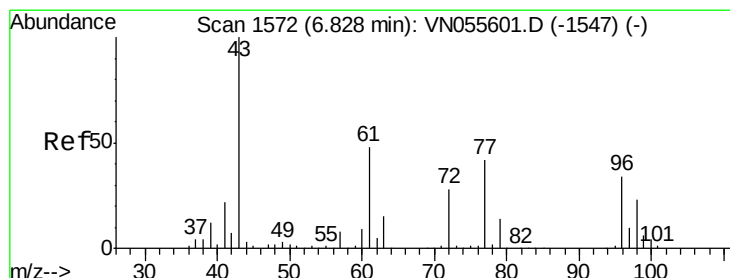
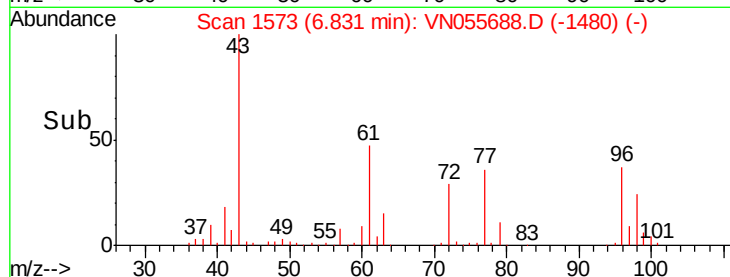
150000

100000

50000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#26

2,2-Dichloropropane

Concen: 35.942 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055688.D

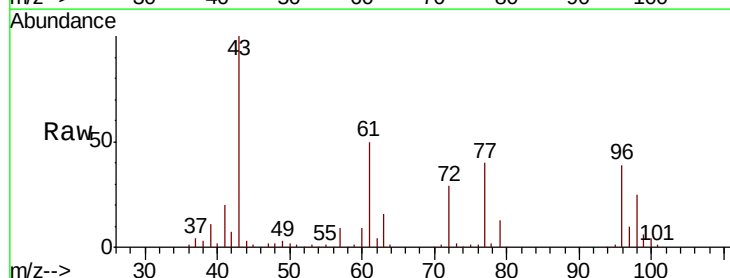
Acq: 20 May 2019 22:43

Tgt Ion: 77 Resp: 199360

Ion Ratio Lower Upper

77 100

97 25.1 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VN055601.D (-1547) (-)

Ion 96.90 (96.60 to 97.60): VN055601.D (-1547) (-)

6.82

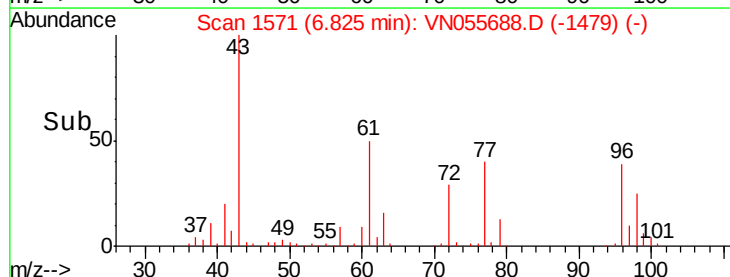
60000

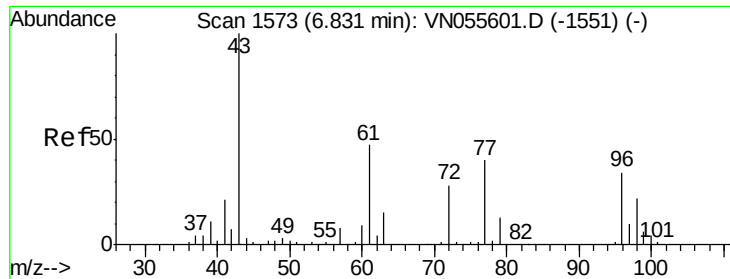
40000

20000

0

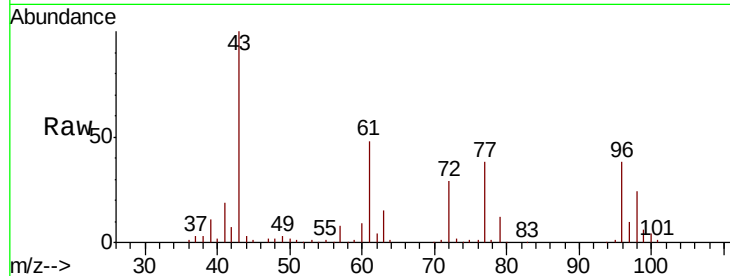
Time--> 6.70 6.80 6.90





#27
 cis-1,2-Dichloroethene
 Concen: 43.328 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tot Ion	96	Resp	179080
Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	279.0
98	64.2	0.0	131.6

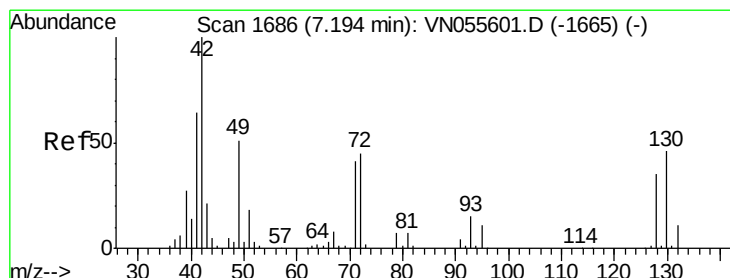
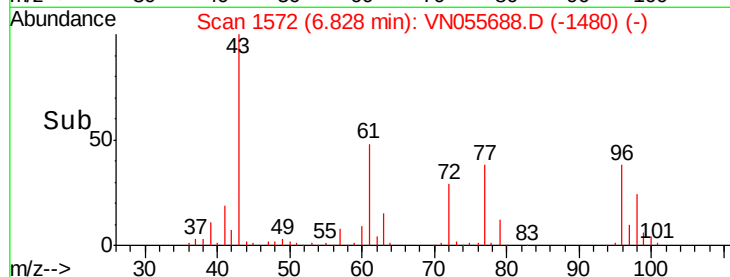
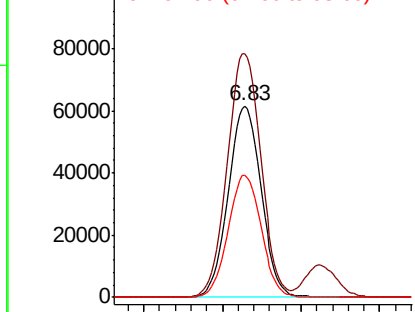


Abundance

Ion 95.90 (95.60 to 96.60): VN0

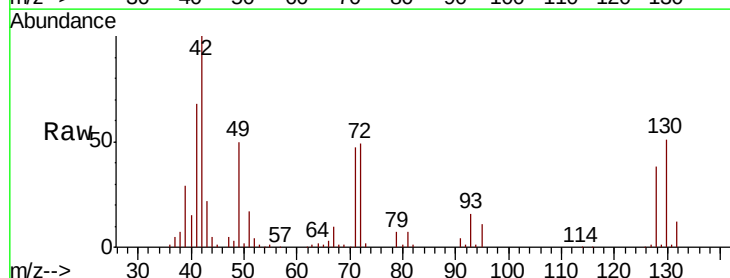
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28
 Bromochloromethane
 Concen: 42.532 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tgt Ion	49	Resp	115642
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	98.7	71.0	106.6

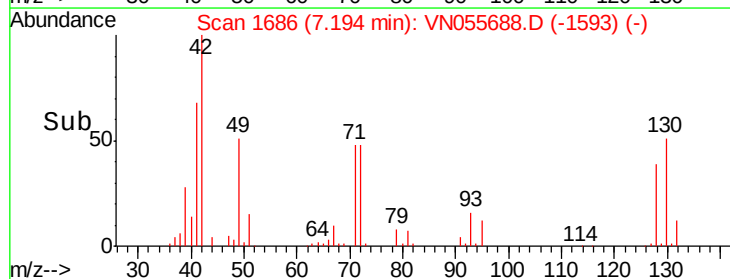
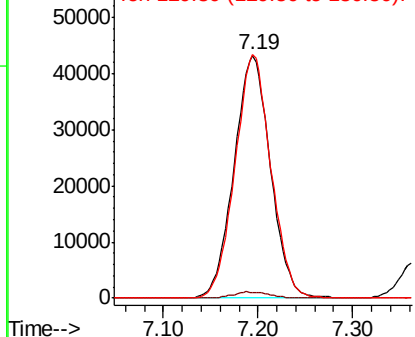


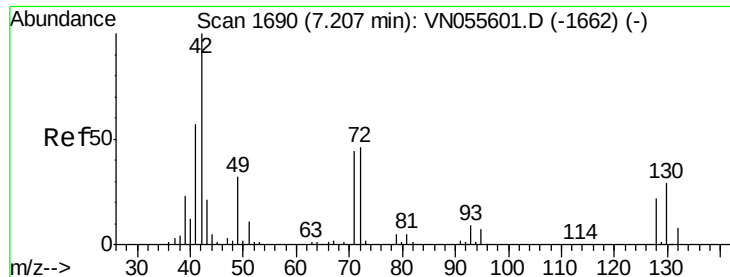
Abundance

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: 204.278 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

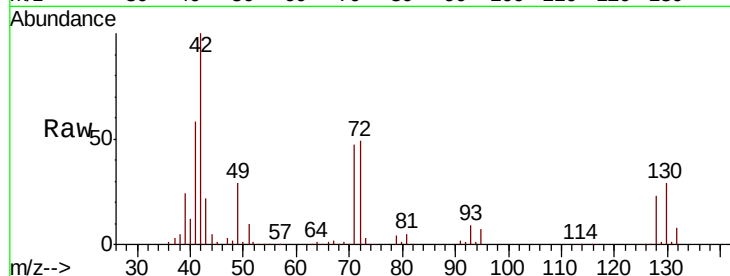
Tot Ion: 42 Resp: 308844

Ion Ratio Lower Upper

42 100

72 48.3 36.5 54.7

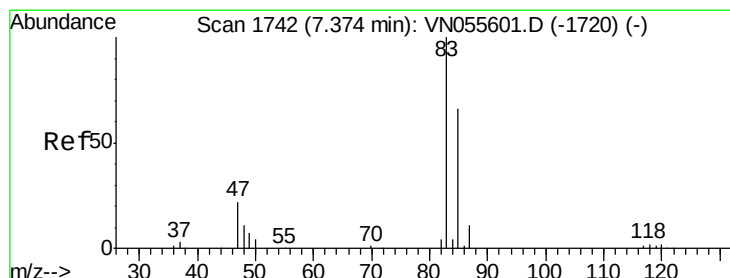
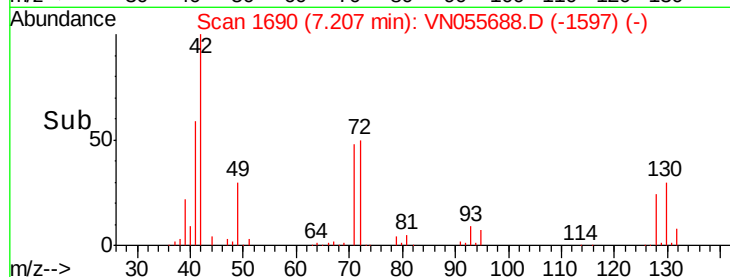
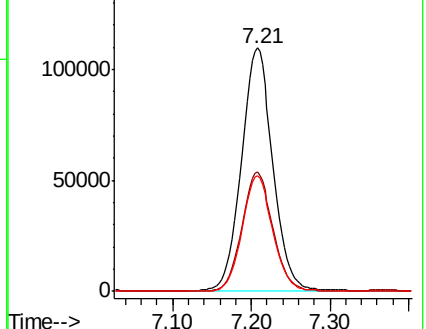
71 46.3 34.9 52.3



Abundance Ion 42.00 (41.70 to 42.70): VN055688.D (-1597) (-)

Ion 72.00 (71.70 to 72.70): VN055688.D (-1597) (-)

Ion 71.00 (70.70 to 71.70): VN055688.D (-1597) (-)



#30

Chloroform

Concen: 43.046 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN055688.D

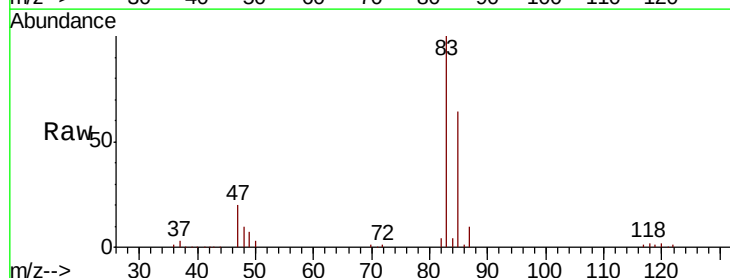
Acq: 20 May 2019 22:43

Tgt Ion: 83 Resp: 276150

Ion Ratio Lower Upper

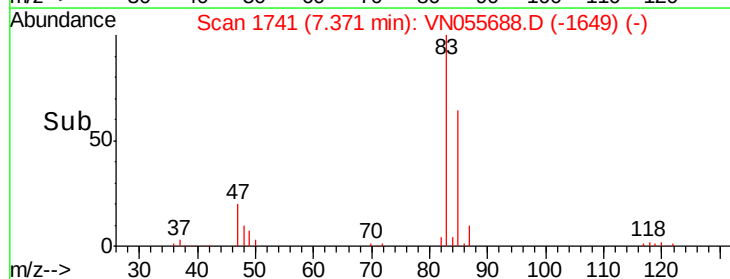
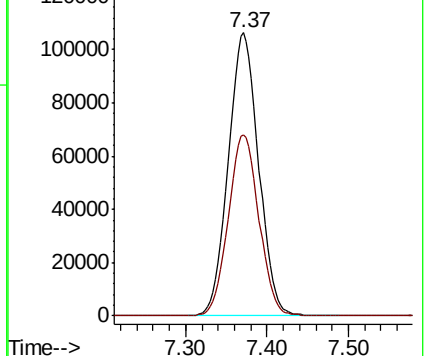
83 100

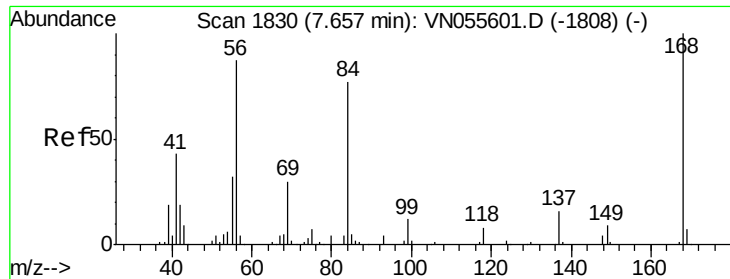
85 64.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN055688.D (-1649) (-)

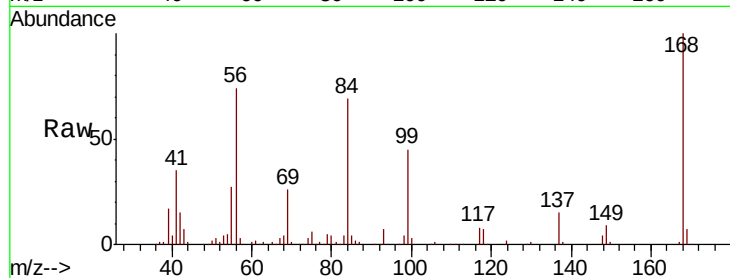
Ion 84.90 (84.60 to 85.60): VN055688.D (-1649) (-)



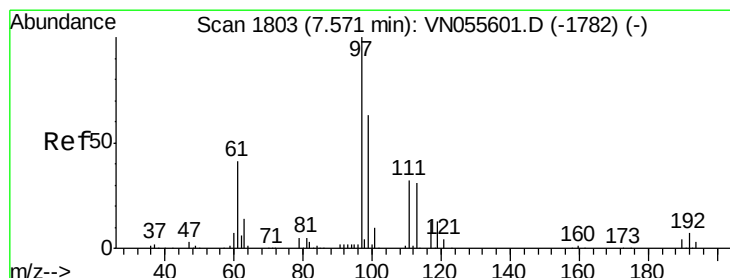
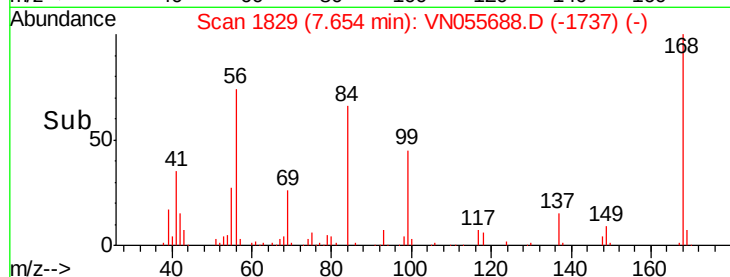
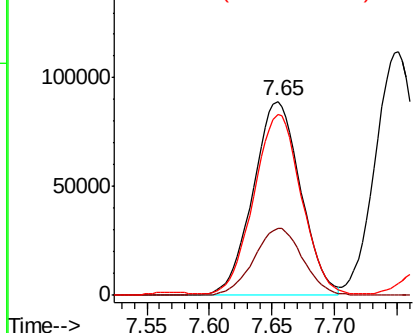


#31
Cyclohexane
Concen: 39.722 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tot Ion	56	69	84	Resp	235607	Lower	Upper
Ion	100	34.4	91.9				
		27.2	71.3				
		40.8	106.9				

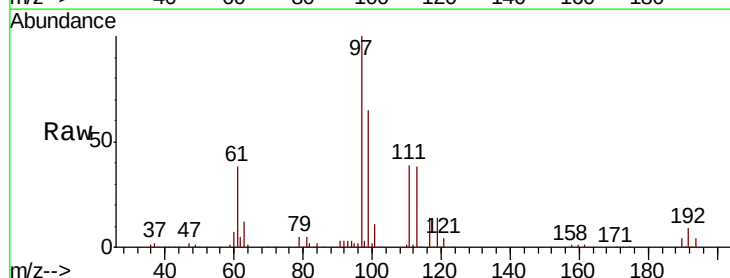


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

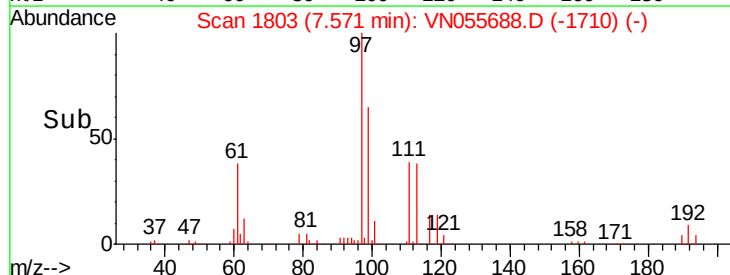
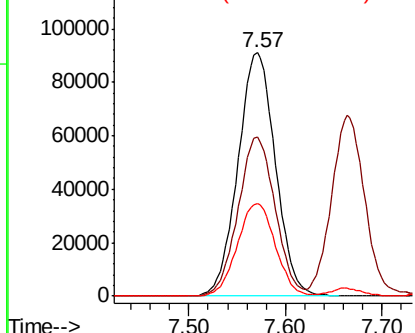


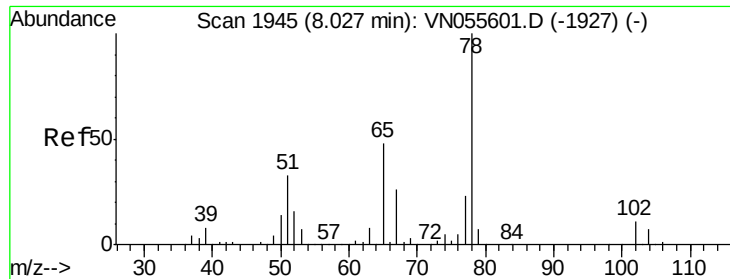
#32
1,1,1-Trichloroethane
Concen: 42.555 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion	97	99	61	Resp	244861	Lower	Upper
Ion	100	64.6	38.7				
		51.4	32.9				
		77.2	49.3				



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





#33

1,2-Dichloroethane-d4

Concen: 43.481 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055688.D

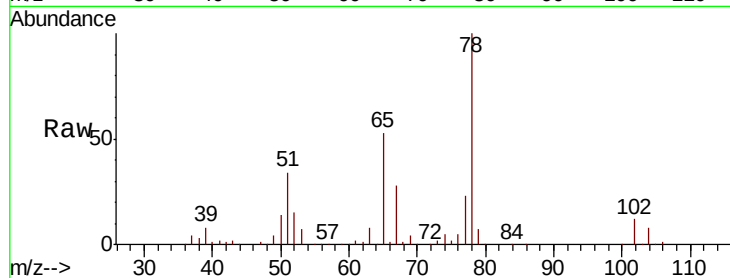
Acq: 20 May 2019 22:43

Tot Ion: 65 Resp: 173896

Ion Ratio Lower Upper

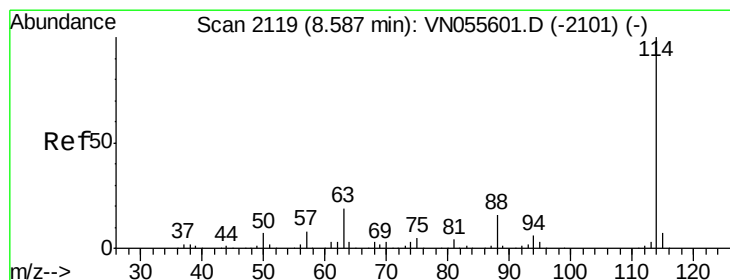
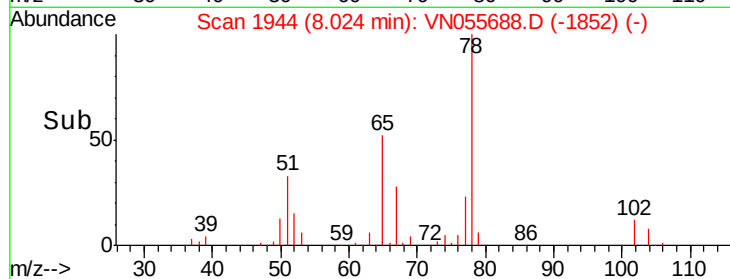
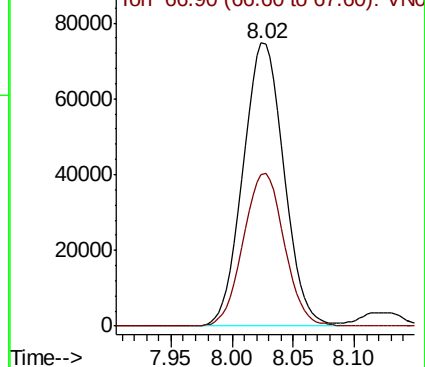
65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

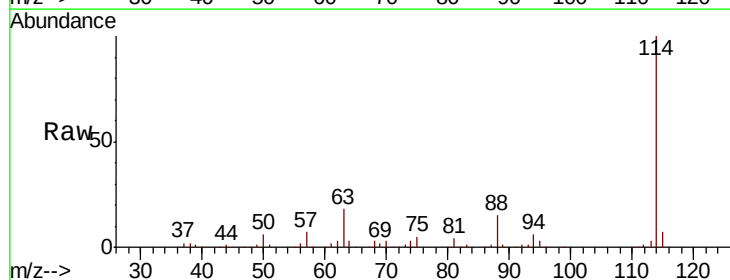
Tgt Ion: 114 Resp: 513055

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.2

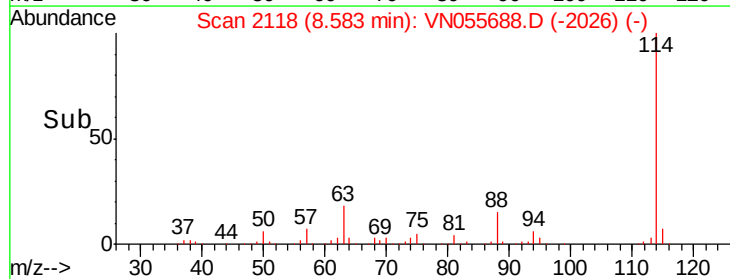
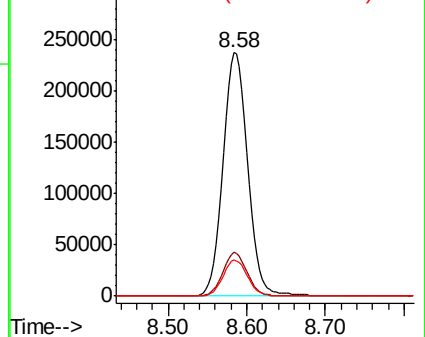
88 14.8 0.0 31.0

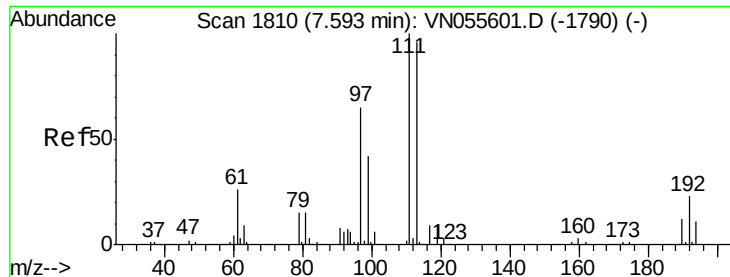


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

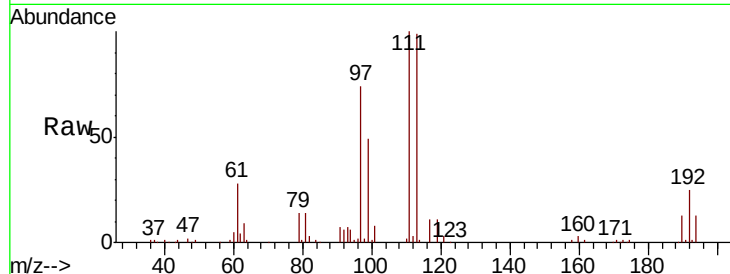
Ion 87.90 (87.60 to 88.60): VN0



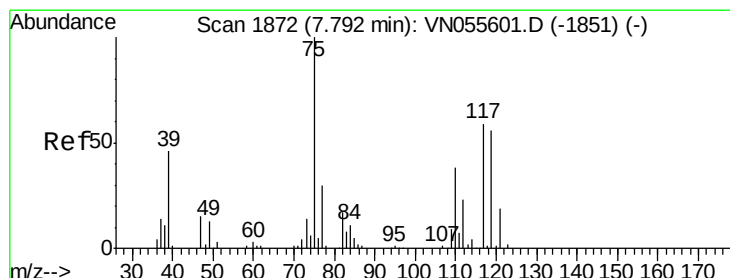
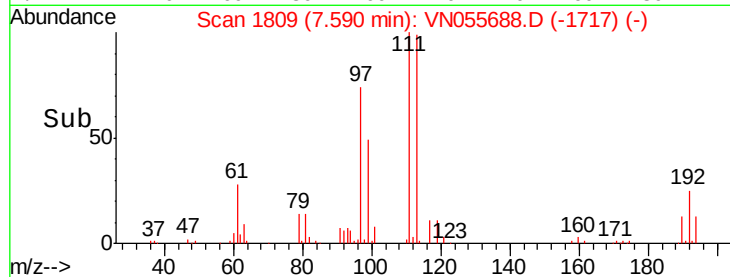
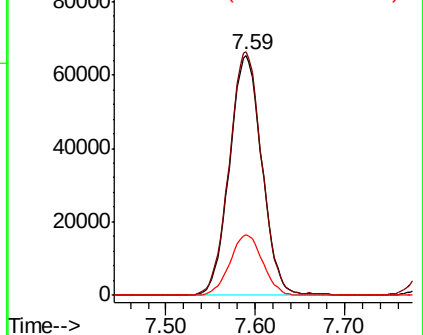


#35
 Dibromofluoromethane
 Concen: 50.560 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.5	123.7
192	25.5	18.7	28.1

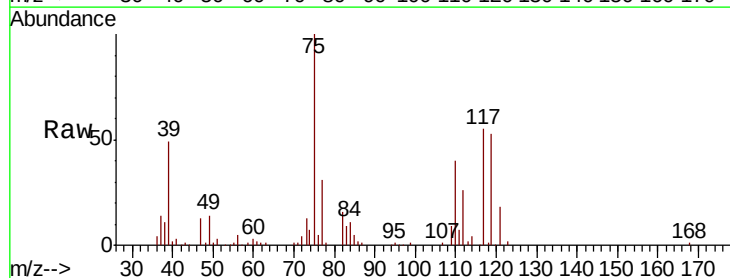


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

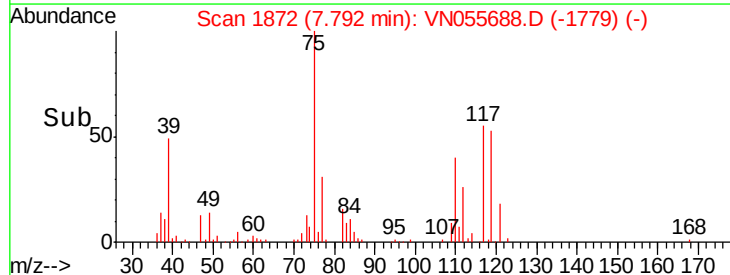
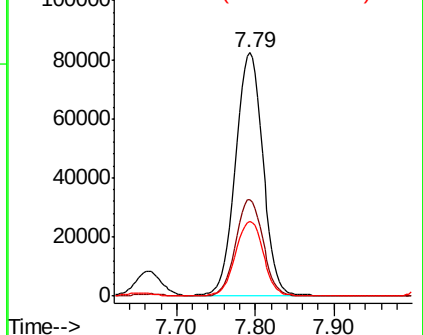


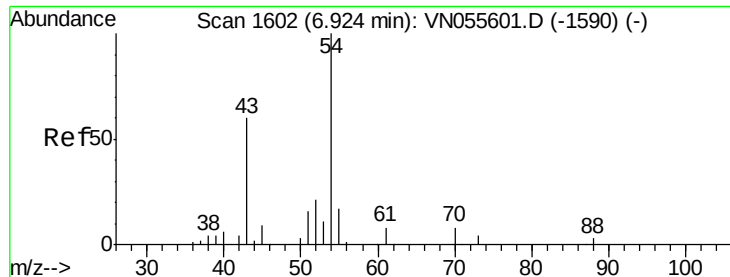
#36
 1,1-Dichloropropene
 Concen: 44.143 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.4	18.6	55.6
77	31.5	24.9	37.3



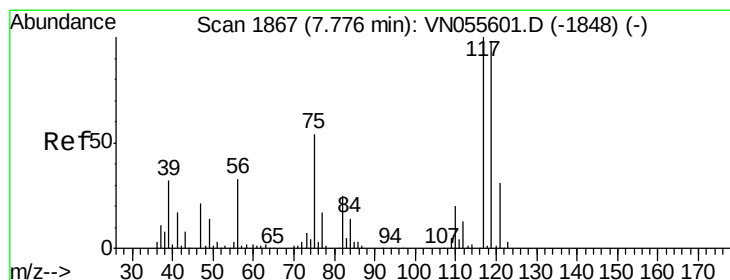
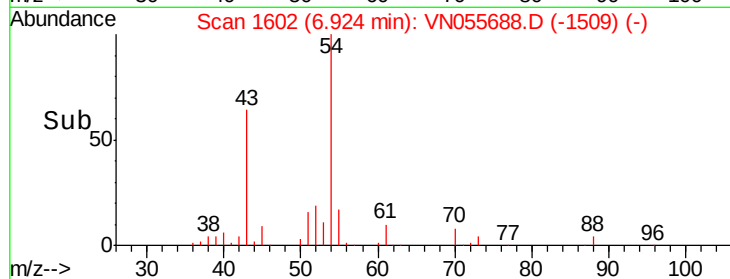
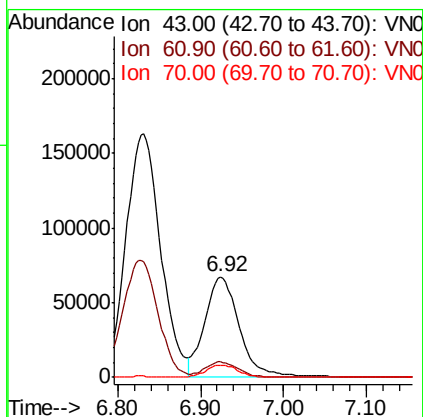
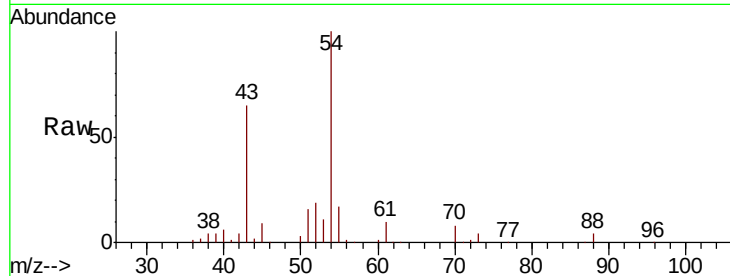
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





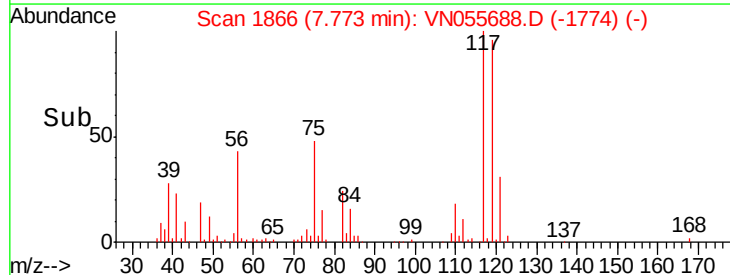
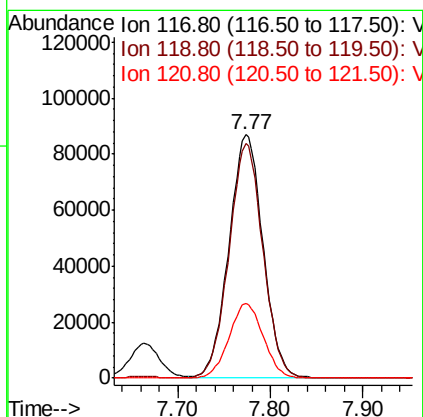
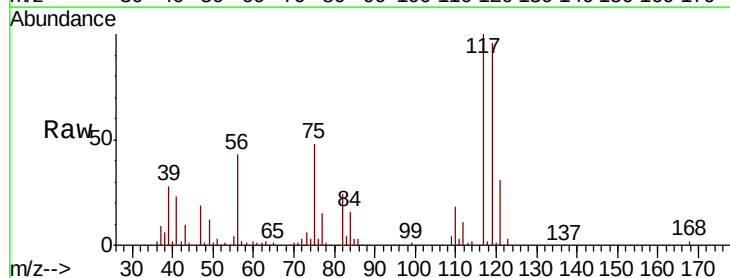
#37
Ethyl Acetate
Concen: 46.439 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

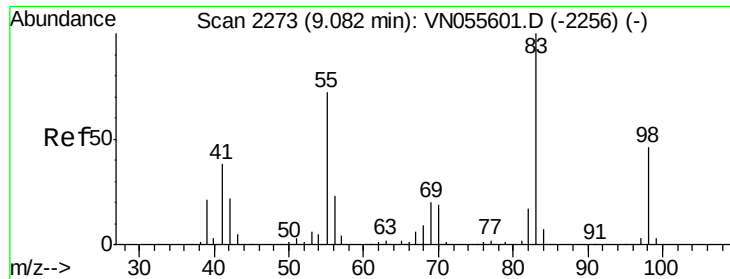
Tot Ion: 43 Resp: 191683
Ion Ratio Lower Upper
43 100
61 15.3 11.4 17.0
70 11.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 45.295 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion: 117 Resp: 221399
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8
121 30.8 24.6 37.0





#39

Methvlcvclohexane

Concen: 45.444 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

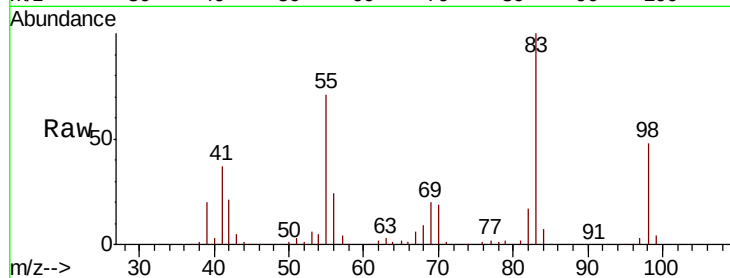
Tot Ion: 83 Resp: 250586

Ion Ratio Lower Upper

83 100

55 70.5 57.8 86.6

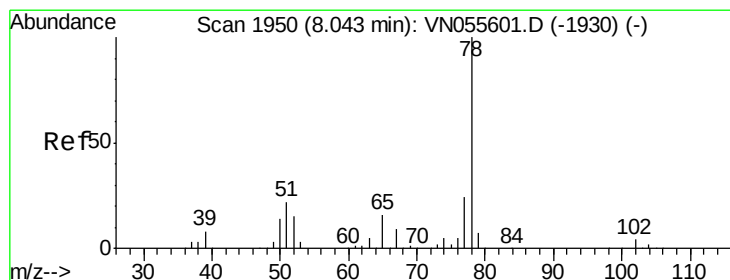
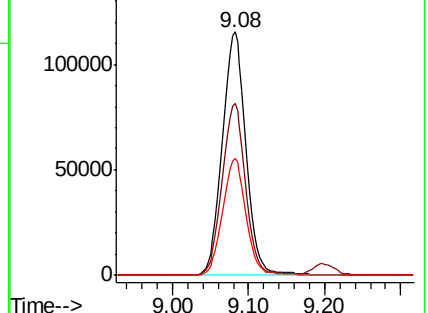
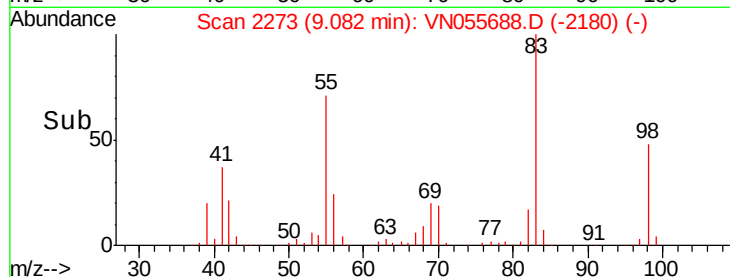
98 48.2 36.7 55.1



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: 46.607 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN055688.D

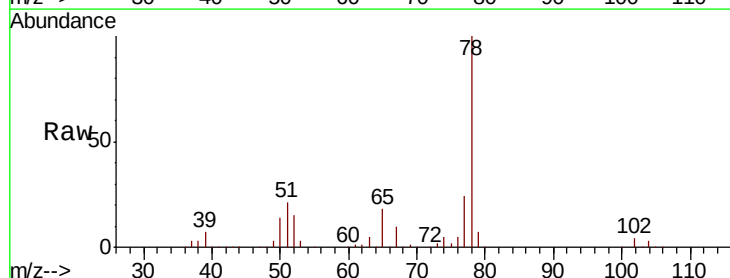
Acq: 20 May 2019 22:43

Tgt Ion: 78 Resp: 627054

Ion Ratio Lower Upper

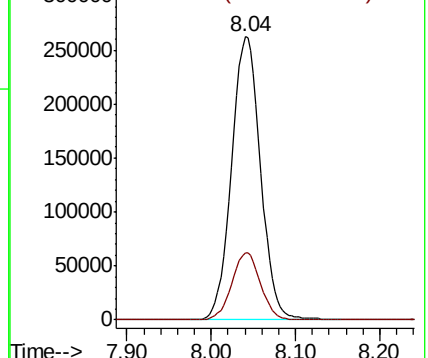
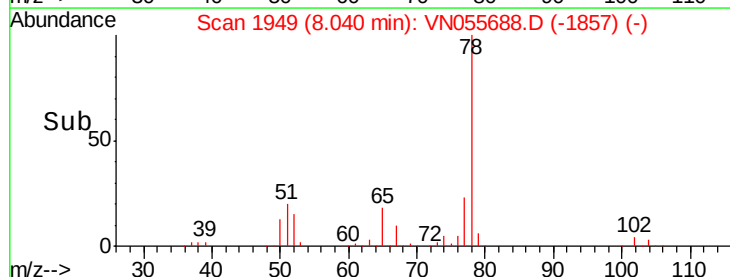
78 100

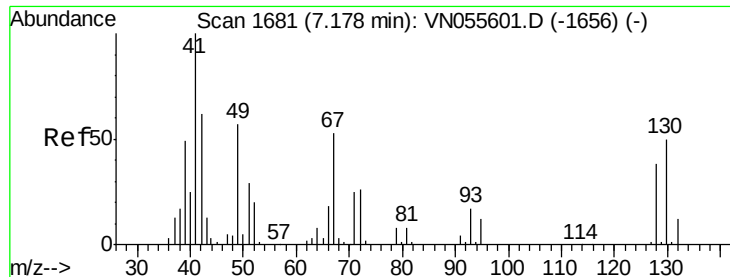
77 23.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0

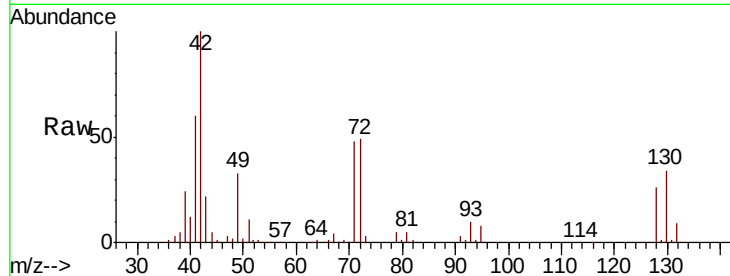
Ion 77.00 (76.70 to 77.70): VN0



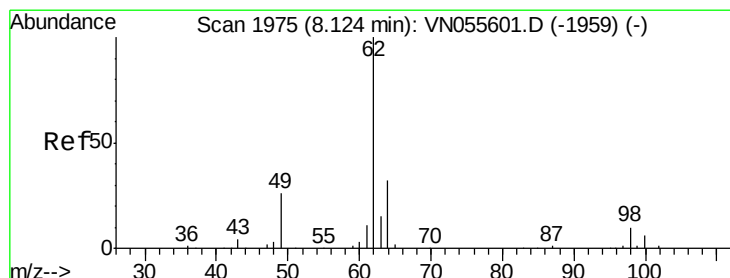
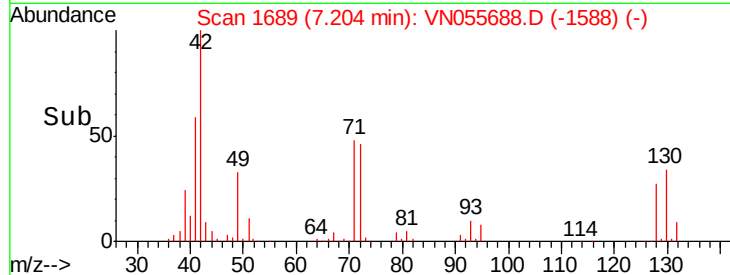
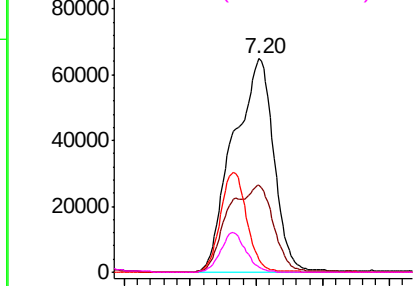


#41
Methacrylonitrile
Concen: 156.628 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.03 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tot Ion:	41	Resp:	276406
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

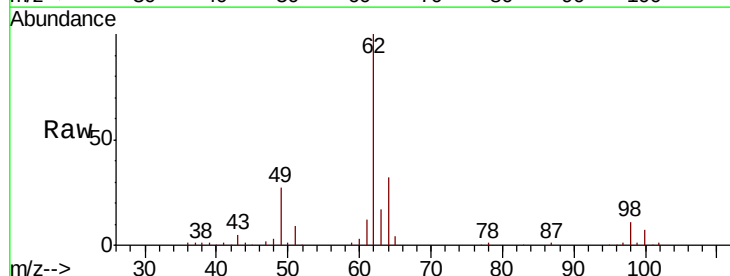


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

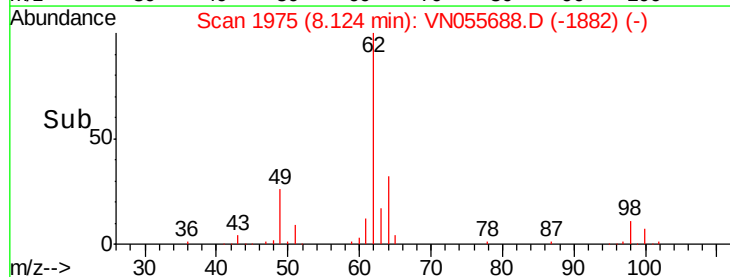
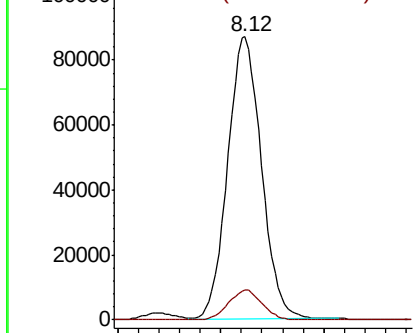


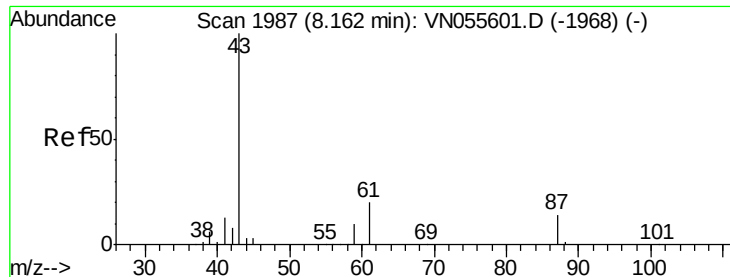
#42
1,2-Dichloroethane
Concen: 45.602 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion:	62	Resp:	198673
Ion	Ratio	Lower	Upper
62	100		
98	10.6	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: 47.536 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

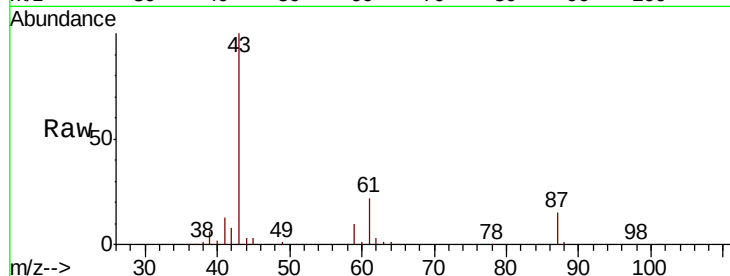
Tot Ion: 43 Resp: 341308

Ion Ratio Lower Upper

43 100

61 27.1 22.1 33.1

87 14.7 11.8 17.6



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

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

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

8.16

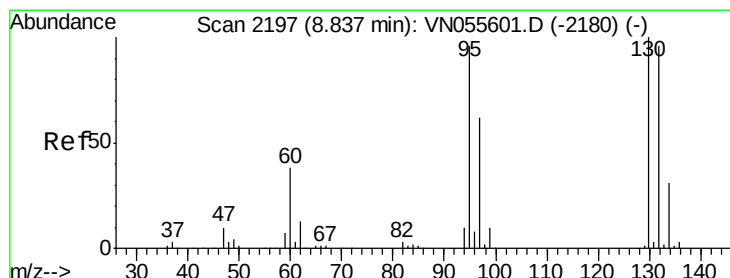
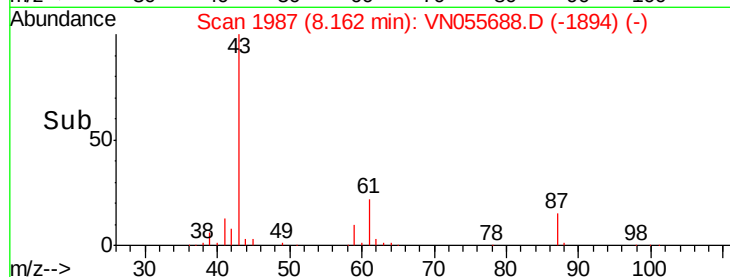
150000

100000

50000

0

Time--> 8.00 8.10 8.20 8.30



#44

Trichloroethene

Concen: 49.368 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055688.D

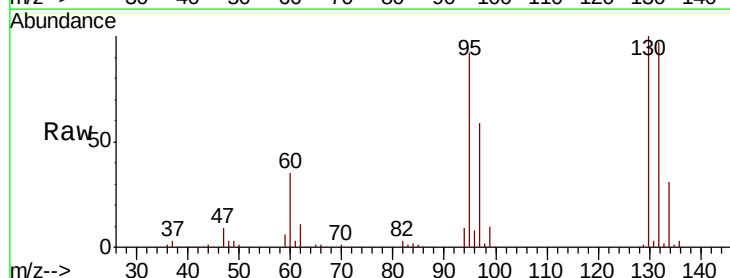
Acq: 20 May 2019 22:43

Tgt Ion:130 Resp: 187420

Ion Ratio Lower Upper

130 100

95 92.1 0.0 191.0



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

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

8.83

100000

80000

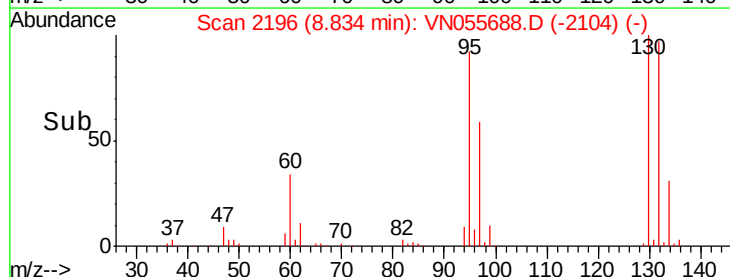
60000

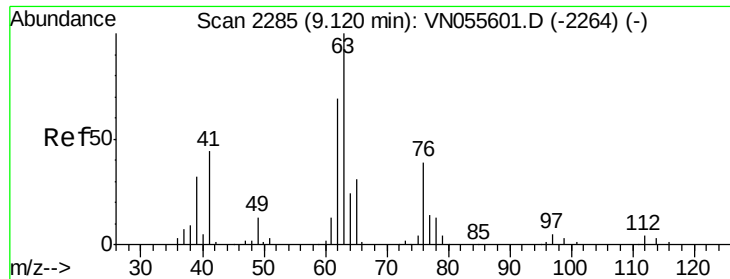
40000

20000

0

Time--> 8.70 8.80 8.90 9.00





#45

1,2-Dichloropropane

Concen: 45.845 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055688.D

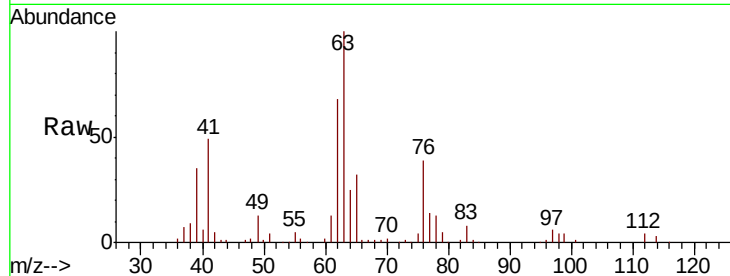
Acq: 20 May 2019 22:43

Tot Ion: 63 Resp: 162492

Ion Ratio Lower Upper

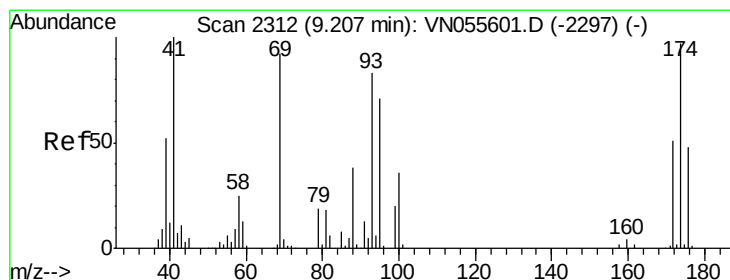
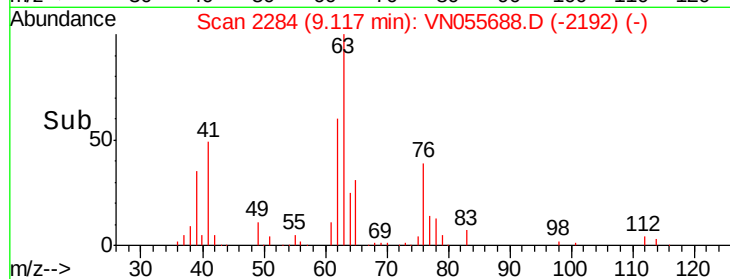
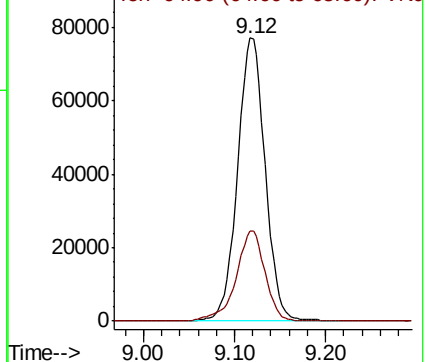
63 100

65 31.7 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: 47.696 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

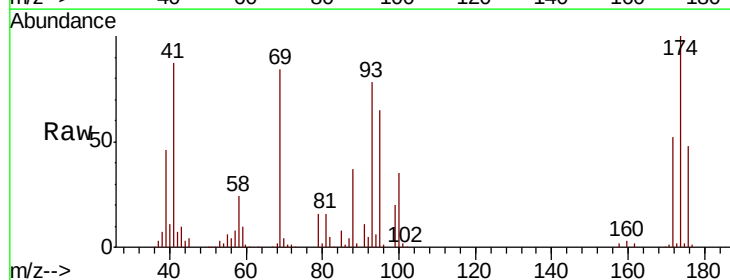
Tgt Ion: 93 Resp: 110644

Ion Ratio Lower Upper

93 100

95 83.2 67.9 101.9

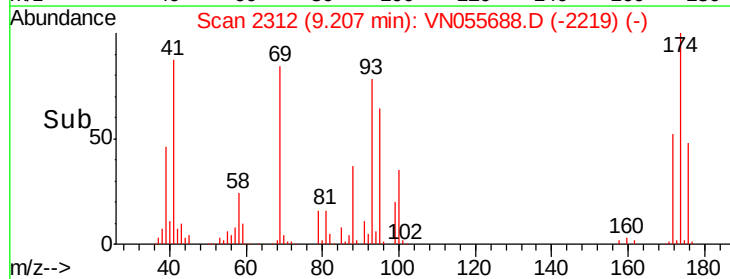
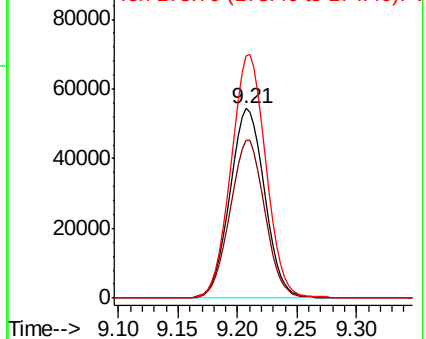
174 128.5 93.8 140.6

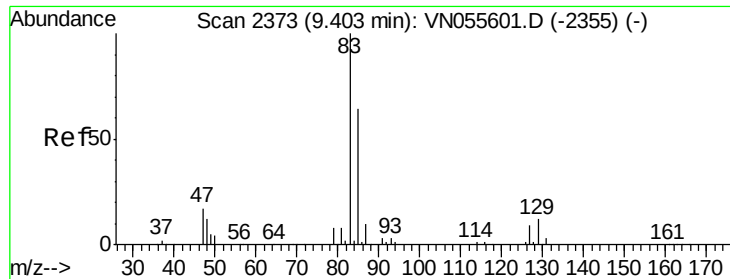


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 45.926 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

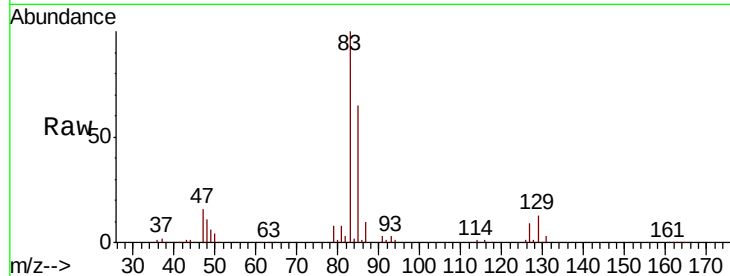
Tot Ion: 83 Resp: 223288

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0

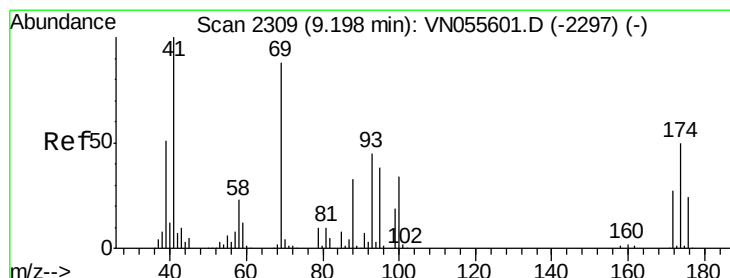
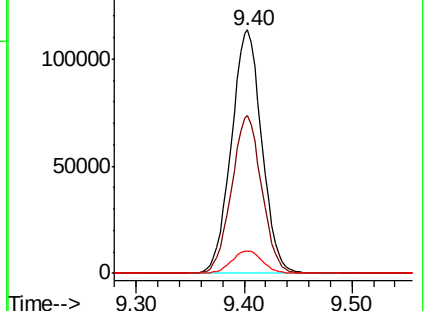
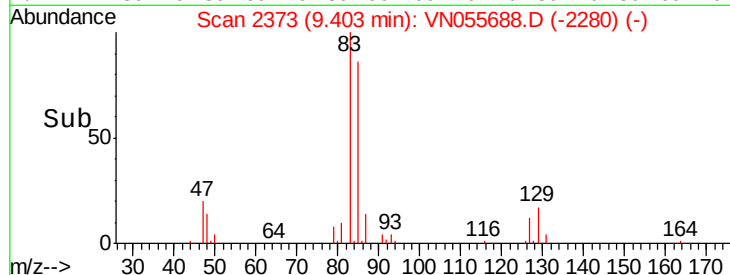
127 9.4 7.1 10.7



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: 46.114 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

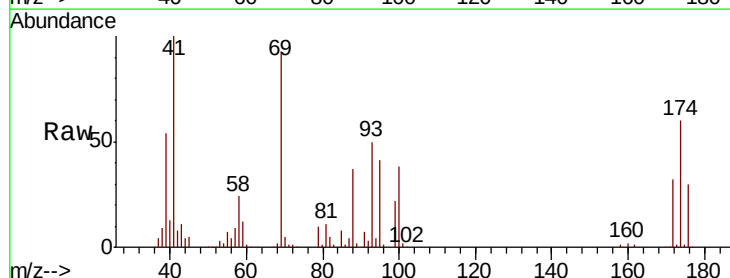
Tgt Ion: 41 Resp: 147991

Ion Ratio Lower Upper

41 100

69 98.3 74.2 111.2

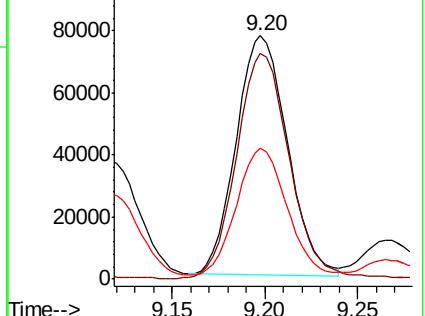
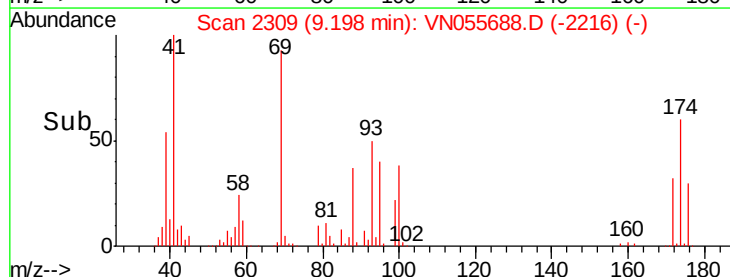
39 55.4 43.8 65.8

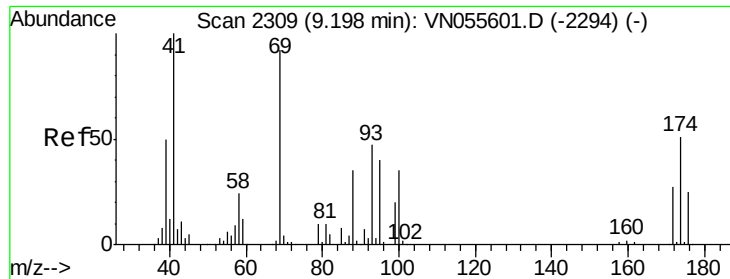


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1101.618 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

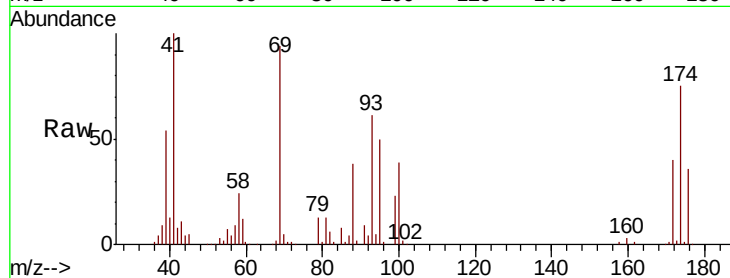
Tot Ion: 88 Resp: 70250

Ion Ratio Lower Upper

88 100

43 23.8 22.4 33.6

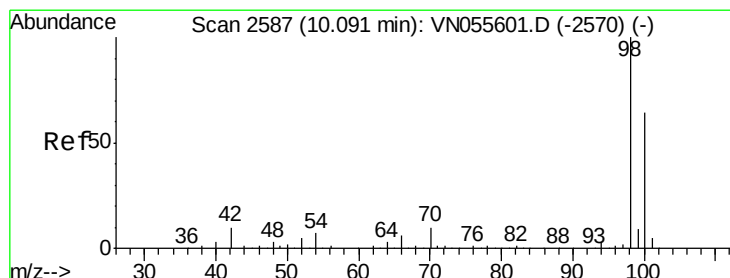
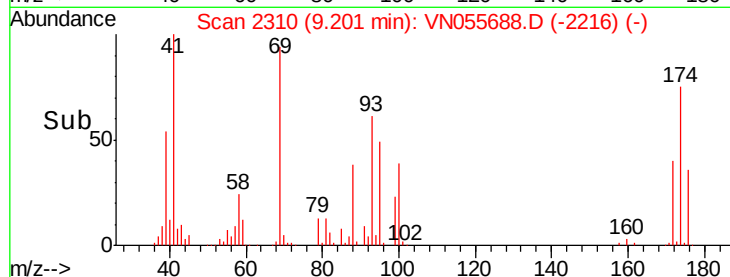
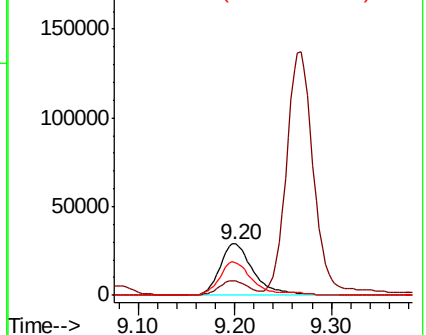
58 65.6 53.4 80.2



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: 49.360 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055688.D

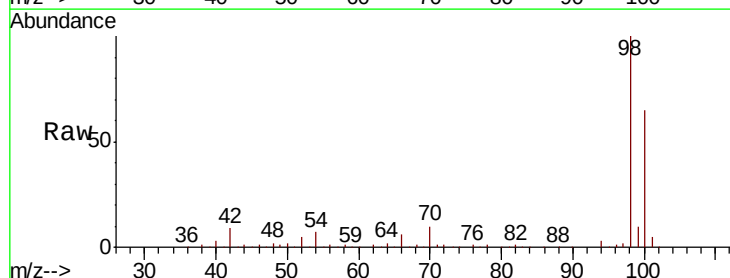
Acq: 20 May 2019 22:43

Tgt Ion: 98 Resp: 608280

Ion Ratio Lower Upper

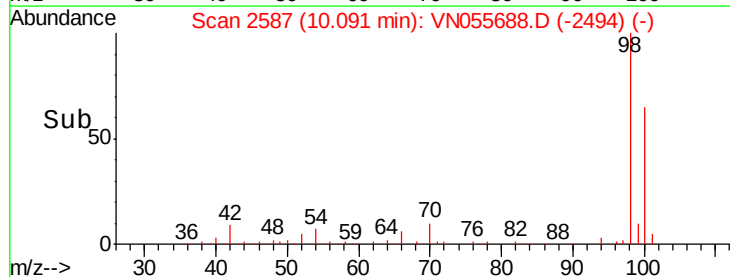
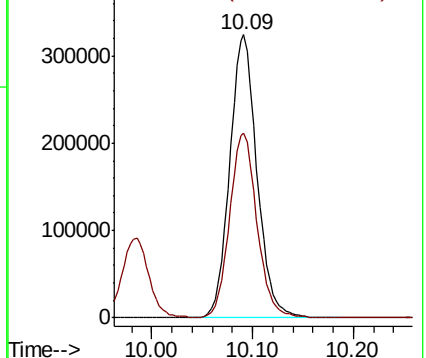
98 100

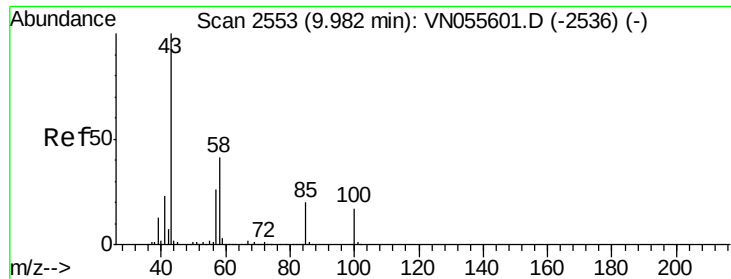
100 65.7 51.9 77.9



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: 227.003 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055688.D

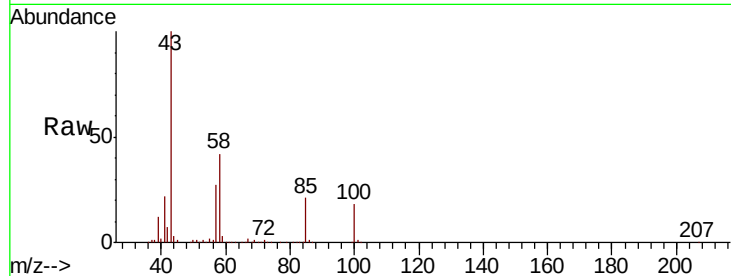
Acq: 20 May 2019 22:43

Tot Ion: 43 Resp: 956064

Ion Ratio Lower Upper

43 100

58 42.1 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055688.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN055688.D (-2460) (-)

9.98

500000

400000

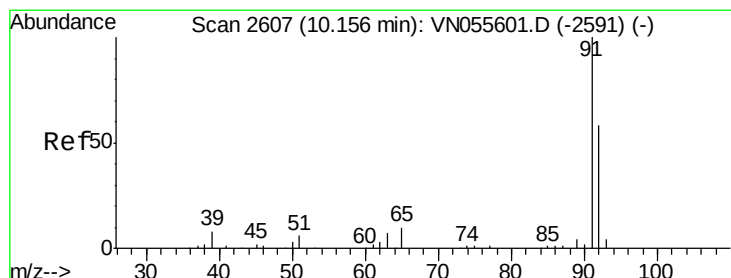
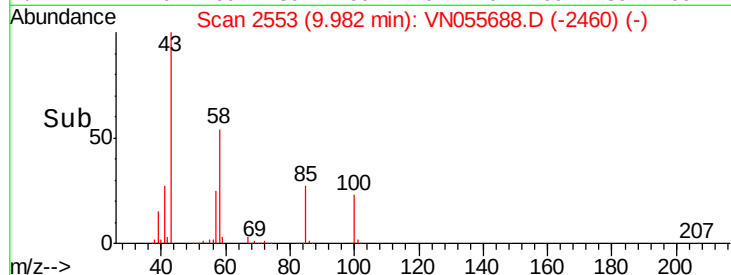
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.022 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055688.D

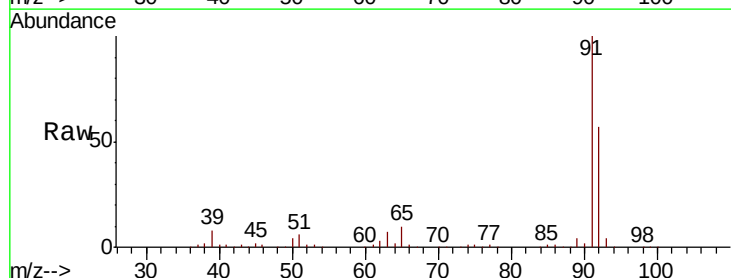
Acq: 20 May 2019 22:43

Tgt Ion: 92 Resp: 405239

Ion Ratio Lower Upper

92 100

91 173.7 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055688.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN055688.D (-2514) (-)

10.16

400000

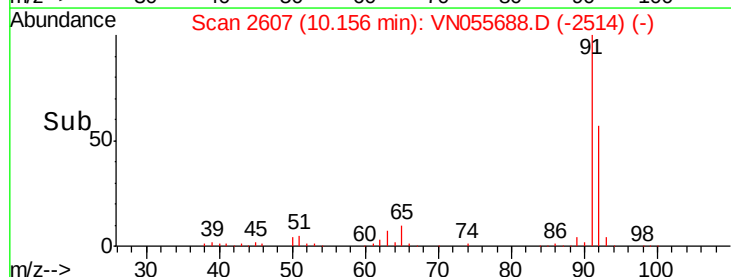
300000

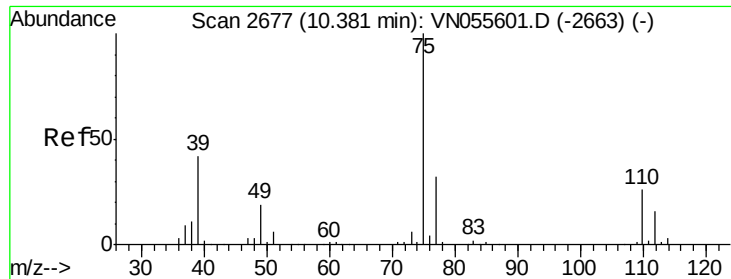
200000

100000

0

Time-->

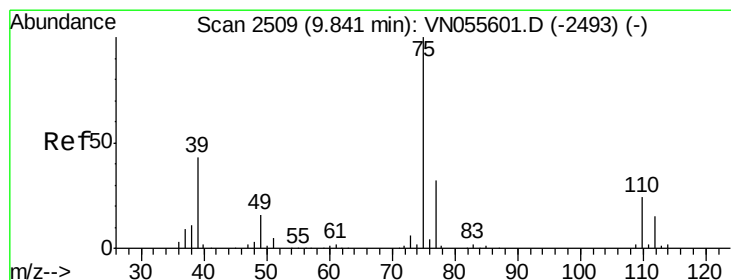
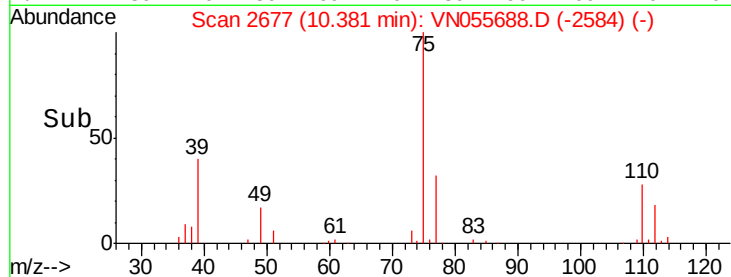
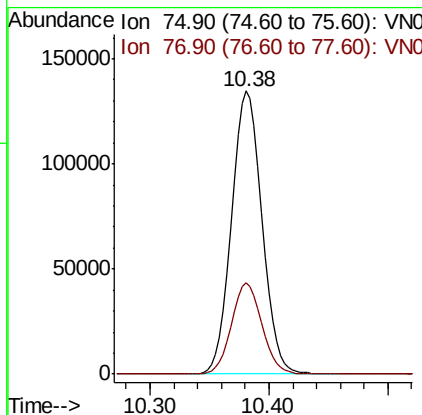
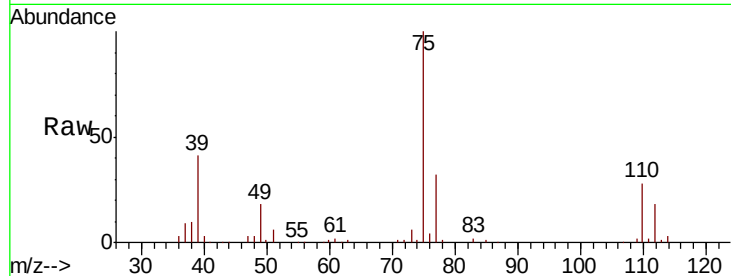




#53
t-1,3-Dichloropropene
Concen: 45.638 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tot Ion: 75 Resp: 238814

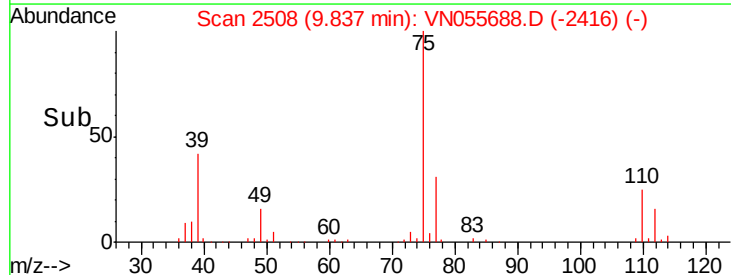
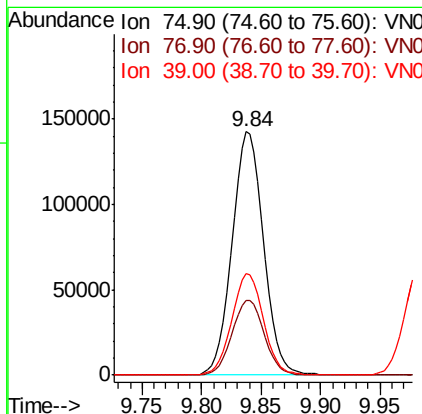
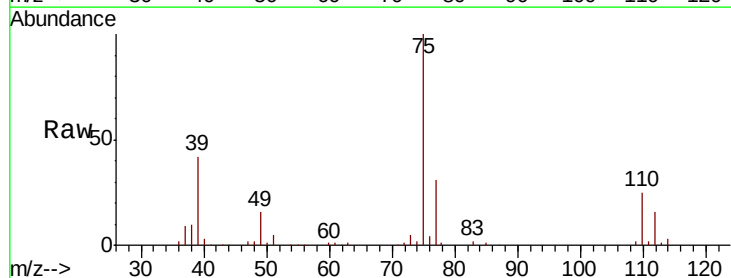
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2

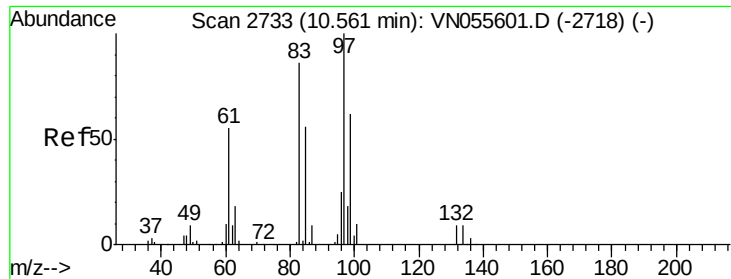


#54
cis-1,3-Dichloropropene
Concen: 45.558 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion: 75 Resp: 261168

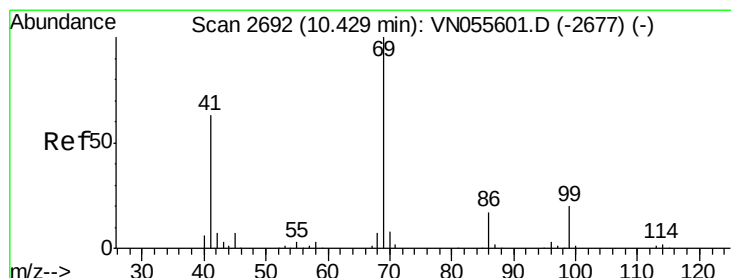
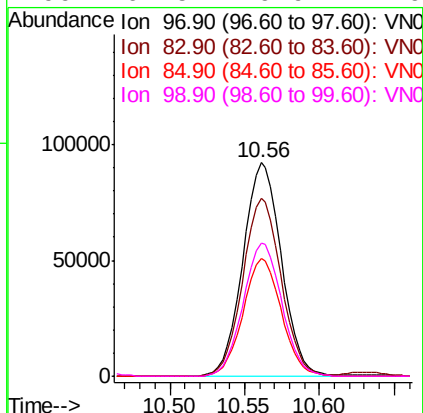
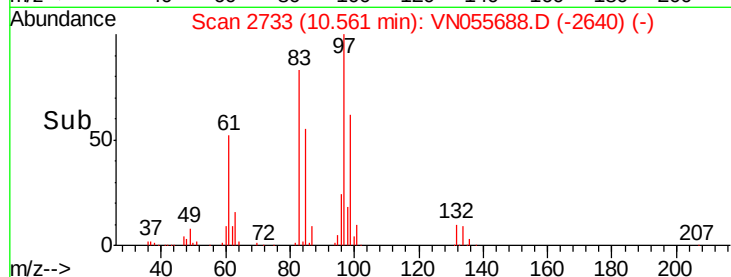
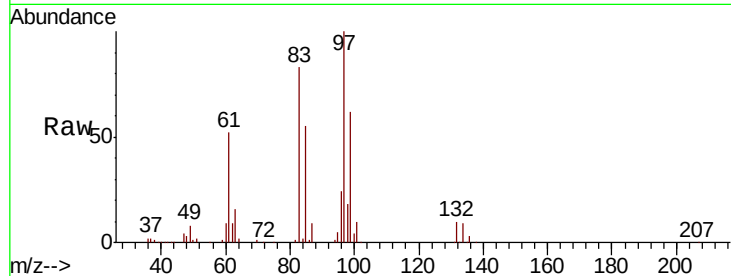
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.7	38.5
39	41.5	34.7	52.1





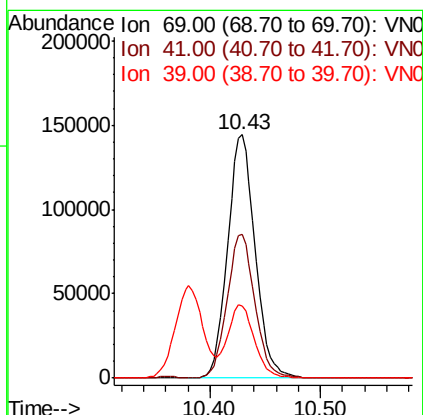
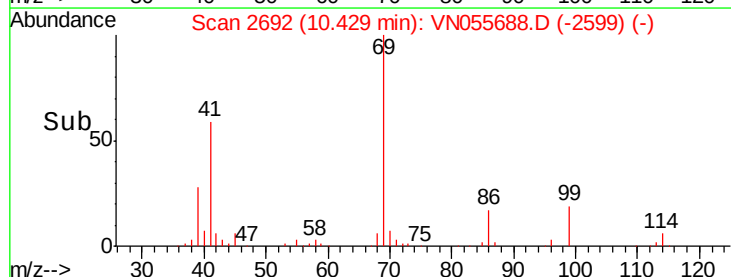
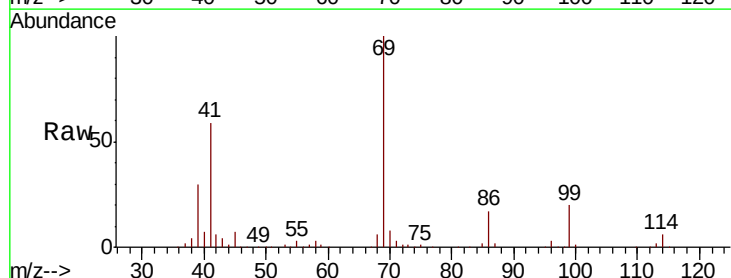
#55
 1,1,2-Trichloroethane
 Concen: 47.516 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

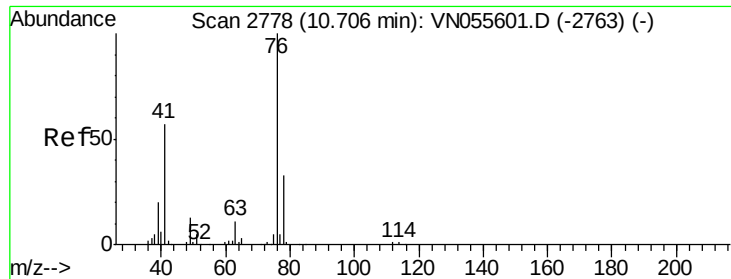
Tot Ion:	97	Resp:	165073
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.4	102.6
85	55.0	44.8	67.2
99	62.5	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 46.056 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tgt Ion:	69	Resp:	249766
Ion	Ratio	Lower	Upper
69	100		
41	59.3	50.3	75.5
39	29.1	25.4	38.2





#57

1,3-Dichloropropane

Concen: 47.413 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055688.D

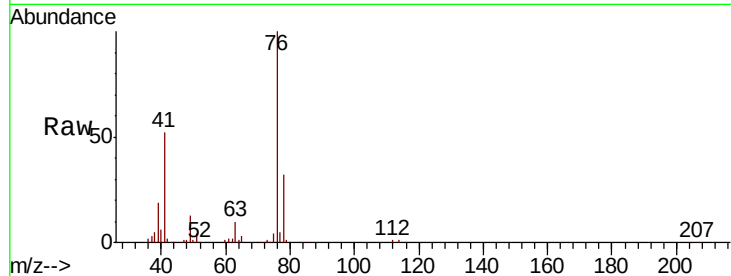
Acq: 20 May 2019 22:43

Tot Ion: 76 Resp: 260873

Ion Ratio Lower Upper

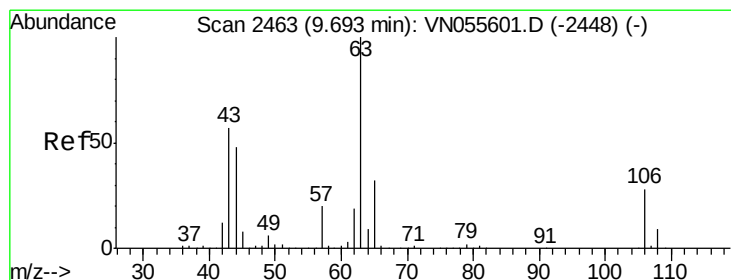
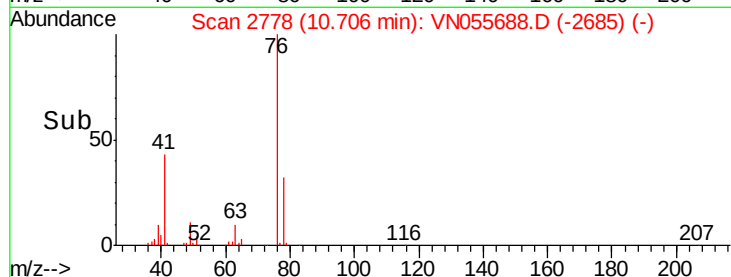
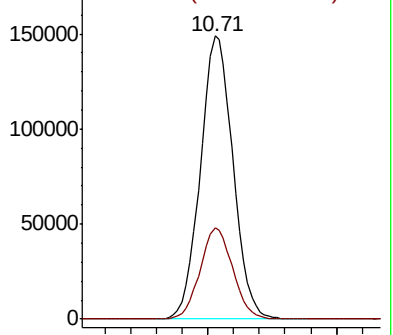
76 100

78 32.4 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: 215.238 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN055688.D

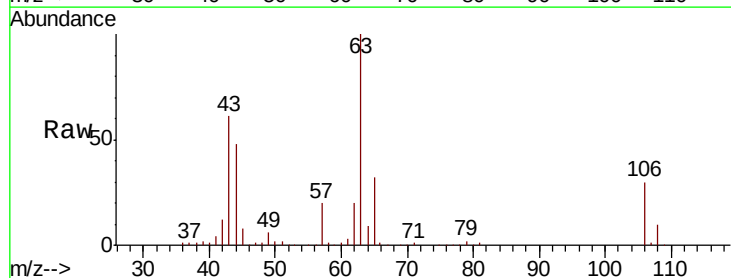
Acq: 20 May 2019 22:43

Tgt Ion: 63 Resp: 495967

Ion Ratio Lower Upper

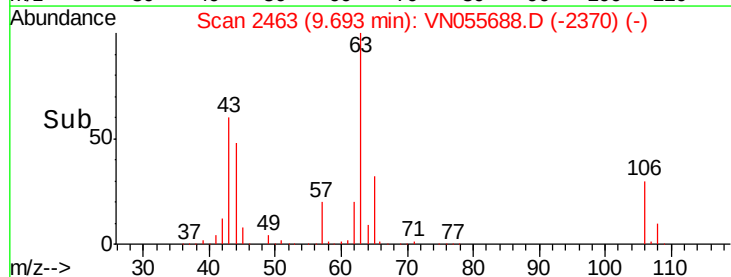
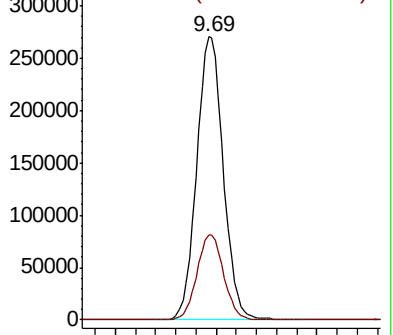
63 100

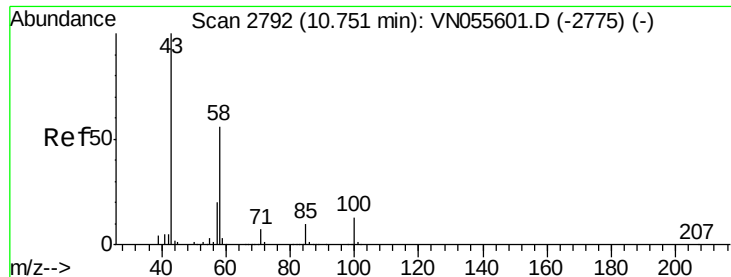
106 30.2 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

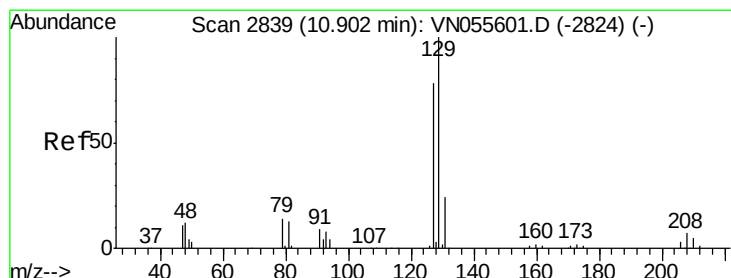
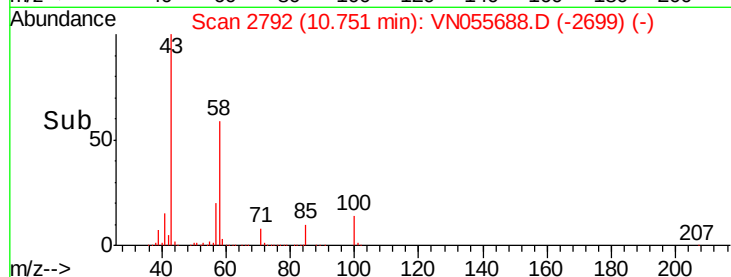
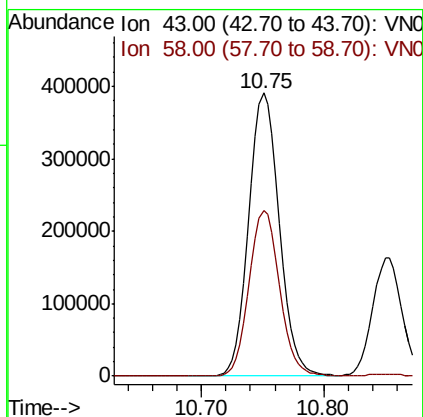
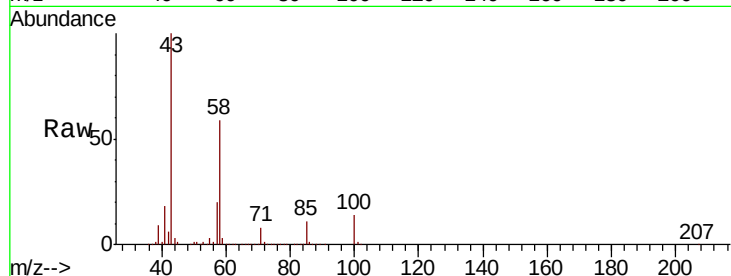
Ion 105.90 (105.60 to 106.60): V





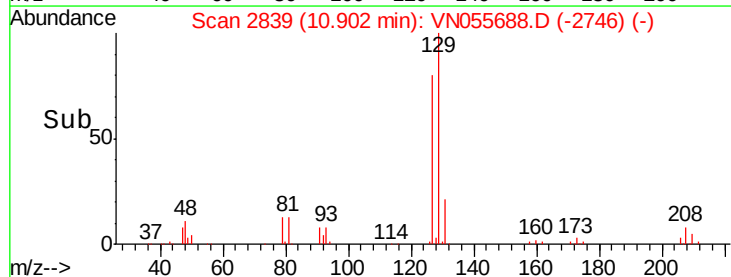
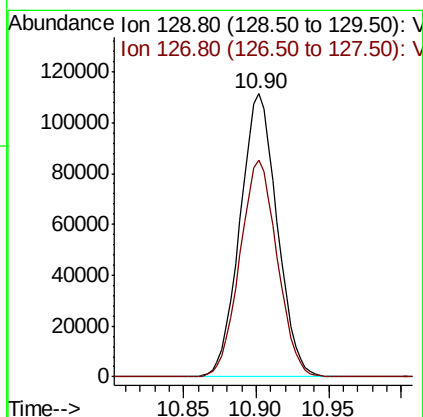
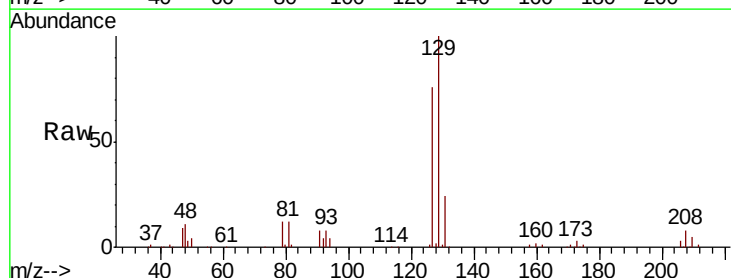
#59
2-Hexanone
Concen: 226.903 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

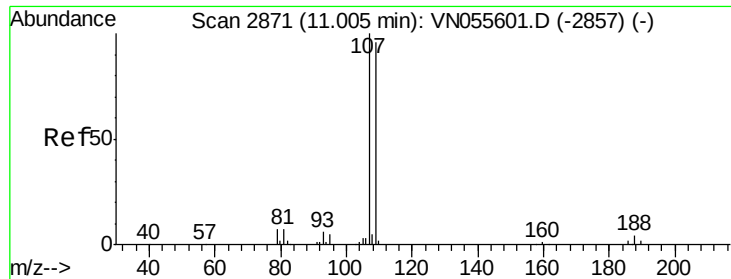
Tot Ion: 43 Resp: 672820
Ion Ratio Lower Upper
43 100
58 58.4 28.1 84.4



#60
Dibromochloromethane
Concen: 50.376 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion: 129 Resp: 198348
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.199 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055688.D

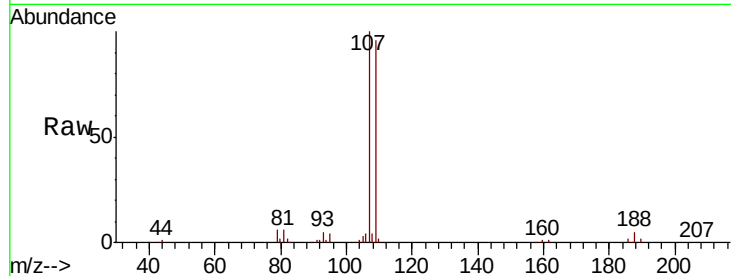
Acq: 20 May 2019 22:43

Tot Ion: 107 Resp: 171015

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

11.01

100000

80000

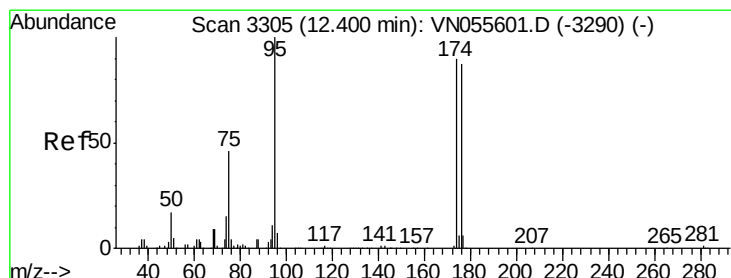
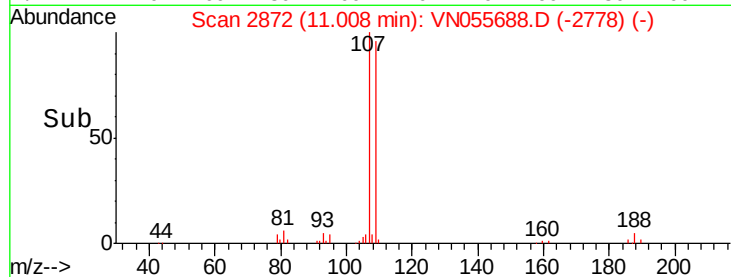
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.953 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

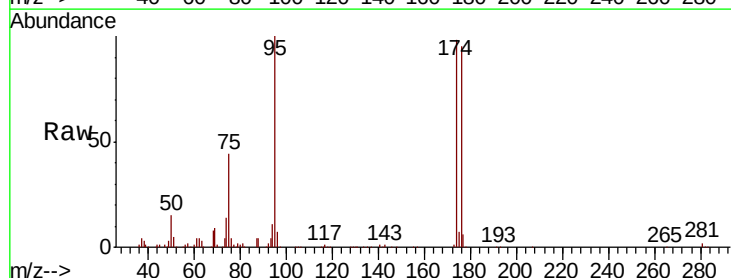
Tgt Ion: 95 Resp: 216825

Ion Ratio Lower Upper

95 100

174 98.4 0.0 180.6

176 96.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

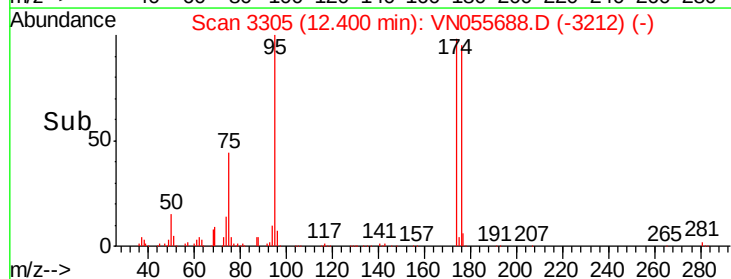
150000

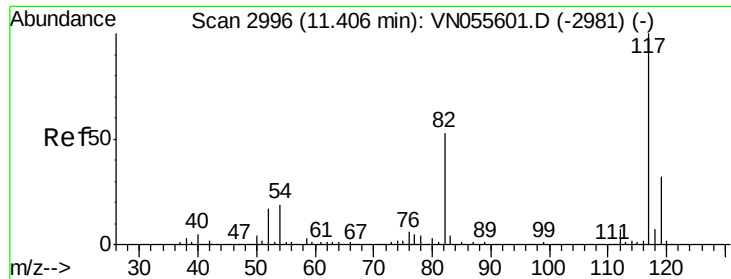
100000

50000

0

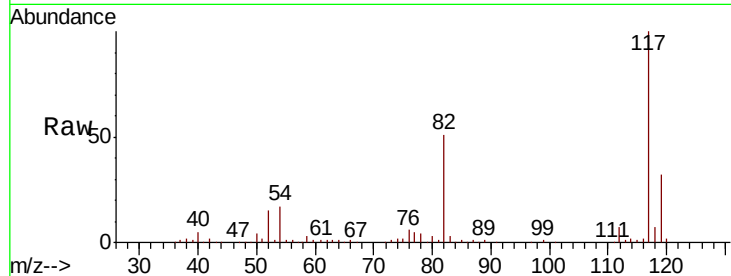
Time-->



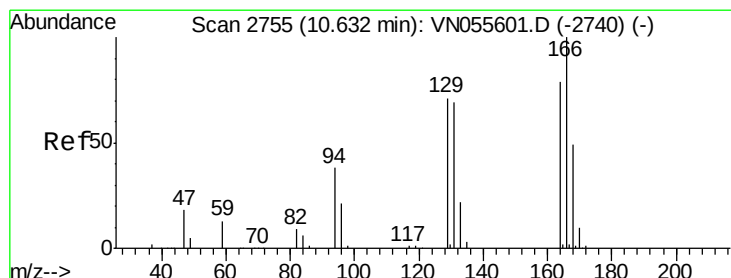
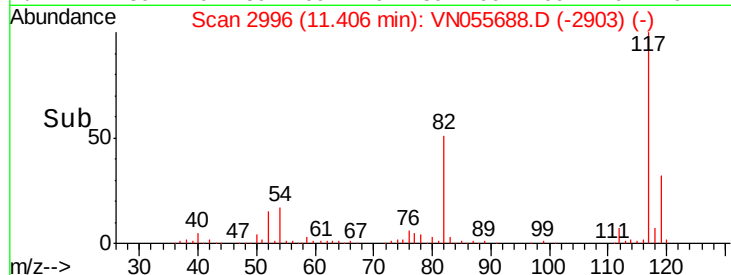
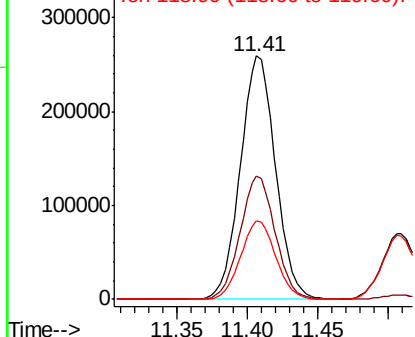


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tot Ion:117 Resp: 452880
Ion Ratio Lower Upper
117 100
82 50.9 42.3 63.5
119 32.3 25.4 38.2

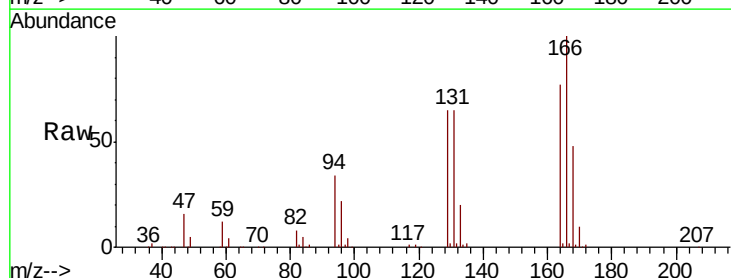


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

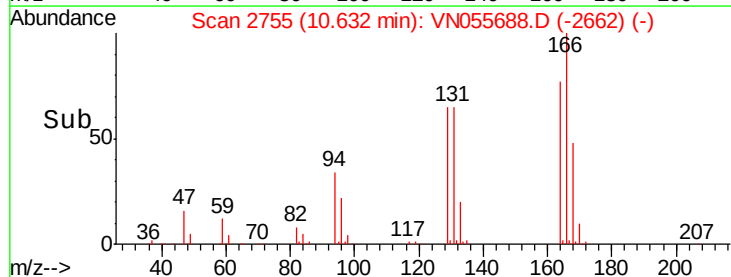
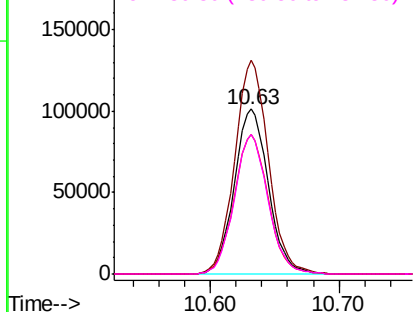


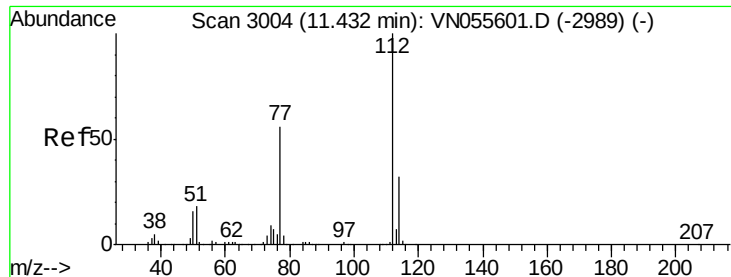
#64
Tetrachloroethene
Concen: 52.090 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion:164 Resp: 186068
Ion Ratio Lower Upper
164 100
166 129.4 101.0 151.6
129 84.5 71.7 107.5
131 84.2 69.6 104.4



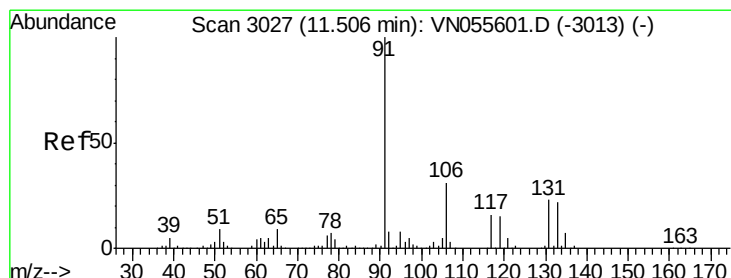
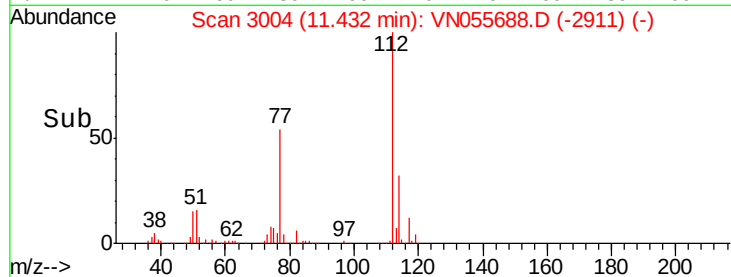
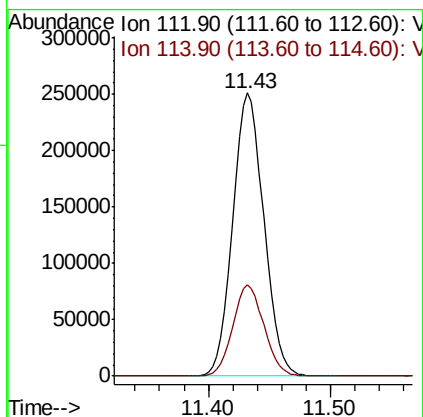
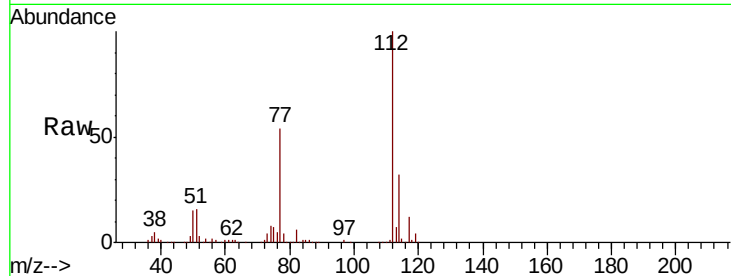
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





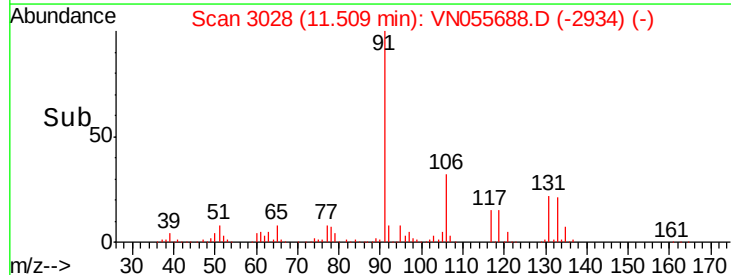
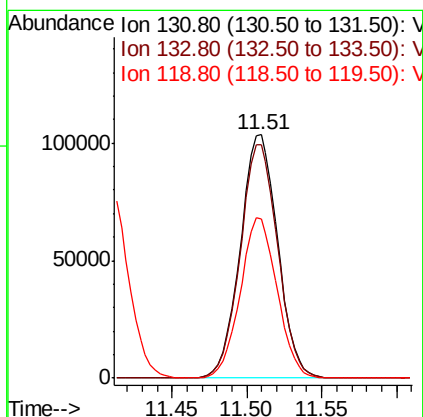
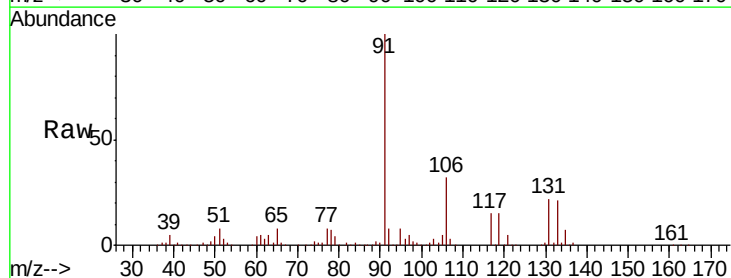
#65
Chlorobenzene
Concen: 48.428 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

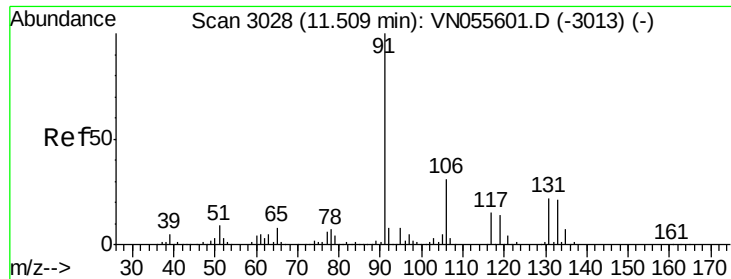
Tot Ion:112 Resp: 443596
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.859 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

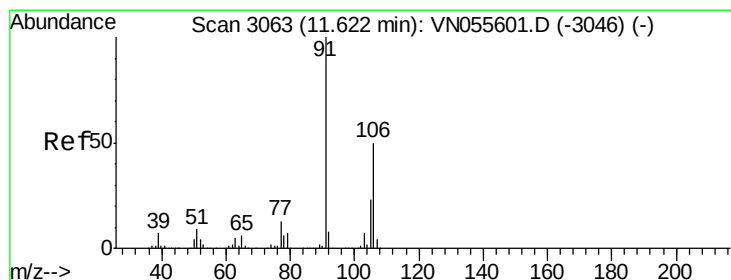
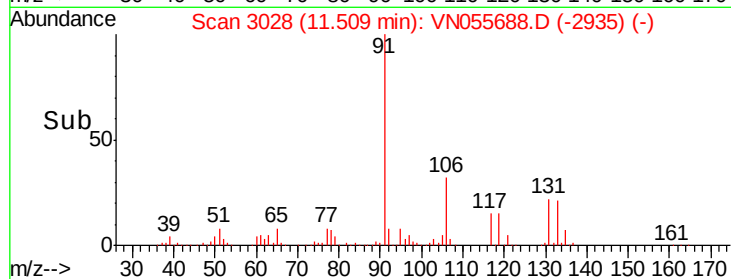
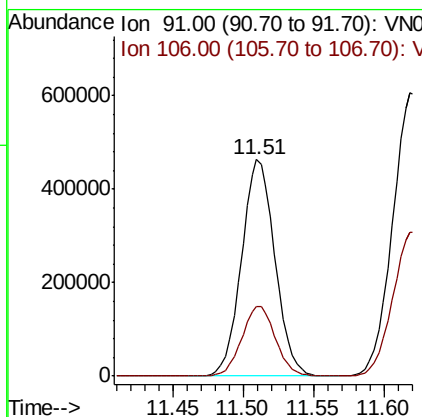
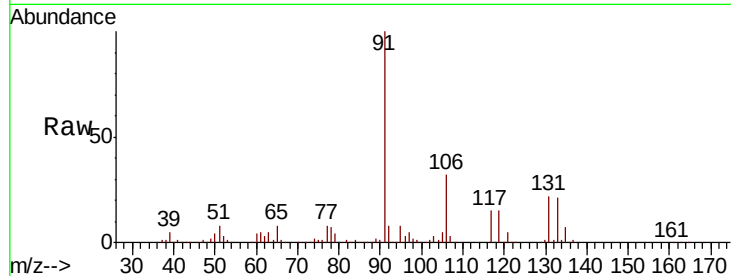
Tgt Ion:131 Resp: 180045
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 65.0 33.3 99.8





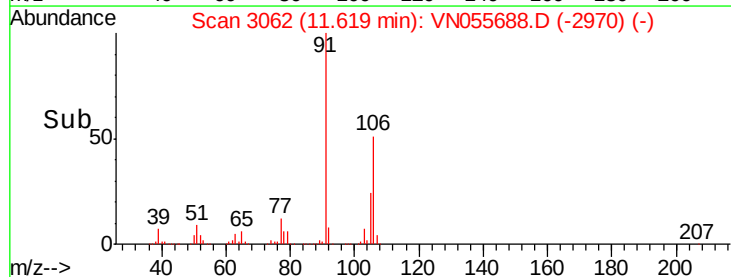
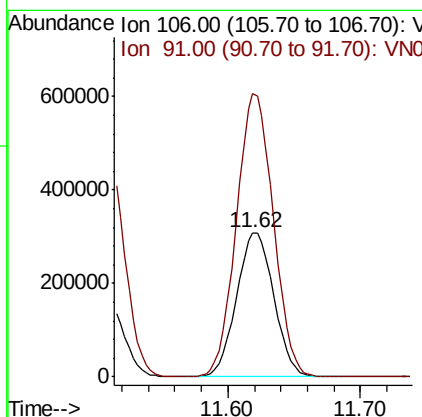
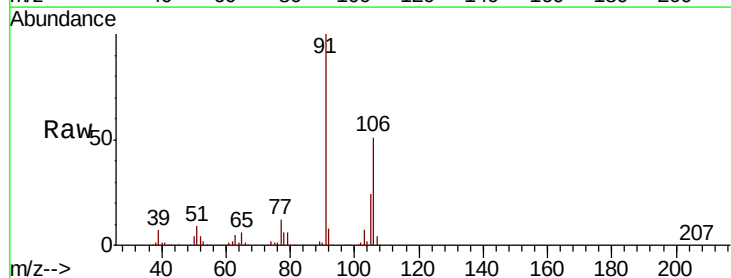
#67
Ethyl Benzene
Concen: 47.125 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

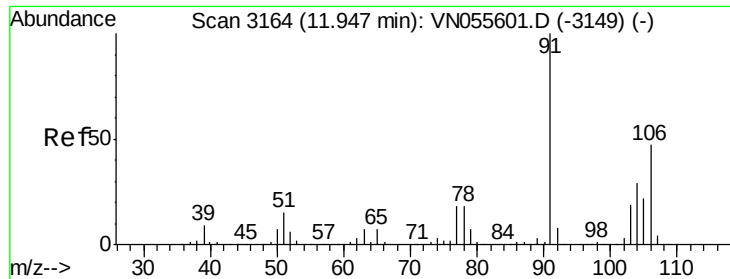
Tot Ion: 91 Resp: 768977
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8



#68
m/p-Xylenes
Concen: 97.484 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

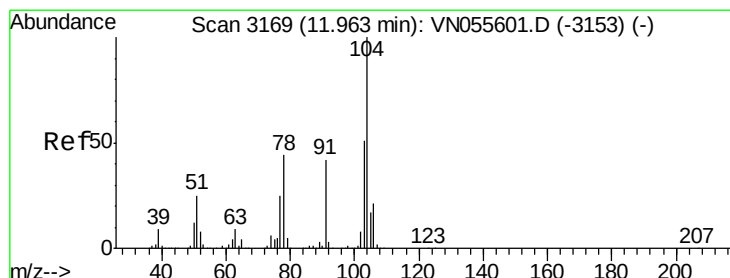
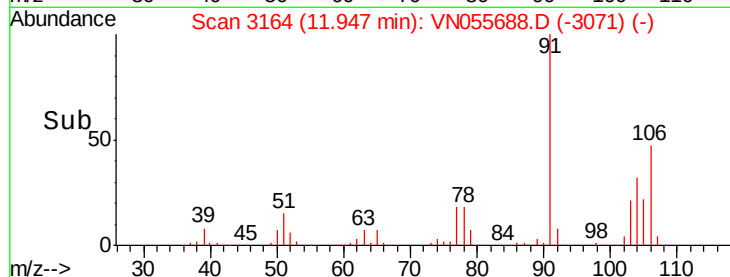
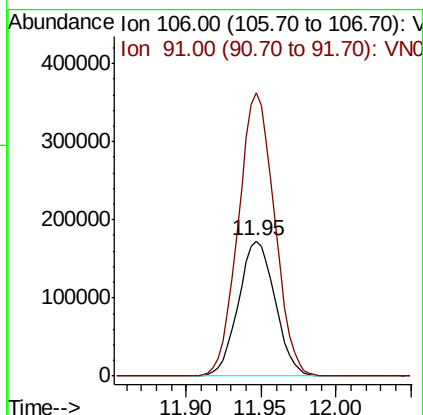
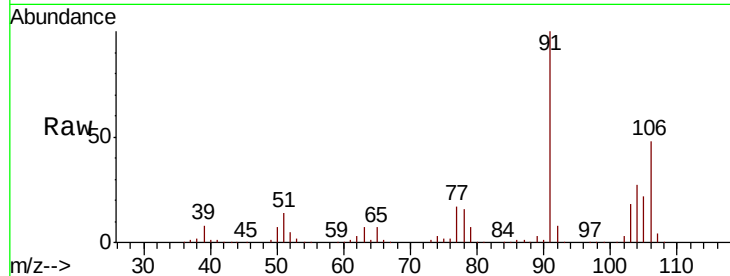
Tgt Ion:106 Resp: 600720
Ion Ratio Lower Upper
106 100
91 194.9 160.5 240.7





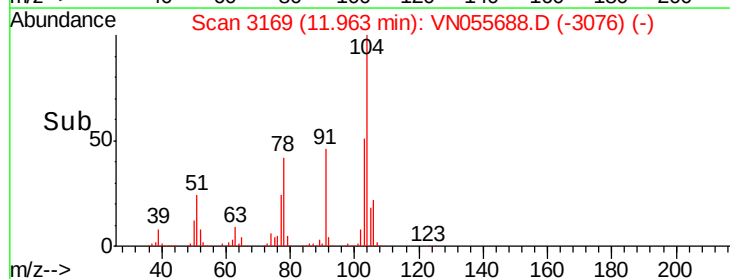
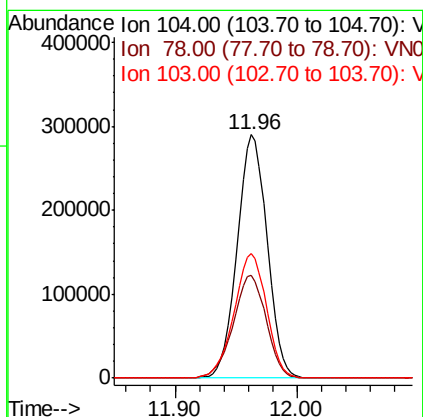
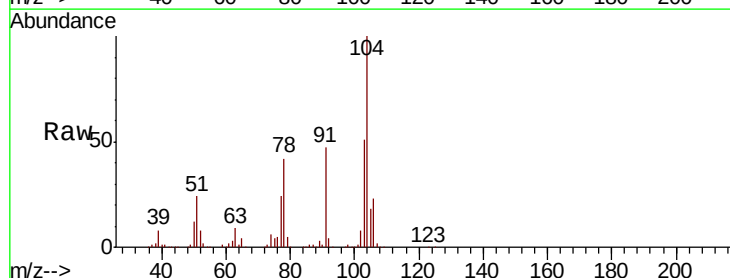
#69
o-Xylene
Concen: 48.981 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

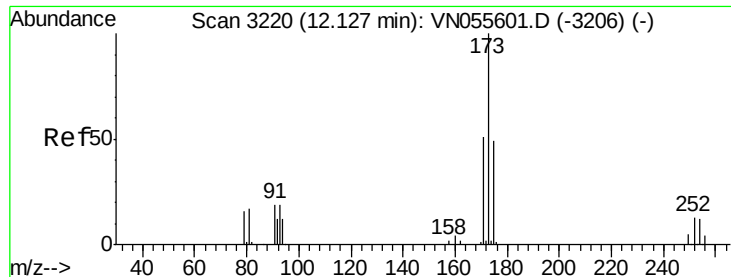
Tot Ion:106 Resp: 295215
Ion Ratio Lower Upper
106 100
91 207.0 106.7 320.2



#70
Styrene
Concen: 49.055 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion:104 Resp: 491601
Ion Ratio Lower Upper
104 100
78 46.5 38.6 58.0
103 55.5 44.4 66.6





#71

Bromoform

Concen: 51.839 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

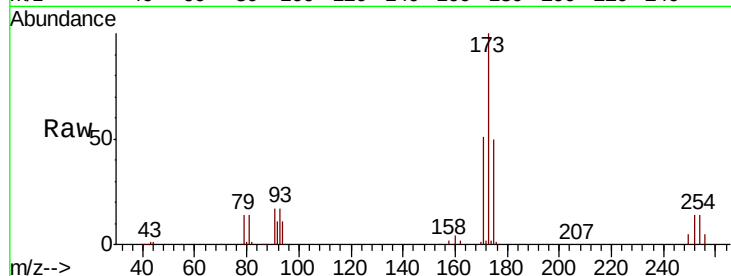
Tot Ion:173 Resp: 161887

Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.3	72.9
254	0.1	0.1	0.1

173 100

175 49.5 24.3 72.9

254 0.1 0.1 0.1

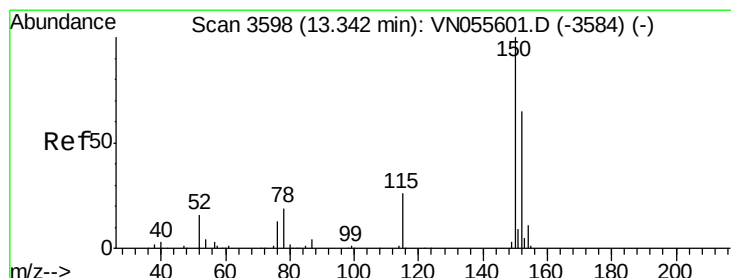
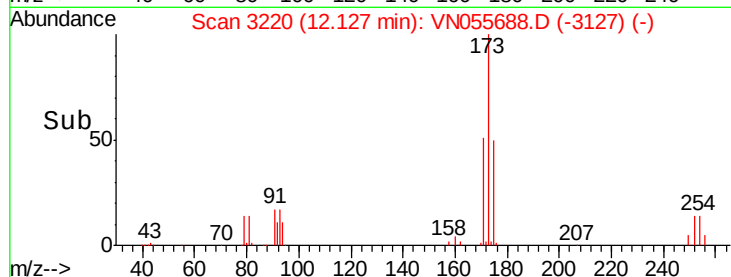
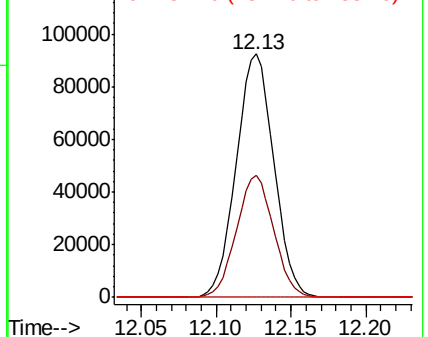


Abundance

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: VN055688.D

Acq: 20 May 2019 22:43

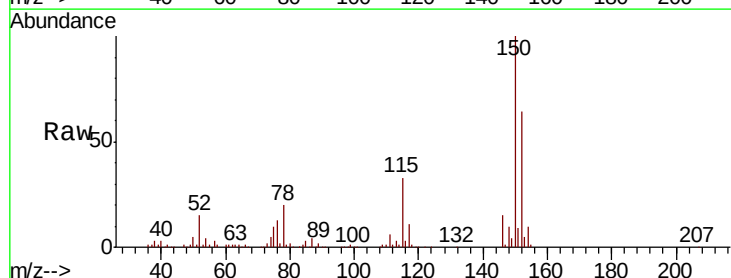
Tgt Ion:152 Resp: 211908

Ion	Ratio	Lower	Upper
152	100		
115	52.0	28.1	84.2
150	171.4	0.0	348.0

152 100

115 52.0 28.1 84.2

150 171.4 0.0 348.0

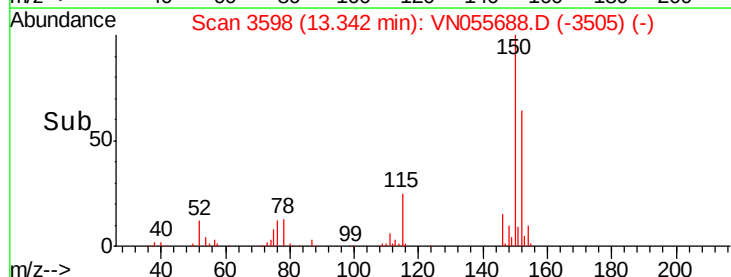
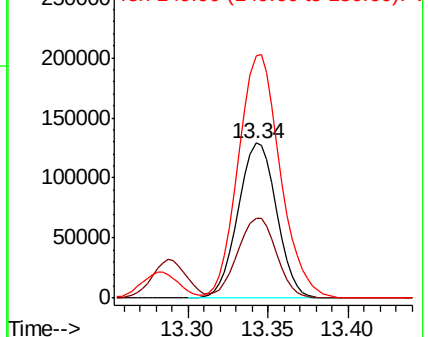


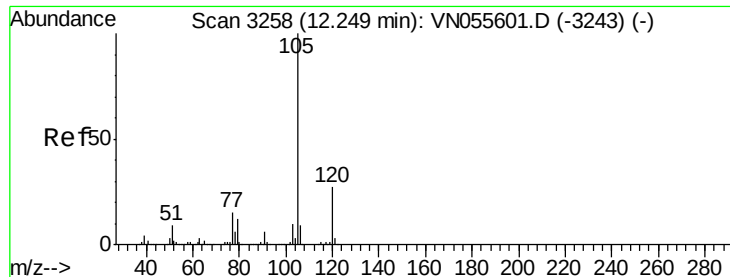
Abundance

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: 52.603 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055688.D

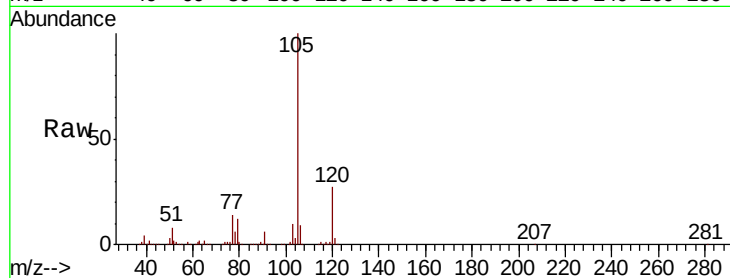
Acq: 20 May 2019 22:43

Tot Ion:105 Resp: 780373

Ion Ratio Lower Upper

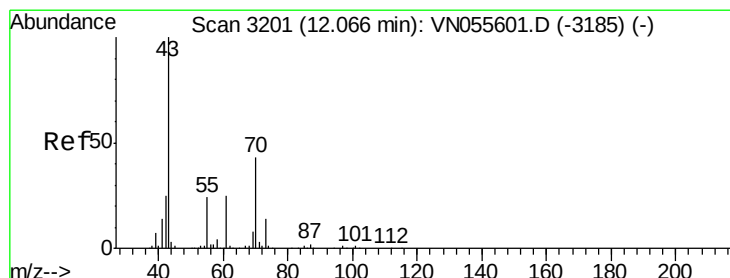
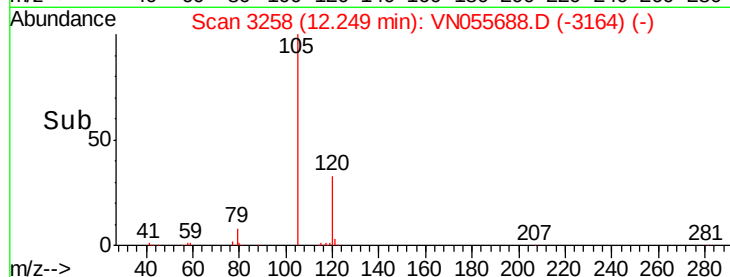
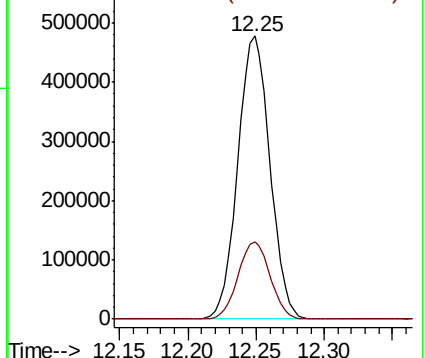
105 100

120 27.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.636 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

Tgt Ion: 43 Resp: 265599

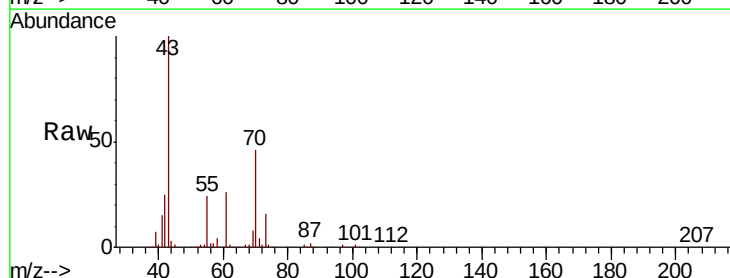
Ion Ratio Lower Upper

43 100

70 45.4 35.0 52.6

55 24.1 18.9 28.3

61 26.0 20.1 30.1

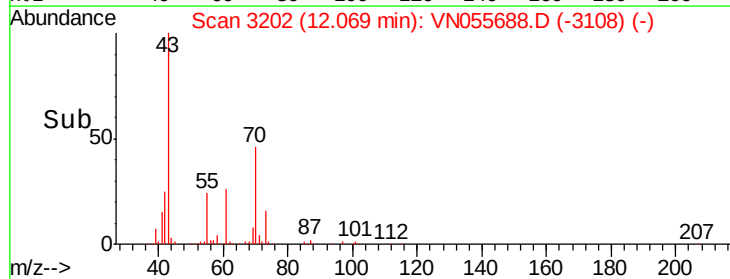
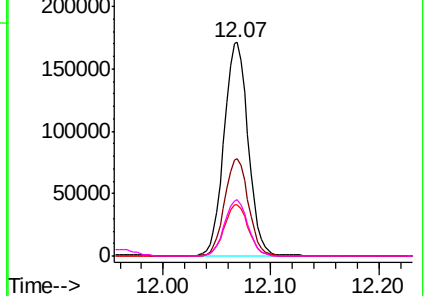


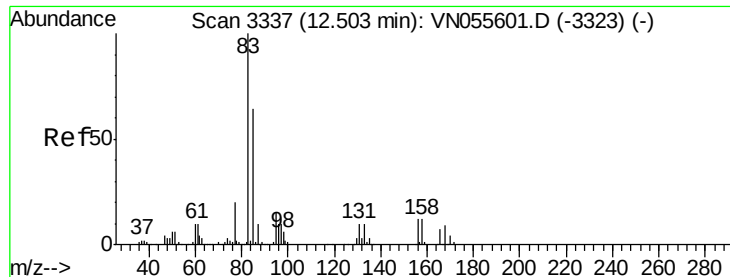
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.118 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

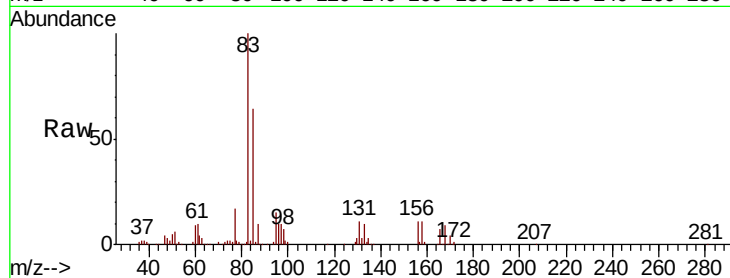
Tot Ion: 83 Resp: 228790

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.3	16.1
85	64.1	32.0	96.2

83 100

131 11.2 5.3 16.1

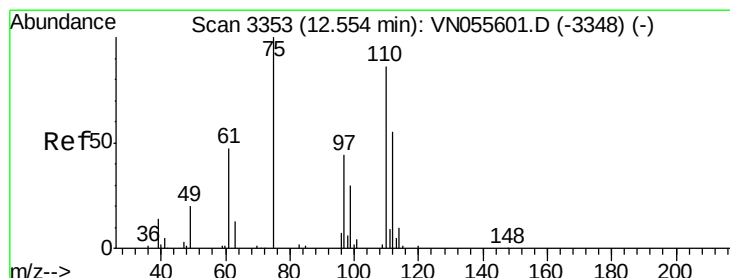
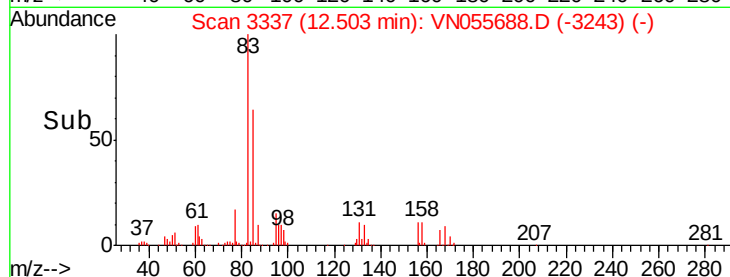
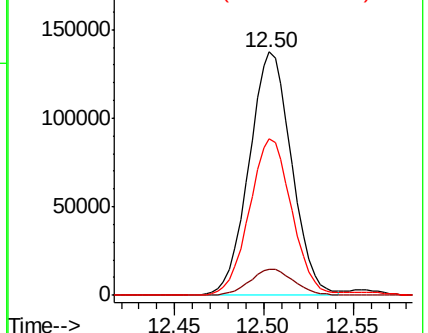
85 64.1 32.0 96.2



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: 63.990 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055688.D

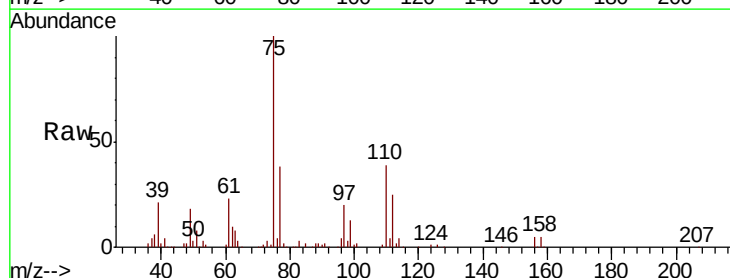
Acq: 20 May 2019 22:43

Tgt Ion: 75 Resp: 276693

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

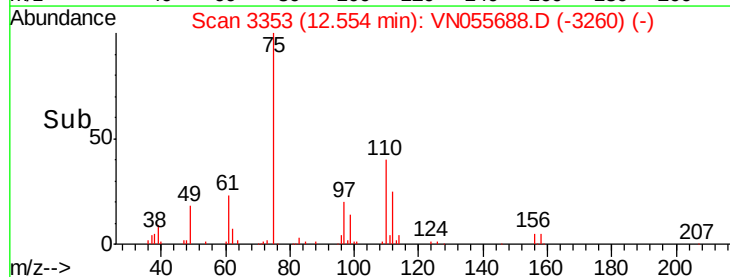
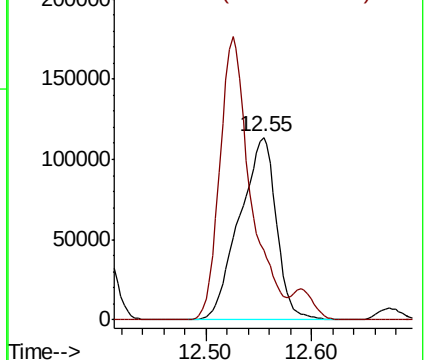
75 100

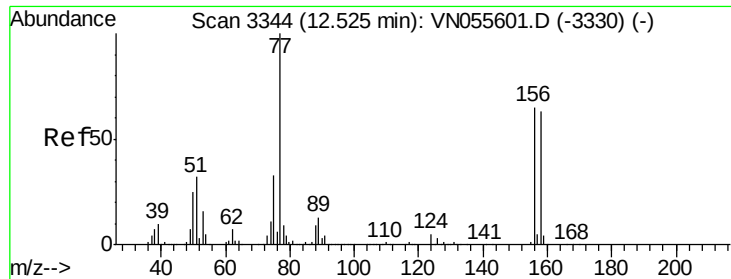
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.957 ug/l

RT: 12.53 min Scan# 3344

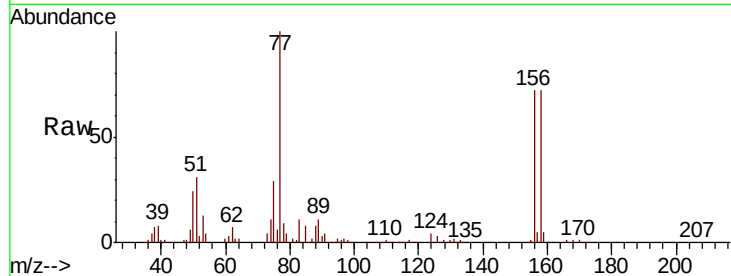
Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

Tot Ion:156 Resp: 213059

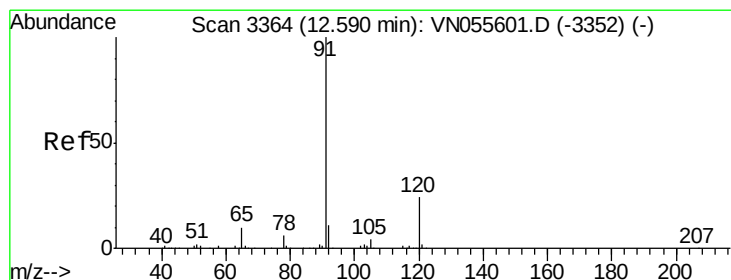
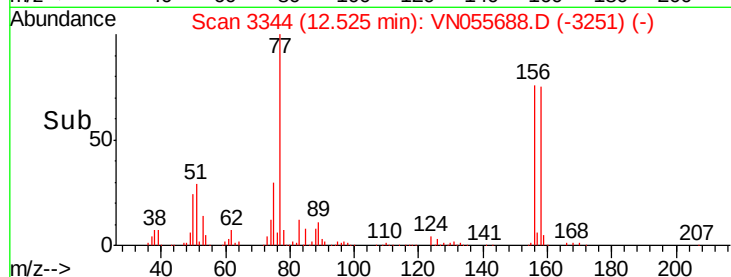
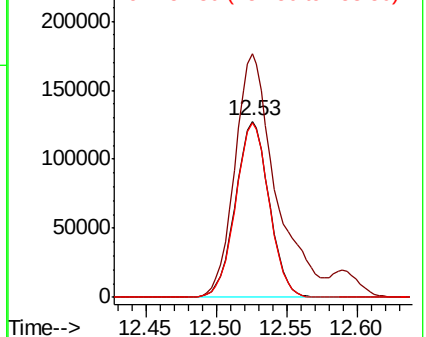
Ion	Ratio	Lower	Upper
156	100		
77	168.1	94.5	283.5
158	98.8	49.0	147.2



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: 44.495 ug/l

RT: 12.59 min Scan# 3364

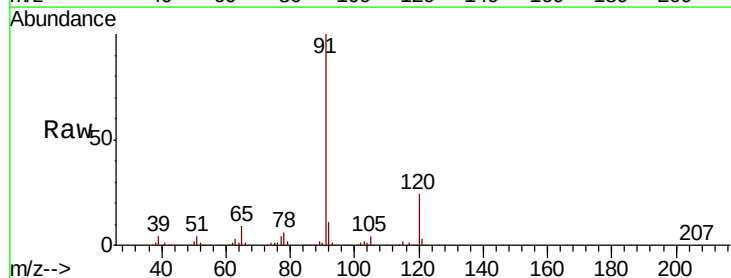
Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

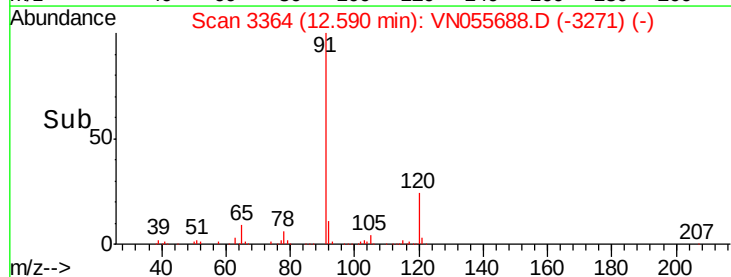
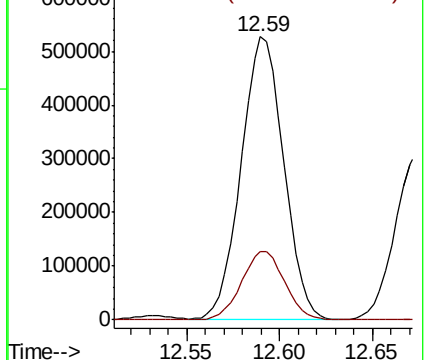
Tgt Ion: 91 Resp: 837305

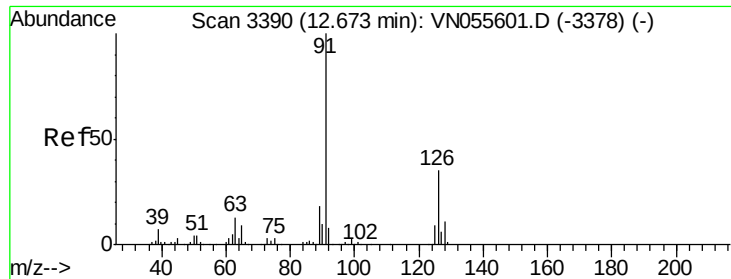
Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.435 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055688.D

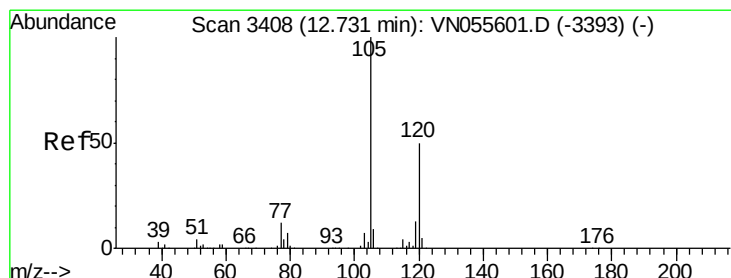
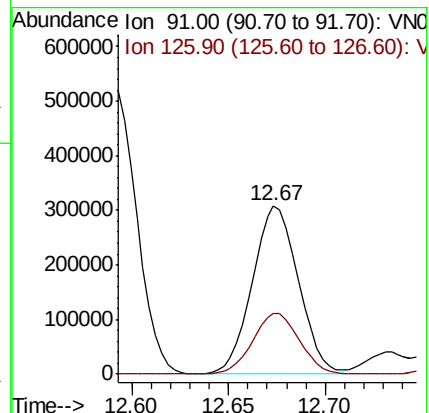
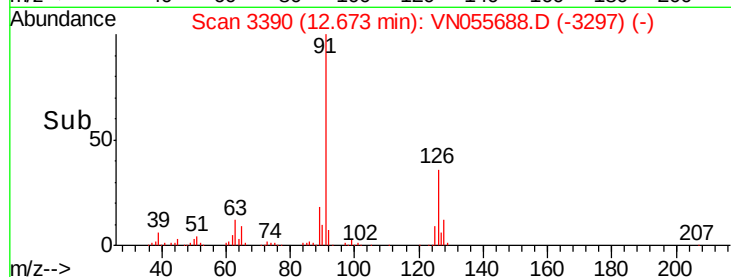
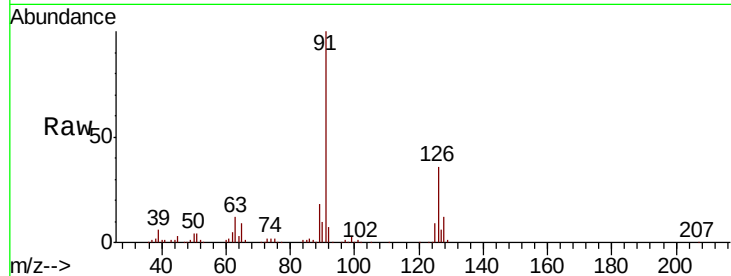
Acq: 20 May 2019 22:43

Tot Ion: 91 Resp: 507789

Ion Ratio Lower Upper

91 100

126 36.8 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 51.722 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055688.D

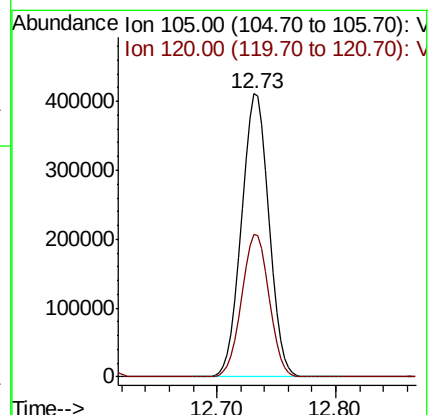
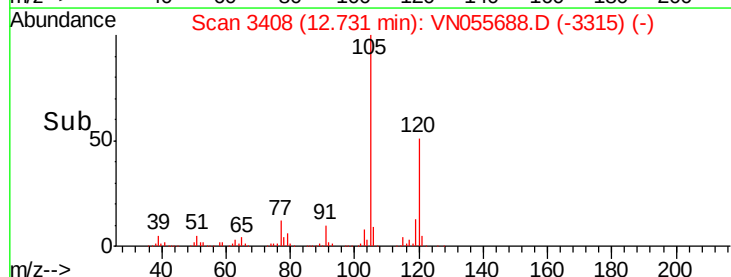
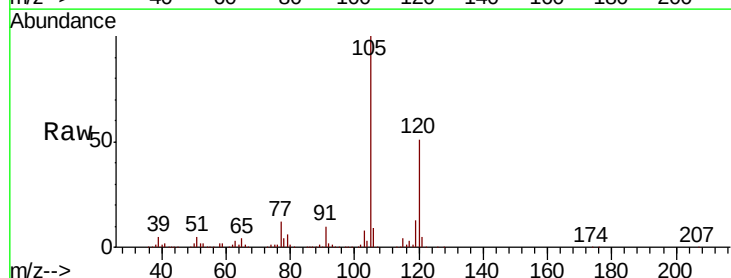
Acq: 20 May 2019 22:43

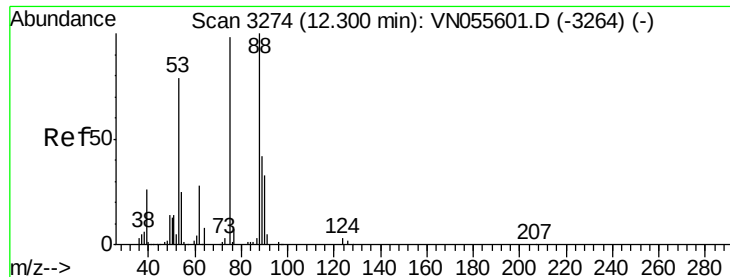
Tgt Ion: 105 Resp: 656157

Ion Ratio Lower Upper

105 100

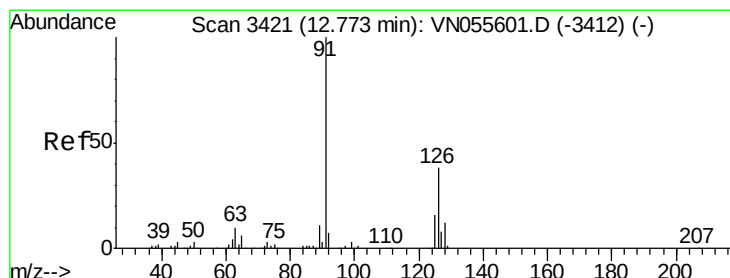
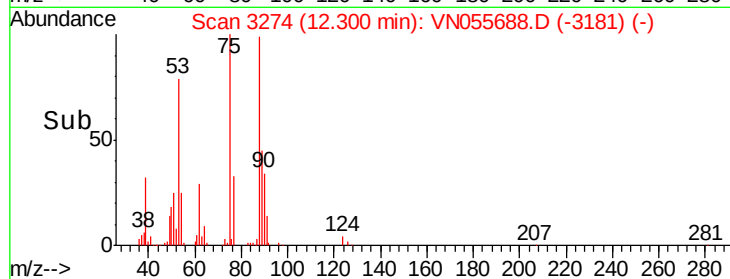
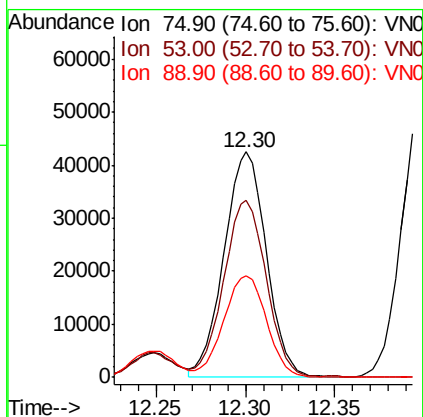
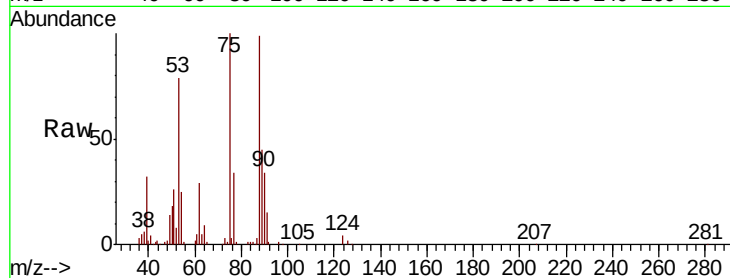
120 50.5 24.6 74.0





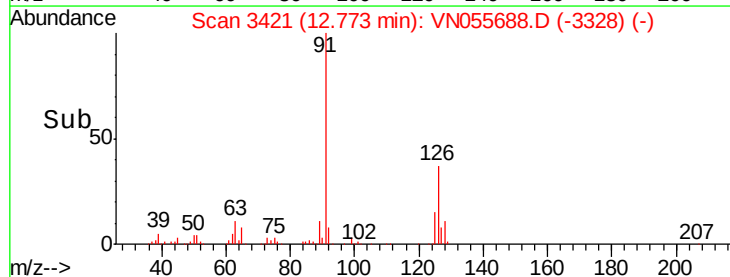
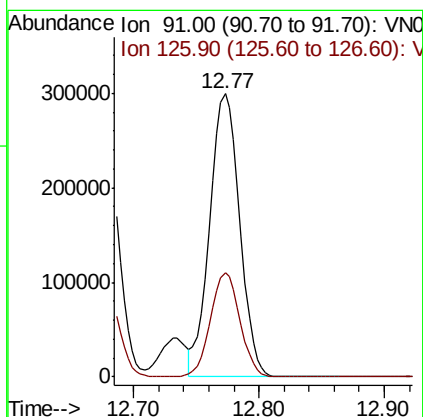
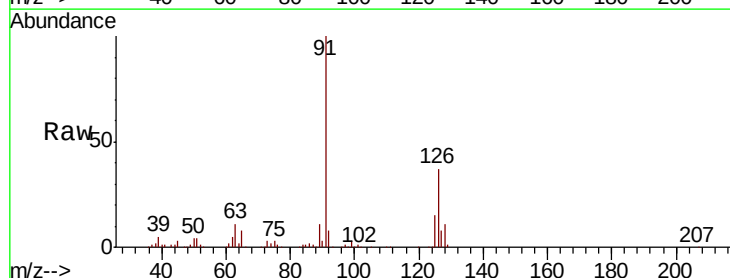
#81
trans-1,4-Dichloro-2-butene
Concen: 41.749 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

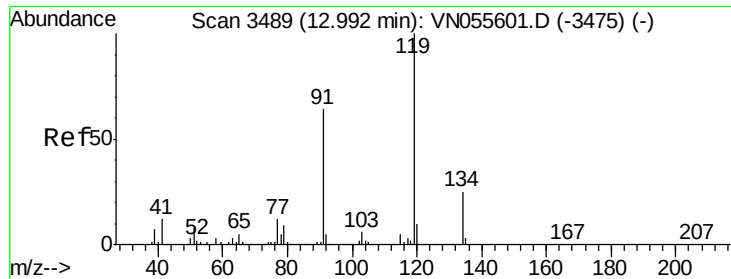
Tot Ion: 75 Resp: 70227
Ion Ratio Lower Upper
75 100
53 79.3 65.1 97.7
89 45.3 36.4 54.6



#82
4-Chlorotoluene
Concen: 44.715 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

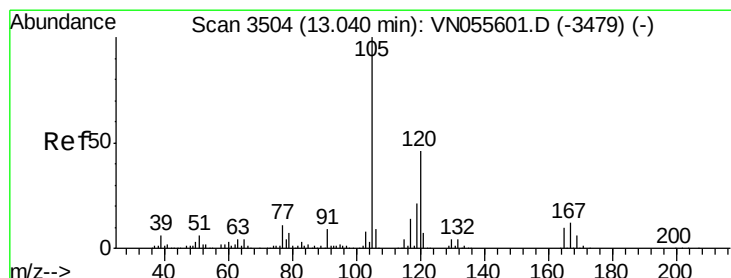
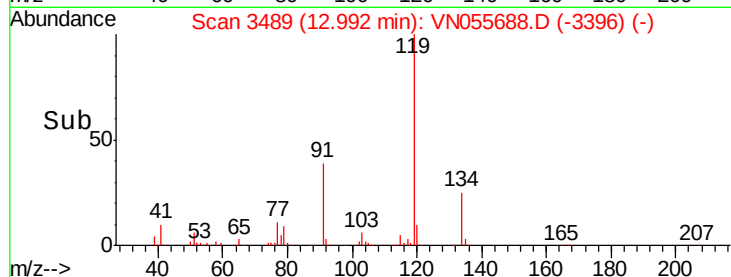
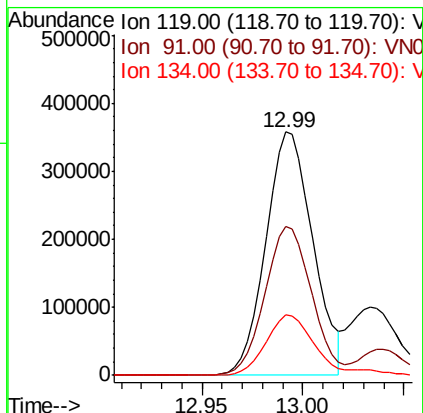
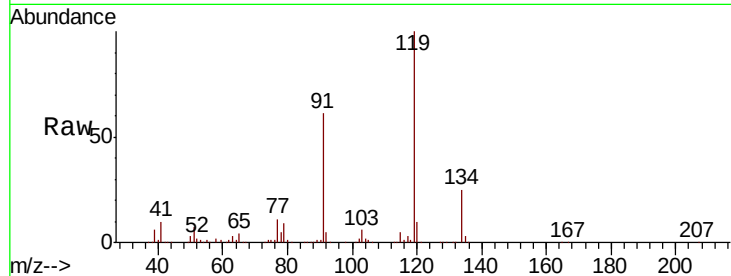
Tgt Ion: 91 Resp: 495784
Ion Ratio Lower Upper
91 100
126 36.2 17.5 52.6





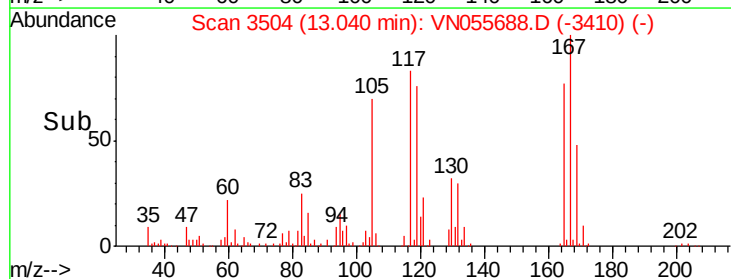
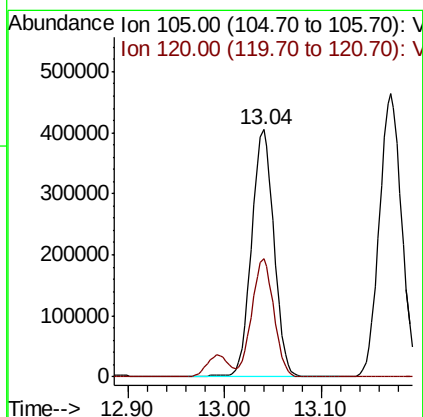
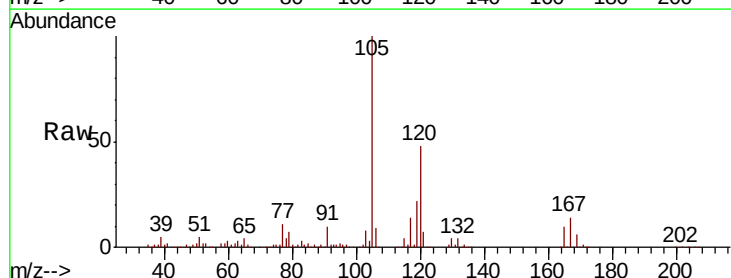
#83
tert-Butylbenzene
Concen: 54.118 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

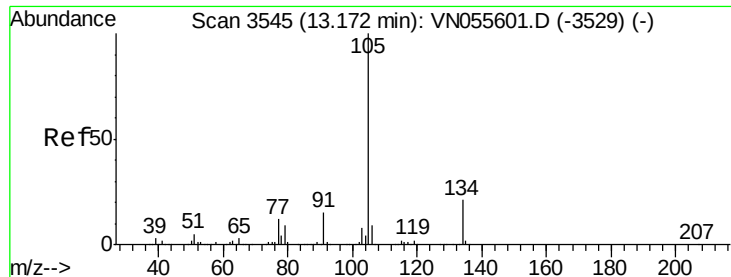
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	31.3	93.8
134	26.4	13.2	39.6



#84
1,2,4-Trimethylbenzene
Concen: 51.328 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055688.D
Acq: 20 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 52.346 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055688.D

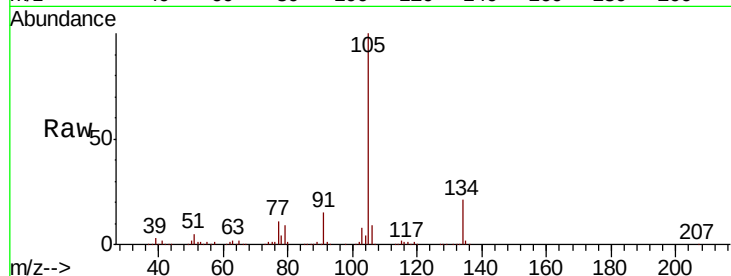
Acq: 20 May 2019 22:43

Tot Ion:105 Resp: 740166

Ion Ratio Lower Upper

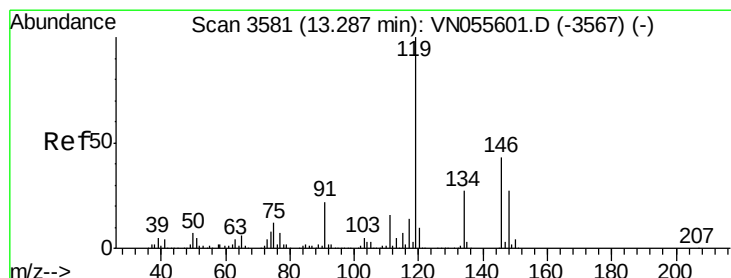
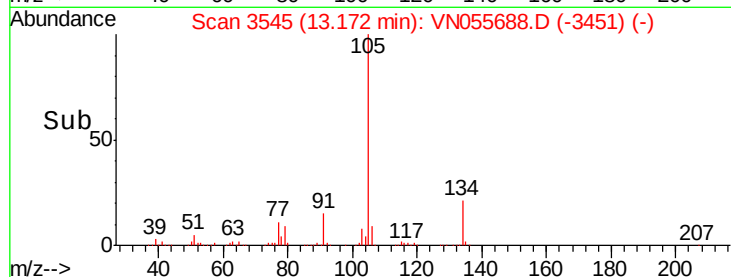
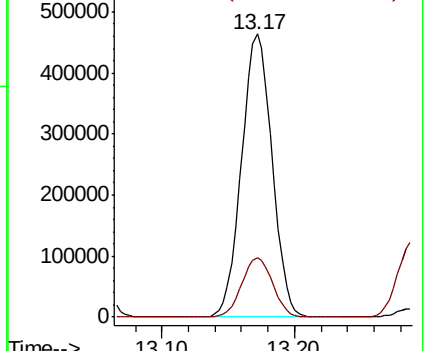
105 100

134 21.2 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: 52.254 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

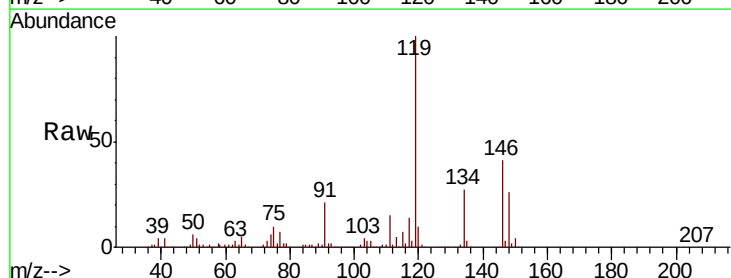
Tgt Ion:119 Resp: 688202

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

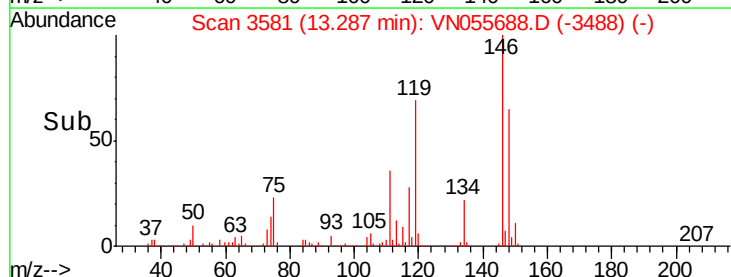
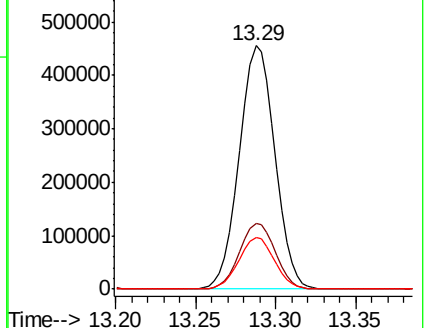
91 21.1 11.0 33.0

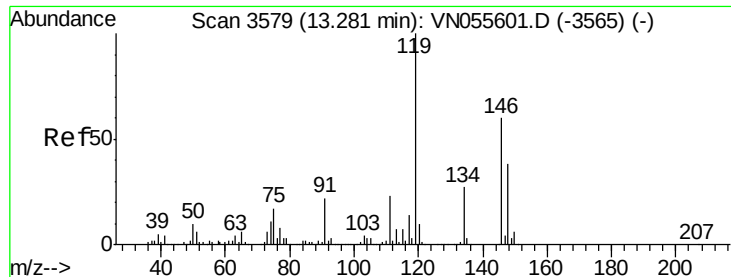


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

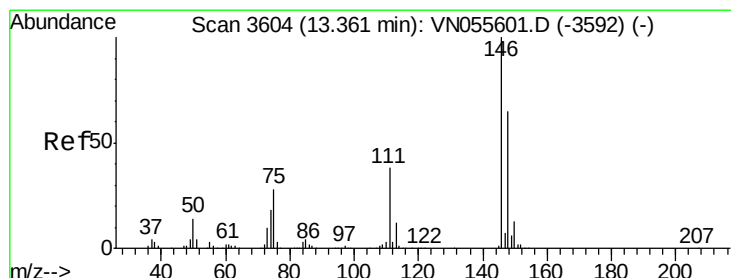
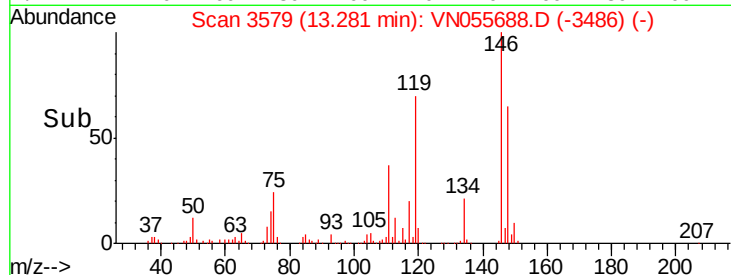
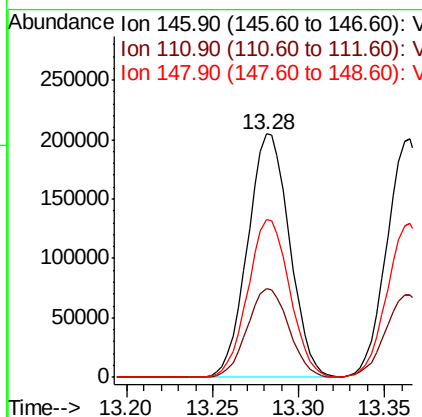
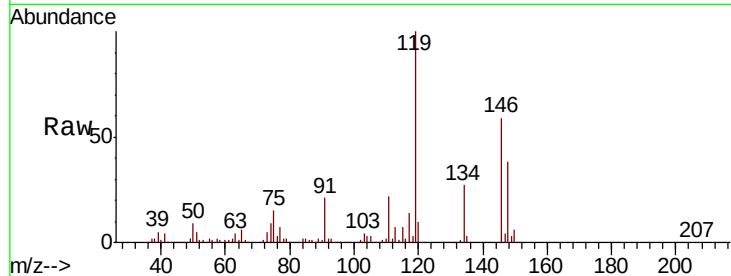
Ion 91.00 (90.70 to 91.70): V





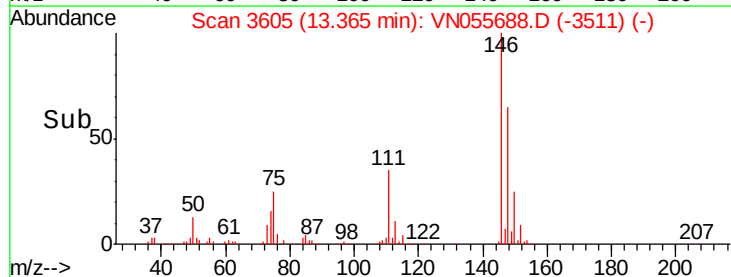
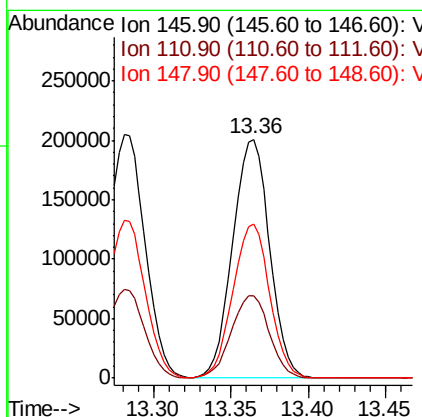
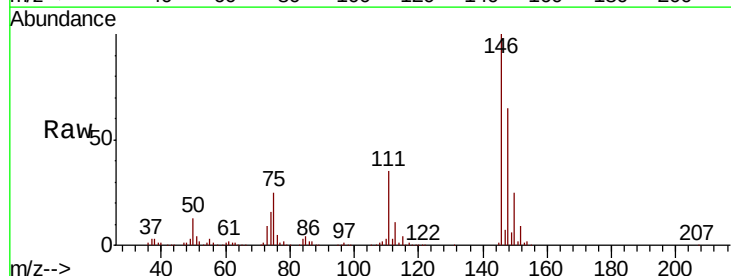
#87
 1,3-Dichlorobenzene
 Concen: 48.081 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

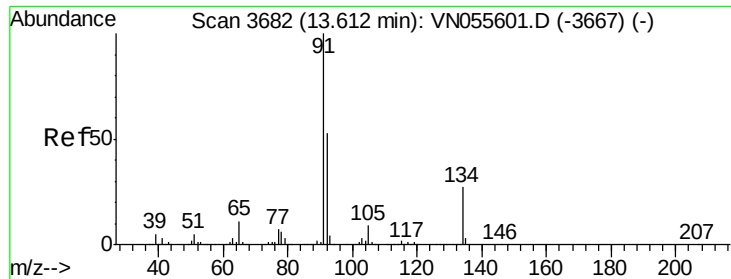
Tot Ion:146 Resp: 345977
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.9 56.9
 148 64.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.388 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tgt Ion:146 Resp: 332453
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.8 56.4
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 45.274 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

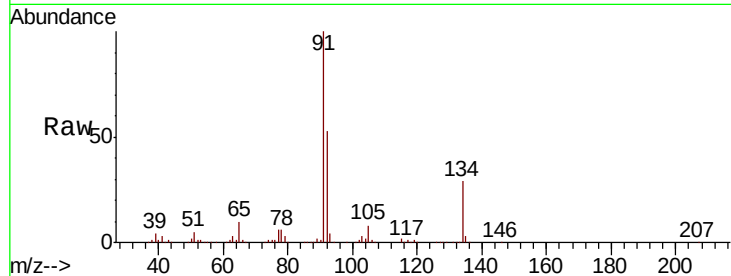
Tot Ion: 91 Resp: 526459

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

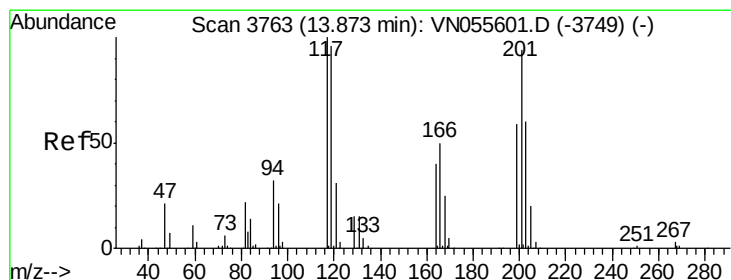
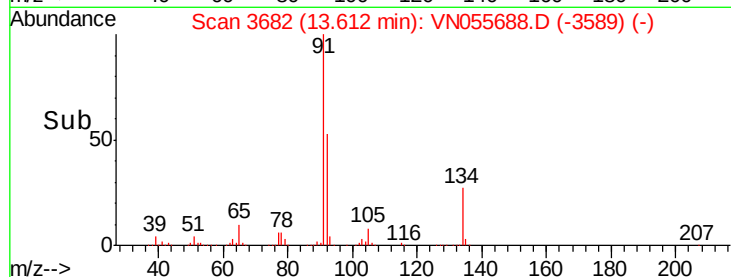
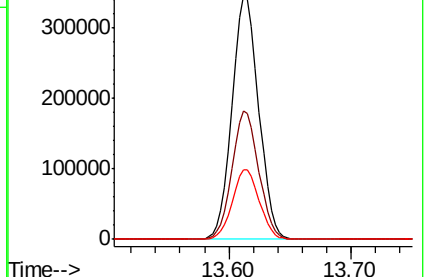
134 28.9 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055601.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055601.D (-3667) (-)



#90

Hexachloroethane

Concen: 52.564 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055688.D

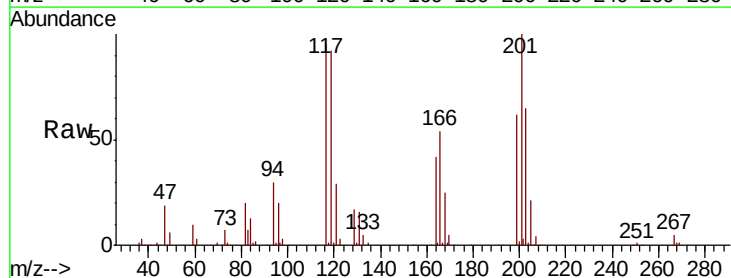
Acq: 20 May 2019 22:43

Tgt Ion: 117 Resp: 132188

Ion Ratio Lower Upper

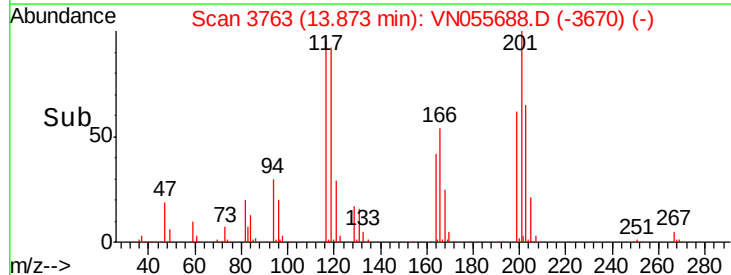
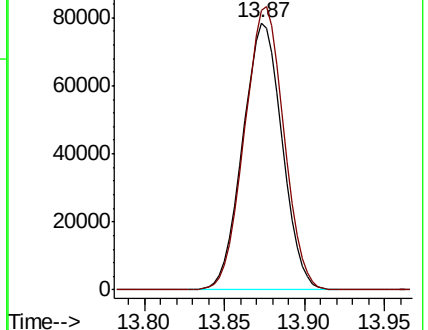
117 100

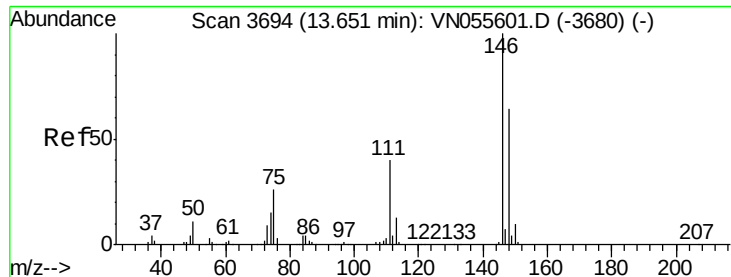
201 106.2 47.1 141.3



Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-3749) (-)

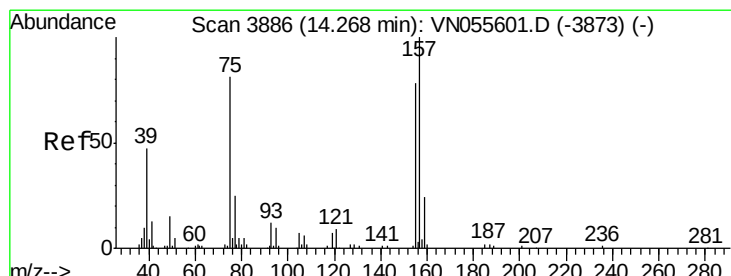
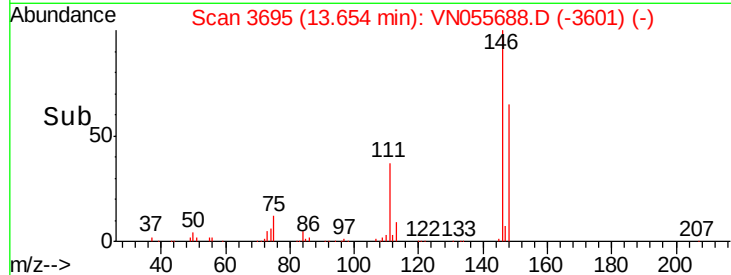
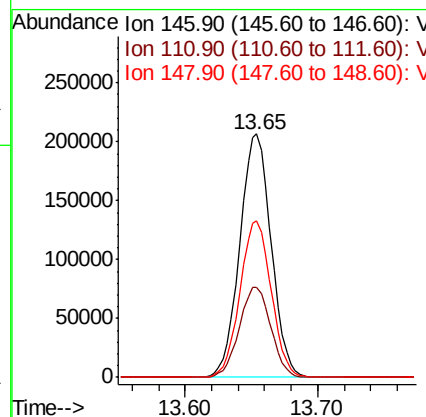
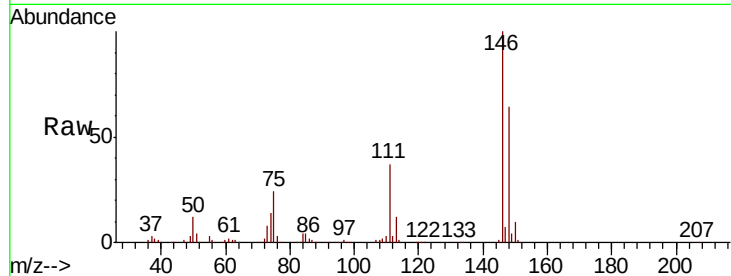
Ion 200.70 (200.40 to 201.40): VN055601.D (-3749) (-)





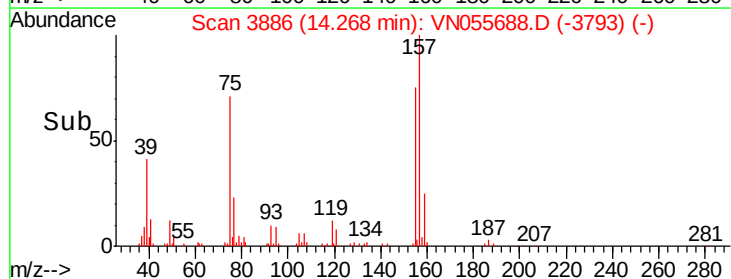
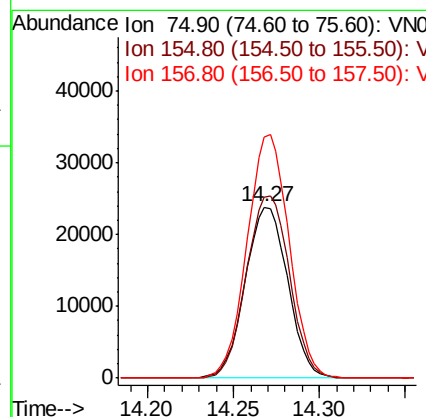
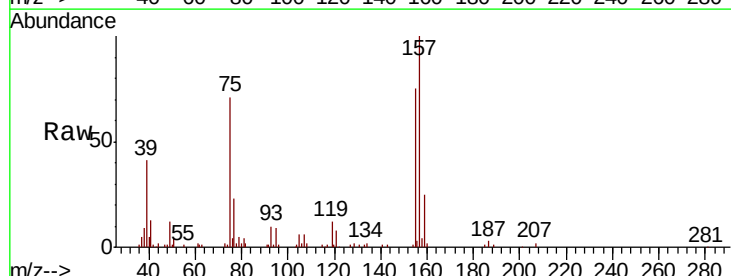
#91
 1,2-Dichlorobenzene
 Concen: 47.270 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

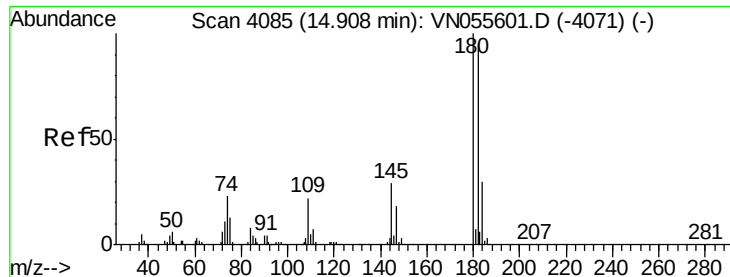
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.7	59.0
148	63.9	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.688 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

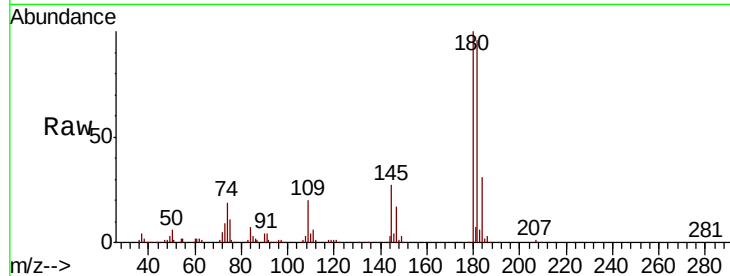
Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.7	48.4	145.0
157	140.3	62.3	186.8



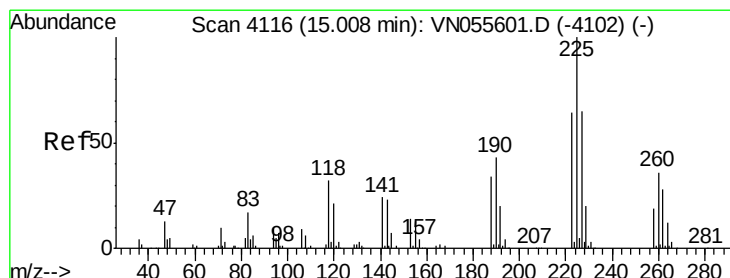
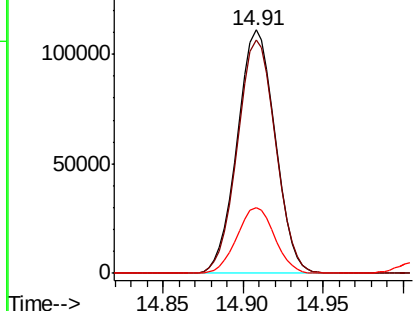
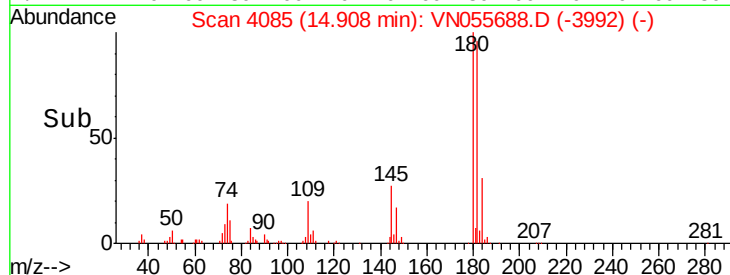


#93
 1,2,4-Trichlorobenzene
 Concen: 49.046 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.9	143.6
145	26.9	14.3	42.9

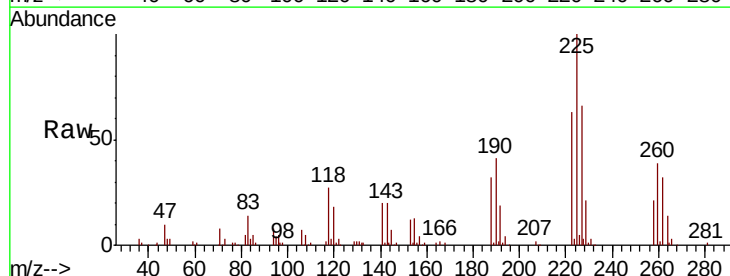


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

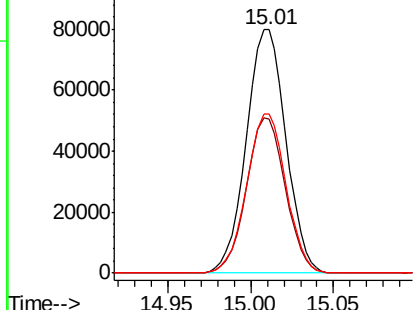
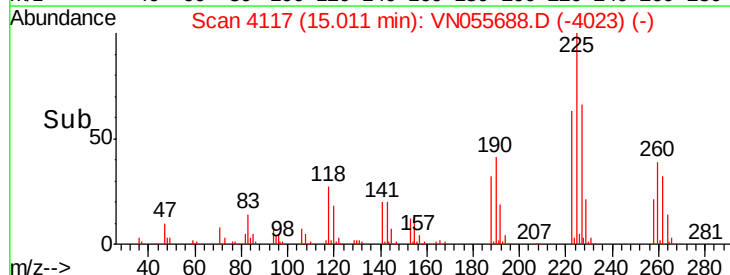


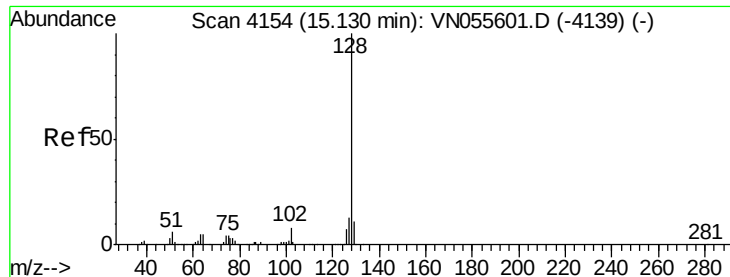
#94
 Hexachlorobutadiene
 Concen: 60.802 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055688.D
 Acq: 20 May 2019 22:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	94.7
227	65.0	32.4	97.0



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





#95

Naphthalene

Concen: 44.006 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

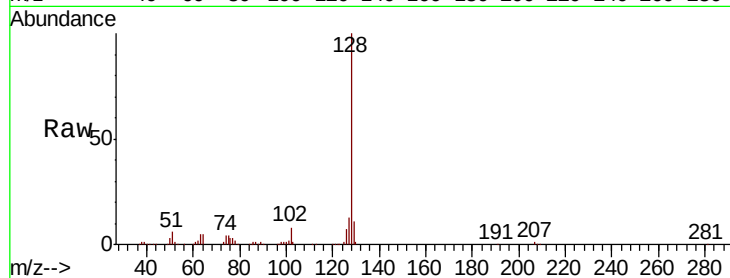
Tot Ion:128 Resp: 482498

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

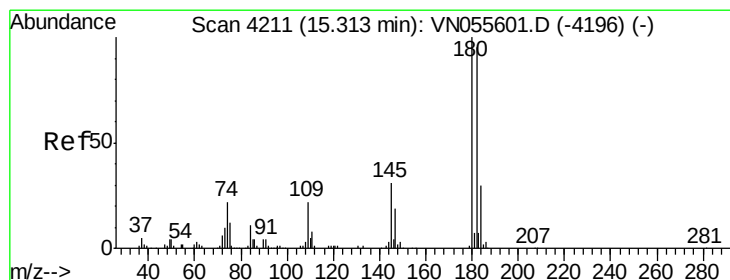
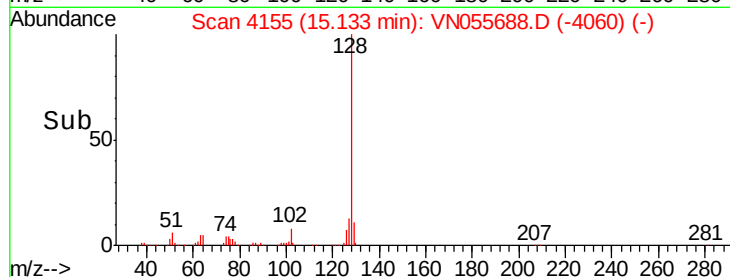
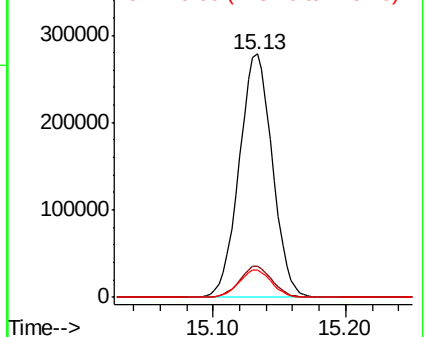
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.200 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055688.D

Acq: 20 May 2019 22:43

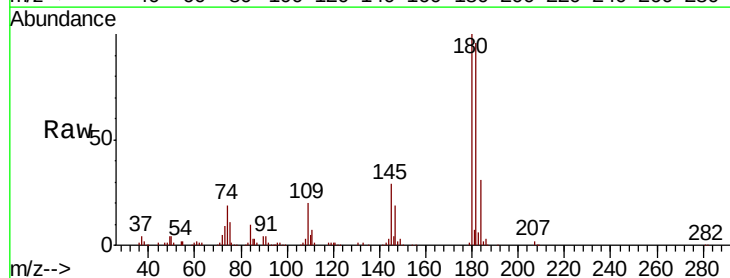
Tgt Ion:180 Resp: 184013

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.6

145 29.0 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

