

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055693.D
 Acq On : 21 May 2019 1:08
 Operator : JC/SP
 Sample : VN0520WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 21 05:42:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	353908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	505813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183926	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	169032	43.57	ug/l	0.00
Spiked Amount			Recovery	=	87.14%	
35) Dibromofluoromethane	7.59	113	161417	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
50) Toluene-d8	10.09	98	582539	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.40	95	194812	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	46049	16.911	ug/l	98
3) Chloromethane	2.06	50	59649	16.423	ug/l	99
4) Vinyl Chloride	2.18	62	67497	17.162	ug/l	96
5) Bromomethane	2.53	94	36052	14.384	ug/l	96
6) Chloroethane	2.69	64	39868	18.257	ug/l	99
7) Trichlorofluoromethane	3.02	101	90791	18.015	ug/l	99
8) Diethyl Ether	3.41	74	37320	18.433	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	54471	17.728	ug/l	96
10) Methyl Iodide	3.95	142	50136	11.319	ug/l	99
11) Tert butyl alcohol	4.78	59	70172	96.994	ug/l	99
12) 1,1-Dichloroethene	3.74	96	56749	17.558	ug/l	95
13) Acrolein	3.61	56	26907	73.877	ug/l	98
14) Allyl chloride	4.33	41	87488	16.767	ug/l	99
15) Acrylonitrile	4.99	53	149515	92.890	ug/l	99
16) Acetone	3.81	43	122473	77.357	ug/l	98
17) Carbon Disulfide	4.06	76	144035	16.031	ug/l	100
18) Methyl Acetate	4.32	43	65926	19.423	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	195013	18.238	ug/l	97
20) Methylene Chloride	4.55	84	65608	18.158	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	61049	17.731	ug/l	93
22) Diisopropyl ether	5.95	45	181799	17.583	ug/l	94
23) Vinyl Acetate	5.89	43	765036	87.202	ug/l	98
24) 1,1-Dichloroethane	5.85	63	107160	17.676	ug/l	99
25) 2-Butanone	6.83	43	194668	87.939	ug/l	96
26) 2,2-Dichloropropane	6.82	77	71454	13.280	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	73463	18.323	ug/l	93
28) Bromochloromethane	7.20	49	45459	17.236	ug/l	88
29) Tetrahydrofuran	7.21	42	130685	89.108	ug/l	95
30) Chloroform	7.37	83	112098	18.013	ug/l	99
31) Cyclohexane	7.66	56	95771	16.645	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	101849	18.247	ug/l	97
36) 1,1-Dichloropropene	7.79	75	79402	17.607	ug/l	98
37) Ethyl Acetate	6.93	43	80467	19.774	ug/l	98
38) Carbon Tetrachloride	7.78	117	90593	18.799	ug/l	100

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

39) Methylcyclohexane	9.08	83	94204	17.329	ug/l	97
40) Benzene	8.04	78	257924	19.445	ug/l	98
41) Methacrylonitrile	7.17	41	31180m	17.921	ug/l	
42) 1,2-Dichloroethane	8.12	62	83278	19.389	ug/l	99
43) Isopropyl Acetate	8.16	43	147375	20.820	ug/l	98
44) Trichloroethene	8.84	130	74611	19.934	ug/l	96
45) 1,2-Dichloropropane	9.12	63	66062	18.906	ug/l	100
46) Dibromomethane	9.21	93	45532	19.909	ug/l	93
47) Bromodichloromethane	9.40	83	89773	18.729	ug/l	99
48) Methyl methacrylate	9.20	41	59589	18.834	ug/l	95
49) 1,4-Dioxane	9.20	88	28748	457.263	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	395315	95.206	ug/l	98
52) Toluene	10.16	92	164965	19.829	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	91620	17.759	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	103700	18.348	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	67005	19.564	ug/l	99
56) Ethyl methacrylate	10.43	69	100536	18.804	ug/l	97
57) 1,3-Dichloropropane	10.71	76	104469	19.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	187135	82.375	ug/l	97
59) 2-Hexanone	10.75	43	273151	93.437	ug/l	98
60) Dibromochloromethane	10.90	129	79258	20.418	ug/l	99
61) 1,2-Dibromoethane	11.01	107	69237	20.204	ug/l	98
64) Tetrachloroethene	10.63	164	75136	21.685	ug/l	99
65) Chlorobenzene	11.43	112	175041	19.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	72979	20.417	ug/l	99
67) Ethyl Benzene	11.51	91	304114	19.213	ug/l	99
68) m/p-Xylenes	11.62	106	233738	39.104	ug/l	97
69) o-Xylene	11.95	106	118171	20.213	ug/l	94
70) Styrene	11.96	104	190455	19.593	ug/l	98
71) Bromoform	12.13	173	63191	20.861	ug/l #	100
73) Isopropylbenzene	12.25	105	306796	22.442	ug/l	98
74) N-amyl acetate	12.07	43	103590	20.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	93484	22.060	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	80160m	21.359	ug/l	
77) Bromobenzene	12.53	156	82043	21.720	ug/l	91
78) n-propylbenzene	12.59	91	311293	19.059	ug/l	98
79) 2-Chlorotoluene	12.68	91	196222	21.489	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	253116	21.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	25263	17.303	ug/l	99
82) 4-Chlorotoluene	12.77	91	183227	19.040	ug/l	97
83) tert-Butylbenzene	12.99	119	228295	22.894	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	251957	21.905	ug/l	99
85) sec-Butylbenzene	13.17	105	278066	21.390	ug/l	99
86) p-Isopropyltoluene	13.29	119	256006	21.361	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	125962	20.168	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	118485	19.869	ug/l	99
89) n-Butylbenzene	13.61	91	181177	17.951	ug/l	98
90) Hexachloroethane	13.87	117	50890	22.059	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	127792	20.526	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16193	19.400	ug/l	89

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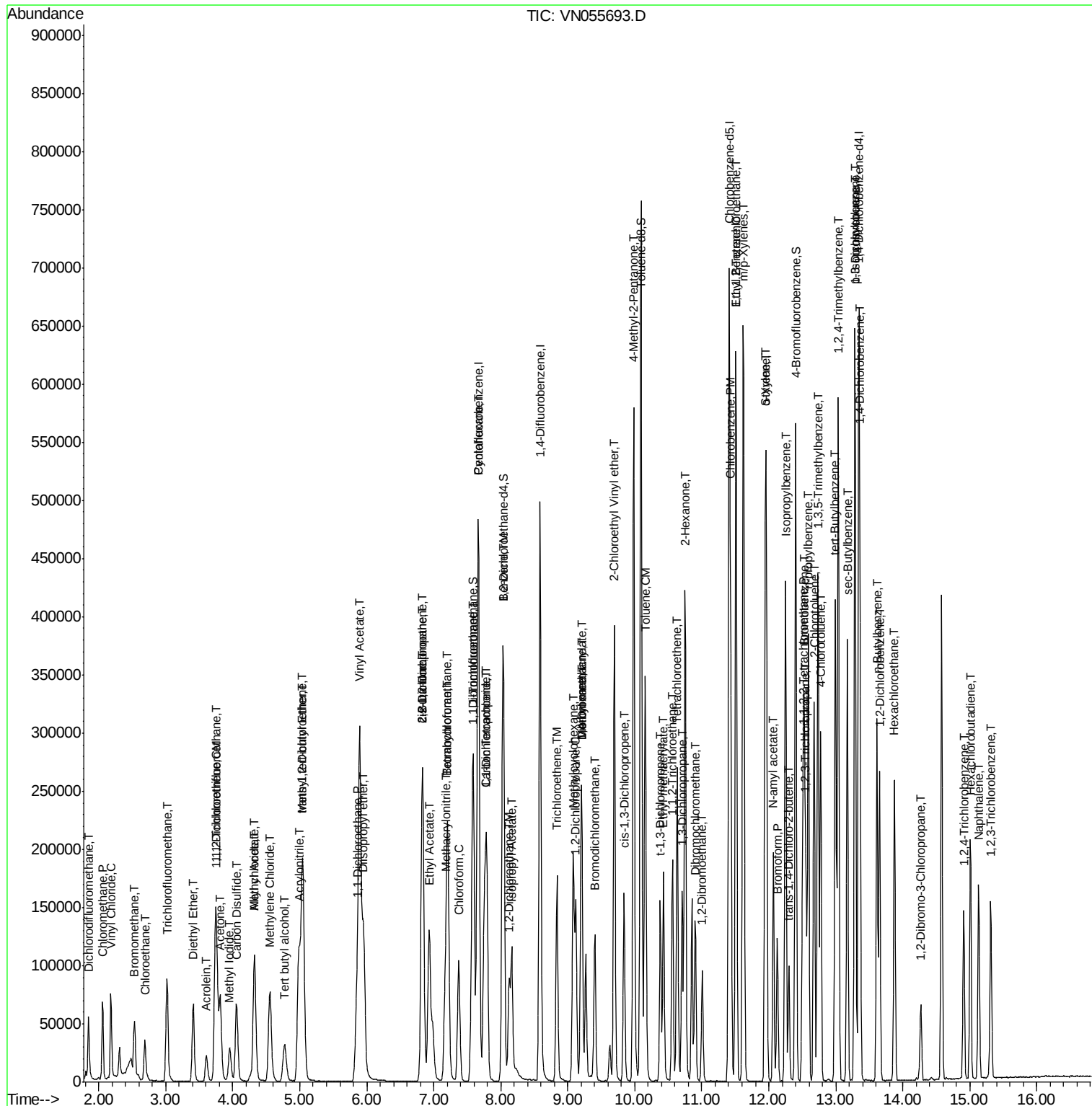
Quant Time: May 21 05:42:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
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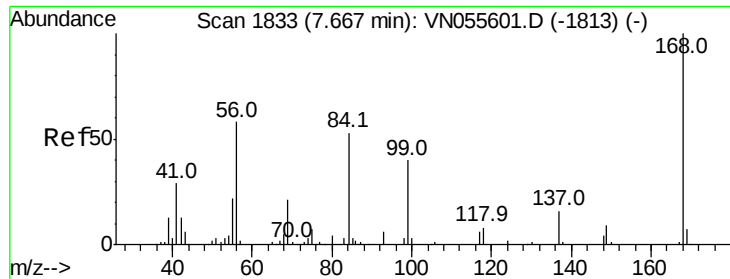
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	54066	17.061	ug/l	98
94) Hexachlorobutadiene	15.01	225	47674	23.373	ug/l	100
95) Naphthalene	15.13	128	155792	17.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	60549	18.273	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055693.D

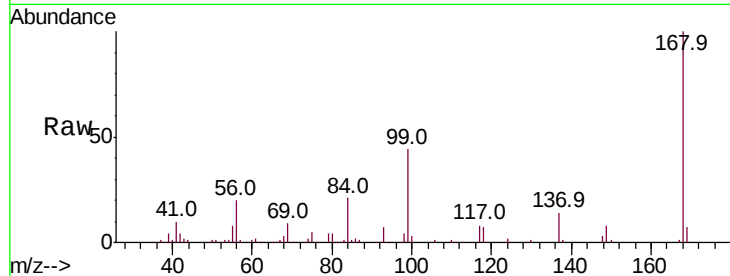
Acq: 21 May 2019 1:08

Tot Ion:168 Resp: 353908

Ion Ratio Lower Upper

168 100

99 44.0 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) (-)

7.67

150000

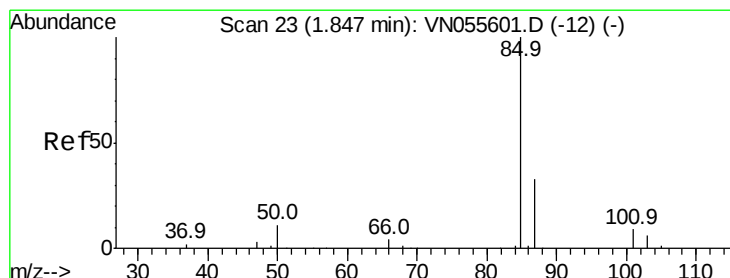
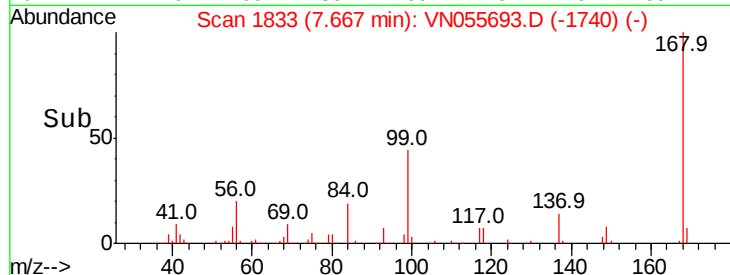
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 16.911 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055693.D

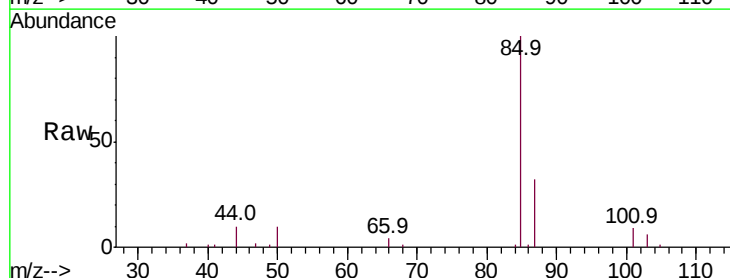
Acq: 21 May 2019 1:08

Tgt Ion: 85 Resp: 46049

Ion Ratio Lower Upper

85 100

87 32.2 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

30000

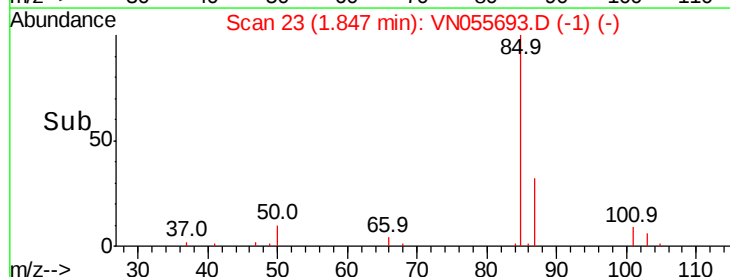
20000

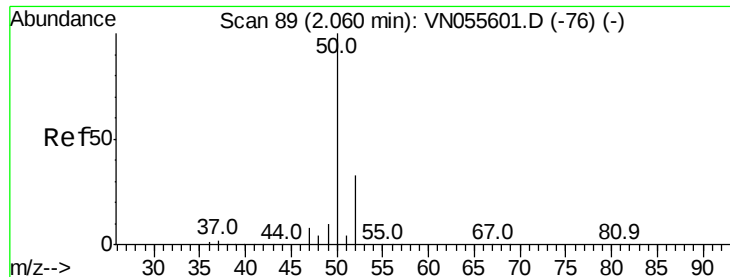
10000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 16.423 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055693.D

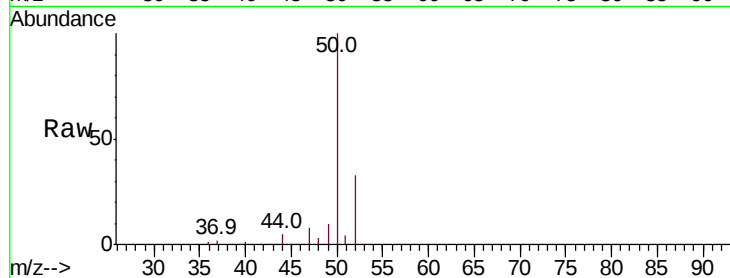
Acq: 21 May 2019 1:08

Tot Ion: 50 Resp: 59649

Ion Ratio Lower Upper

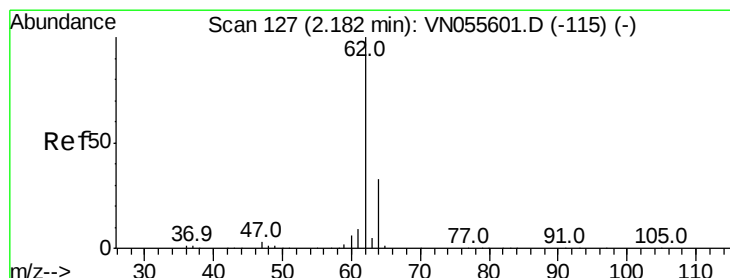
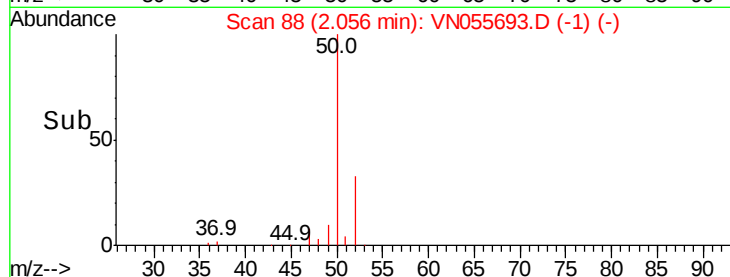
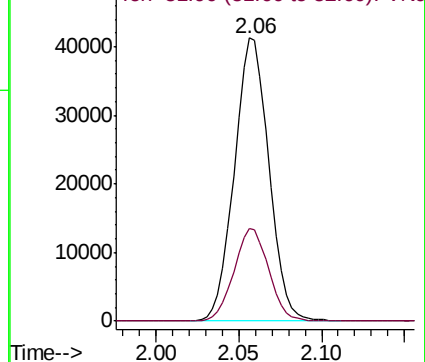
50 100

52 32.8 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 17.162 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055693.D

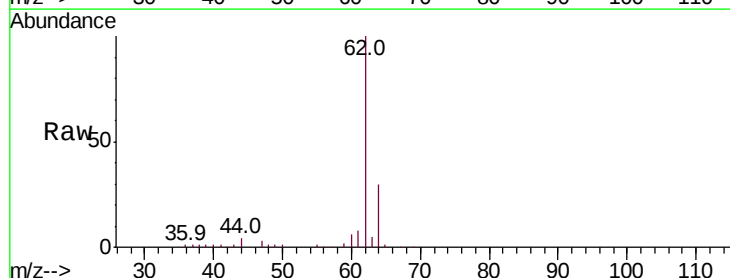
Acq: 21 May 2019 1:08

Tgt Ion: 62 Resp: 67497

Ion Ratio Lower Upper

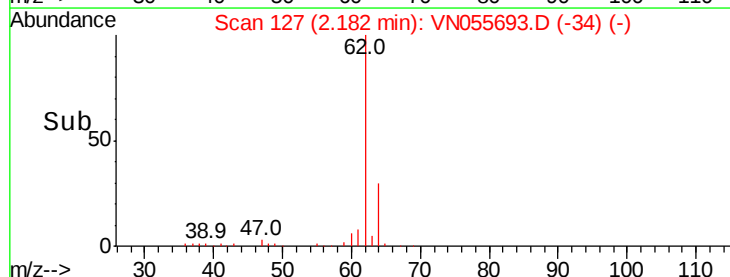
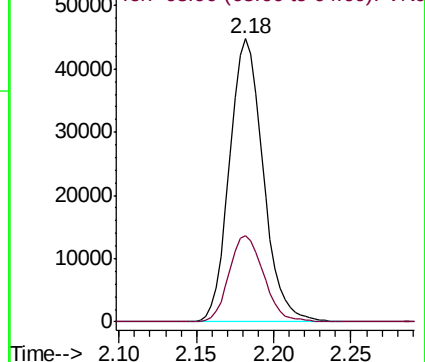
62 100

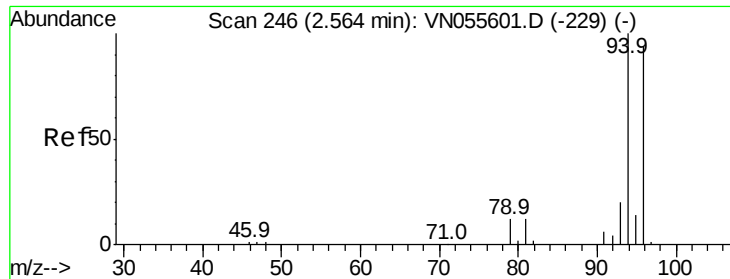
64 30.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 14.384 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.03 min

Lab File: VN055693.D

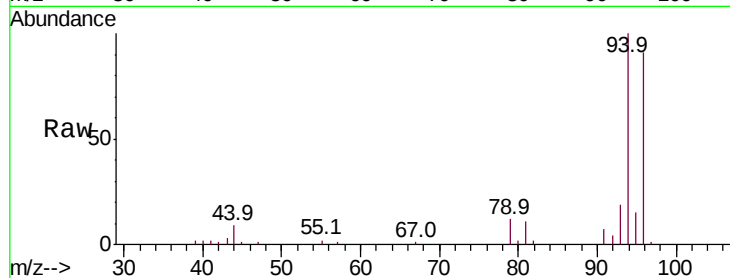
Acq: 21 May 2019 1:08

Tot Ion: 94 Resp: 36052

Ion Ratio Lower Upper

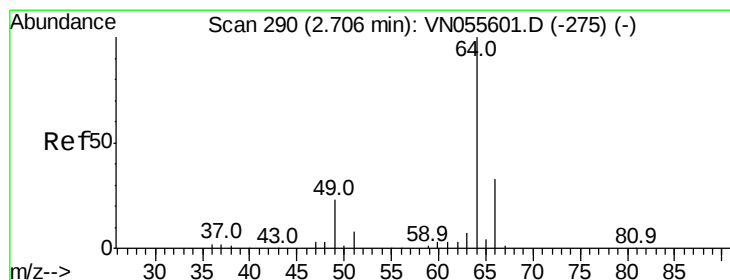
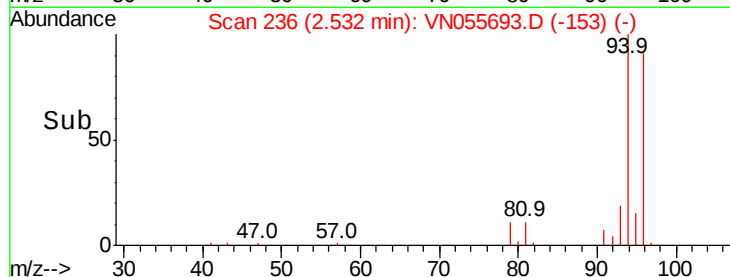
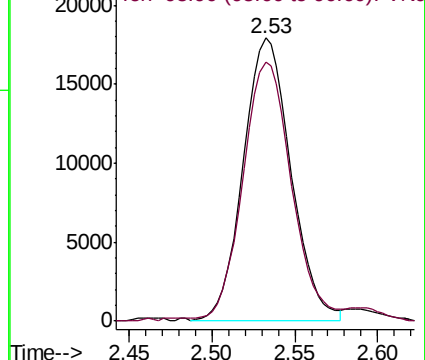
94 100

96 90.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.257 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.02 min

Lab File: VN055693.D

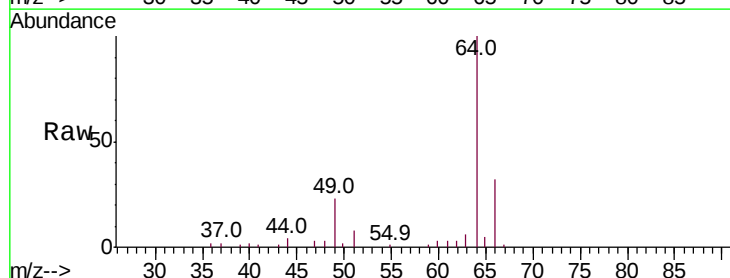
Acq: 21 May 2019 1:08

Tgt Ion: 64 Resp: 39868

Ion Ratio Lower Upper

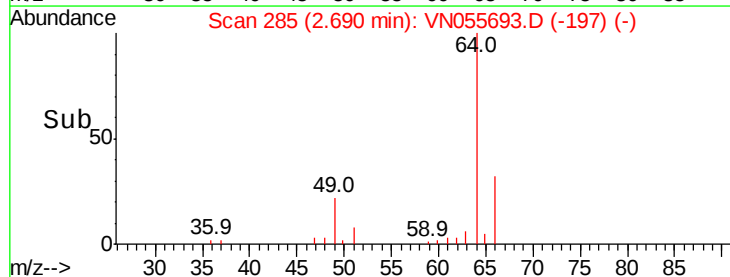
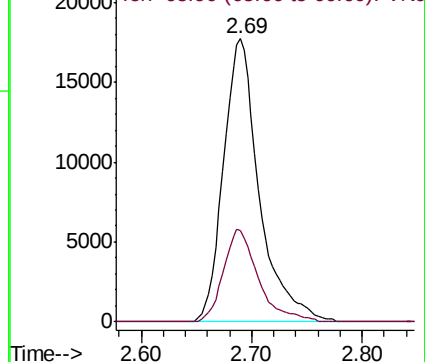
64 100

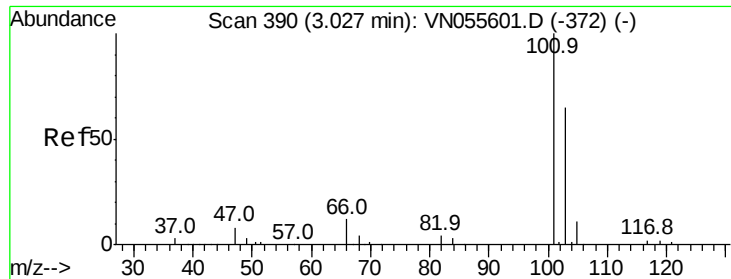
66 32.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

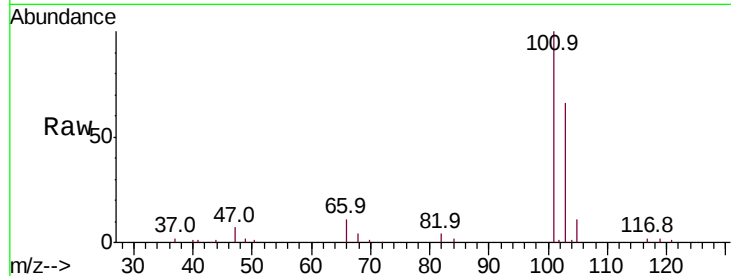




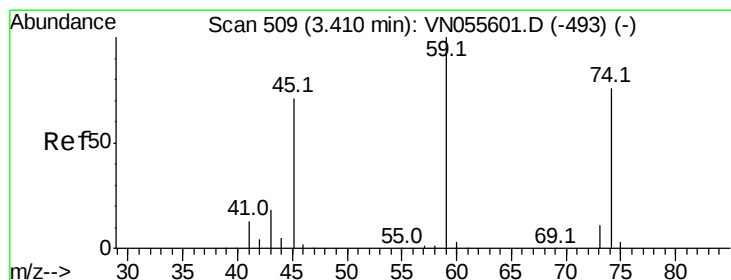
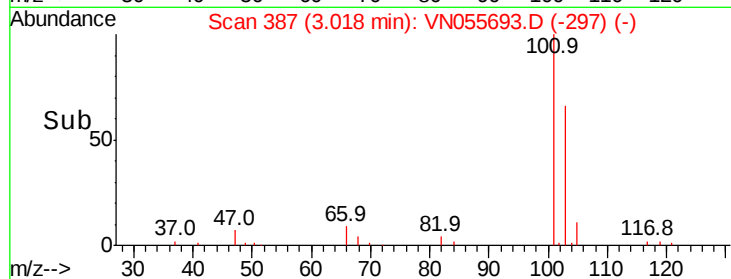
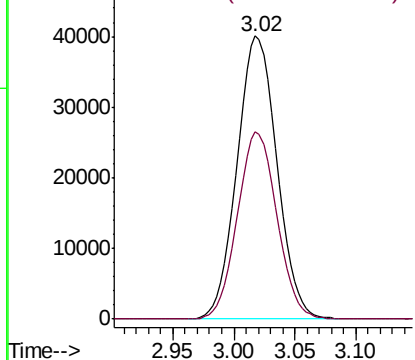
#7

Trichlorofluoromethane
 Concen: 18.015 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tot Ion:101 Resp: 90791
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.3 78.5



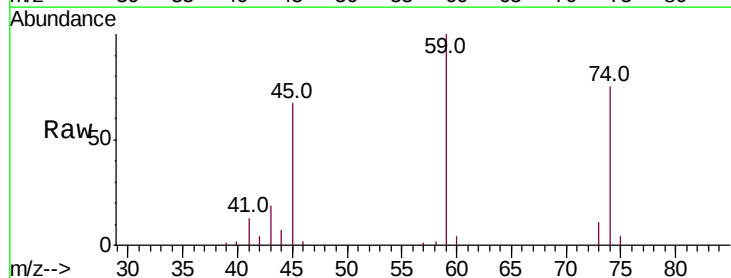
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



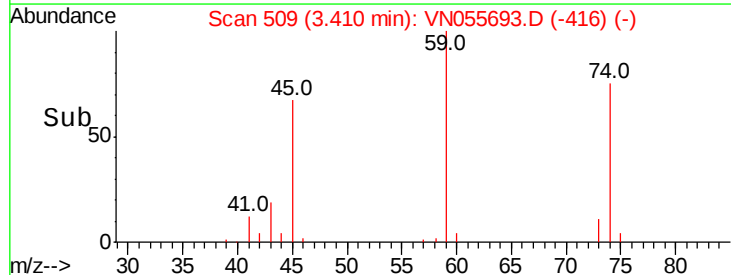
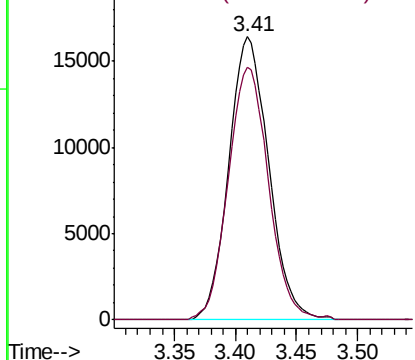
#8

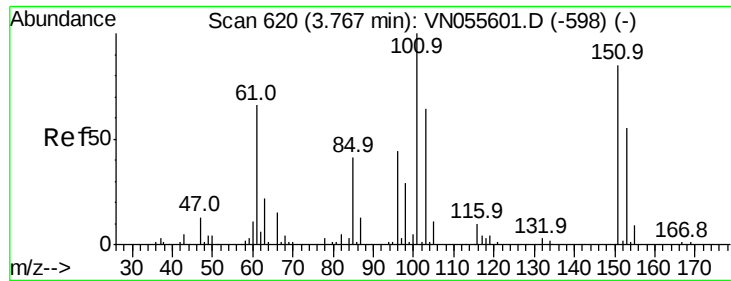
Diethyl Ether
 Concen: 18.433 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tgt Ion: 74 Resp: 37320
 Ion Ratio Lower Upper
 74 100
 45 90.2 46.4 139.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.728 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

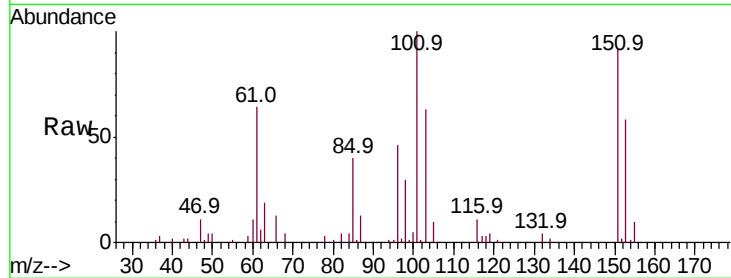
Tot Ion:101 Resp: 54471

Ion Ratio Lower Upper

101 100

85 41.0 33.4 50.0

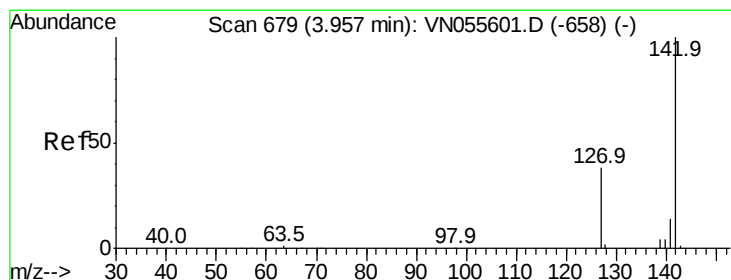
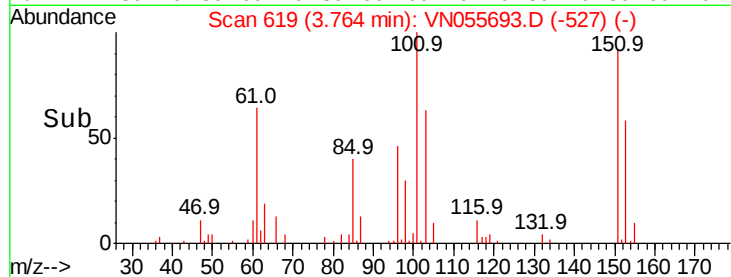
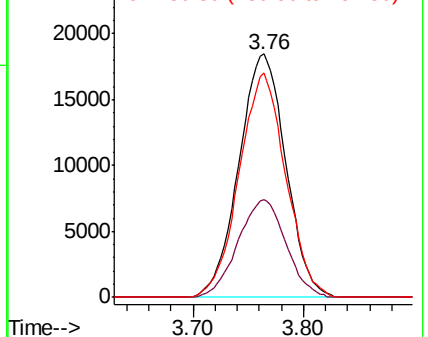
151 91.2 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.319 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

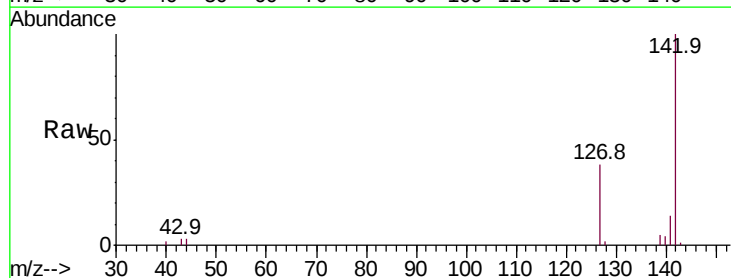
Tgt Ion:142 Resp: 50136

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

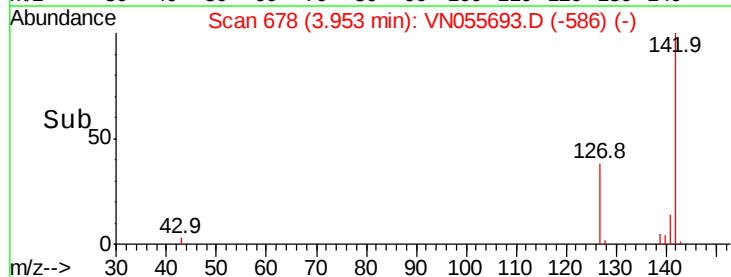
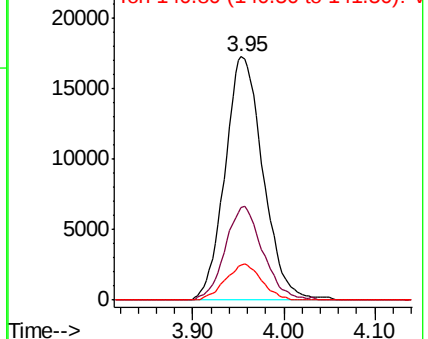
141 14.0 11.5 17.3

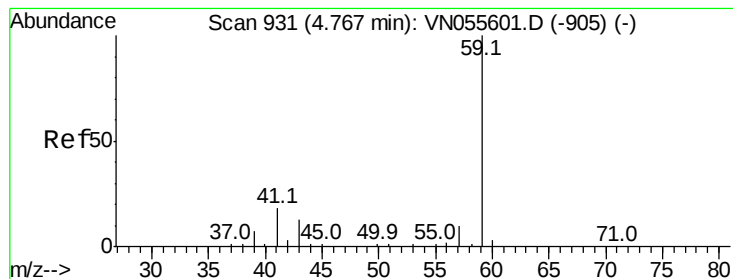


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 96.994 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.01 min

Lab File: VN055693.D

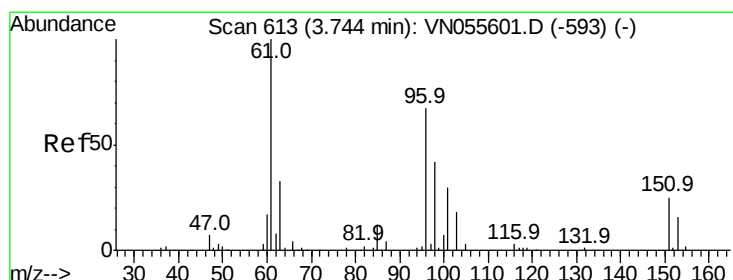
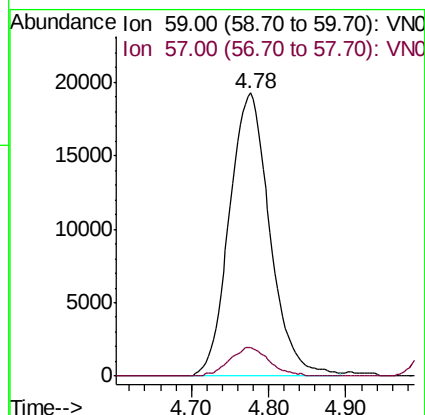
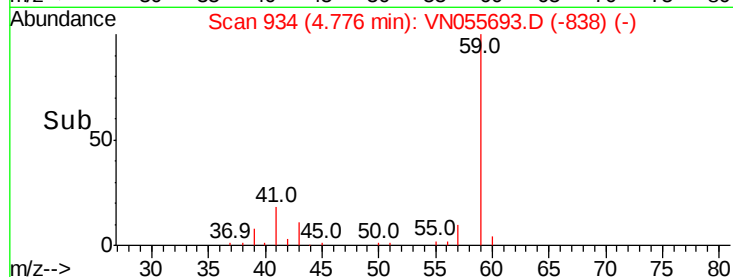
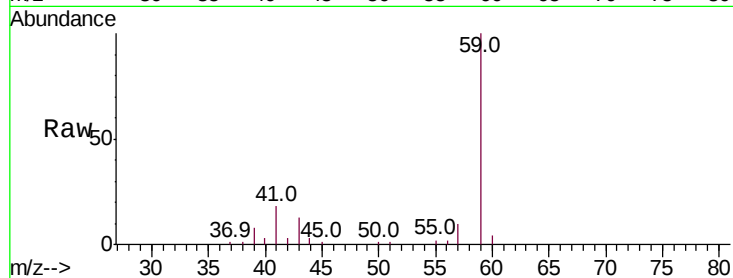
Acq: 21 May 2019 1:08

Tot Ion: 59 Resp: 70172

Ion Ratio Lower Upper

59 100

57 10.0 7.8 11.6



#12

1,1-Dichloroethene

Concen: 17.558 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

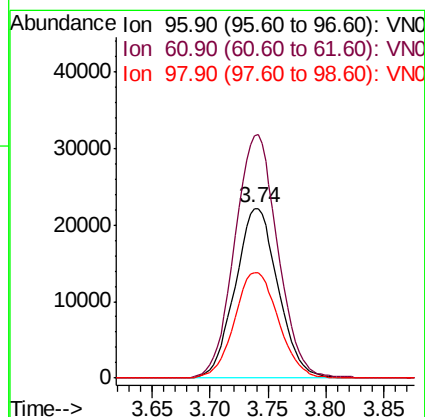
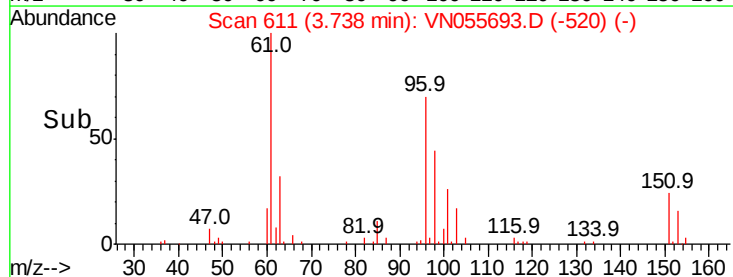
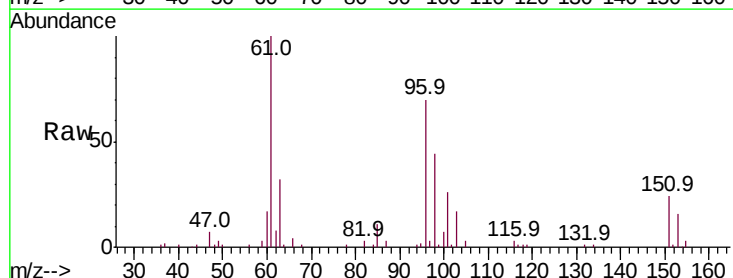
Tgt Ion: 96 Resp: 56749

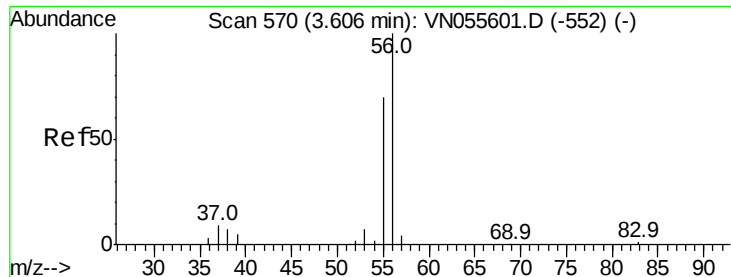
Ion Ratio Lower Upper

96 100

61 142.5 120.2 180.2

98 62.3 50.6 75.8





#13

Acrolein

Concen: 73.877 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055693.D

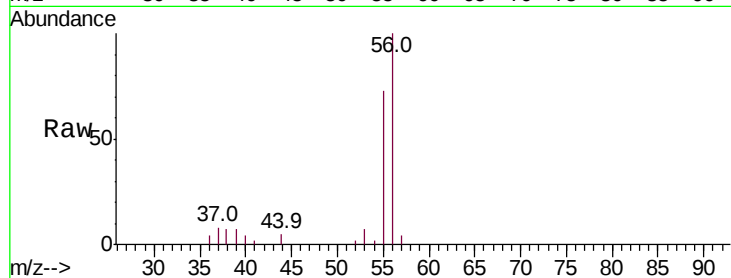
Acq: 21 May 2019 1:08

Tot Ion: 56 Resp: 26907

Ion Ratio Lower Upper

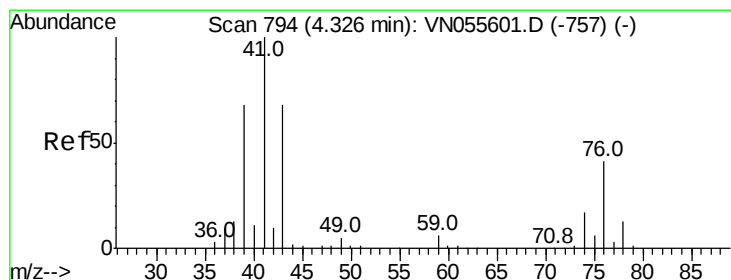
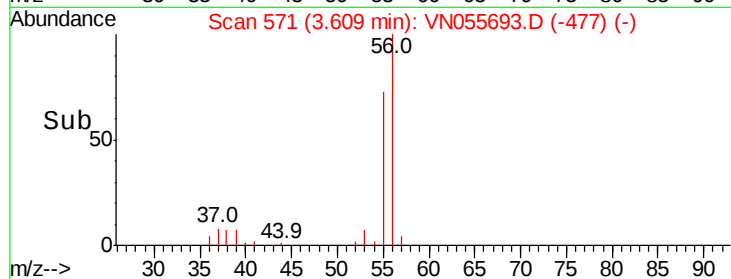
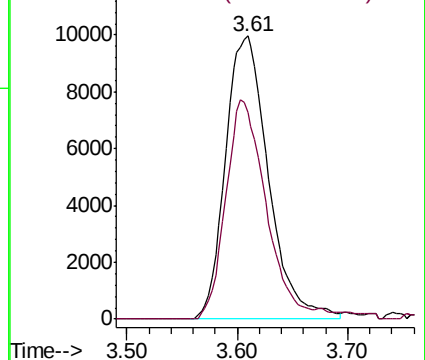
56 100

55 71.9 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: 16.767 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

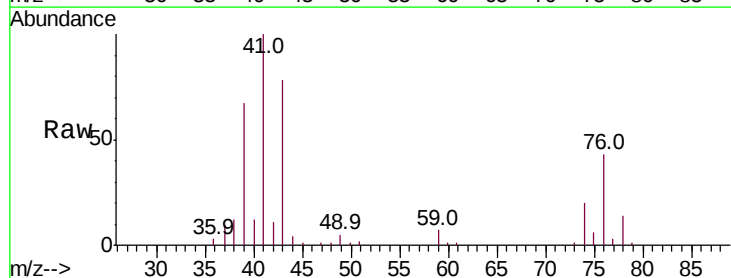
Tgt Ion: 41 Resp: 87488

Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

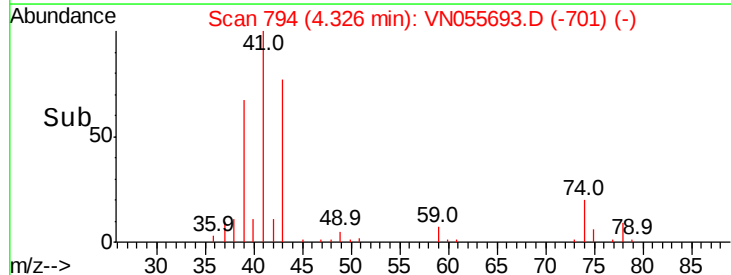
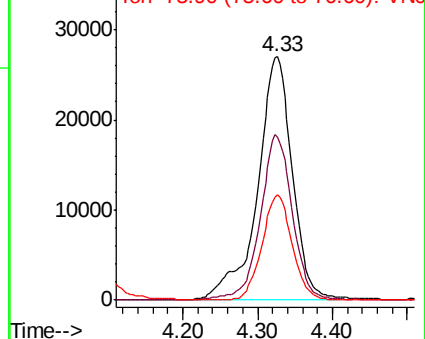
76 37.2 29.2 43.8

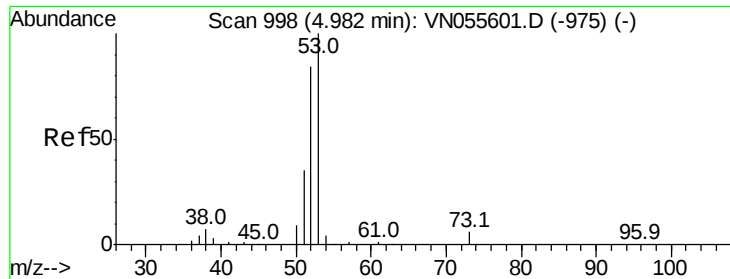


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 92.890 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

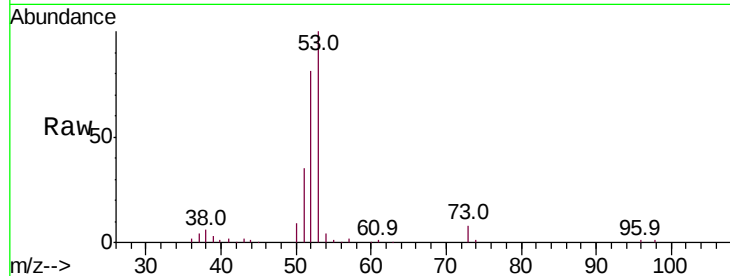
Tot Ion: 53 Resp: 149515

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.4

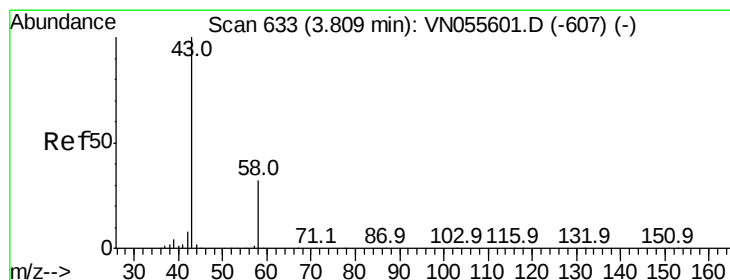
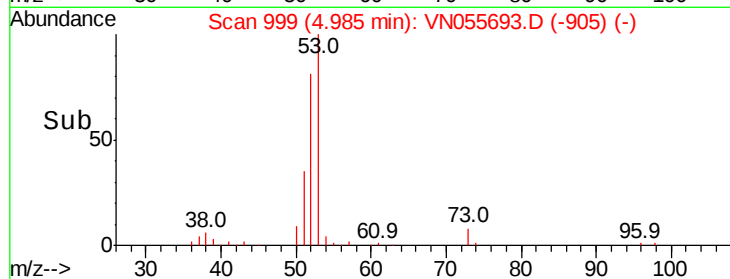
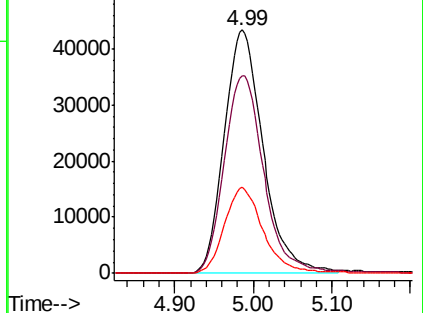
51 34.9 28.5 42.7



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: 77.357 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN055693.D

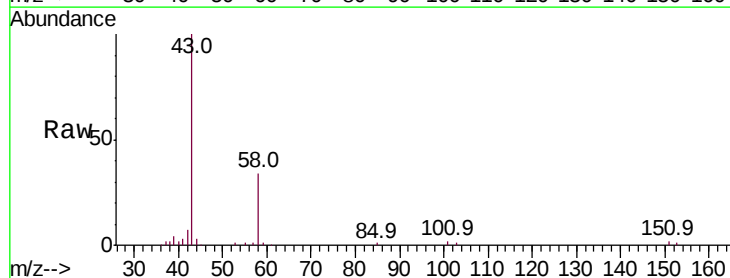
Acq: 21 May 2019 1:08

Tgt Ion: 43 Resp: 122473

Ion Ratio Lower Upper

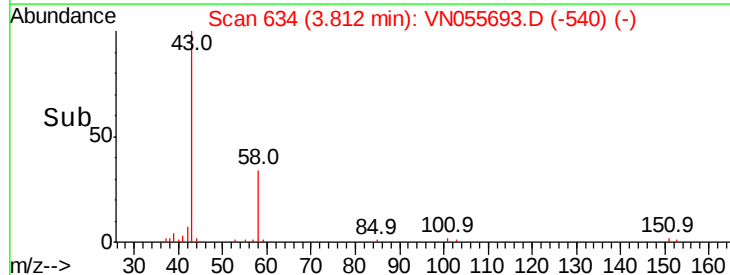
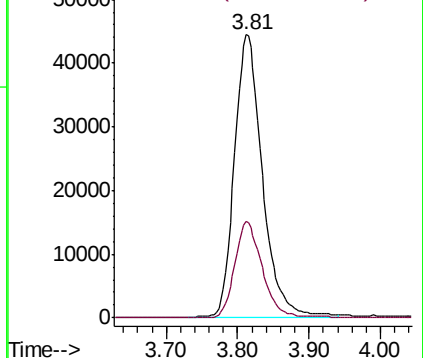
43 100

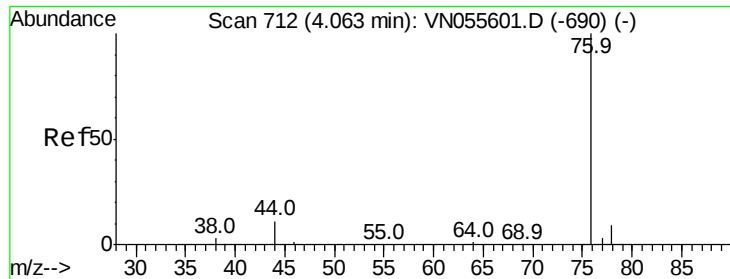
58 33.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

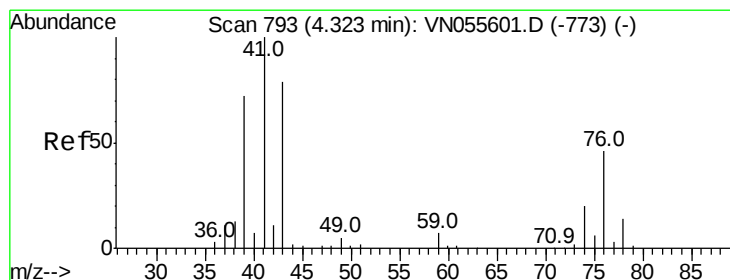
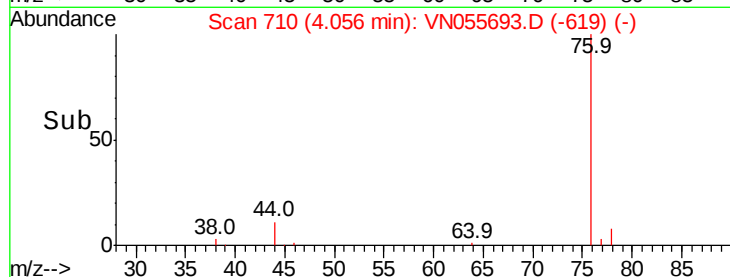
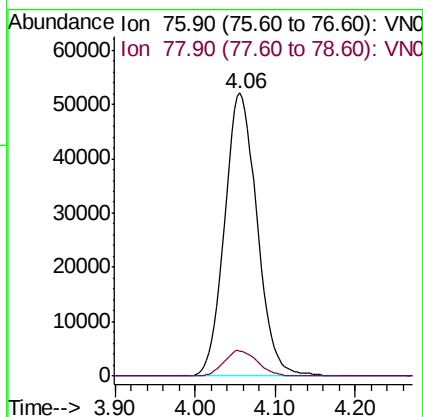
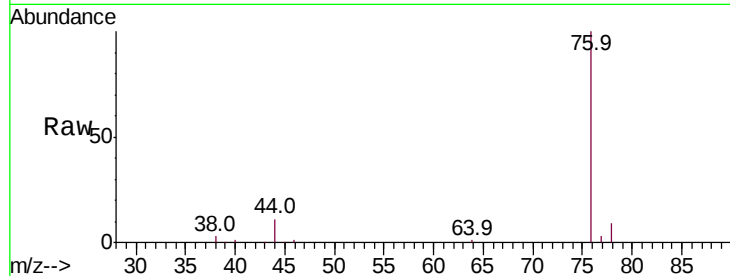
Ion 58.00 (57.70 to 58.70): VN0





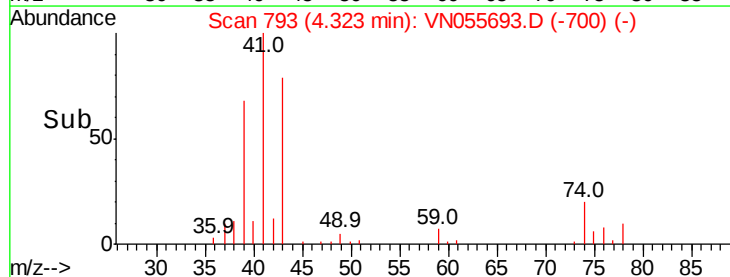
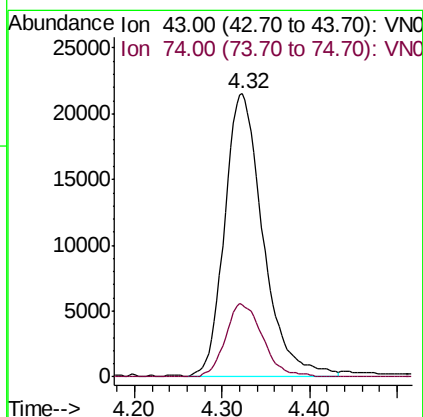
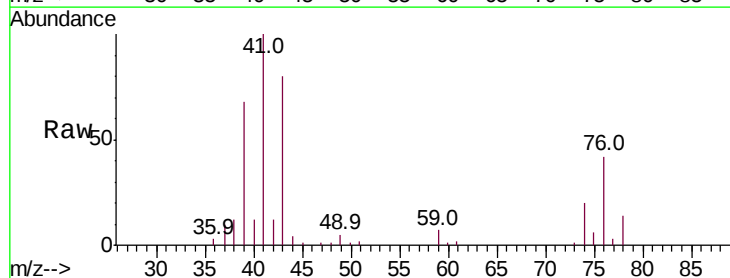
#17
Carbon Disulfide
Concen: 16.031 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.01 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

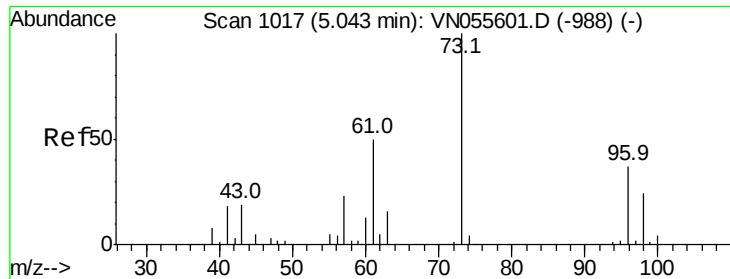
Tot Ion: 76 Resp: 144035
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 19.423 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion: 43 Resp: 65926
Ion Ratio Lower Upper
43 100
74 24.9 19.9 29.9

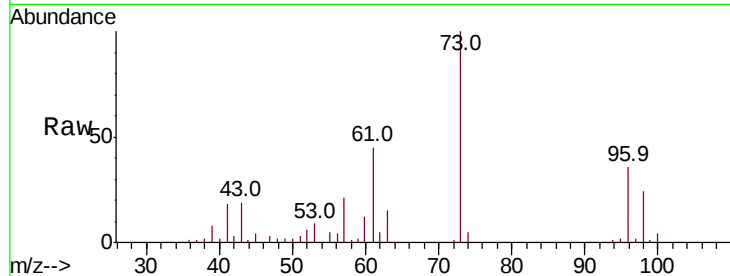




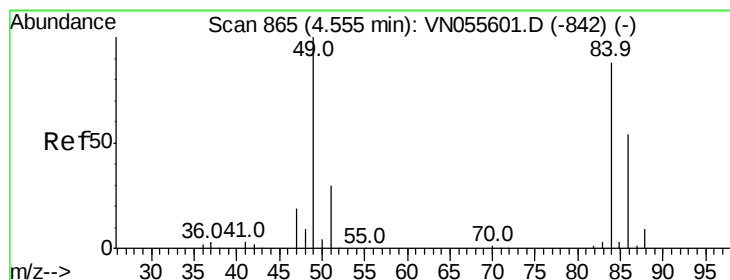
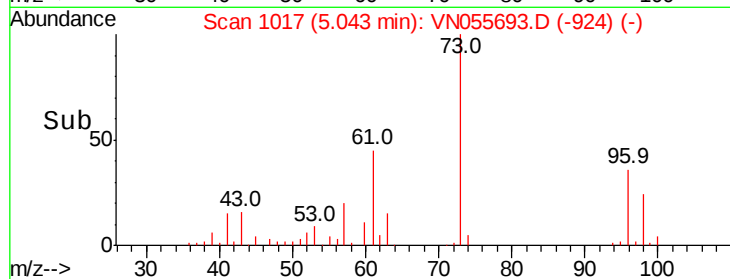
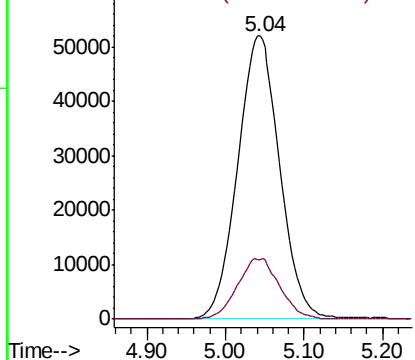
#19

Methyl tert-butyl Ether
 Concen: 18.238 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tot Ion: 73 Resp: 195013
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.2 27.2



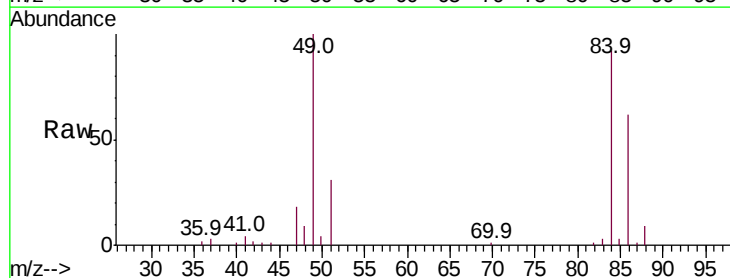
Abundance Ion 73.00 (72.70 to 73.70): VNO
 Ion 57.00 (56.70 to 57.70): VNO



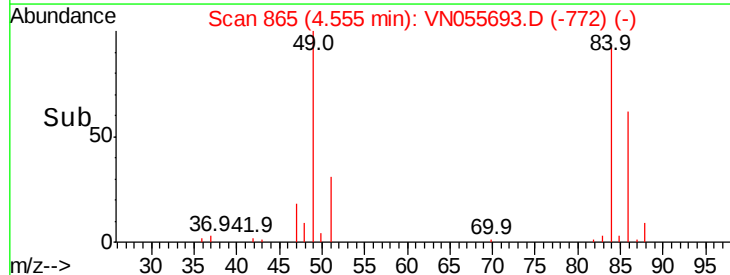
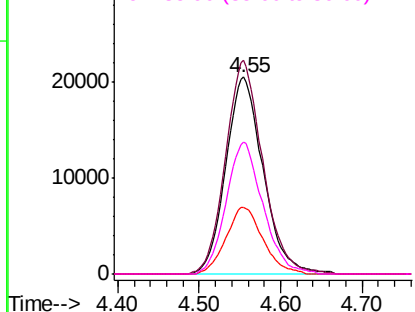
#20

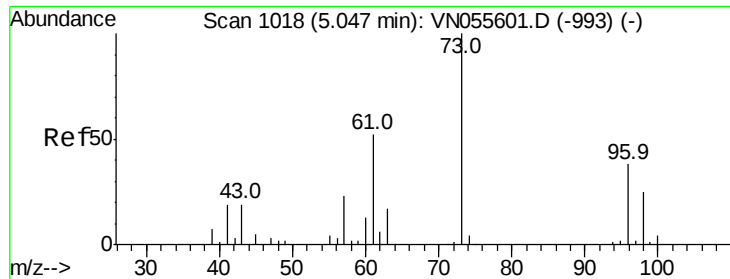
Methylene Chloride
 Concen: 18.158 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tgt Ion: 84 Resp: 65608
 Ion Ratio Lower Upper
 84 100
 49 108.6 91.0 136.4
 51 34.2 27.5 41.3
 86 67.2 49.4 74.0



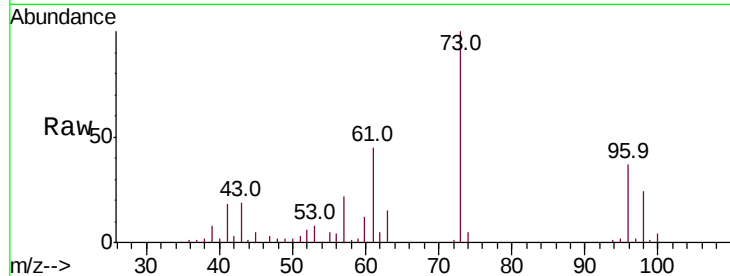
Abundance Ion 83.90 (83.60 to 84.60): VNO
 Ion 48.90 (48.60 to 49.60): VNO
 Ion 50.90 (50.60 to 51.60): VNO
 Ion 85.90 (85.60 to 86.60): VNO



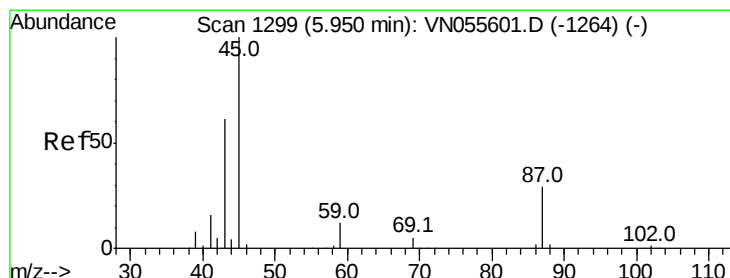
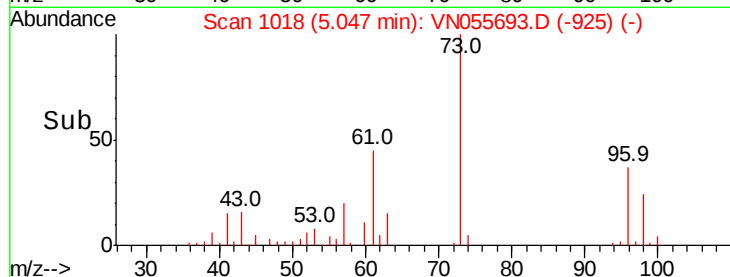
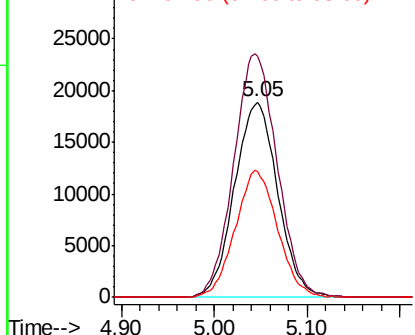


#21
trans-1,2-Dichloroethene
Concen: 17.731 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tot Ion: 96 Resp: 61049
Ion Ratio Lower Upper
96 100
61 123.4 108.6 162.8
98 64.4 51.4 77.0

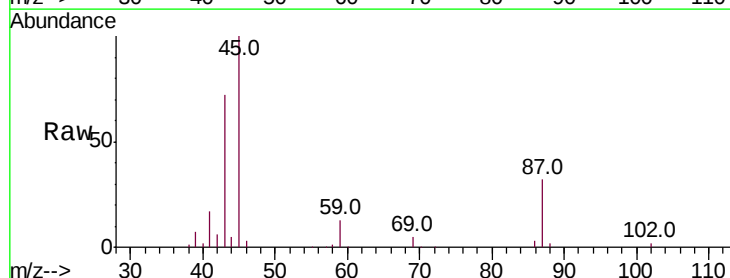


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

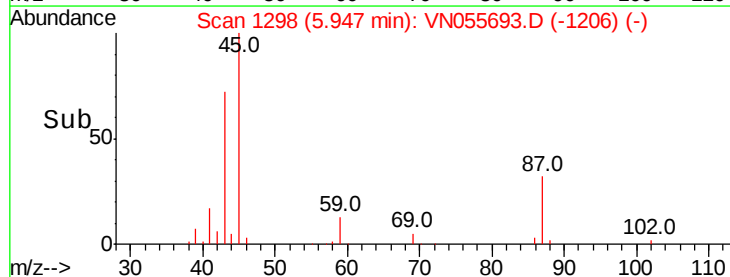
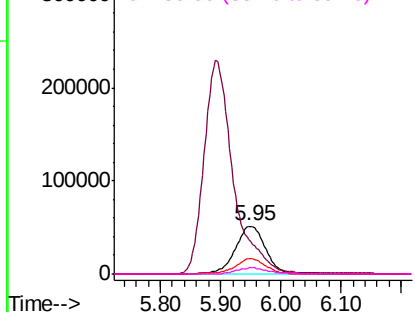


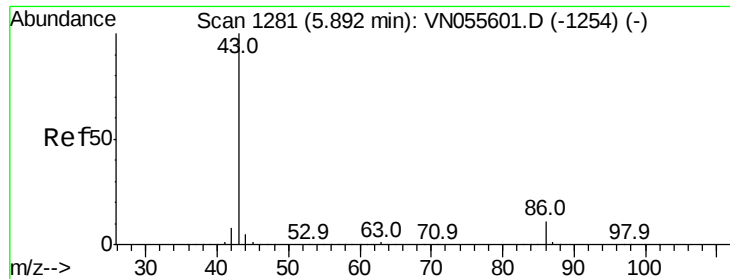
#22
Diisopropyl ether
Concen: 17.583 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion: 45 Resp: 181799
Ion Ratio Lower Upper
45 100
43 69.8 50.4 75.6
87 31.5 23.8 35.6
59 12.7 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: 87.202 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VN055693.D

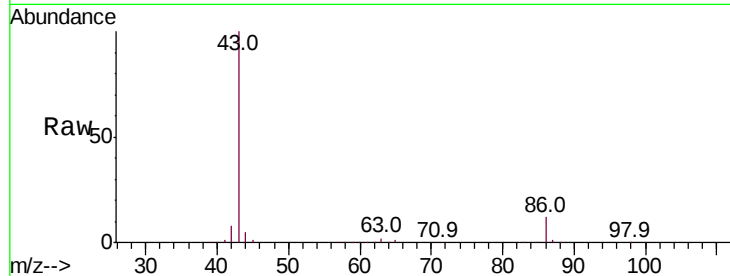
Acq: 21 May 2019 1:08

Tot Ion: 43 Resp: 765036

Ion Ratio Lower Upper

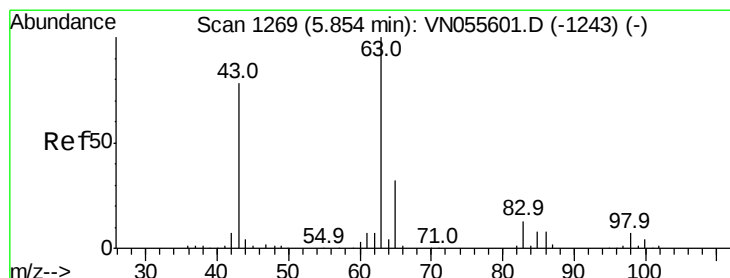
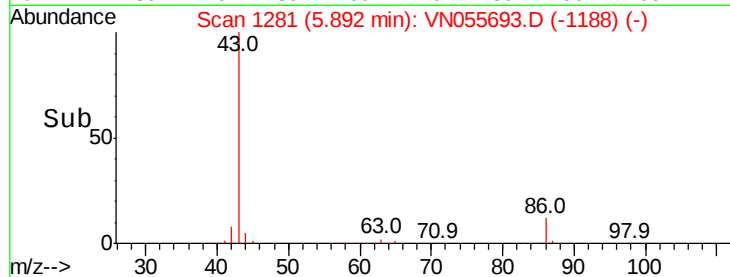
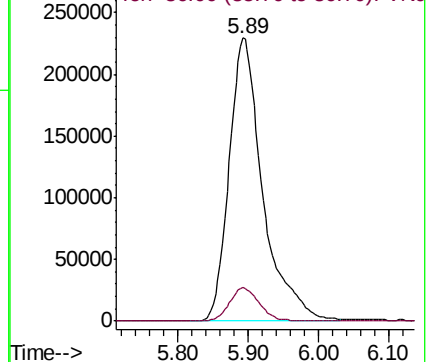
43 100

86 11.8 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: 17.676 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

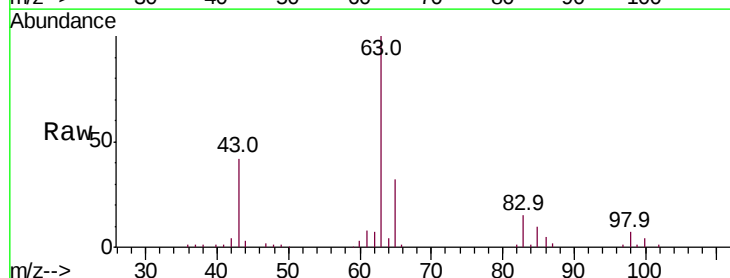
Tgt Ion: 63 Resp: 107160

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

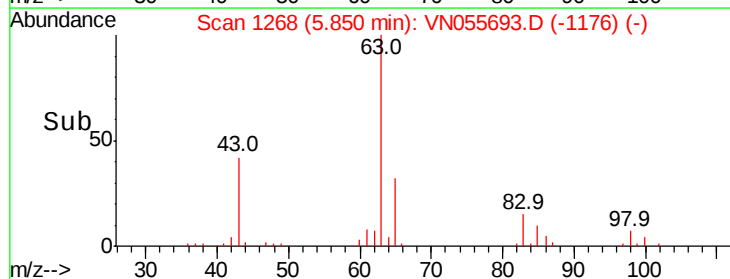
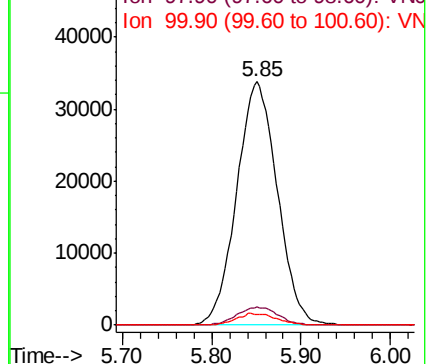
100 4.3 2.2 6.6

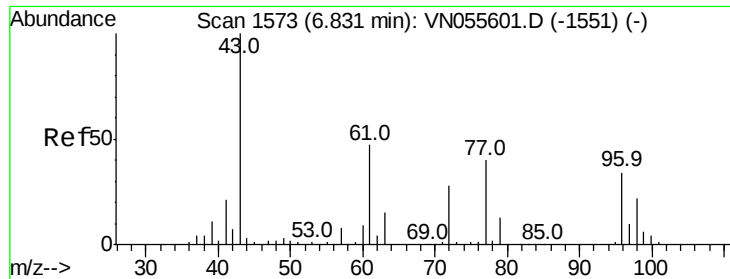


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

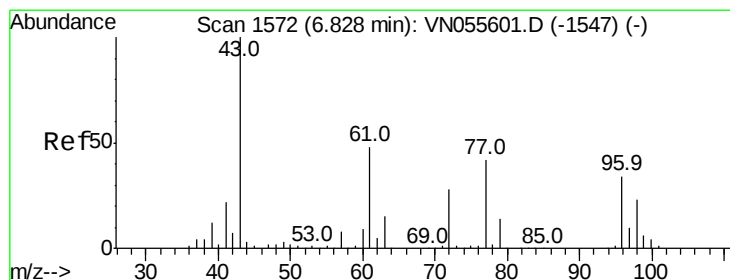
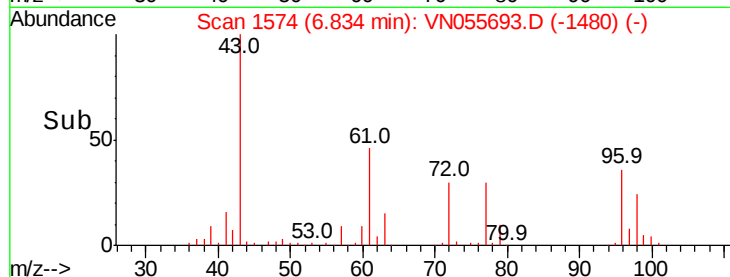
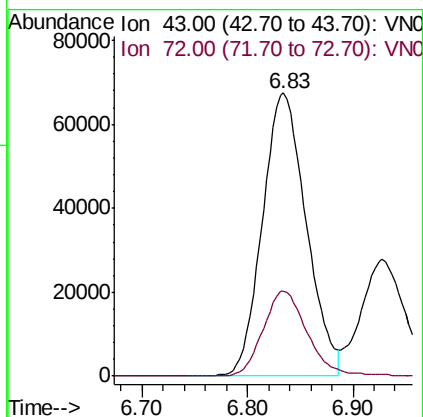
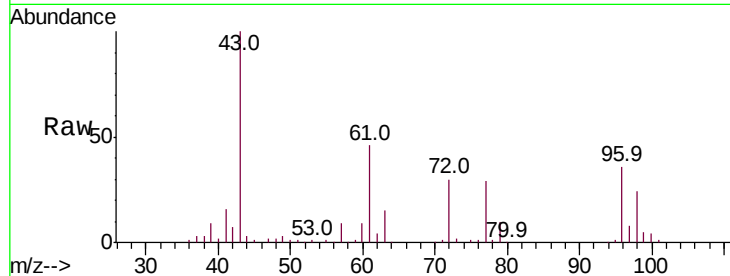
Ion 99.90 (99.60 to 100.60): VN0





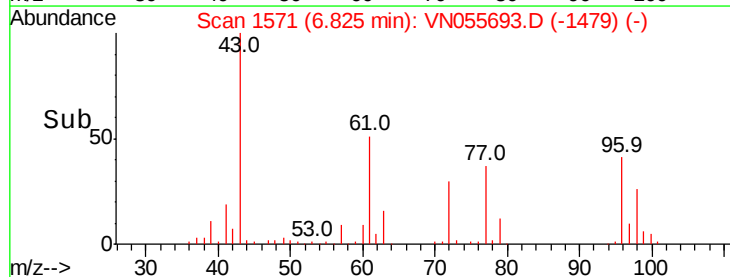
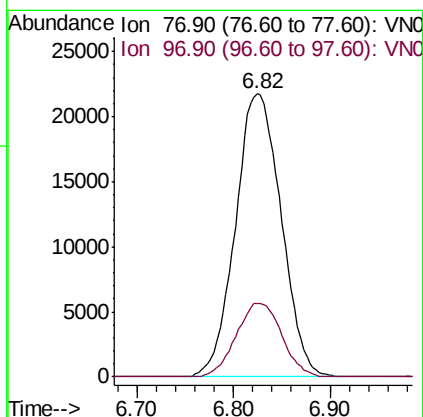
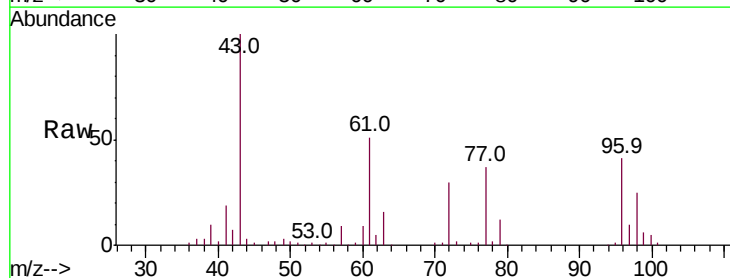
#25
2-Butanone
Concen: 87.939 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

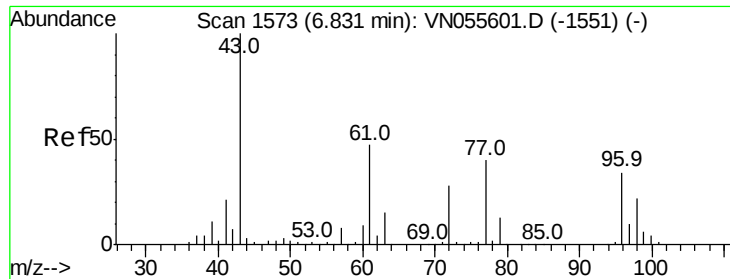
Tot Ion: 43 Resp: 194668
Ion Ratio Lower Upper
43 100
72 30.2 22.3 33.5



#26
2,2-Dichloropropane
Concen: 13.280 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion: 77 Resp: 71454
Ion Ratio Lower Upper
77 100
97 25.9 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 18.323 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

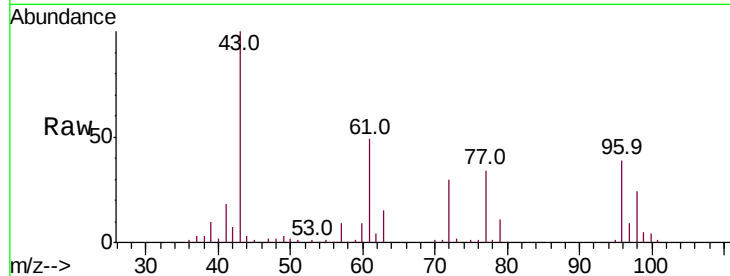
Tot Ion: 96 Resp: 73463

Ion Ratio Lower Upper

96 100

61 127.1 0.0 279.0

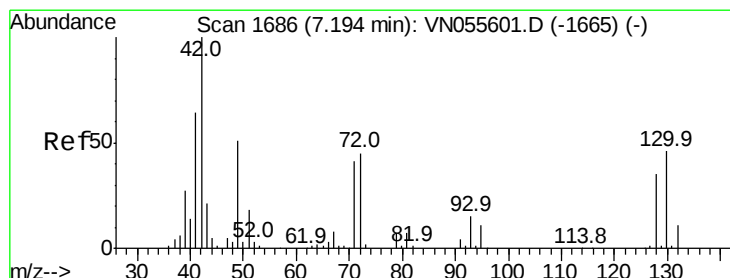
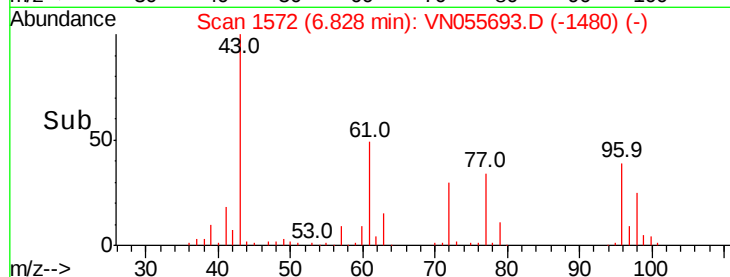
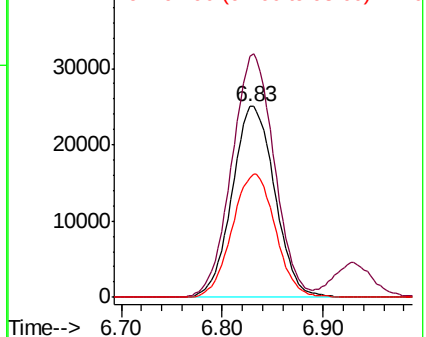
98 65.4 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VN055601.D (-1551) (-)

Ion 60.90 (60.60 to 61.60): VN055601.D (-1551) (-)

Ion 97.90 (97.60 to 98.60): VN055601.D (-1551) (-)



#28

Bromochloromethane

Concen: 17.236 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

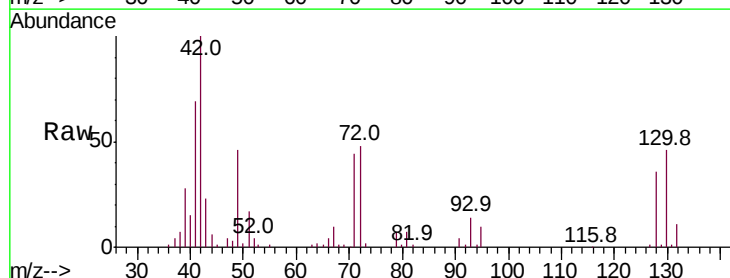
Tgt Ion: 49 Resp: 45459

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

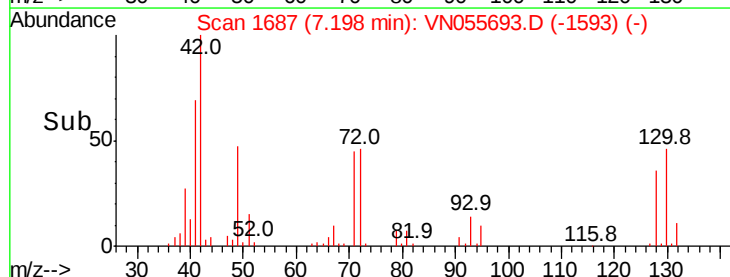
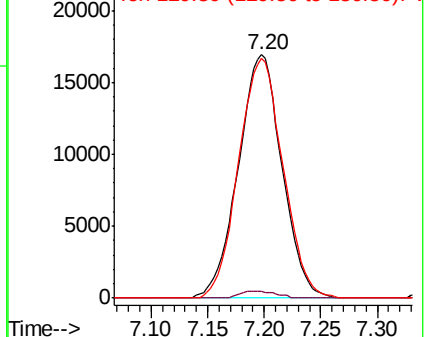
130 100.1 71.0 106.6

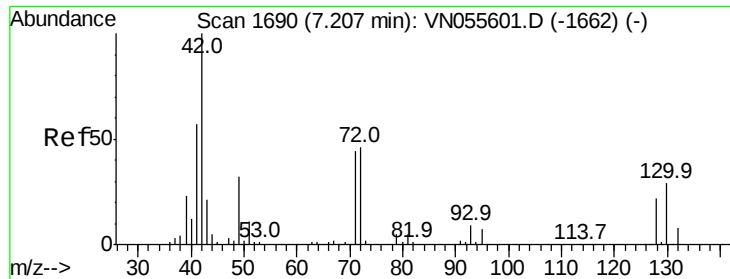


Abundance Ion 48.90 (48.60 to 49.60): VN055601.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN055601.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN055601.D (-1665) (-)





#29

Tetrahydrofuran

Concen: 89.108 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

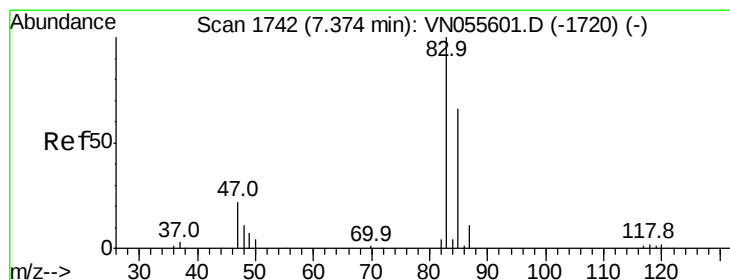
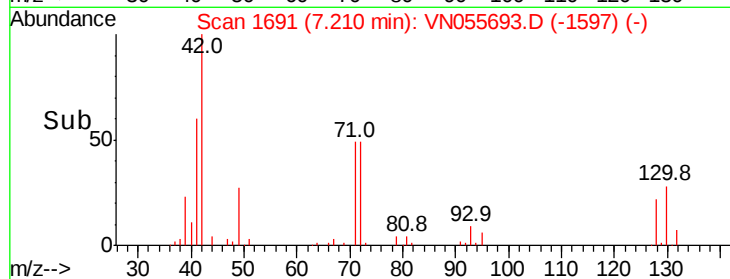
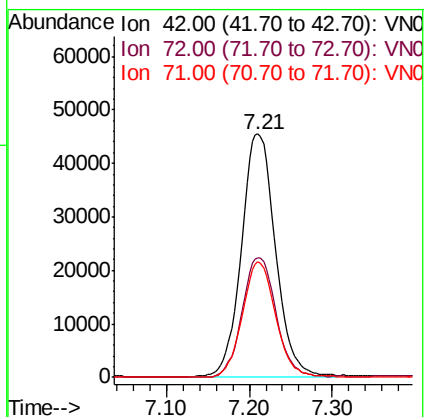
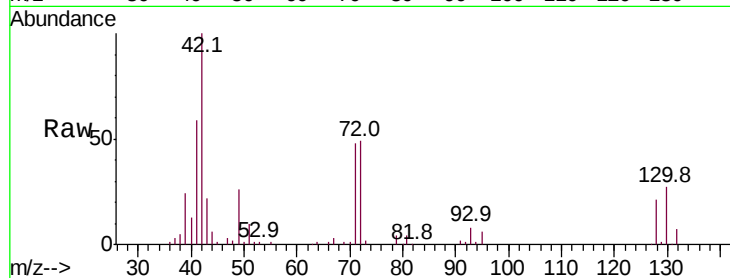
Tot Ion: 42 Resp: 130685

Ion Ratio Lower Upper

42 100

72 48.8 36.5 54.7

71 46.3 34.9 52.3



#30

Chloroform

Concen: 18.013 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN055693.D

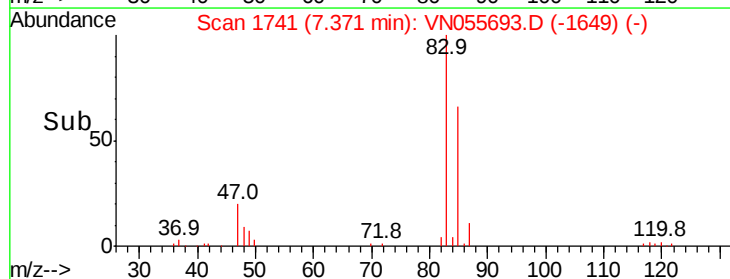
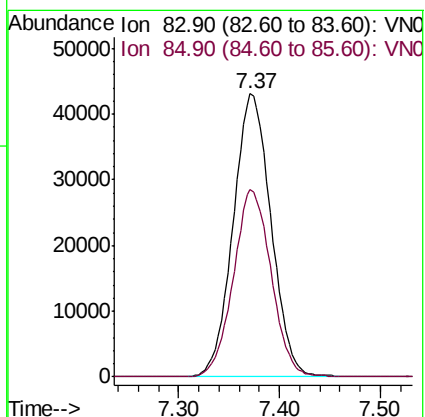
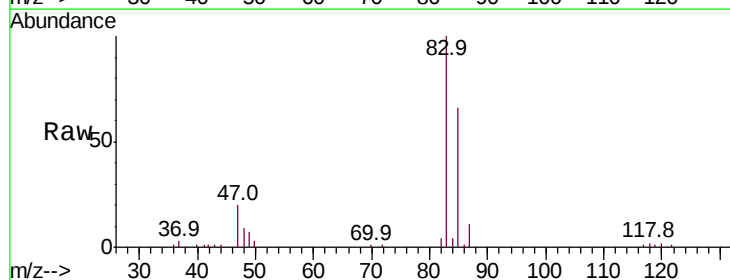
Acq: 21 May 2019 1:08

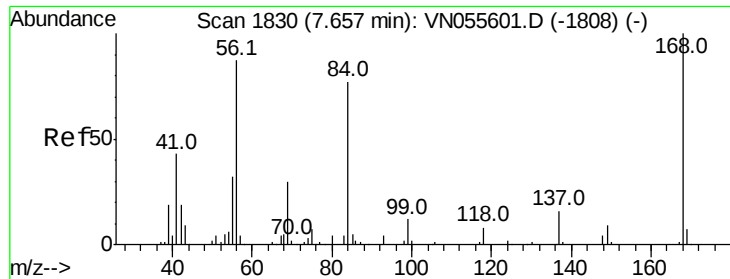
Tgt Ion: 83 Resp: 112098

Ion Ratio Lower Upper

83 100

85 66.4 52.6 78.8





#31

Cyclohexane

Concen: 16.645 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

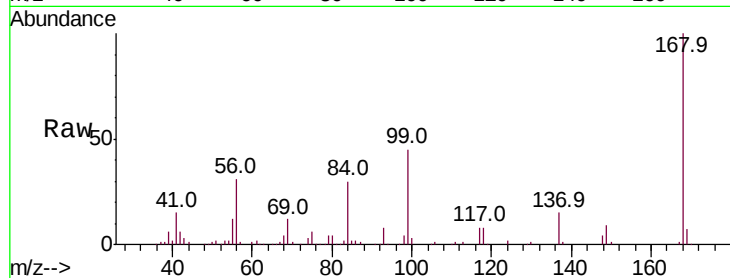
Tot Ion: 56 Resp: 95771

Ion Ratio Lower Upper

56 100

69 38.8 27.2 40.8

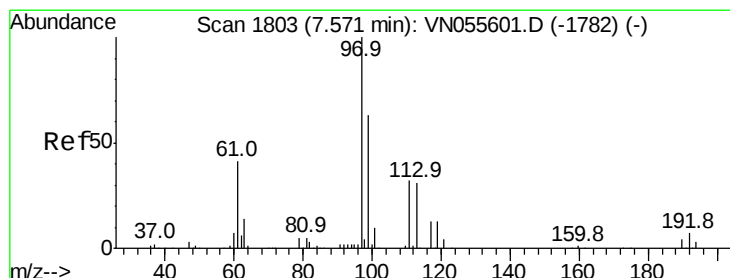
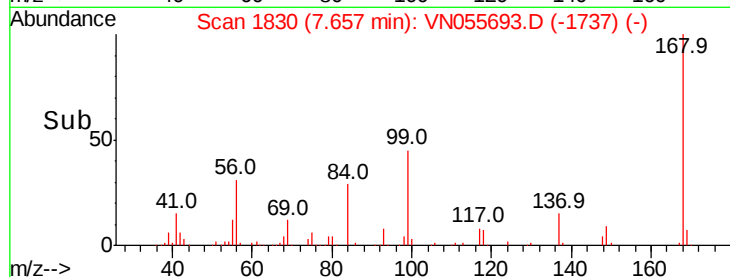
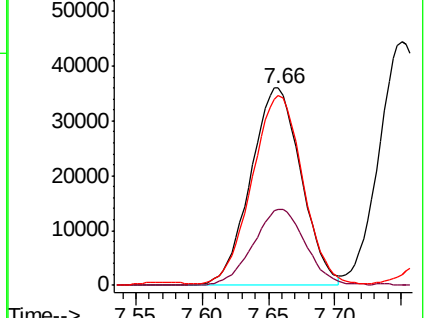
84 95.4 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN055601.D (-1808) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-1808) (-)

Ion 84.00 (83.70 to 84.70): VN055601.D (-1808) (-)



#32

1,1,1-Trichloroethane

Concen: 18.247 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

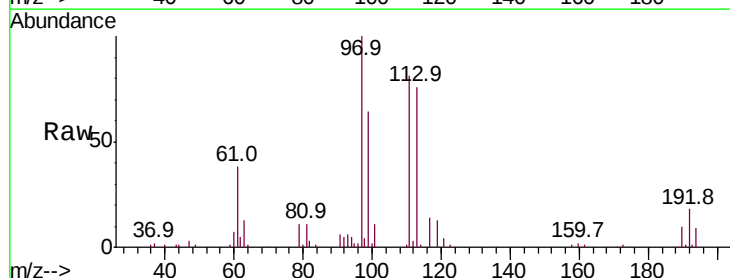
Tgt Ion: 97 Resp: 101849

Ion Ratio Lower Upper

97 100

99 63.1 51.4 77.2

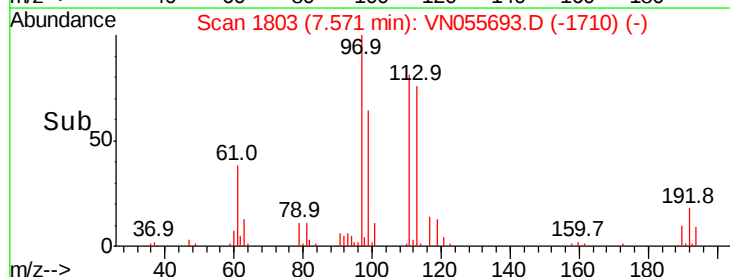
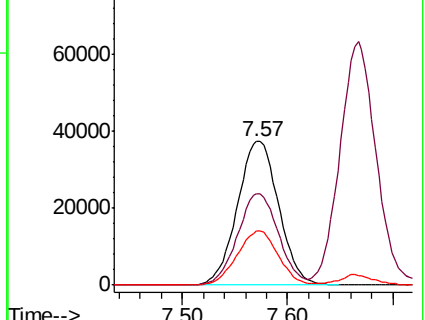
61 37.7 32.9 49.3

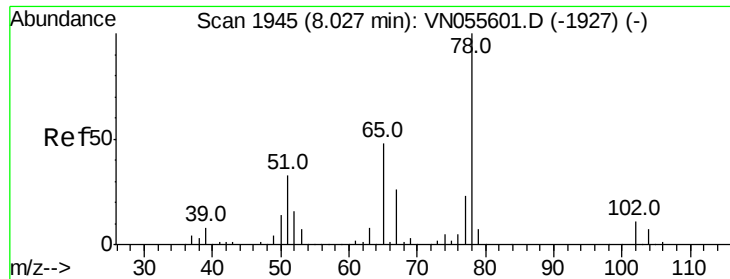


Abundance Ion 96.90 (96.60 to 97.60): VN055601.D (-1782) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1782) (-)

Ion 60.90 (60.60 to 61.60): VN055601.D (-1782) (-)





#33

1,2-Dichloroethane-d4

Concen: 43.570 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055693.D

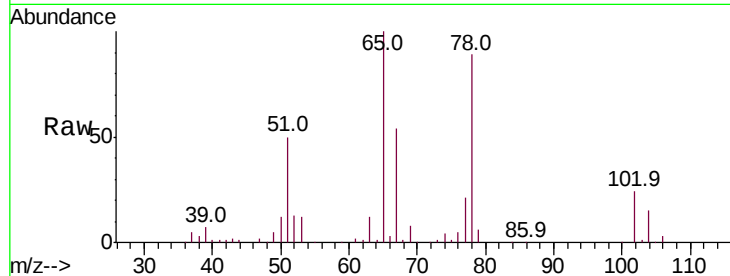
Acq: 21 May 2019 1:08

Tot Ion: 65 Resp: 169032

Ion Ratio Lower Upper

65 100

67 55.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

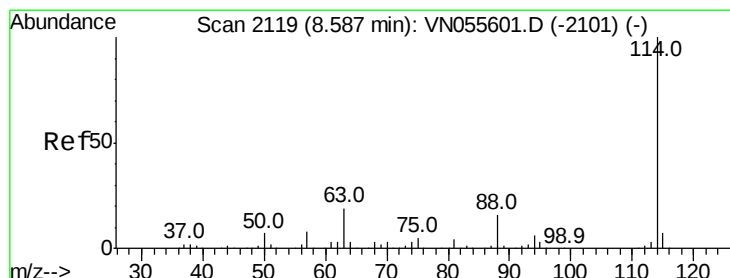
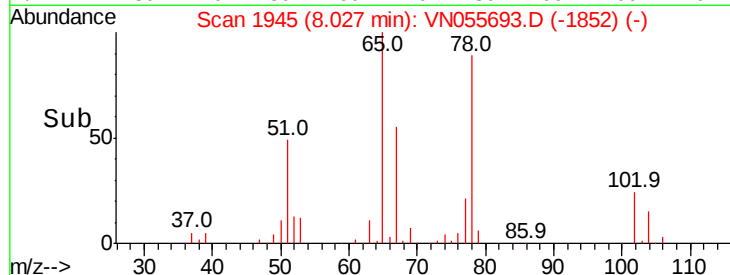
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

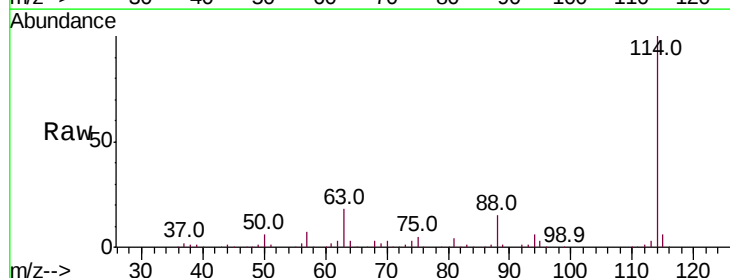
Tgt Ion: 114 Resp: 505813

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.2

88 14.7 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

8.59

300000

250000

200000

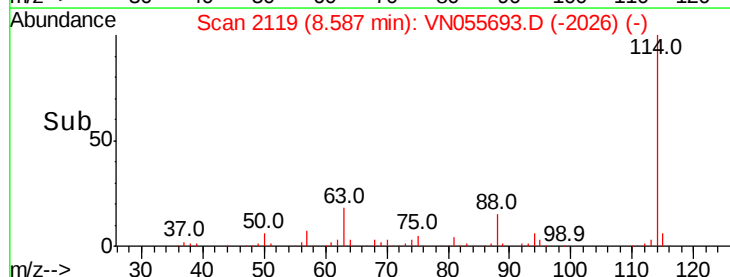
150000

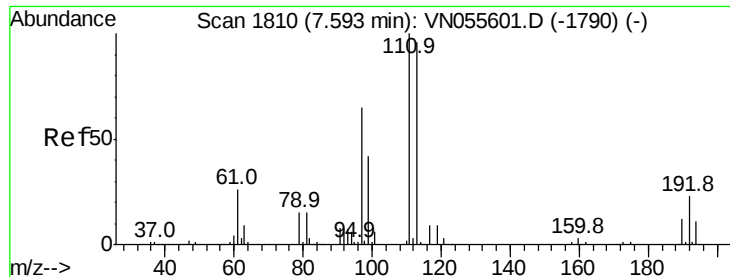
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.236 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

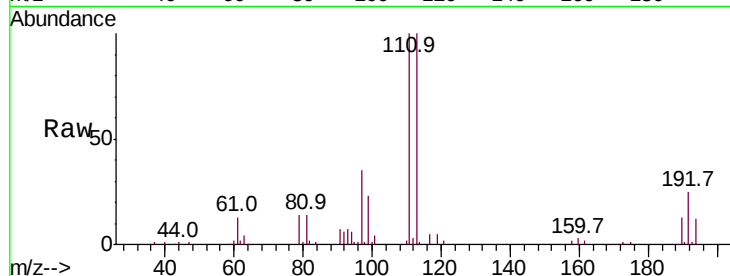
Tot Ion:113 Resp: 161417

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

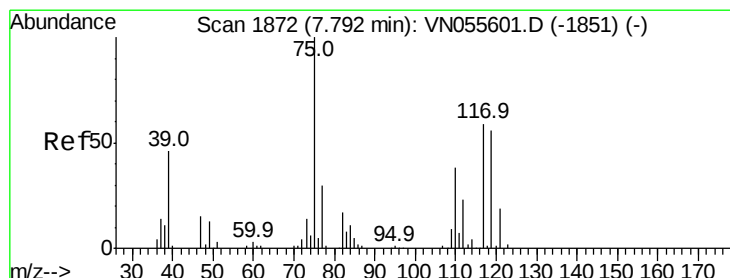
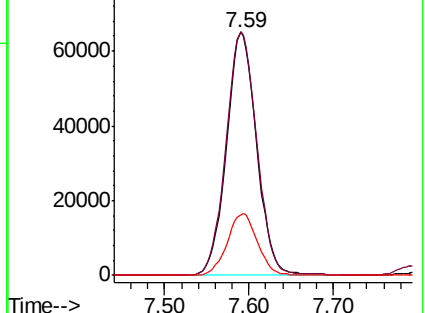
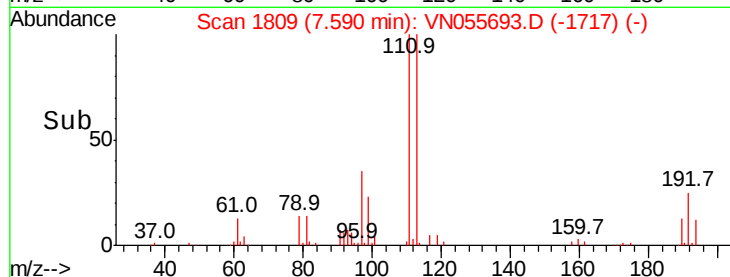
192 25.3 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.607 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

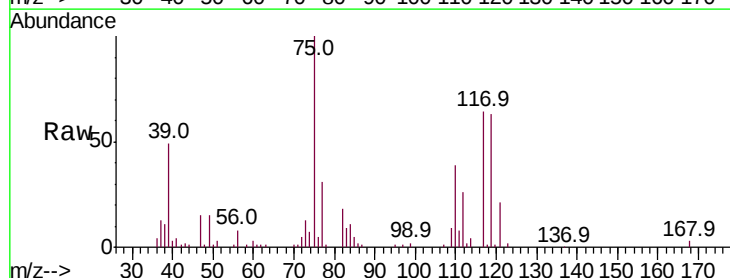
Tgt Ion: 75 Resp: 79402

Ion Ratio Lower Upper

75 100

110 39.3 18.6 55.6

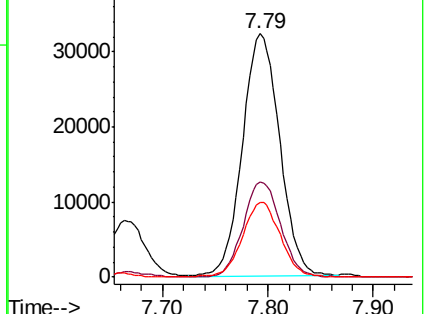
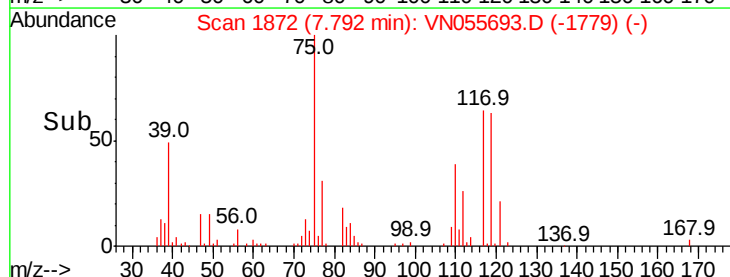
77 31.6 24.9 37.3

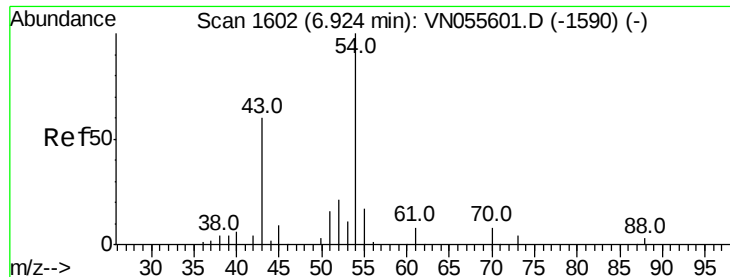


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 19.774 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

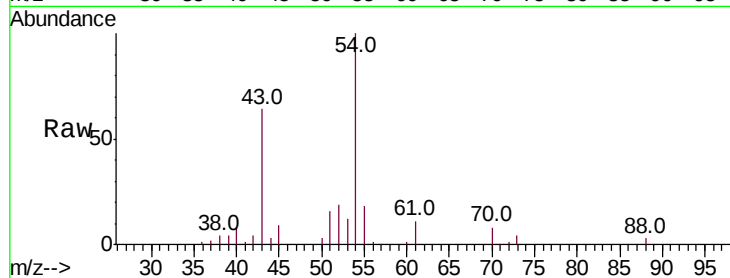
Tot Ion: 43 Resp: 80467

Ion Ratio Lower Upper

43 100

61 15.6 11.4 17.0

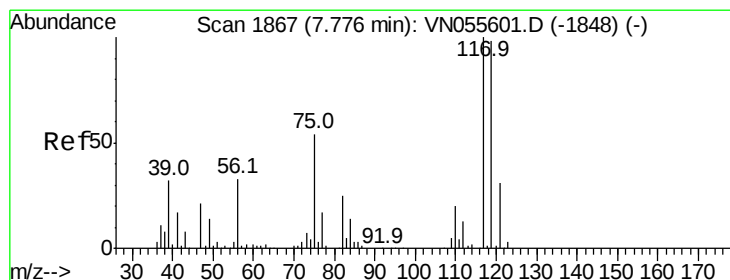
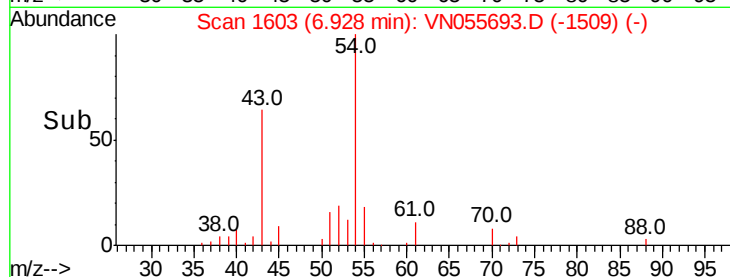
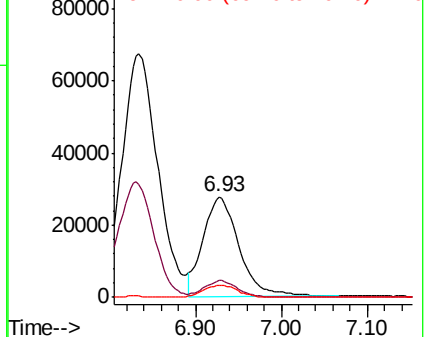
70 11.6 9.2 13.8



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

Ion 60.90 (60.60 to 61.60): VN055601.D (-1590) (-)

Ion 70.00 (69.70 to 70.70): VN055601.D (-1590) (-)



#38

Carbon Tetrachloride

Concen: 18.799 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

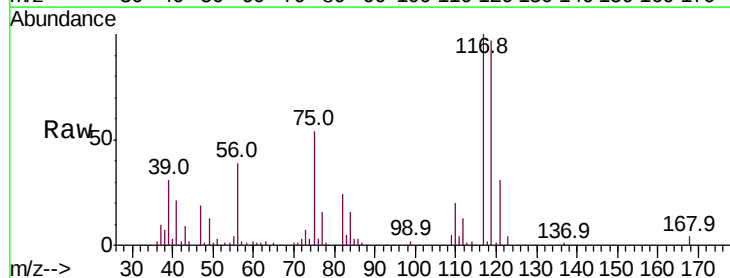
Tgt Ion: 117 Resp: 90593

Ion Ratio Lower Upper

117 100

119 97.2 77.8 116.8

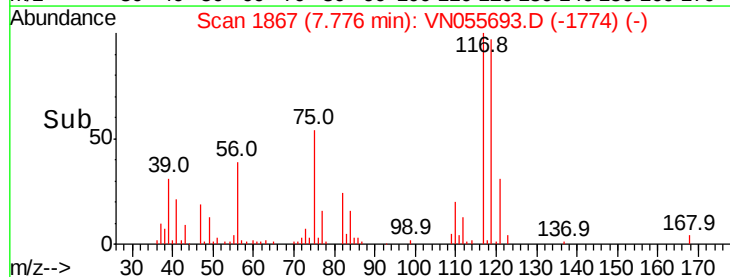
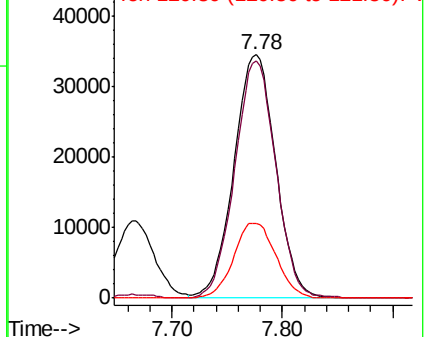
121 30.8 24.6 37.0

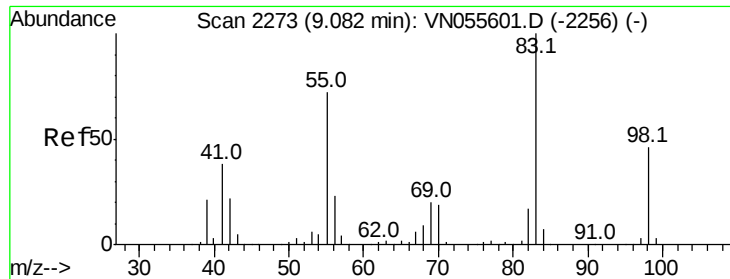


Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN055601.D (-1848) (-)

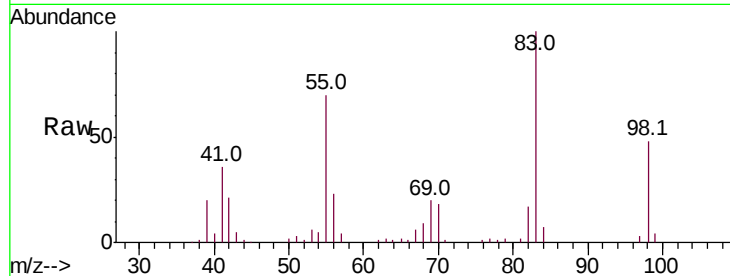
Ion 120.80 (120.50 to 121.50): VN055601.D (-1848) (-)



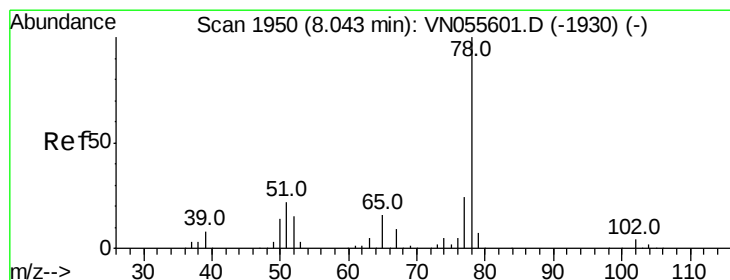
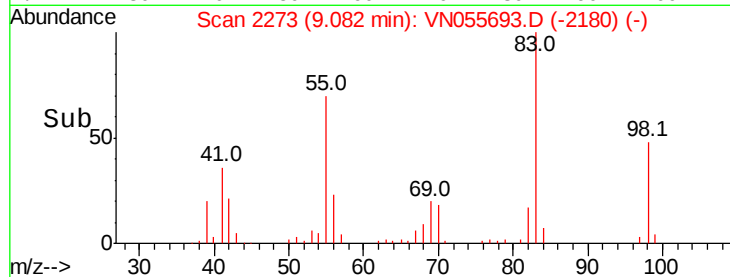
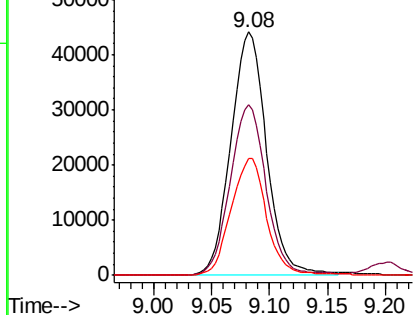


#39
Methvlcvclohexane
Concen: 17.329 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tot Ion: 83 Resp: 94204
Ion Ratio Lower Upper
83 100
55 70.0 57.8 86.6
98 48.0 36.7 55.1

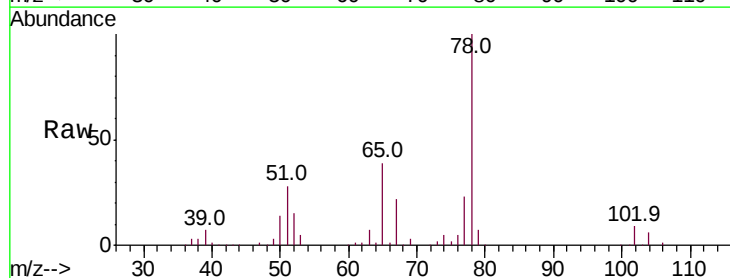


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

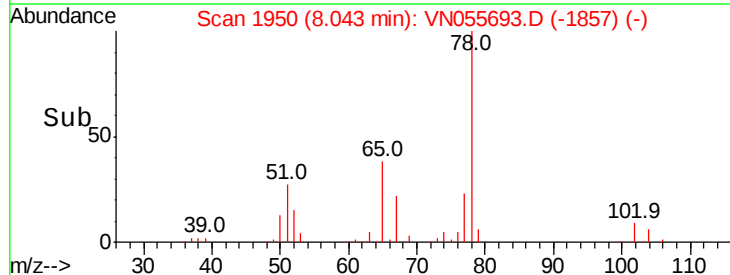
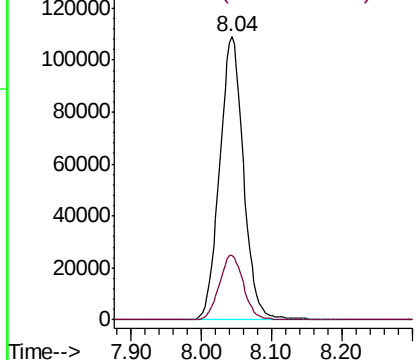


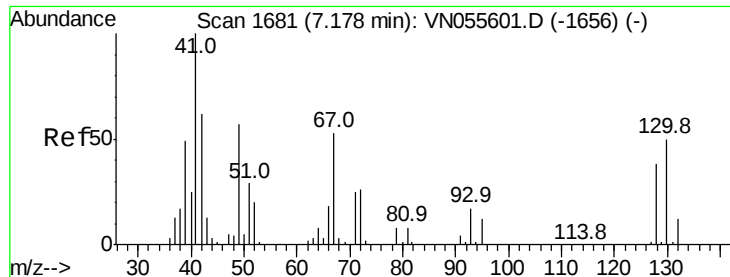
#40
Benzene
Concen: 19.445 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion: 78 Resp: 257924
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3



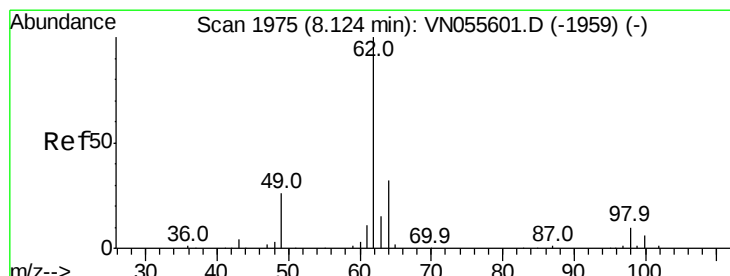
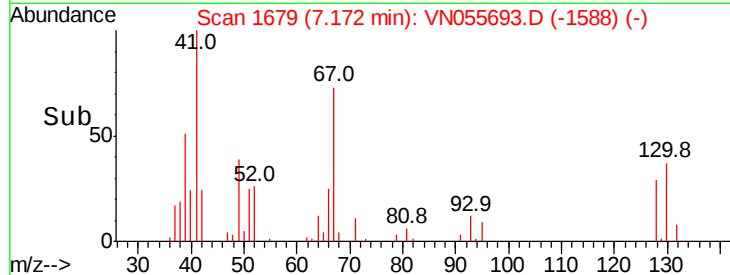
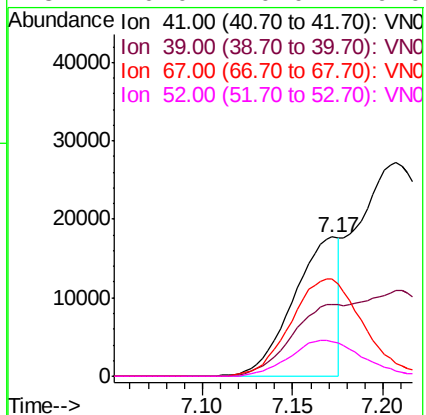
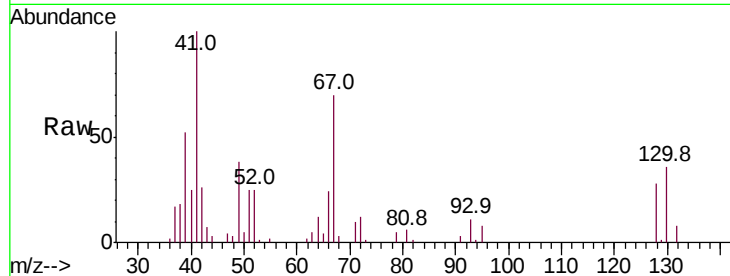
Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





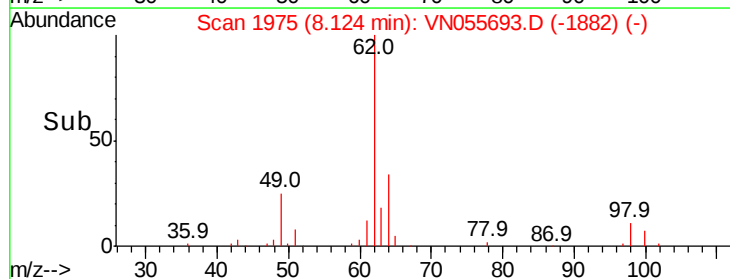
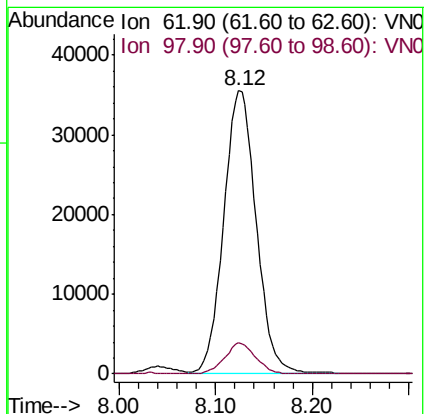
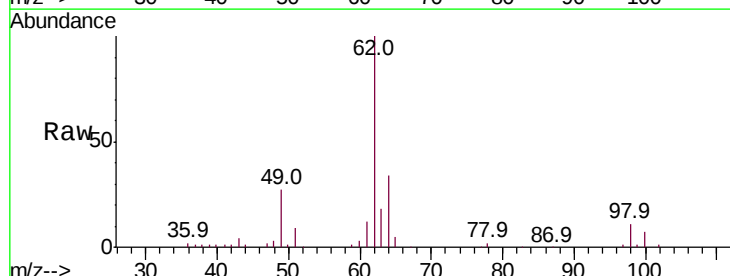
#41
Methacrylonitrile
Concen: 17.921 ug/l m
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

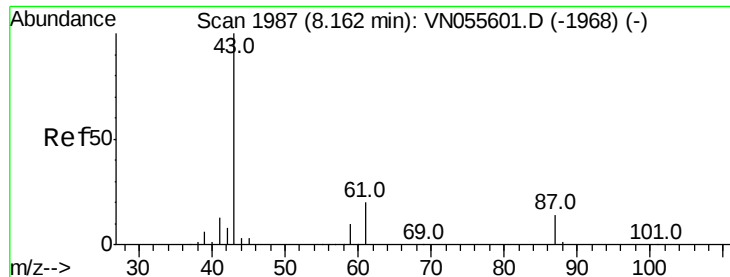
Tot Ion:	41	Resp:	31180
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.389 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion:	62	Resp:	83278
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.820 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

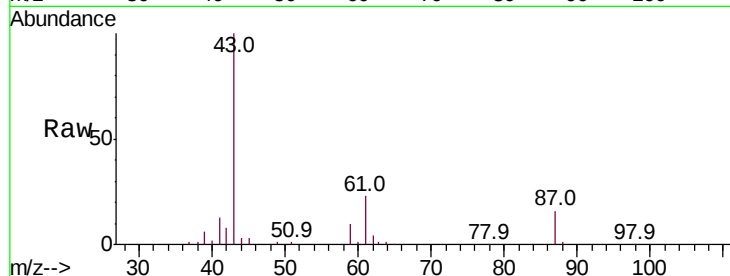
Tot Ion: 43 Resp: 147375

Ion Ratio Lower Upper

43 100

61 26.2 22.1 33.1

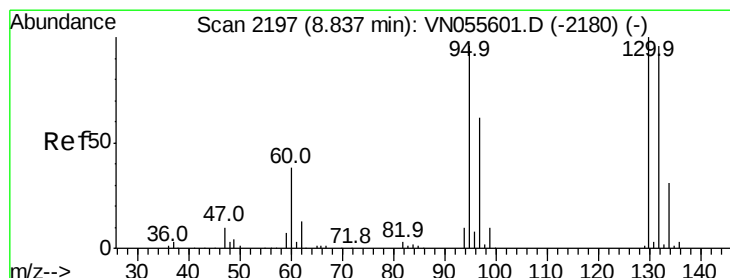
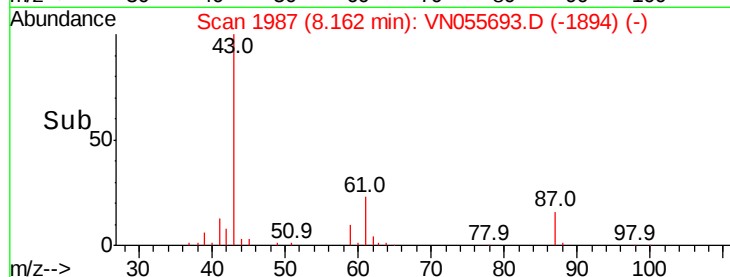
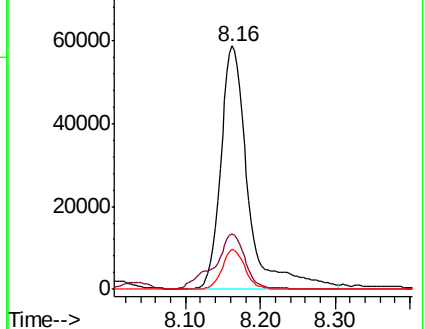
87 14.0 11.8 17.6



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

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

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



#44

Trichloroethene

Concen: 19.934 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN055693.D

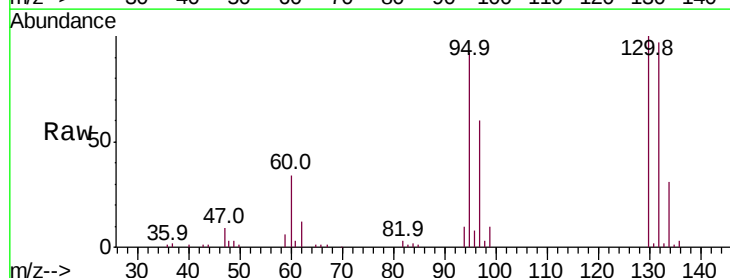
Acq: 21 May 2019 1:08

Tgt Ion:130 Resp: 74611

Ion Ratio Lower Upper

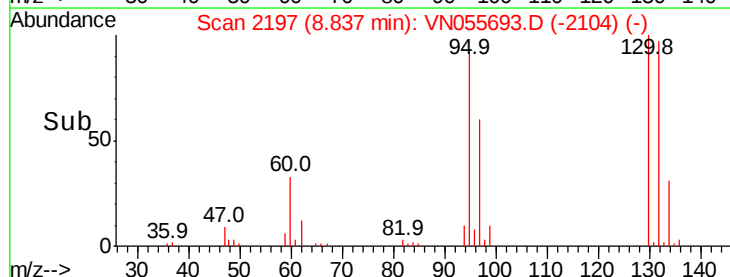
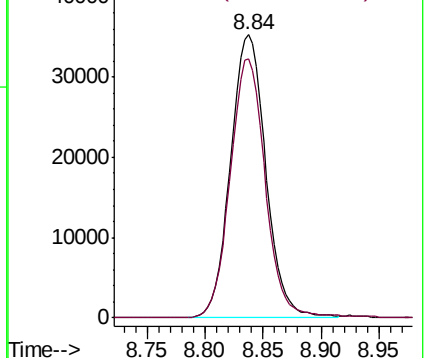
130 100

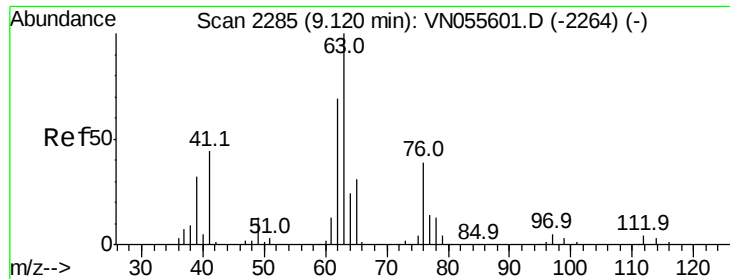
95 91.6 0.0 191.0



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

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





#45

1,2-Dichloropropane

Concen: 18.906 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055693.D

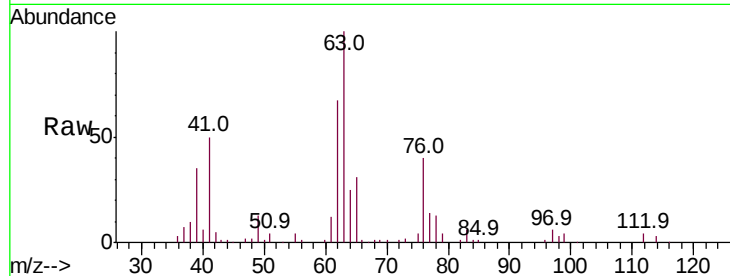
Acq: 21 May 2019 1:08

Tot Ion: 63 Resp: 66062

Ion Ratio Lower Upper

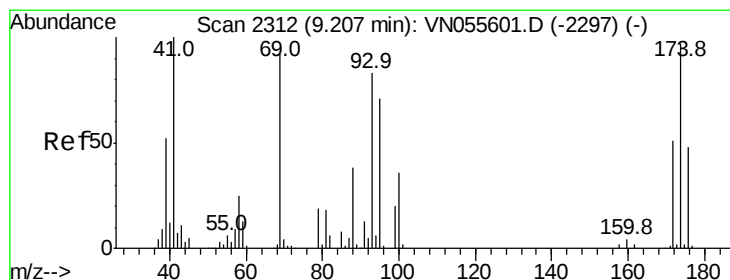
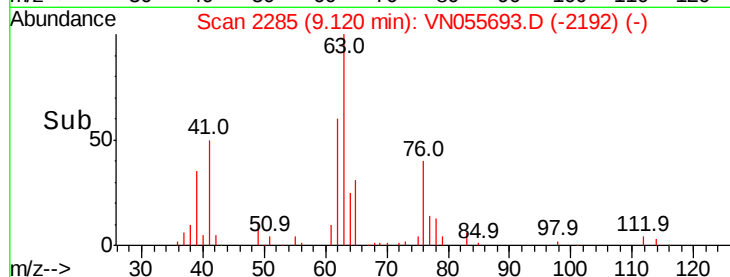
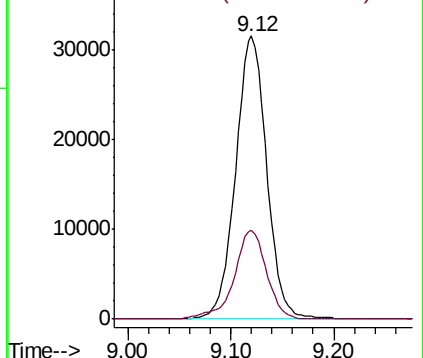
63 100

65 31.3 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.909 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

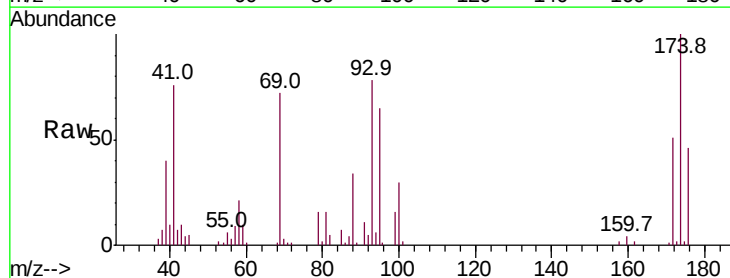
Tgt Ion: 93 Resp: 45532

Ion Ratio Lower Upper

93 100

95 85.6 67.9 101.9

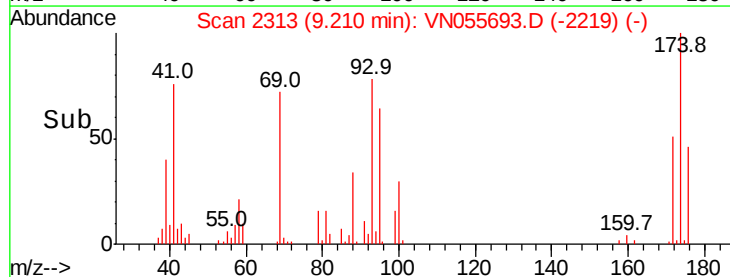
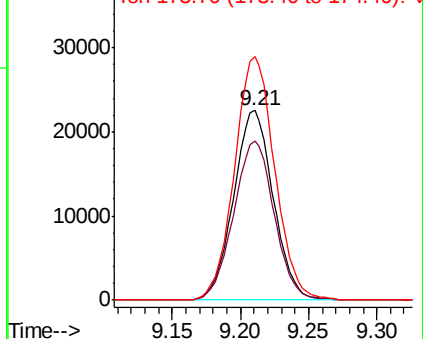
174 130.1 93.8 140.6

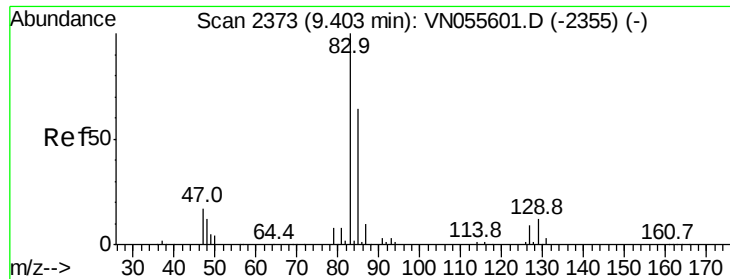


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.729 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

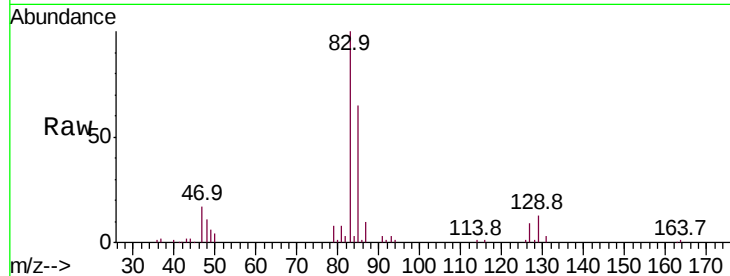
Tot Ion: 83 Resp: 89773

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

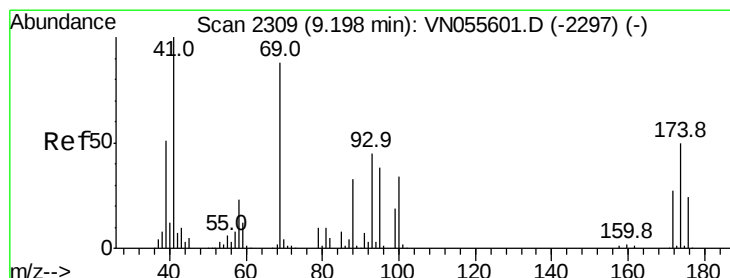
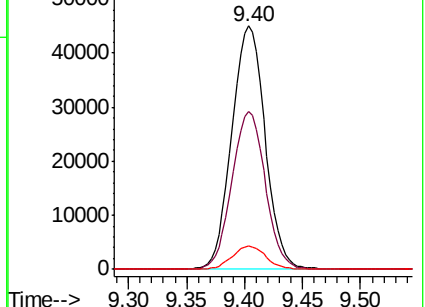
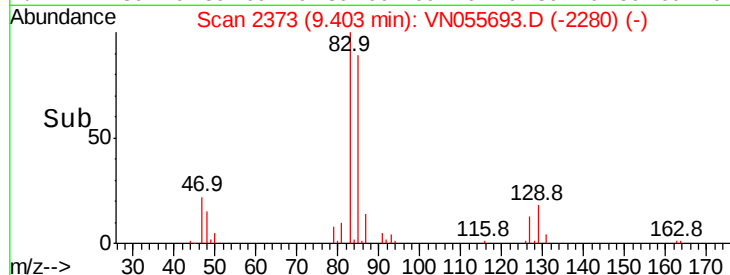
127 9.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN055693.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055693.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055693.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.834 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

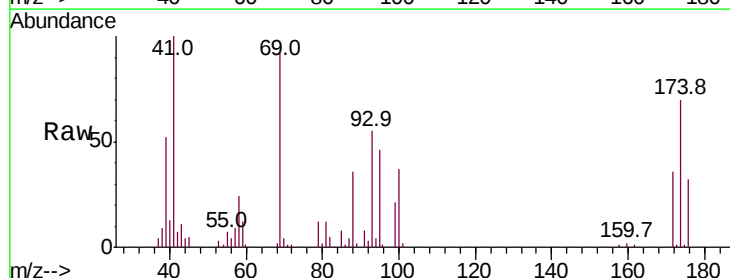
Tgt Ion: 41 Resp: 59589

Ion Ratio Lower Upper

41 100

69 98.8 74.2 111.2

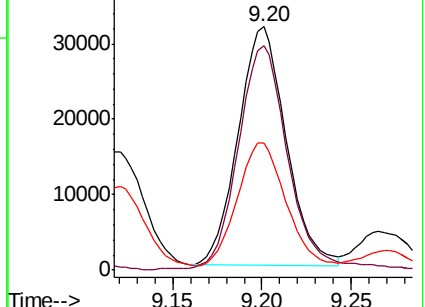
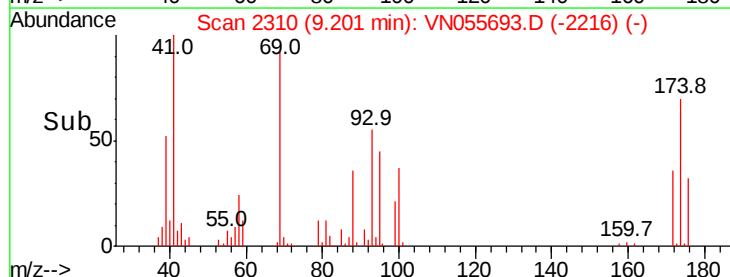
39 56.1 43.8 65.8

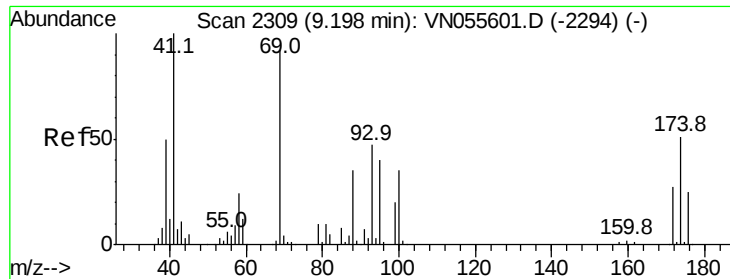


Abundance Ion 41.00 (40.70 to 41.70): VN055693.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN055693.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN055693.D (-2216) (-)





#49

1,4-Dioxane

Concen: 457.263 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

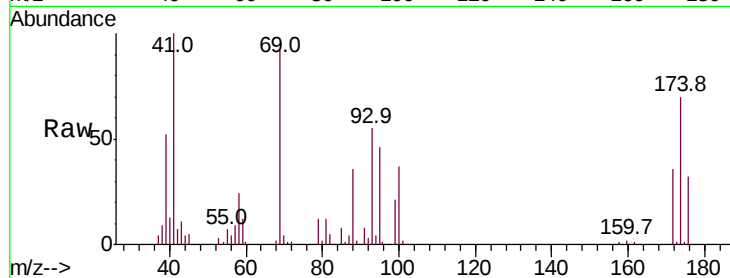
Tot Ion: 88 Resp: 28748

Ion Ratio Lower Upper

88 100

43 25.8 22.4 33.6

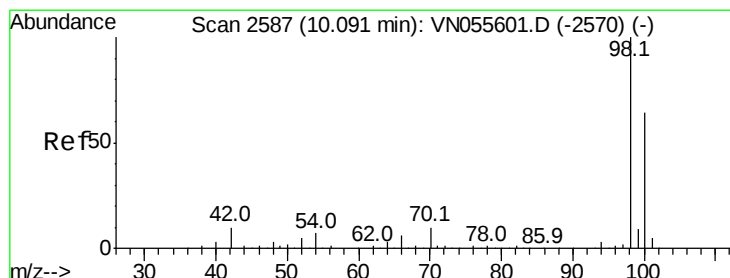
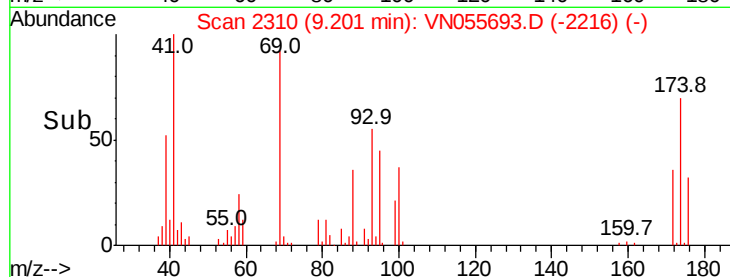
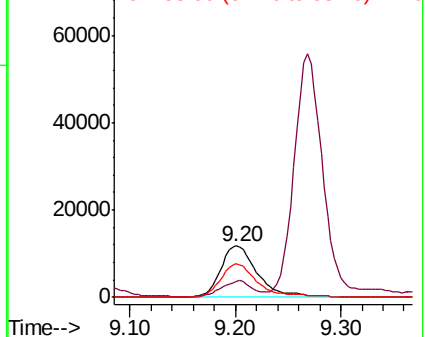
58 65.7 53.4 80.2



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: 47.948 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055693.D

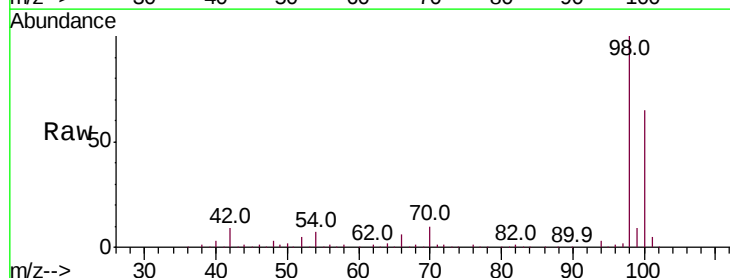
Acq: 21 May 2019 1:08

Tgt Ion: 98 Resp: 582539

Ion Ratio Lower Upper

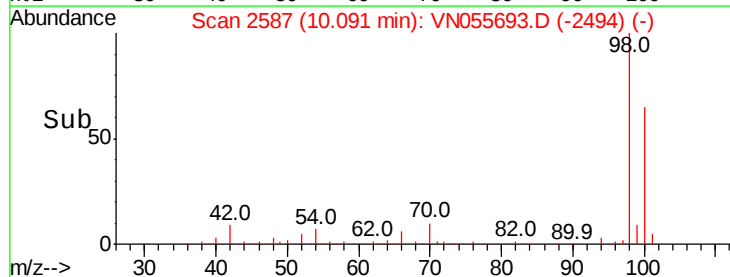
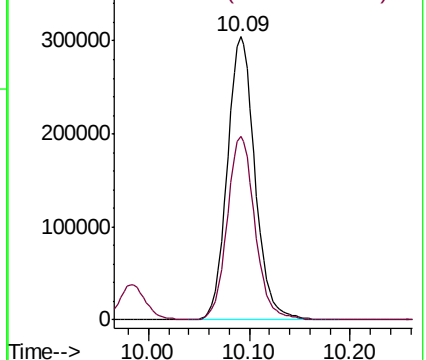
98 100

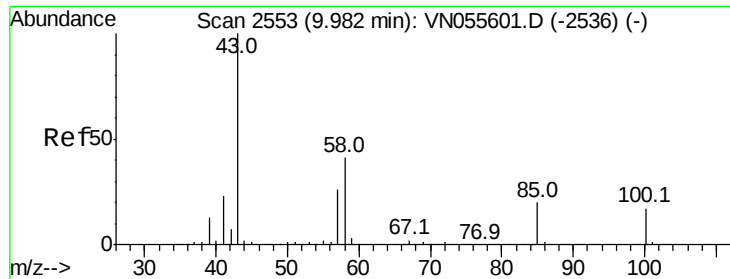
100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 95.206 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055693.D

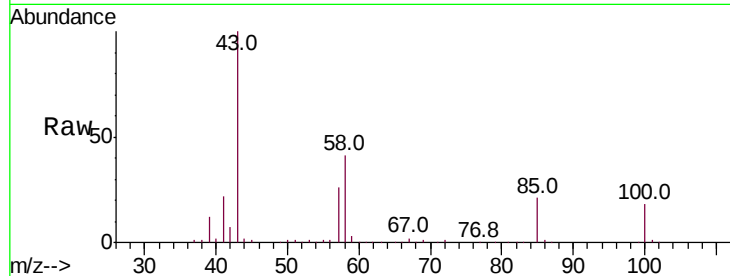
Acq: 21 May 2019 1:08

Tot Ion: 43 Resp: 395315

Ion Ratio Lower Upper

43 100

58 42.0 32.7 49.1



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

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

9.98

200000

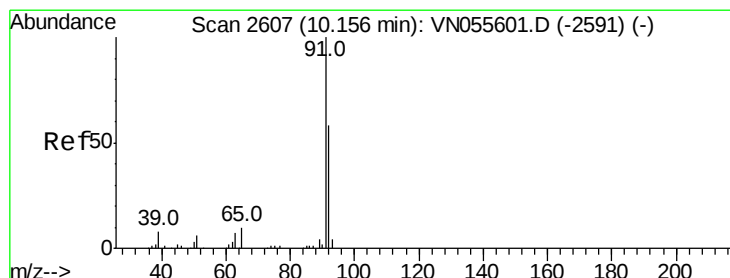
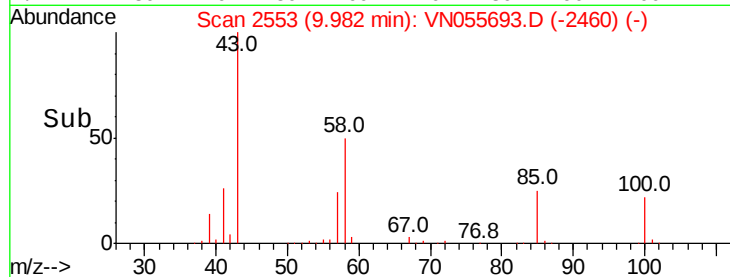
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.829 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055693.D

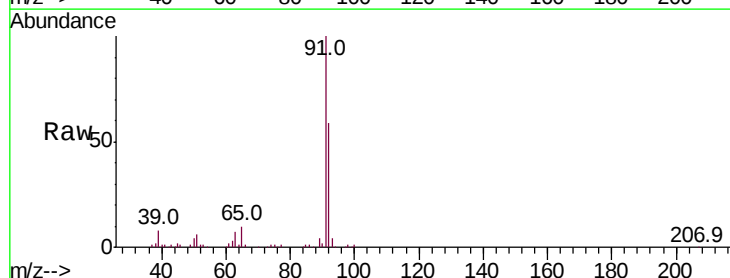
Acq: 21 May 2019 1:08

Tgt Ion: 92 Resp: 164965

Ion Ratio Lower Upper

92 100

91 172.0 138.9 208.3



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

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

10.16

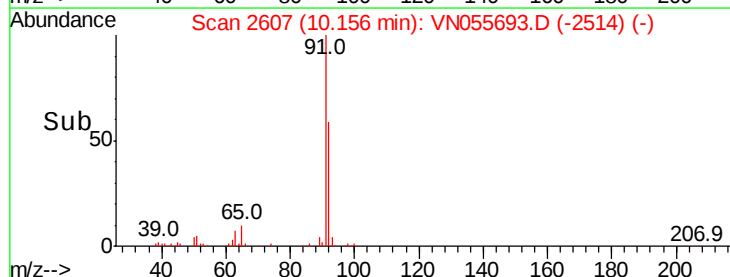
150000

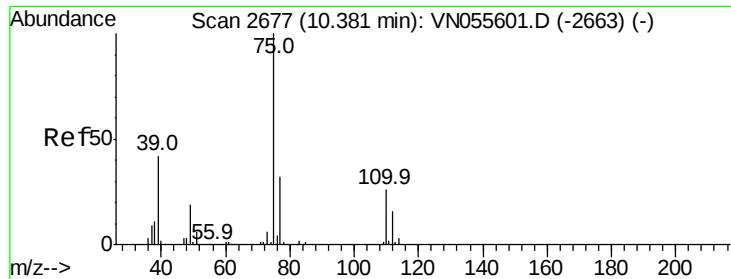
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.759 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055693.D

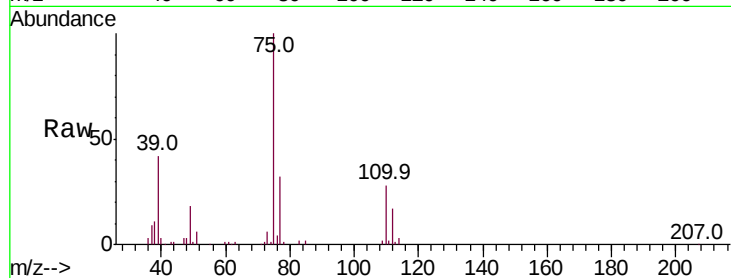
Acq: 21 May 2019 1:08

Tot Ion: 75 Resp: 91620

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

60000

50000

40000

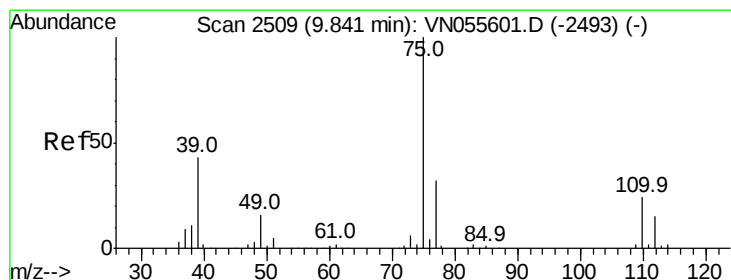
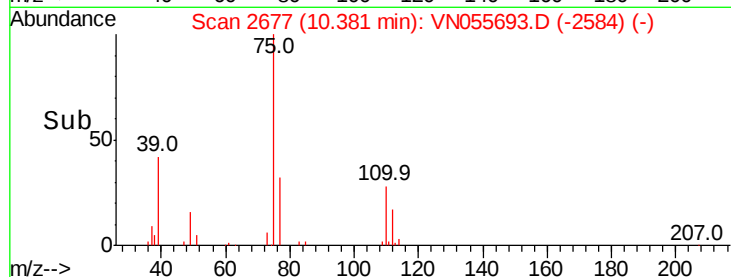
30000

20000

10000

0

Time--> 10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 18.348 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

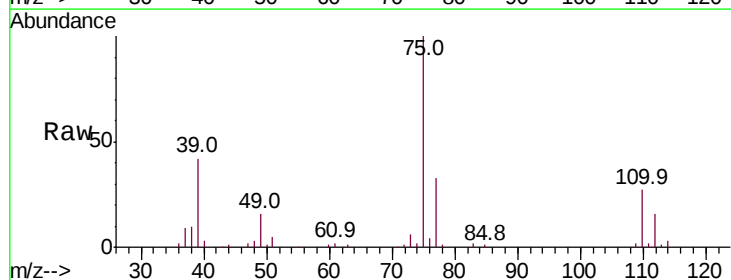
Tgt Ion: 75 Resp: 103700

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

39 41.7 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

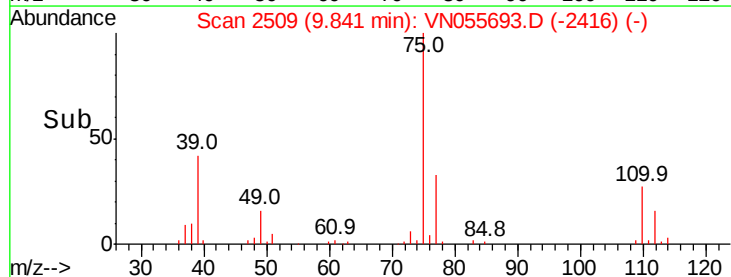
60000

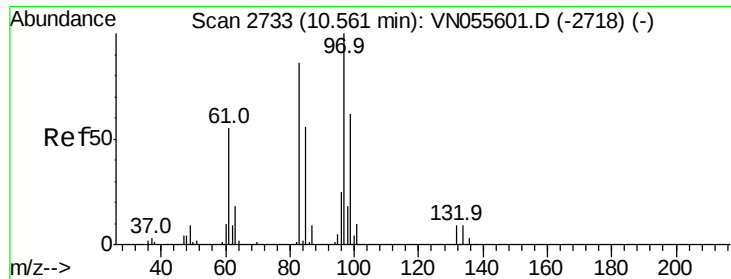
40000

20000

0

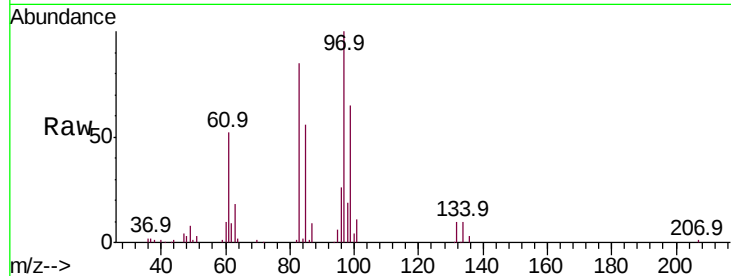
Time--> 9.75 9.80 9.85 9.90 9.95



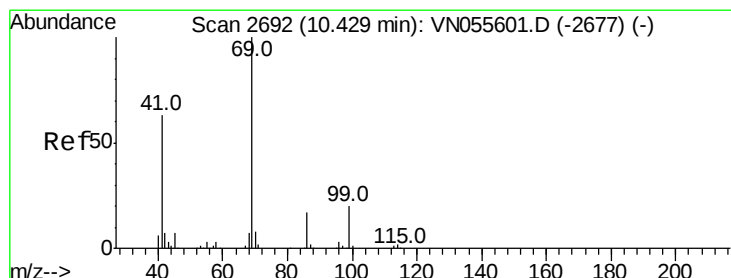
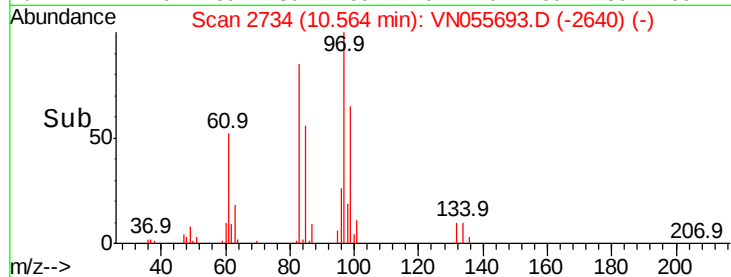
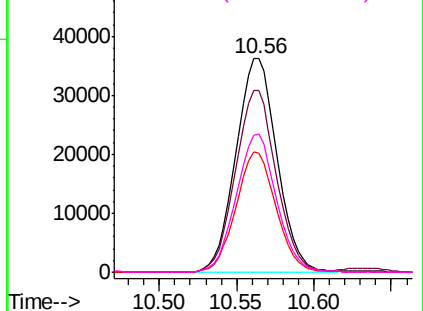


#55
 1,1,2-Trichloroethane
 Concen: 19.564 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tot Ion:	97	Resp:	67005
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.4	102.6
85	55.5	44.8	67.2
99	64.6	49.9	74.9

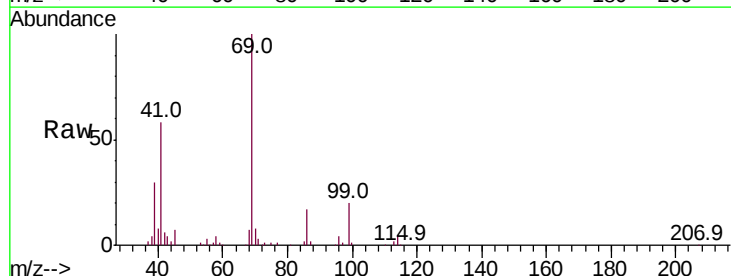


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

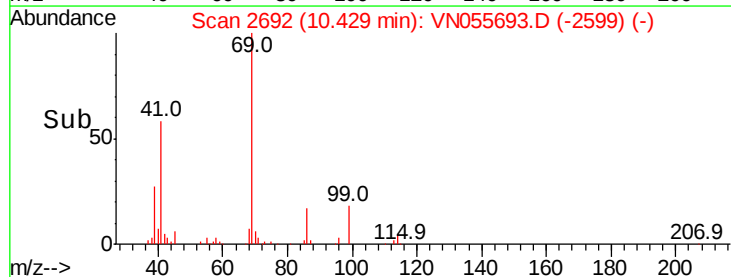
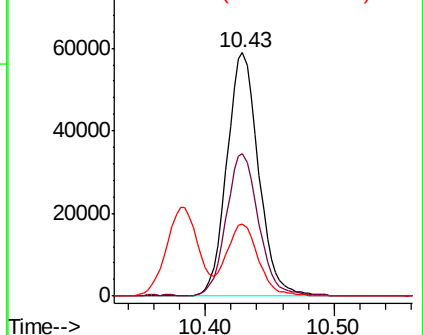


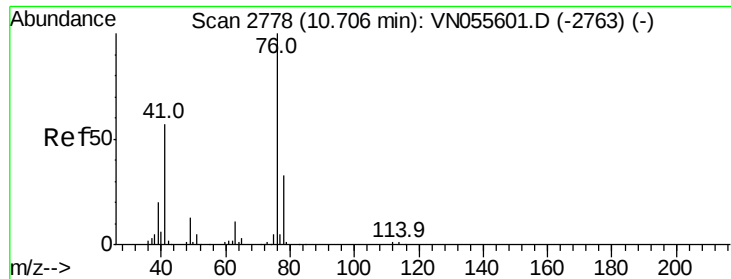
#56
 Ethyl methacrylate
 Concen: 18.804 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tgt Ion:	69	Resp:	100536
Ion	Ratio	Lower	Upper
69	100		
41	60.2	50.3	75.5
39	30.0	25.4	38.2



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





#57

1,3-Dichloropropane

Concen: 19.259 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055693.D

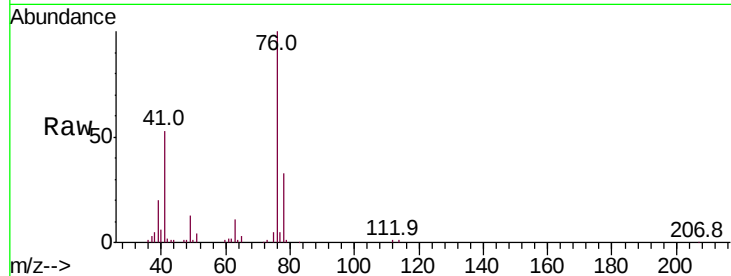
Acq: 21 May 2019 1:08

Tot Ion: 76 Resp: 104469

Ion Ratio Lower Upper

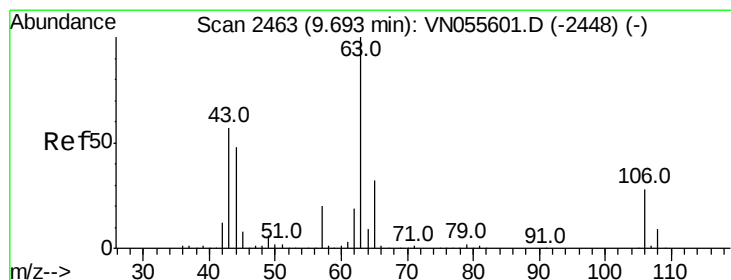
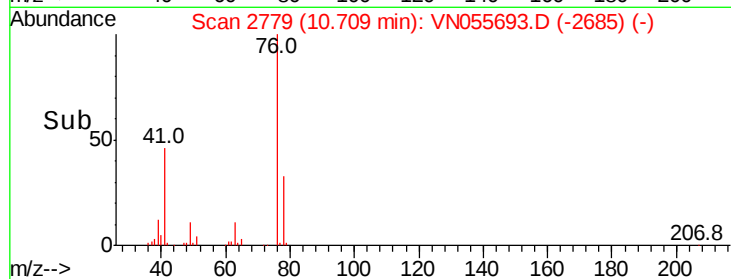
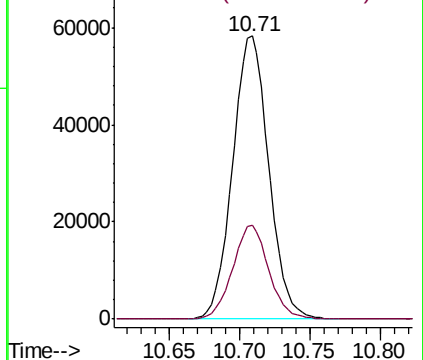
76 100

78 33.0 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: 82.375 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055693.D

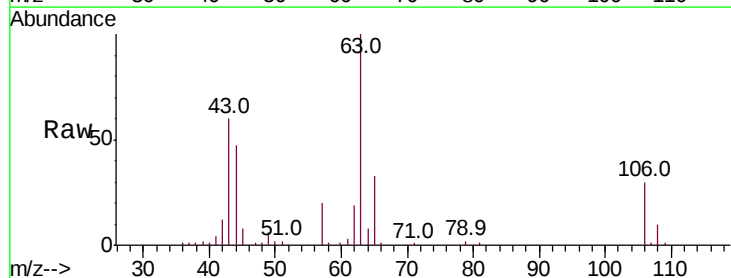
Acq: 21 May 2019 1:08

Tgt Ion: 63 Resp: 187135

Ion Ratio Lower Upper

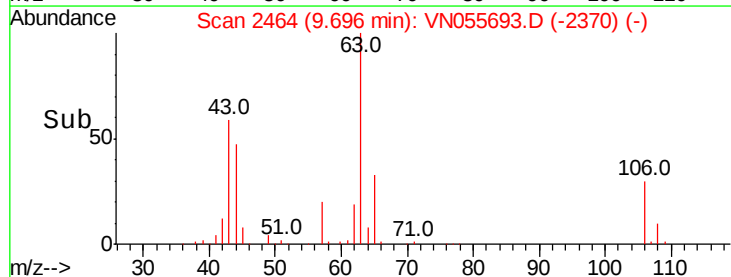
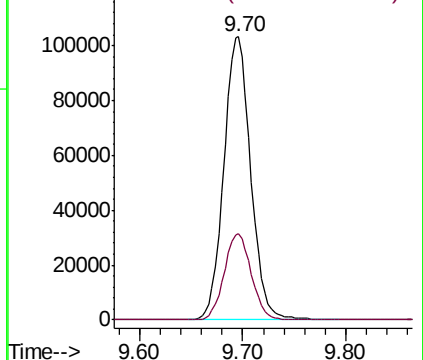
63 100

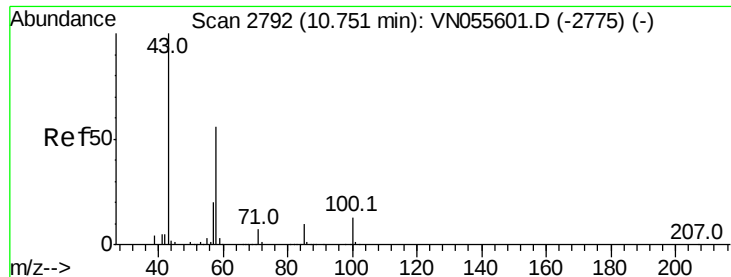
106 30.5 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

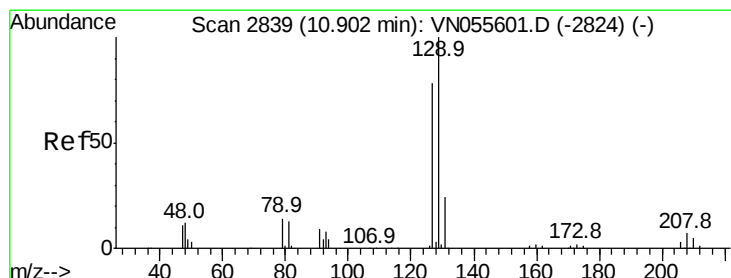
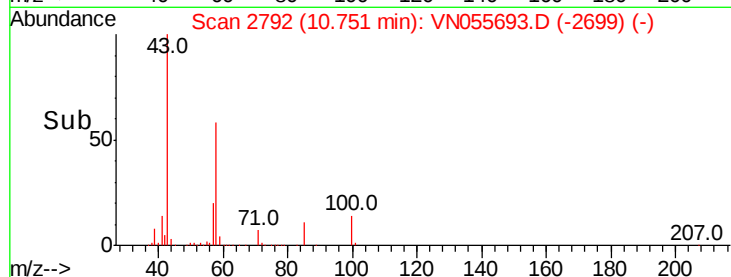
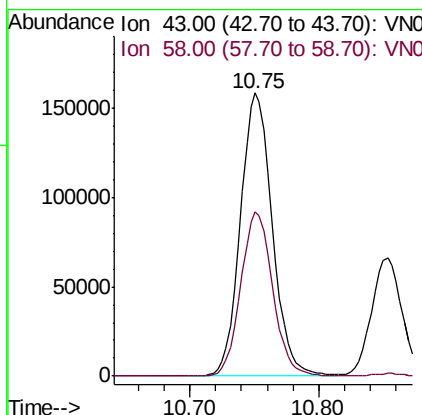
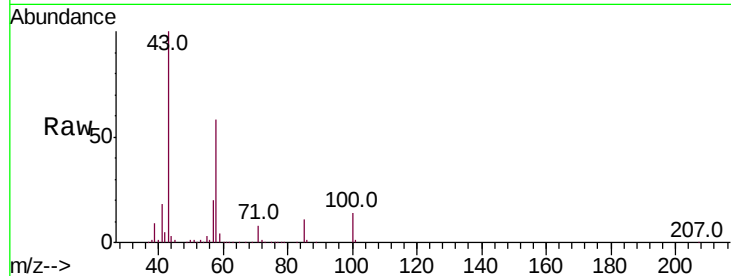
Ion 105.90 (105.60 to 106.60): V





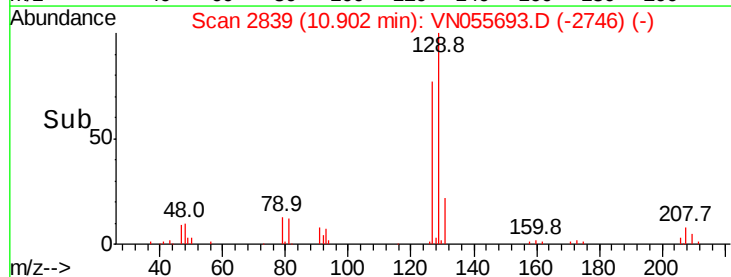
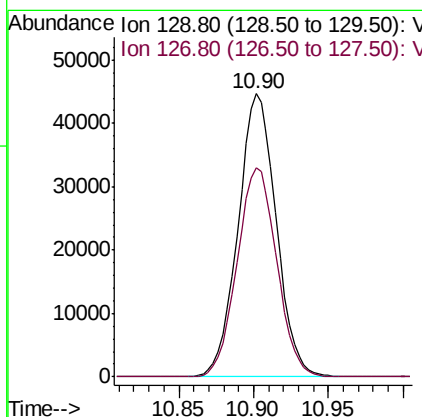
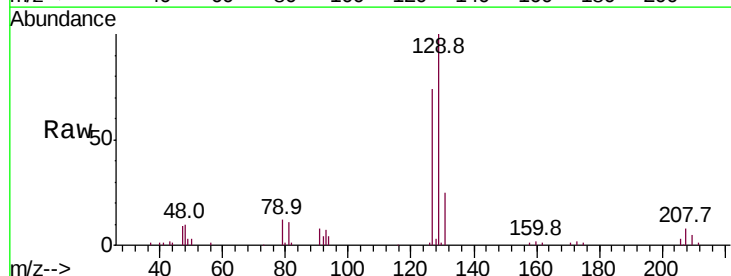
#59
2-Hexanone
Concen: 93.437 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

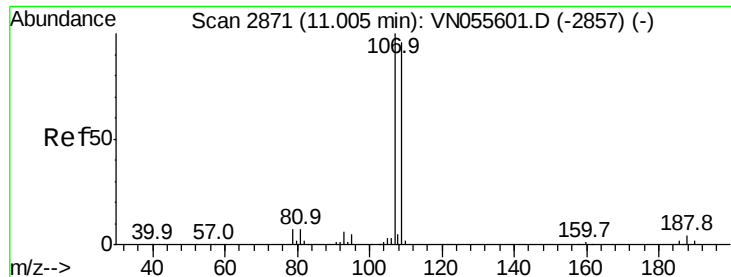
Tot Ion: 43 Resp: 273151
Ion Ratio Lower Upper
43 100
58 58.1 28.1 84.4



#60
Dibromochloromethane
Concen: 20.418 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion: 129 Resp: 79258
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.204 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055693.D

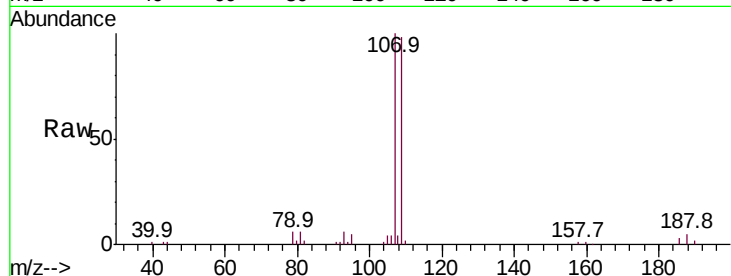
Acq: 21 May 2019 1:08

Tot Ion:107 Resp: 69237

Ion Ratio Lower Upper

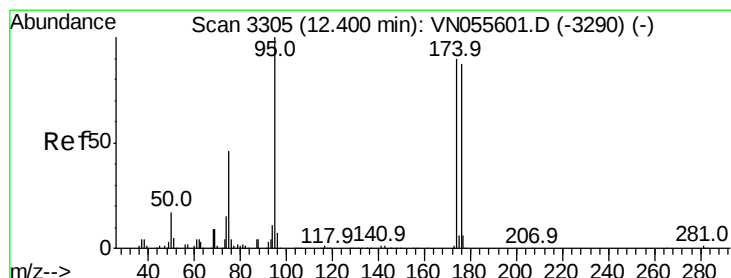
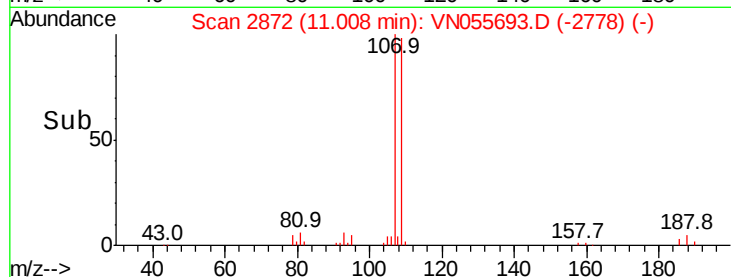
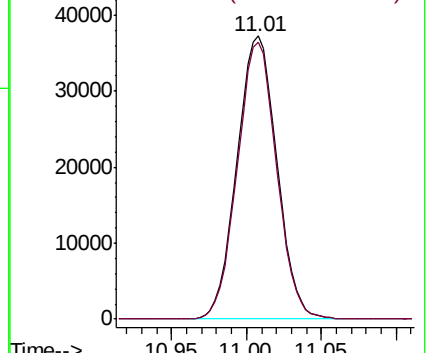
107 100

109 96.3 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.435 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

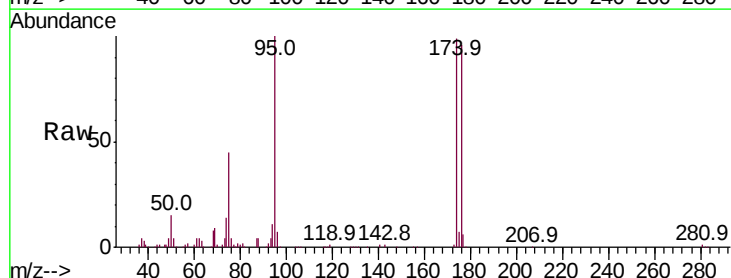
Tgt Ion: 95 Resp: 194812

Ion Ratio Lower Upper

95 100

174 98.6 0.0 180.6

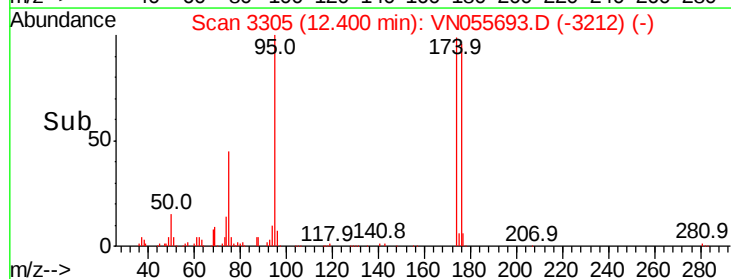
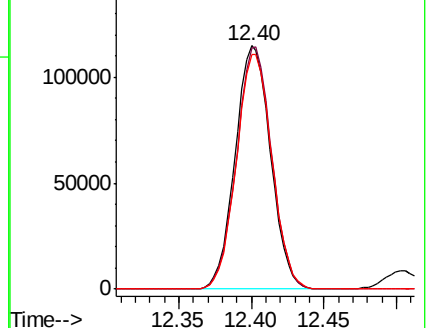
176 96.6 0.0 177.4

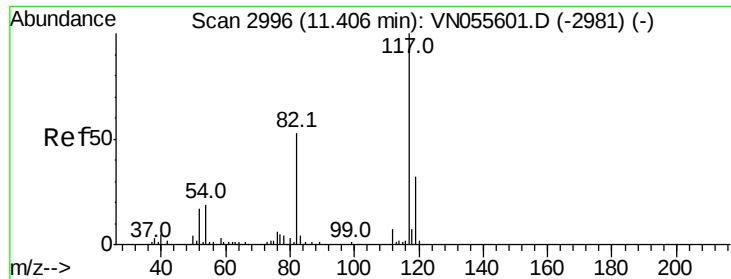


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

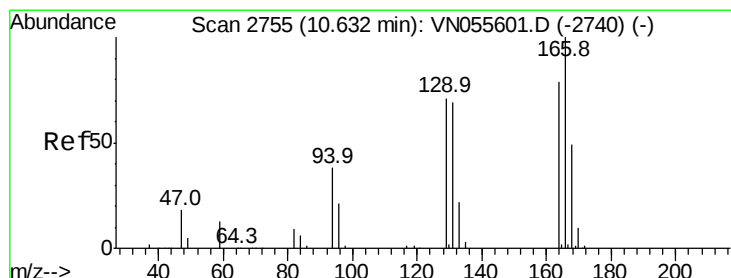
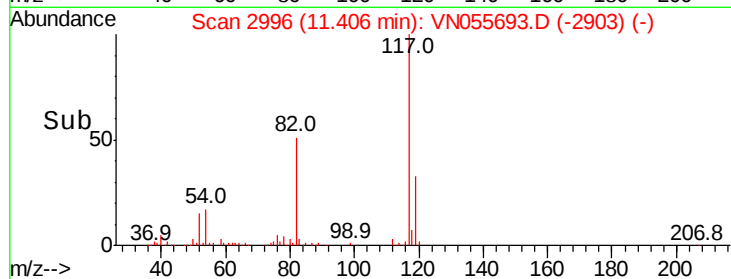
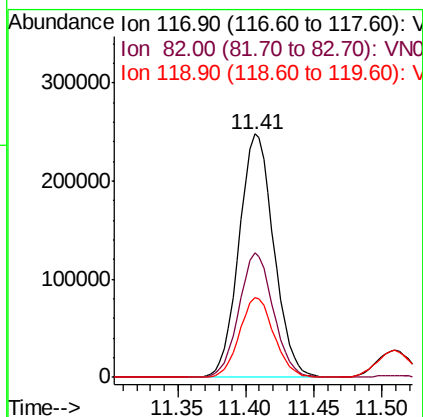
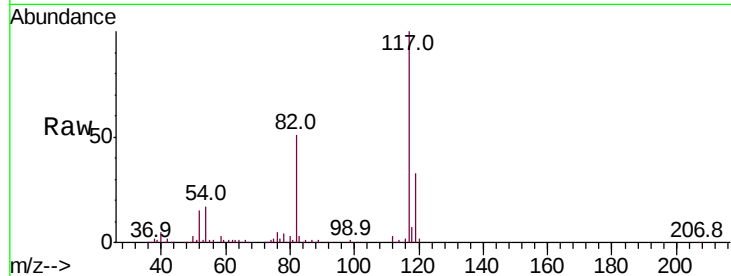
Ion 175.80 (175.50 to 176.50): V





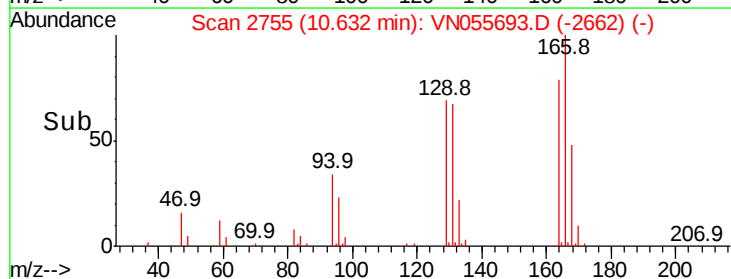
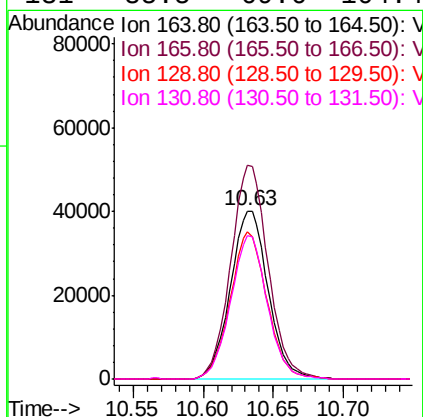
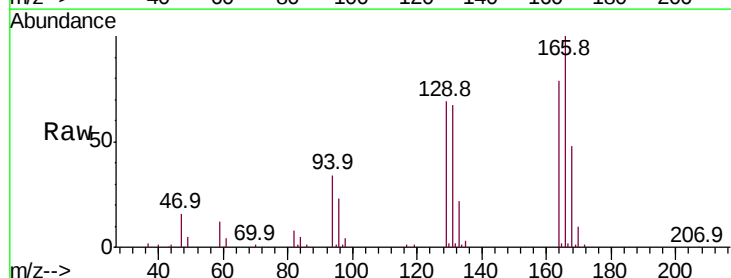
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

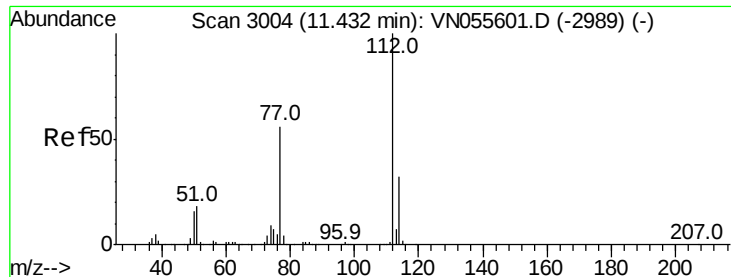
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.3	63.5
119	32.7	25.4	38.2



#64
Tetrachloroethene
Concen: 21.685 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.0	151.6
129	87.9	71.7	107.5
131	85.5	69.6	104.4





#65

Chlorobenzene

Concen: 19.700 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN055693.D

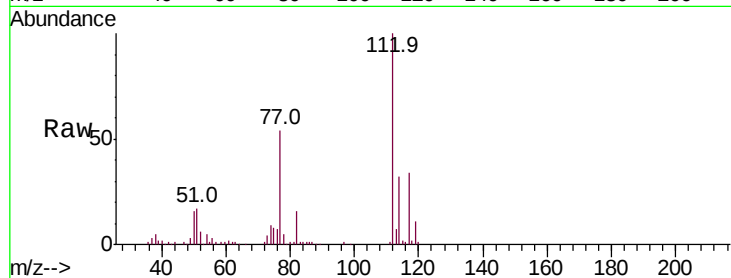
Acq: 21 May 2019 1:08

Tot Ion:112 Resp: 175041

Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

100000

80000

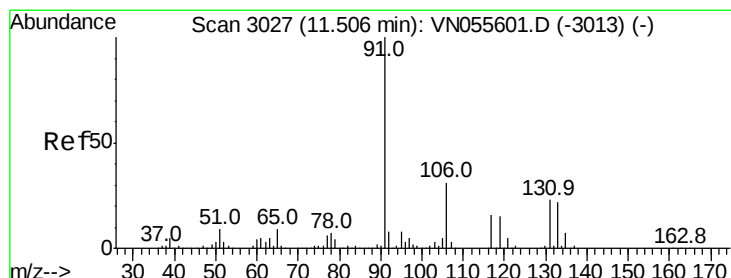
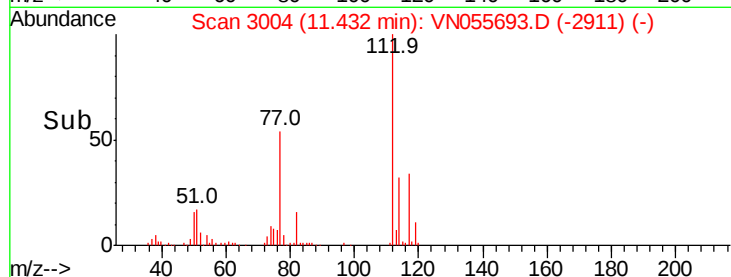
60000

40000

20000

0

Time--> 11.35 11.40 11.45 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 20.417 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

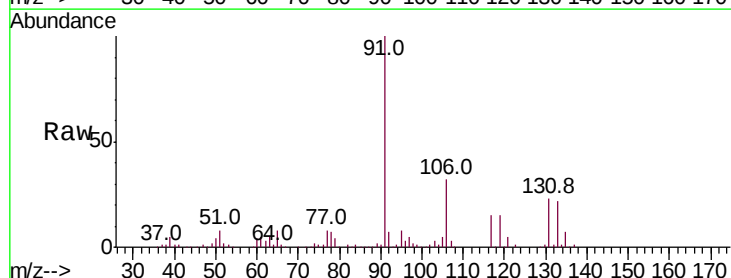
Tgt Ion:131 Resp: 72979

Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.4

119 65.4 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

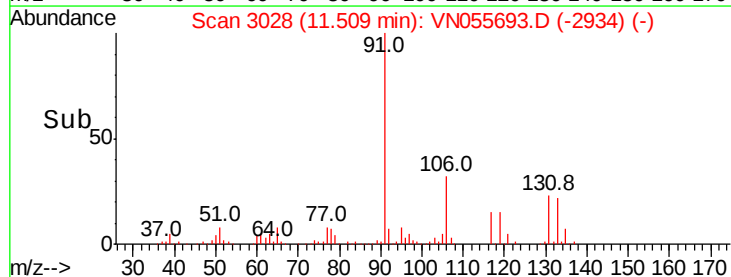
60000

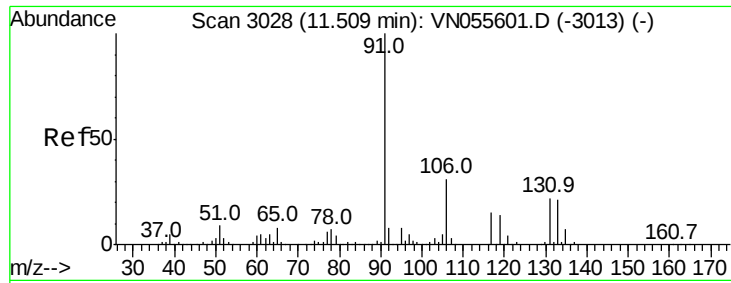
40000

20000

0

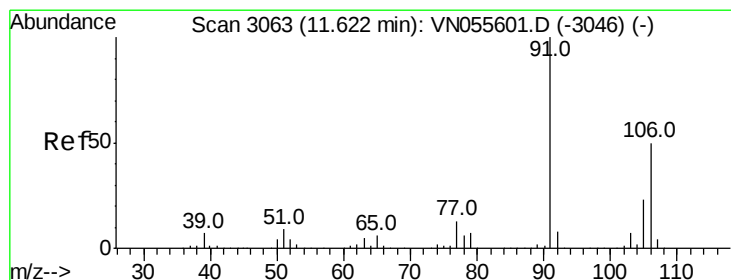
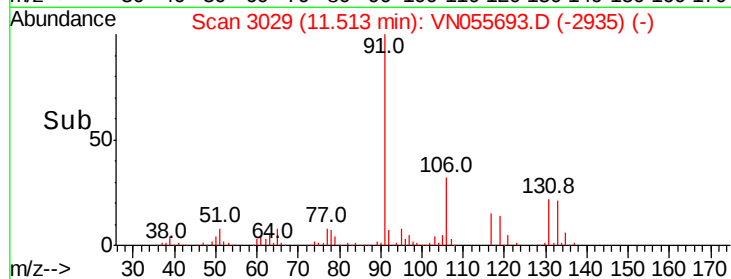
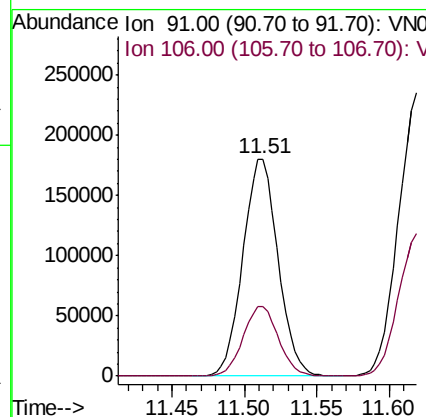
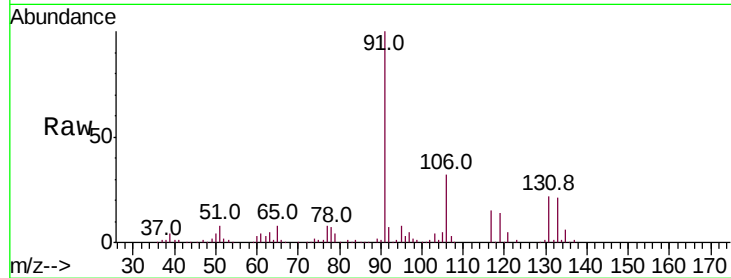
Time--> 11.45 11.50 11.55





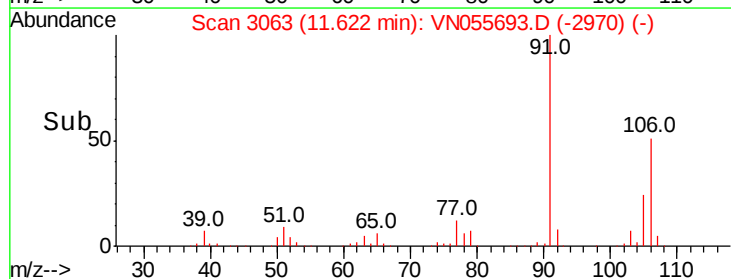
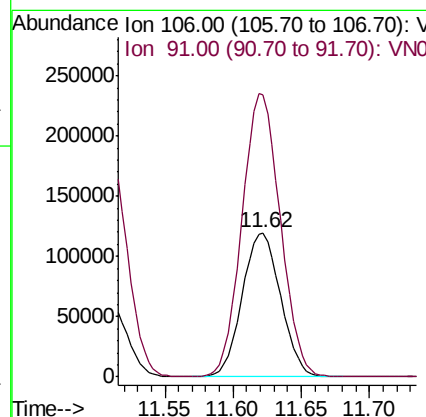
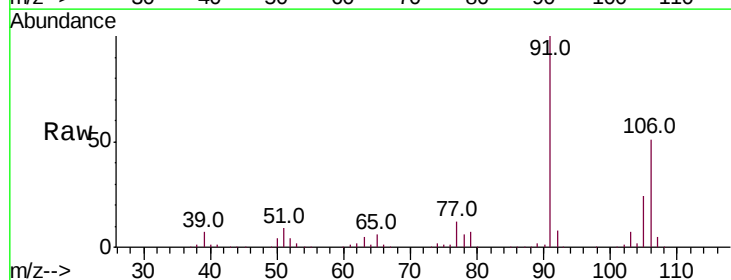
#67
Ethyl Benzene
Concen: 19.213 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

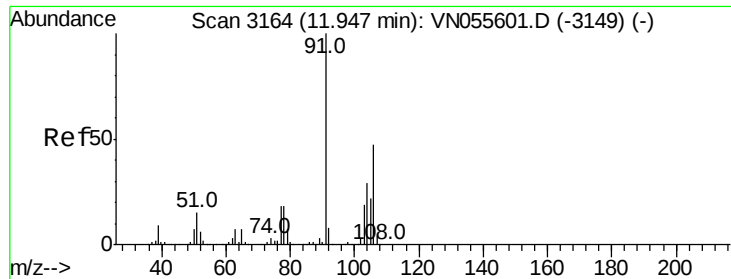
Tot Ion: 91 Resp: 304114
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8



#68
m/p-Xylenes
Concen: 39.104 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

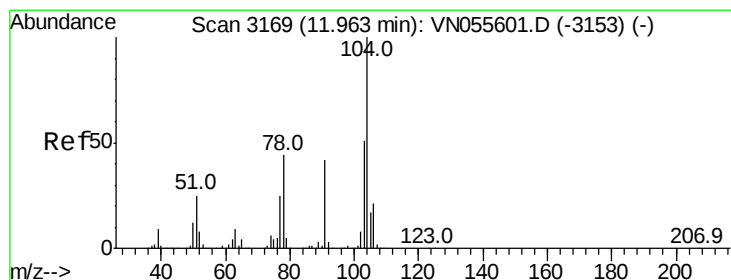
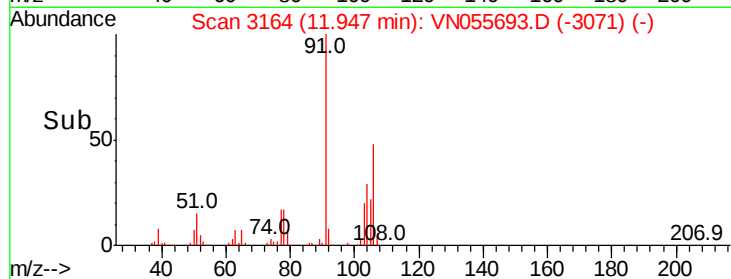
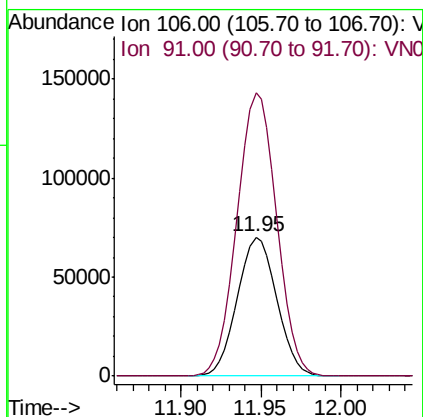
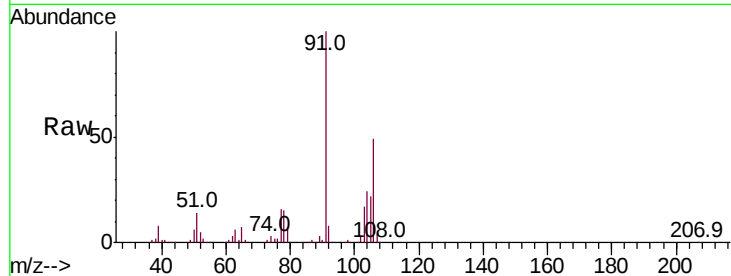
Tgt Ion: 106 Resp: 233738
Ion Ratio Lower Upper
106 100
91 196.3 160.5 240.7





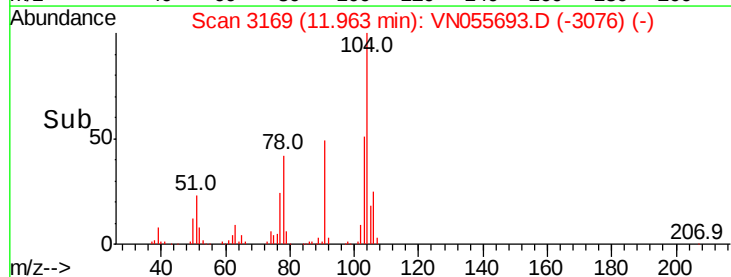
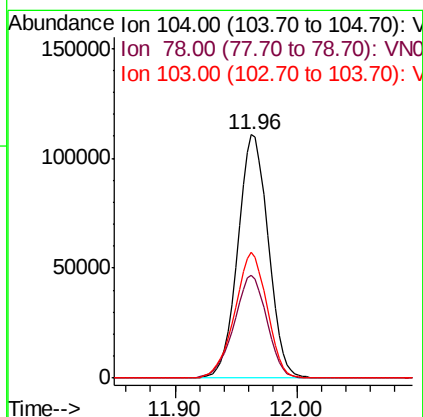
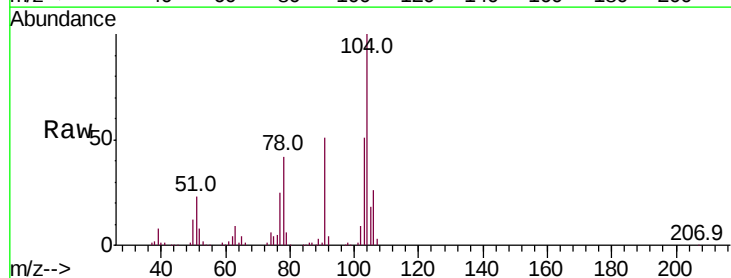
#69
o-Xylene
Concen: 20.213 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

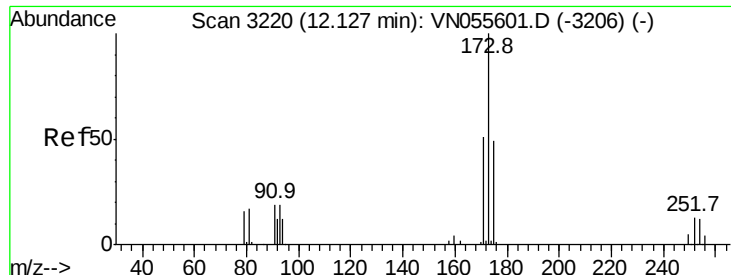
Tot Ion:106 Resp: 118171
Ion Ratio Lower Upper
106 100
91 204.6 106.7 320.2



#70
Styrene
Concen: 19.593 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion:104 Resp: 190455
Ion Ratio Lower Upper
104 100
78 45.8 38.6 58.0
103 54.8 44.4 66.6





#71

Bromoform

Concen: 20.861 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

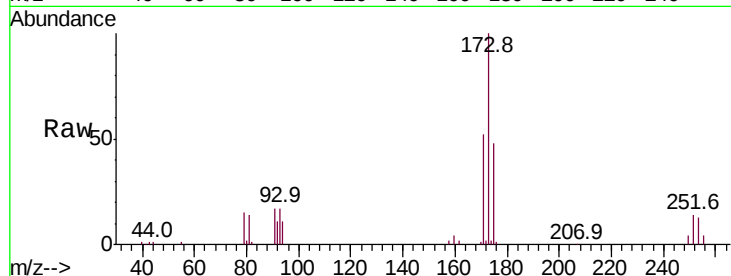
Tot Ion:173 Resp: 63191

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.9
254	0.0	0.1	0.1

173 100

175 48.6 24.3 72.9

254 0.0 0.1 0.1#

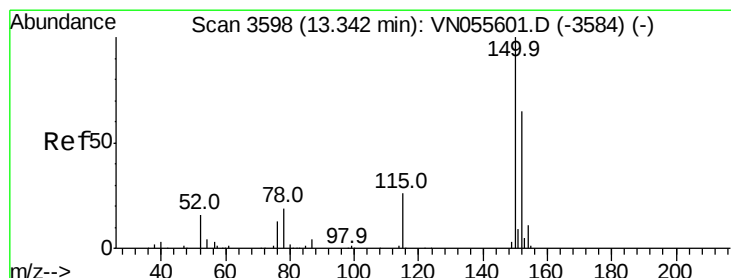
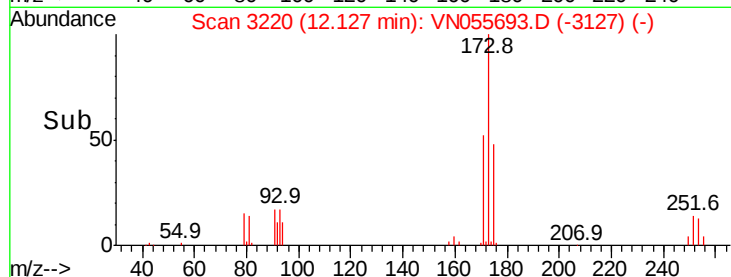
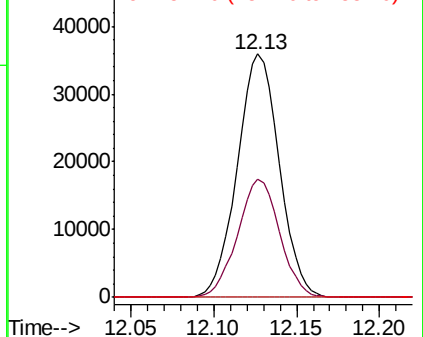


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

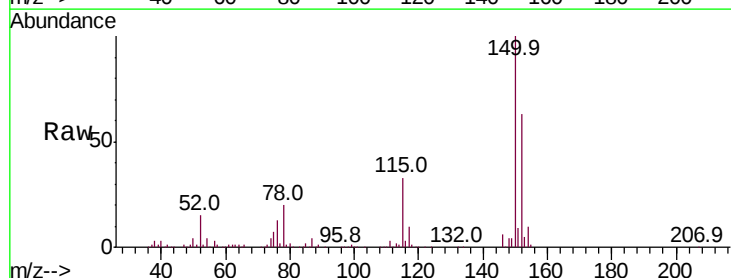
Tgt Ion:152 Resp: 183926

Ion	Ratio	Lower	Upper
152	100		
115	51.7	28.1	84.2
150	163.2	0.0	348.0

152 100

115 51.7 28.1 84.2

150 163.2 0.0 348.0

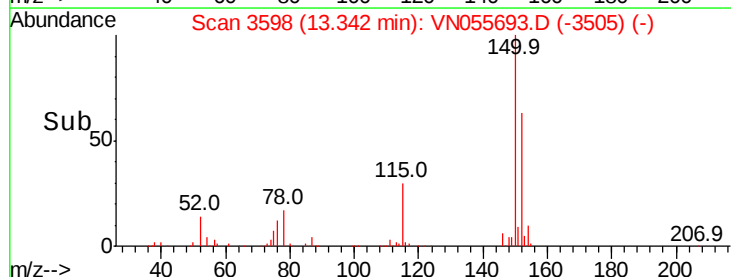
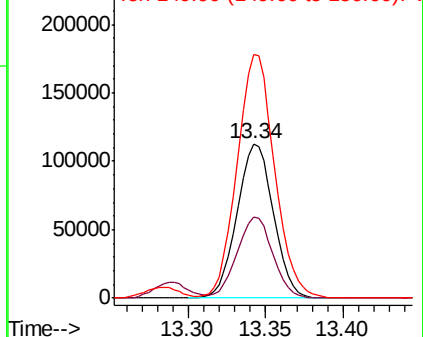


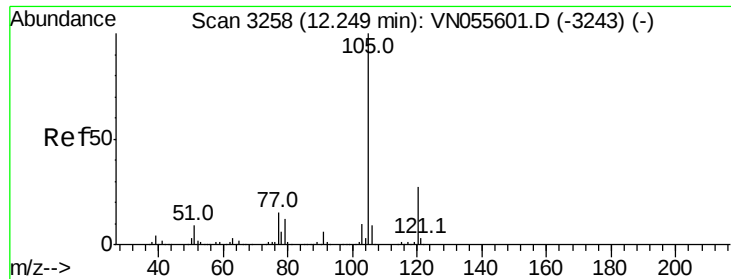
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

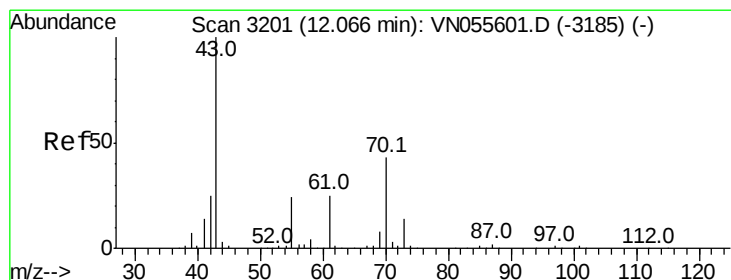
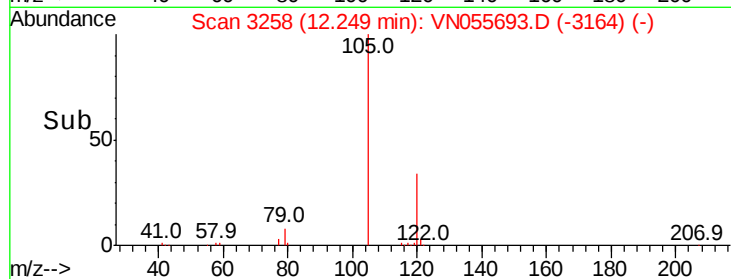
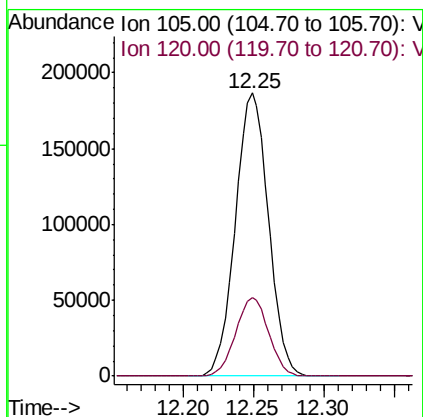
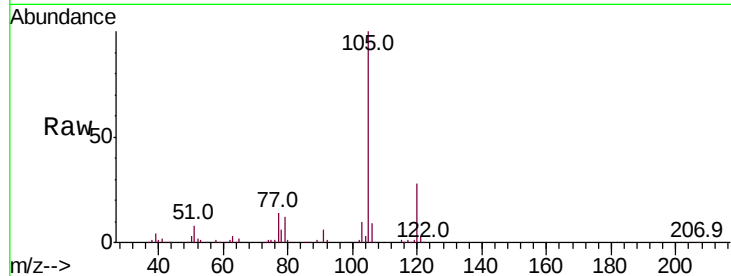
Ion 149.90 (149.60 to 150.60): V





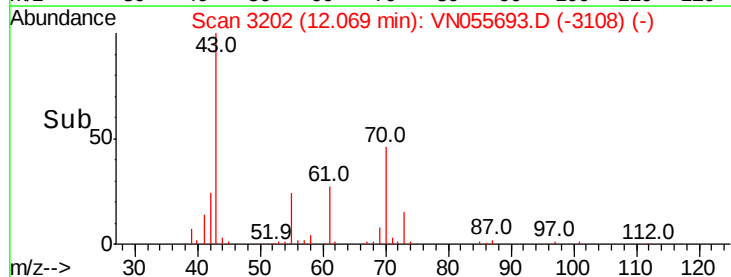
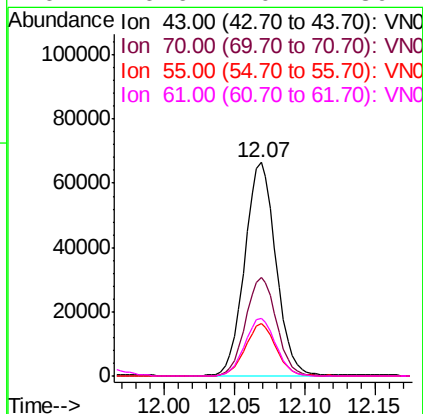
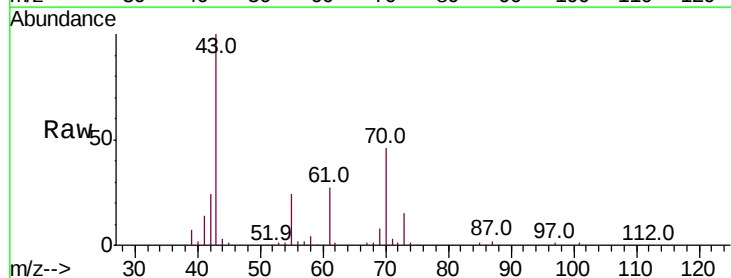
#73
Isopropylbenzene
Concen: 22.442 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

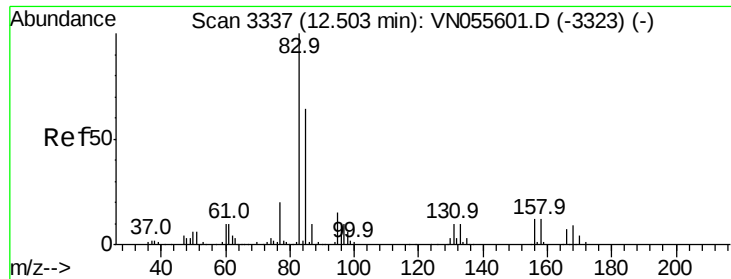
Tot Ion:105 Resp: 306796
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 20.058 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion: 43 Resp: 103590
Ion Ratio Lower Upper
43 100
70 45.4 35.0 52.6
55 24.2 18.9 28.3
61 26.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.060 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

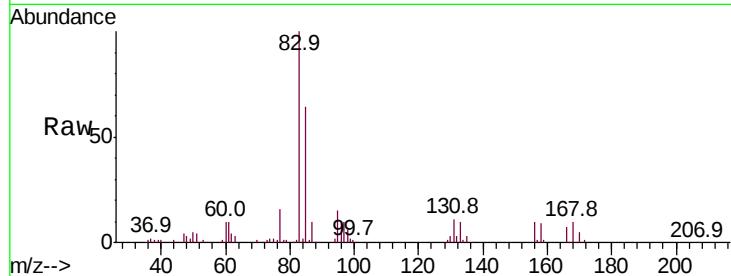
Tot Ion: 83 Resp: 93484

Ion Ratio Lower Upper

83 100

131 11.4 5.3 16.1

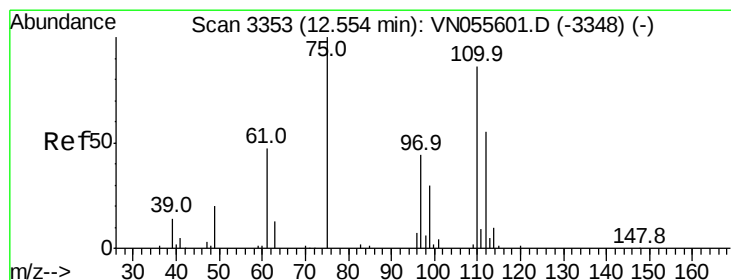
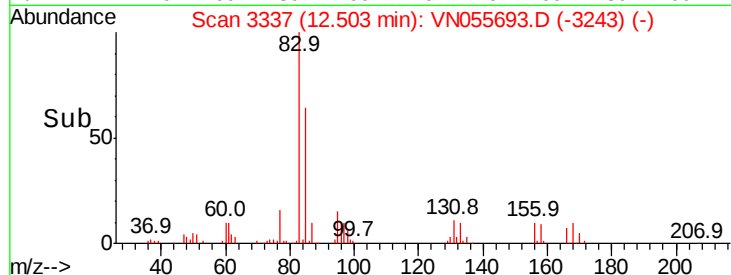
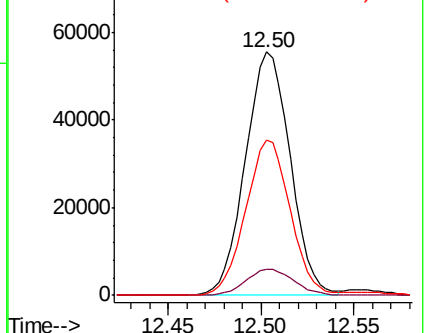
85 63.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN055601.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055601.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055601.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 21.359 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055693.D

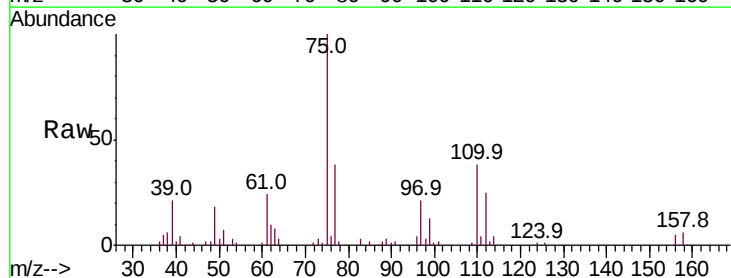
Acq: 21 May 2019 1:08

Tgt Ion: 75 Resp: 80160

Ion Ratio Lower Upper

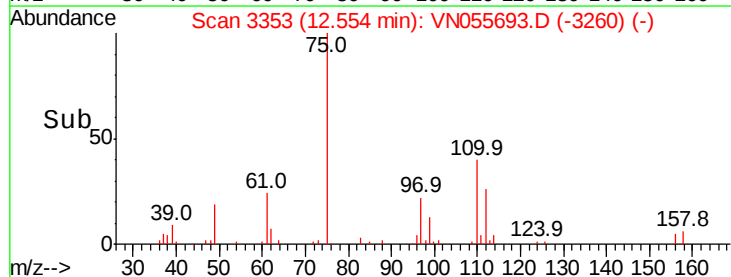
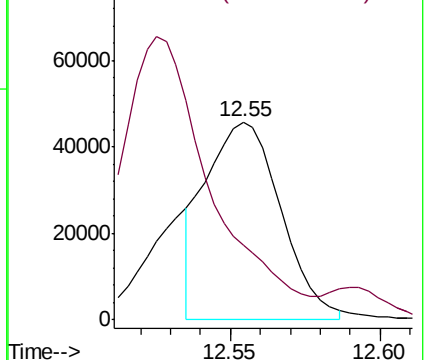
75 100

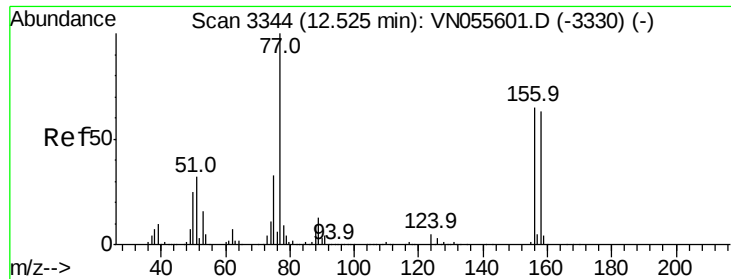
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055601.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055601.D (-3348) (-)





#77

Bromobenzene

Concen: 21.720 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

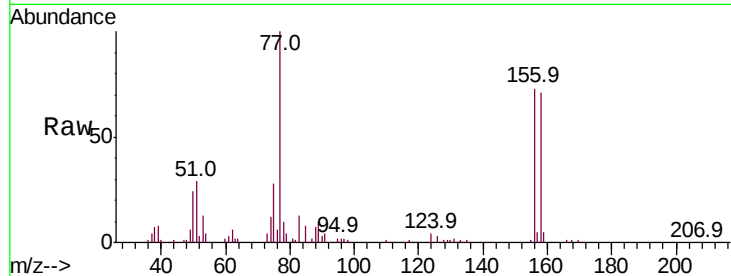
Tot Ion:156 Resp: 82043

Ion Ratio Lower Upper

156 100

77 169.5 94.5 283.5

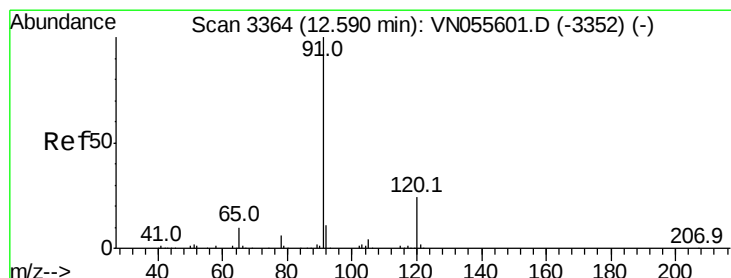
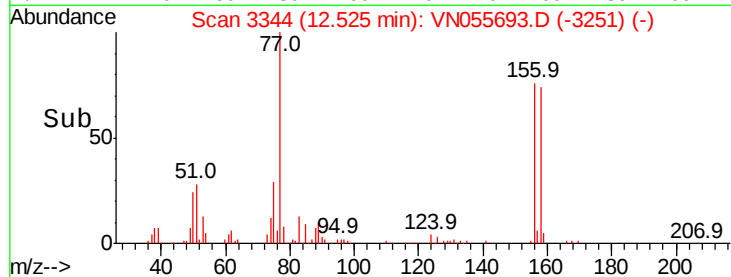
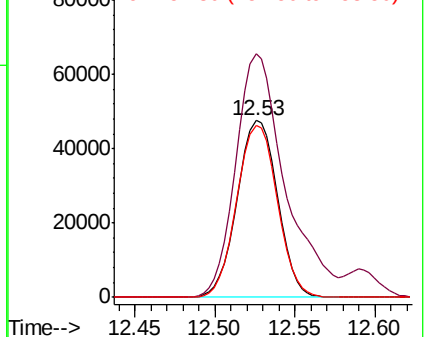
158 97.9 49.0 147.2



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: 19.059 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055693.D

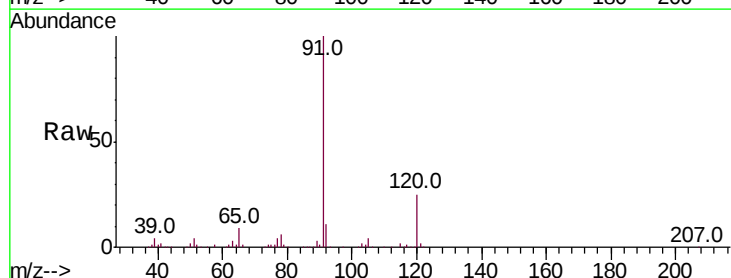
Acq: 21 May 2019 1:08

Tgt Ion: 91 Resp: 311293

Ion Ratio Lower Upper

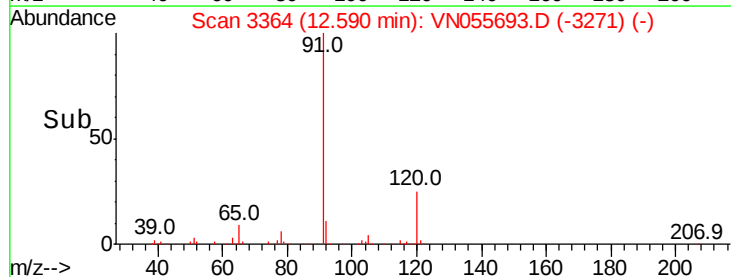
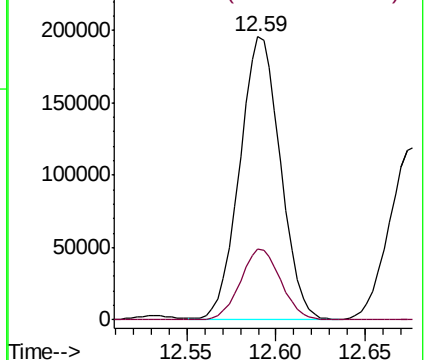
91 100

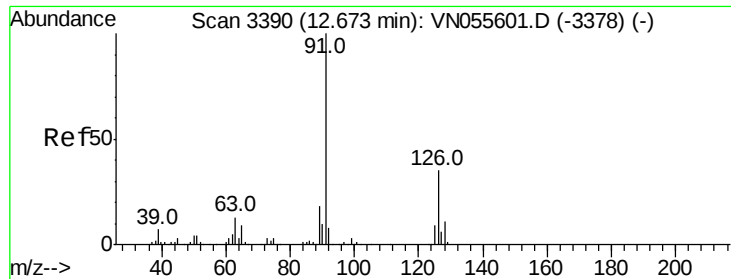
120 24.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.489 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN055693.D

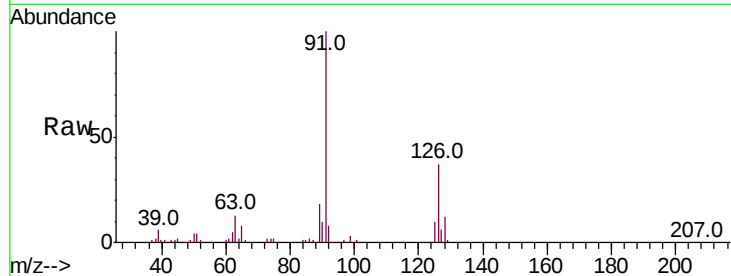
Acq: 21 May 2019 1:08

Tot Ion: 91 Resp: 196222

Ion Ratio Lower Upper

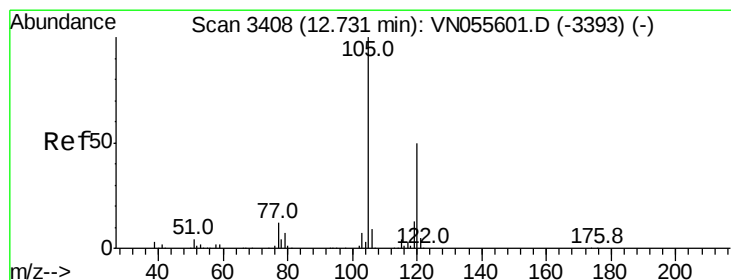
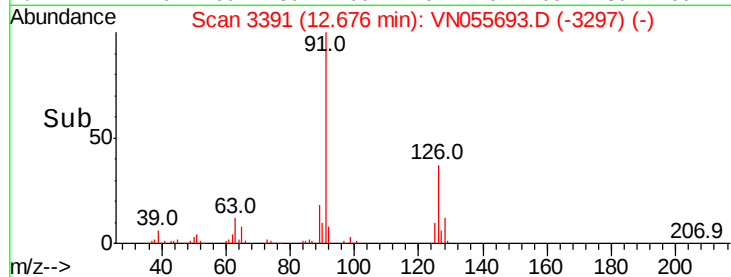
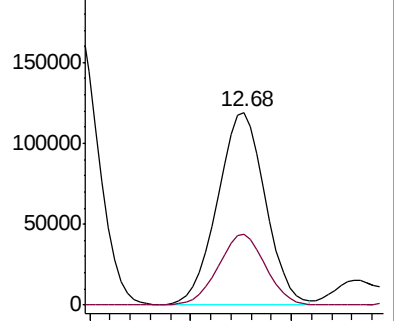
91 100

126 36.7 17.8 53.4



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

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



#80

1,3,5-Trimethylbenzene

Concen: 21.805 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055693.D

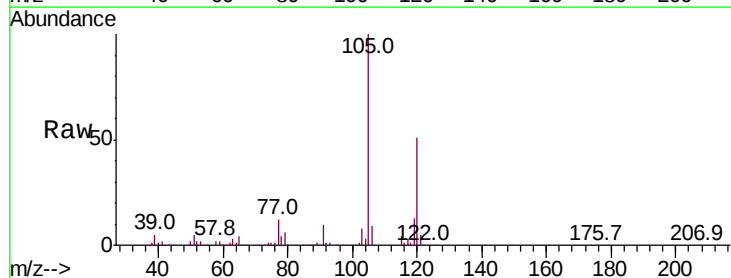
Acq: 21 May 2019 1:08

Tgt Ion: 105 Resp: 253116

Ion Ratio Lower Upper

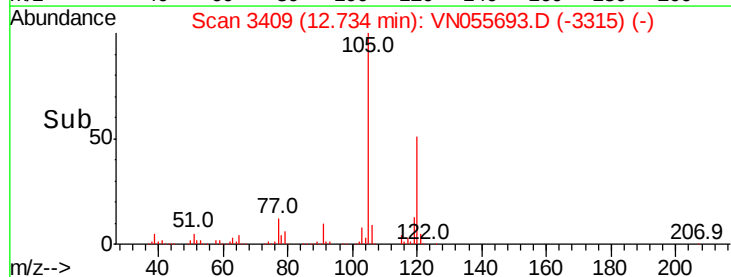
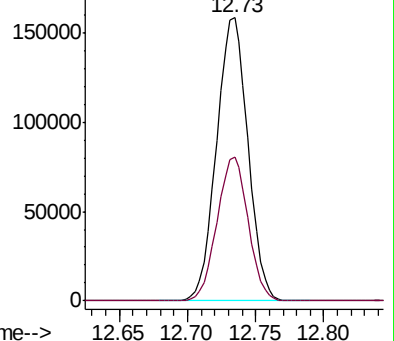
105 100

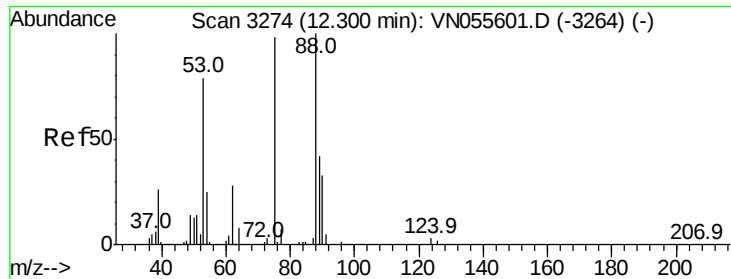
120 50.3 24.6 74.0



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.303 ug/l

RT: 12.30 min Scan# 3274

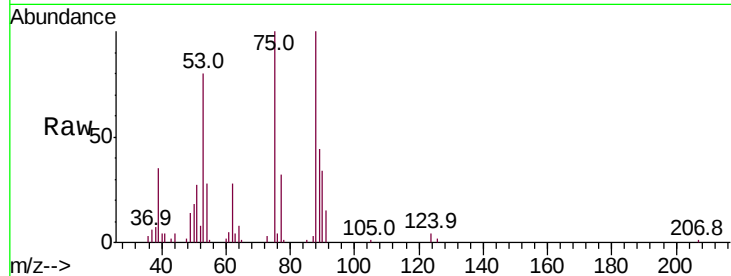
Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

Tot Ion: 75 Resp: 25263

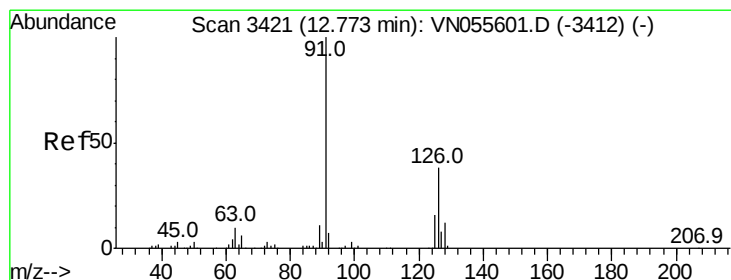
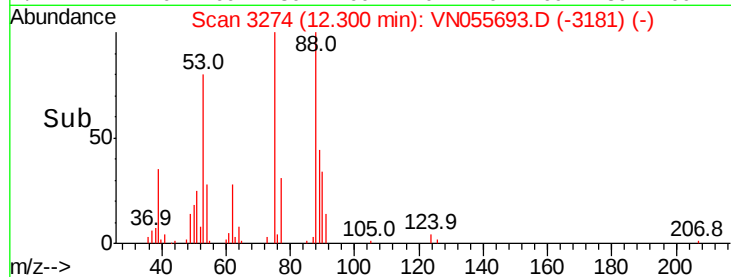
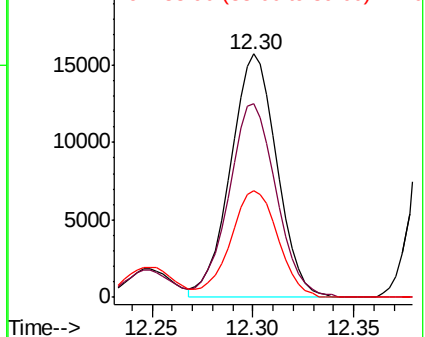
Ion	Ratio	Lower	Upper
75	100		
53	81.8	65.1	97.7
89	45.0	36.4	54.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.040 ug/l

RT: 12.77 min Scan# 3421

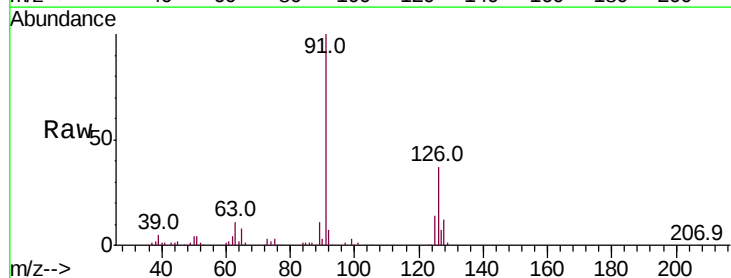
Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

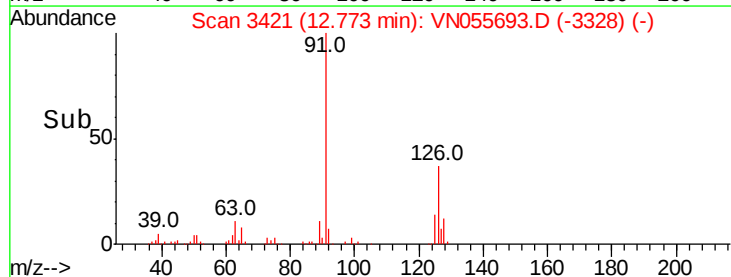
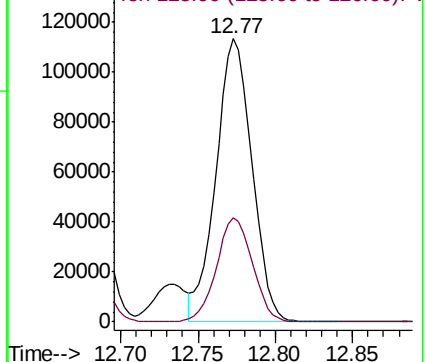
Tgt Ion: 91 Resp: 183227

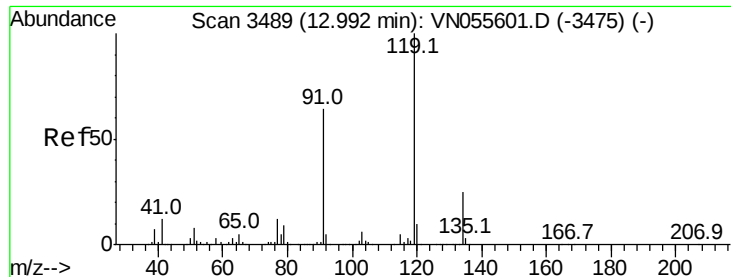
Ion	Ratio	Lower	Upper
91	100		
126	36.6	17.5	52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 22.894 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

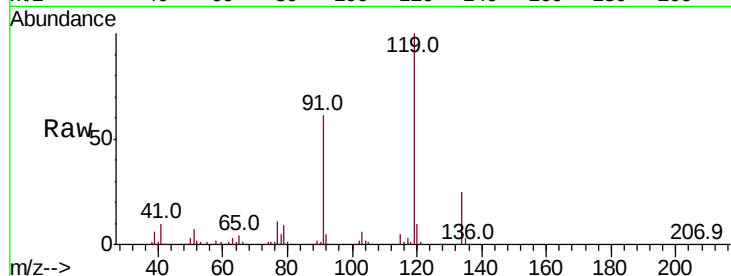
Tot Ion:119 Resp: 228295

Ion Ratio Lower Upper

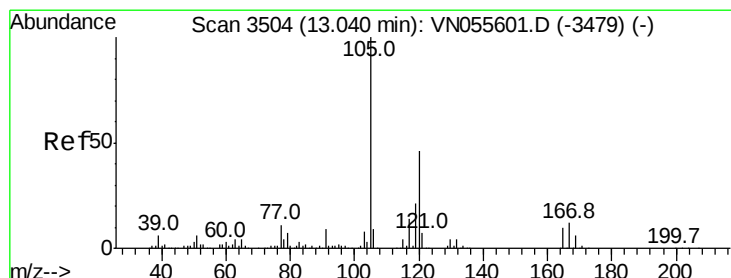
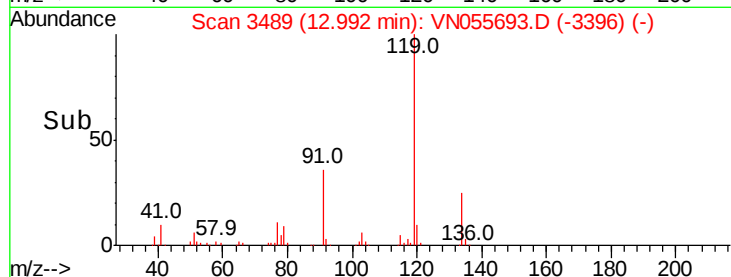
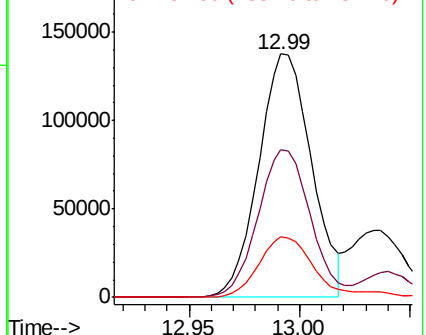
119 100

91 60.0 31.3 93.8

134 26.8 13.2 39.6



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



#84

1,2,4-Trimethylbenzene

Concen: 21.905 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055693.D

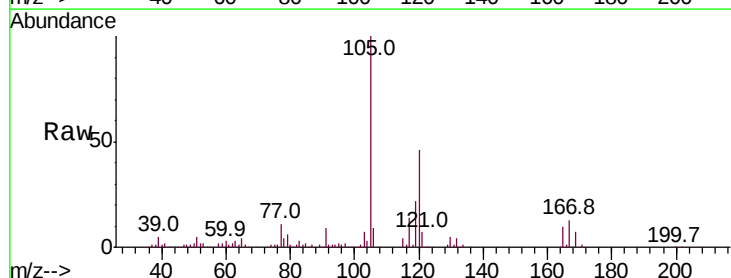
Acq: 21 May 2019 1:08

Tgt Ion:105 Resp: 251957

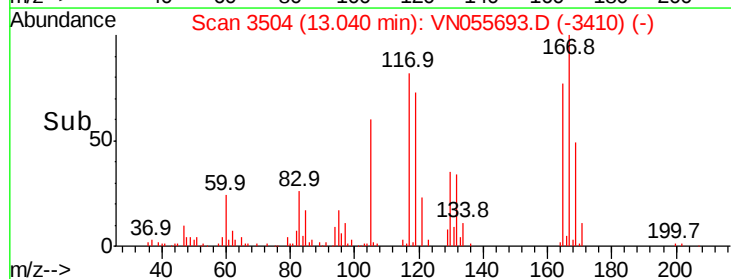
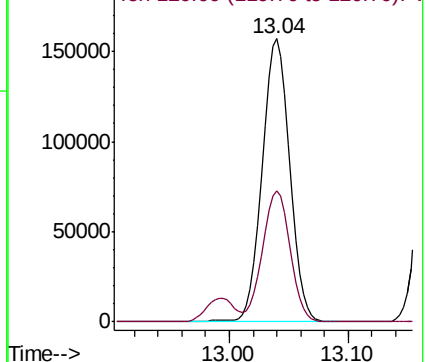
Ion Ratio Lower Upper

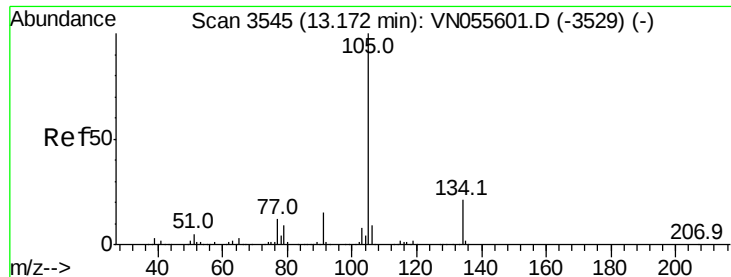
105 100

120 46.6 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 21.390 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055693.D

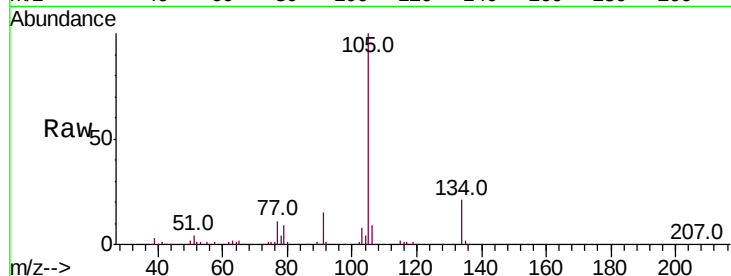
Acq: 21 May 2019 1:08

Tot Ion:105 Resp: 278066

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

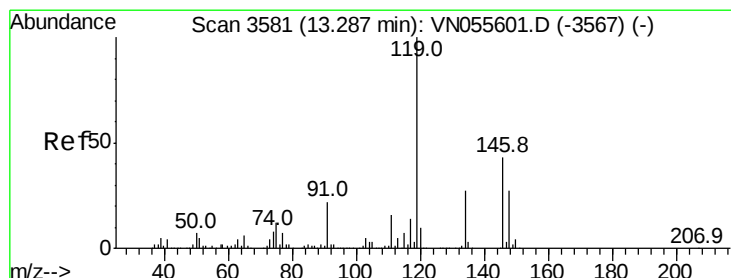
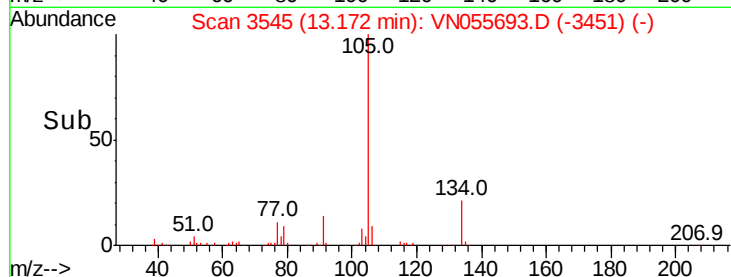
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 21.361 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

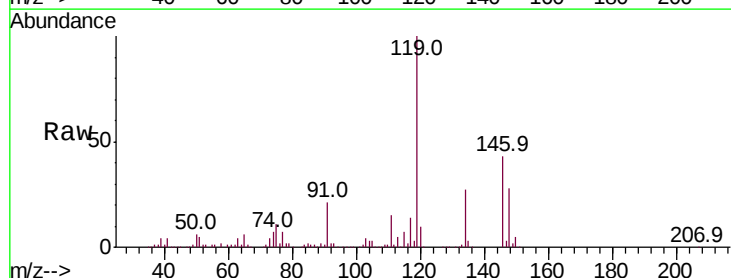
Tgt Ion:119 Resp: 256006

Ion Ratio Lower Upper

119 100

134 27.4 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

200000

150000

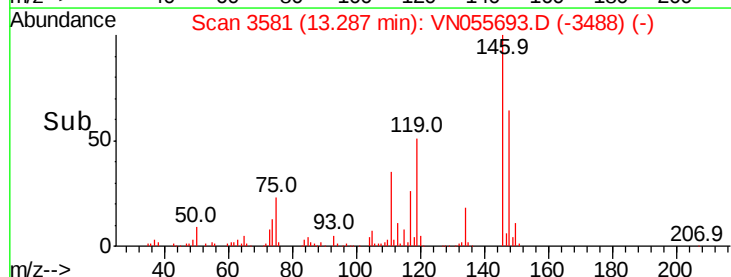
100000

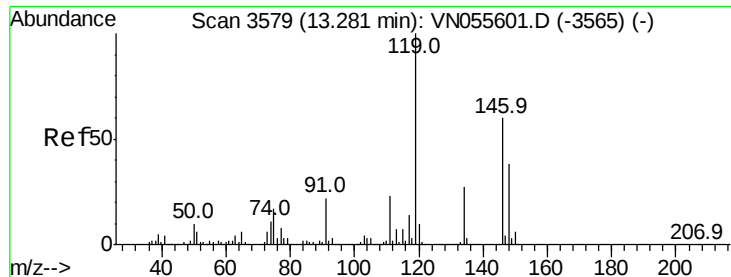
50000

0

13.20 13.30

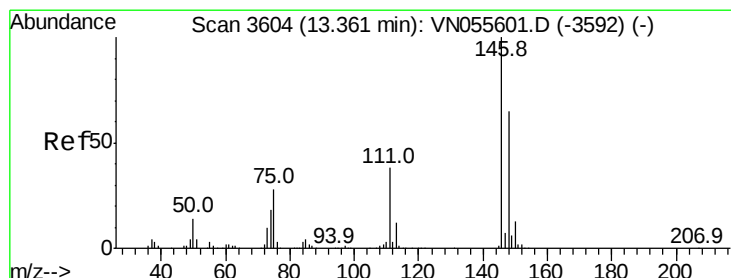
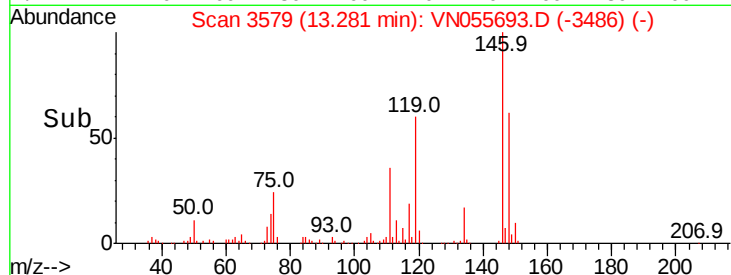
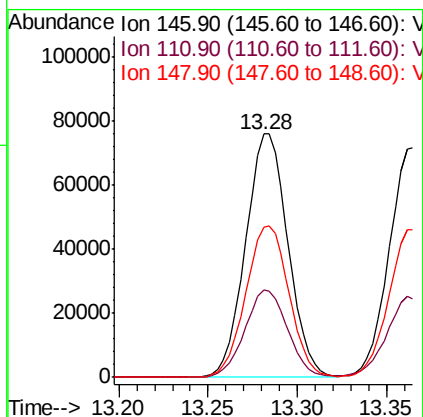
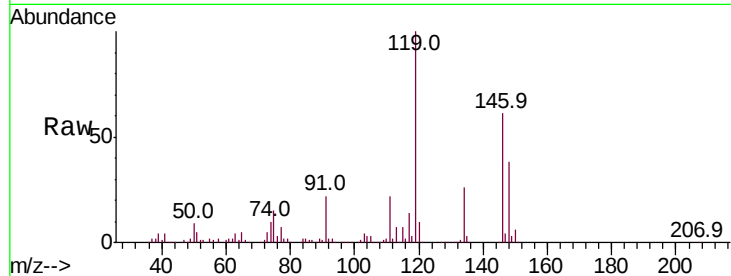
Time-->





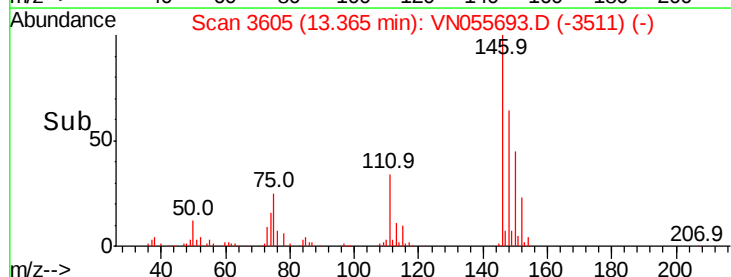
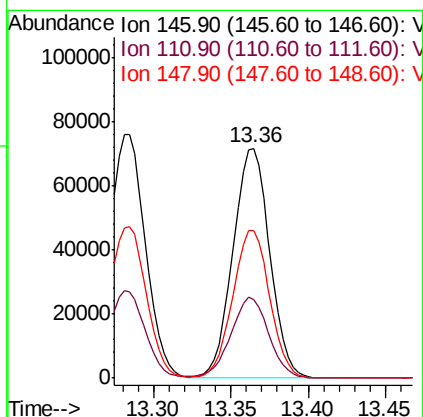
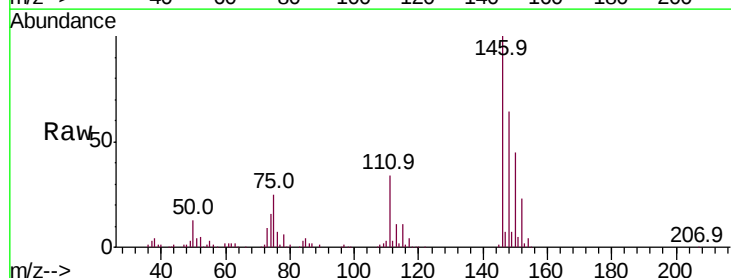
#87
 1,3-Dichlorobenzene
 Concen: 20.168 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

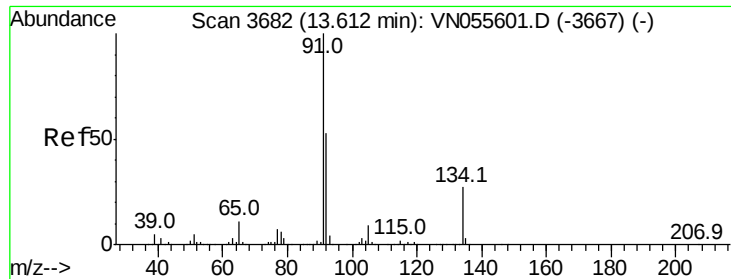
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.9	56.9
148	63.6	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.869 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

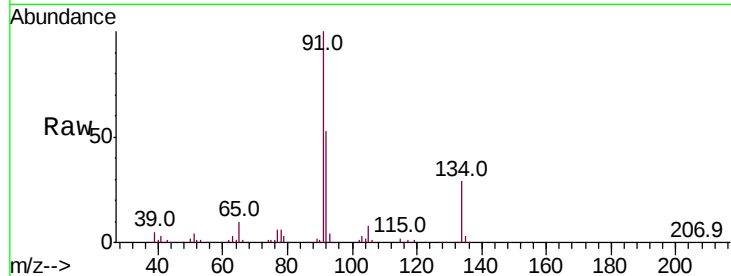
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.8	56.4
148	64.7	32.4	97.0



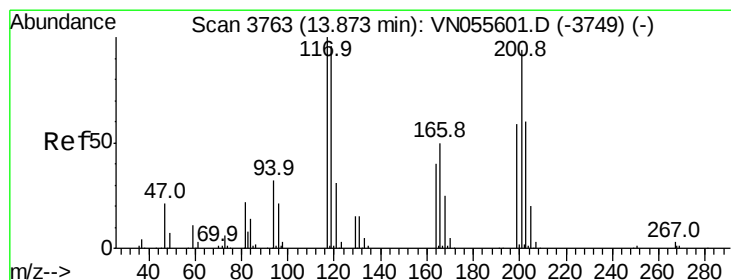
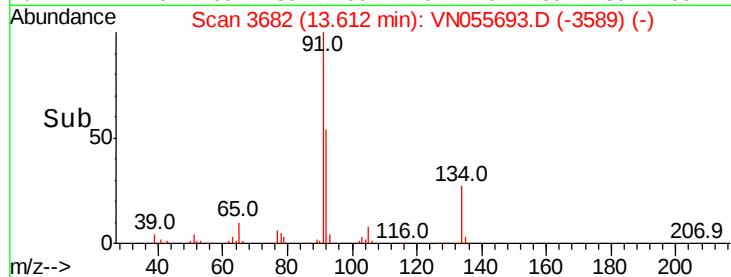
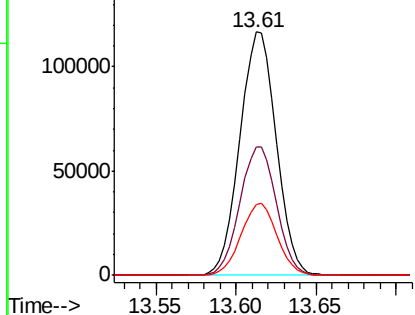


#89
n-Butylbenzene
Concen: 17.951 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tot Ion: 91 Resp: 181177
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.0
134 29.2 13.7 41.1

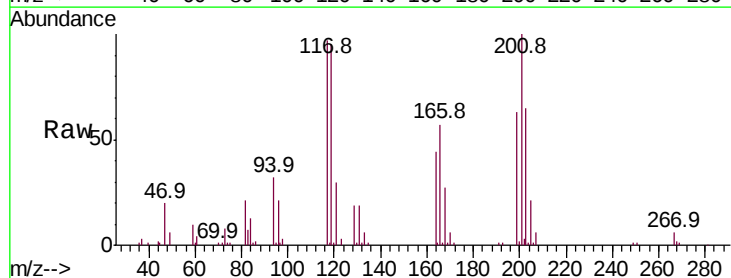


Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN055601.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN055601.D (-3667) (-)

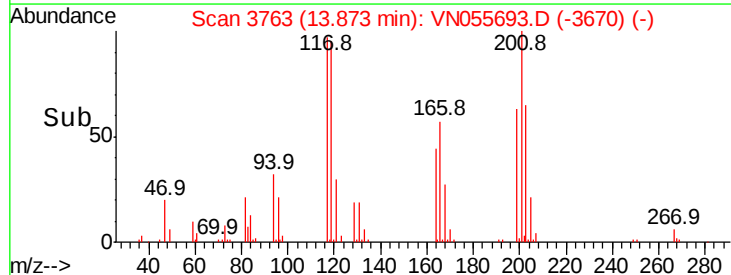
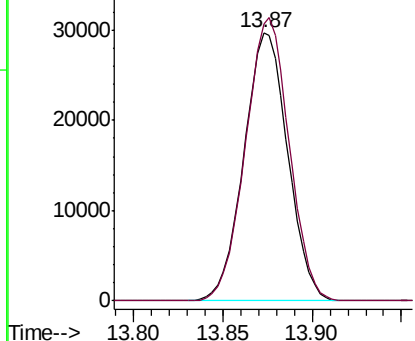


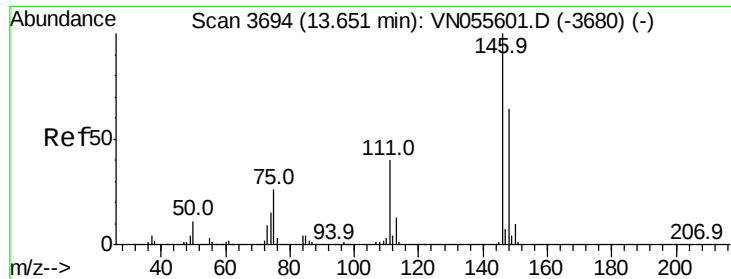
#90
Hexachloroethane
Concen: 22.059 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion: 117 Resp: 50890
Ion Ratio Lower Upper
117 100
201 105.4 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: 20.526 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

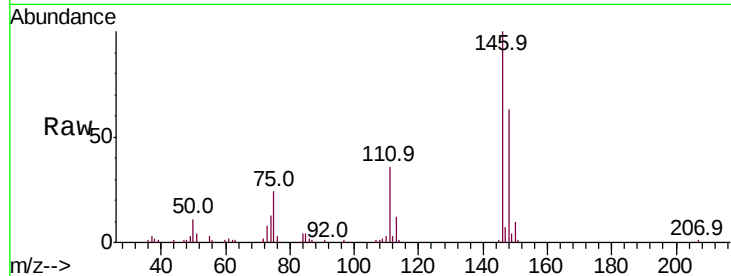
Tot Ion:146 Resp: 127792

Ion Ratio Lower Upper

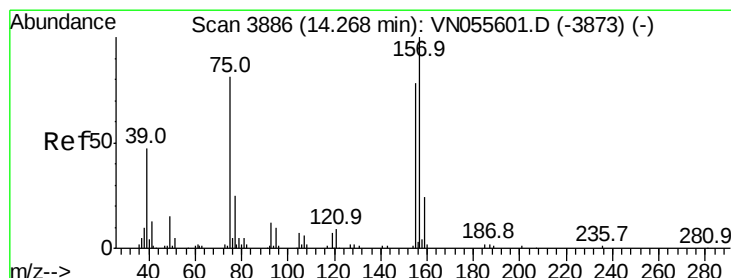
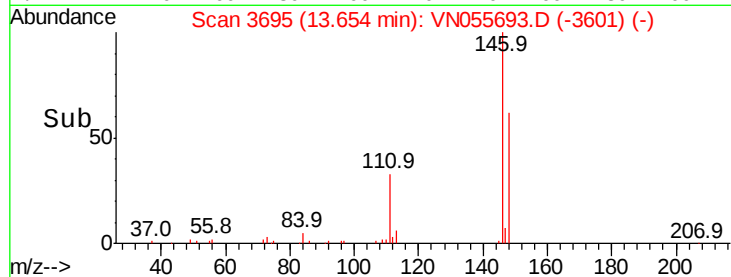
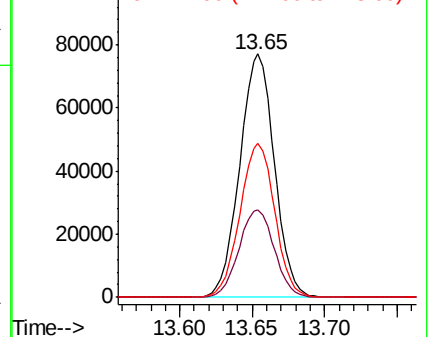
146 100

111 36.7 19.7 59.0

148 63.6 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.400 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

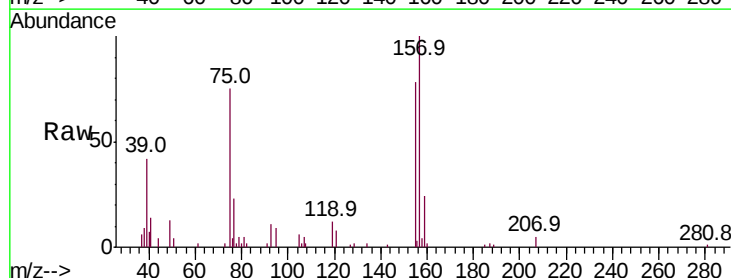
Tgt Ion: 75 Resp: 16193

Ion Ratio Lower Upper

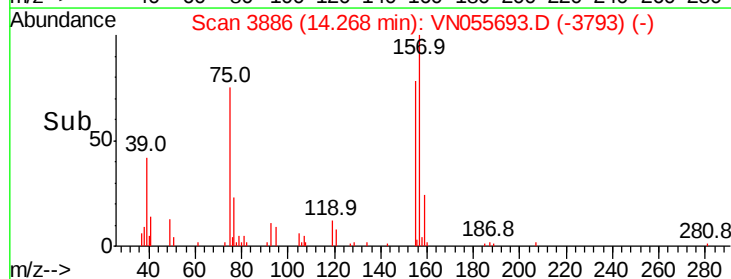
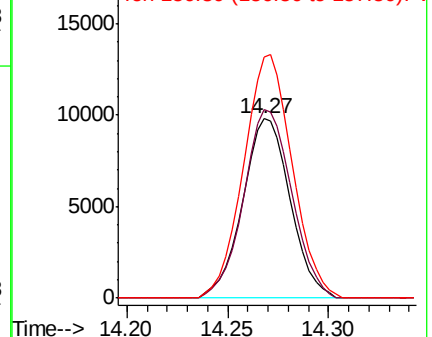
75 100

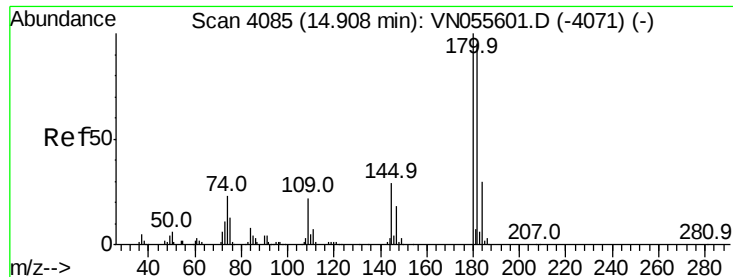
155 106.4 48.4 145.0

157 138.4 62.3 186.8



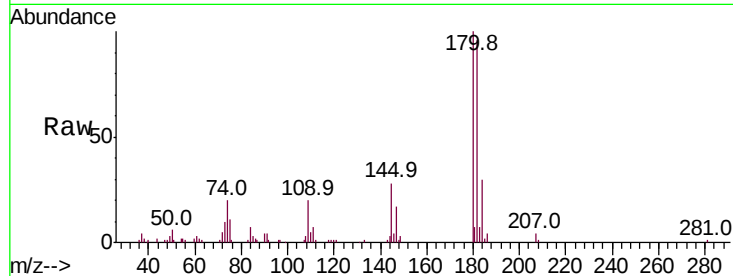
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



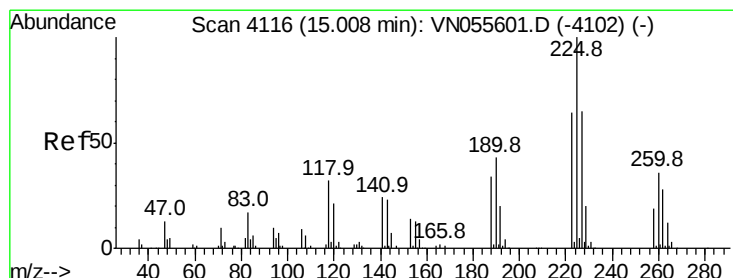
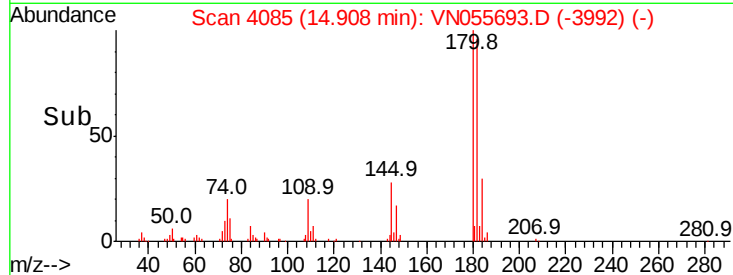
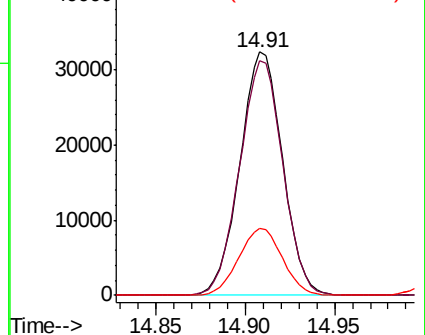


#93
 1,2,4-Trichlorobenzene
 Concen: 17.061 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tot Ion:180 Resp: 54066
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.9 143.6
 145 28.0 14.3 42.9

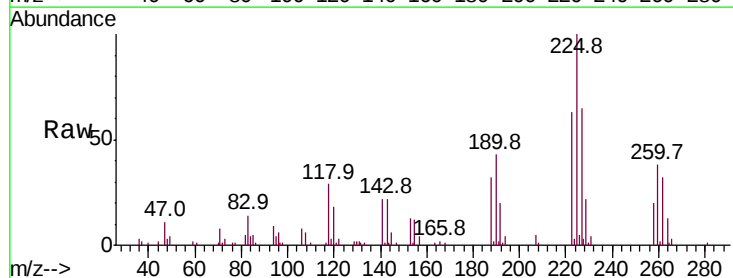


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

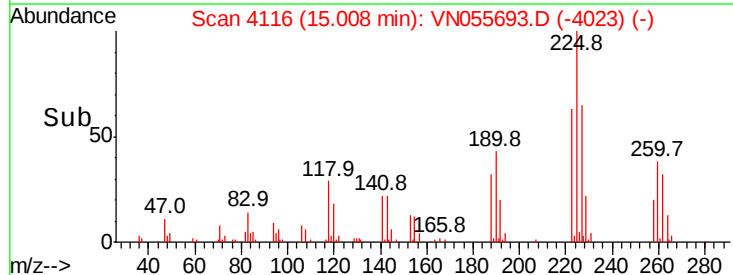
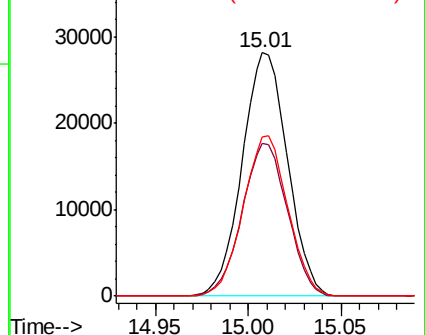


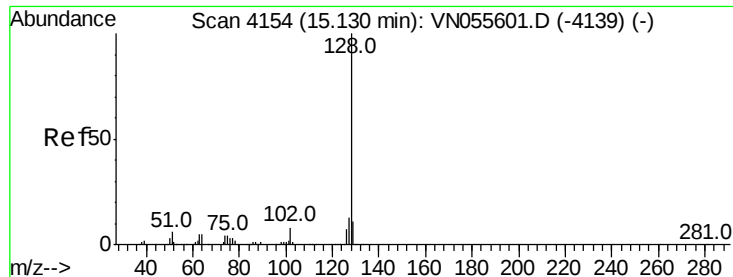
#94
 Hexachlorobutadiene
 Concen: 23.373 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tgt Ion:225 Resp: 47674
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.7
 227 64.8 32.4 97.0



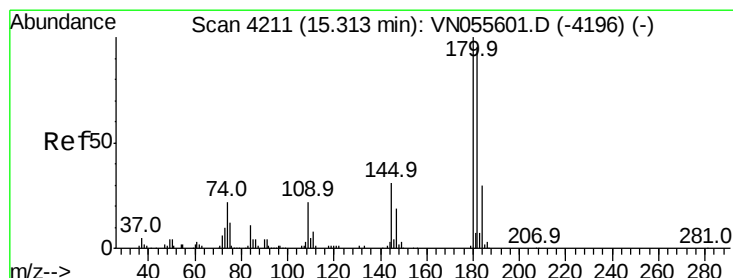
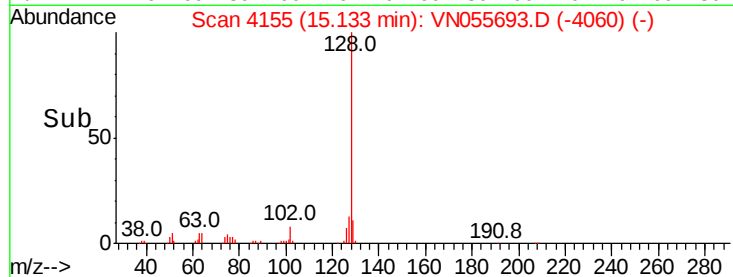
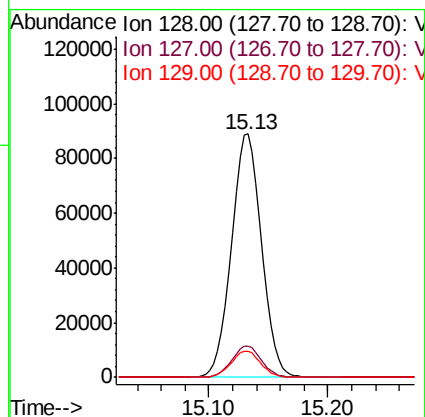
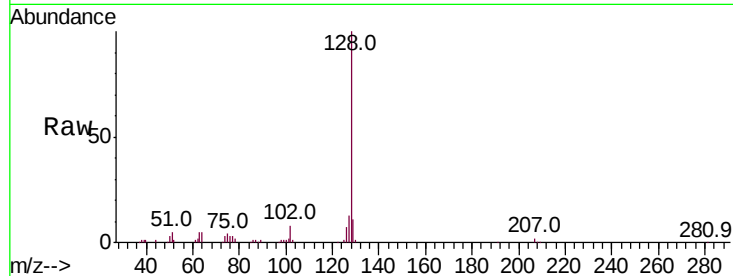
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 17.478 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tot Ion:128 Resp: 155792
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.273 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

Tgt Ion:180 Resp: 60549
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 28.6 15.4 46.1

