

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 04:41:11 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	7.21	41	116759	67.110	ug/l #	100
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	107360	28.606	ug/l #	100
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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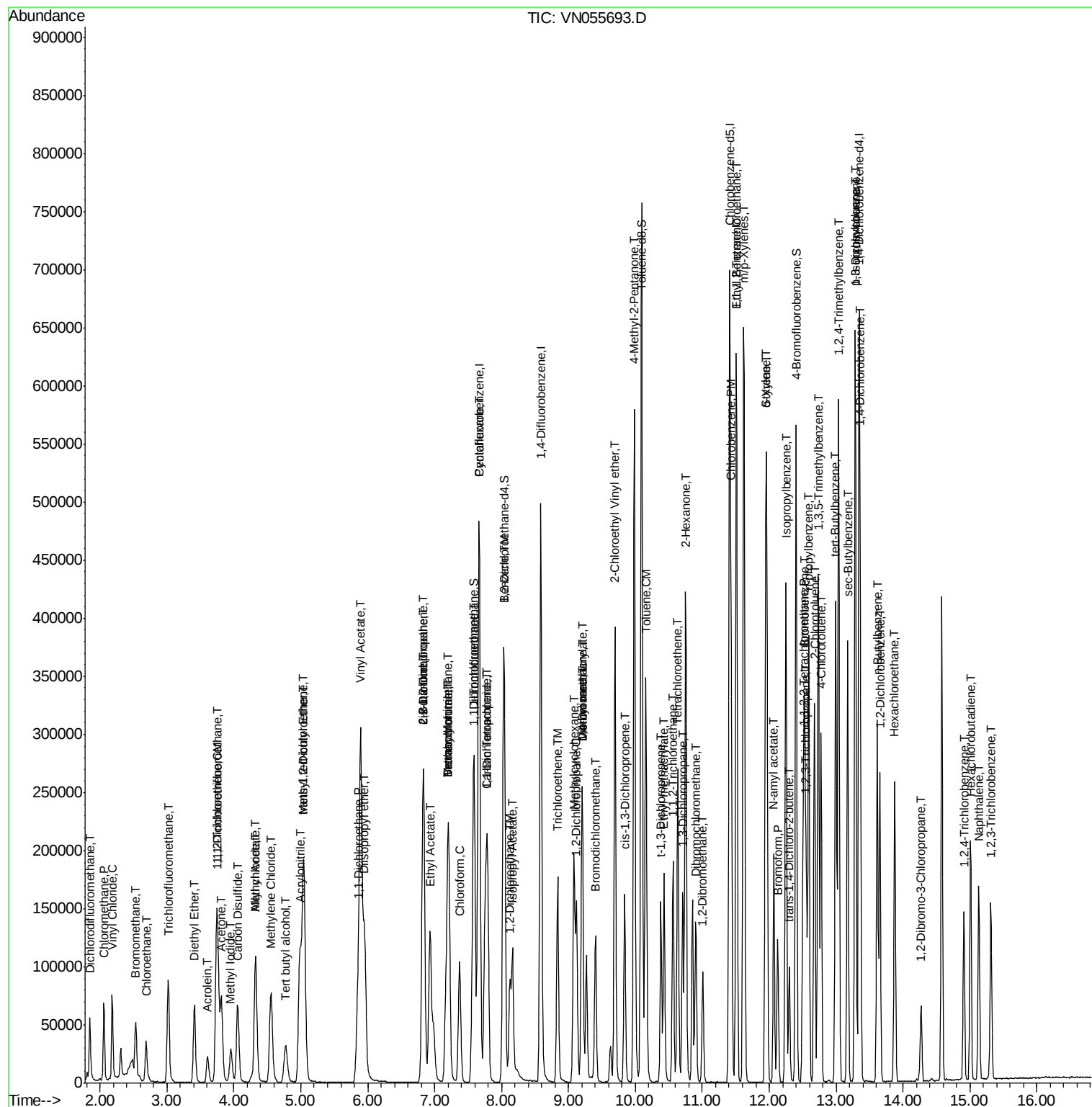
Quant Time: May 21 04:41:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
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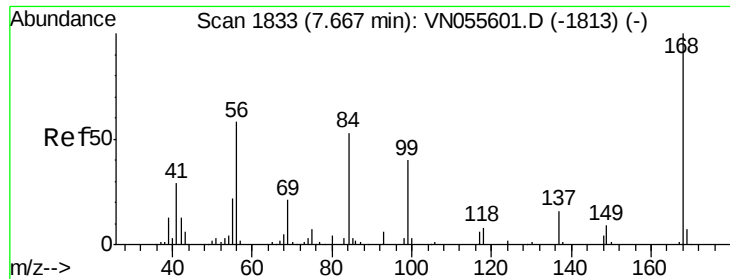
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	54066	17.061	ug/l	98
94) Hexachlorobutadiene	15.01	225	47674	23.373	ug/l	100
95) Naphthalene	15.13	128	155792	17.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	60549	18.273	ug/l	98

(#) = 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

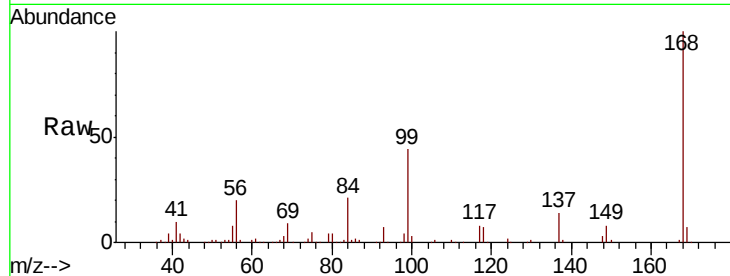
Acq: 21 May 2019 1:08

Tot Ion:168 Resp: 353908

Ion Ratio Lower Upper

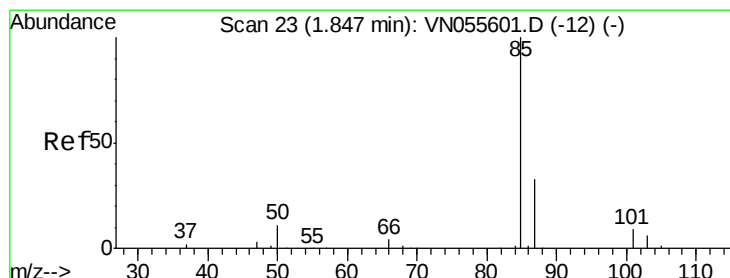
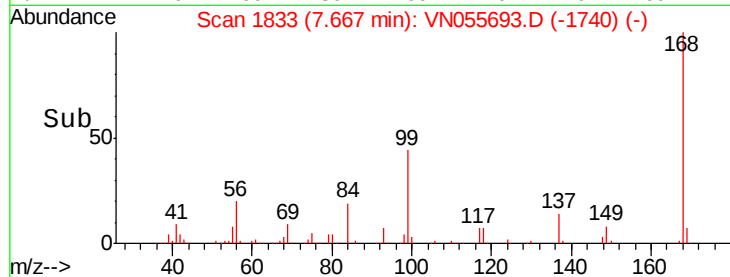
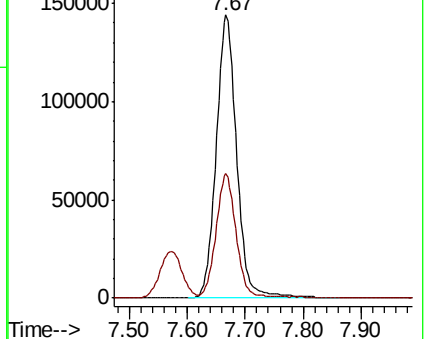
168 100

99 44.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 16.911 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055693.D

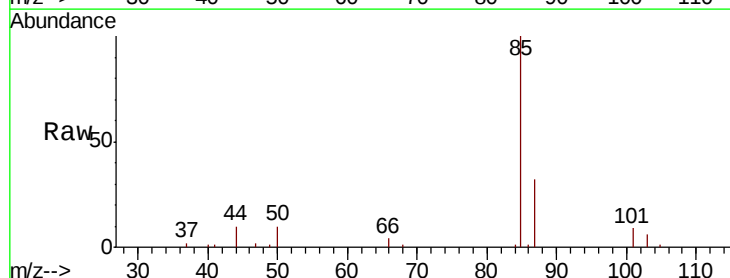
Acq: 21 May 2019 1:08

Tgt Ion: 85 Resp: 46049

Ion Ratio Lower Upper

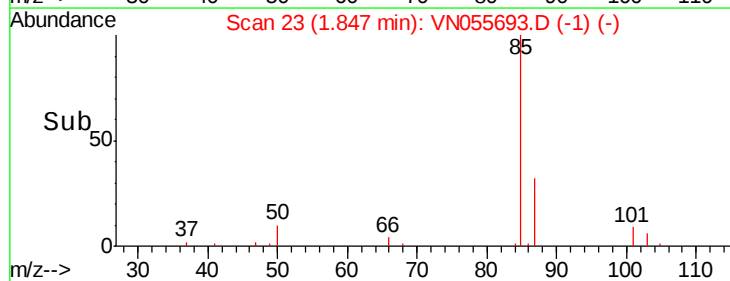
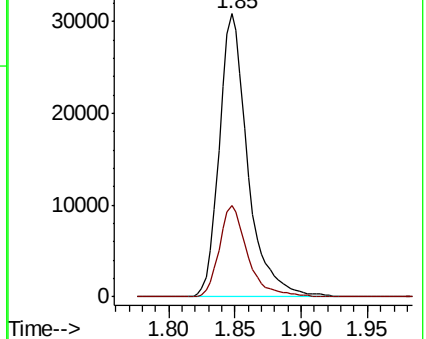
85 100

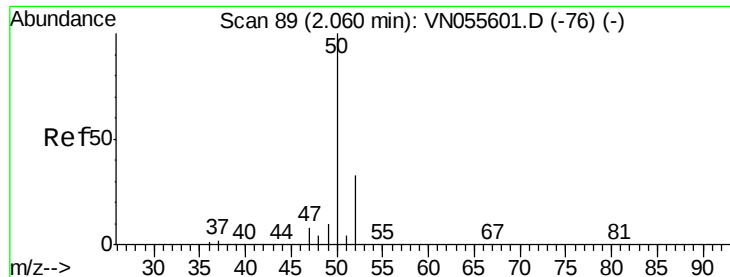
87 32.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 16.423 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055693.D

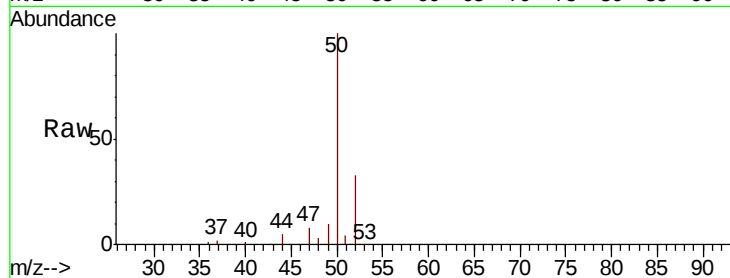
Acq: 21 May 2019 1:08

Tot Ion: 50 Resp: 59649

Ion Ratio Lower Upper

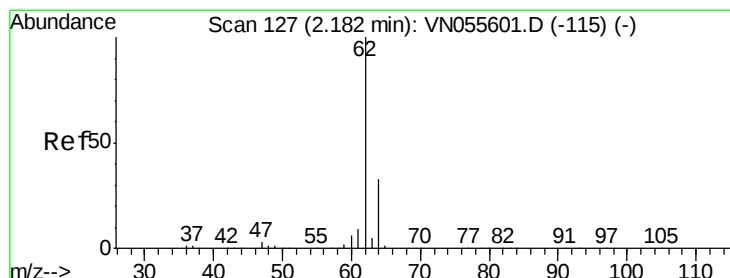
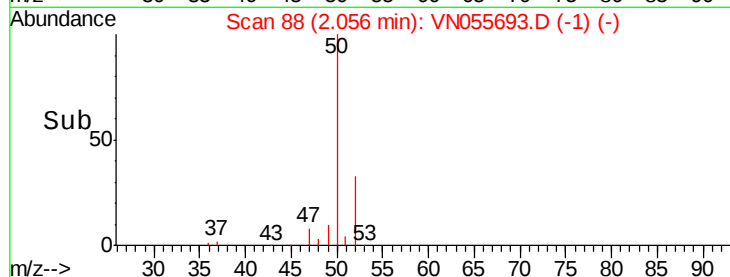
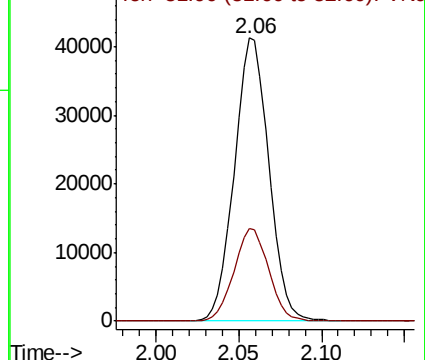
50 100

52 32.8 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.162 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055693.D

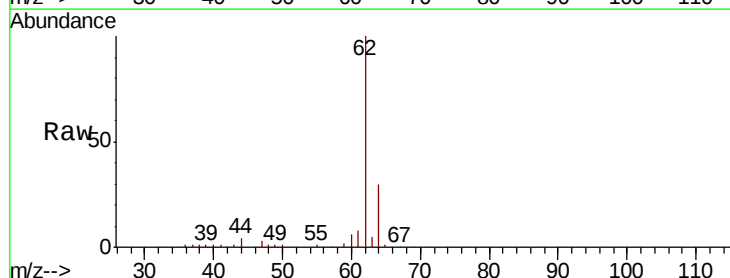
Acq: 21 May 2019 1:08

Tgt Ion: 62 Resp: 67497

Ion Ratio Lower Upper

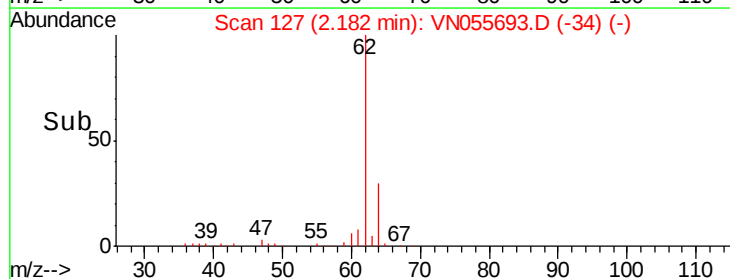
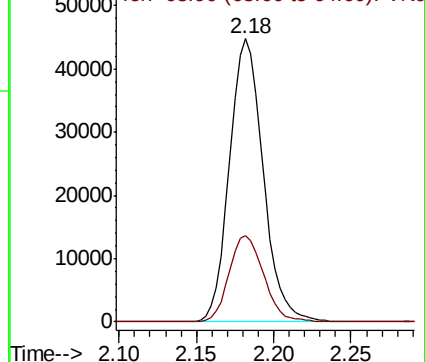
62 100

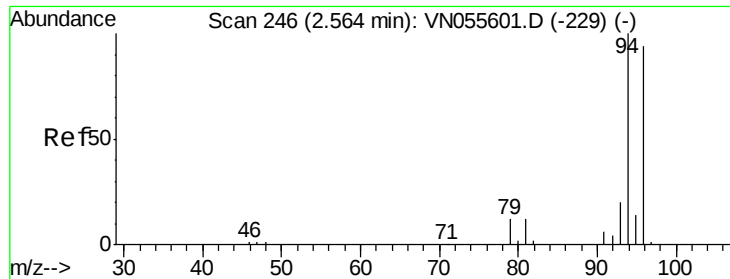
64 30.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 14.384 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.03 min

Lab File: VN055693.D

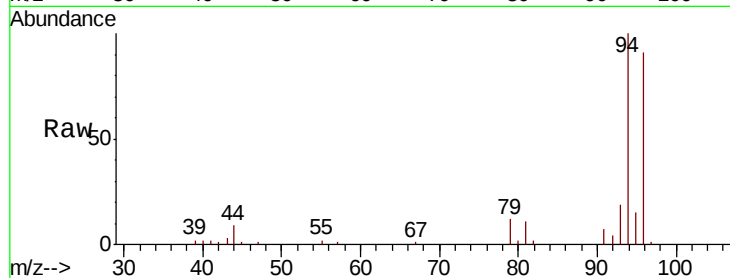
Acq: 21 May 2019 1:08

Tot Ion: 94 Resp: 36052

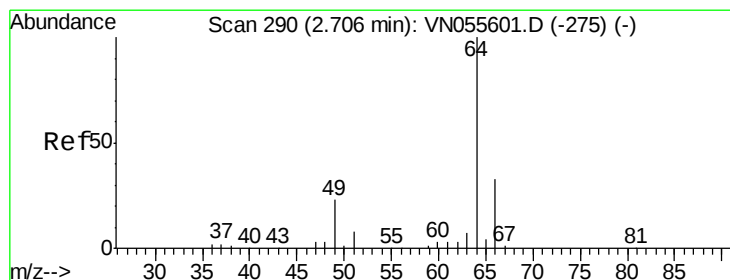
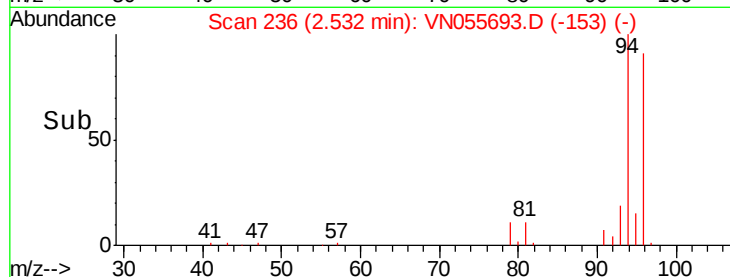
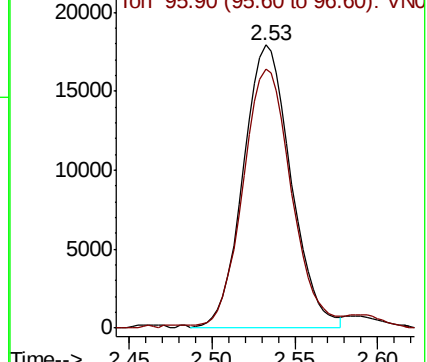
Ion Ratio Lower Upper

94 100

96 90.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN055693.D (-153) (-)



#6

Chloroethane

Concen: 18.257 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.02 min

Lab File: VN055693.D

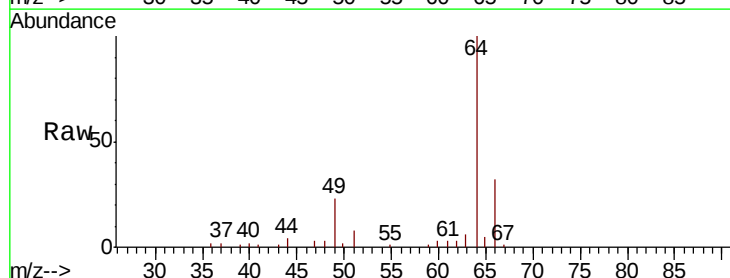
Acq: 21 May 2019 1:08

Tgt Ion: 64 Resp: 39868

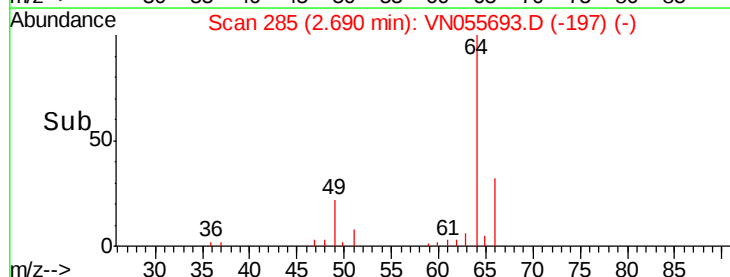
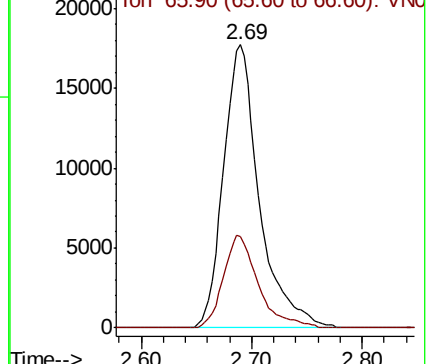
Ion Ratio Lower Upper

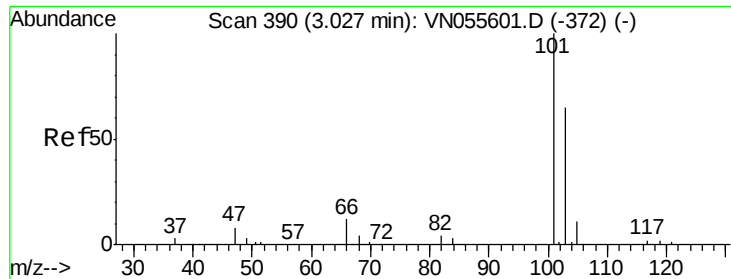
64 100

66 32.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN055693.D (-197) (-)

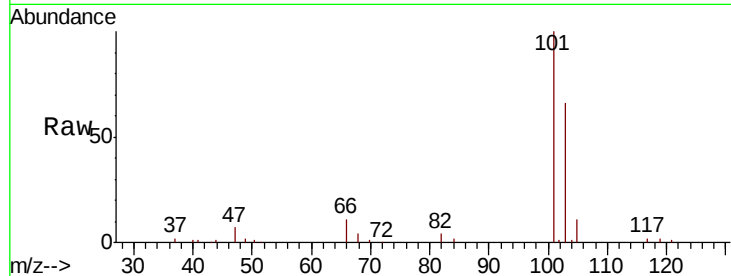




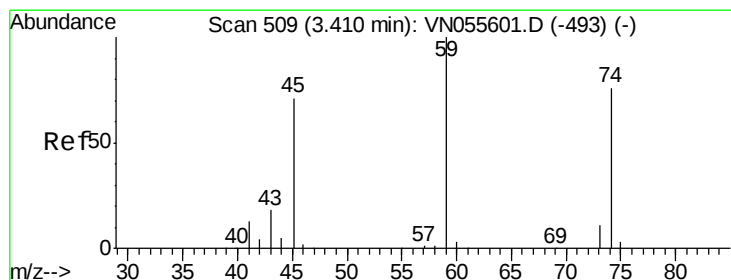
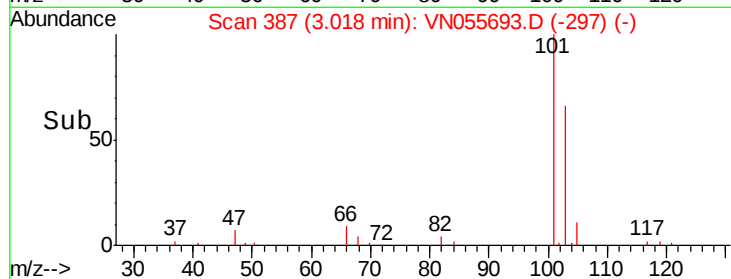
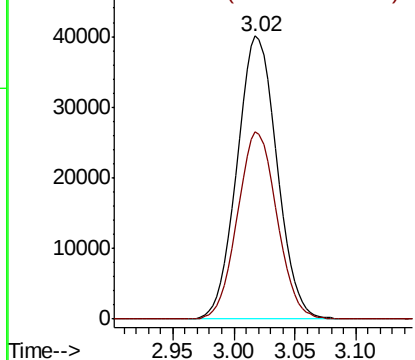
#7

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



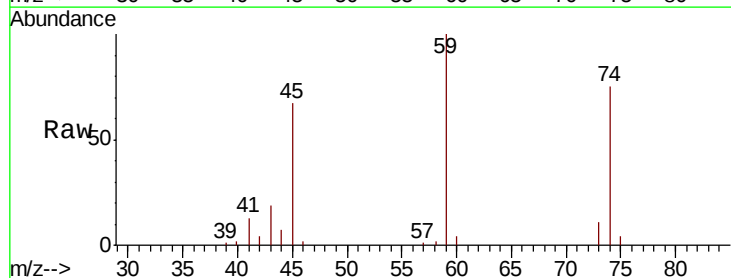
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



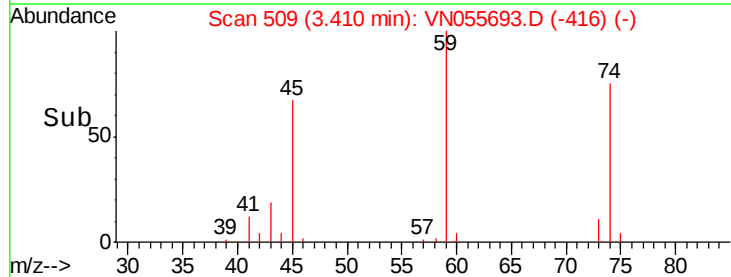
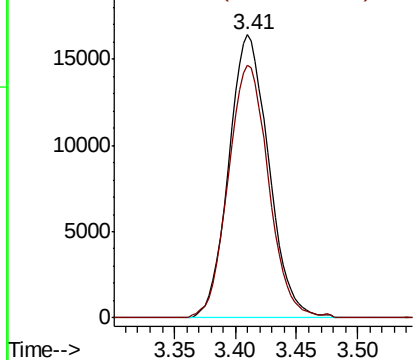
#8

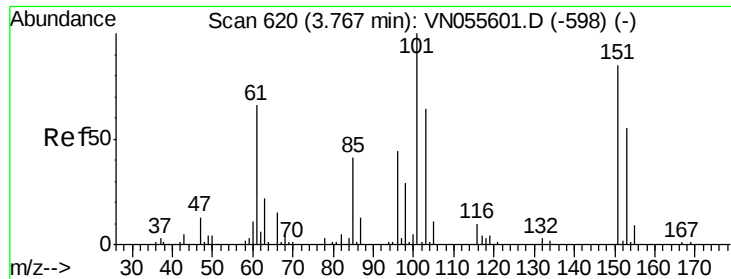
Diethyl Ether
Concen: 18.433 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN055693.D
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Tgt Ion: 74 Resp: 37320
Ion Ratio Lower Upper
74 100
45 90.2 46.4 139.2



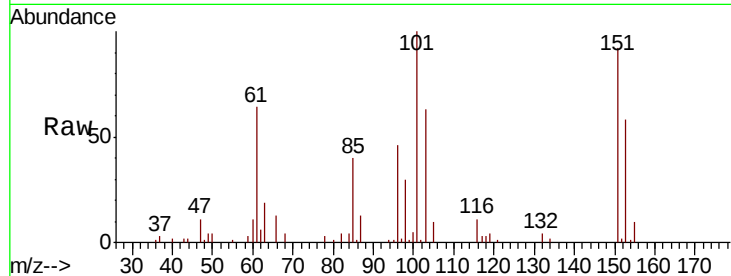
Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO



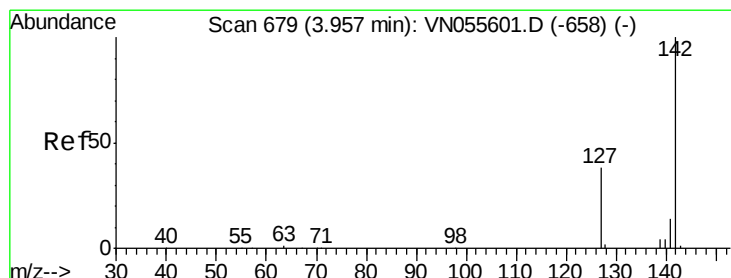
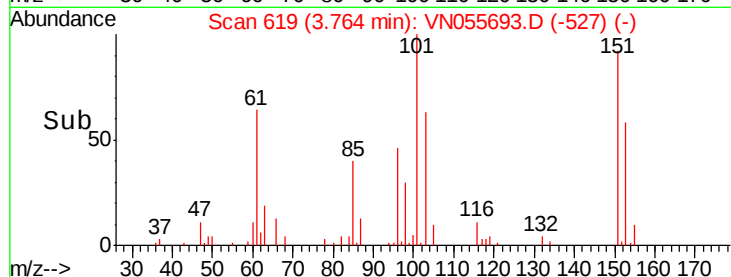
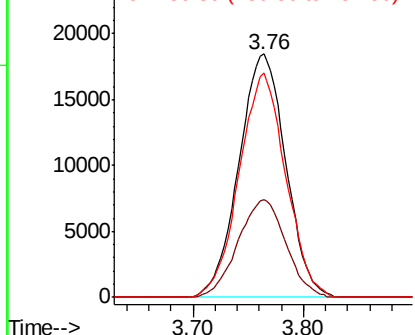


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.728 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

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

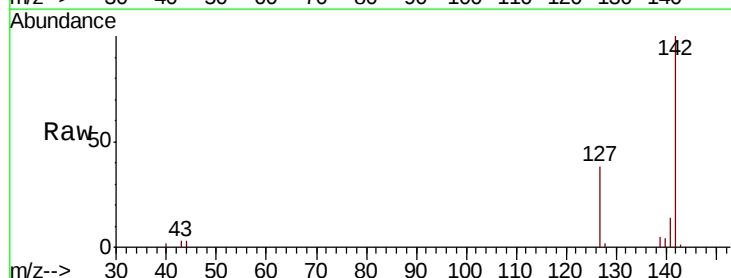


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

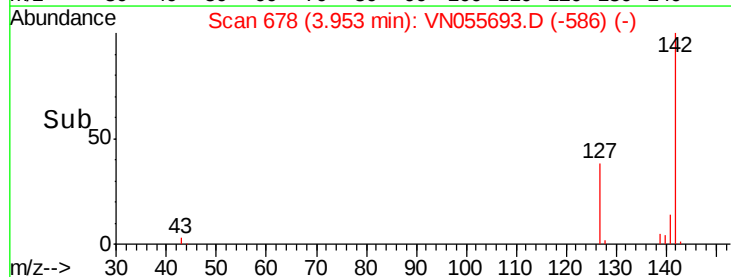
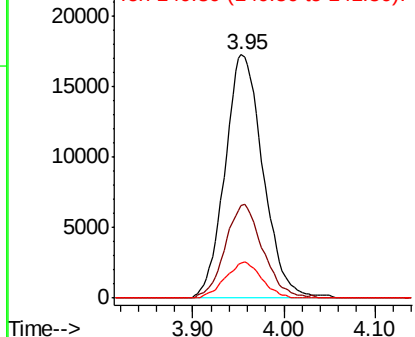


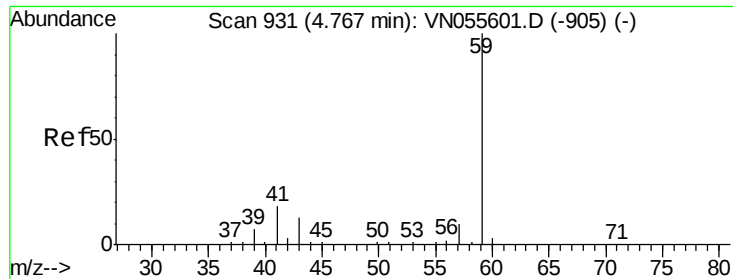
#10
 Methyl Iodide
 Concen: 11.319 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

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

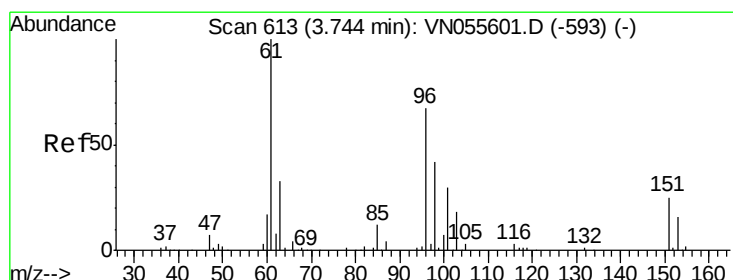
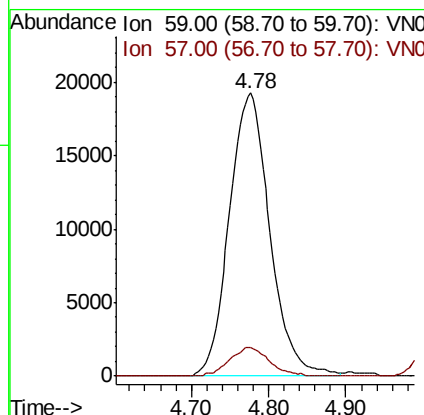
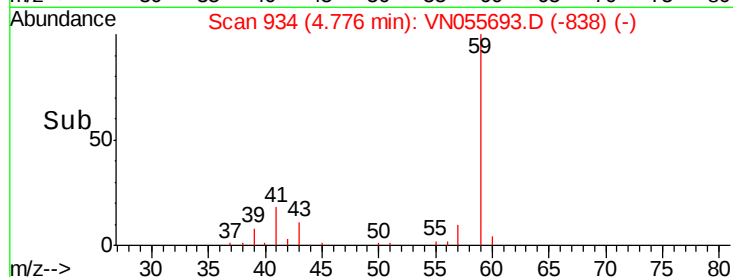
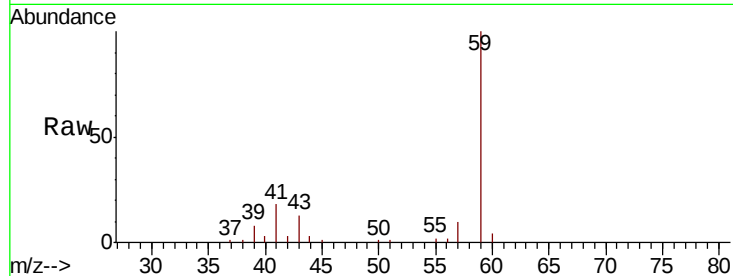




#11

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

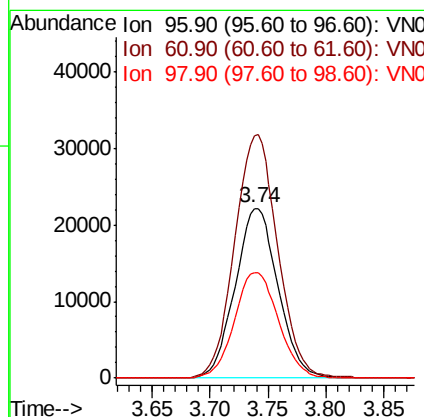
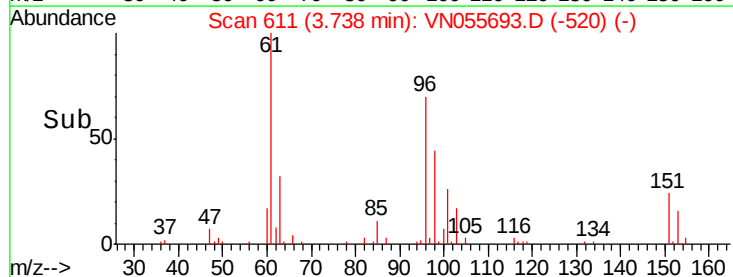
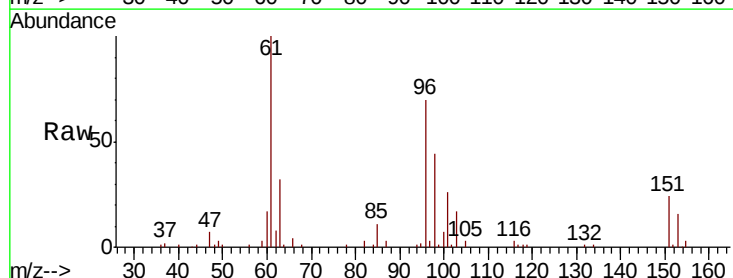
Tot Ion: 59 Resp: 70172
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.6

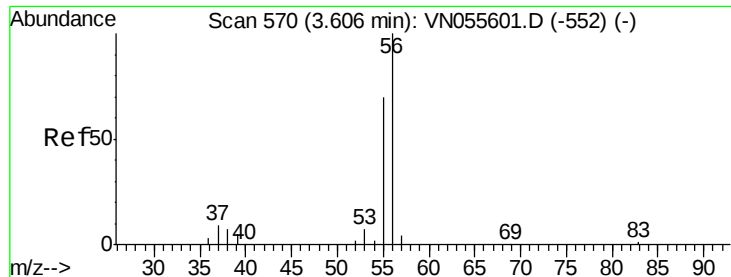


#12

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

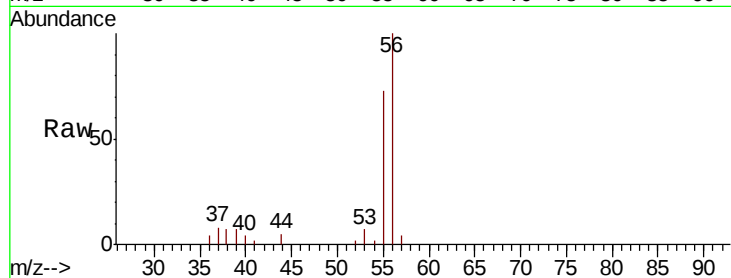
Acq: 21 May 2019 1:08

Tot Ion: 56 Resp: 26907

Ion Ratio Lower Upper

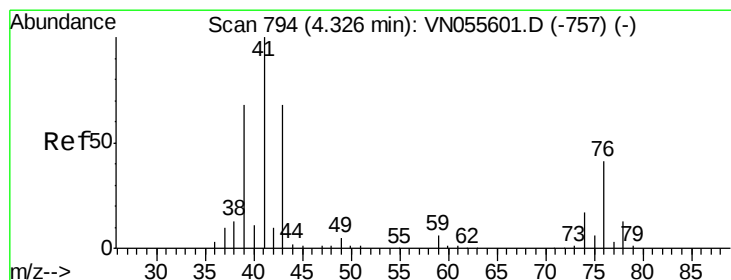
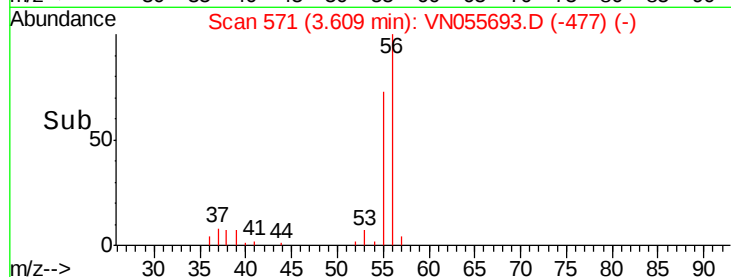
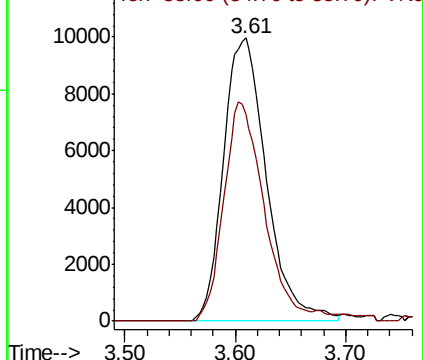
56 100

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

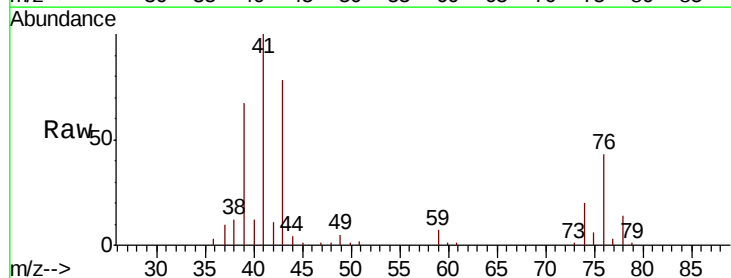
Tgt Ion: 41 Resp: 87488

Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

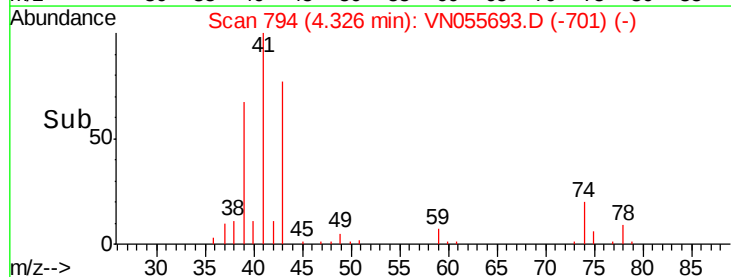
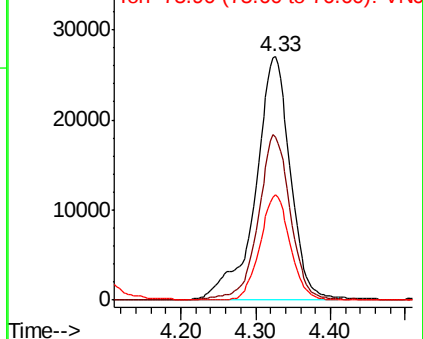
76 37.2 29.2 43.8

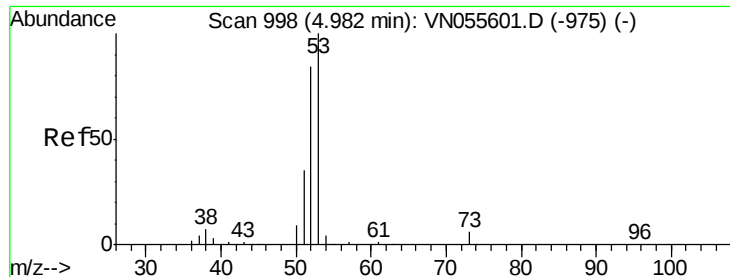


Abundance Ion 41.00 (40.70 to 41.70): VN0

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

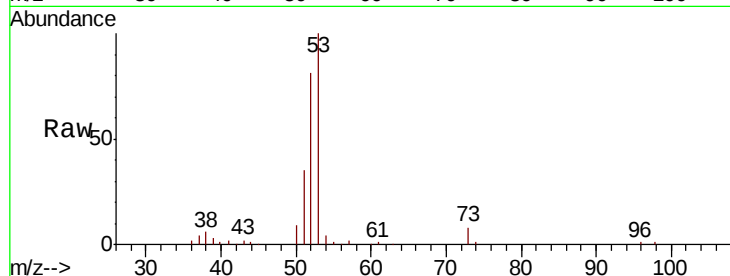
Delta R.T. 0.00 min

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

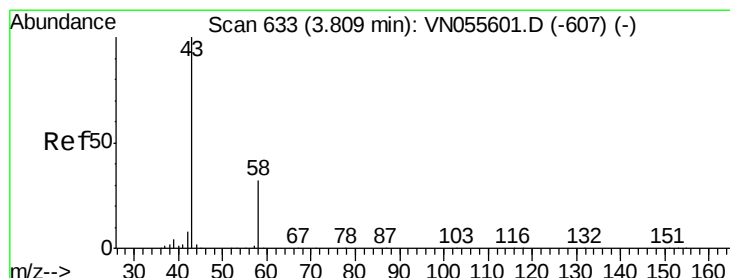
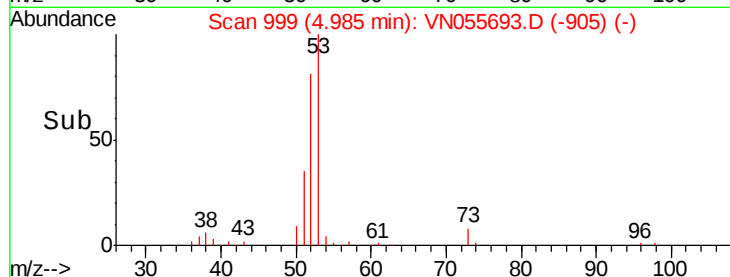
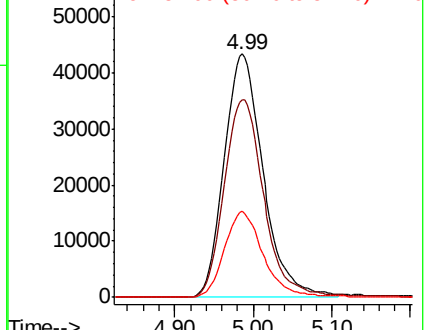


Abundance

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

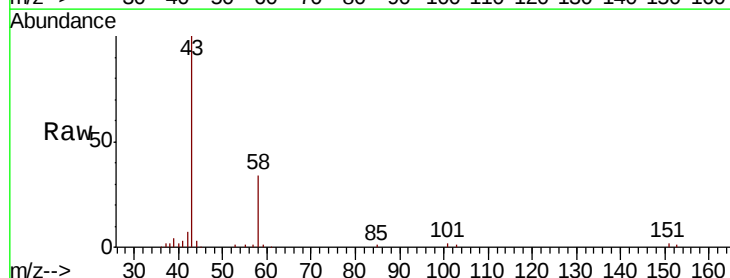
Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

Tgt Ion: 43 Resp: 122473

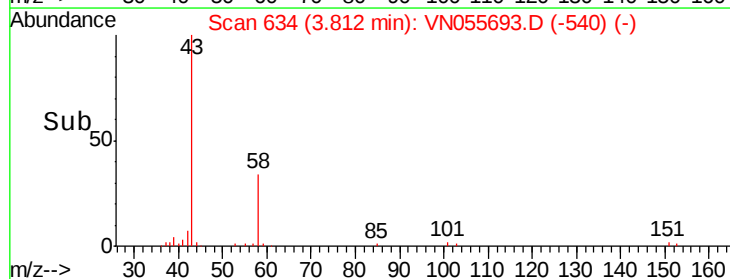
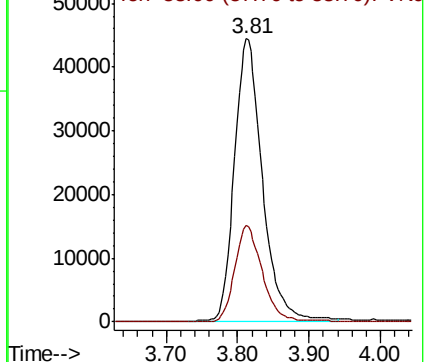
Ion	Ratio	Lower	Upper
43	100		
58	33.9	26.0	39.0

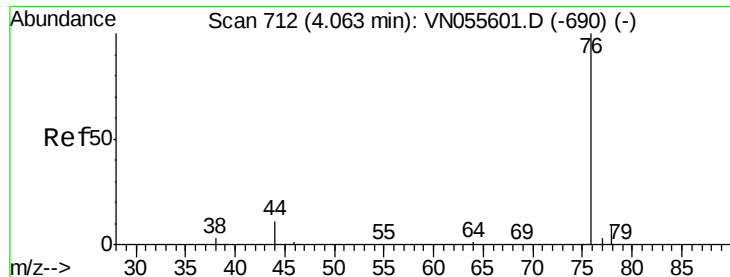


Abundance

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

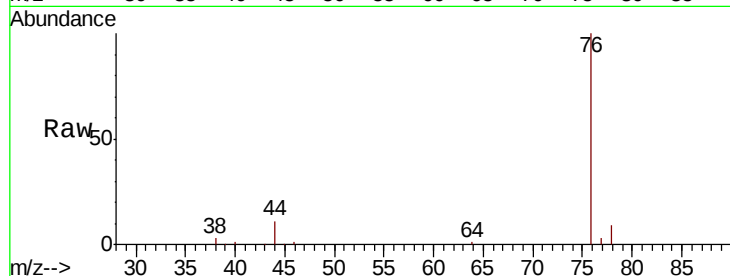
Acq: 21 May 2019 1:08

Tot Ion: 76 Resp: 144035

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

50000

40000

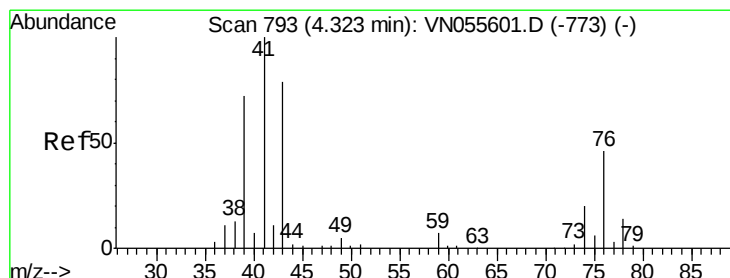
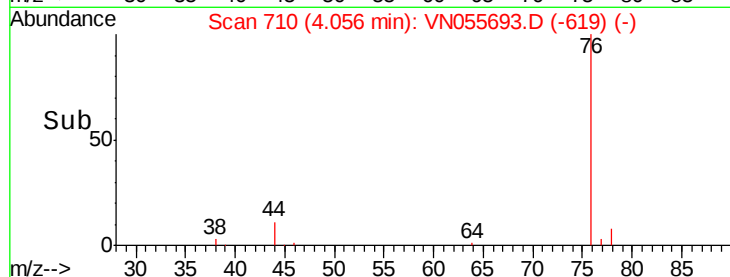
30000

20000

10000

0

Time--> 3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 19.423 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN055693.D

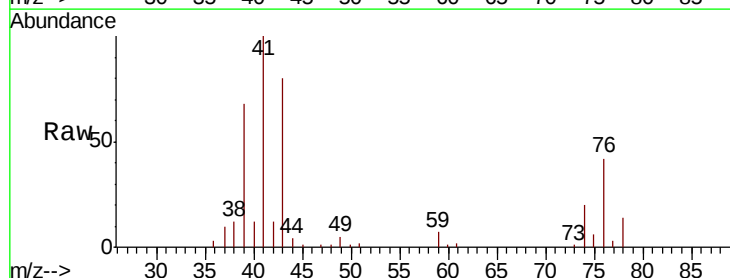
Acq: 21 May 2019 1:08

Tgt Ion: 43 Resp: 65926

Ion Ratio Lower Upper

43 100

74 24.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

25000

20000

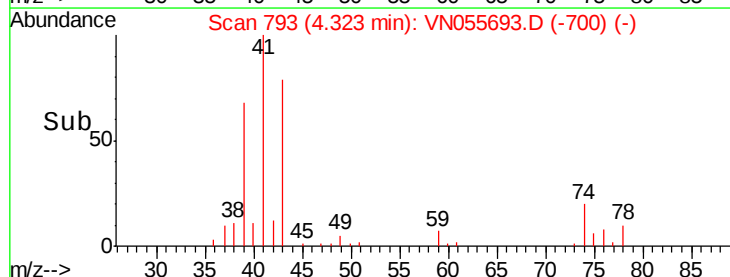
15000

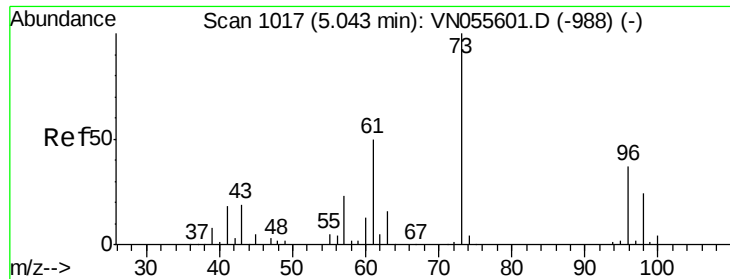
10000

5000

0

Time--> 4.20 4.30 4.40

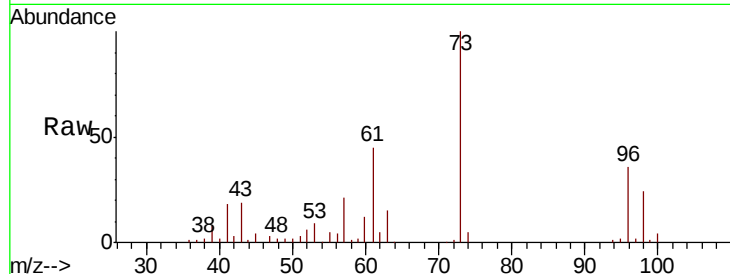




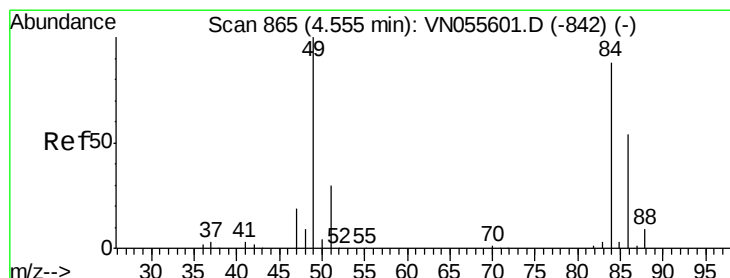
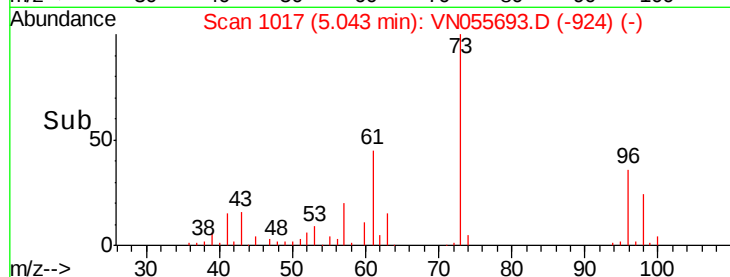
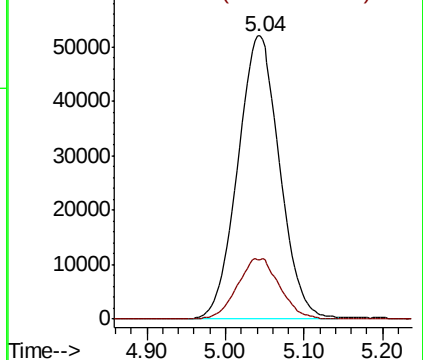
#19

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



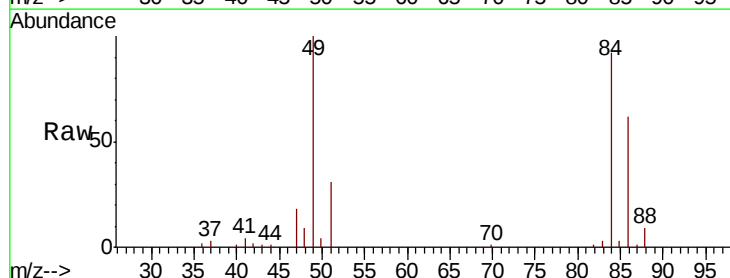
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



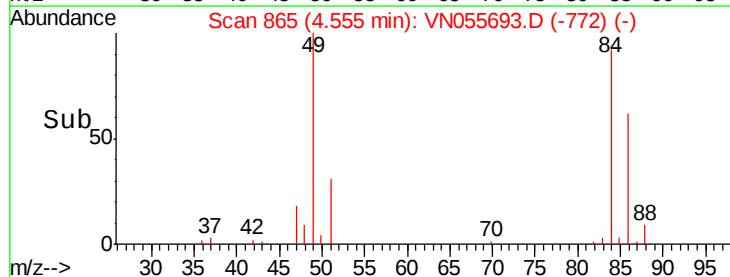
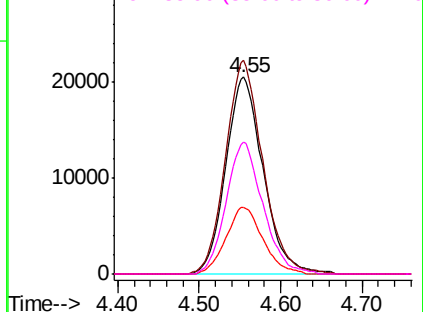
#20

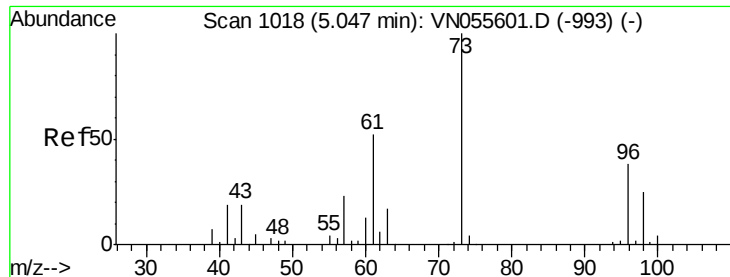
Methylene Chloride
 Concen: 18.158 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

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



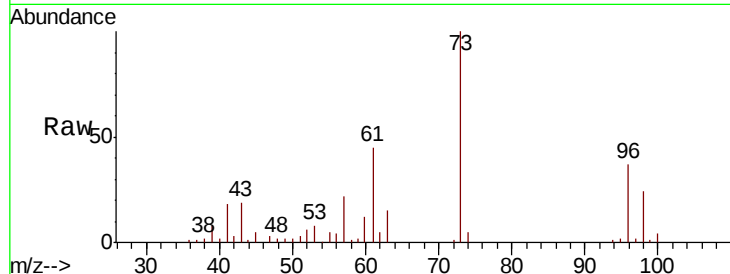
Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0



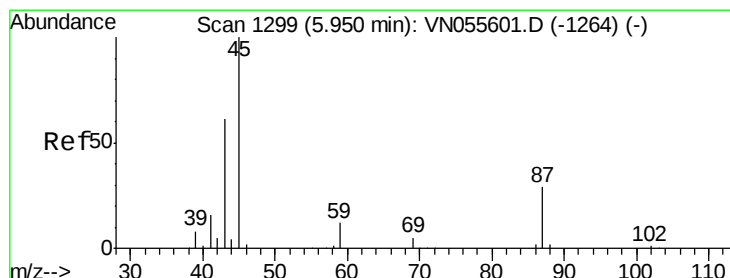
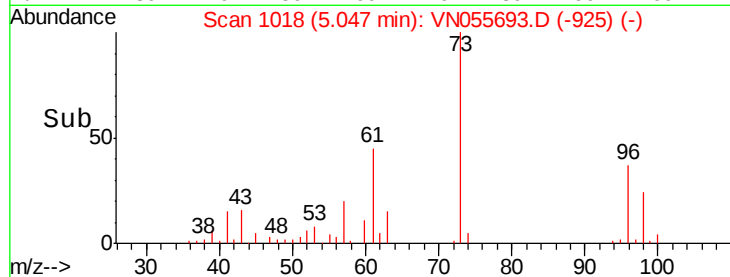
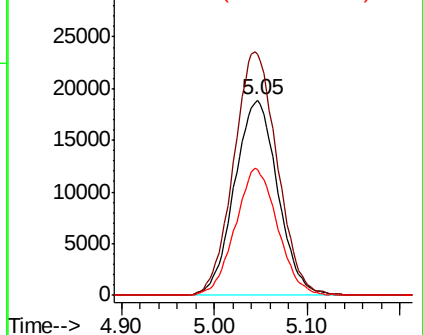


#21
trans-1,2-Dichloroethene
Concen: 17.731 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

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

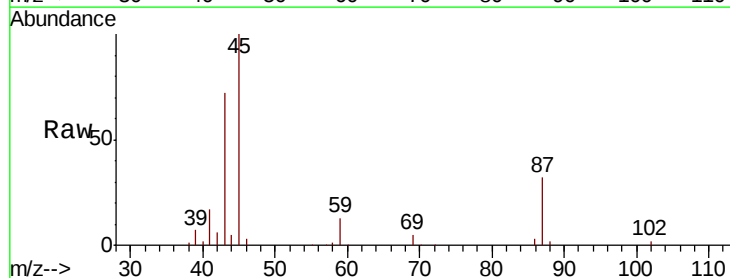


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

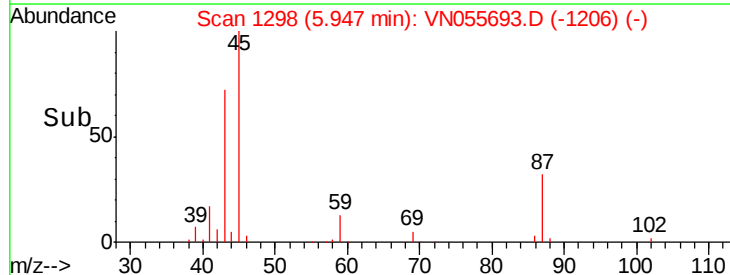
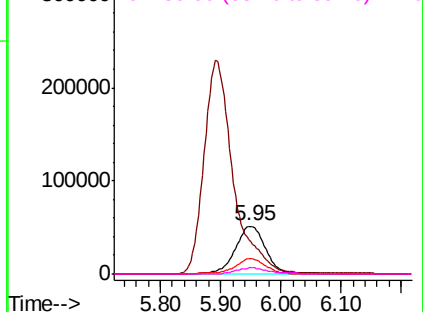


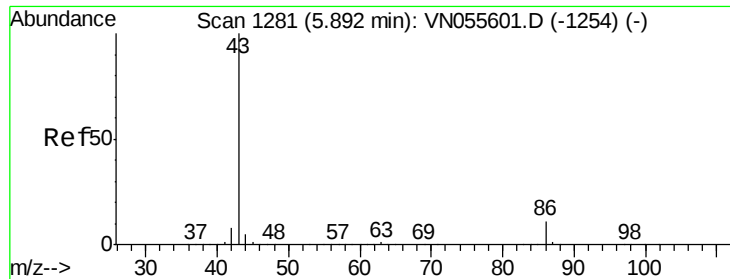
#22
Diisopropyl ether
Concen: 17.583 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

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



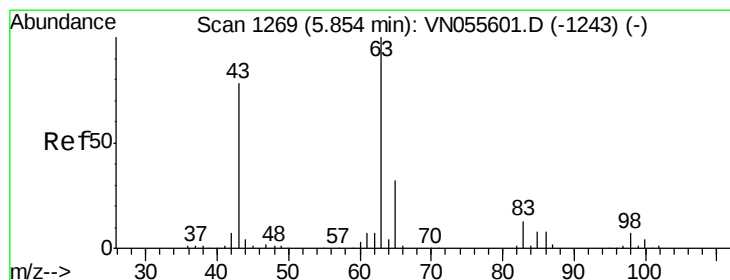
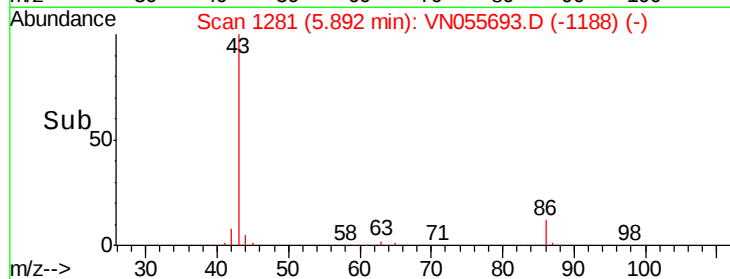
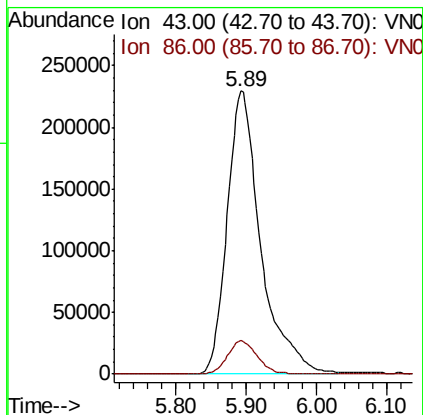
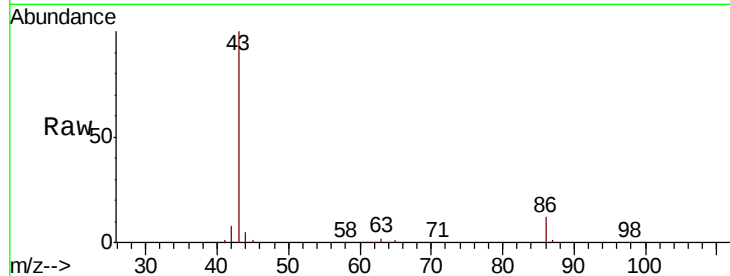
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





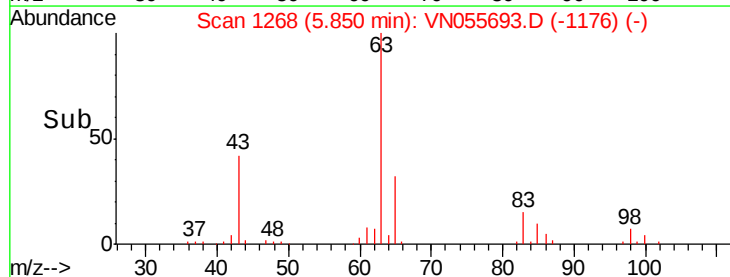
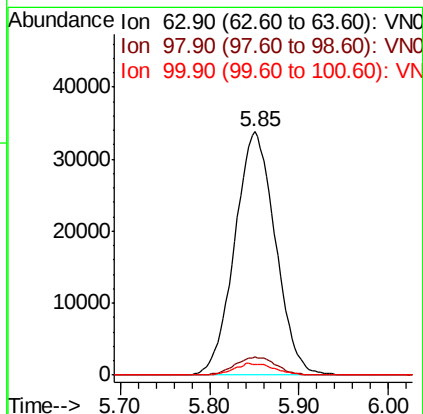
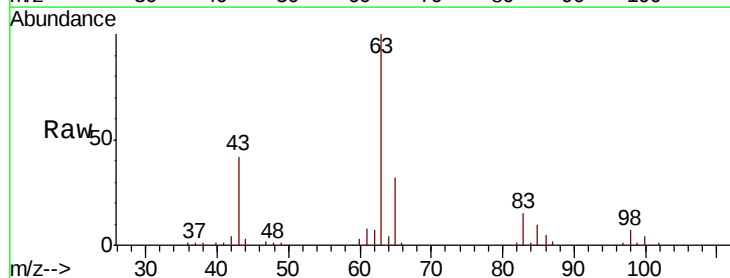
#23
 Vinyl Acetate
 Concen: 87.202 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

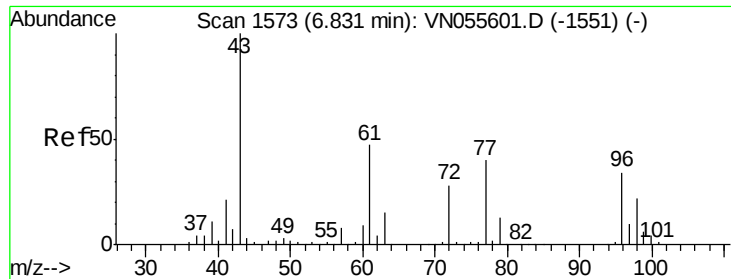
Tot Ion: 43 Resp: 765036
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.7 13.1



#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





#25

2-Butanone

Concen: 87.939 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055693.D

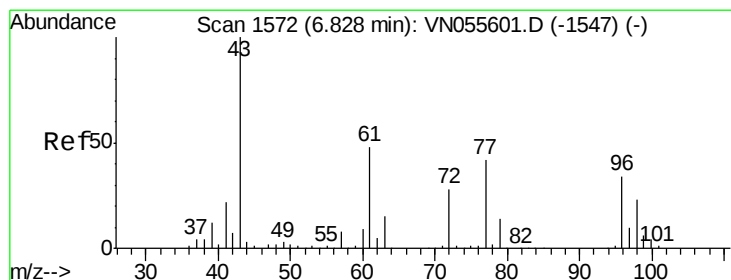
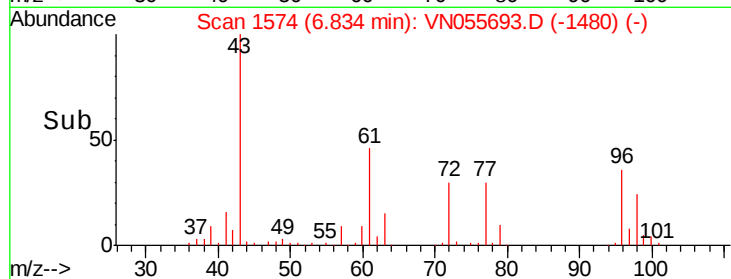
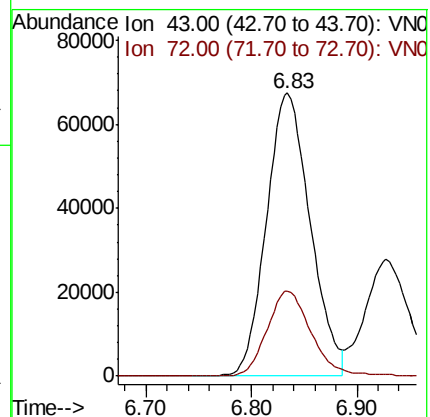
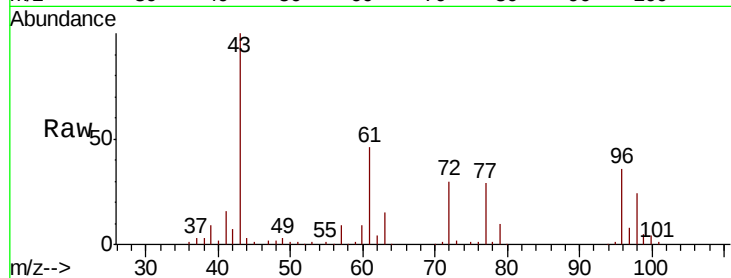
Acq: 21 May 2019 1:08

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

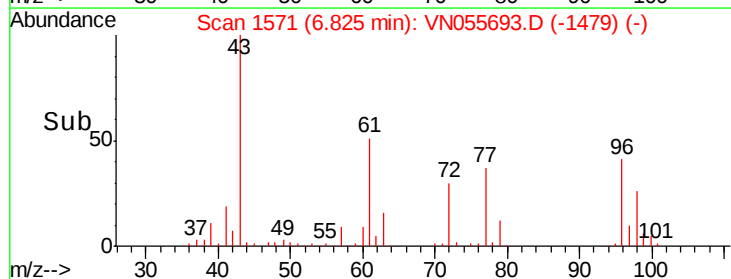
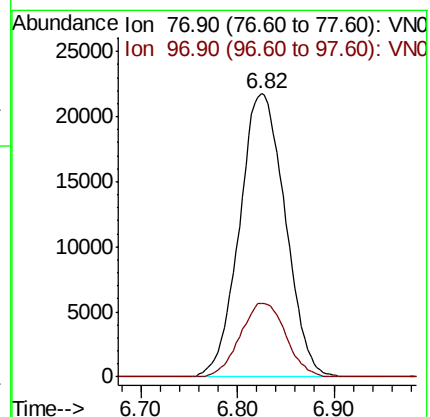
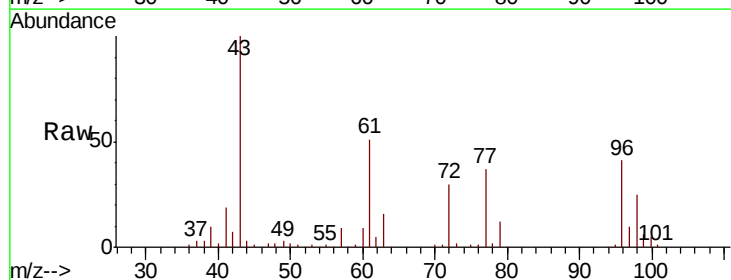
Acq: 21 May 2019 1:08

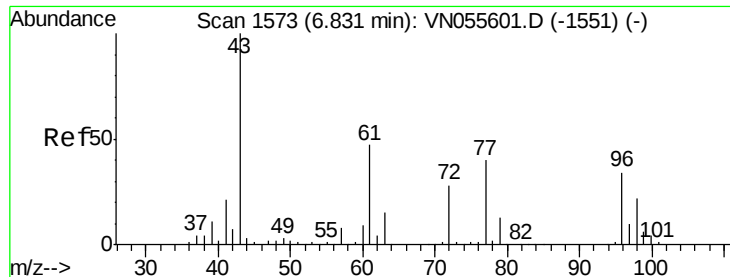
Tgt Ion: 77 Resp: 71454

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

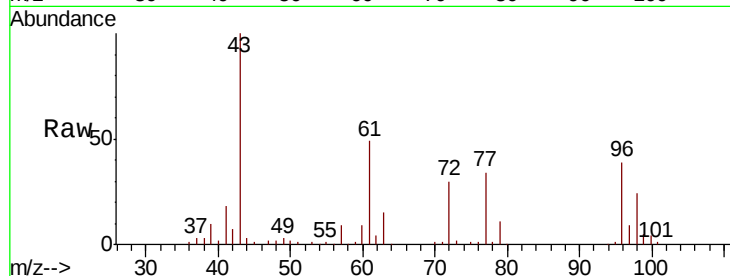
Tot Ion: 96 Resp: 73463

Ion Ratio Lower Upper

96 100

61 127.1 0.0 279.0

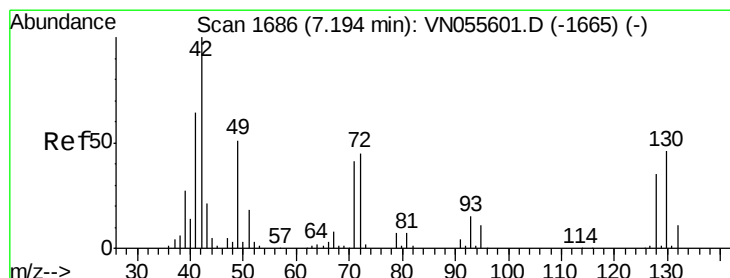
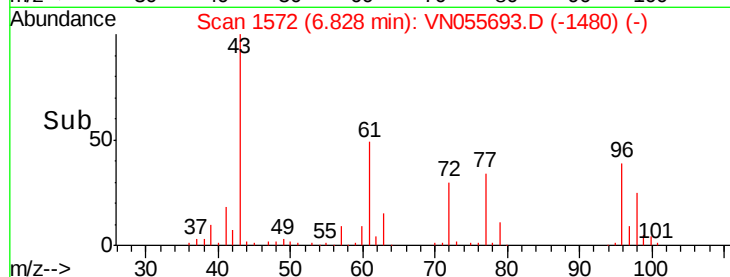
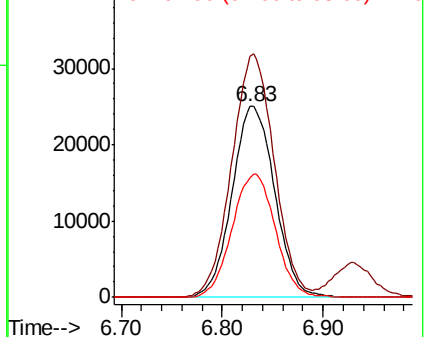
98 65.4 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VN055693.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN055693.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN055693.D (-1480) (-)



#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

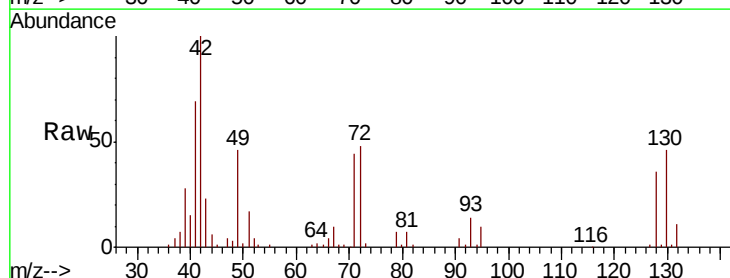
Tgt Ion: 49 Resp: 45459

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

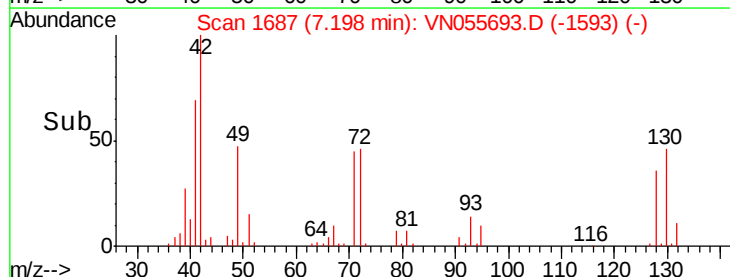
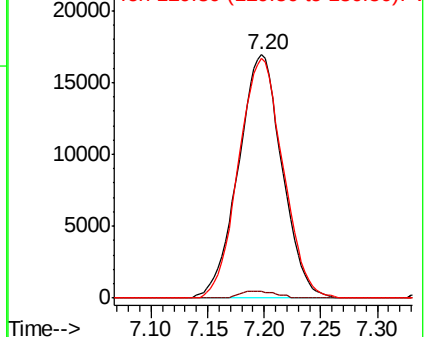
130 100.1 71.0 106.6

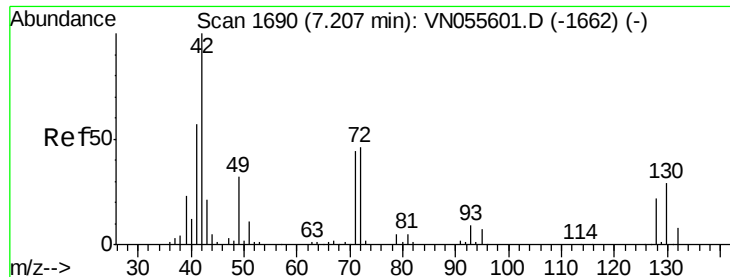


Abundance Ion 48.90 (48.60 to 49.60): VN055693.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN055693.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN055693.D (-1593) (-)





#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

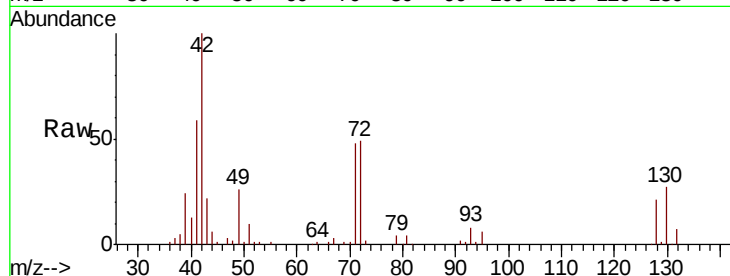
Tot Ion: 42 Resp: 130685

Ion Ratio Lower Upper

42 100

72 48.8 36.5 54.7

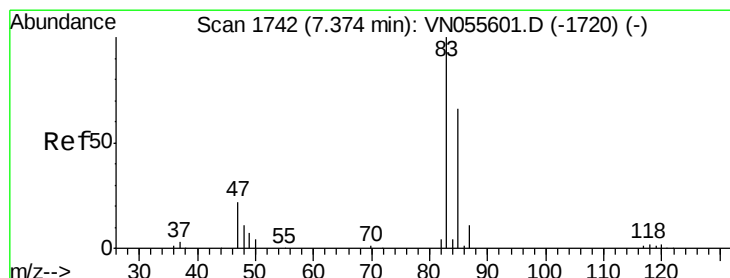
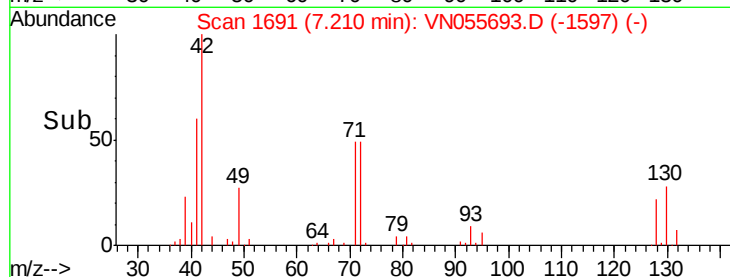
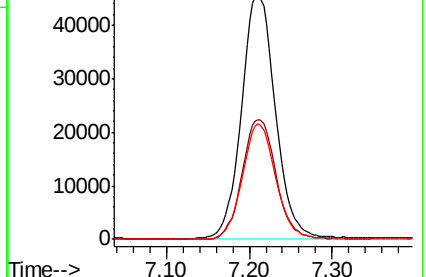
71 46.3 34.9 52.3



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

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

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



#30

Chloroform

Concen: 18.013 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN055693.D

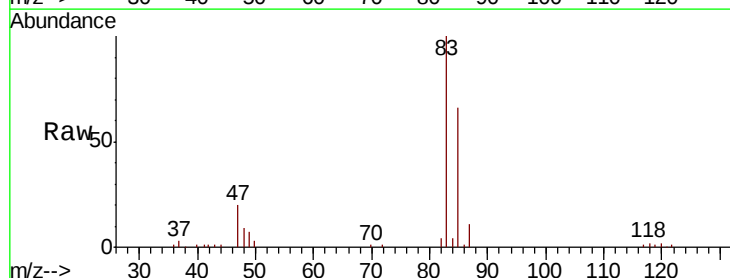
Acq: 21 May 2019 1:08

Tgt Ion: 83 Resp: 112098

Ion Ratio Lower Upper

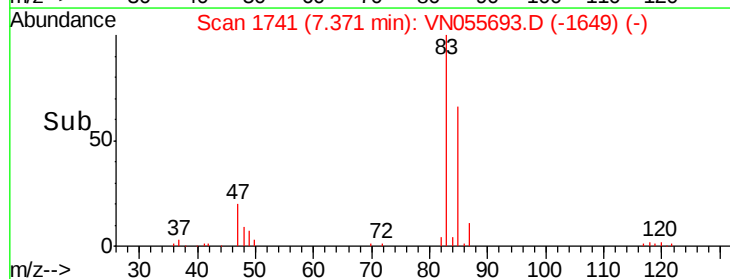
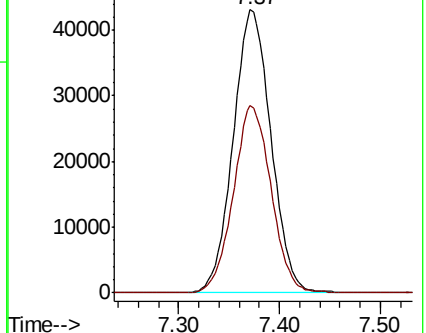
83 100

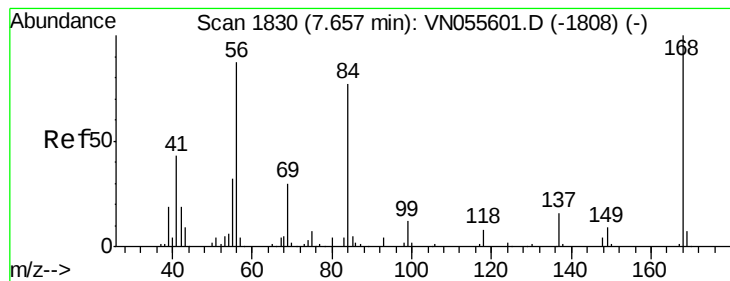
85 66.4 52.6 78.8



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

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





#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

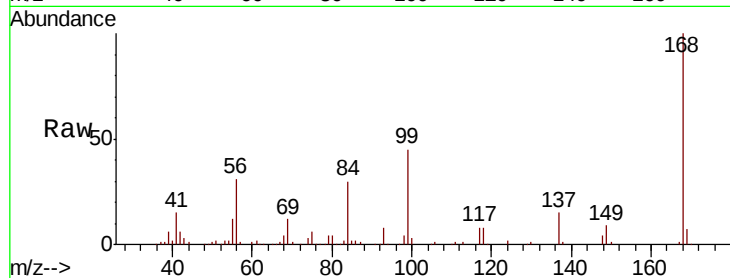
Tot Ion: 56 Resp: 95771

Ion Ratio Lower Upper

56 100

69 38.8 27.2 40.8

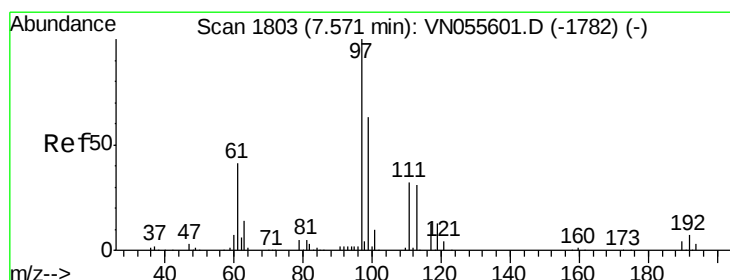
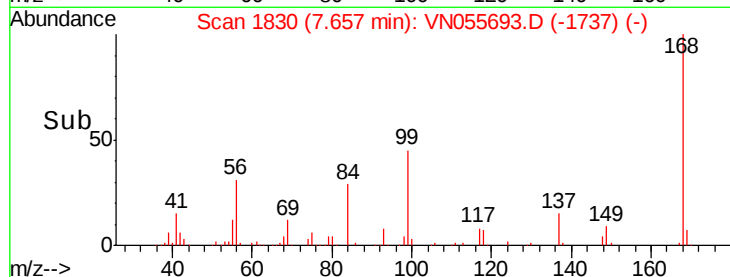
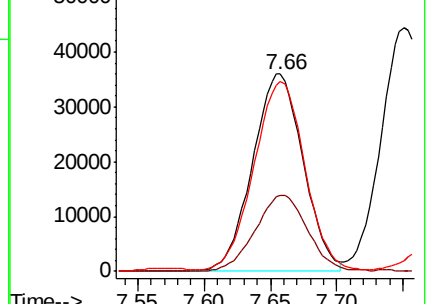
84 95.4 71.3 106.9



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

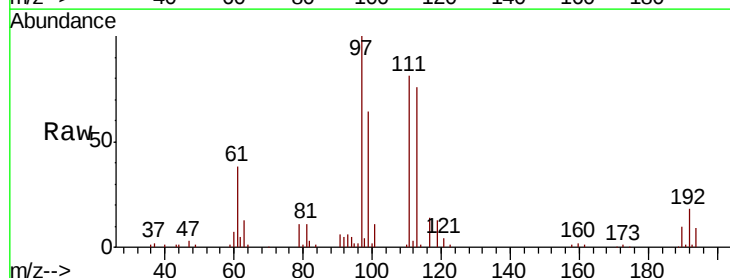
Tgt Ion: 97 Resp: 101849

Ion Ratio Lower Upper

97 100

99 63.1 51.4 77.2

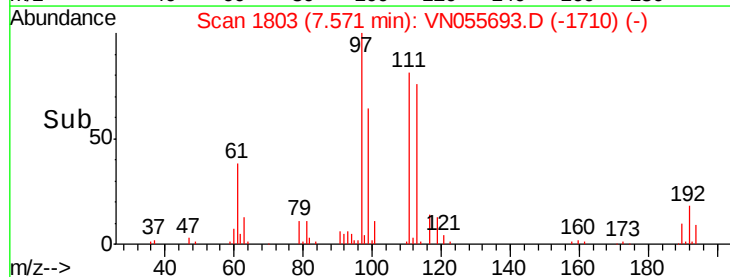
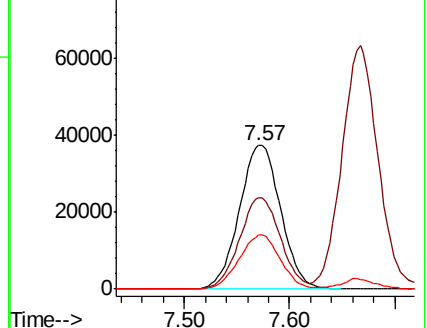
61 37.7 32.9 49.3

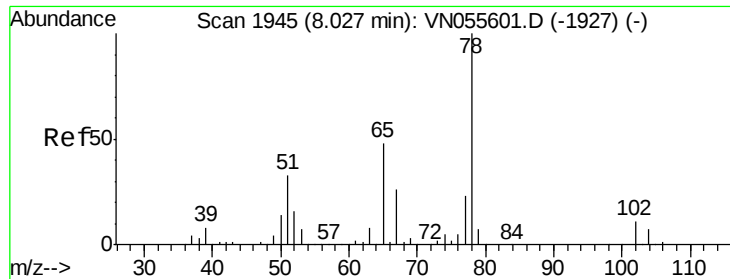


Abundance Ion 96.90 (96.60 to 97.60): VN055601.D (-1782) (-)

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

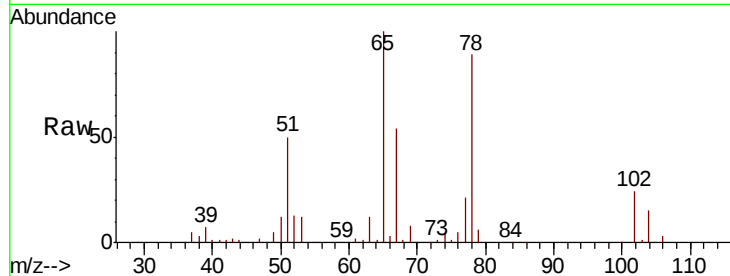
Acq: 21 May 2019 1:08

Tot Ion: 65 Resp: 169032

Ion Ratio Lower Upper

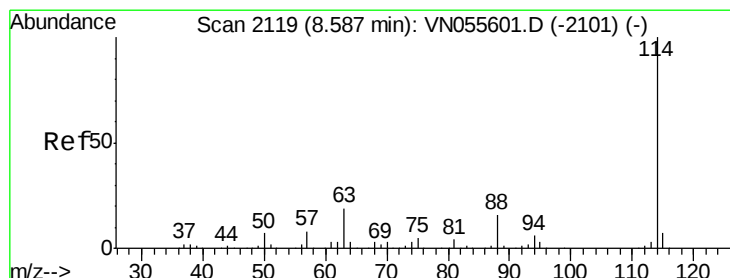
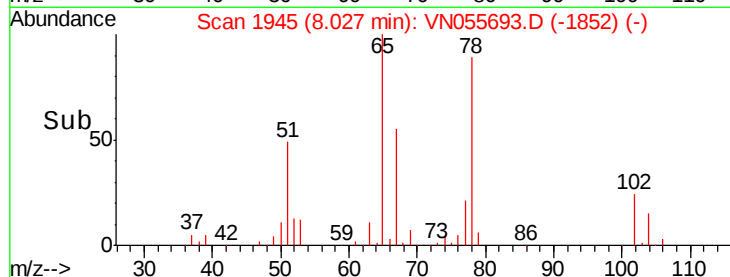
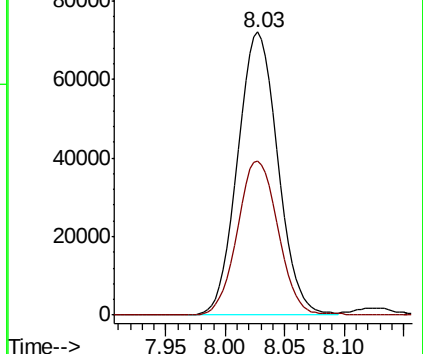
65 100

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



#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

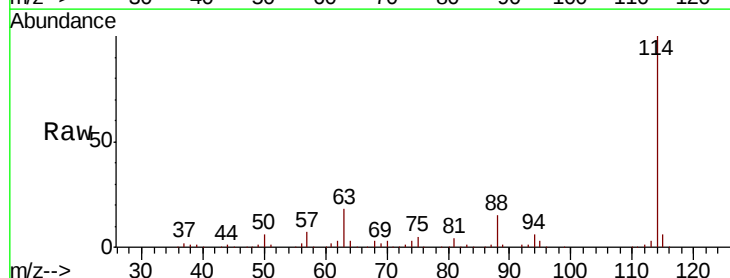
Tgt Ion: 114 Resp: 505813

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.2

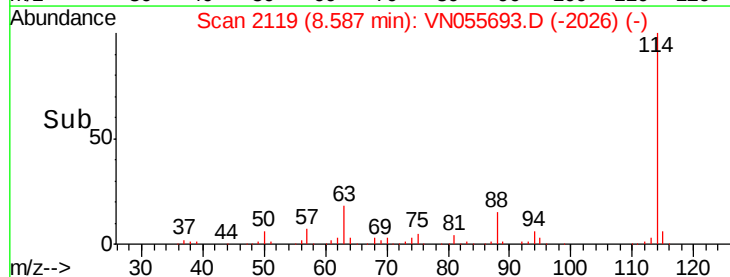
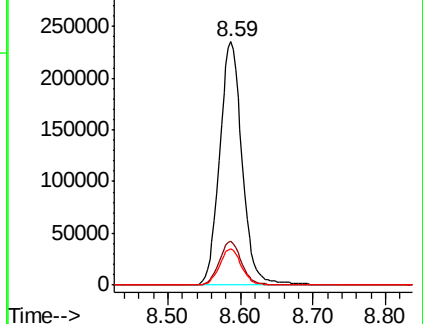
88 14.7 0.0 31.0

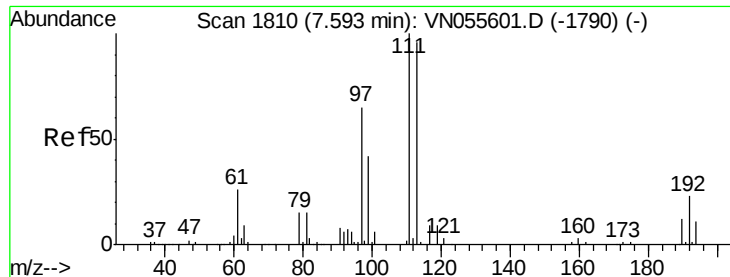


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

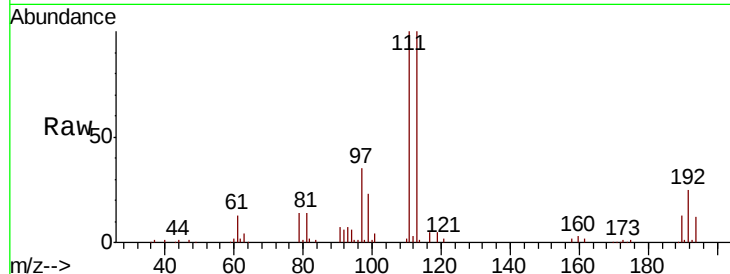
Ion 87.90 (87.60 to 88.60): VN0



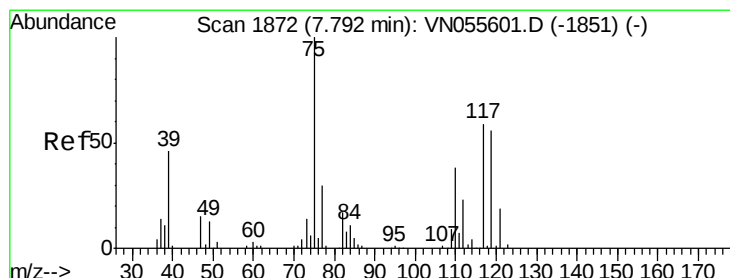
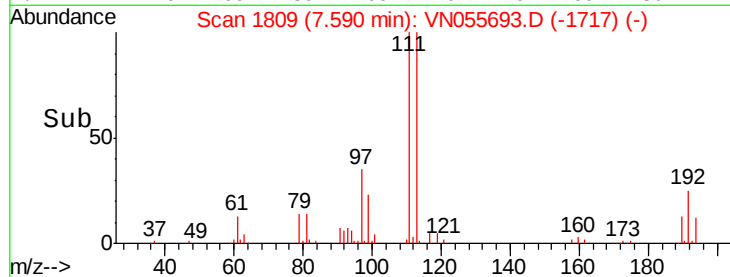
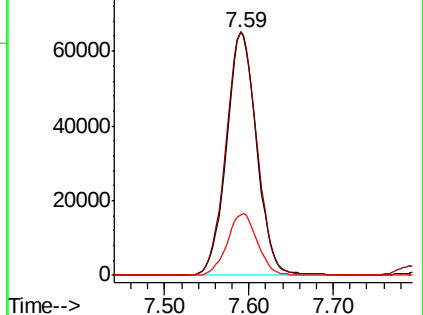


#35
 Dibromofluoromethane
 Concen: 50.236 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.5	123.7
192	25.3	18.7	28.1

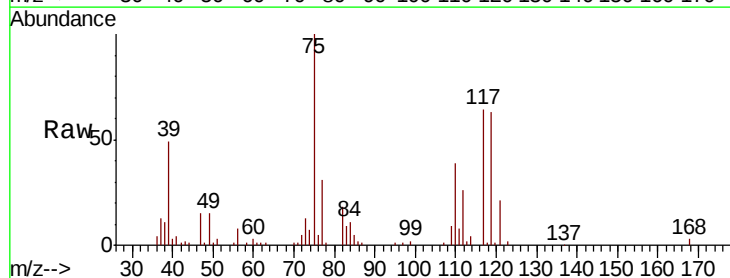


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

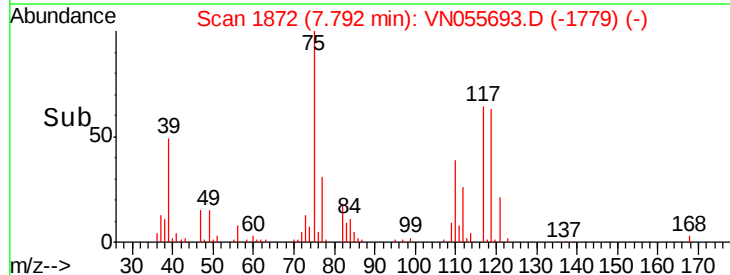
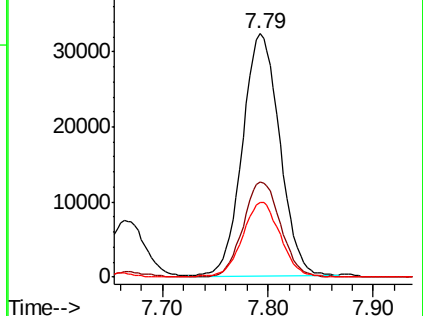


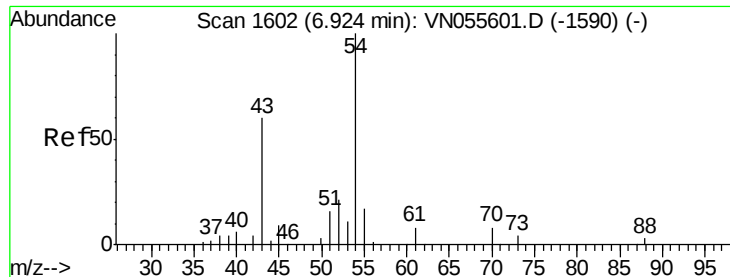
#36
 1,1-Dichloropropene
 Concen: 17.607 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

Tgt Ion	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): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#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

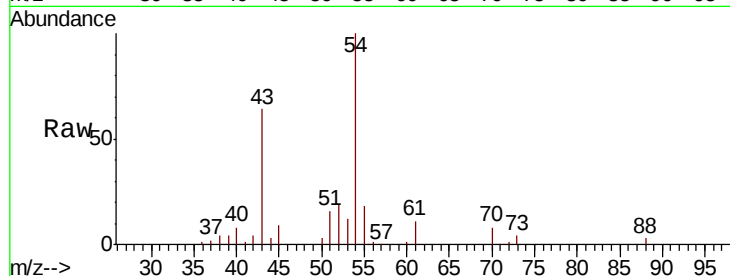
Tot Ion: 43 Resp: 80467

Ion Ratio Lower Upper

43 100

61 15.6 11.4 17.0

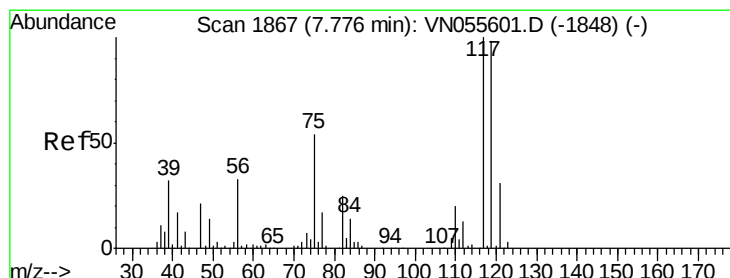
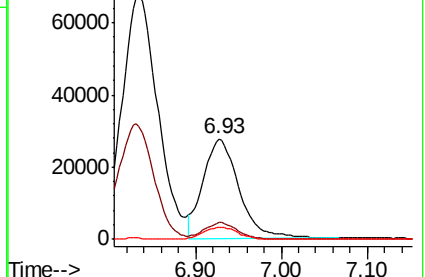
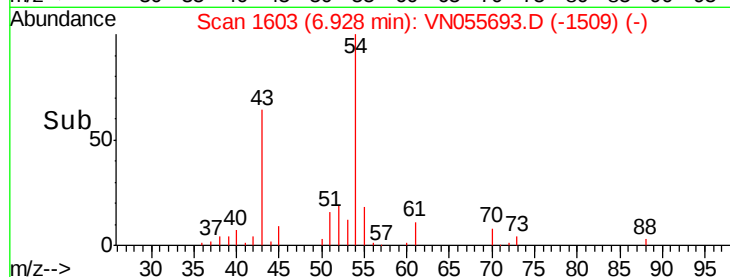
70 11.6 9.2 13.8



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

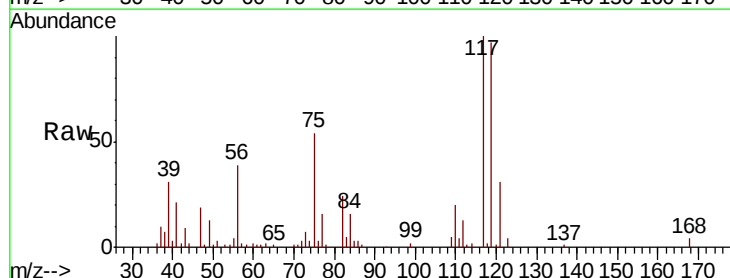
Tgt Ion: 117 Resp: 90593

Ion Ratio Lower Upper

117 100

119 97.2 77.8 116.8

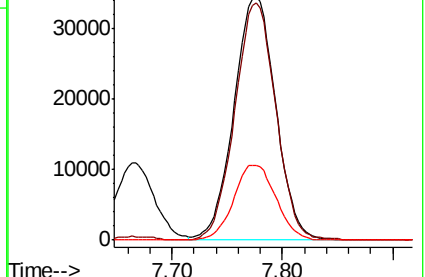
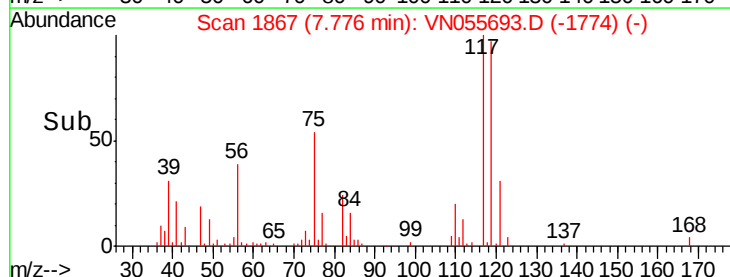
121 30.8 24.6 37.0

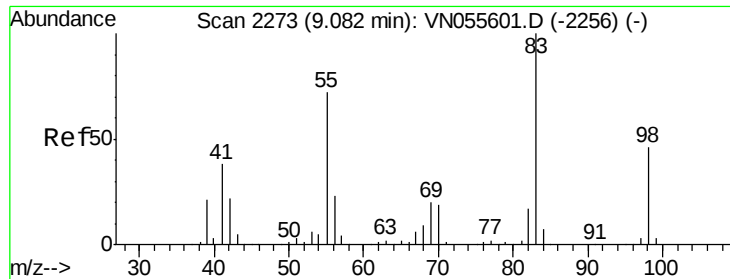


Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)

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

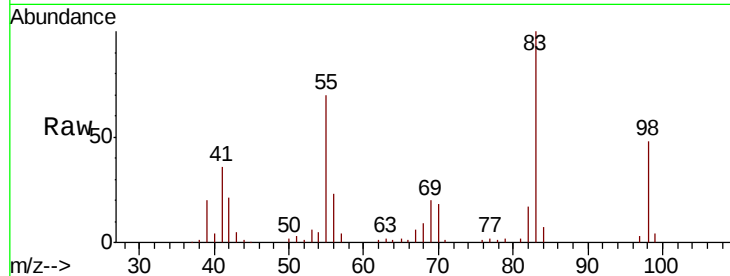
Ion 120.80 (120.50 to 121.50): VN055601.D (-1848) (-)



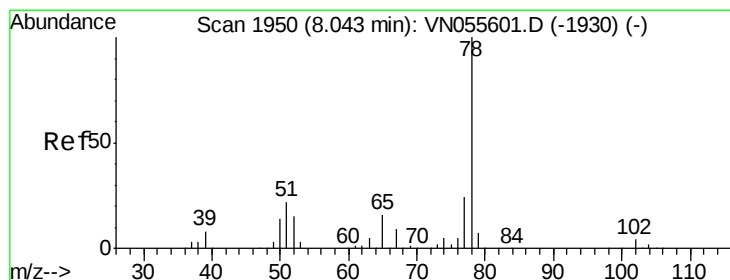
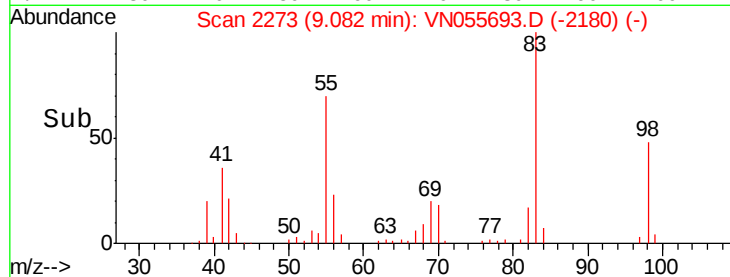
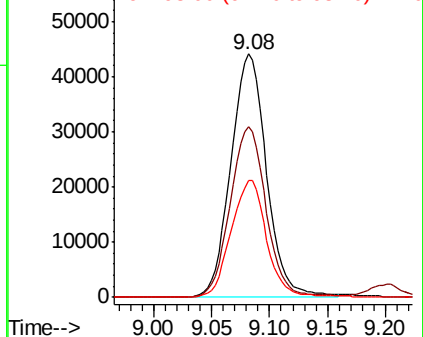


#39
Methvlcvclohexane
Concen: 17.329 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

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

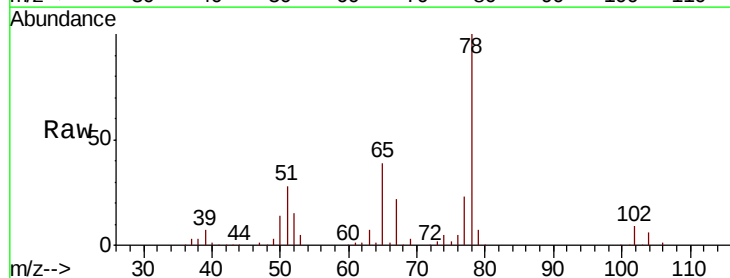


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

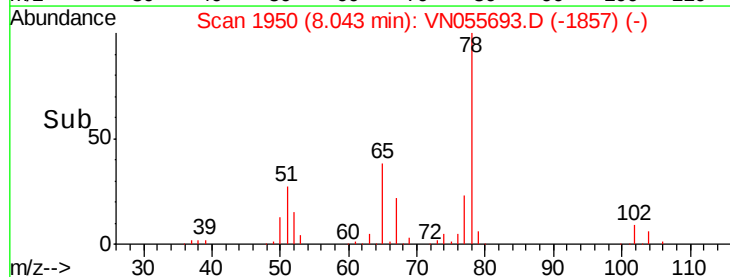
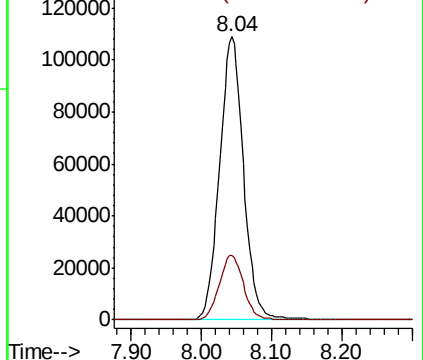


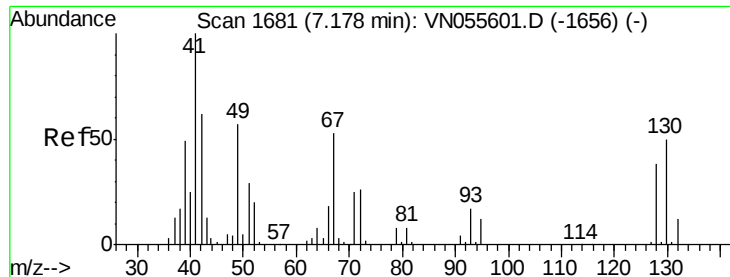
#40
Benzene
Concen: 19.445 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

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: 67.110 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.03 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

Tot Ion: 41 Resp: 116759

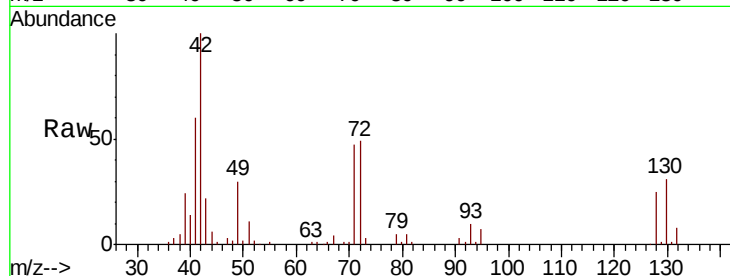
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

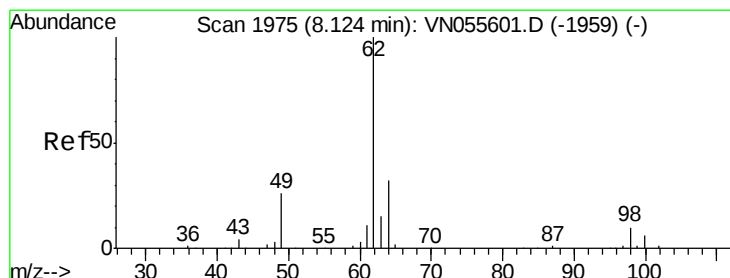
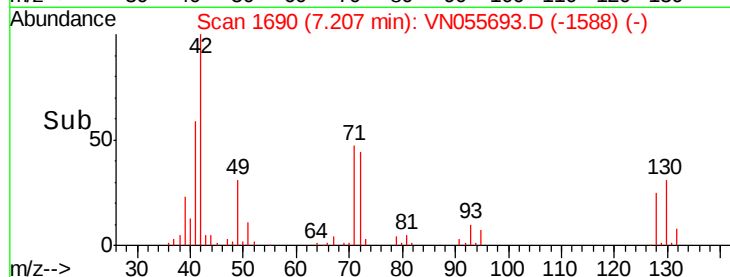
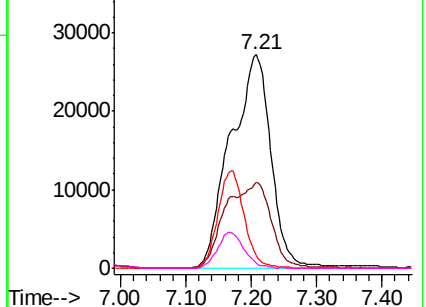


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.389 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN055693.D

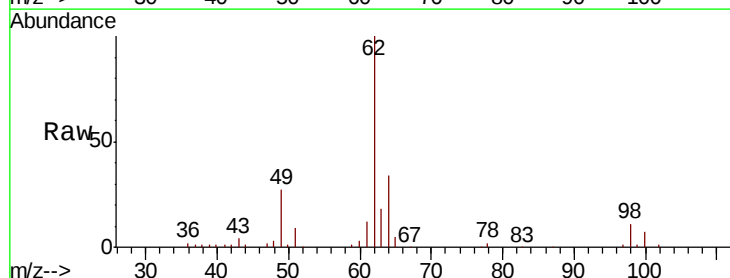
Acq: 21 May 2019 1:08

Tgt Ion: 62 Resp: 83278

Ion Ratio Lower Upper

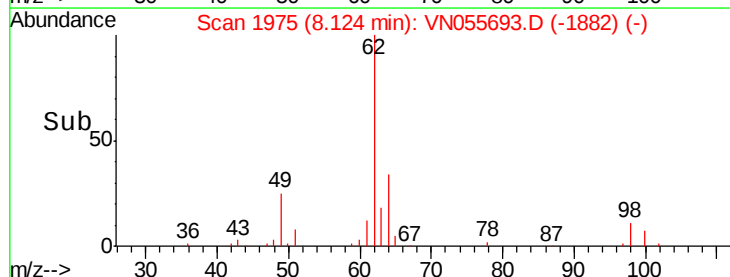
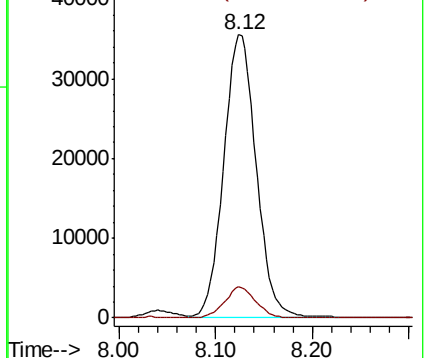
62 100

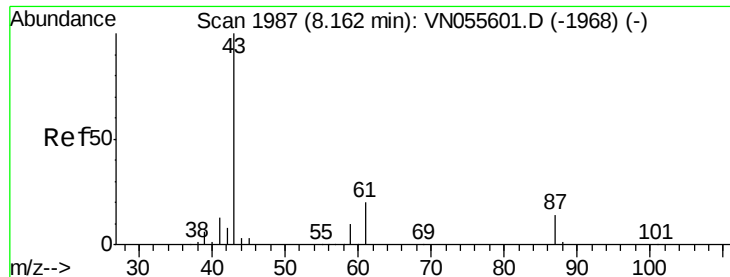
98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#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

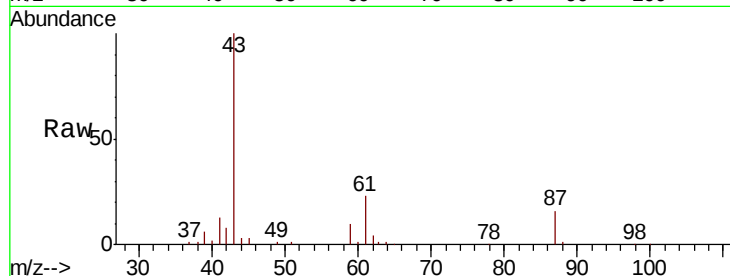
Tot Ion: 43 Resp: 147375

Ion Ratio Lower Upper

43 100

61 26.2 22.1 33.1

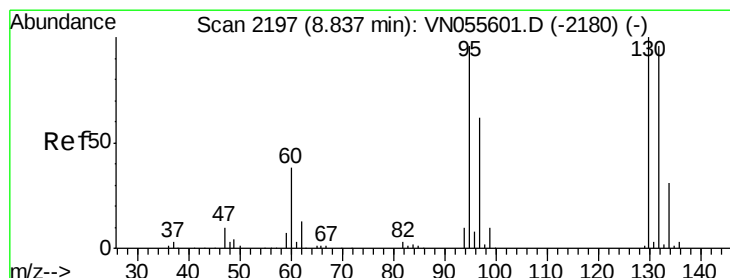
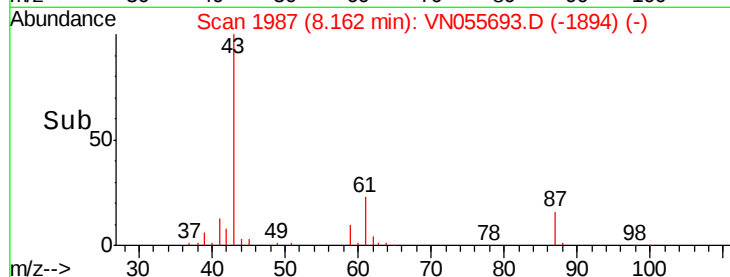
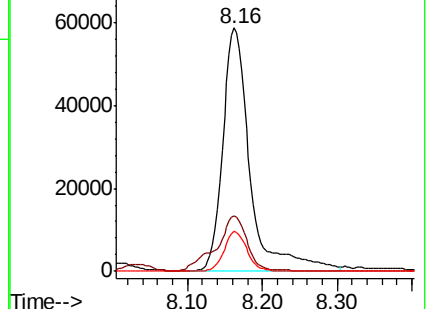
87 14.0 11.8 17.6



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

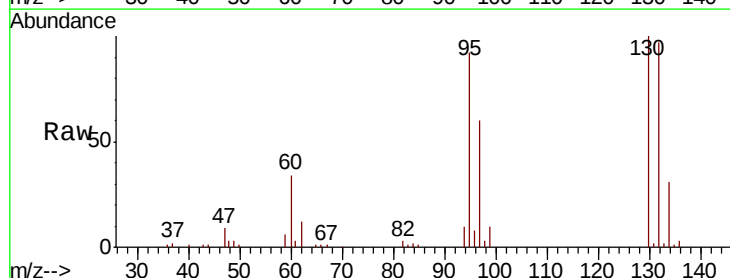
Acq: 21 May 2019 1:08

Tgt Ion: 130 Resp: 74611

Ion Ratio Lower Upper

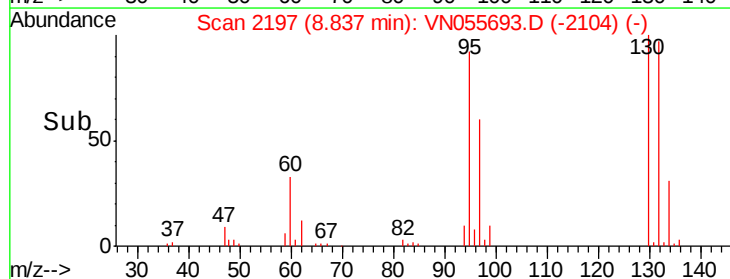
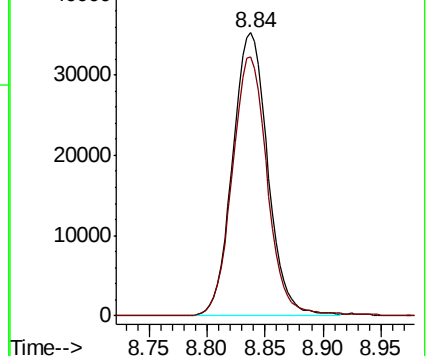
130 100

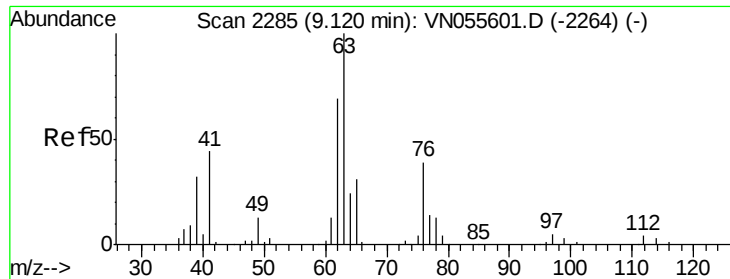
95 91.6 0.0 191.0



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

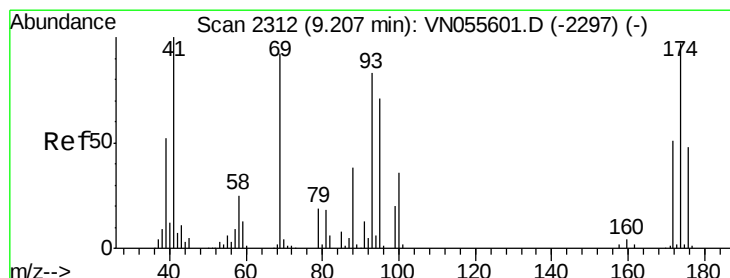
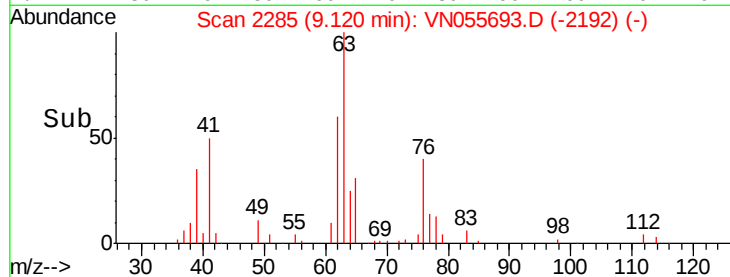
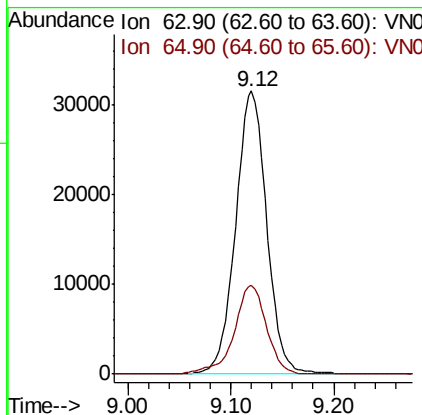
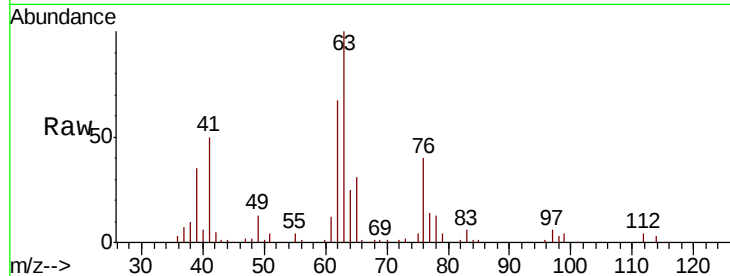
Ion 94.90 (94.60 to 95.60): VN055601.D (-2180) (-)





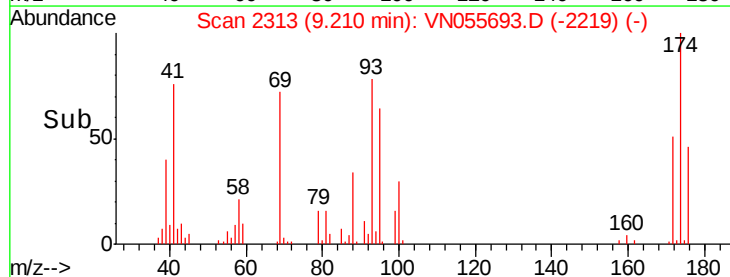
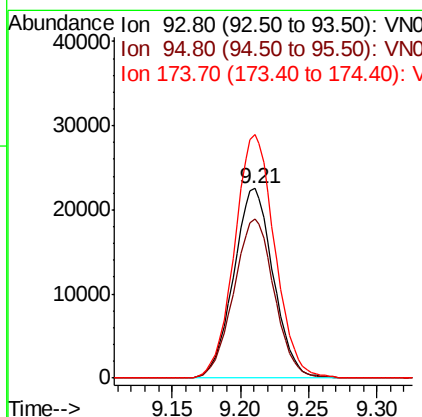
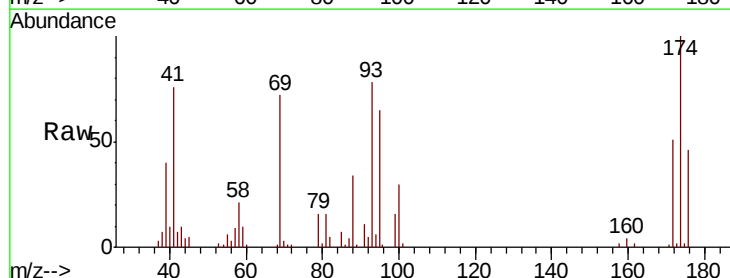
#45
 1,2-Dichloropropane
 Concen: 18.906 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

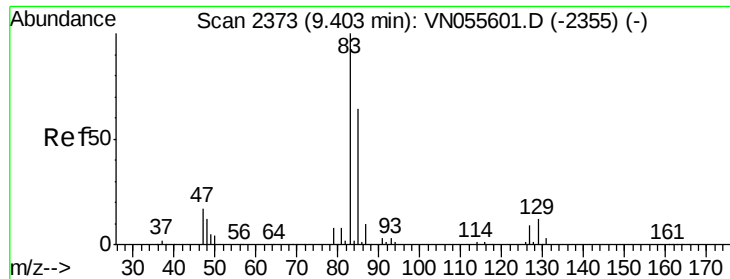
Tot Ion: 63 Resp: 66062
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.2 37.8



#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





#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

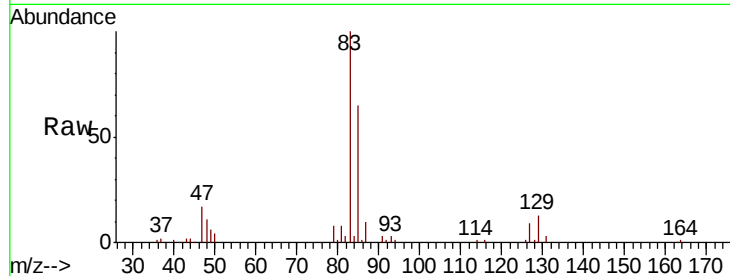
Tot Ion: 83 Resp: 89773

Ion Ratio Lower Upper

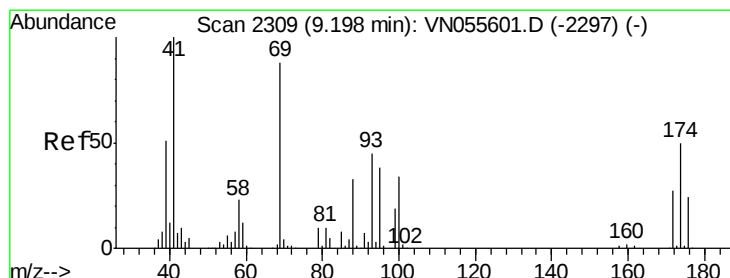
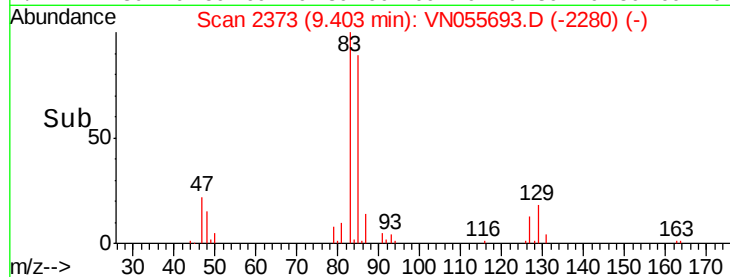
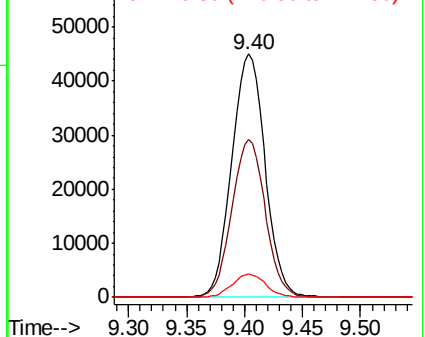
83 100

85 64.8 51.4 77.0

127 9.4 7.1 10.7



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



#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

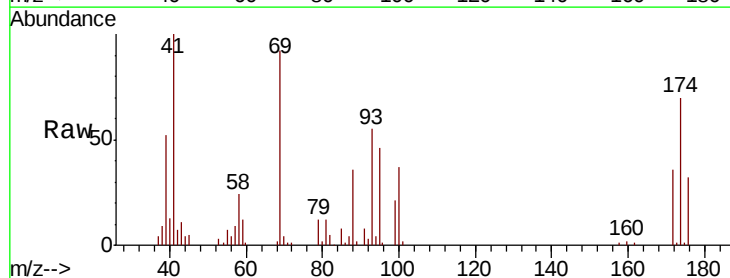
Tgt Ion: 41 Resp: 59589

Ion Ratio Lower Upper

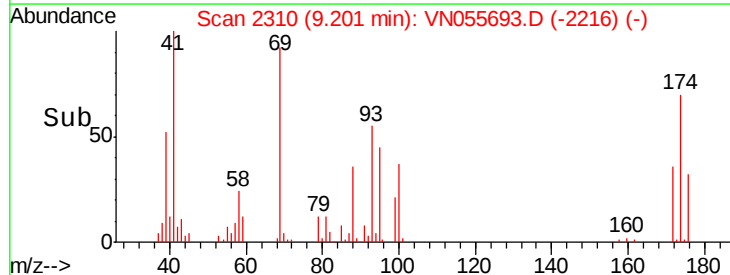
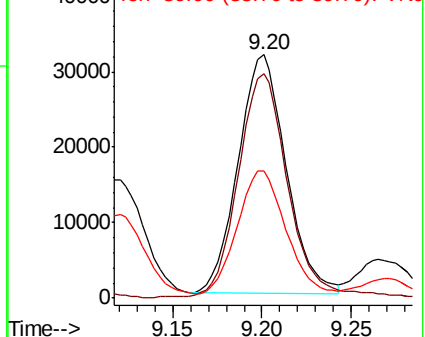
41 100

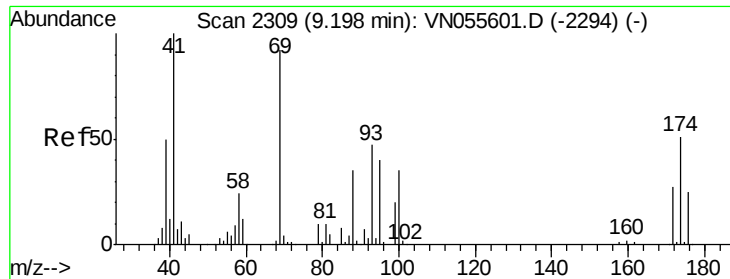
69 98.8 74.2 111.2

39 56.1 43.8 65.8



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





#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

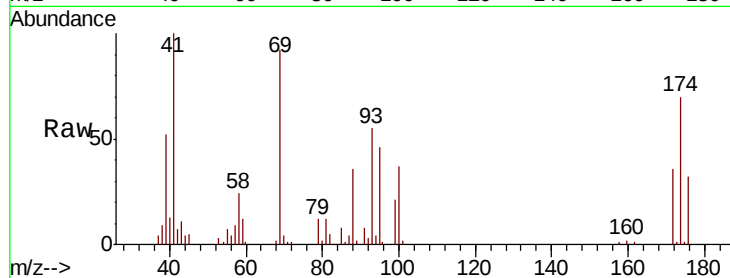
Tot Ion: 88 Resp: 28748

Ion Ratio Lower Upper

88 100

43 25.8 22.4 33.6

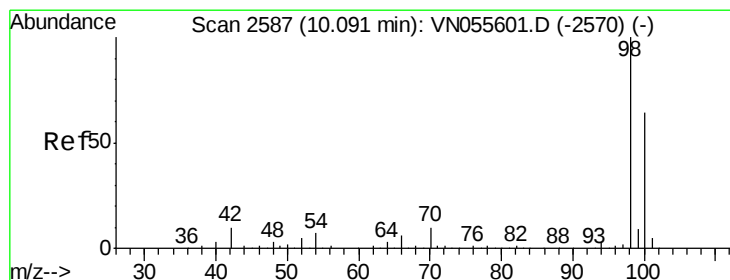
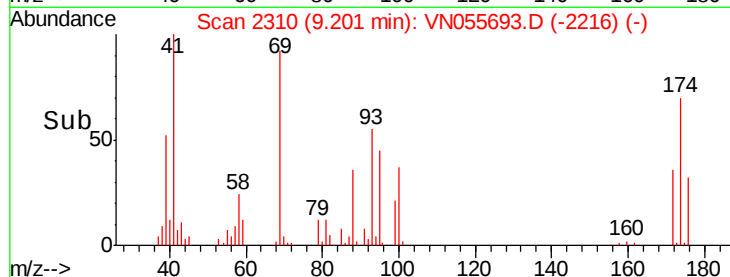
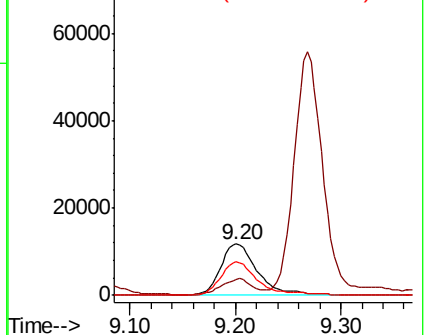
58 65.7 53.4 80.2



Abundance Ion 88.00 (87.70 to 88.70): VN055693.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN055693.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN055693.D (-2216) (-)



#50

Toluene-d8

Concen: 47.948 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055693.D

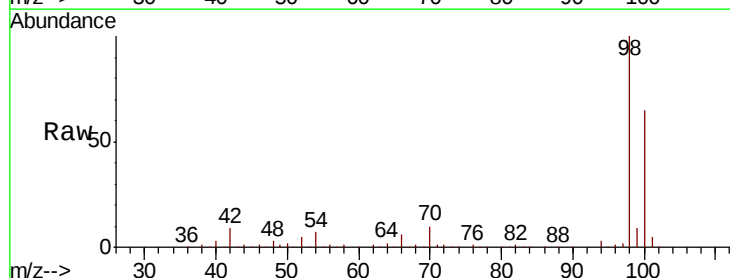
Acq: 21 May 2019 1:08

Tgt Ion: 98 Resp: 582539

Ion Ratio Lower Upper

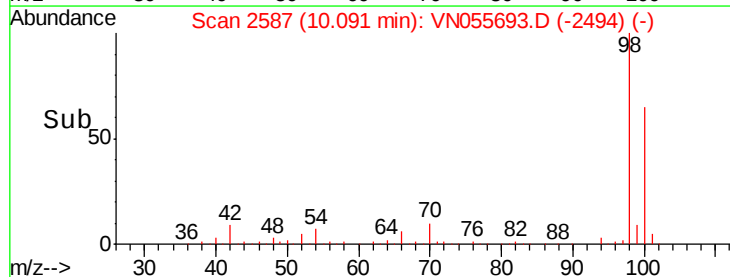
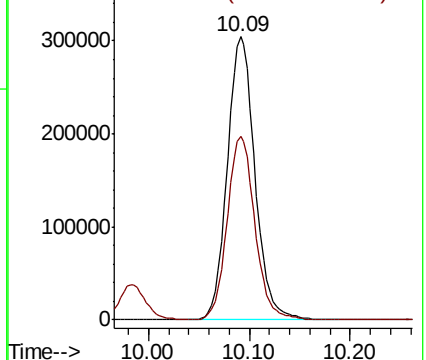
98 100

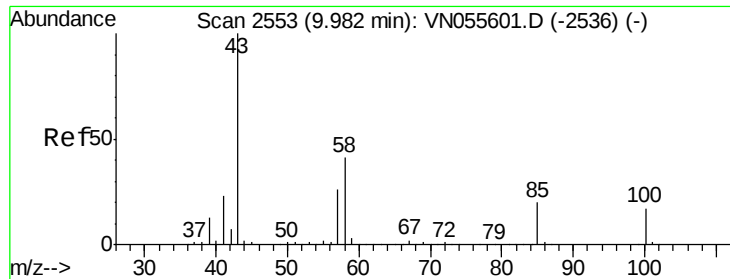
100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055693.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055693.D (-2494) (-)





#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

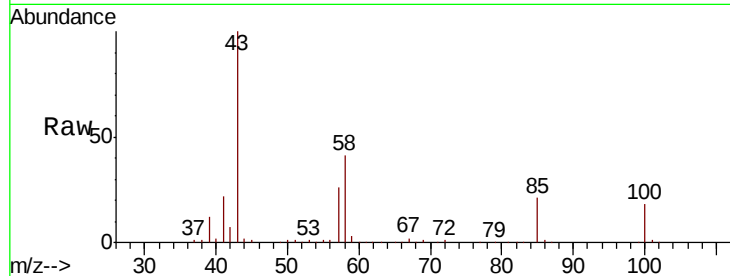
Acq: 21 May 2019 1:08

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) (-)

250000

200000

150000

100000

50000

0

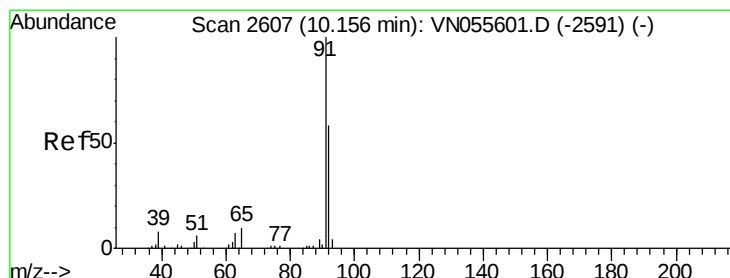
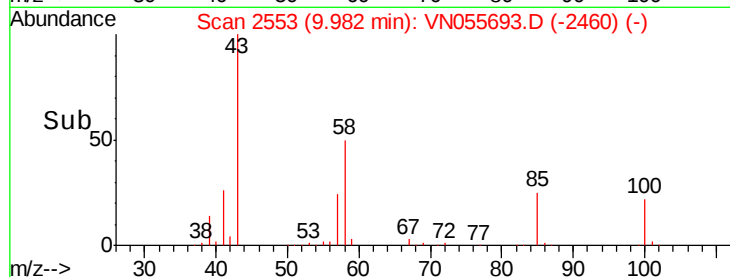
9.90

9.98

10.00

10.10

Time-->



#52

Toluene

Concen: 19.829 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055693.D

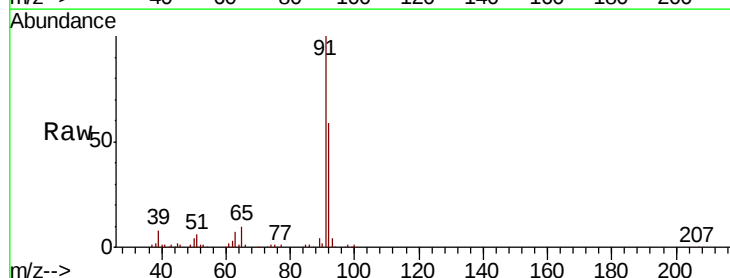
Acq: 21 May 2019 1:08

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) (-)

150000

100000

50000

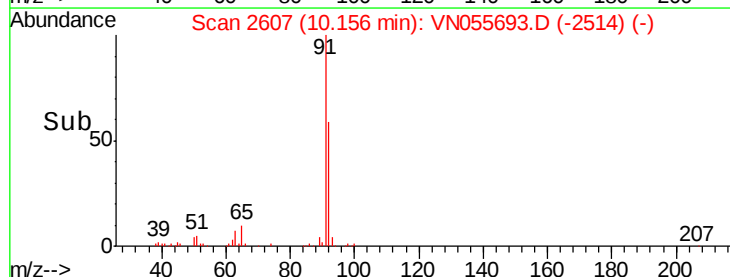
0

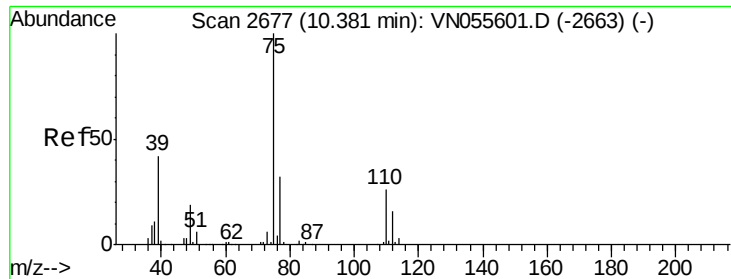
10.10

10.16

10.20

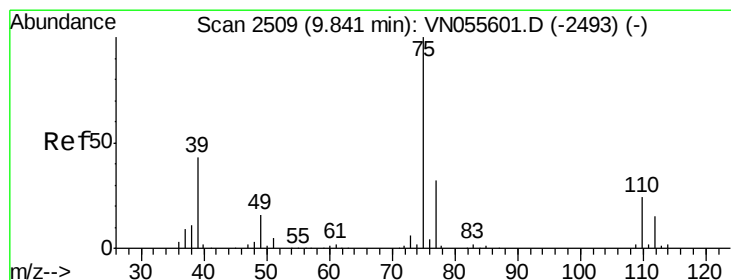
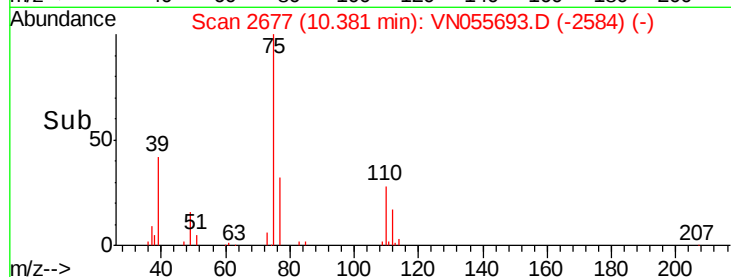
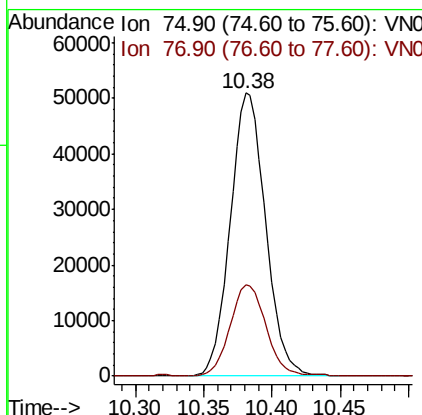
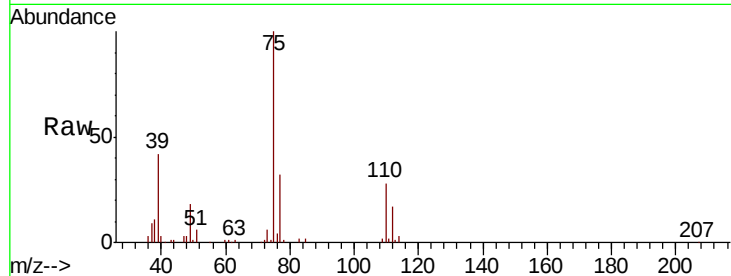
Time-->





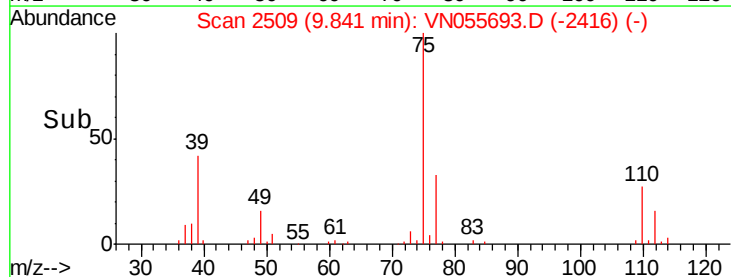
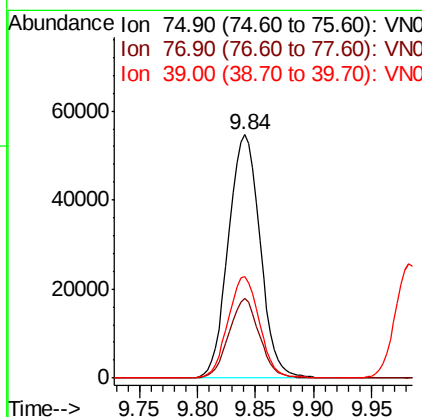
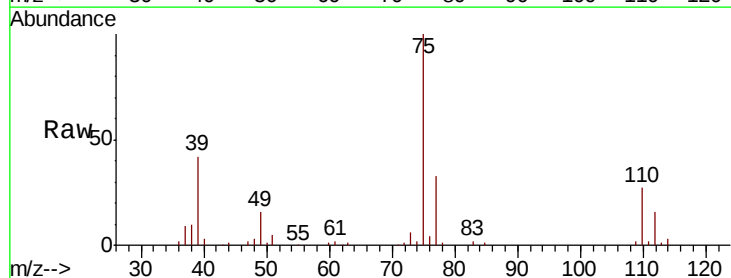
#53
t-1,3-Dichloropropene
Concen: 17.759 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

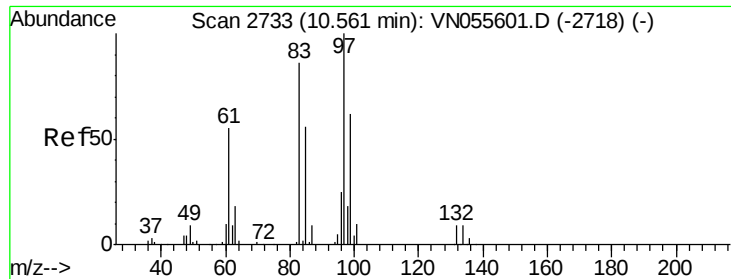
Tot Ion: 75 Resp: 91620
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#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

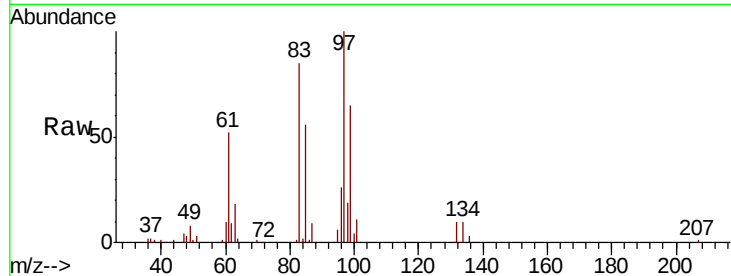
Tgt Ion: 75 Resp: 103700
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
39 41.7 34.7 52.1



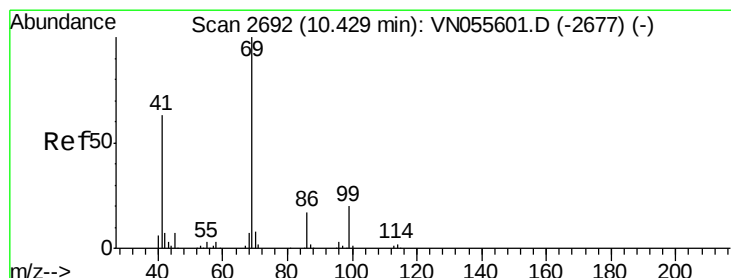
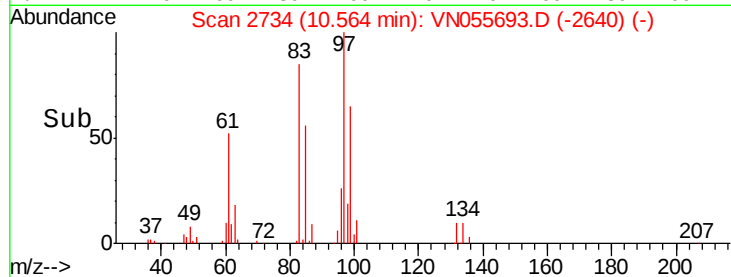
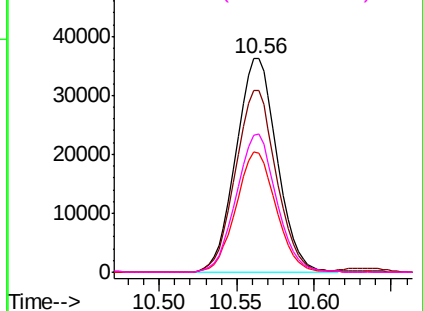


#55
 1,1,2-Trichloroethane
 Concen: 19.564 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

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

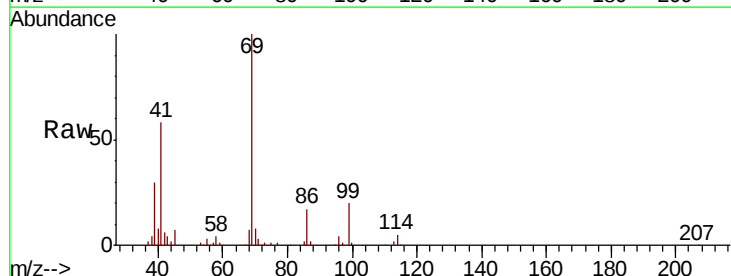


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

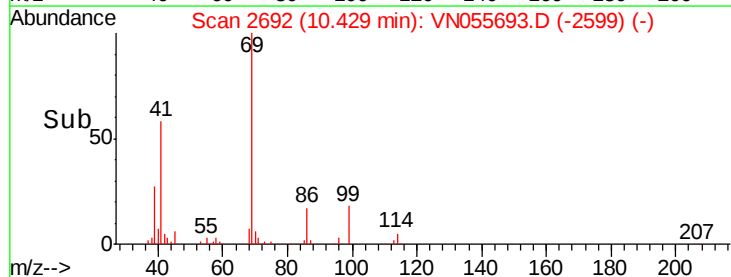
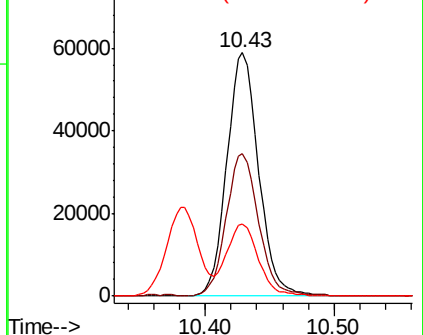


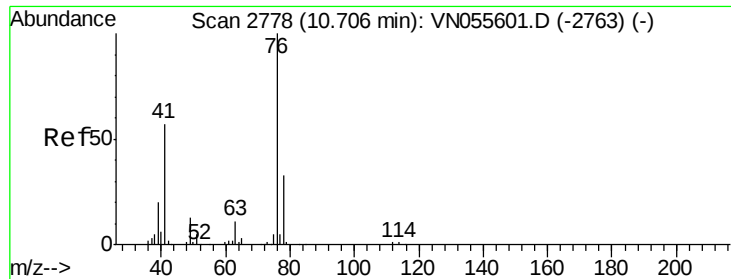
#56
 Ethyl methacrylate
 Concen: 18.804 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

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



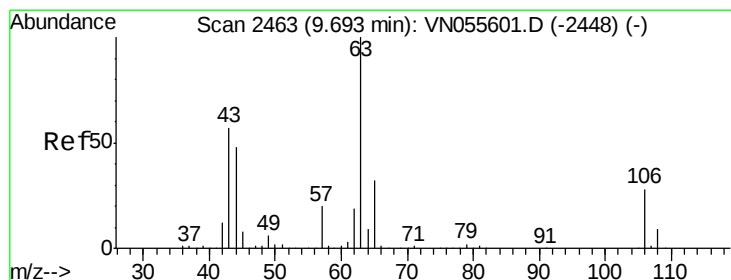
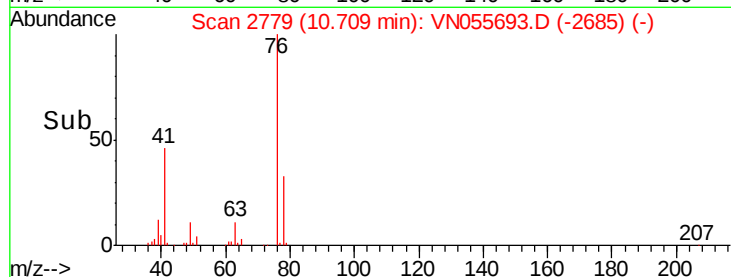
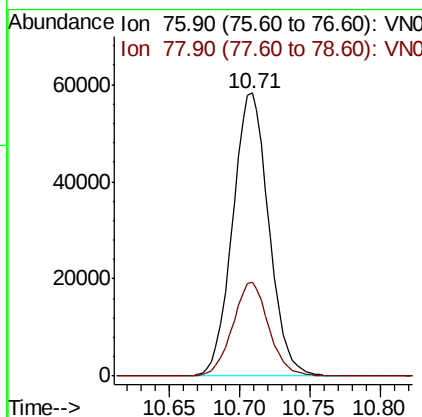
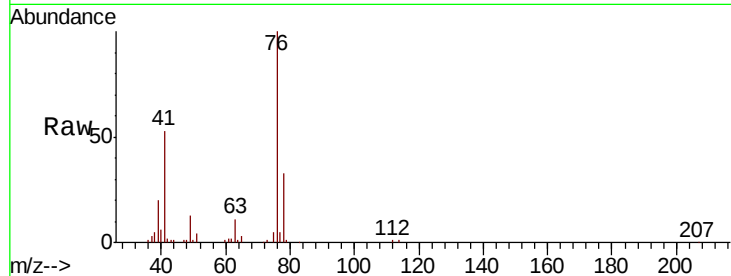
Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





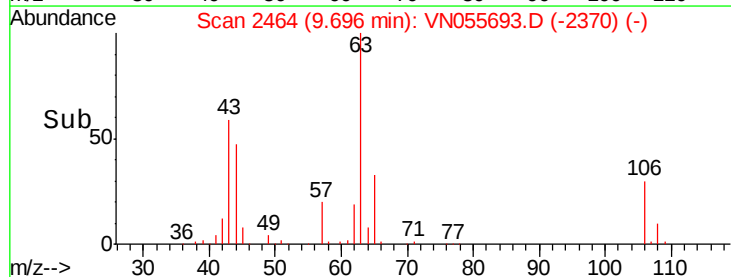
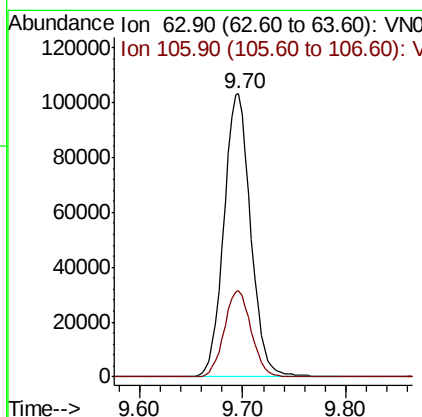
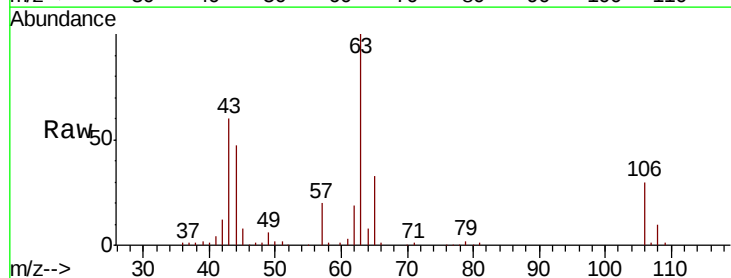
#57
 1,3-Dichloropropane
 Concen: 19.259 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

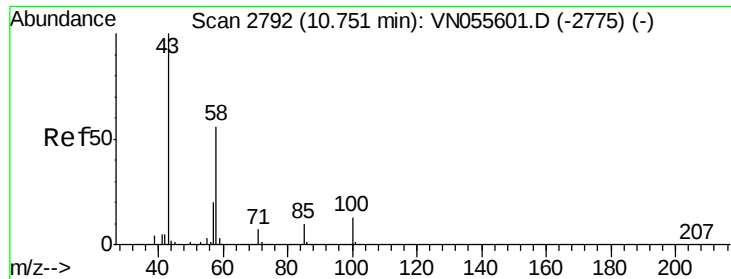
Tot Ion: 76 Resp: 104469
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.5 39.7



#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

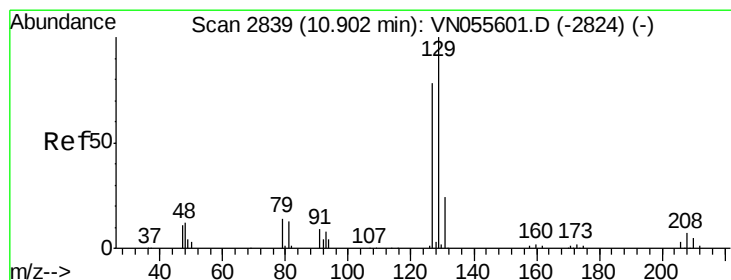
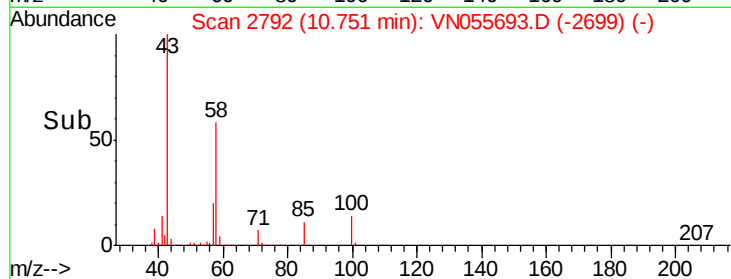
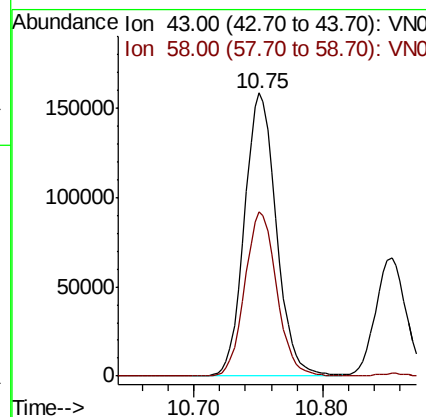
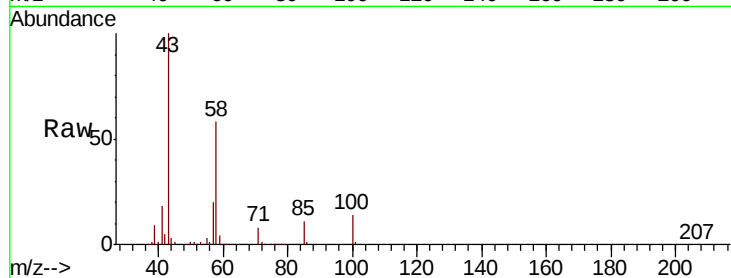
Tgt Ion: 63 Resp: 187135
 Ion Ratio Lower Upper
 63 100
 106 30.5 23.0 34.6





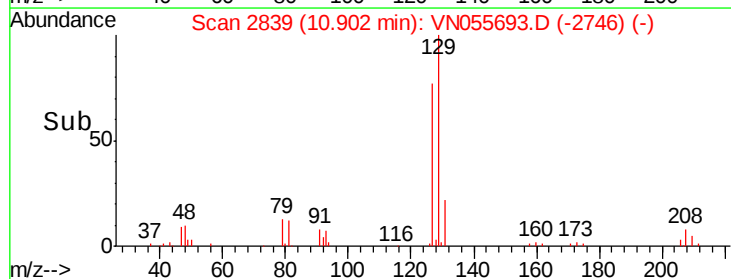
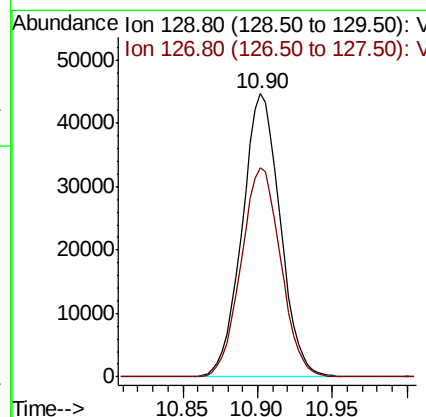
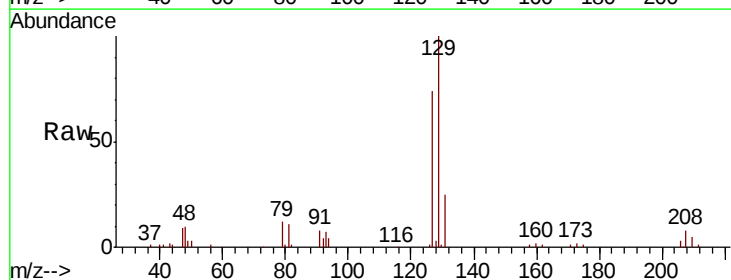
#59
2-Hexanone
Concen: 93.437 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

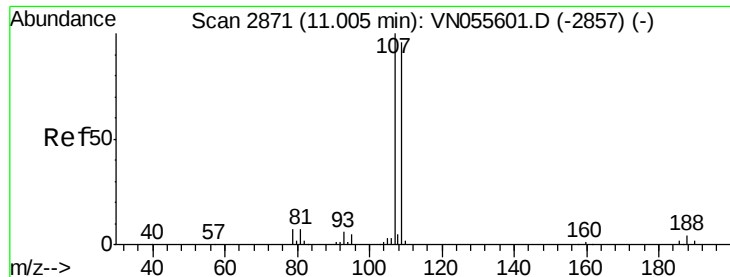
Tot Ion: 43 Resp: 273151
Ion Ratio Lower Upper
43 100
58 58.1 28.1 84.4



#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

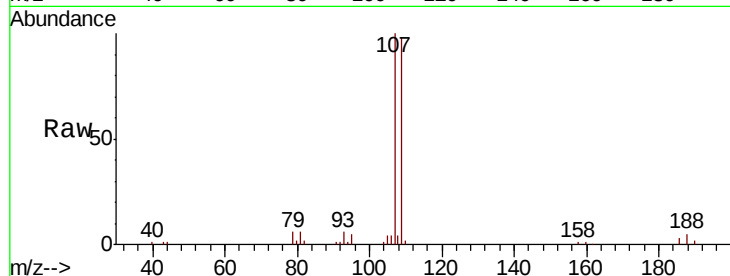
Acq: 21 May 2019 1:08

Tot Ion: 107 Resp: 69237

Ion Ratio Lower Upper

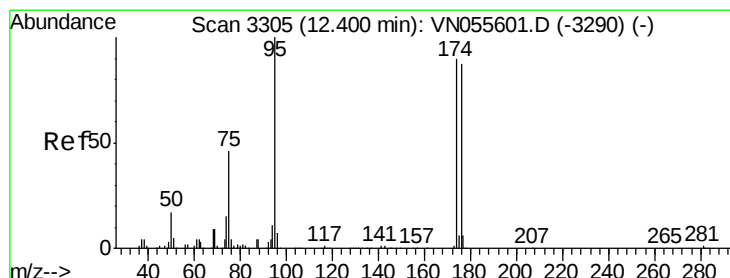
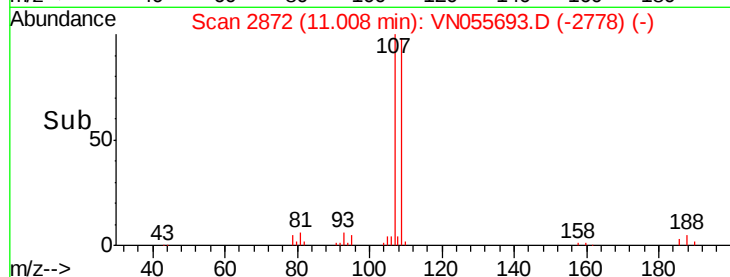
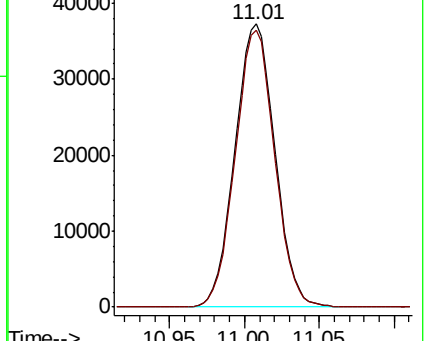
107 100

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

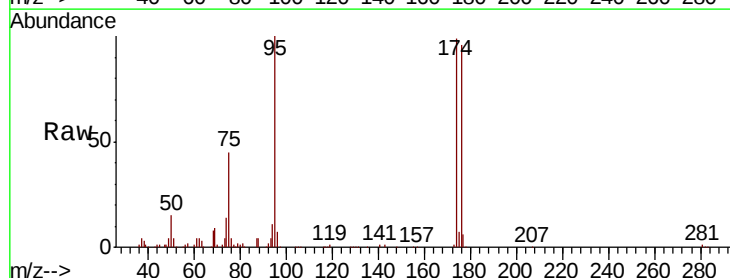
Tgt Ion: 95 Resp: 194812

Ion Ratio Lower Upper

95 100

174 98.6 0.0 180.6

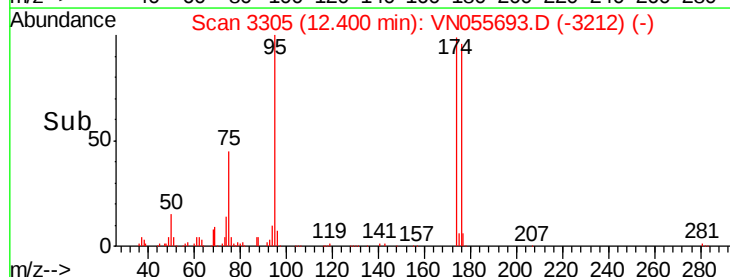
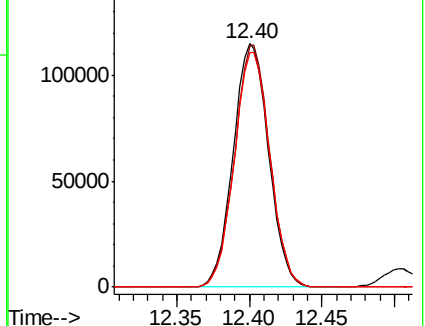
176 96.6 0.0 177.4

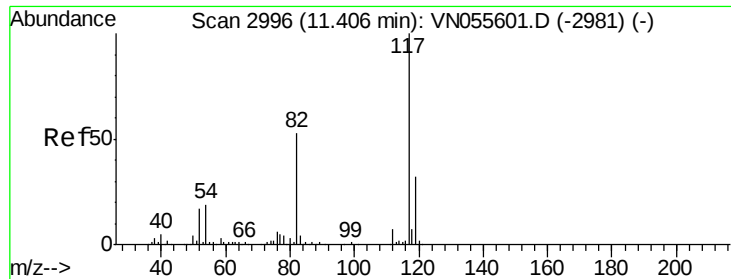


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

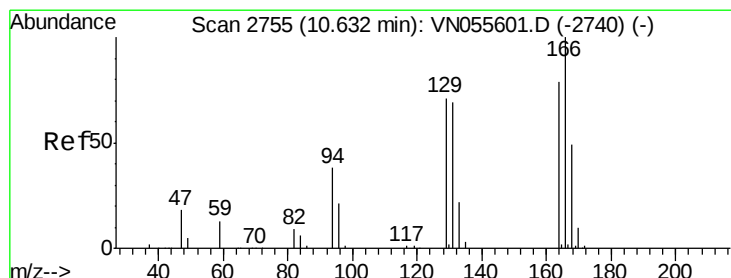
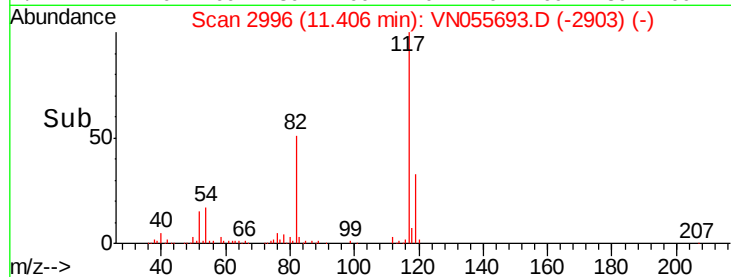
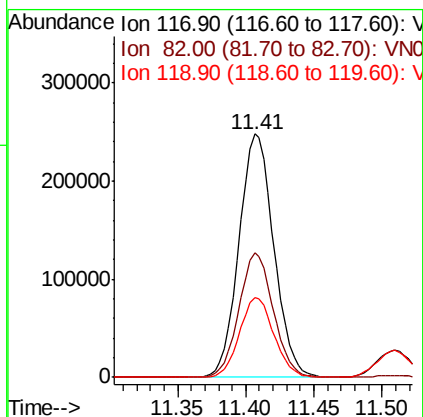
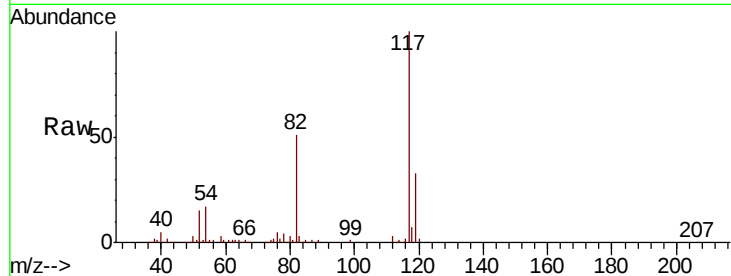
Ion 175.80 (175.50 to 176.50): V





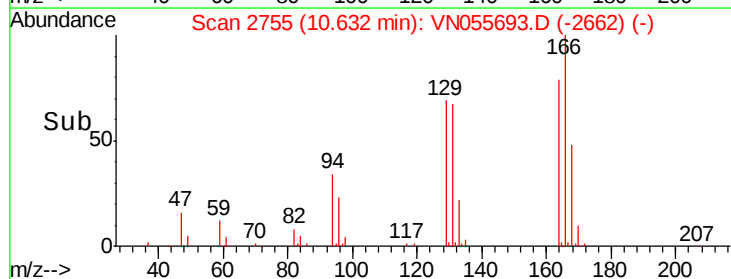
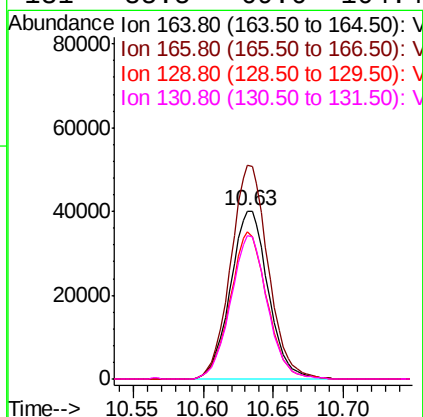
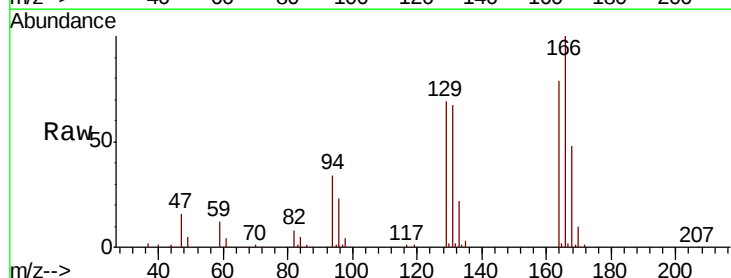
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

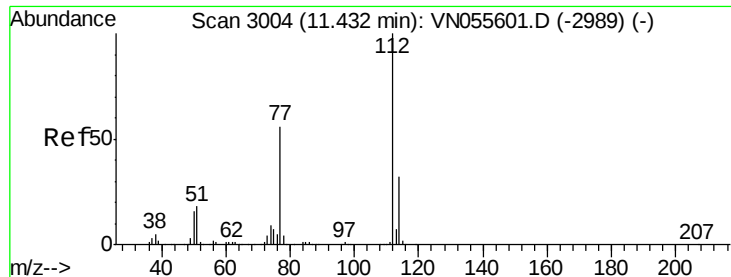
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.3	63.5
119	32.7	25.4	38.2



#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

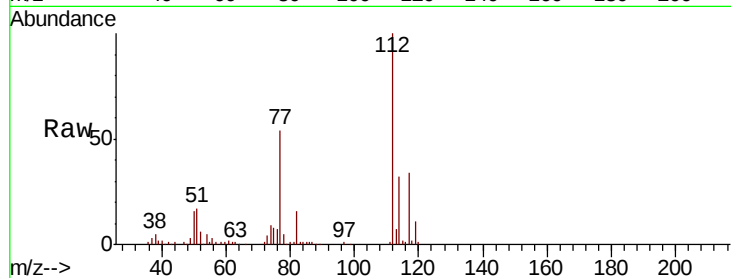
Acq: 21 May 2019 1:08

Tot Ion:112 Resp: 175041

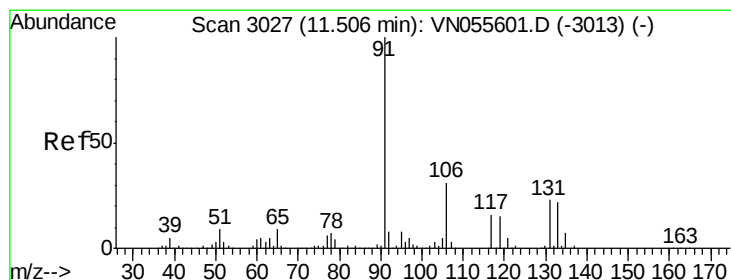
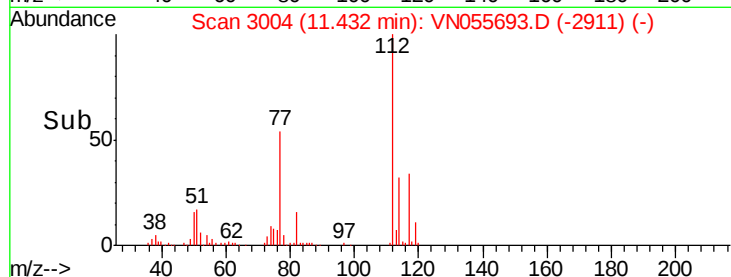
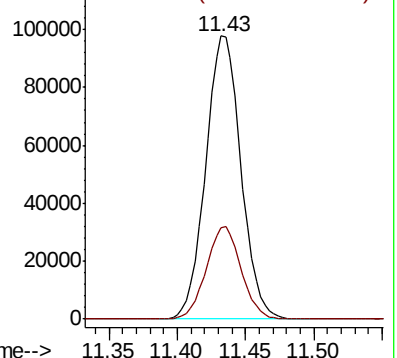
Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V



#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

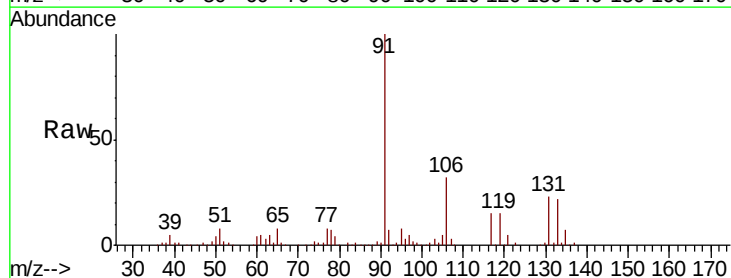
Tgt Ion:131 Resp: 72979

Ion Ratio Lower Upper

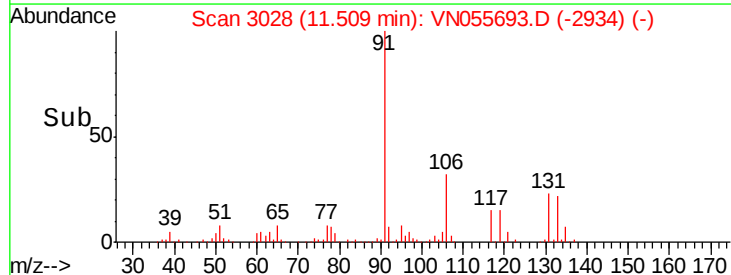
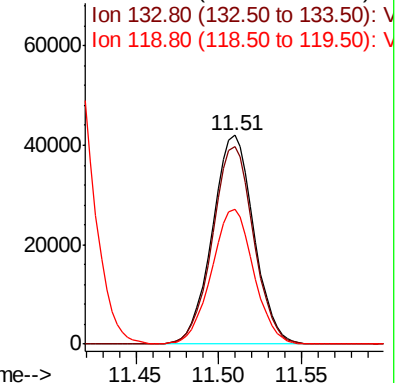
131 100

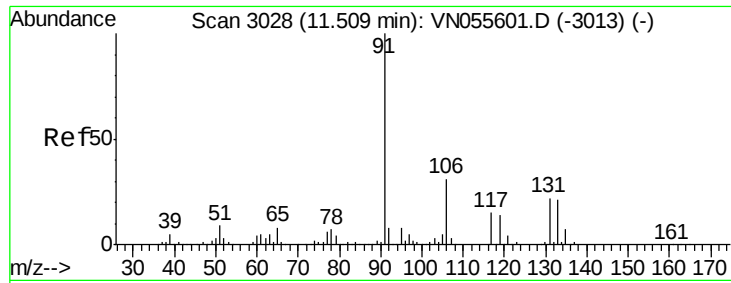
133 94.1 47.8 143.4

119 65.4 33.3 99.8



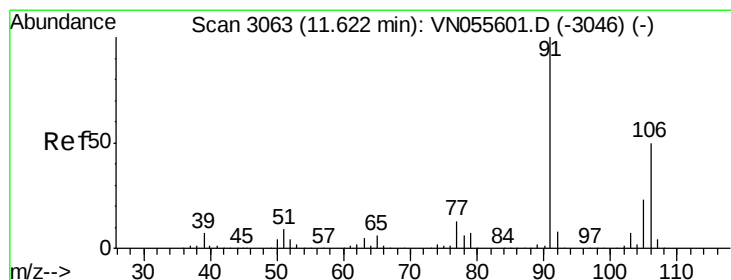
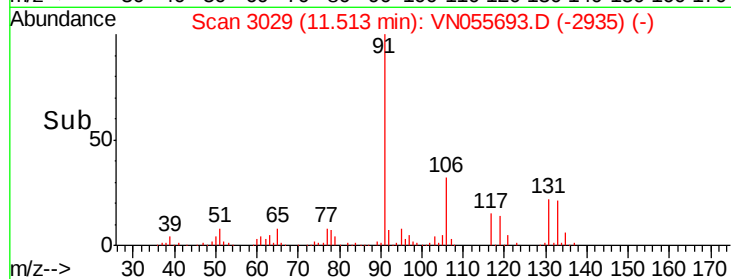
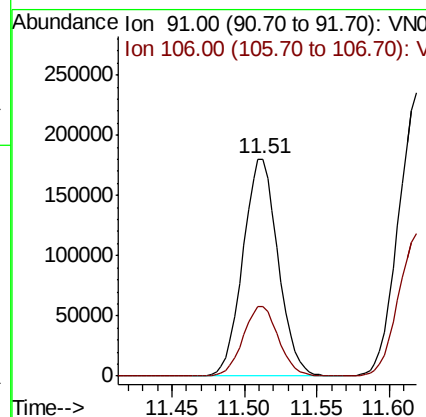
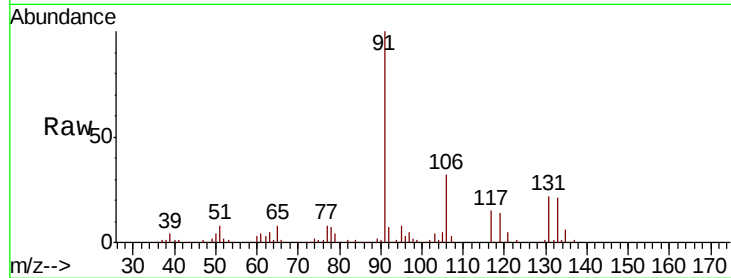
Abundance Ion 130.80 (130.50 to 131.50): V





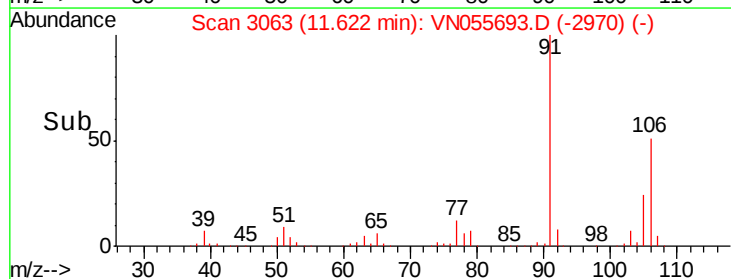
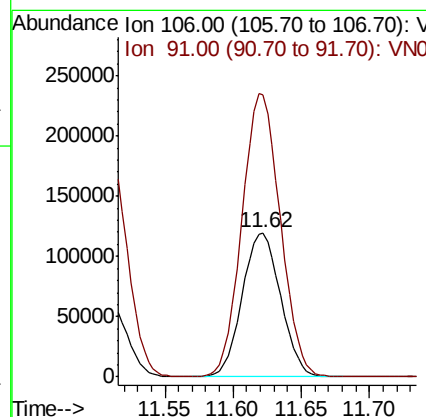
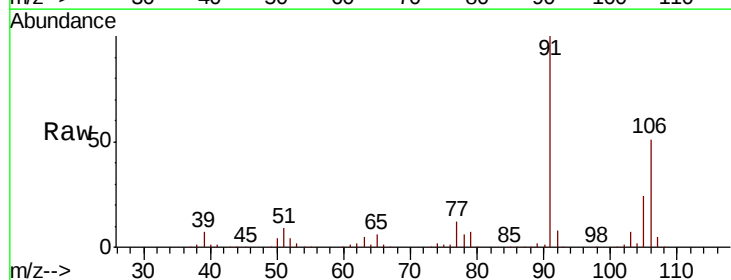
#67
Ethyl Benzene
Concen: 19.213 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

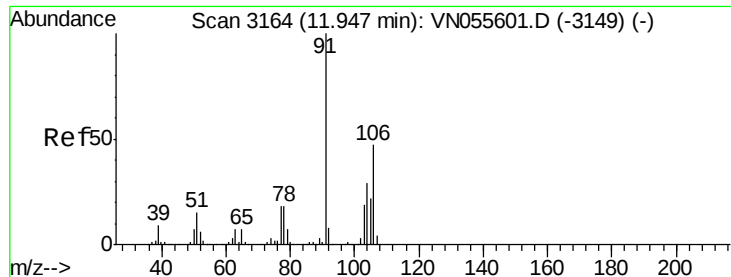
Tot Ion: 91 Resp: 304114
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8



#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

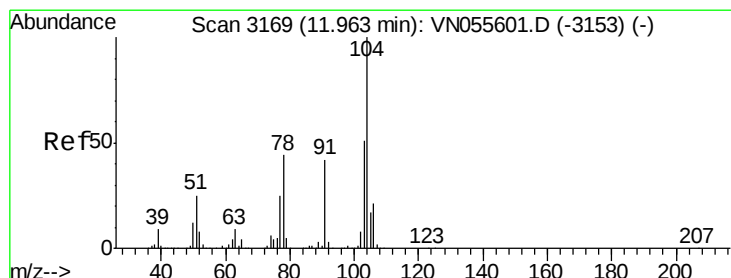
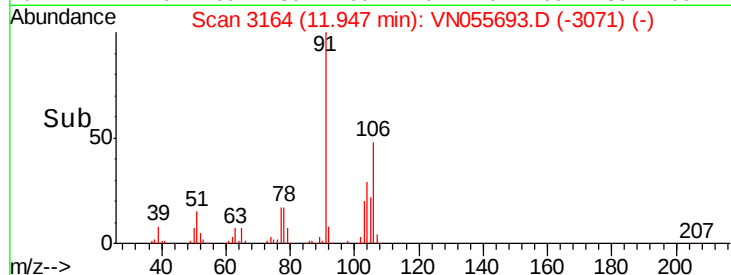
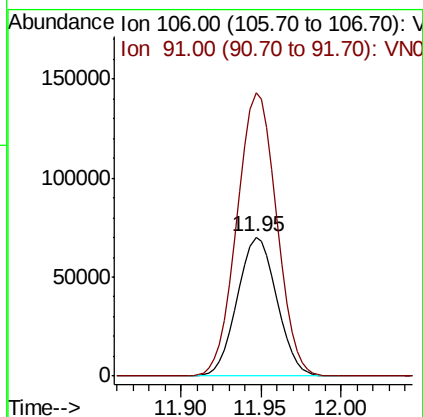
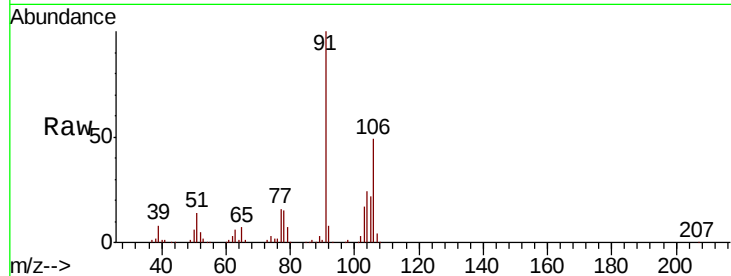
Tgt Ion: 106 Resp: 233738
Ion Ratio Lower Upper
106 100
91 196.3 160.5 240.7





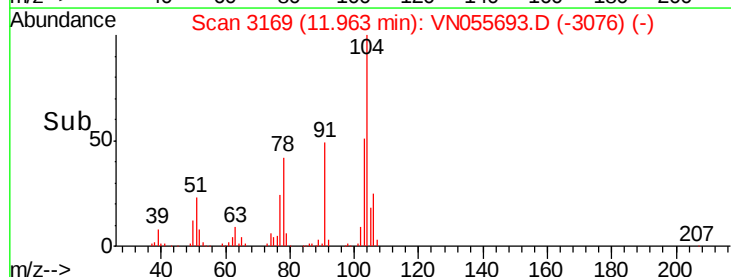
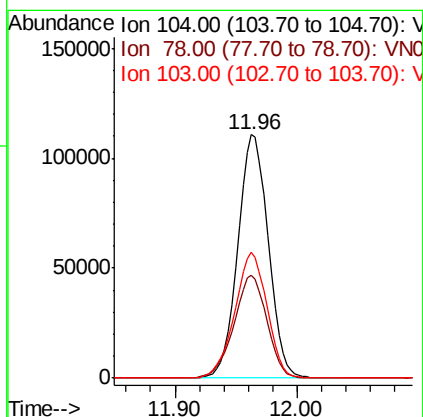
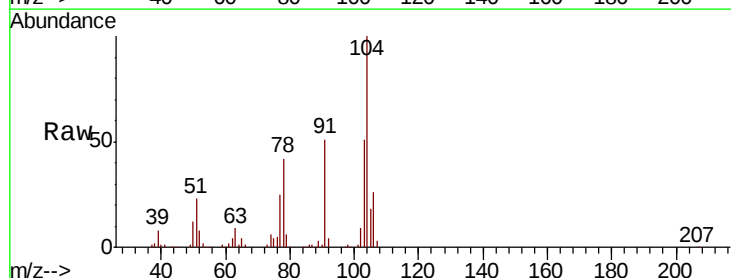
#69
o-Xylene
Concen: 20.213 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

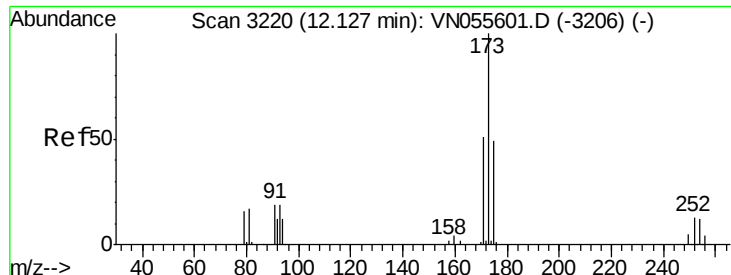
Tot Ion:106 Resp: 118171
Ion Ratio Lower Upper
106 100
91 204.6 106.7 320.2



#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

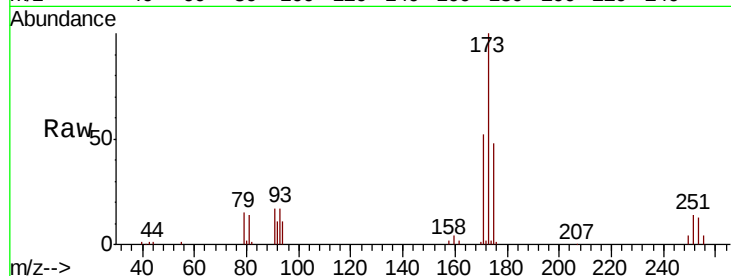
Tot Ion:173 Resp: 63191

Ion Ratio Lower Upper

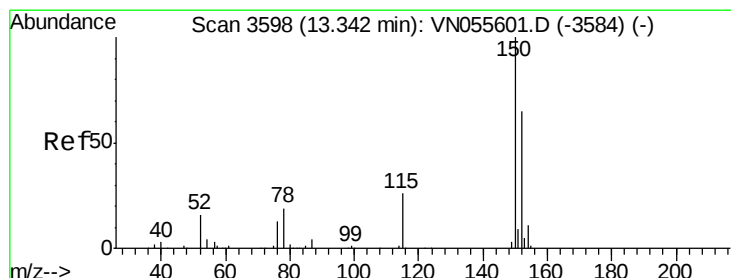
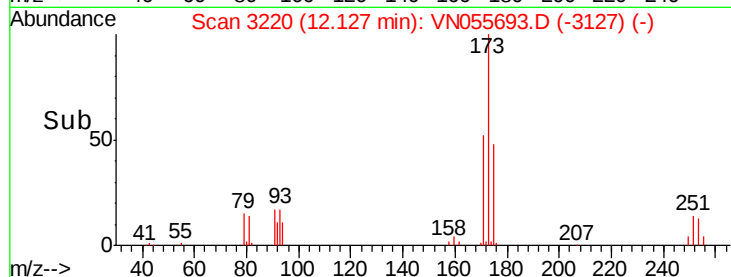
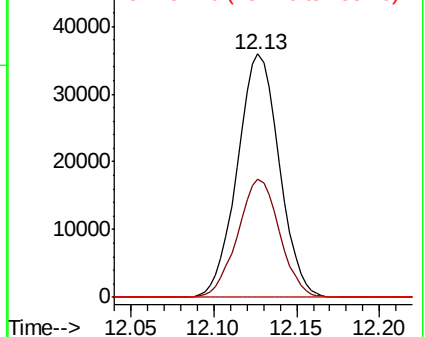
173 100

175 48.6 24.3 72.9

254 0.0 0.1 0.1#



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

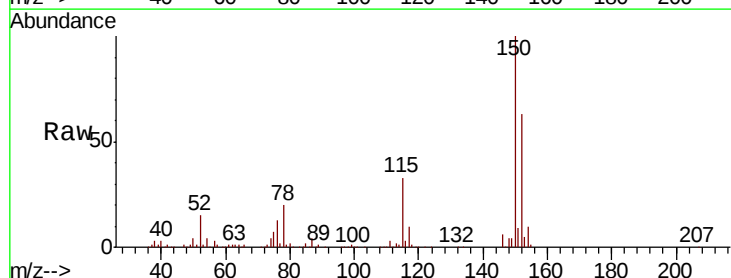
Tgt Ion:152 Resp: 183926

Ion Ratio Lower Upper

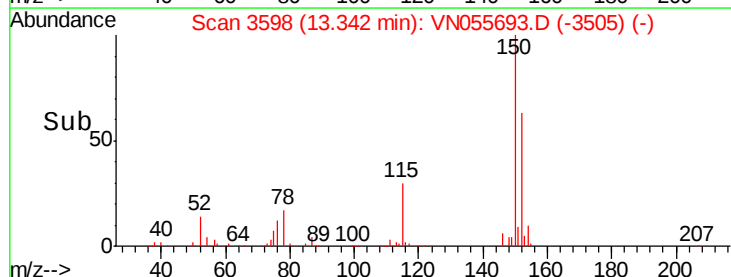
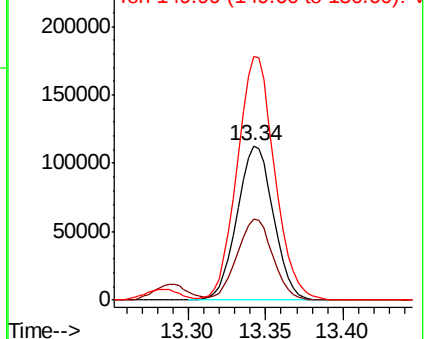
152 100

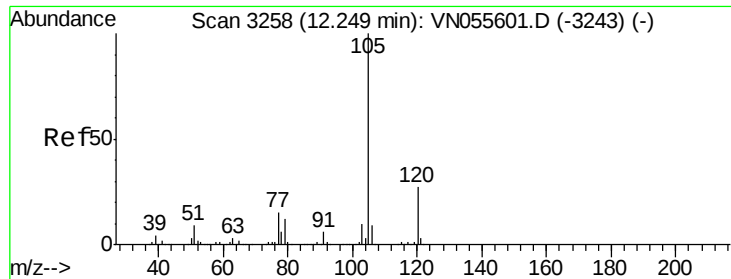
115 51.7 28.1 84.2

150 163.2 0.0 348.0



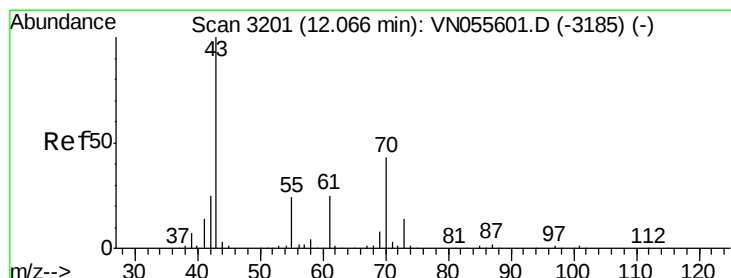
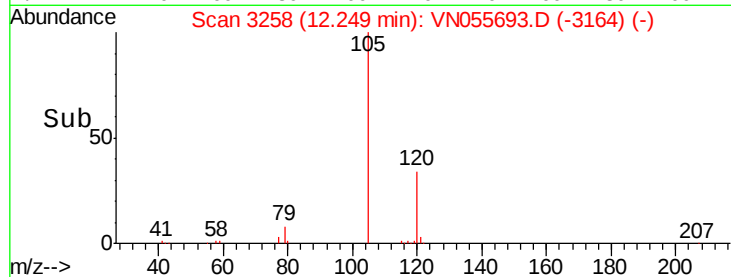
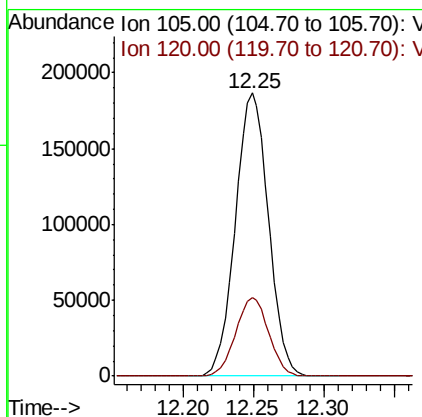
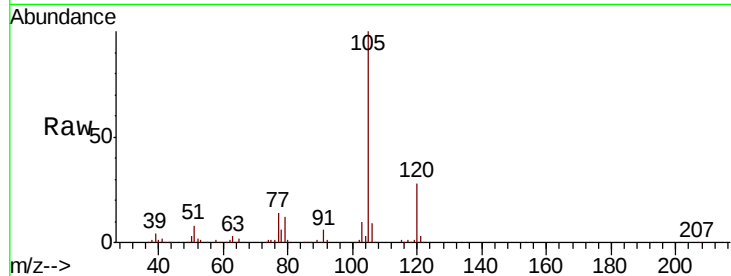
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





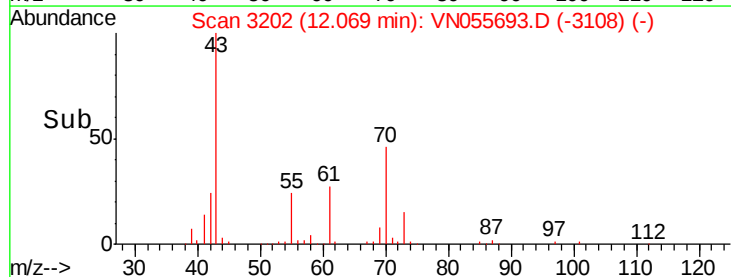
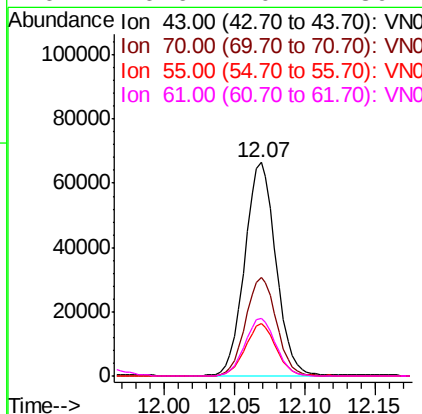
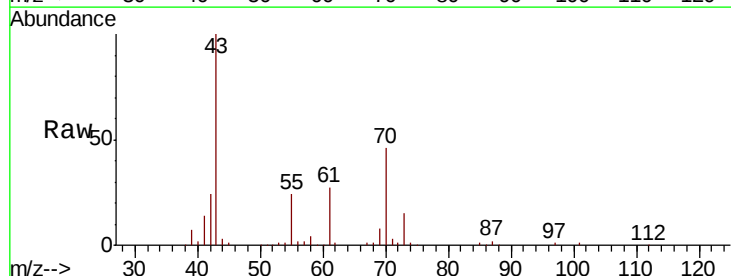
#73
Isopropylbenzene
Concen: 22.442 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

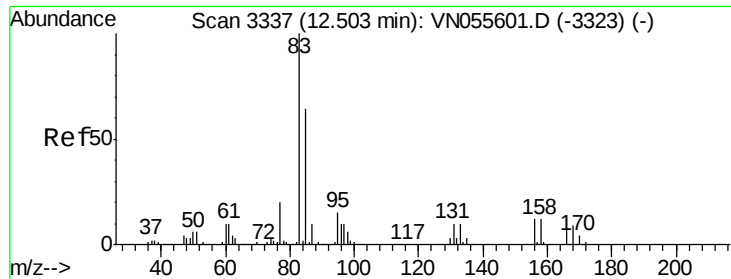
Tot Ion: 105 Resp: 306796
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#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

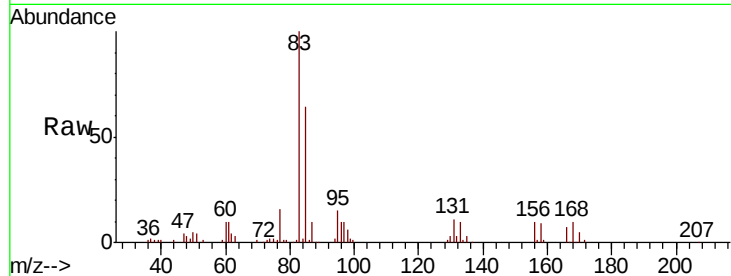
Tot Ion: 83 Resp: 93484

Ion Ratio Lower Upper

83 100

131 11.4 5.3 16.1

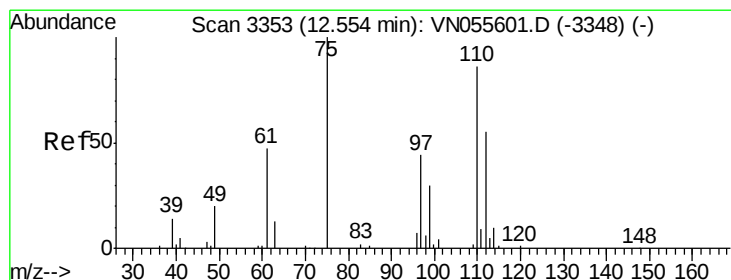
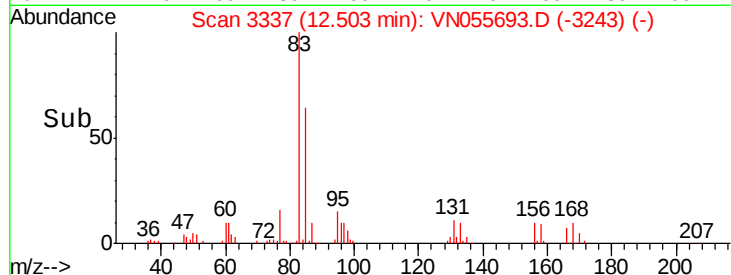
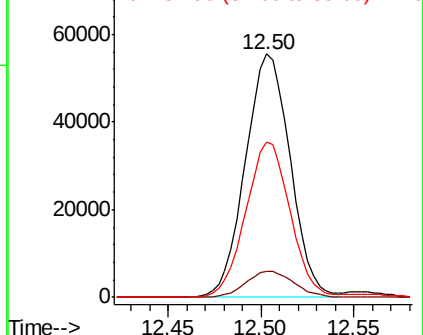
85 63.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.606 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055693.D

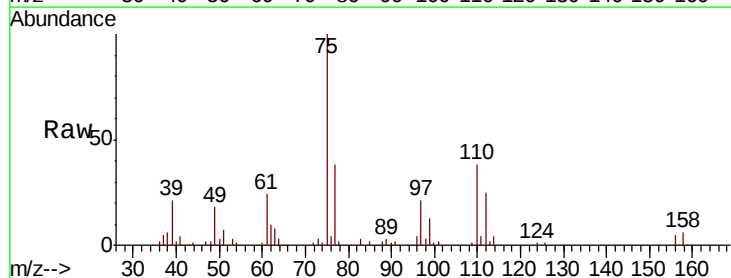
Acq: 21 May 2019 1:08

Tgt Ion: 75 Resp: 107360

Ion Ratio Lower Upper

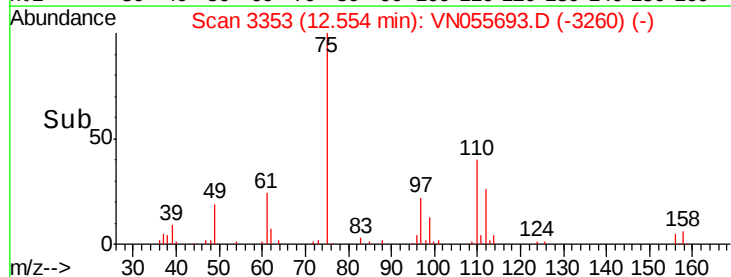
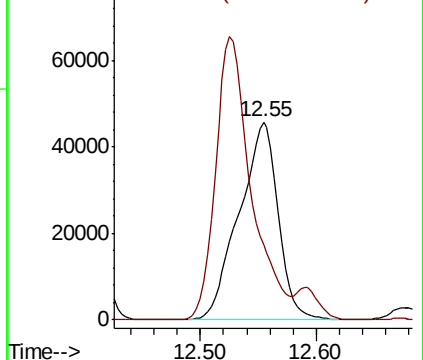
75 100

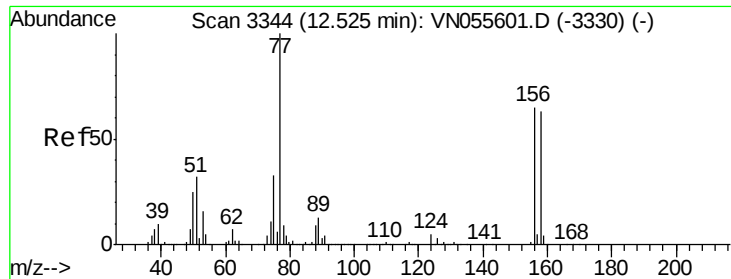
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.720 ug/l

RT: 12.53 min Scan# 3344

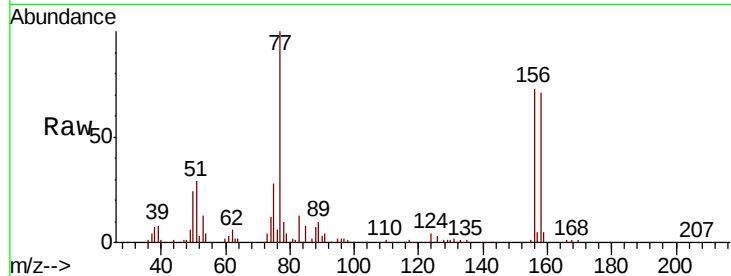
Delta R.T. -0.00 min

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

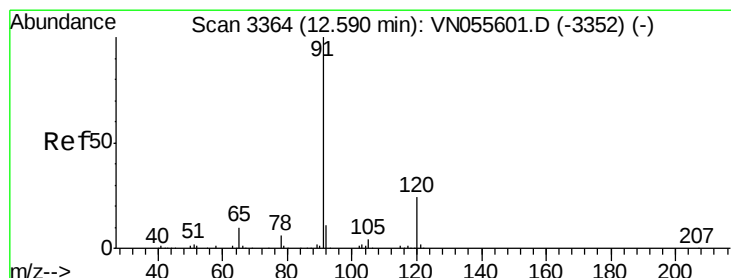
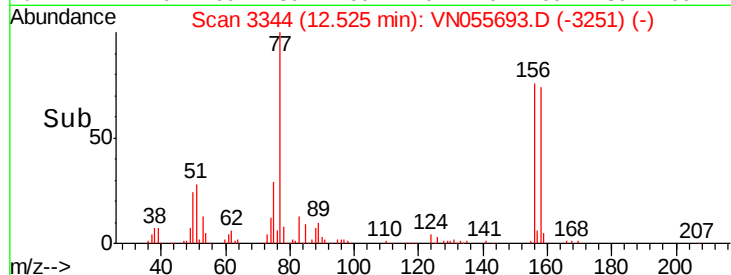
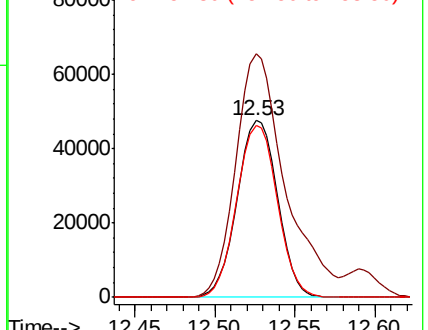


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.059 ug/l

RT: 12.59 min Scan# 3364

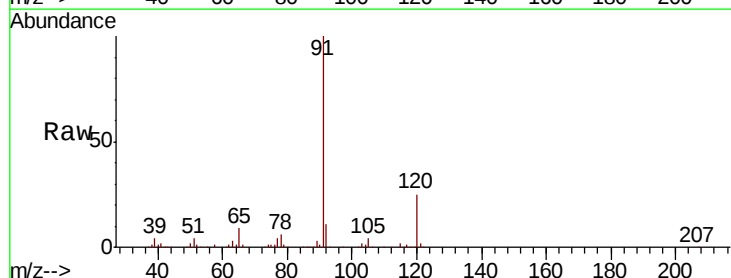
Delta R.T. 0.00 min

Lab File: VN055693.D

Acq: 21 May 2019 1:08

Tgt Ion: 91 Resp: 311293

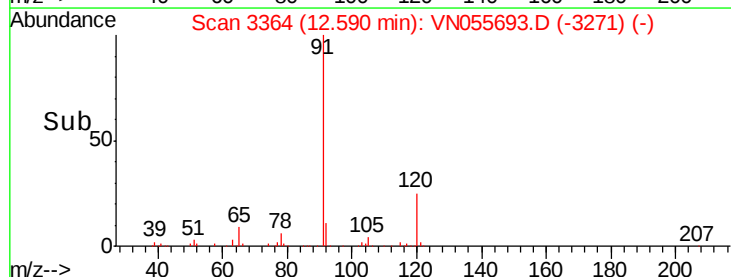
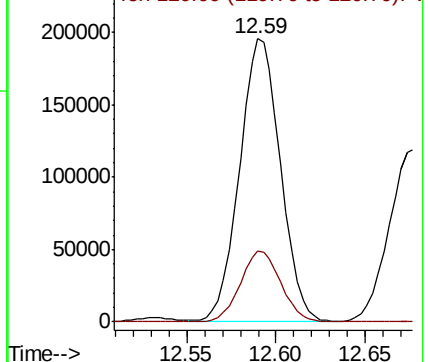
Ion	Ratio	Lower	Upper
91	100		
120	24.9	11.9	35.5

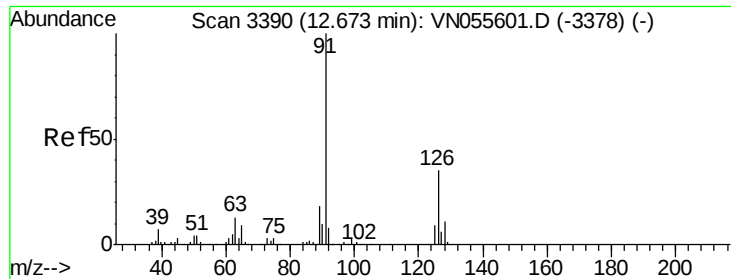


Abundance

Ion 91.00 (90.70 to 91.70): VN

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

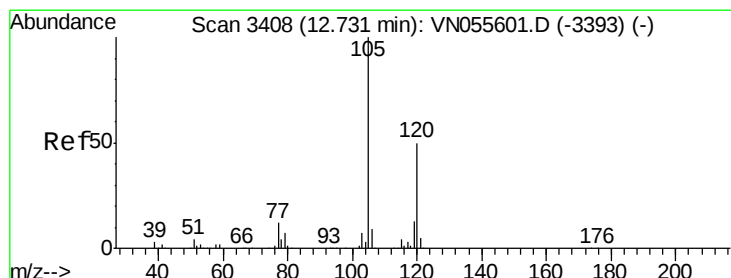
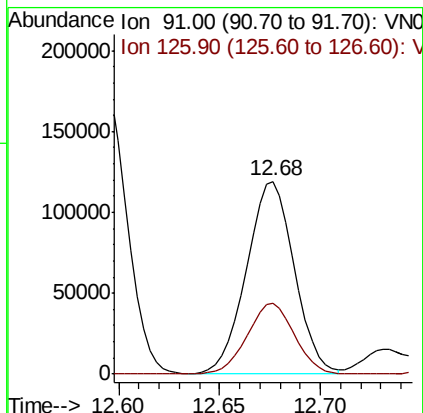
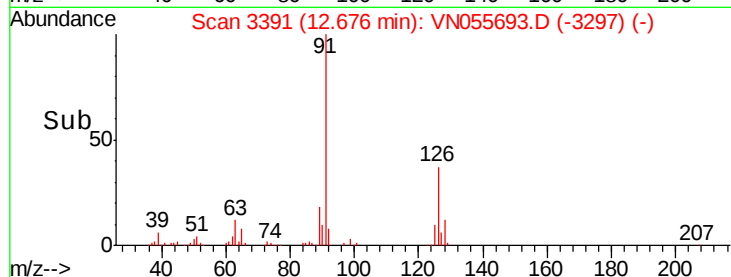
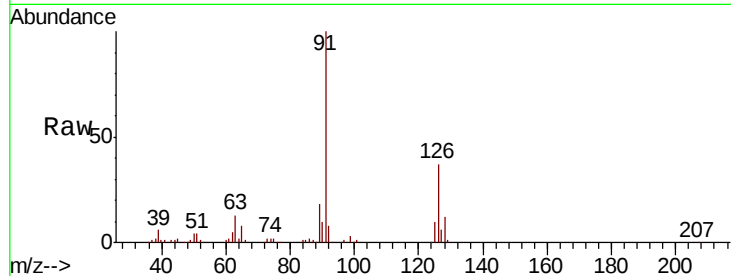
Acq: 21 May 2019 1:08

Tot Ion: 91 Resp: 196222

Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.4



#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

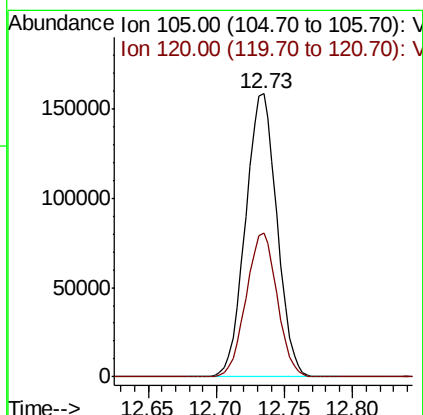
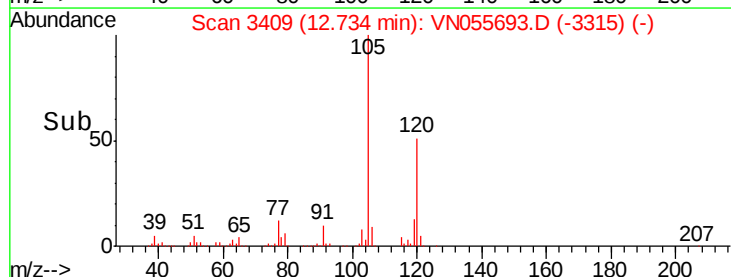
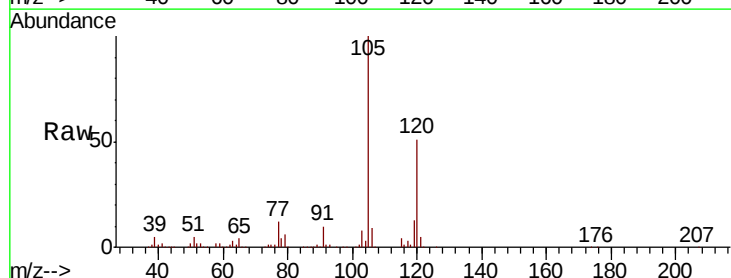
Acq: 21 May 2019 1:08

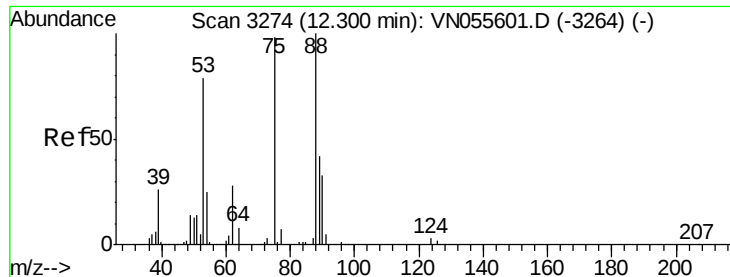
Tgt Ion: 105 Resp: 253116

Ion Ratio Lower Upper

105 100

120 50.3 24.6 74.0





#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

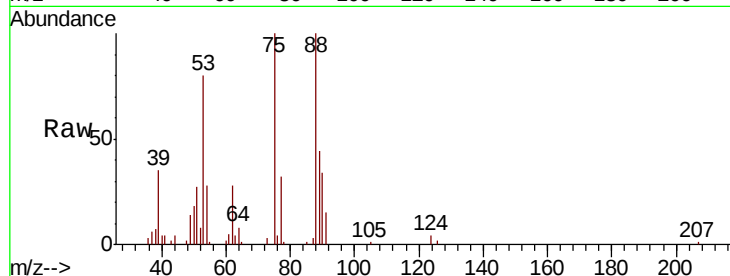
Tot Ion: 75 Resp: 25263

Ion Ratio Lower Upper

75 100

53 81.8 65.1 97.7

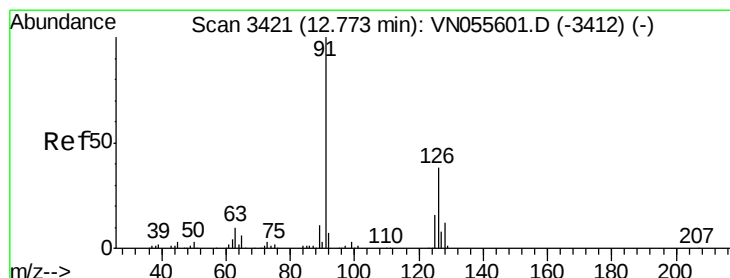
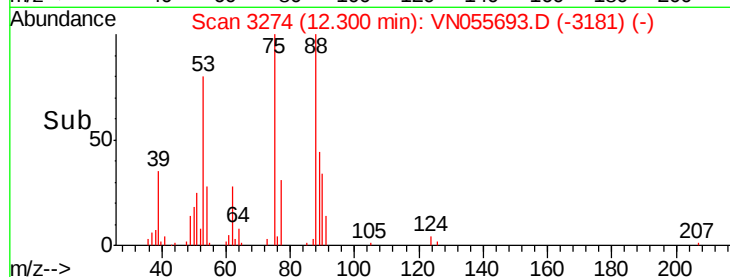
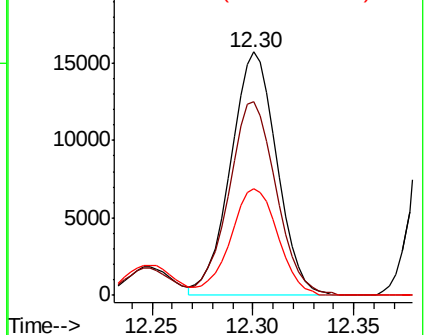
89 45.0 36.4 54.6



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

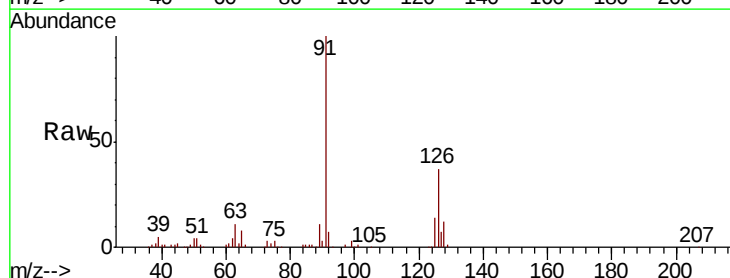
Acq: 21 May 2019 1:08

Tgt Ion: 91 Resp: 183227

Ion Ratio Lower Upper

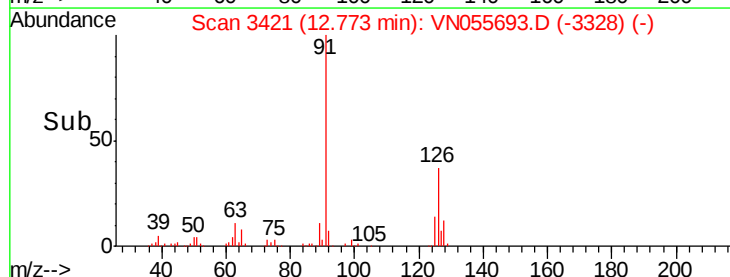
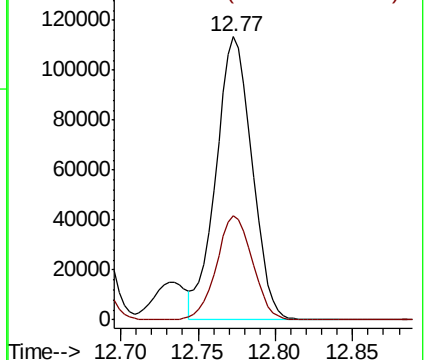
91 100

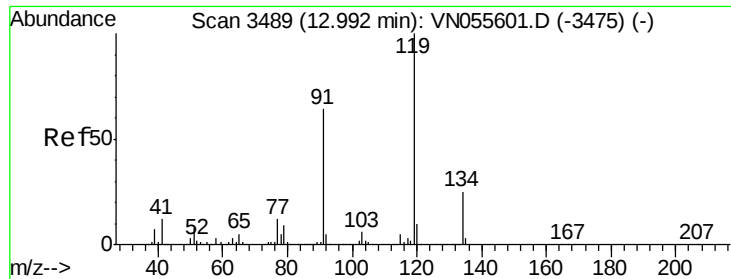
126 36.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

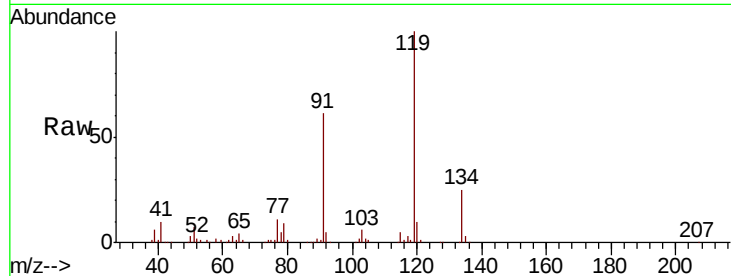
Ion 125.90 (125.60 to 126.60): V



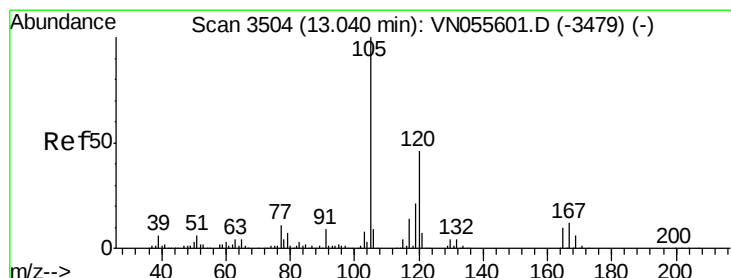
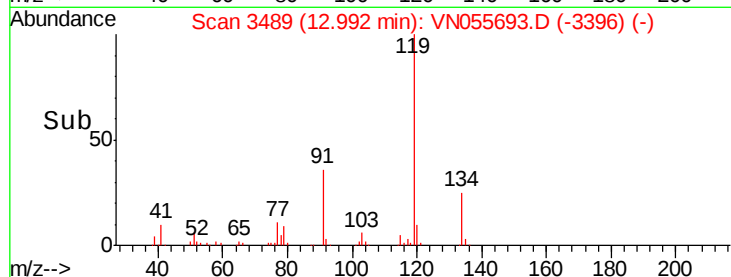
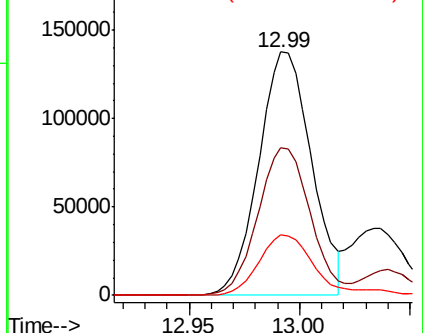


#83
tert-Butylbenzene
Concen: 22.894 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

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

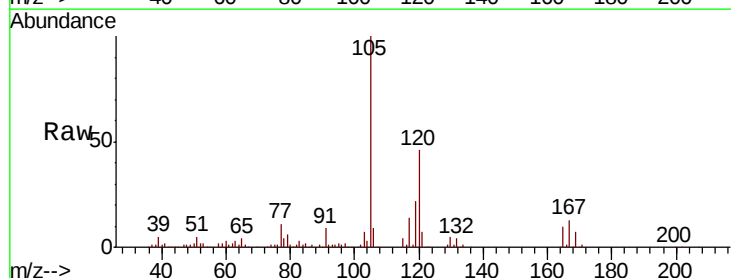


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

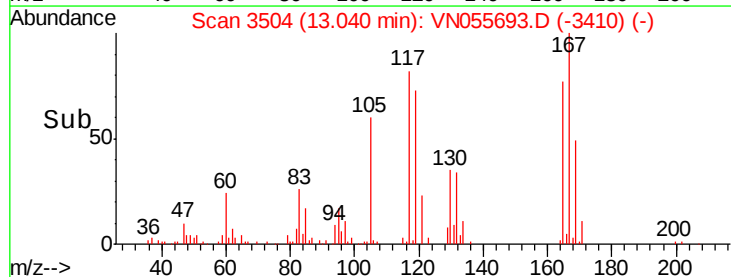
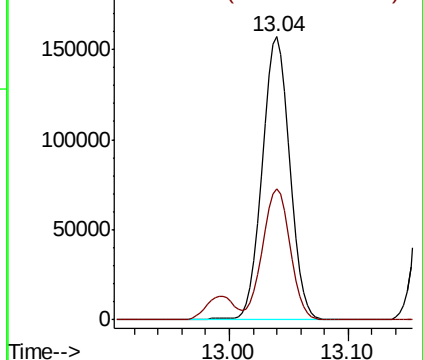


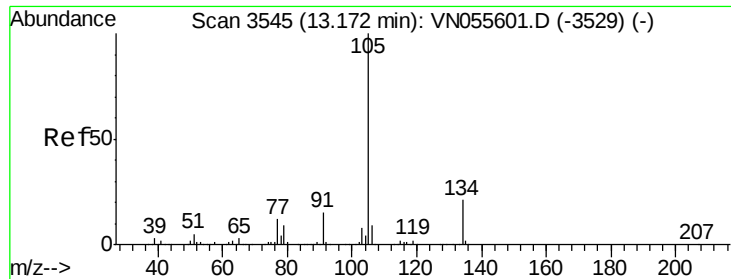
#84
1,2,4-Trimethylbenzene
Concen: 21.905 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

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

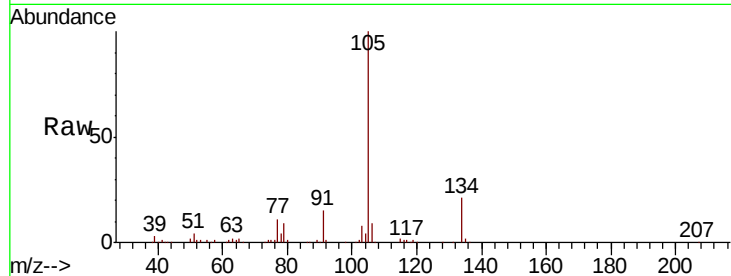
Acq: 21 May 2019 1:08

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

13.17

200000

150000

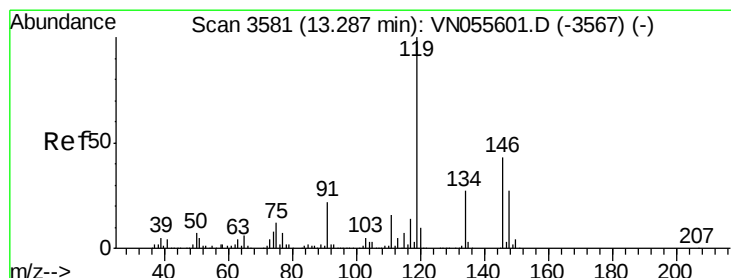
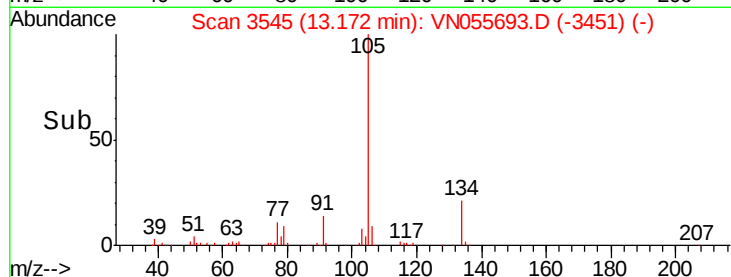
100000

50000

0

Time-->

13.10 13.15 13.20 13.25



#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

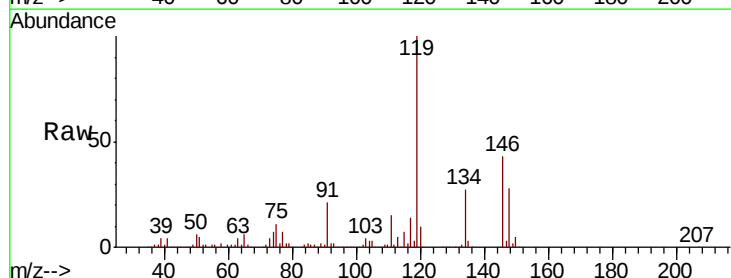
Tgt Ion:119 Resp: 256006

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

13.29

200000

150000

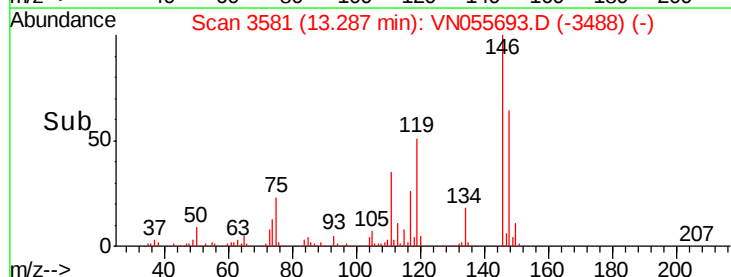
100000

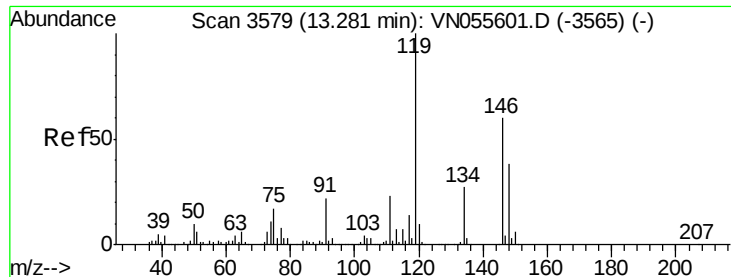
50000

0

Time-->

13.20 13.30





#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

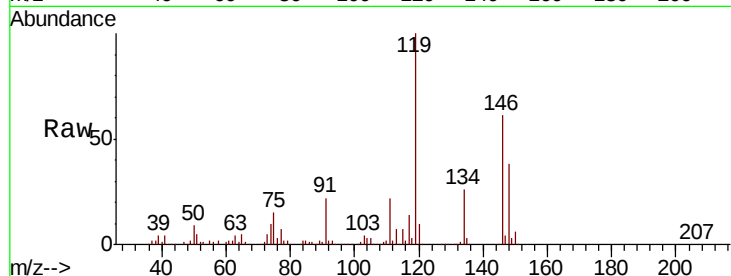
Tot Ion:146 Resp: 125962

Ion Ratio Lower Upper

146 100

111 36.1 18.9 56.9

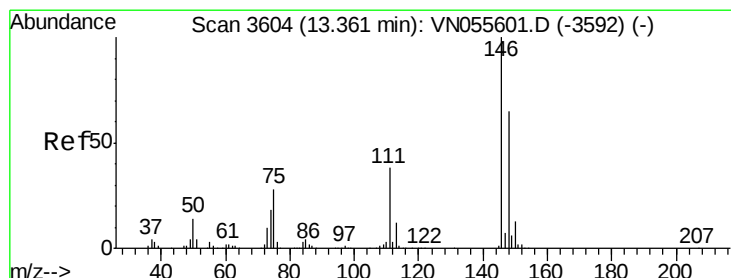
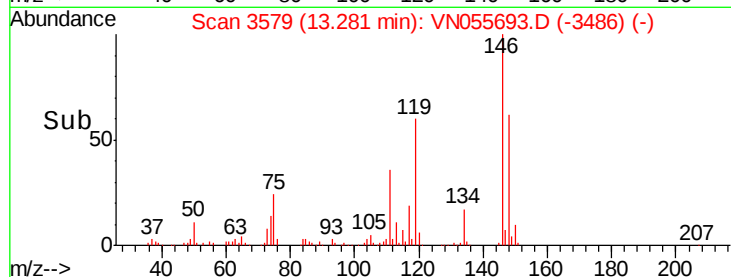
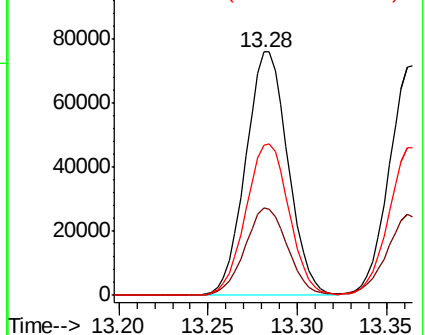
148 63.6 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 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

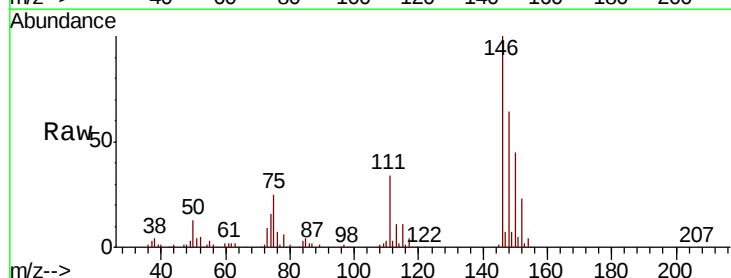
Tgt Ion:146 Resp: 118485

Ion Ratio Lower Upper

146 100

111 36.3 18.8 56.4

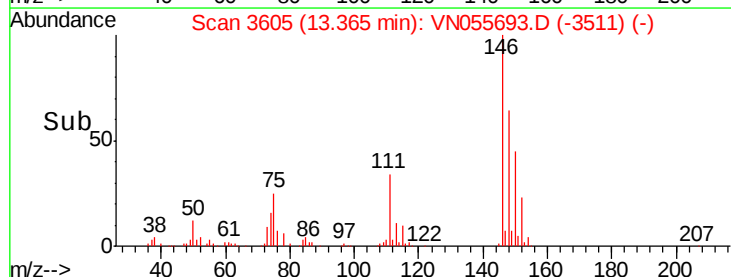
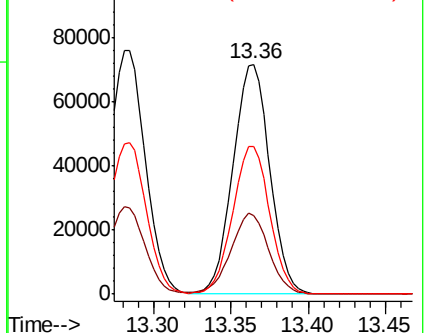
148 64.7 32.4 97.0

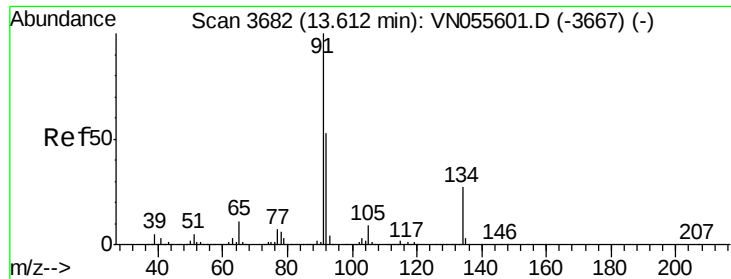


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

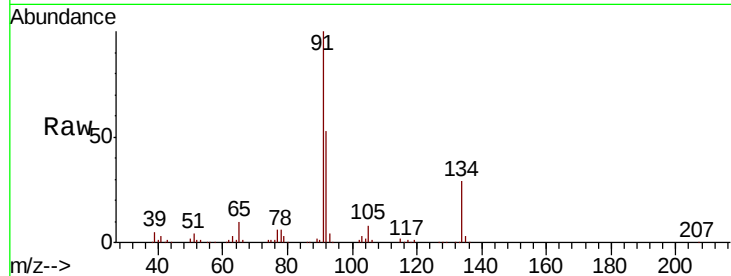
Ion 147.90 (147.60 to 148.60): V



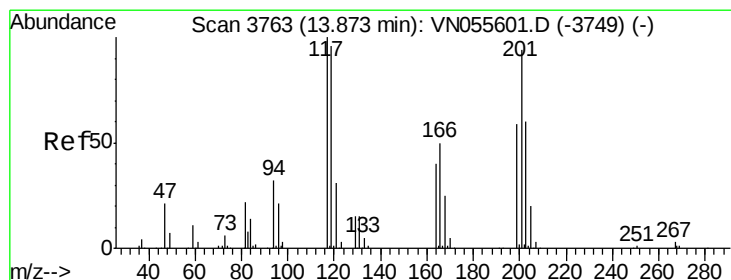
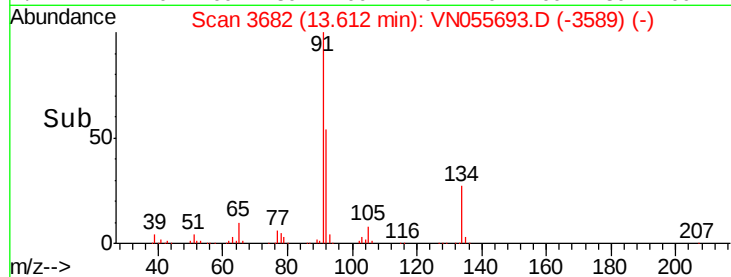
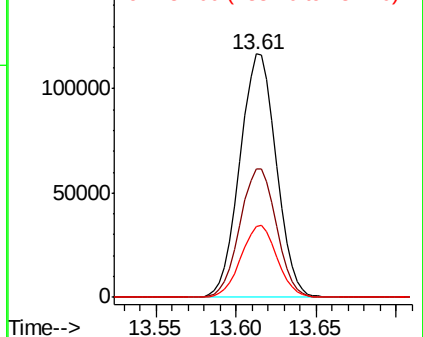


#89
n-Butylbenzene
Concen: 17.951 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

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

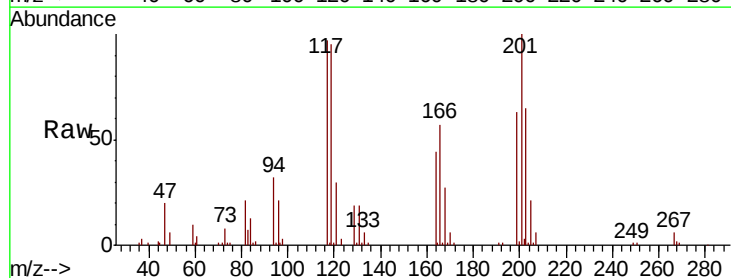


Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN055601.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN055601.D (-3667) (-)

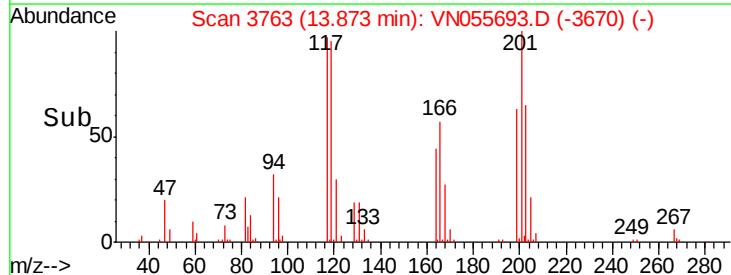
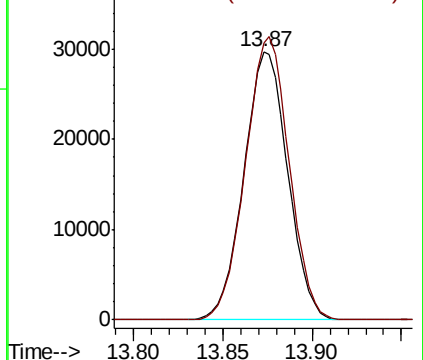


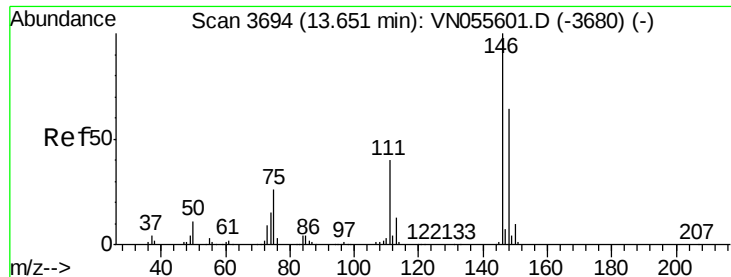
#90
Hexachloroethane
Concen: 22.059 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055693.D
Acq: 21 May 2019 1:08

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

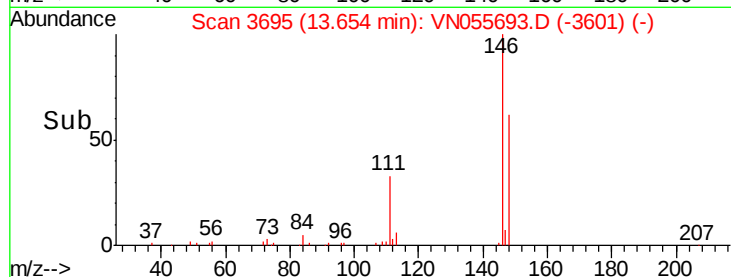
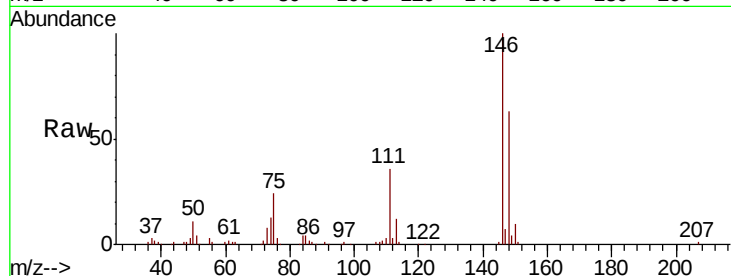
Tot Ion:146 Resp: 127792

Ion Ratio Lower Upper

146 100

111 36.7 19.7 59.0

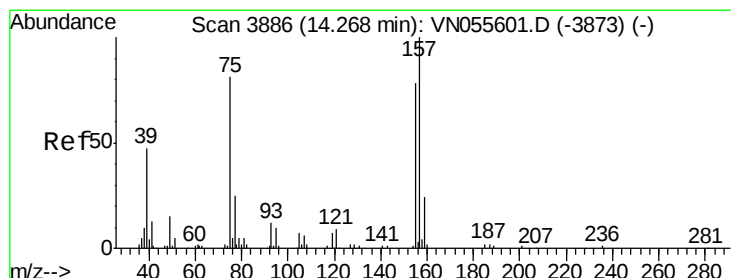
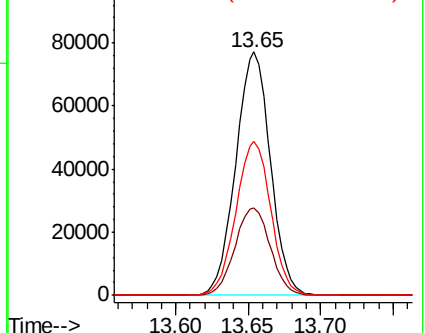
148 63.6 32.1 96.3



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

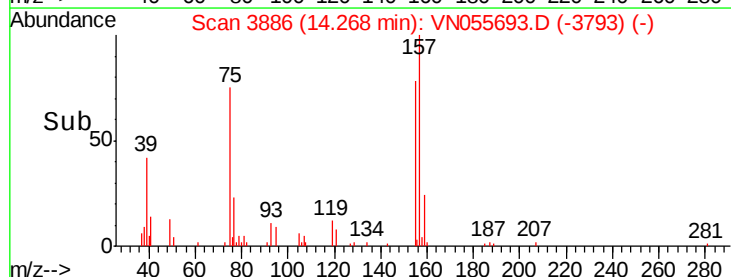
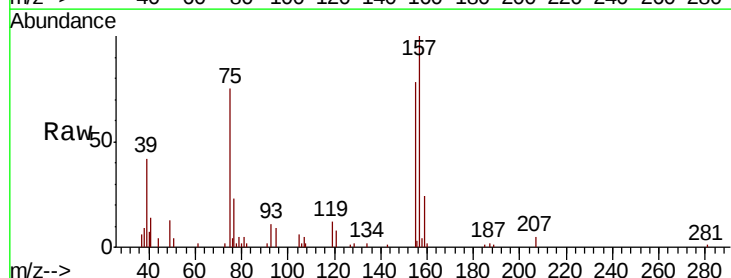
Tgt Ion: 75 Resp: 16193

Ion Ratio Lower Upper

75 100

155 106.4 48.4 145.0

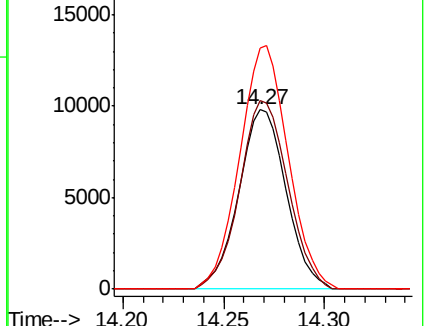
157 138.4 62.3 186.8

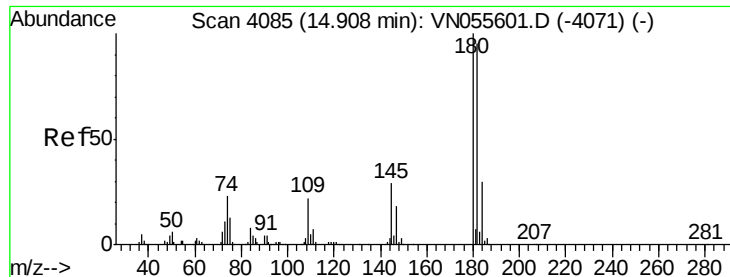


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

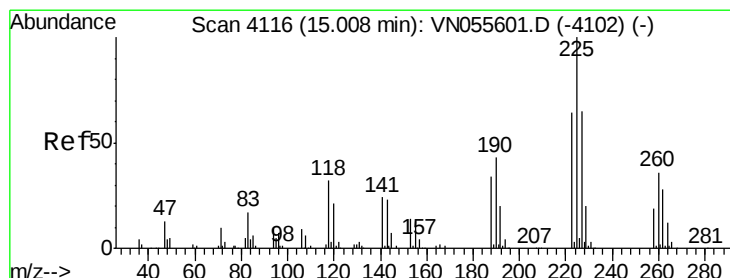
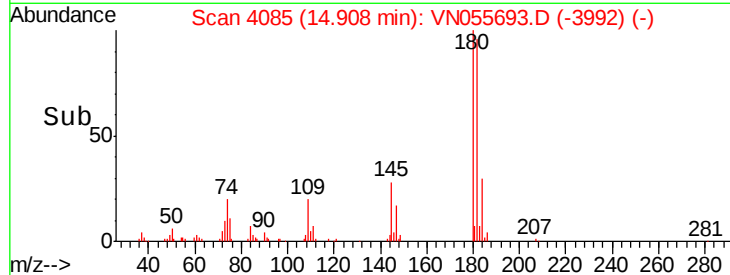
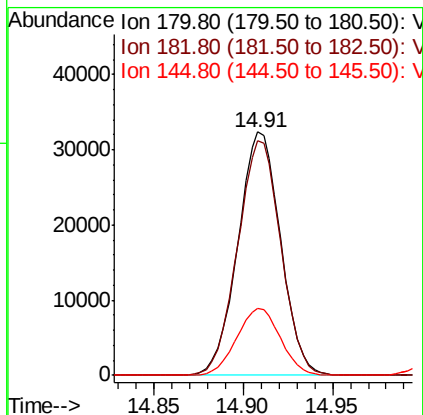
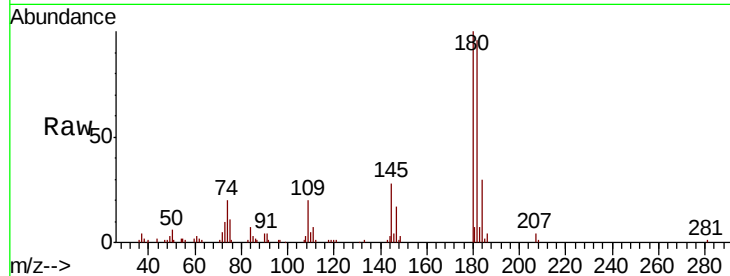
Ion 156.80 (156.50 to 157.50): V





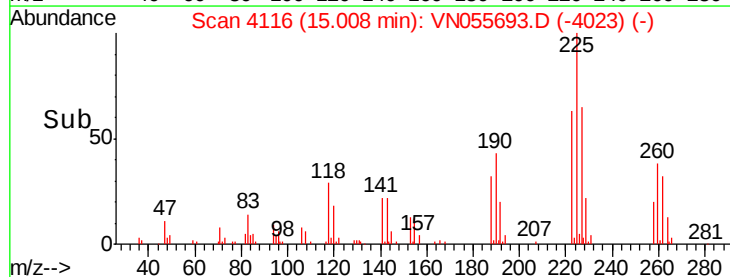
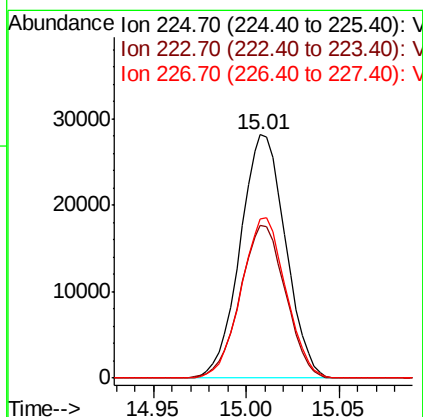
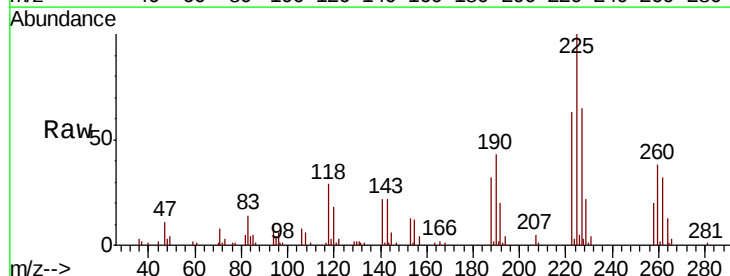
#93
 1,2,4-Trichlorobenzene
 Concen: 17.061 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055693.D
 Acq: 21 May 2019 1:08

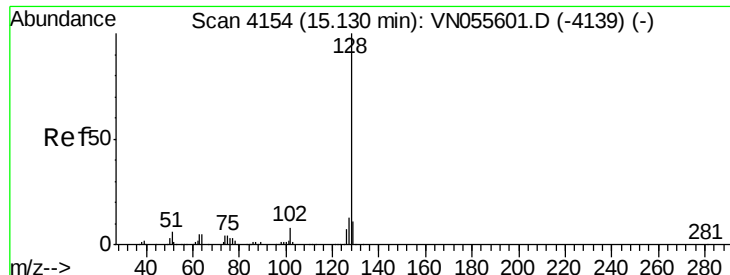
Tot Ion:180 Resp: 54066
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.9 143.6
 145 28.0 14.3 42.9



#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





#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

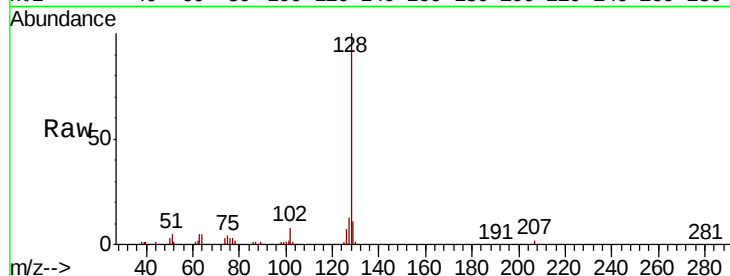
Tot Ion:128 Resp: 155792

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

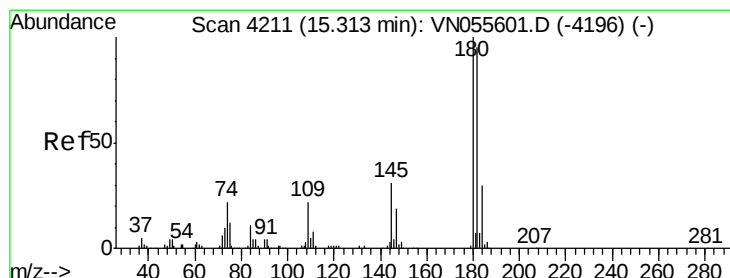
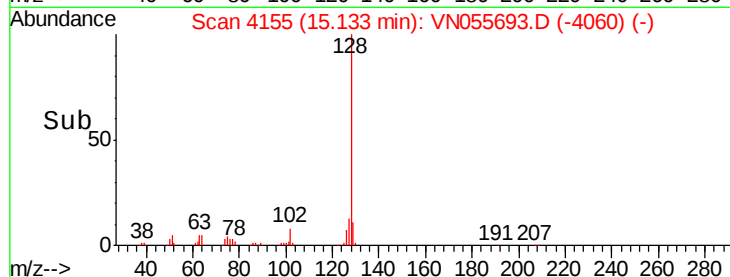
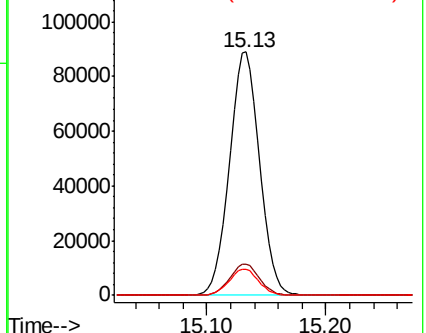
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 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

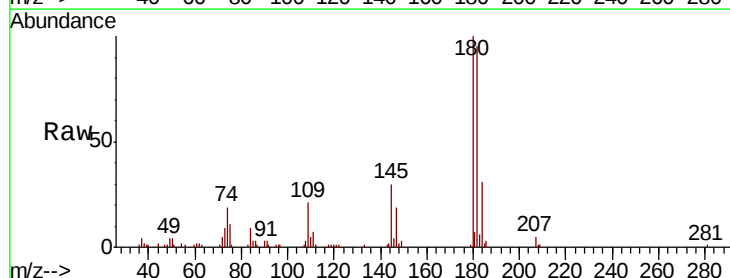
Tgt Ion:180 Resp: 60549

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 28.6 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

