

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055686.D
 Acq On : 20 May 2019 20:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 21 05:28:50 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	349358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	512146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217594	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	170863	44.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.24%	
35) Dibromofluoromethane	7.59	113	157387	48.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.76%	
50) Toluene-d8	10.09	98	613886	49.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	211760	49.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	105974	39.425	ug/l	99
3) Chloromethane	2.06	50	140012	39.052	ug/l	99
4) Vinyl Chloride	2.18	62	158493	40.824	ug/l	98
5) Bromomethane	2.53	94	102423	41.396	ug/l	99
6) Chloroethane	2.68	64	91363	42.383	ug/l	98
7) Trichlorofluoromethane	3.01	101	208844	41.978	ug/l	98
8) Diethyl Ether	3.41	74	88359	44.211	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	130080	42.888	ug/l	99
10) Methyl Iodide	3.95	142	204095	46.676	ug/l	98
11) Tert butyl alcohol	4.77	59	164406	230.207	ug/l	99
12) 1,1-Dichloroethene	3.74	96	132300	41.466	ug/l	99
13) Acrolein	3.61	56	77706	213.508	ug/l	100
14) Allyl chloride	4.32	41	213294	41.410	ug/l	99
15) Acrylonitrile	4.99	53	365206	229.849	ug/l	99
16) Acetone	3.81	43	294527	188.453	ug/l	100
17) Carbon Disulfide	4.06	76	342398	38.604	ug/l	100
18) Methyl Acetate	4.32	43	151501	45.217	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	453500	42.965	ug/l	98
20) Methylene Chloride	4.55	84	151944	42.601	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	140511	41.341	ug/l	98
22) Diisopropyl ether	5.95	45	428215	41.956	ug/l	96
23) Vinyl Acetate	5.89	43	1847469	213.326	ug/l	98
24) 1,1-Dichloroethane	5.85	63	254398	42.510	ug/l	99
25) 2-Butanone	6.83	43	474878	217.313	ug/l	97
26) 2,2-Dichloropropane	6.82	77	198648	37.401	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	171478	43.327	ug/l	95
28) Bromochloromethane	7.19	49	114044	43.803	ug/l	93
29) Tetrahydrofuran	7.21	42	312290	215.710	ug/l	97
30) Chloroform	7.37	83	263875	42.955	ug/l	99
31) Cyclohexane	7.65	56	225413	39.687	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	237333	43.074	ug/l	98
36) 1,1-Dichloropropene	7.79	75	196224	42.974	ug/l	98
37) Ethyl Acetate	6.92	43	192239	46.656	ug/l	98
38) Carbon Tetrachloride	7.77	117	213832	43.824	ug/l	99

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

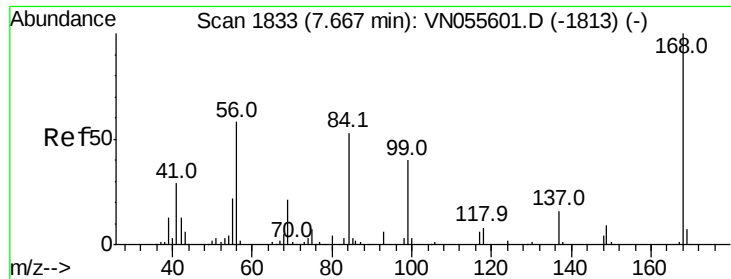
39) Methylcyclohexane	9.08	83	245499	44.601	ug/l	98
40) Benzene	8.04	78	616552	45.908	ug/l	99
41) Methacrylonitrile	7.18	41	87038m	49.409	ug/l	
42) 1,2-Dichloroethane	8.12	62	194272	44.671	ug/l	98
43) Isopropyl Acetate	8.16	43	353809	49.364	ug/l	98
44) Trichloroethene	8.83	130	184094	48.578	ug/l	95
45) 1,2-Dichloropropane	9.12	63	161172	45.554	ug/l	99
46) Dibromomethane	9.21	93	111537	48.166	ug/l	93
47) Bromodichloromethane	9.40	83	222075	45.758	ug/l	99
48) Methyl methacrylate	9.20	41	151780	47.379	ug/l	96
49) 1,4-Dioxane	9.20	88	72202	1134.238	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	981037	233.346	ug/l	98
52) Toluene	10.16	92	406468	48.253	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	240540	46.049	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	265229	46.349	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	168530	48.597	ug/l	100
56) Ethyl methacrylate	10.43	69	255094	47.122	ug/l	95
57) 1,3-Dichloropropane	10.71	76	262810	47.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	510320	221.860	ug/l	97
59) 2-Hexanone	10.75	43	697093	235.506	ug/l	97
60) Dibromochloromethane	10.90	129	203666	51.818	ug/l	99
61) 1,2-Dibromoethane	11.00	107	177324	51.104	ug/l	100
64) Tetrachloroethene	10.63	164	186017	51.716	ug/l	96
65) Chlorobenzene	11.43	112	443603	48.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	180615	48.675	ug/l	99
67) Ethyl Benzene	11.51	91	766910	46.674	ug/l	98
68) m/p-Xylenes	11.62	106	595009	95.890	ug/l	96
69) o-Xylene	11.95	106	296372	48.833	ug/l	95
70) Styrene	11.96	104	493861	48.940	ug/l	98
71) Bromoform	12.13	173	168767	53.669	ug/l #	99
73) Isopropylbenzene	12.25	105	772181	50.599	ug/l	98
74) N-amyl acetate	12.07	43	270719	44.308	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	232204	48.525	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	187940m	42.328	ug/l	
77) Bromobenzene	12.53	156	217972	48.777	ug/l	89
78) n-propylbenzene	12.59	91	822644	42.573	ug/l	98
79) 2-Chlorotoluene	12.67	91	501031	48.396	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	650568	49.868	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	72462	41.952	ug/l	98
82) 4-Chlorotoluene	12.77	91	489219	42.970	ug/l	97
83) tert-Butylbenzene	12.99	119	578355	52.356	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	650990	49.981	ug/l	99
85) sec-Butylbenzene	13.17	105	729613	50.162	ug/l	98
86) p-Isopropyltoluene	13.29	119	679285	50.159	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	350582	47.448	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	336126	47.644	ug/l	98
89) n-Butylbenzene	13.61	91	519118	43.477	ug/l	98
90) Hexachloroethane	13.87	117	130937	50.626	ug/l	84
91) 1,2-Dichlorobenzene	13.65	146	347704	47.207	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43747	44.301	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	198214	52.869	ug/l	99
94) Hexachlorobutadiene	15.01	225	136814	61.109	ug/l	99
95) Naphthalene	15.13	128	540772	47.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	204224	52.097	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055686.D

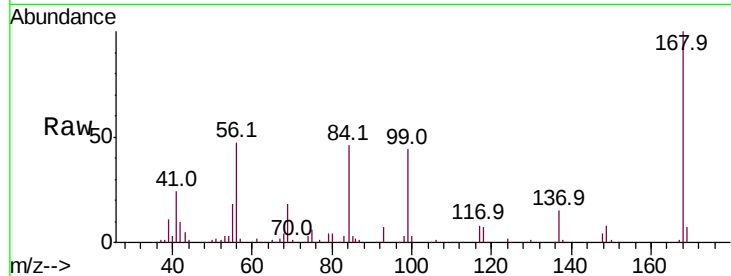
Acq: 20 May 2019 20:06

Tot Ion:168 Resp: 349358

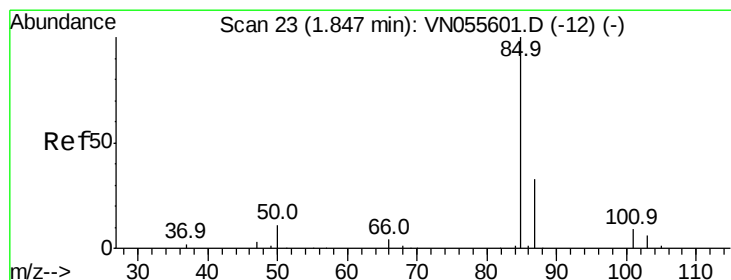
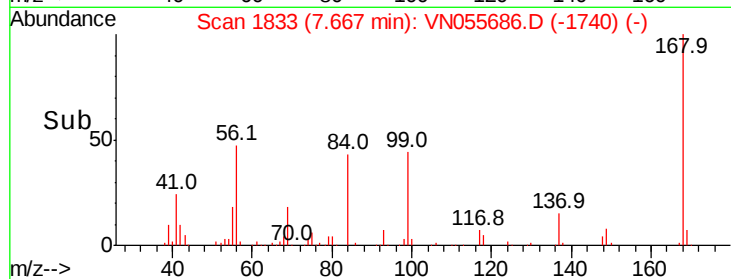
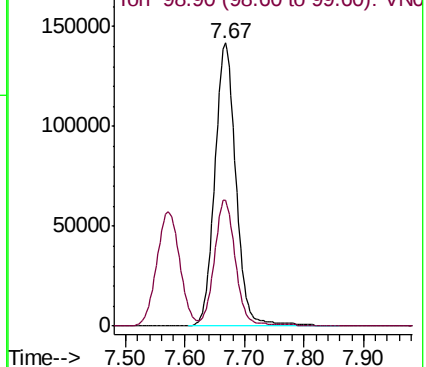
Ion Ratio Lower Upper

168 100

99 44.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055686.D (-1740) (-)



#2

Dichlorodifluoromethane

Concen: 39.425 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055686.D

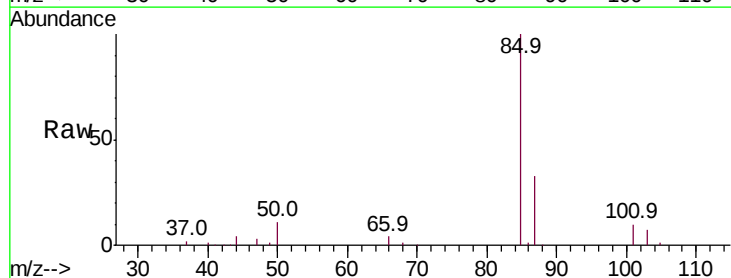
Acq: 20 May 2019 20:06

Tgt Ion: 85 Resp: 105974

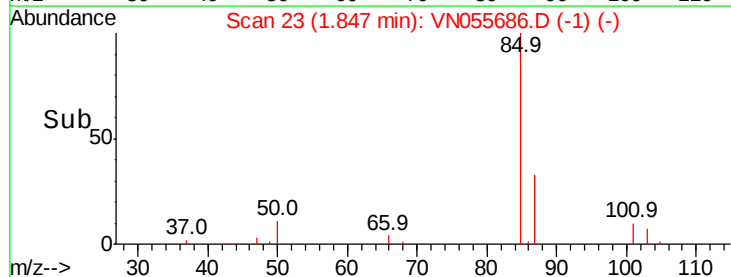
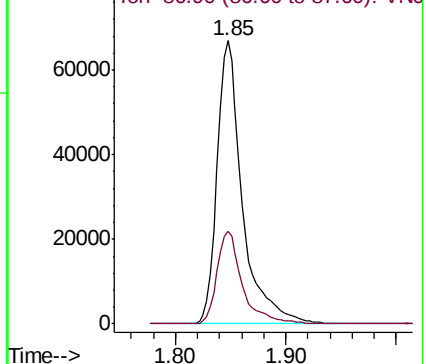
Ion Ratio Lower Upper

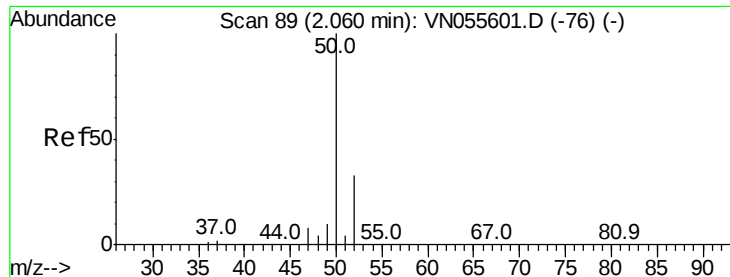
85 100

87 32.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN055686.D (-1) (-)





#3

Chloromethane

Concen: 39.052 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055686.D

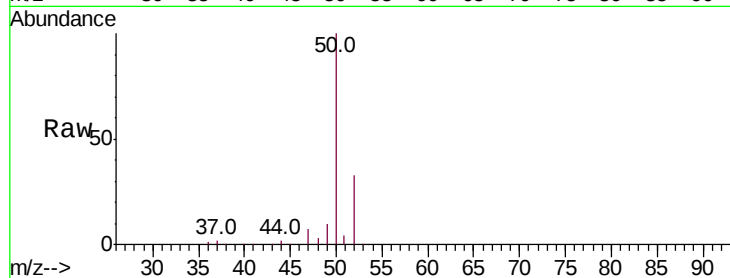
Acq: 20 May 2019 20:06

Tot Ion: 50 Resp: 140012

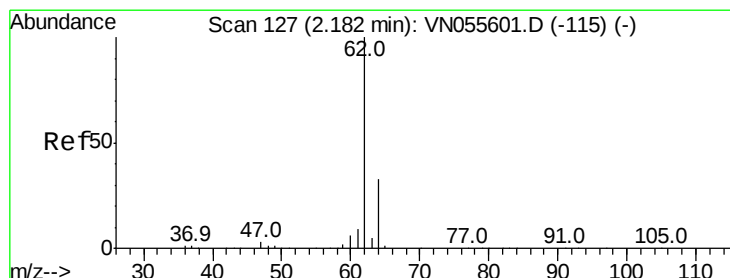
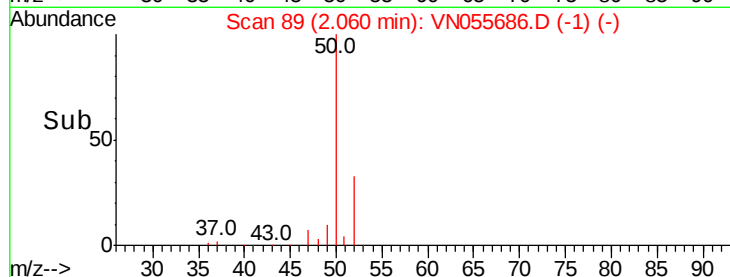
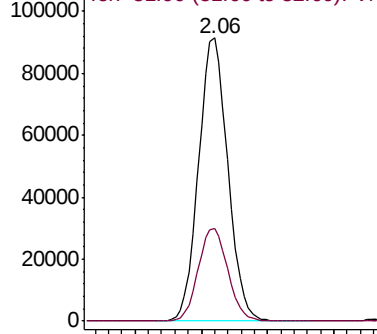
Ion Ratio Lower Upper

50 100

52 32.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNC
Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 40.824 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN055686.D

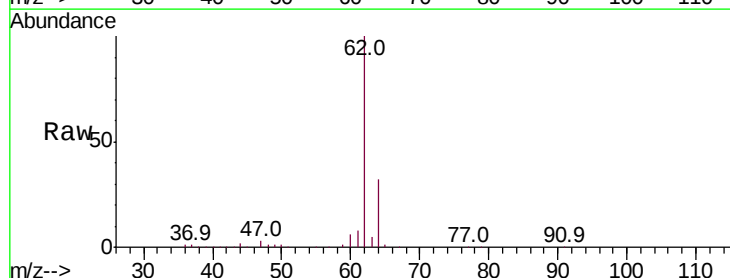
Acq: 20 May 2019 20:06

Tgt Ion: 62 Resp: 158493

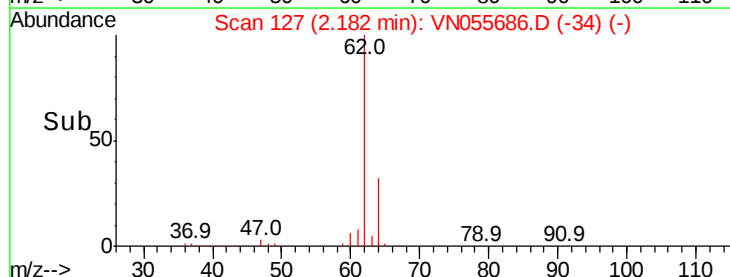
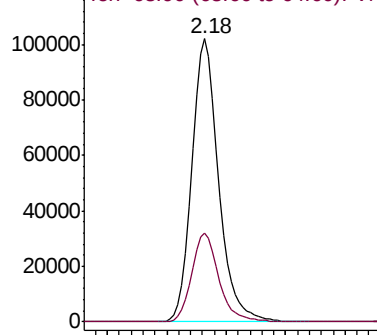
Ion Ratio Lower Upper

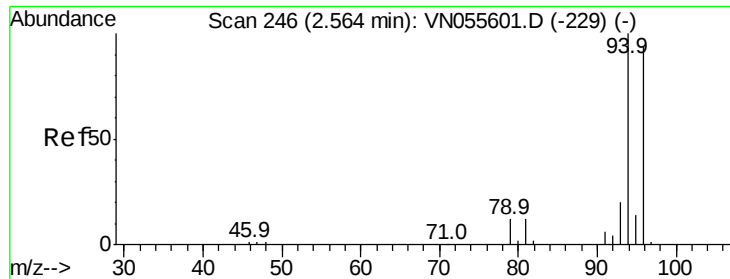
62 100

64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 41.396 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.04 min

Lab File: VN055686.D

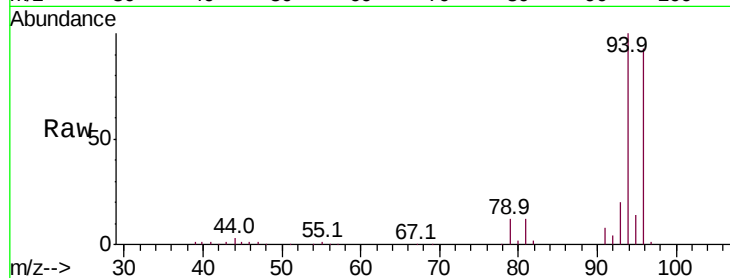
Acq: 20 May 2019 20:06

Tot Ion: 94 Resp: 102423

Ion Ratio Lower Upper

94 100

96 92.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN055601.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN055686.D (-153) (-)

2.53

60000

50000

40000

30000

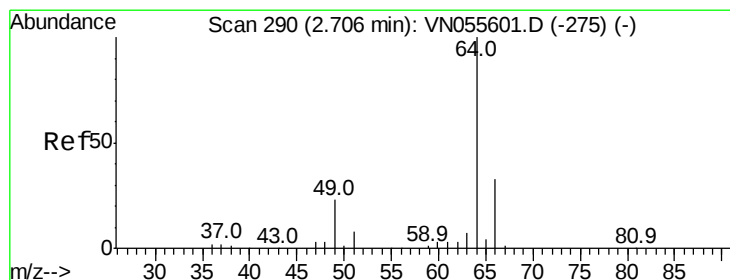
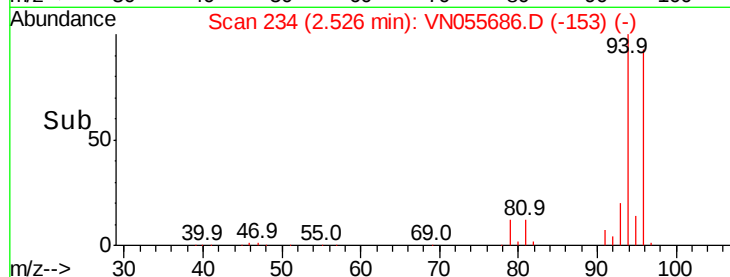
20000

10000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 42.383 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.02 min

Lab File: VN055686.D

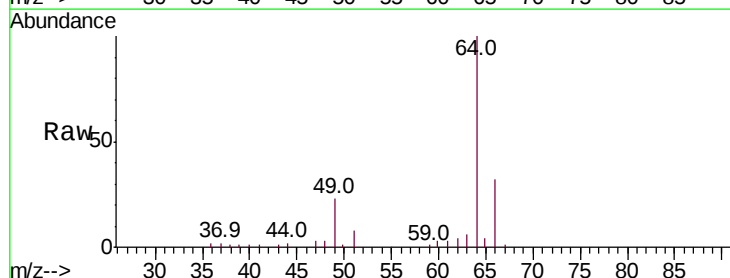
Acq: 20 May 2019 20:06

Tgt Ion: 64 Resp: 91363

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN055601.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN055686.D (-197) (-)

2.68

40000

30000

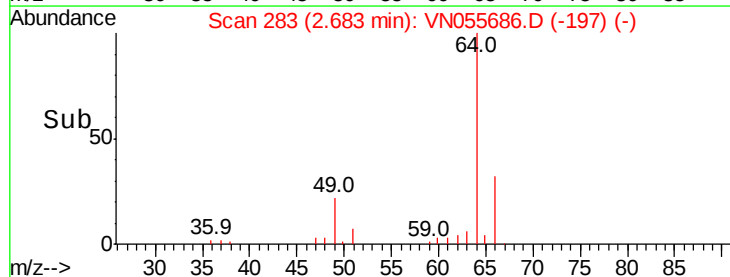
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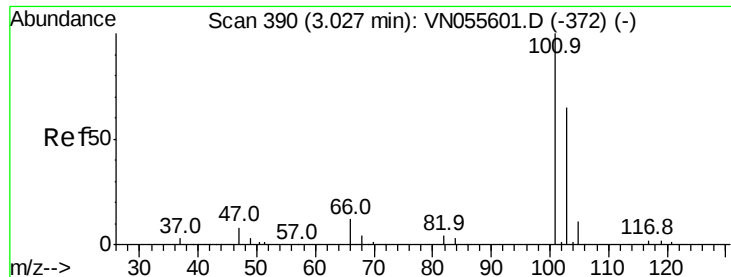
10000

0

Time-->

2.60 2.70 2.80

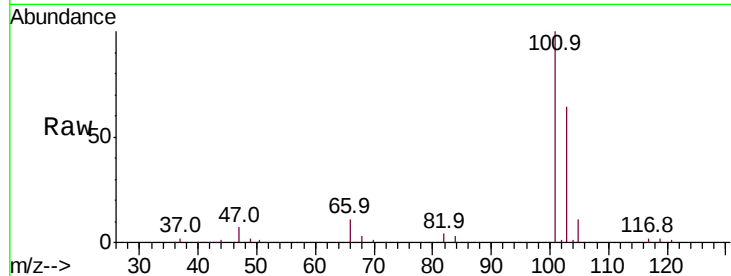




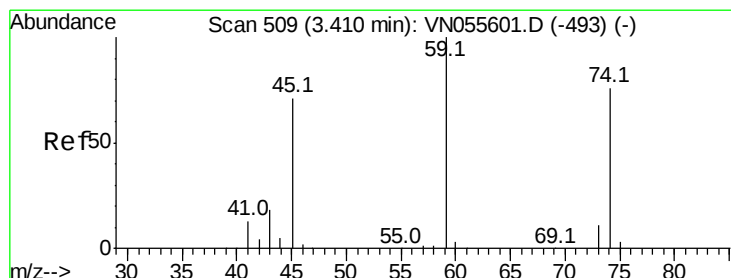
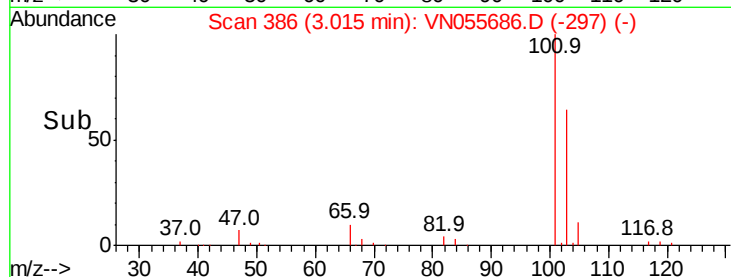
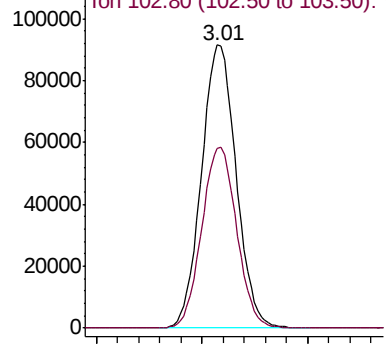
#7

Trichlorofluoromethane
 Concen: 41.978 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.3	78.5



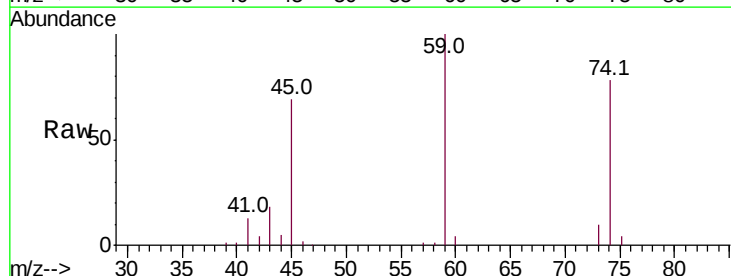
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



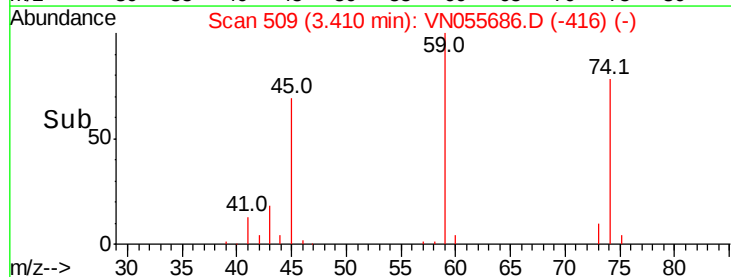
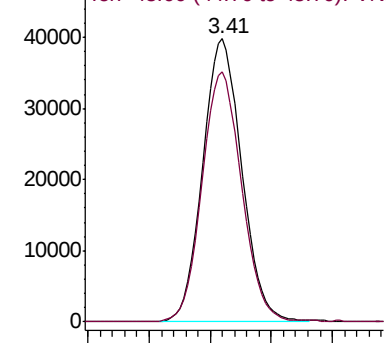
#8

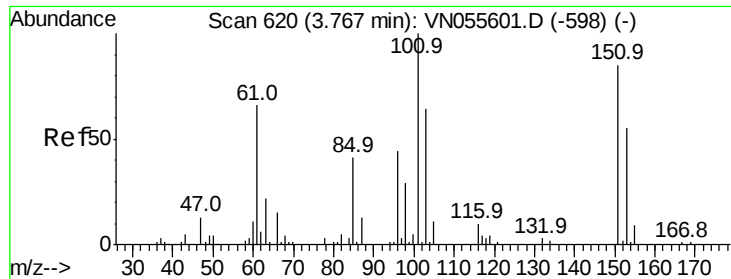
Diethyl Ether
 Concen: 44.211 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	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: 42.888 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

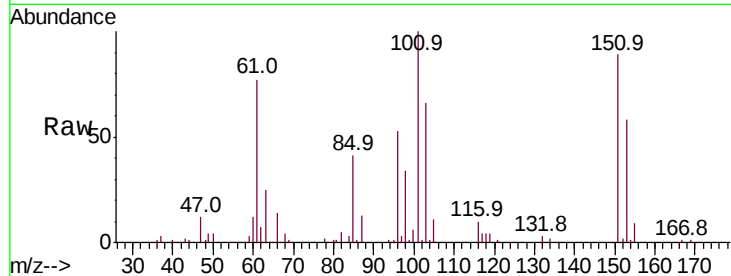
Tot Ion:101 Resp: 130080

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.0

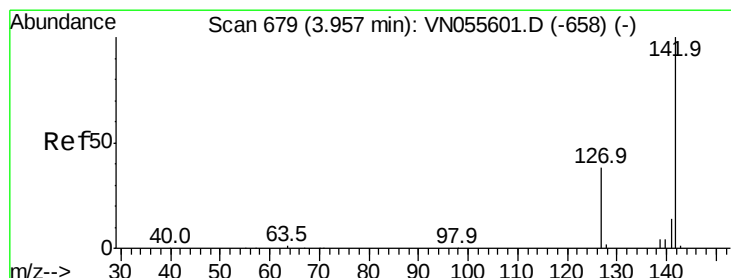
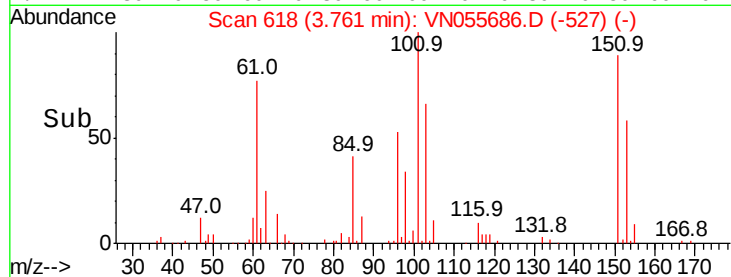
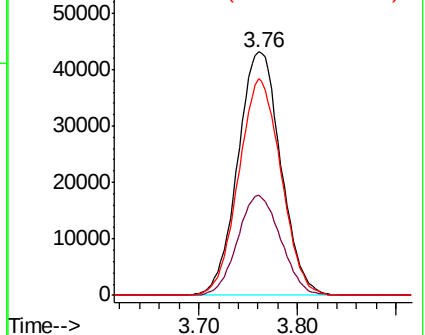
151 87.8 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.676 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

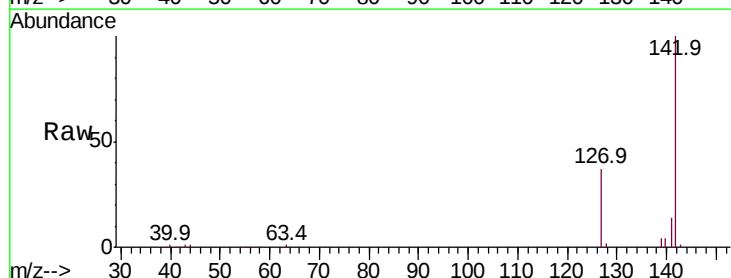
Tgt Ion:142 Resp: 204095

Ion Ratio Lower Upper

142 100

127 37.2 31.0 46.4

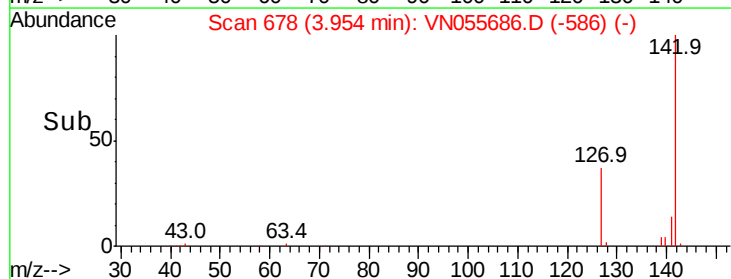
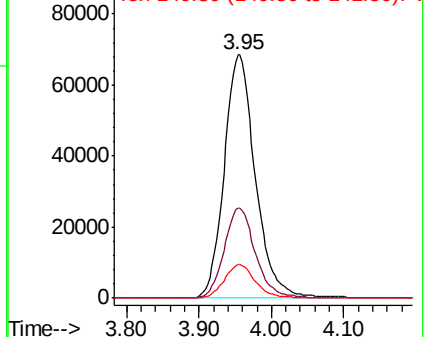
141 13.7 11.5 17.3

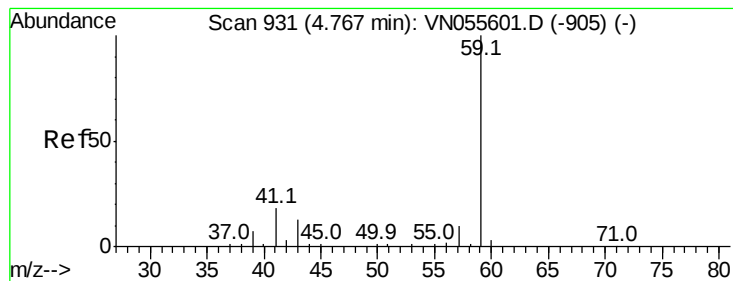


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

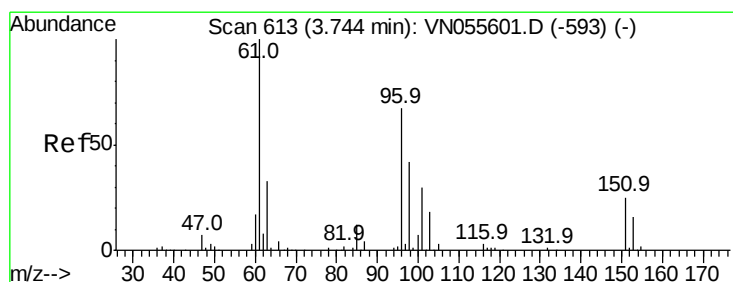
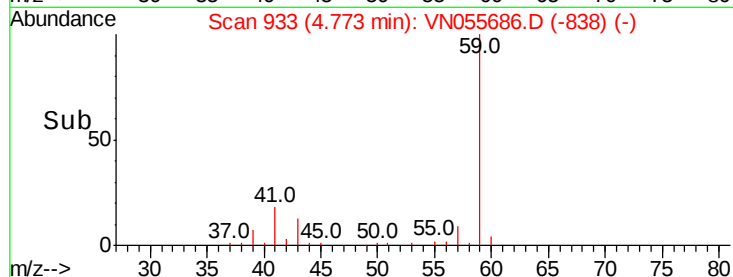
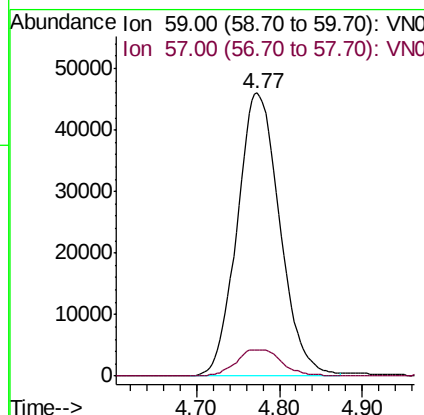
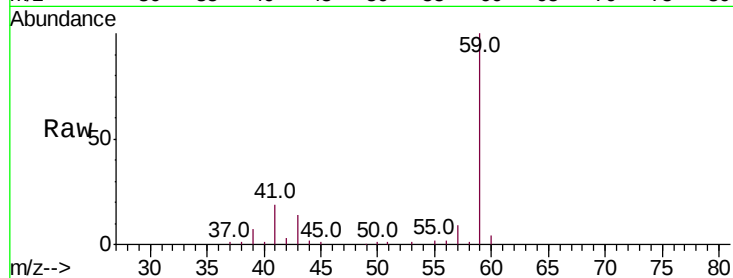




#11

Tert butyl alcohol
 Concen: 230.207 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

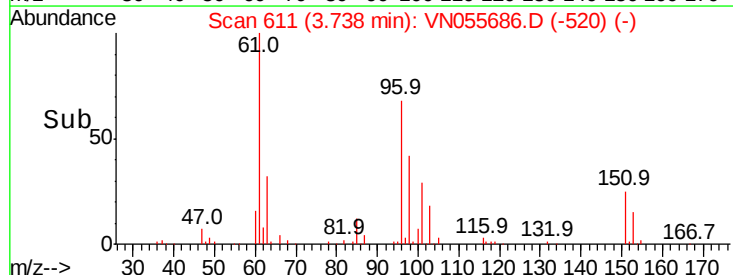
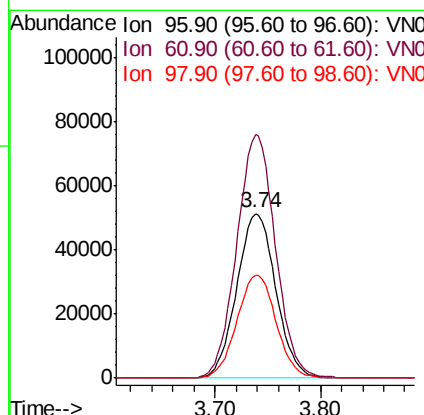
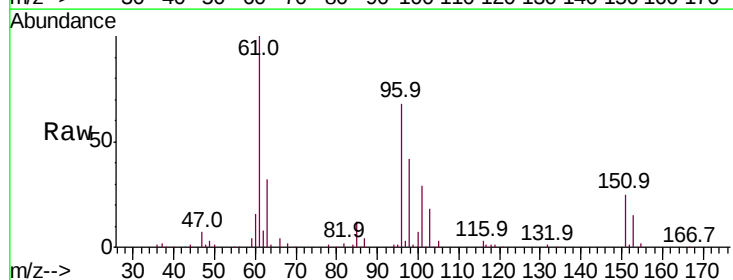
Tot Ion: 59 Resp: 164406
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.6

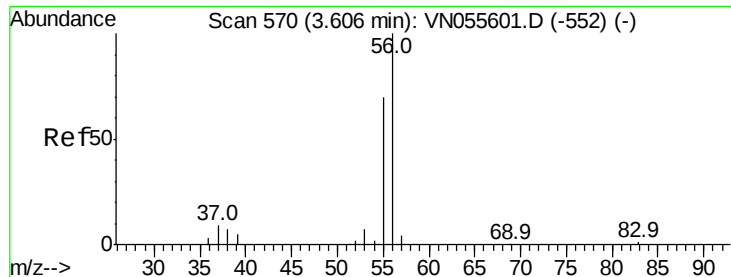


#12

1,1-Dichloroethene
 Concen: 41.466 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tgt Ion: 96 Resp: 132300
 Ion Ratio Lower Upper
 96 100
 61 148.0 120.2 180.2
 98 62.9 50.6 75.8





#13

Acrolein

Concen: 213.508 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055686.D

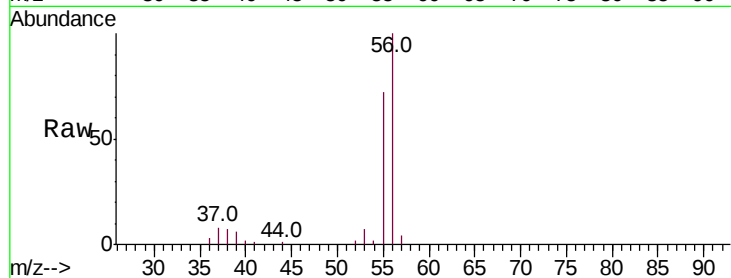
Acq: 20 May 2019 20:06

Tot Ion: 56 Resp: 77706

Ion Ratio Lower Upper

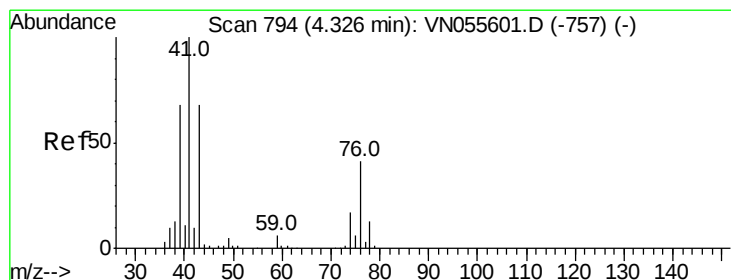
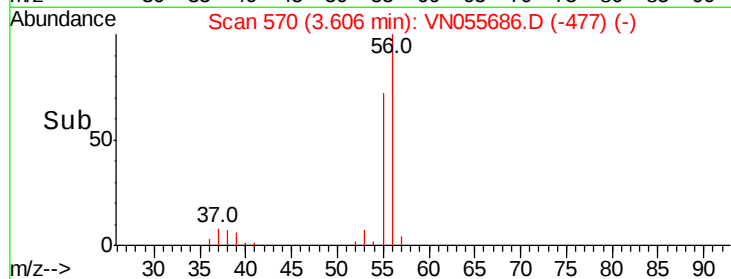
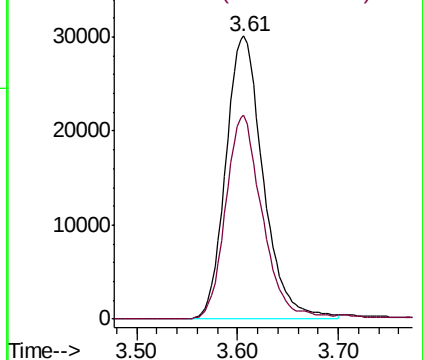
56 100

55 70.5 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: 41.410 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

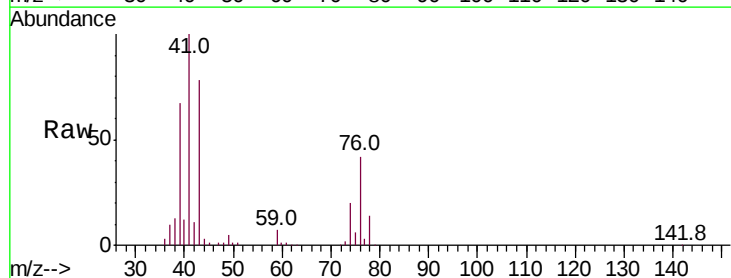
Tgt Ion: 41 Resp: 213294

Ion Ratio Lower Upper

41 100

39 61.6 50.5 75.7

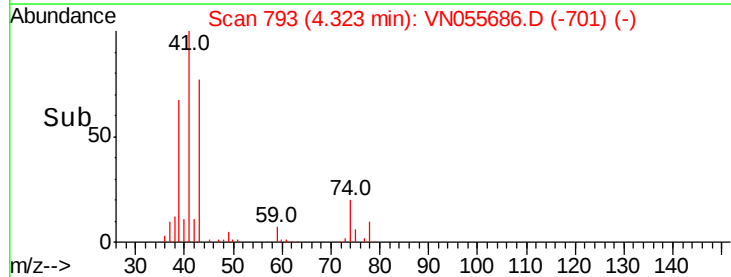
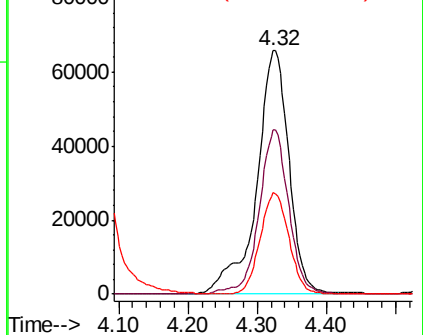
76 36.9 29.2 43.8

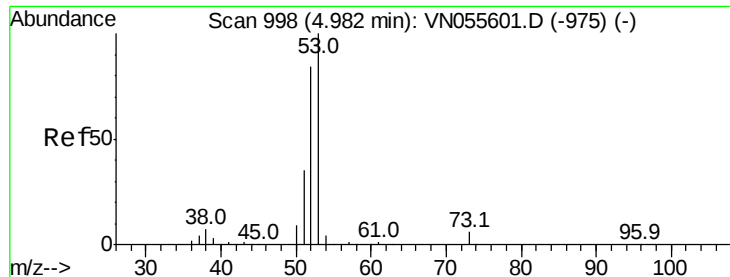


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 229.849 ug/l

RT: 4.99 min Scan# 999

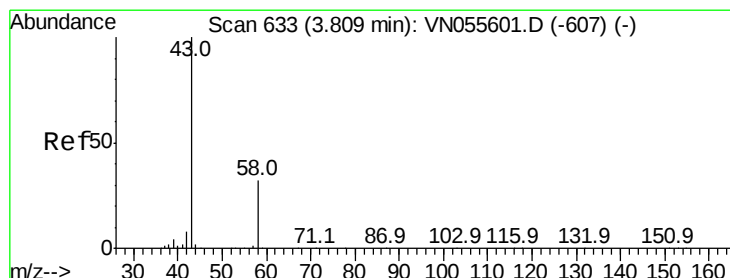
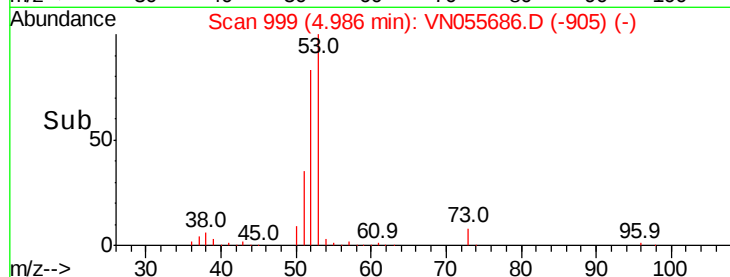
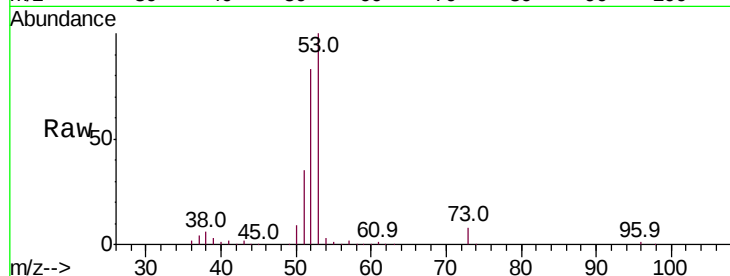
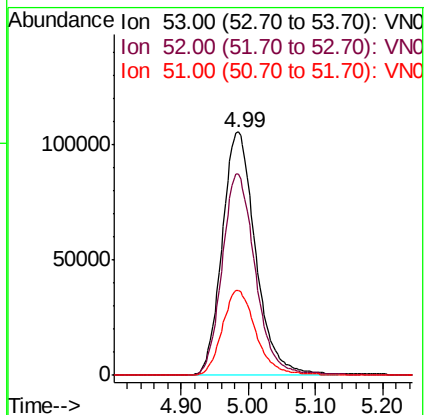
Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

Tot Ion: 53 Resp: 365206

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.4
51	35.4	28.5	42.7



#16

Acetone

Concen: 188.453 ug/l

RT: 3.81 min Scan# 634

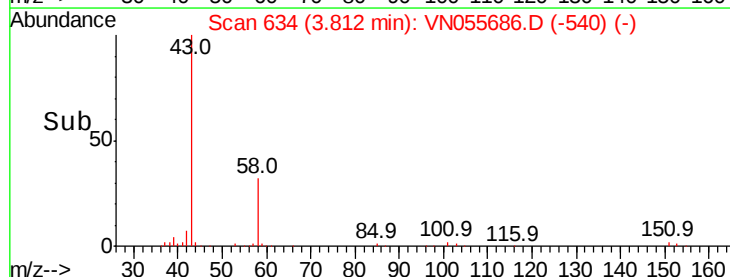
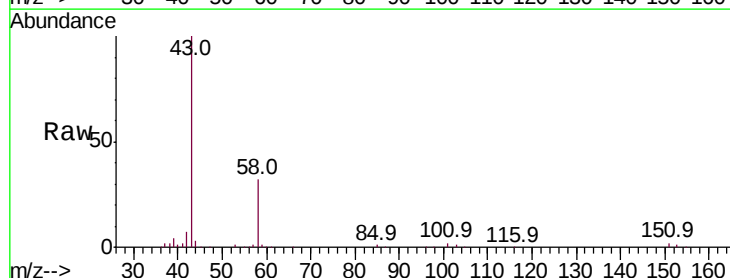
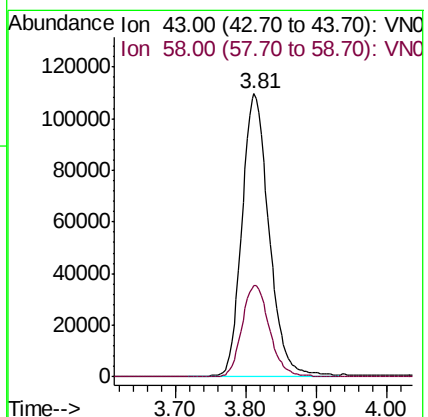
Delta R.T. 0.00 min

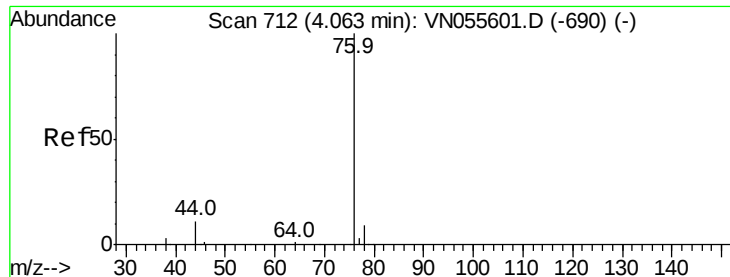
Lab File: VN055686.D

Acq: 20 May 2019 20:06

Tgt Ion: 43 Resp: 294527

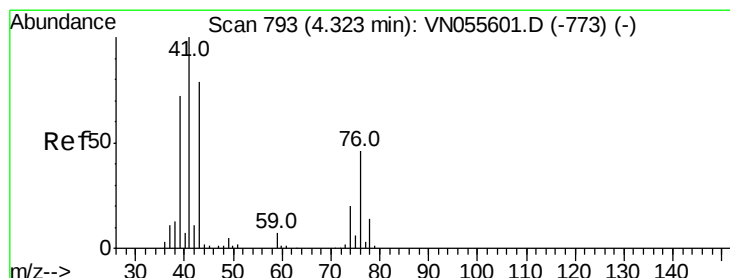
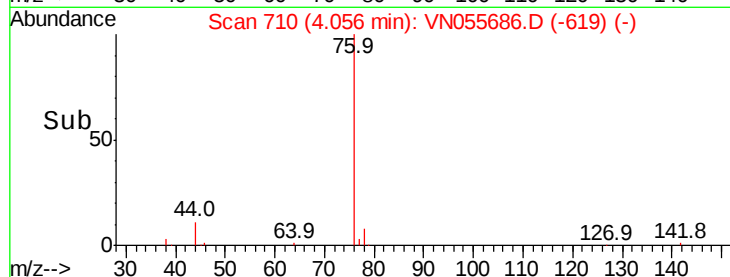
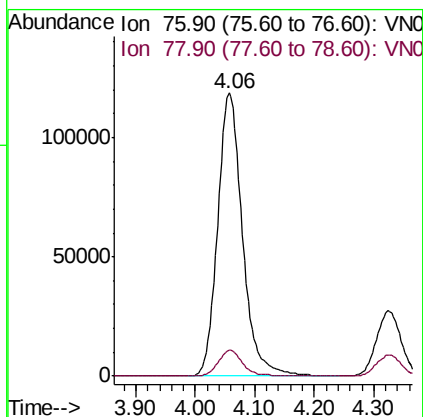
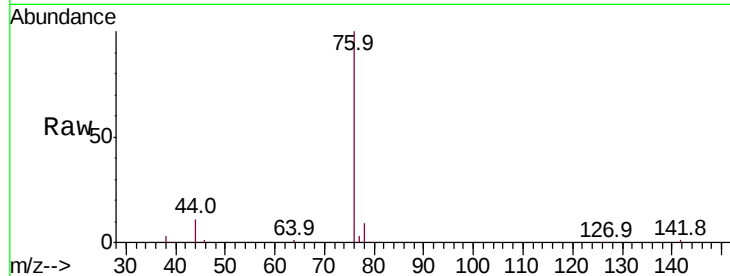
Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.0	39.0





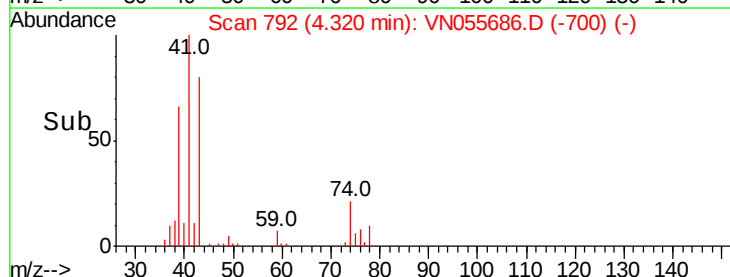
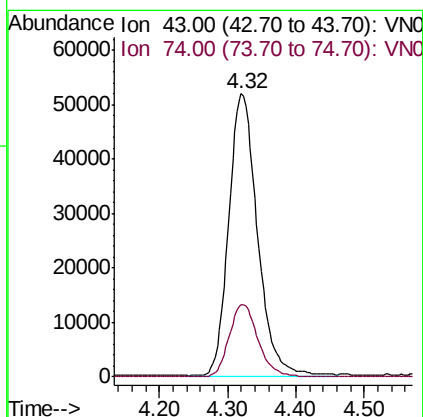
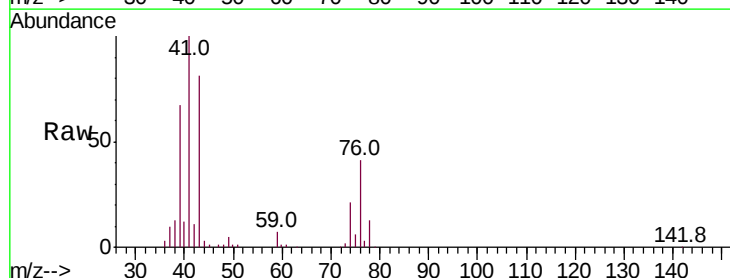
#17
Carbon Disulfide
Concen: 38.604 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.01 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

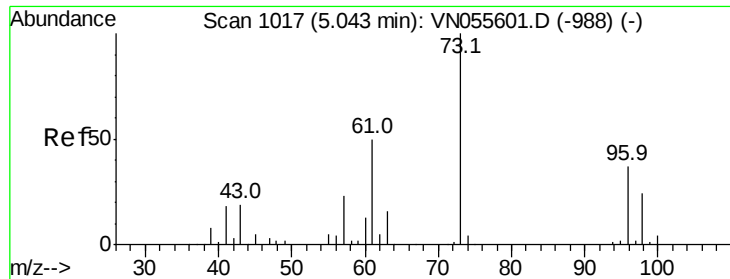
Tot Ion: 76 Resp: 342398
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 45.217 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion: 43 Resp: 151501
Ion Ratio Lower Upper
43 100
74 26.0 19.9 29.9

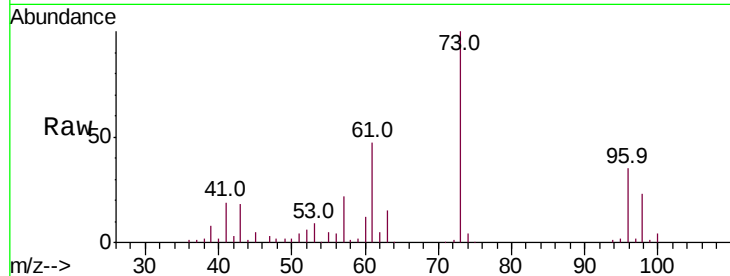




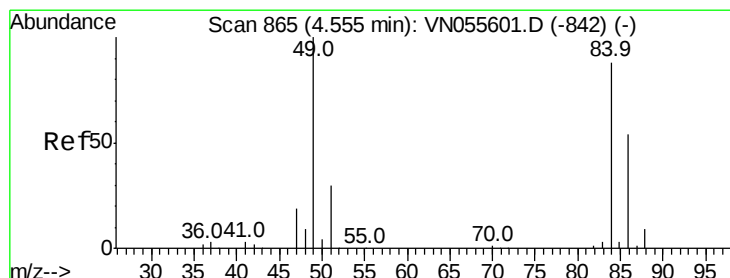
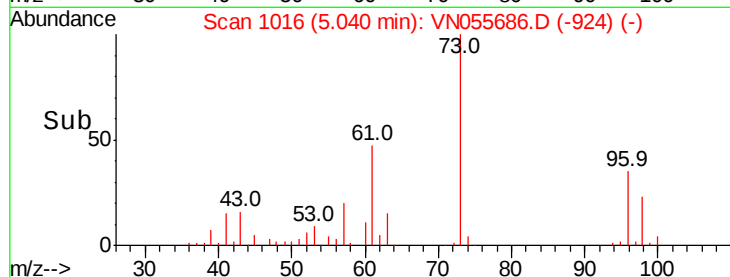
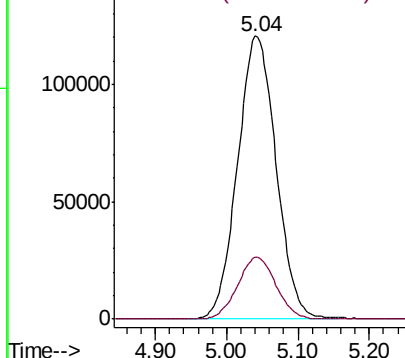
#19

Methvl tert-butvl Ether
Concen: 42.965 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tot Ion: 73 Resp: 453500
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.2



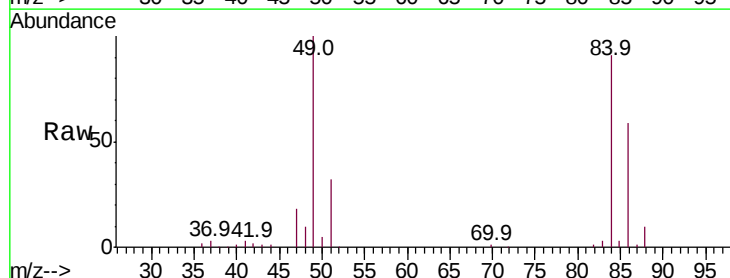
Abundance Ion 73.00 (72.70 to 73.70): VNC
Ion 57.00 (56.70 to 57.70): VNC



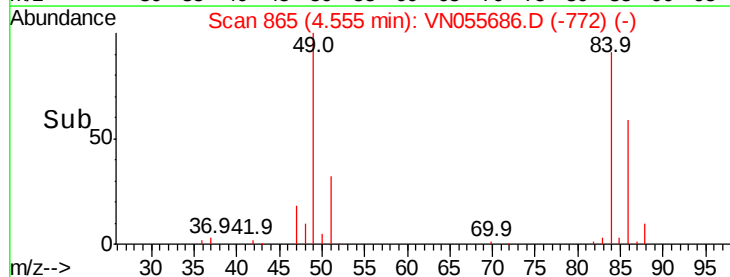
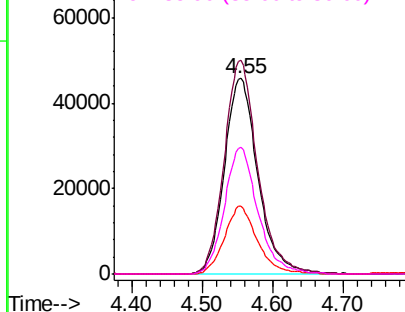
#20

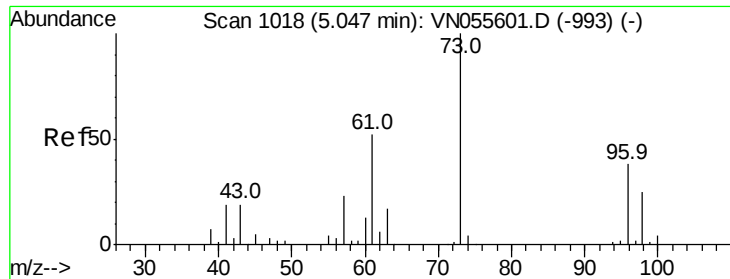
Methylene Chloride
Concen: 42.601 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion: 84 Resp: 151944
Ion Ratio Lower Upper
84 100
49 109.3 91.0 136.4
51 34.8 27.5 41.3
86 64.8 49.4 74.0



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

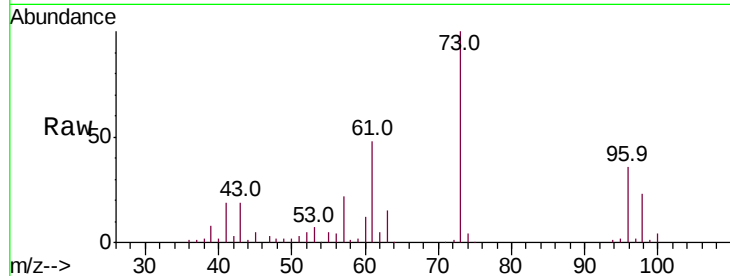




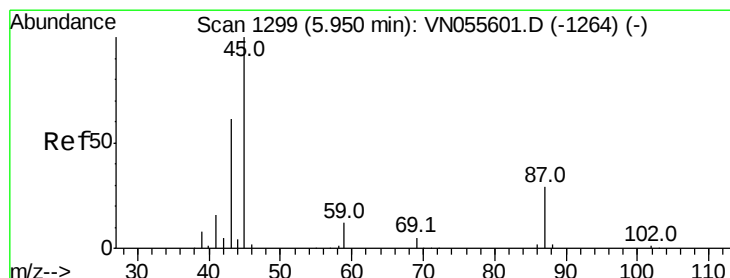
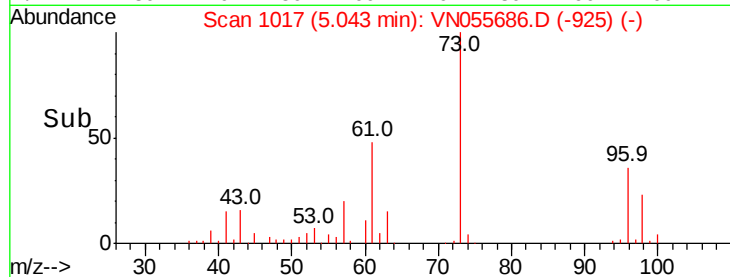
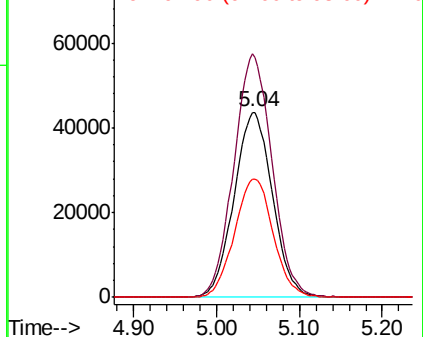
#21

trans-1,2-Dichloroethene
Concen: 41.341 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	108.6	162.8
98	64.0	51.4	77.0



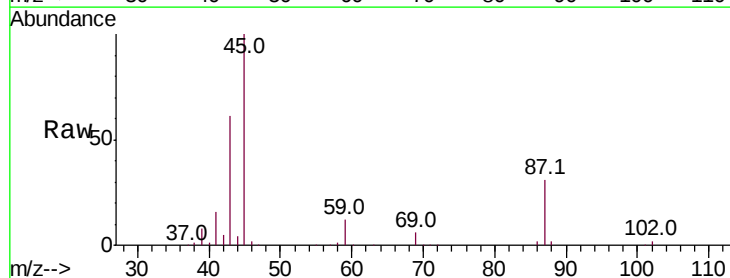
Abundance Ion 95.90 (95.60 to 96.60): VN055601.D (-993) (-)



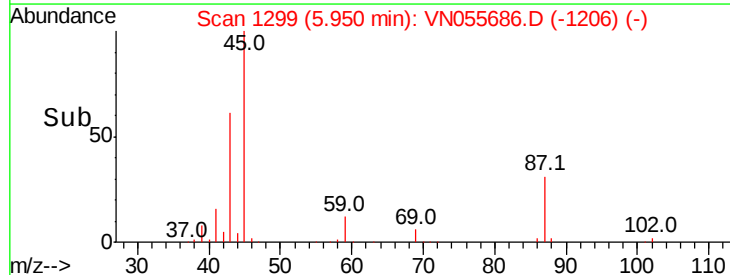
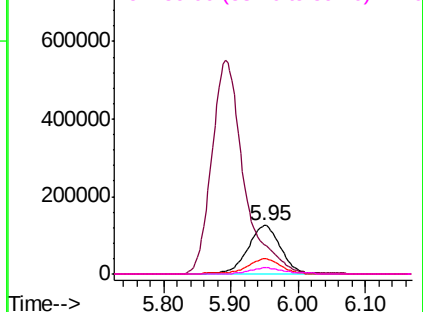
#22

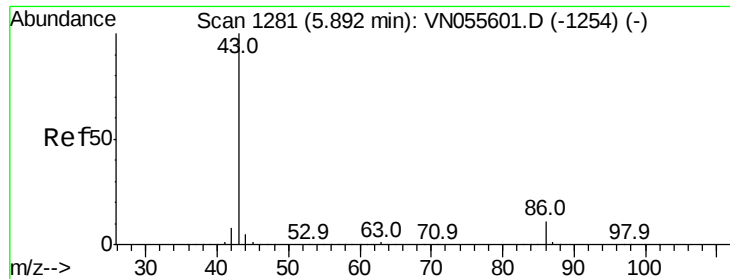
Diisopropyl ether
Concen: 41.956 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.9	50.4	75.6
87	31.0	23.8	35.6
59	12.1	9.5	14.3



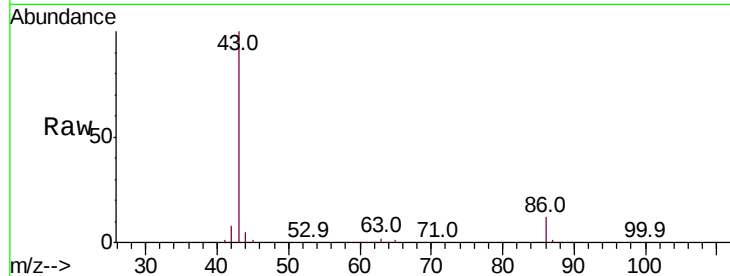
Abundance Ion 45.00 (44.70 to 45.70): VN055601.D (-1264) (-)



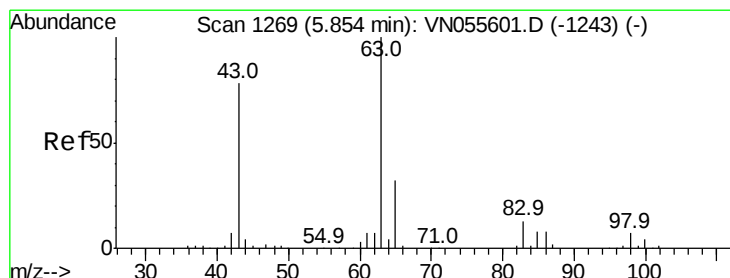
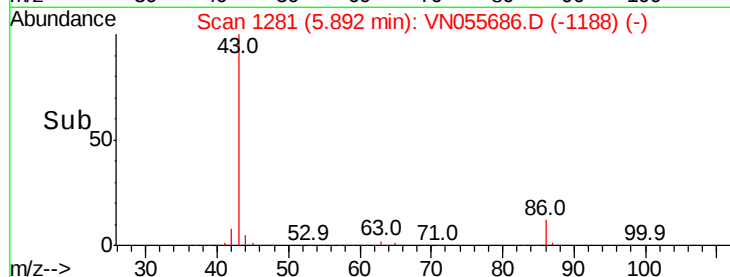
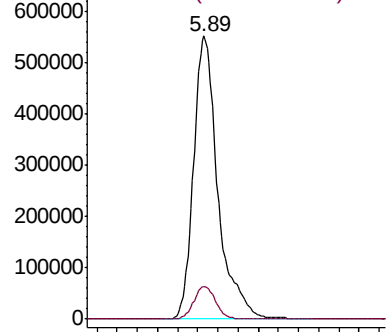


#23
 Vinyl Acetate
 Concen: 213.326 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tot Ion: 43 Resp: 1847469
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.7 13.1

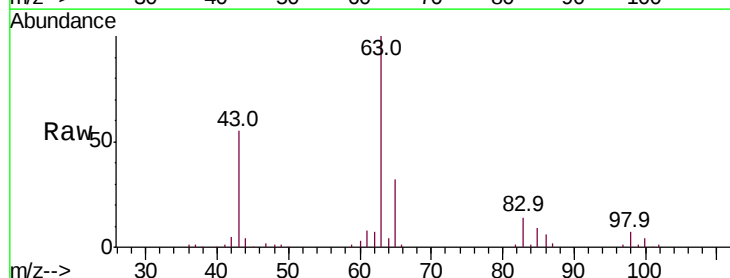


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0

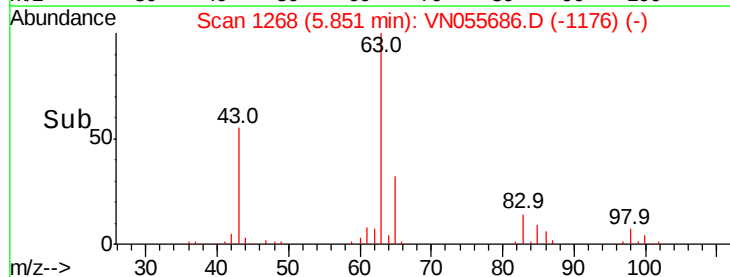
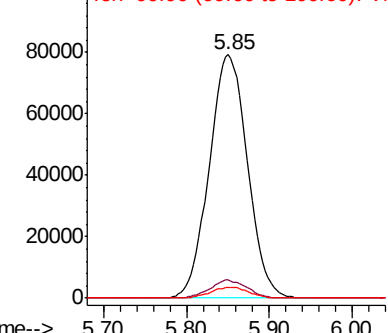


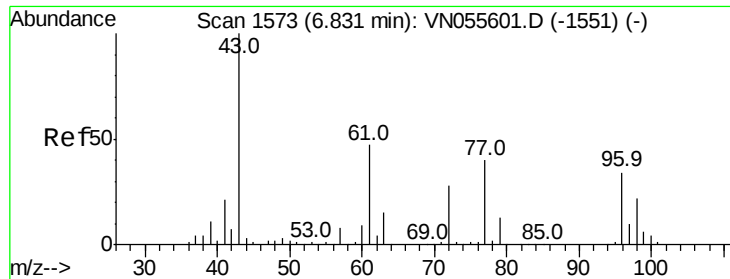
#24
 1,1-Dichloroethane
 Concen: 42.510 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tgt Ion: 63 Resp: 254398
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 217.313 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055686.D

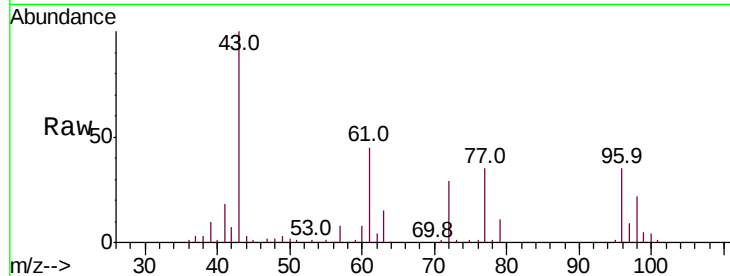
Acq: 20 May 2019 20:06

Tot Ion: 43 Resp: 474878

Ion Ratio Lower Upper

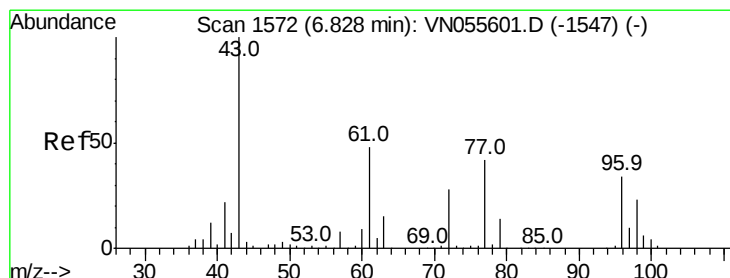
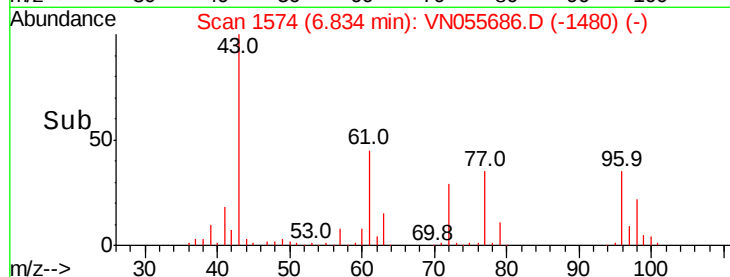
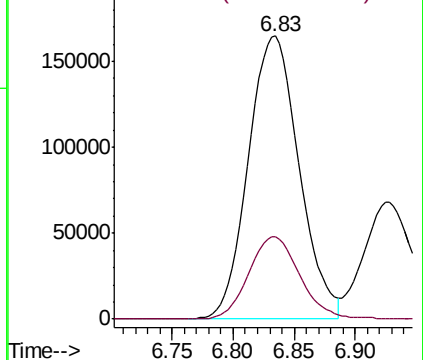
43 100

72 29.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 37.401 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055686.D

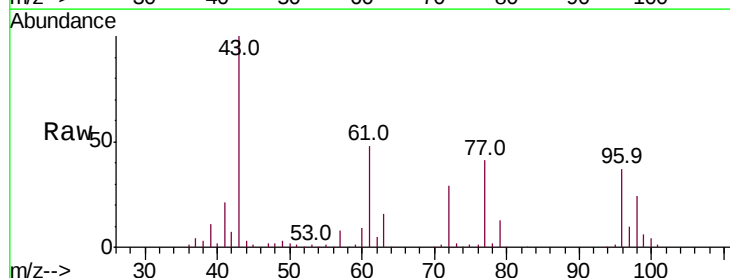
Acq: 20 May 2019 20:06

Tgt Ion: 77 Resp: 198648

Ion Ratio Lower Upper

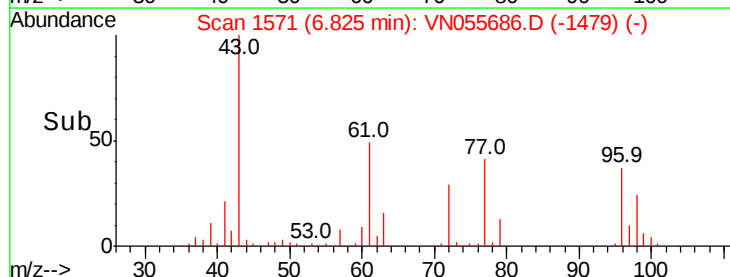
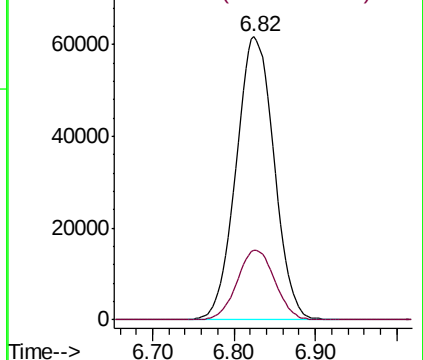
77 100

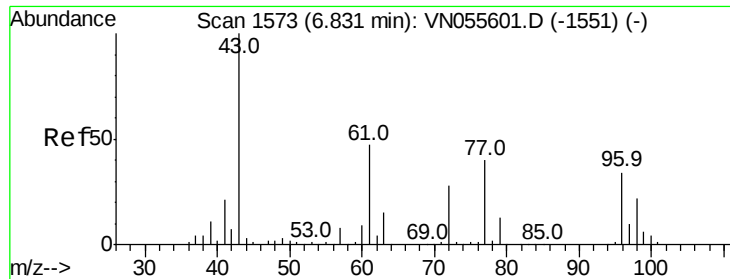
97 24.5 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 43.327 ug/l

RT: 6.83 min Scan# 1573

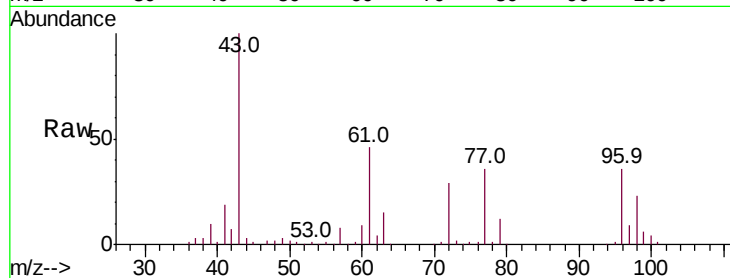
Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

Tot Ion: 96 Resp: 171478

Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	279.0
98	64.5	0.0	131.6

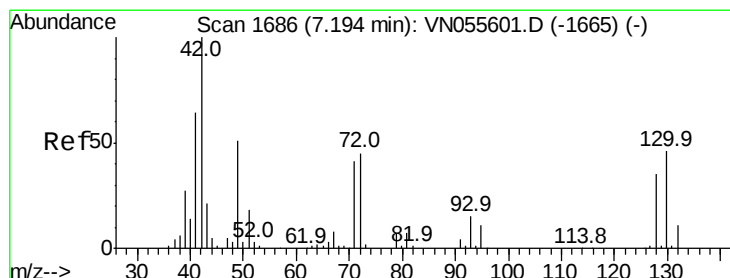
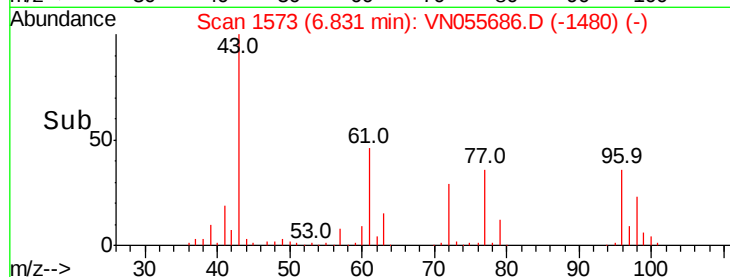
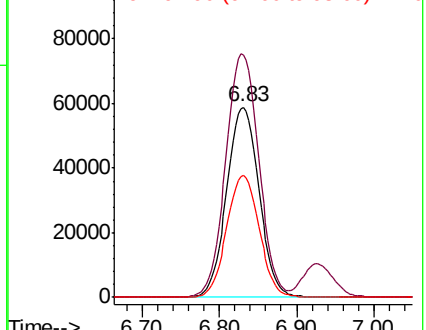


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 43.803 ug/l

RT: 7.19 min Scan# 1686

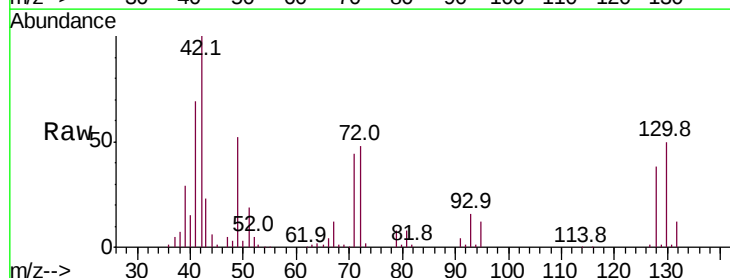
Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

Tgt Ion: 49 Resp: 114044

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	95.7	71.0	106.6

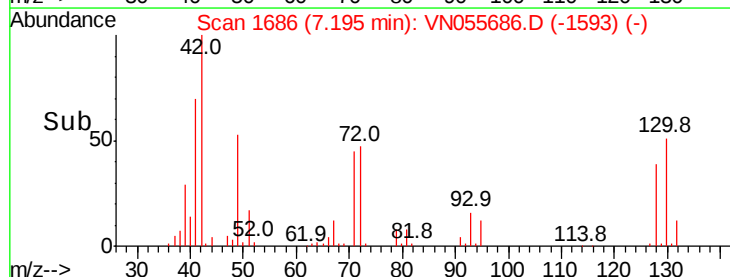
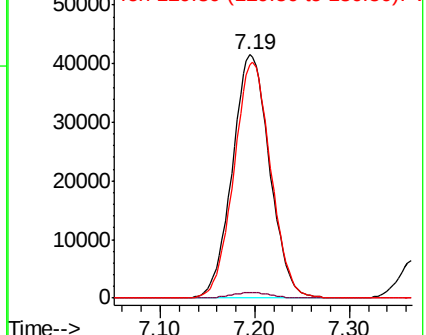


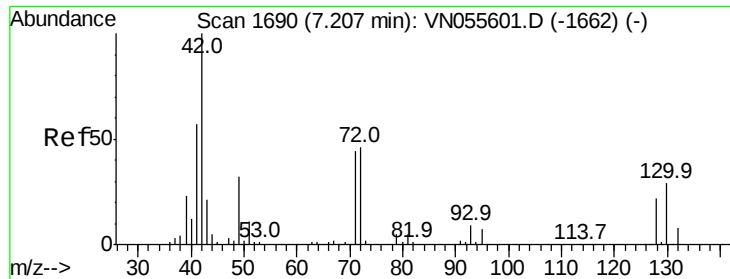
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

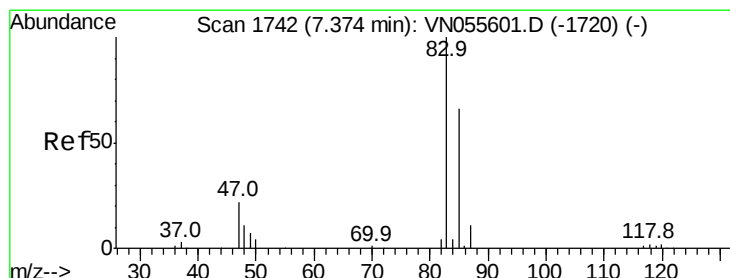
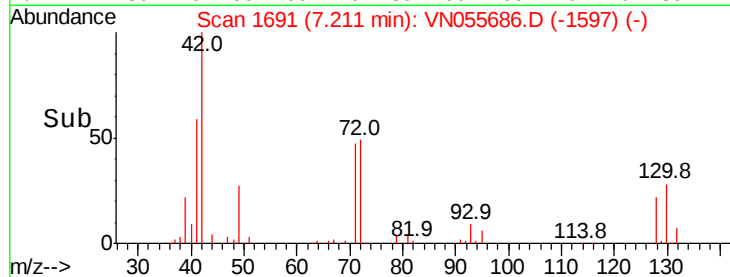
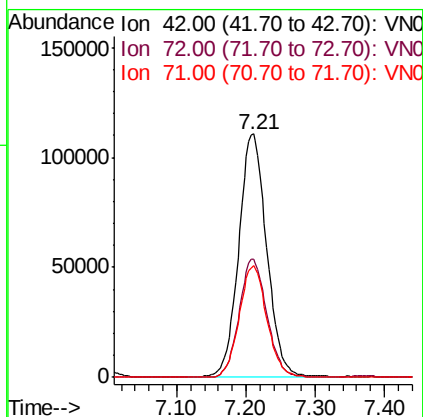
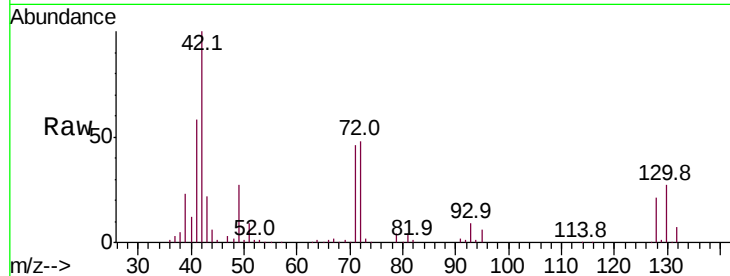
Ion 129.80 (129.50 to 130.50): V





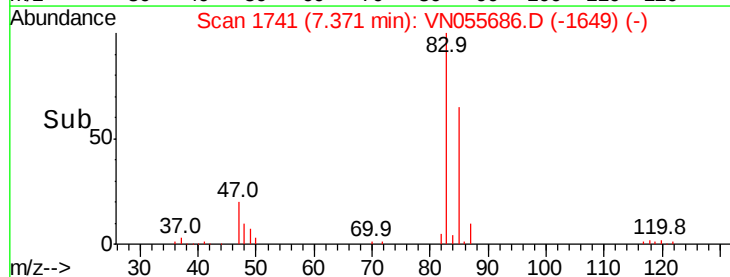
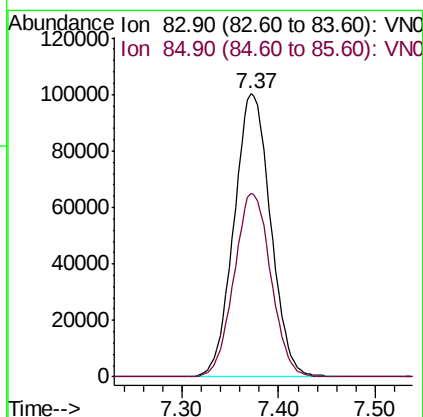
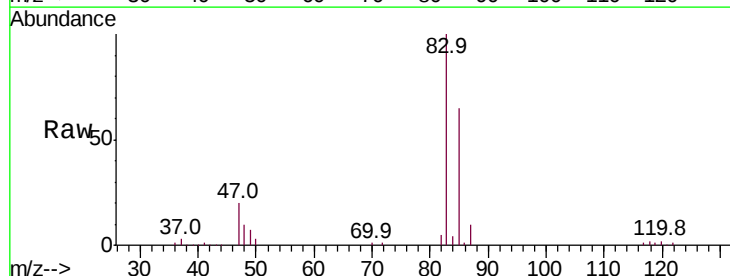
#29
Tetrahydrofuran
Concen: 215.710 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

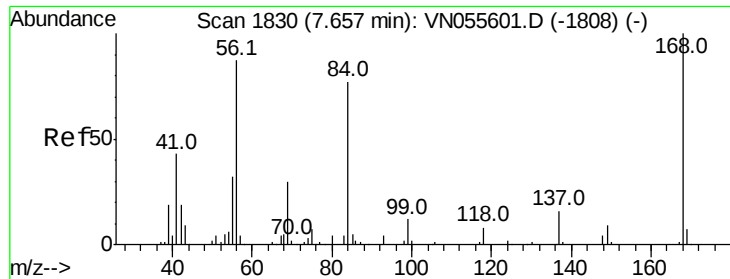
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	36.5	54.7
71	45.4	34.9	52.3



#30
Chloroform
Concen: 42.955 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	78.8





#31

Cyclohexane

Concen: 39.687 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

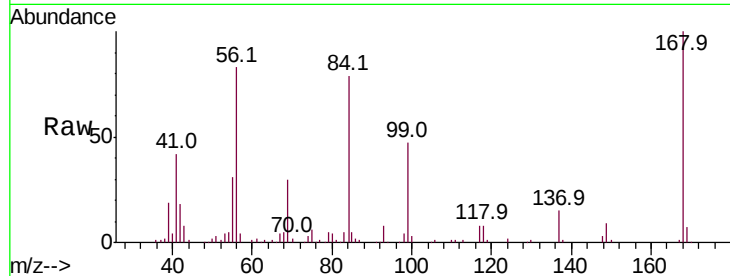
Tot Ion: 56 Resp: 225413

Ion Ratio Lower Upper

56 100

69 35.5 27.2 40.8

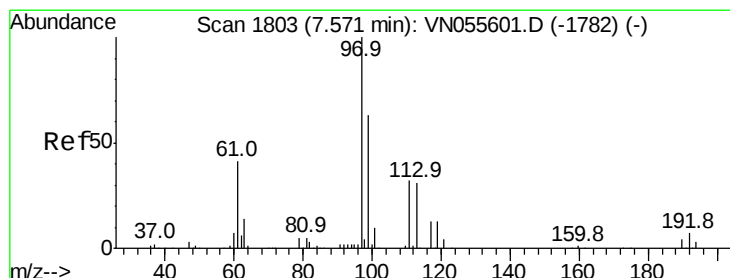
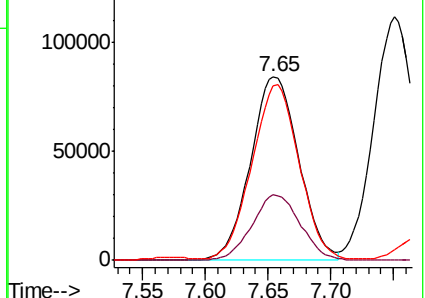
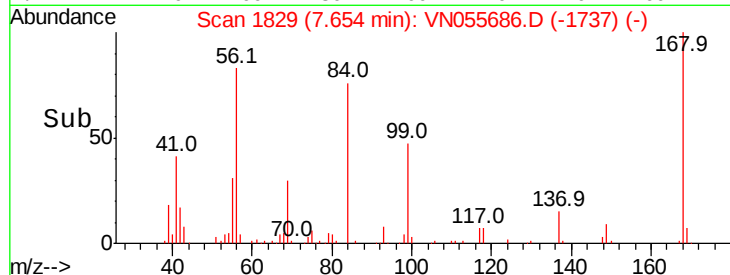
84 93.8 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN055686.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN055686.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN055686.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 43.074 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

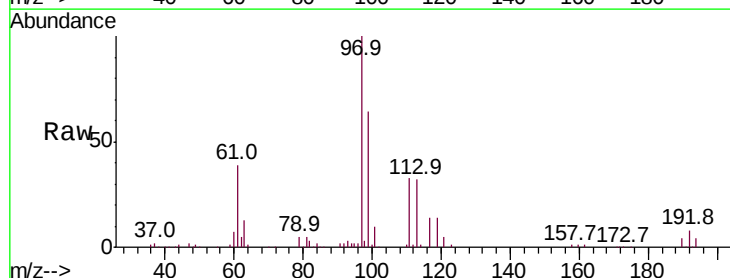
Tgt Ion: 97 Resp: 237333

Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.2

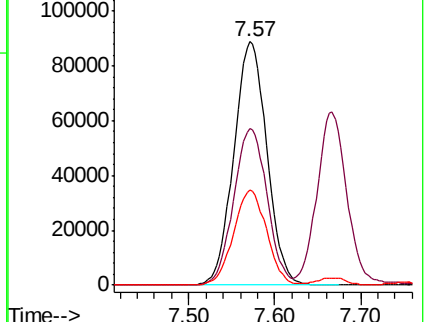
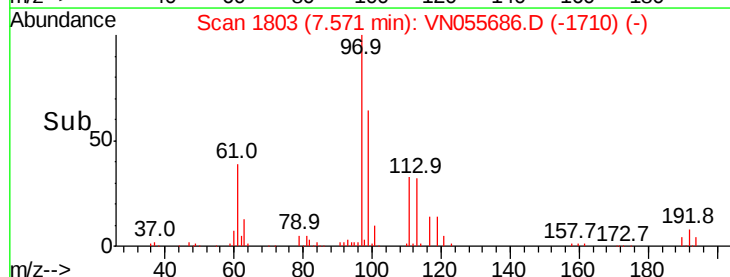
61 39.0 32.9 49.3

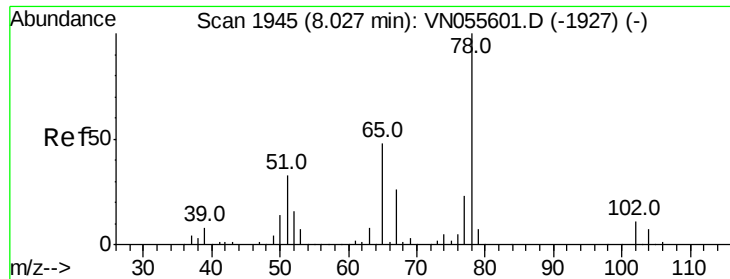


Abundance Ion 96.90 (96.60 to 97.60): VN055686.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055686.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055686.D (-1710) (-)





#33

1,2-Dichloroethane-d4

Concen: 44.616 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055686.D

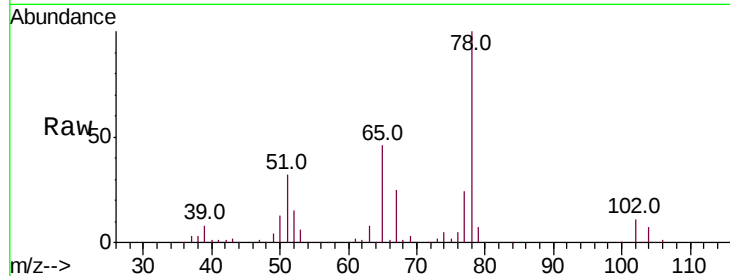
Acq: 20 May 2019 20:06

Tot Ion: 65 Resp: 170863

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055686.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055686.D (-1852) (-)

8.03

80000

60000

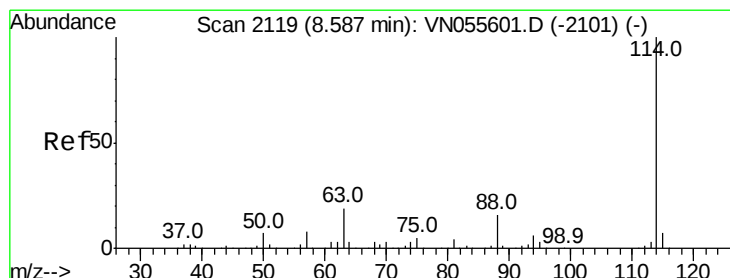
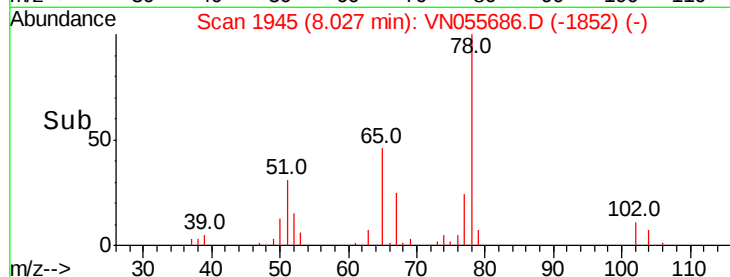
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

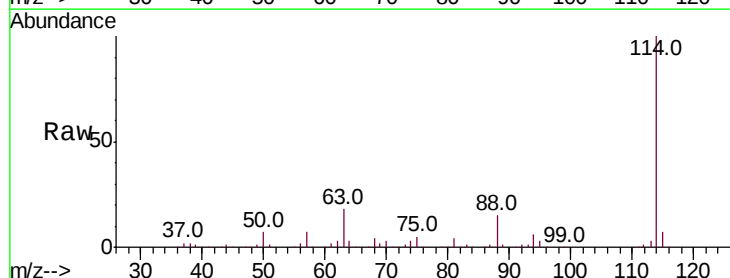
Tgt Ion: 114 Resp: 512146

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.2

88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN055686.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055686.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055686.D (-2026) (-)

8.59

300000

250000

200000

150000

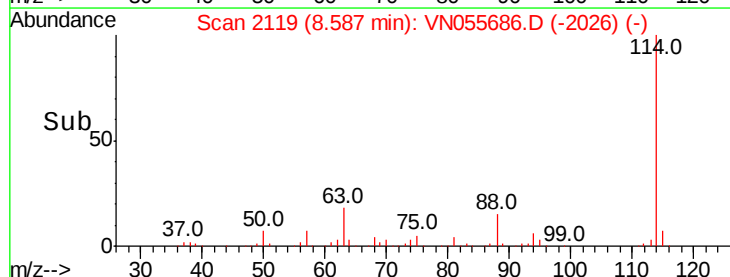
100000

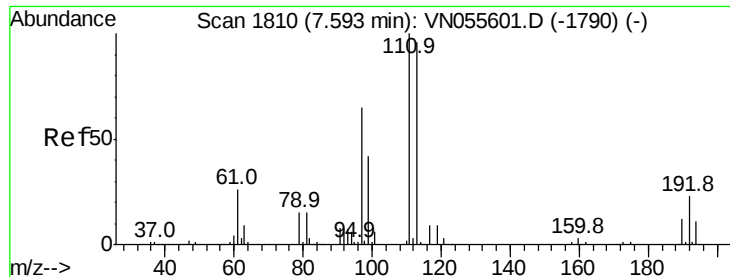
50000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 48.376 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

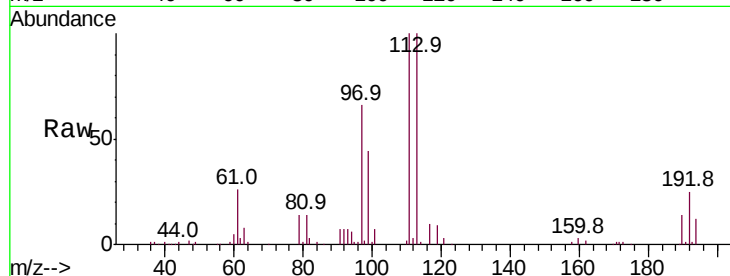
Tot Ion:113 Resp: 157387

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.5	123.7
192	25.7	18.7	28.1

113 100

111 103.0 82.5 123.7

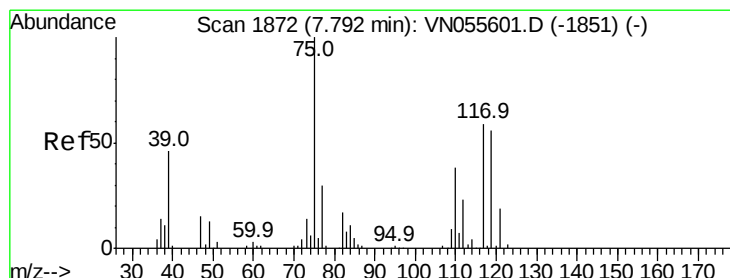
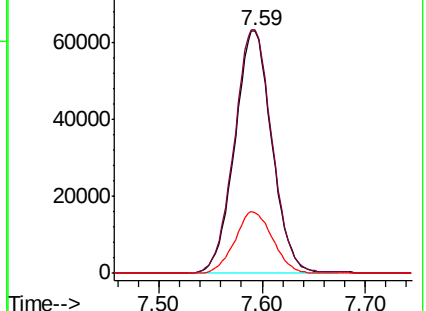
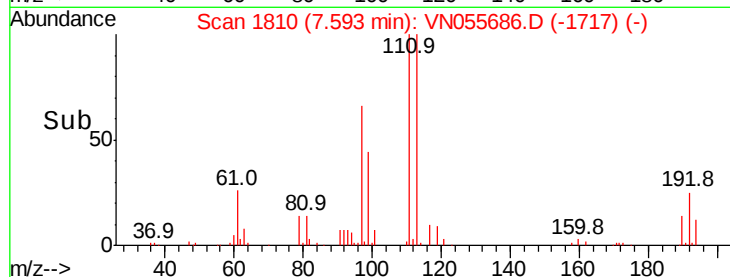
192 25.7 18.7 28.1



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: 42.974 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

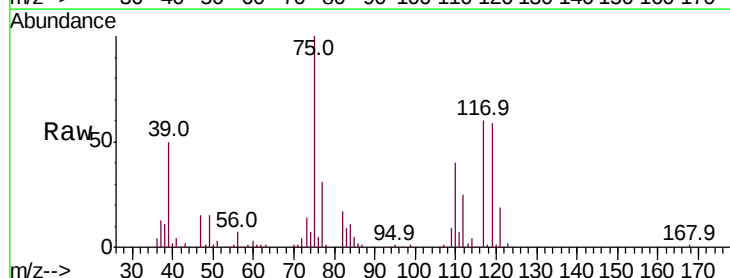
Tgt Ion: 75 Resp: 196224

Ion	Ratio	Lower	Upper
75	100		
110	39.4	18.6	55.6
77	31.1	24.9	37.3

75 100

110 39.4 18.6 55.6

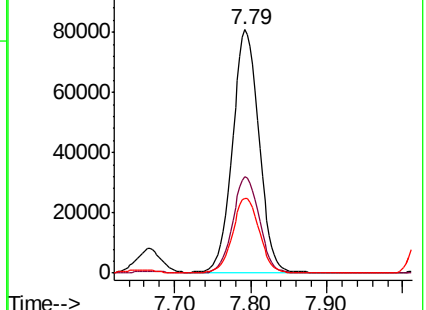
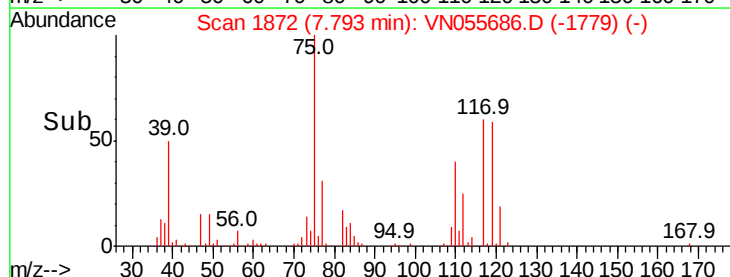
77 31.1 24.9 37.3

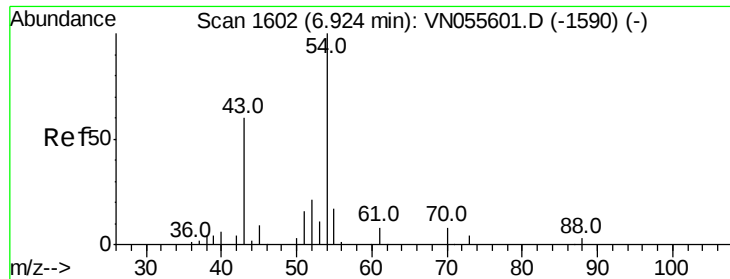


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

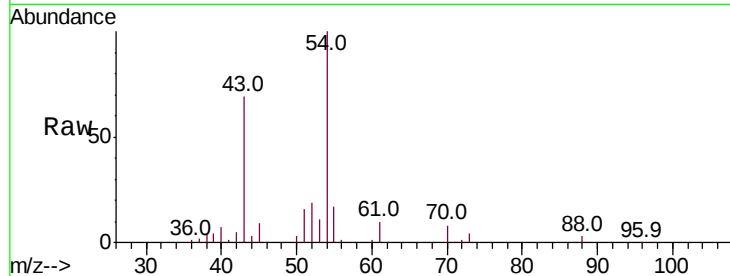
Ion 76.90 (76.60 to 77.60): V



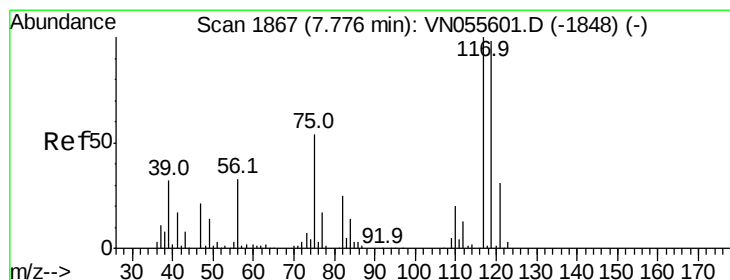
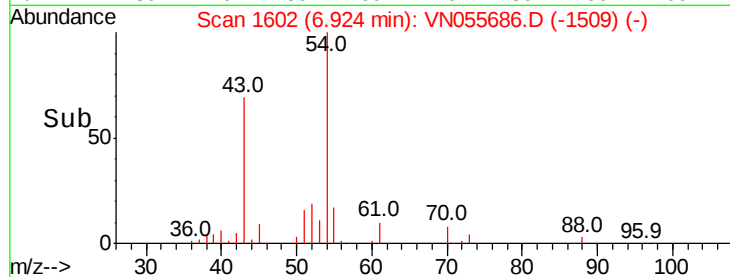
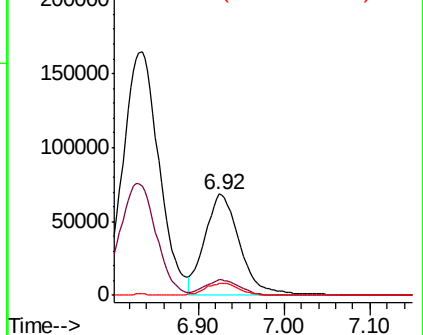


#37
Ethyl Acetate
Concen: 46.656 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tot Ion: 43 Resp: 192239
Ion Ratio Lower Upper
43 100
61 15.4 11.4 17.0
70 11.9 9.2 13.8

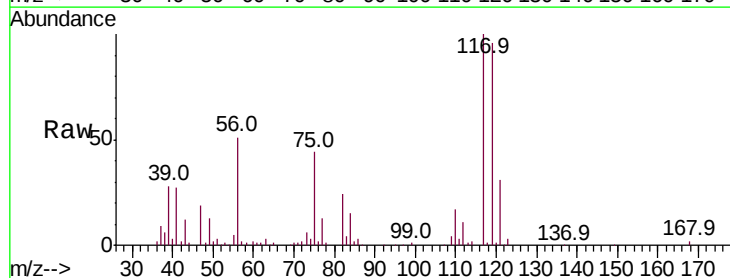


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

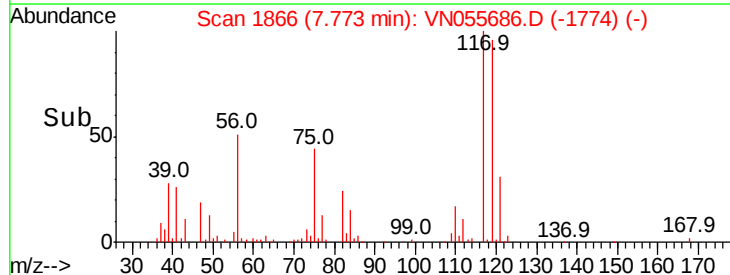
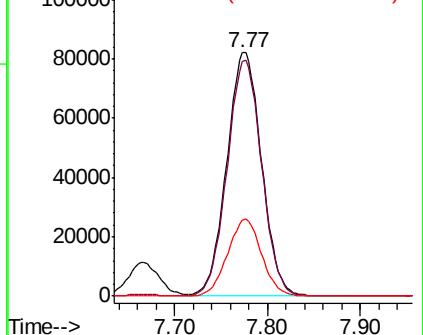


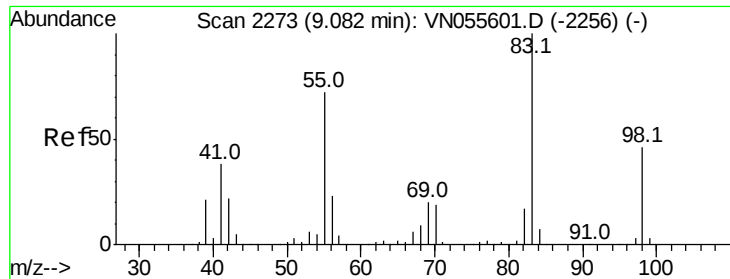
#38
Carbon Tetrachloride
Concen: 43.824 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion: 117 Resp: 213832
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8
121 31.3 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 44.601 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

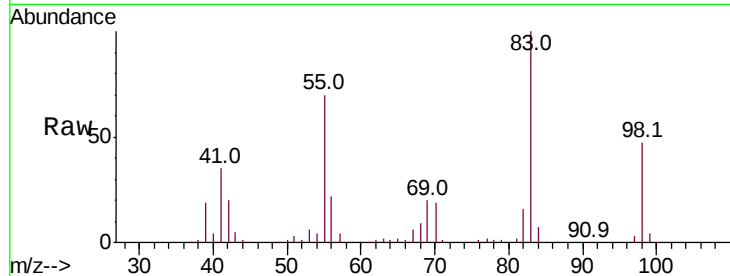
Tot Ion: 83 Resp: 245499

Ion Ratio Lower Upper

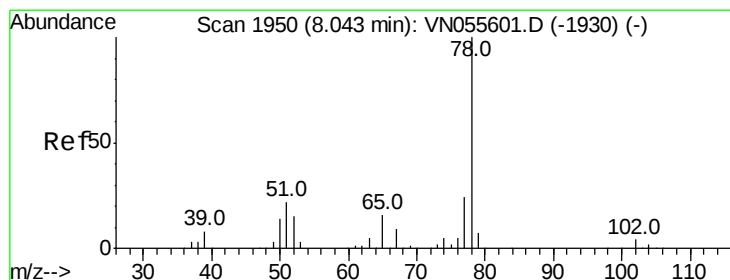
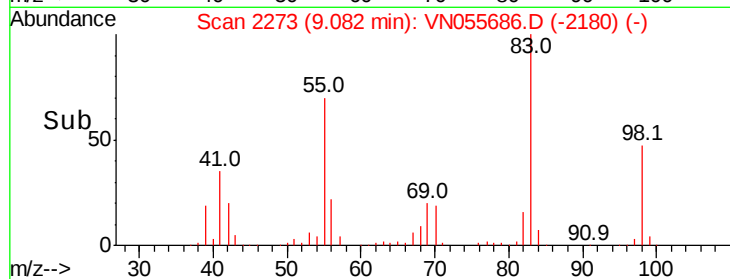
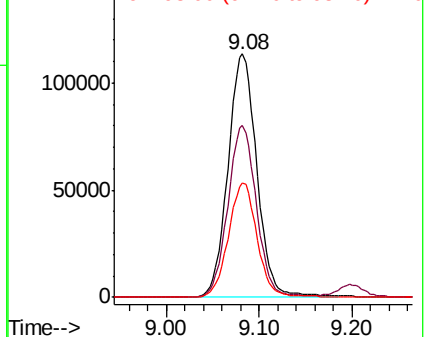
83 100

55 70.4 57.8 86.6

98 47.0 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: 45.908 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN055686.D

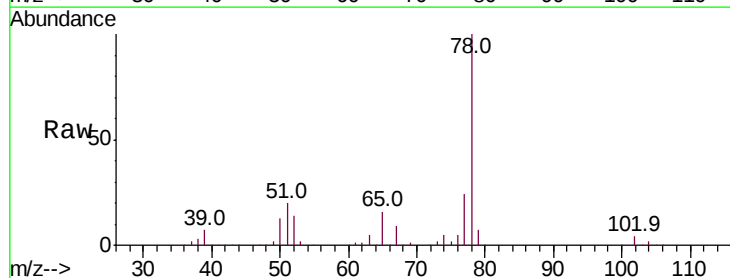
Acq: 20 May 2019 20:06

Tgt Ion: 78 Resp: 616552

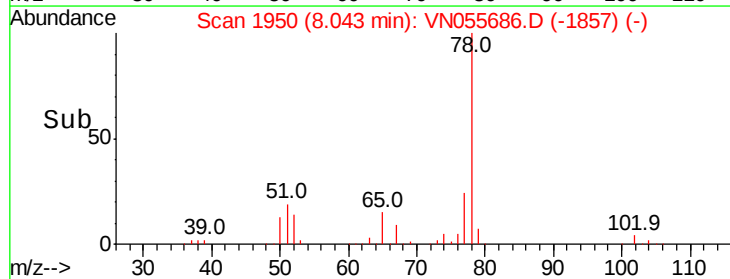
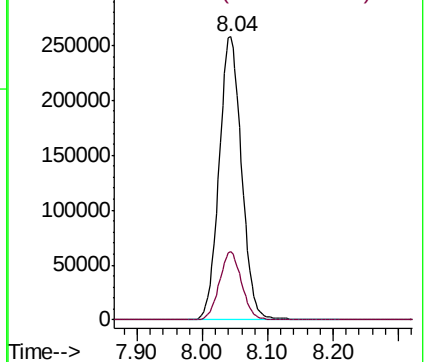
Ion Ratio Lower Upper

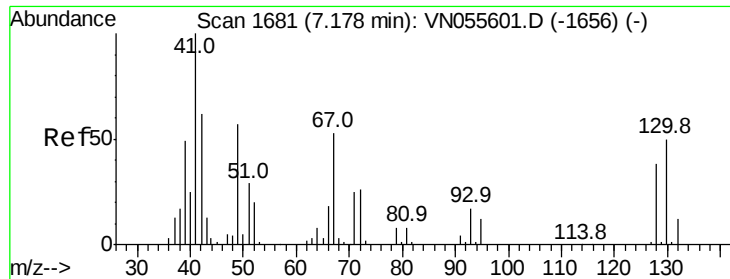
78 100

77 24.0 18.9 28.3



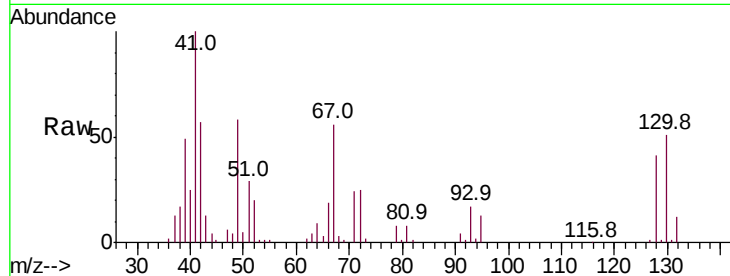
Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0



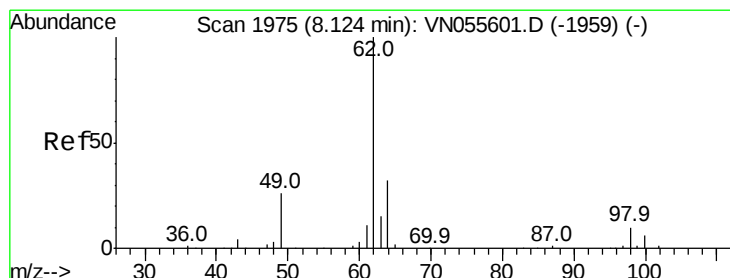
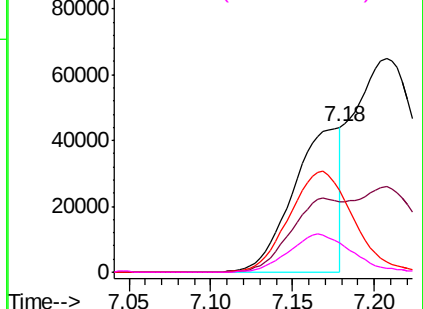
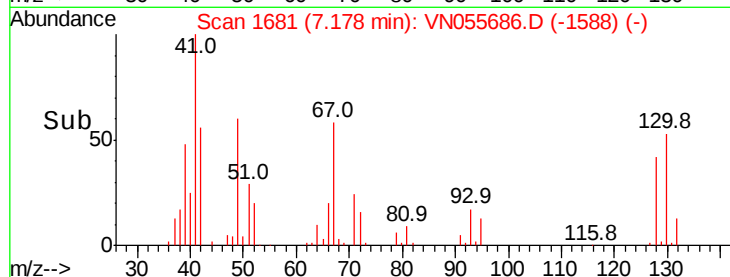


#41
Methacrylonitrile
Concen: 49.409 ug/l m
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tot Ion:	41	Resp:	87038
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

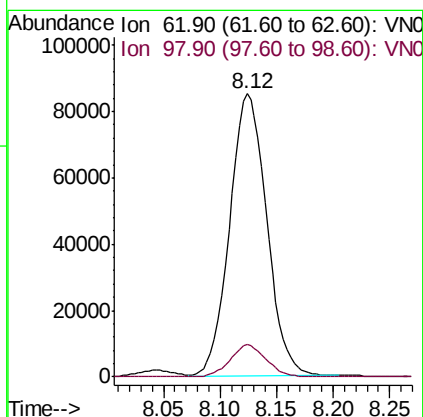
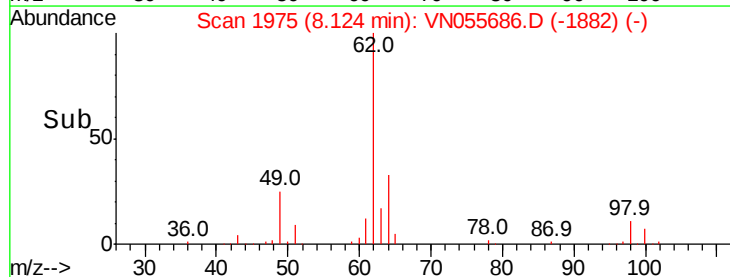
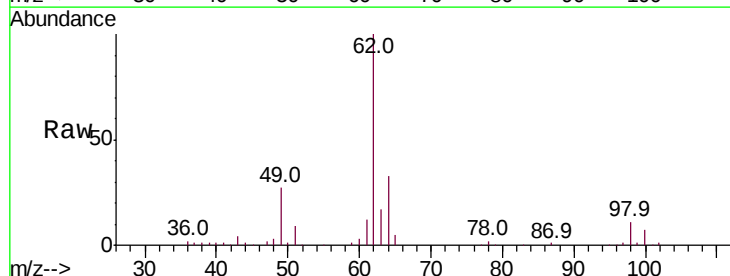


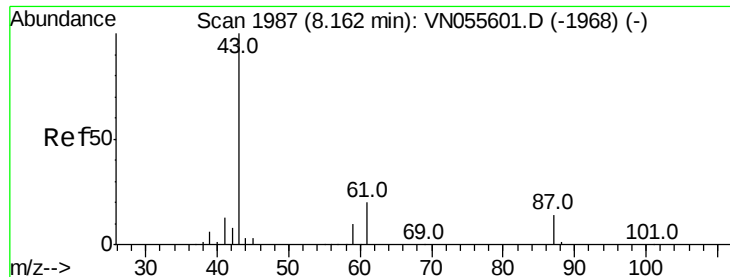
Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 44.671 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion:	62	Resp:	194272
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.2

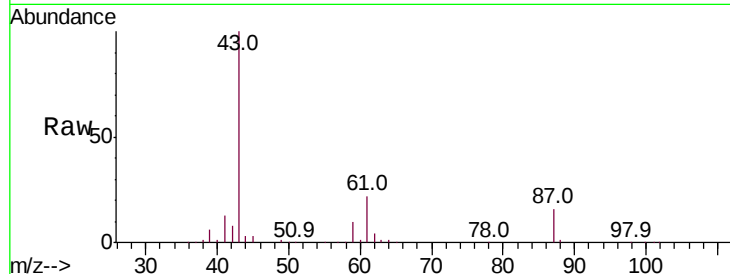




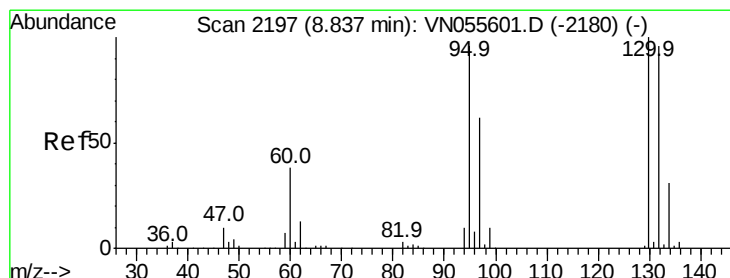
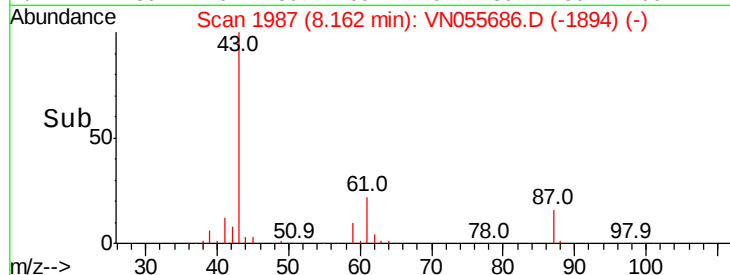
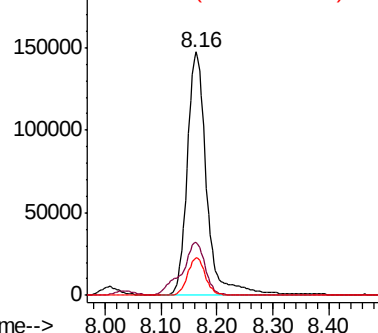
#43

Isopropyl Acetate
 Concen: 49.364 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tot Ion	43	61	87
Resp	353809		
Ratio	100	25.9	14.3
Lower		22.1	11.8
Upper		33.1	17.6



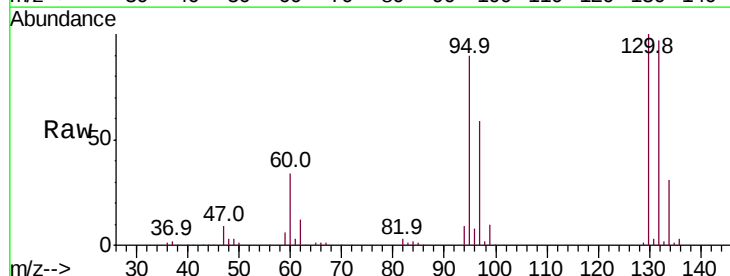
Abundance Ion 43.00 (42.70 to 43.70): VN055686.D (-1894) (-)



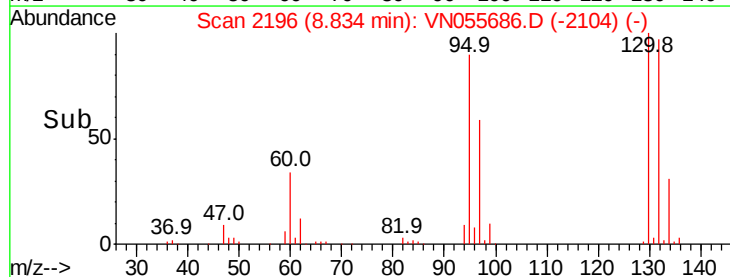
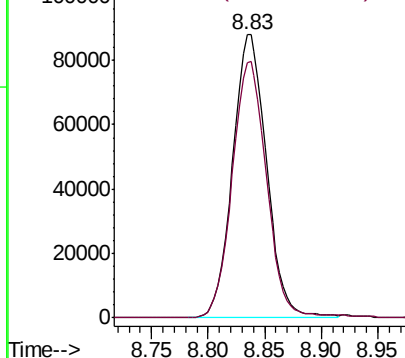
#44

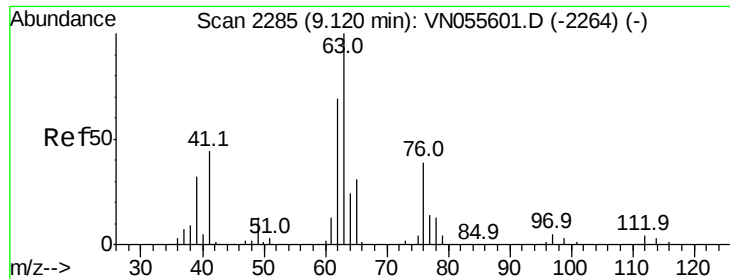
Trichloroethene
 Concen: 48.578 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tgt Ion	130	95
Resp	184094	
Ratio	100	90.2
Lower		0.0
Upper		191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055686.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 45.554 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055686.D

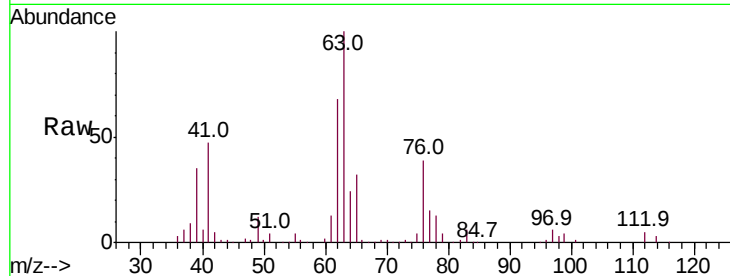
Acq: 20 May 2019 20:06

Tot Ion: 63 Resp: 161172

Ion Ratio Lower Upper

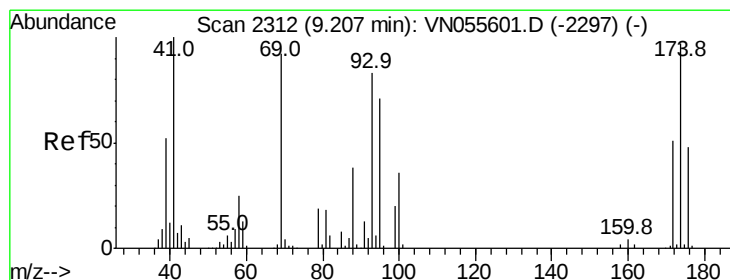
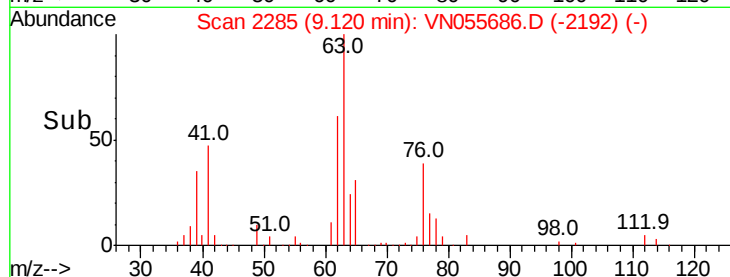
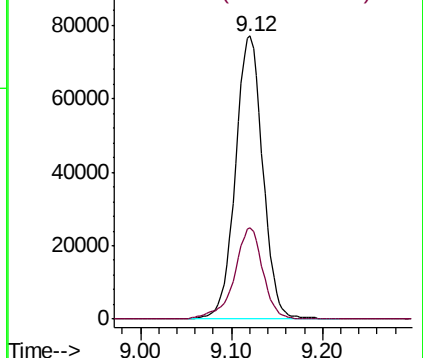
63 100

65 32.3 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.166 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

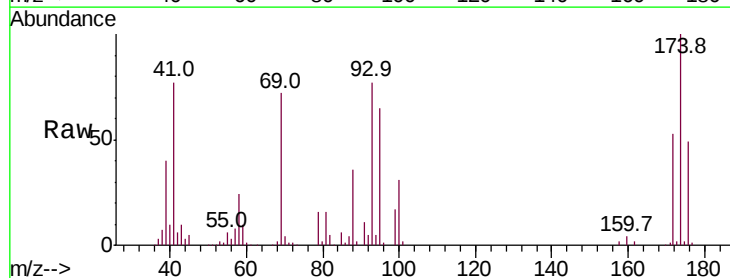
Tgt Ion: 93 Resp: 111537

Ion Ratio Lower Upper

93 100

95 84.3 67.9 101.9

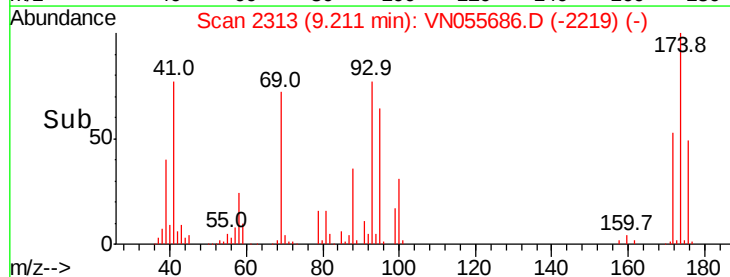
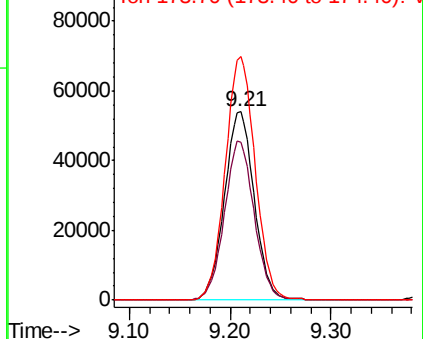
174 129.6 93.8 140.6

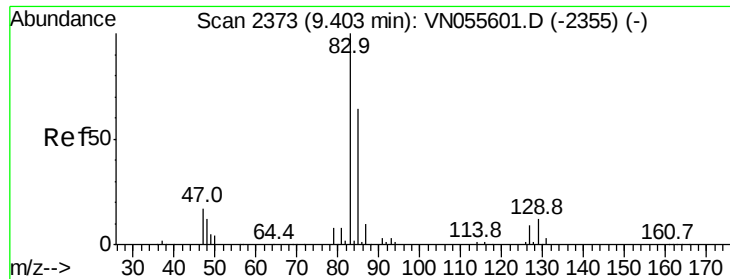


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 45.758 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

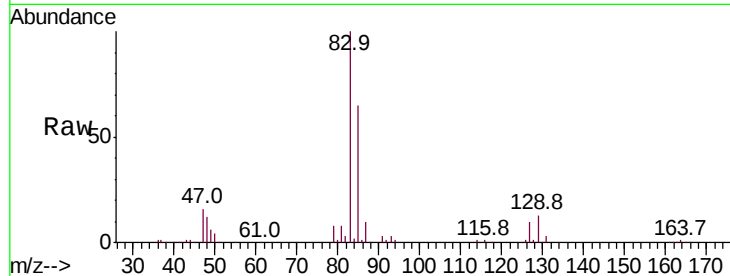
Tot Ion: 83 Resp: 222075

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.0

127 9.7 7.1 10.7

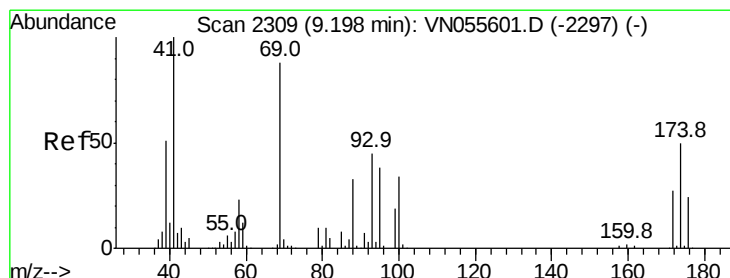
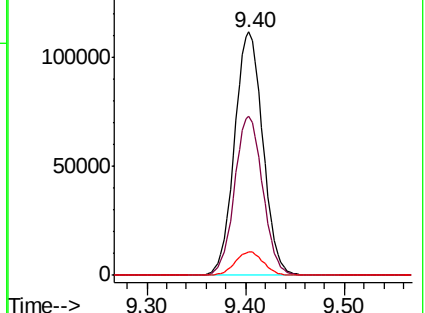
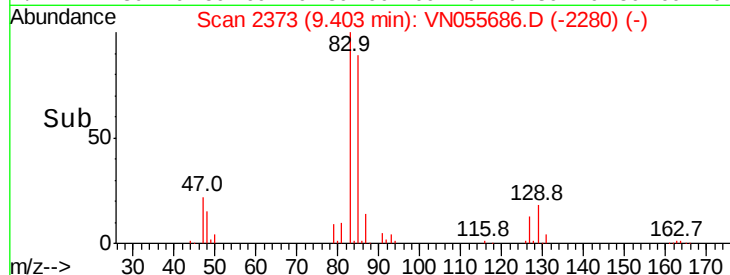


Abundance Ion 82.90 (82.60 to 83.60): VN055686.D (-2280) (-)

150000

Ion 84.90 (84.60 to 85.60): VN055686.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055686.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.379 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

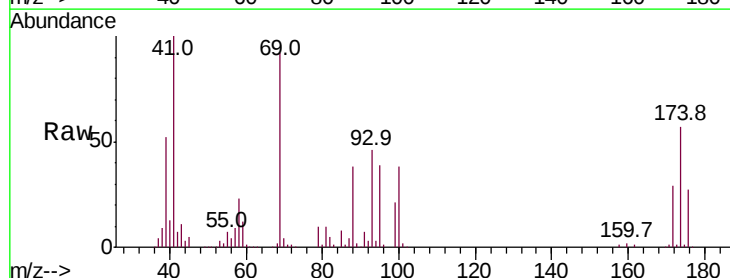
Tgt Ion: 41 Resp: 151780

Ion Ratio Lower Upper

41 100

69 97.7 74.2 111.2

39 54.1 43.8 65.8

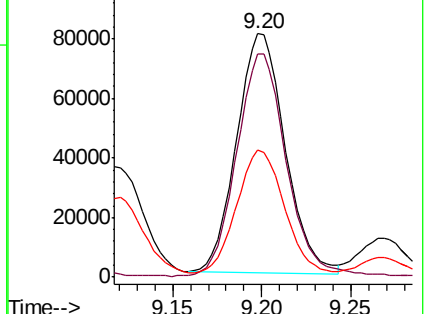
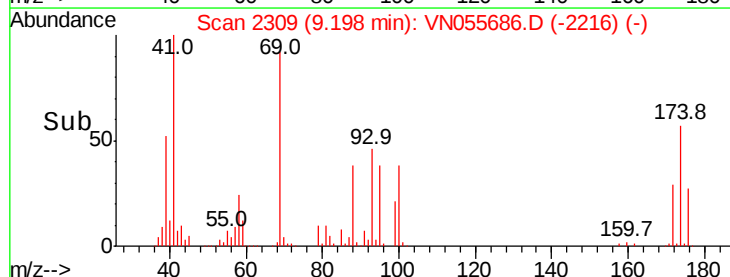


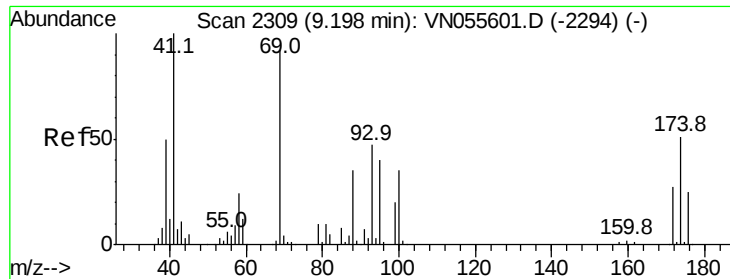
Abundance Ion 41.00 (40.70 to 41.70): VN055686.D (-2216) (-)

100000

Ion 69.00 (68.70 to 69.70): VN055686.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN055686.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1134.238 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

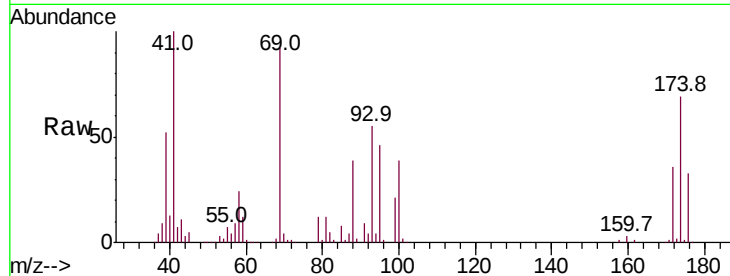
Tot Ion: 88 Resp: 72202

Ion Ratio Lower Upper

88 100

43 25.2 22.4 33.6

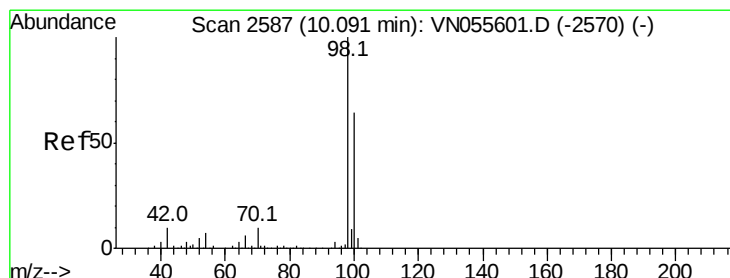
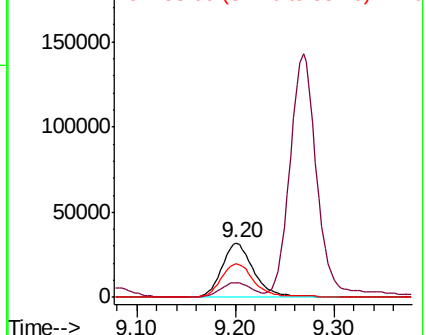
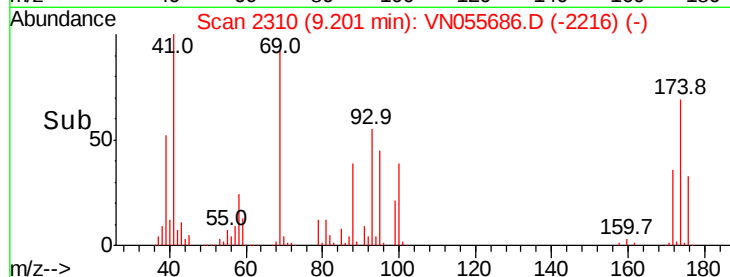
58 63.6 53.4 80.2



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.903 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055686.D

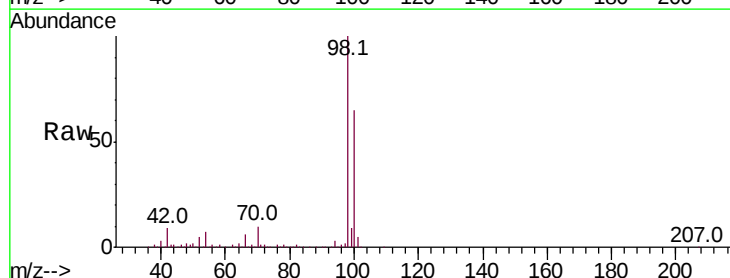
Acq: 20 May 2019 20:06

Tgt Ion: 98 Resp: 613886

Ion Ratio Lower Upper

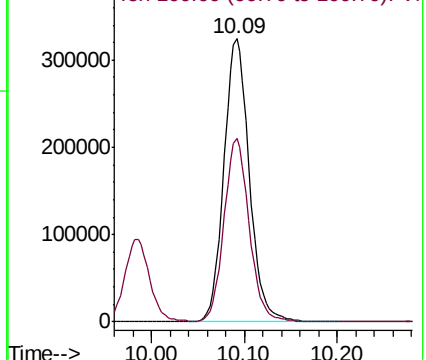
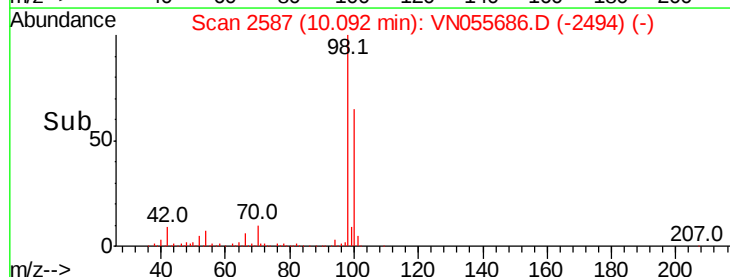
98 100

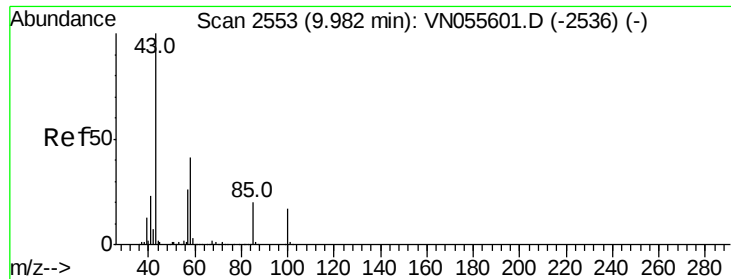
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 233.346 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055686.D

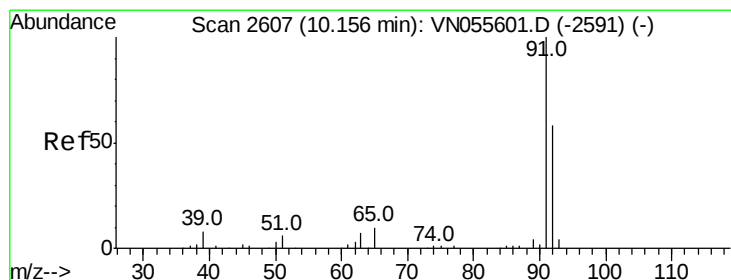
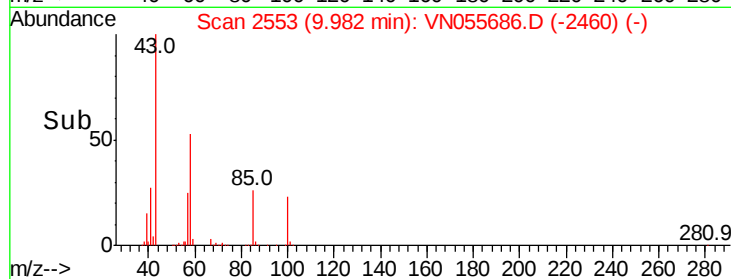
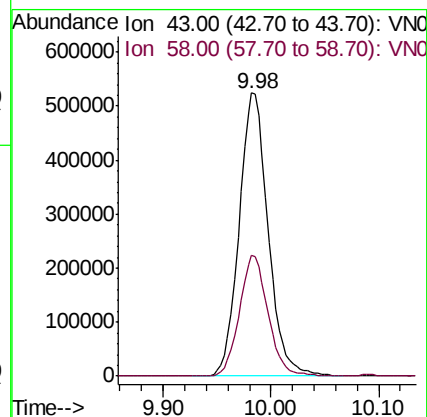
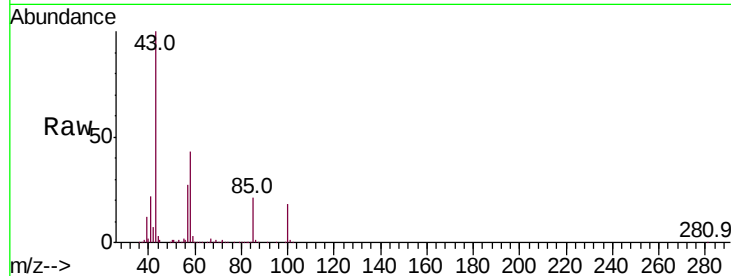
Acq: 20 May 2019 20:06

Tot Ion: 43 Resp: 981037

Ion Ratio Lower Upper

43 100

58 42.2 32.7 49.1



#52

Toluene

Concen: 48.253 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055686.D

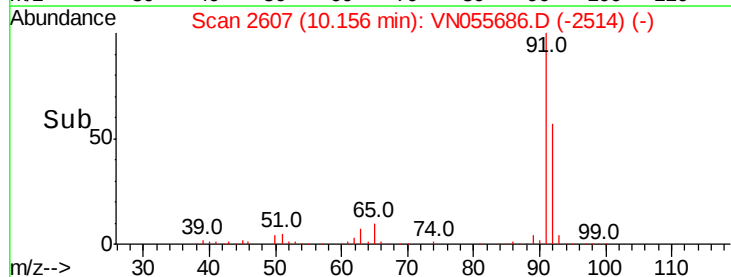
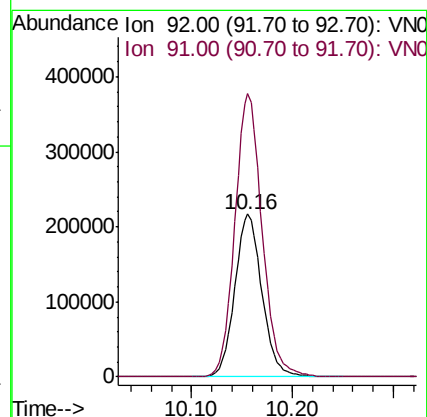
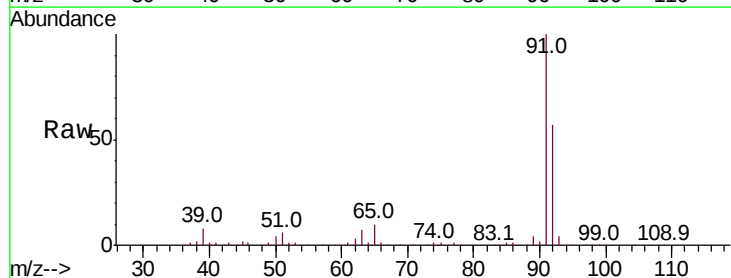
Acq: 20 May 2019 20:06

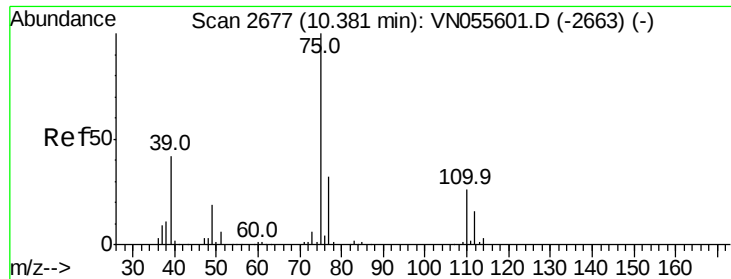
Tgt Ion: 92 Resp: 406468

Ion Ratio Lower Upper

92 100

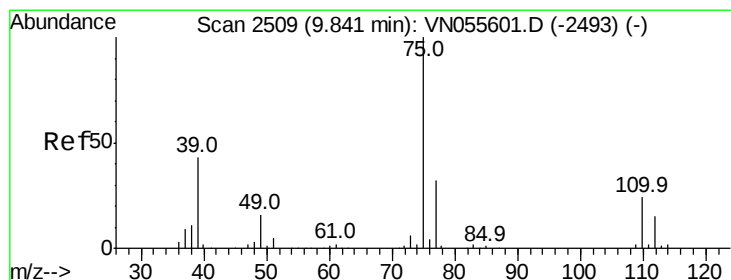
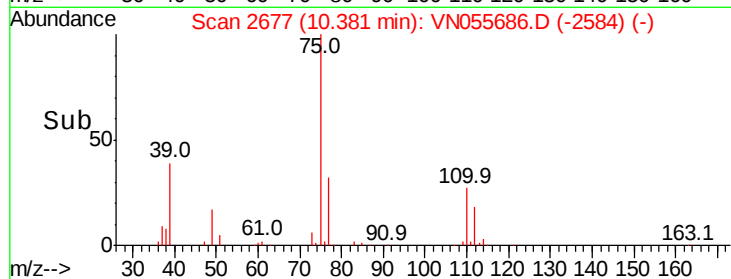
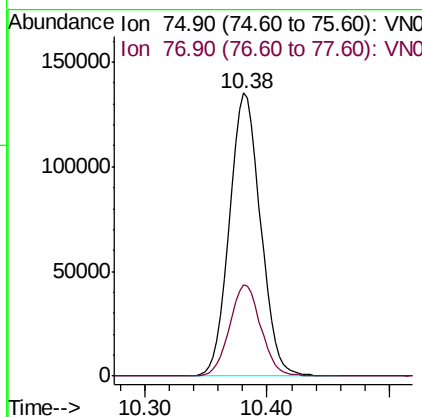
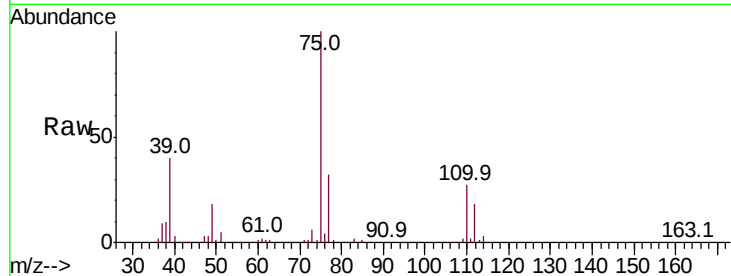
91 174.1 138.9 208.3





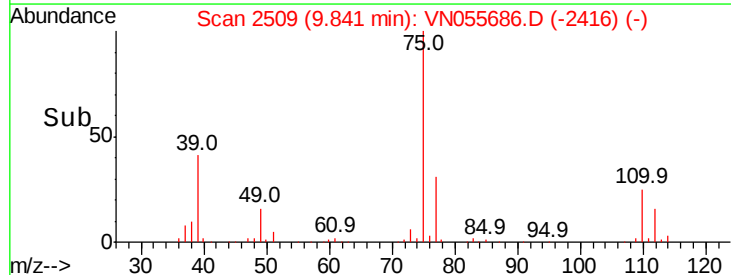
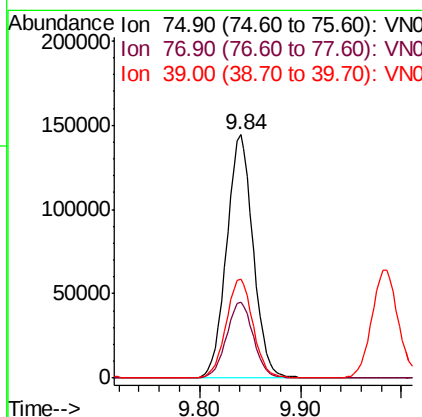
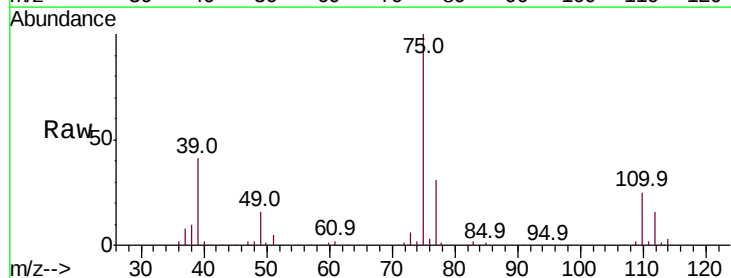
#53
 t-1,3-Dichloropropene
 Concen: 46.049 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

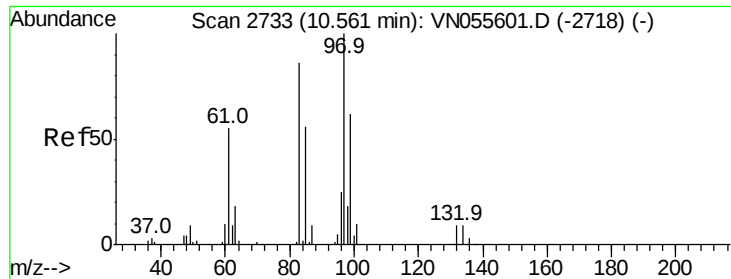
Tot Ion: 75 Resp: 240540
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 46.349 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tgt Ion: 75 Resp: 265229
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 40.8 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 48.597 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

Tot Ion: 97 Resp: 168530

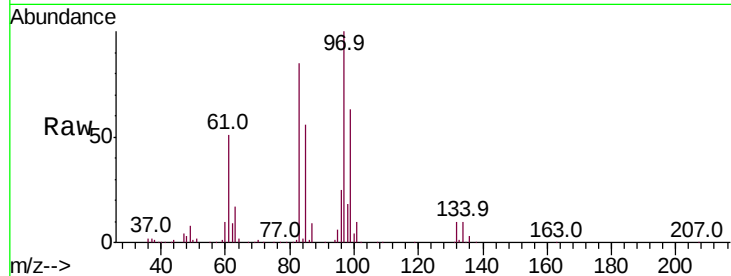
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.4	102.6
85	56.2	44.8	67.2
99	62.9	49.9	74.9

97 100

83 85.1 68.4 102.6

85 56.2 44.8 67.2

99 62.9 49.9 74.9

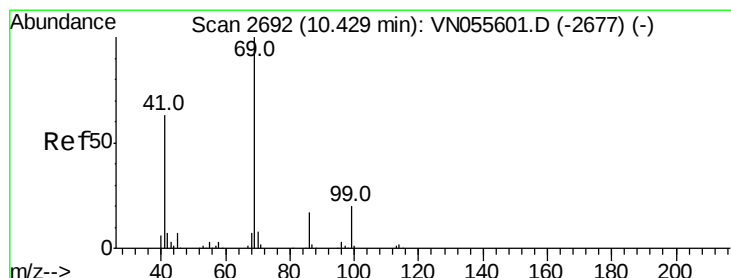
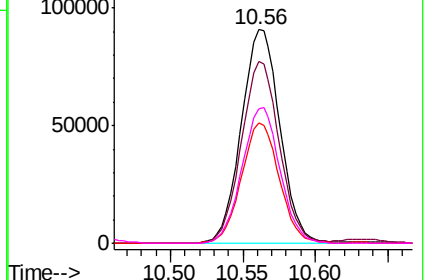
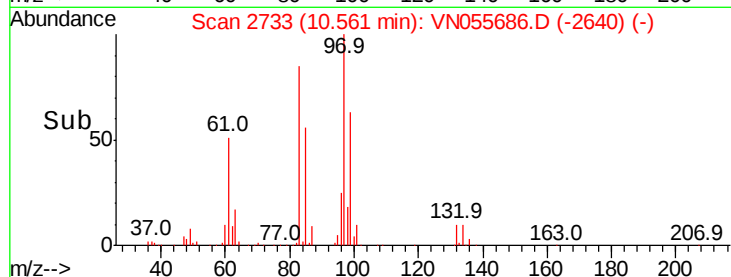


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.122 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

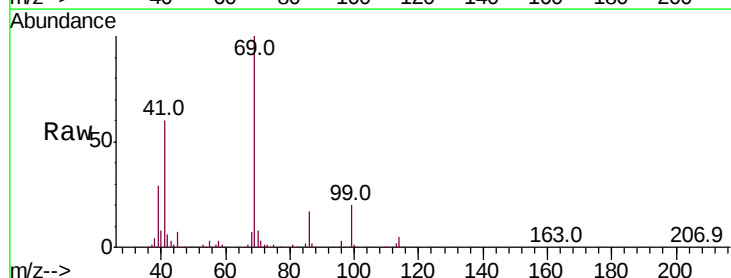
Tgt Ion: 69 Resp: 255094

Ion	Ratio	Lower	Upper
69	100		
41	59.6	50.3	75.5
39	29.1	25.4	38.2

69 100

41 59.6 50.3 75.5

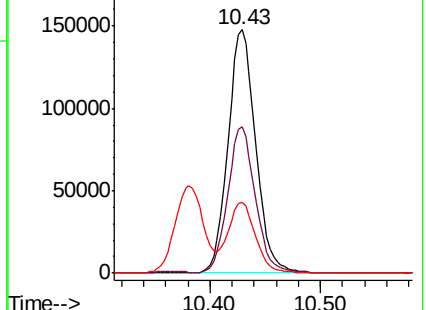
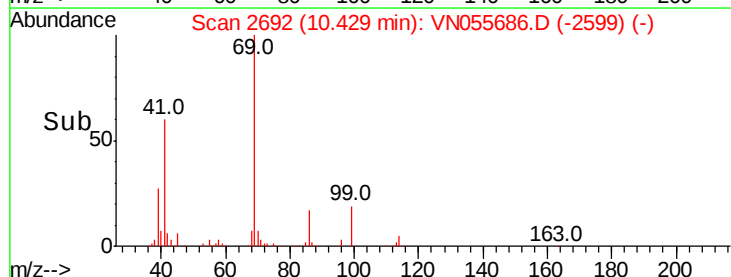
39 29.1 25.4 38.2

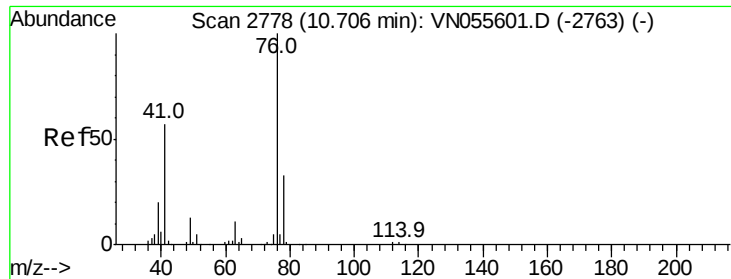


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 47.849 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055686.D

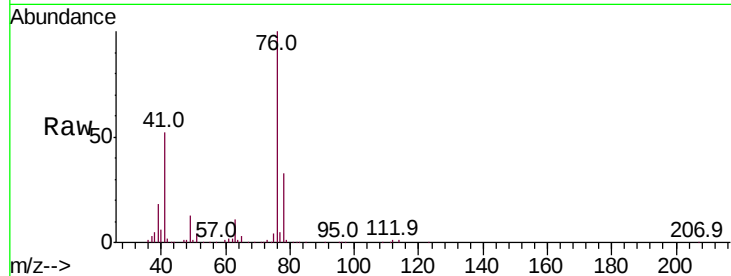
Acq: 20 May 2019 20:06

Tot Ion: 76 Resp: 262810

Ion Ratio Lower Upper

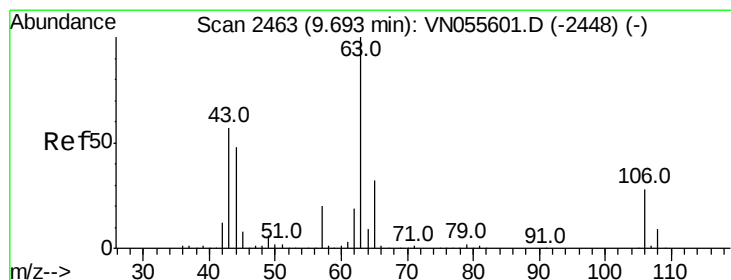
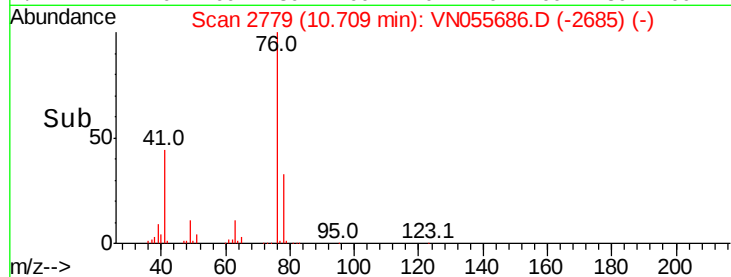
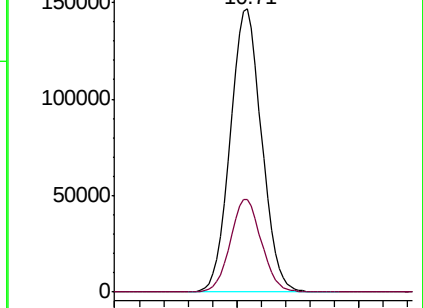
76 100

78 32.5 26.5 39.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 221.860 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055686.D

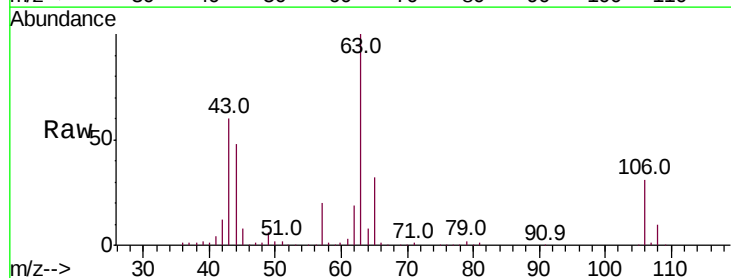
Acq: 20 May 2019 20:06

Tgt Ion: 63 Resp: 510320

Ion Ratio Lower Upper

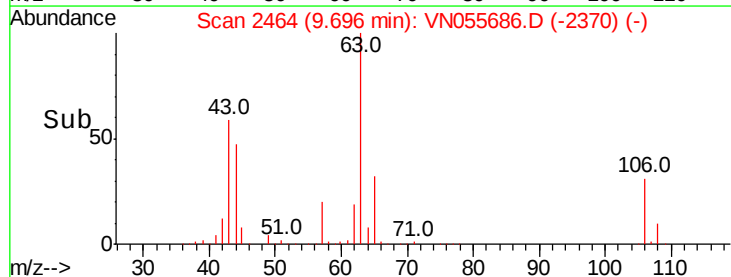
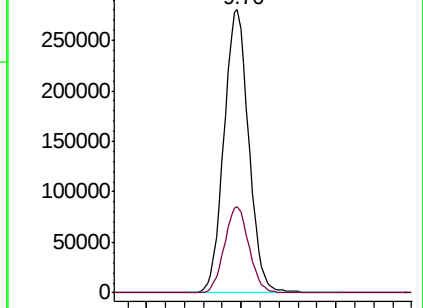
63 100

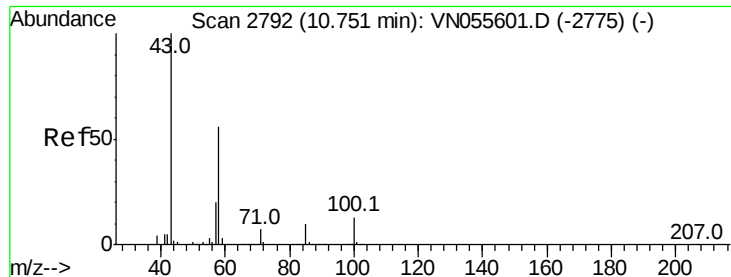
106 30.3 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

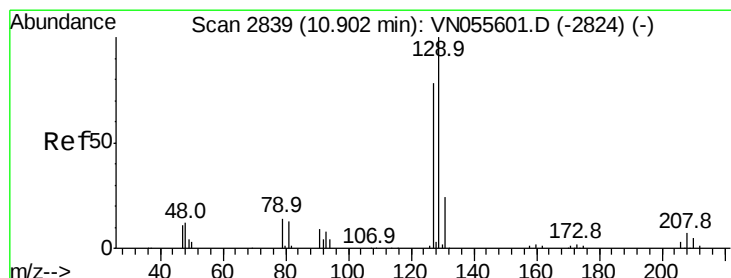
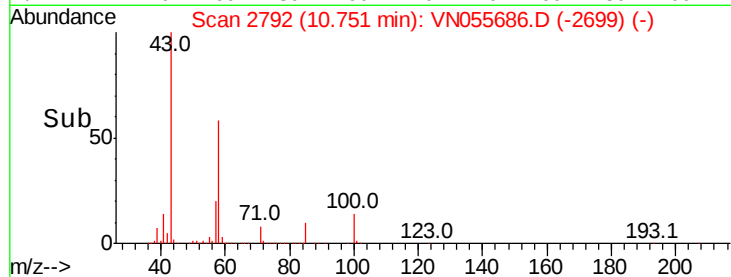
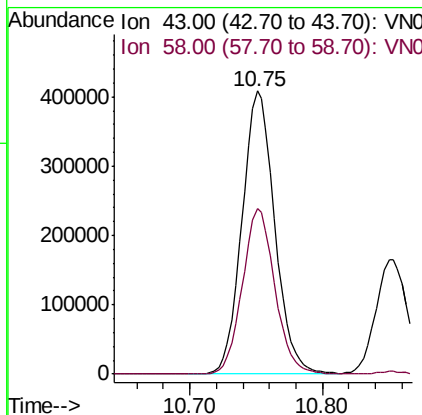
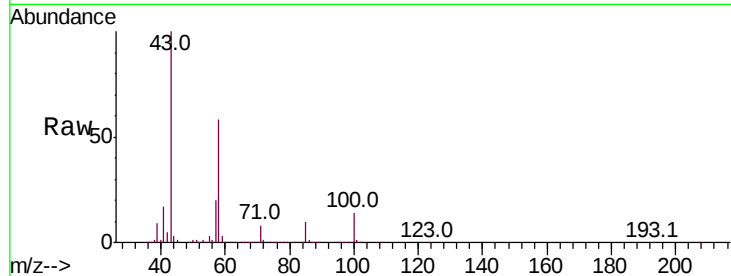
Ion 105.90 (105.60 to 106.60): V





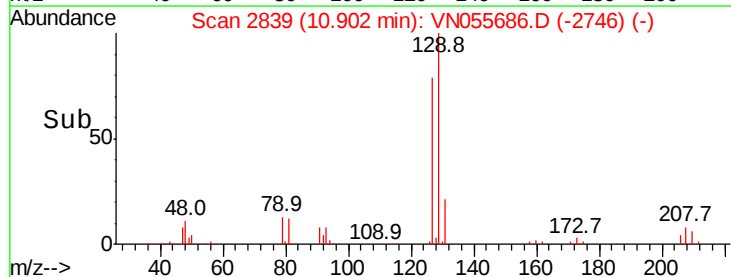
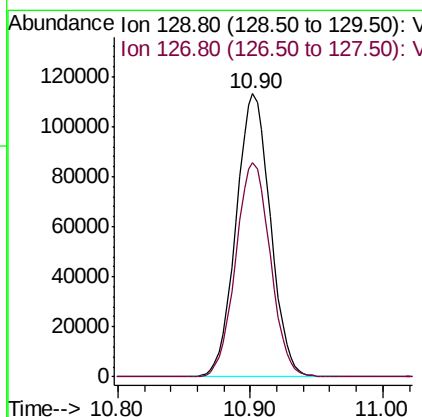
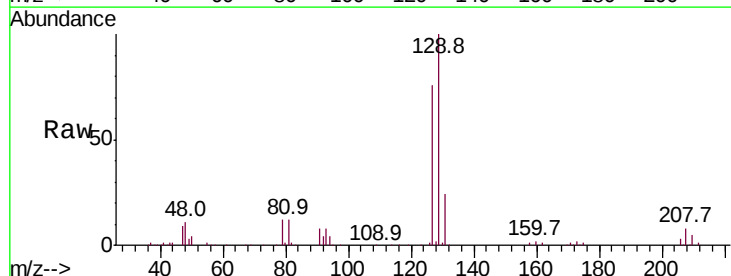
#59
2-Hexanone
Concen: 235.506 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

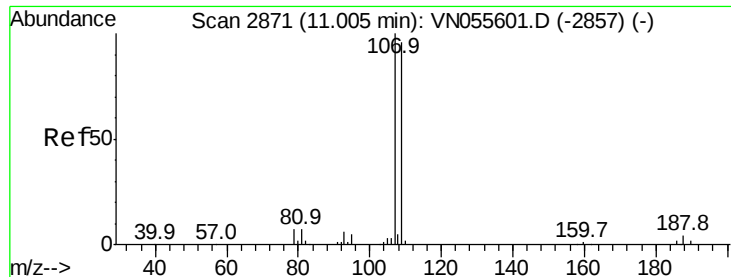
Tot Ion: 43 Resp: 697093
Ion Ratio Lower Upper
43 100
58 58.2 28.1 84.4



#60
Dibromochloromethane
Concen: 51.818 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion: 129 Resp: 203666
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.104 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055686.D

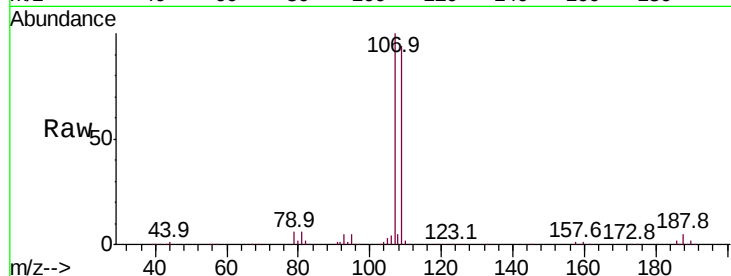
Acq: 20 May 2019 20:06

Tot Ion:107 Resp: 177324

Ion Ratio Lower Upper

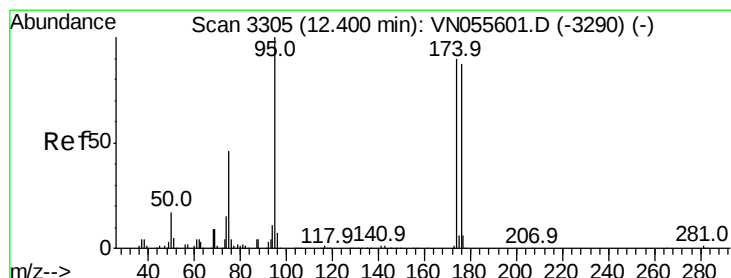
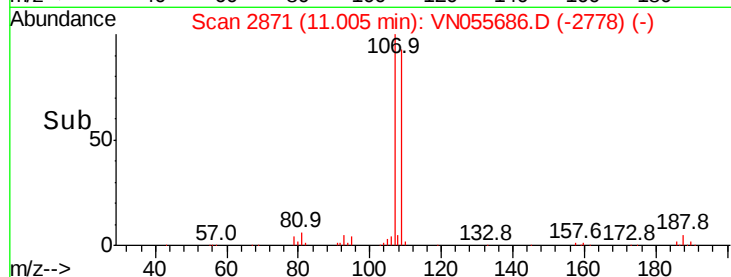
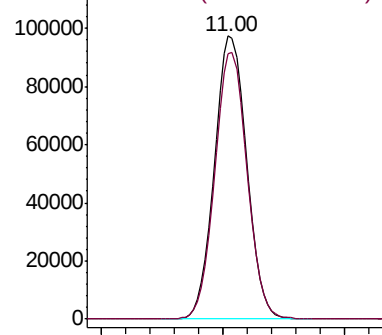
107 100

109 94.3 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: 49.851 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

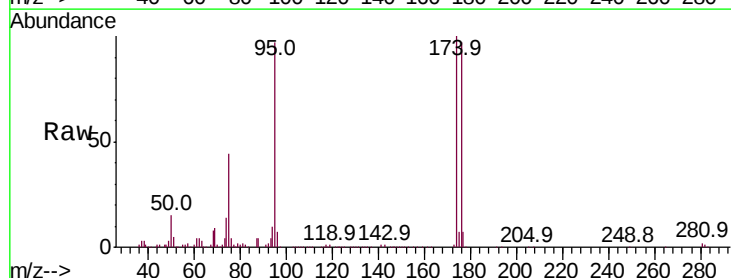
Tgt Ion: 95 Resp: 211760

Ion Ratio Lower Upper

95 100

174 101.8 0.0 180.6

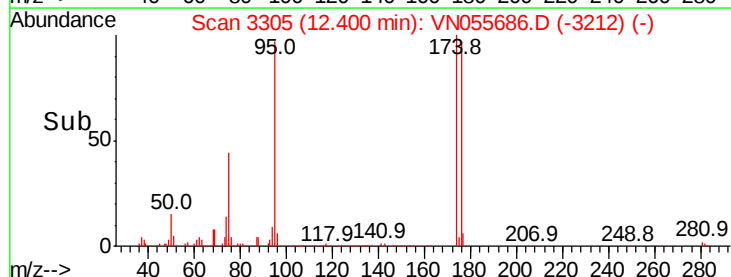
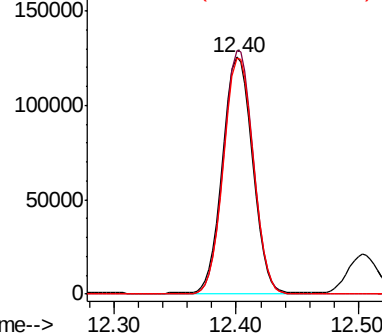
176 99.3 0.0 177.4

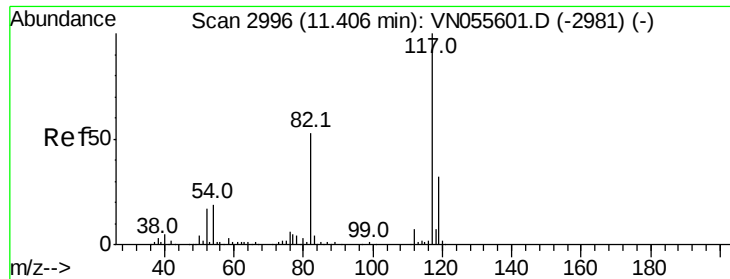


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

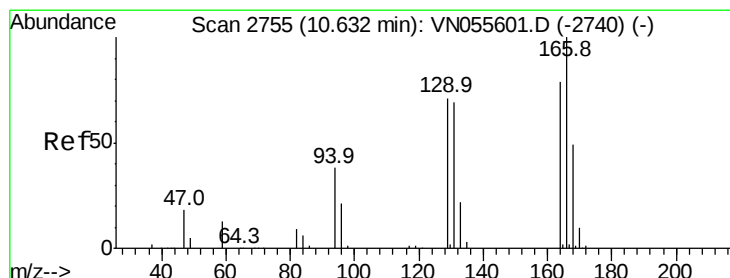
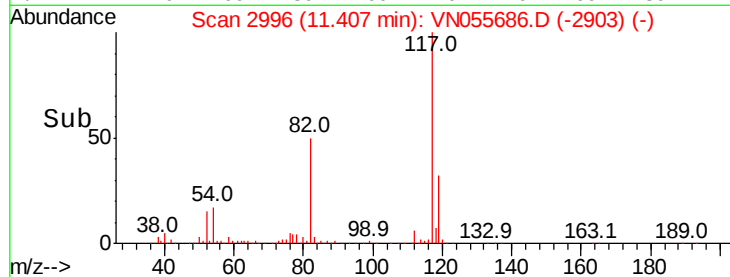
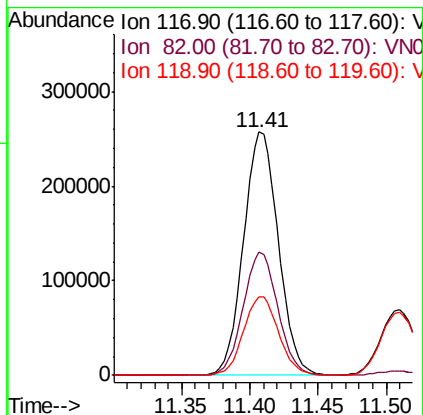
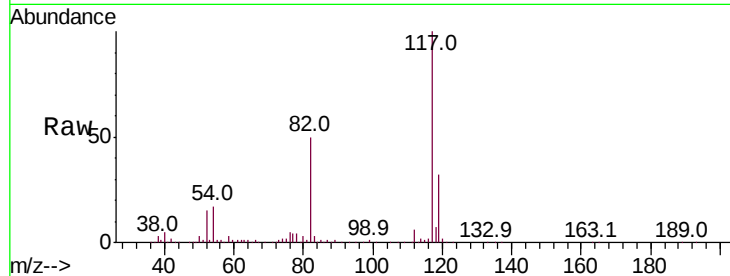
Ion 175.80 (175.50 to 176.50): V





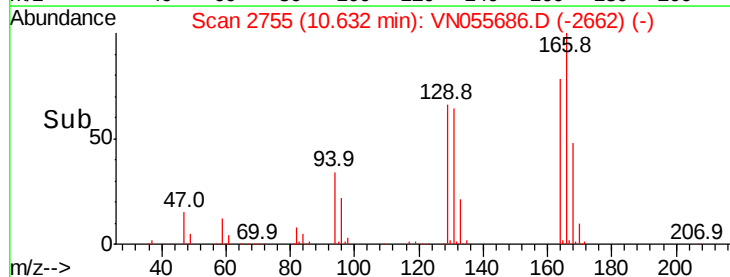
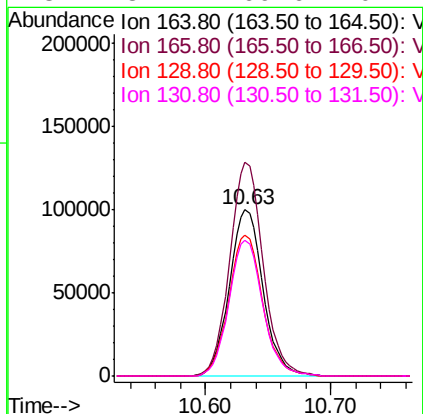
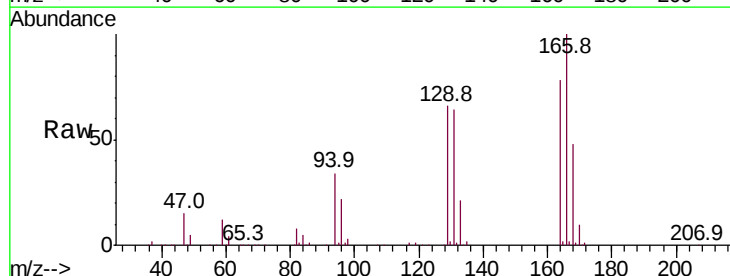
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

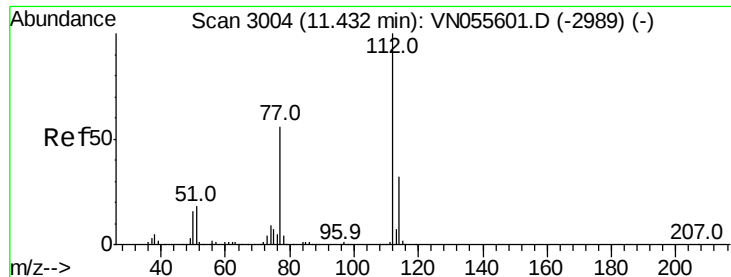
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.3	63.5
119	32.2	25.4	38.2



#64
Tetrachloroethene
Concen: 51.716 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

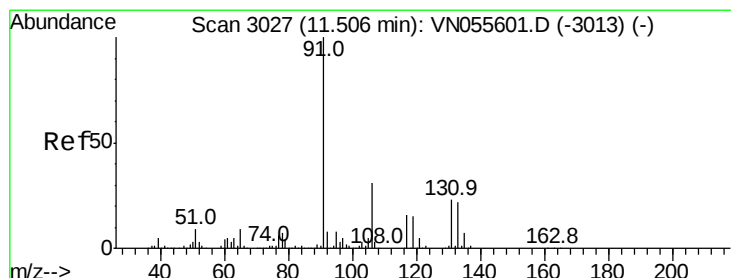
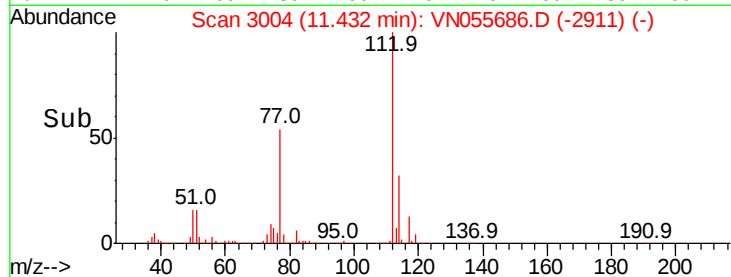
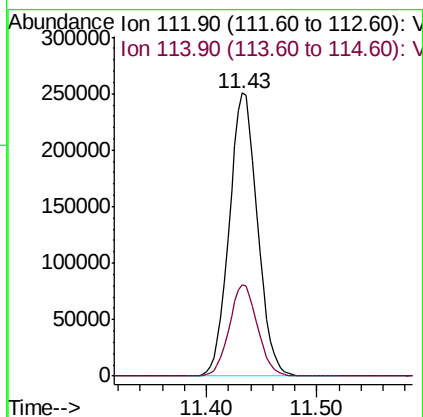
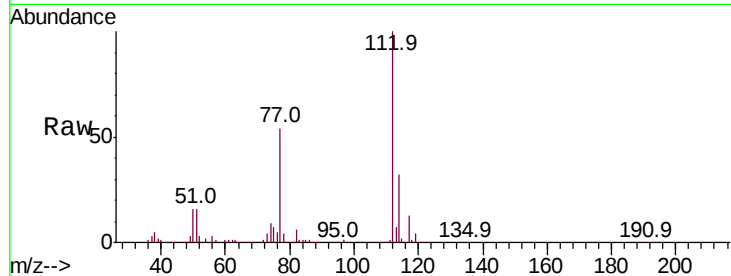
Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	101.0	151.6
129	85.2	71.7	107.5
131	82.2	69.6	104.4





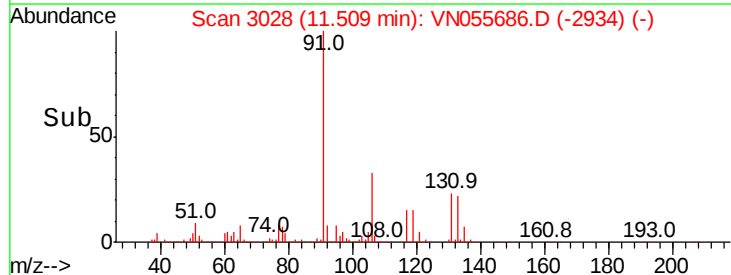
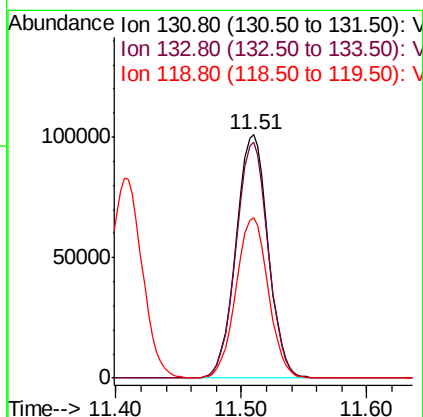
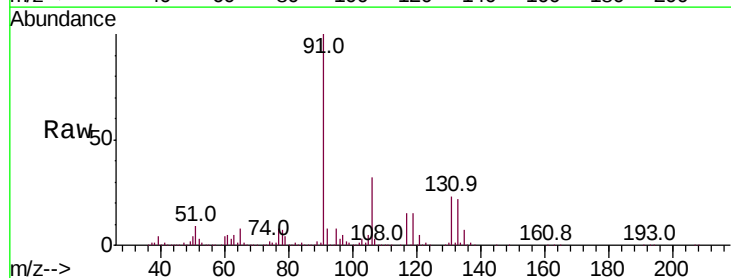
#65
Chlorobenzene
Concen: 48.094 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

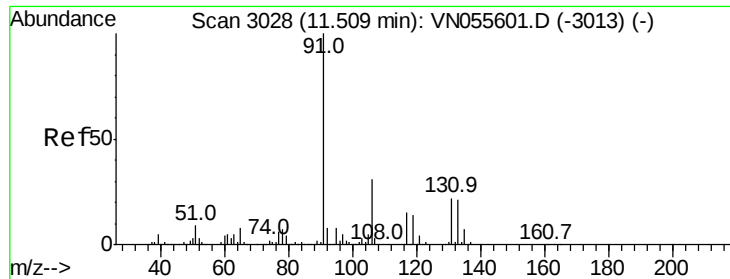
Tot Ion:112 Resp: 443603
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.675 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion:131 Resp: 180615
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.4
119 66.1 33.3 99.8





#67

Ethyl Benzene

Concen: 46.674 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN055686.D

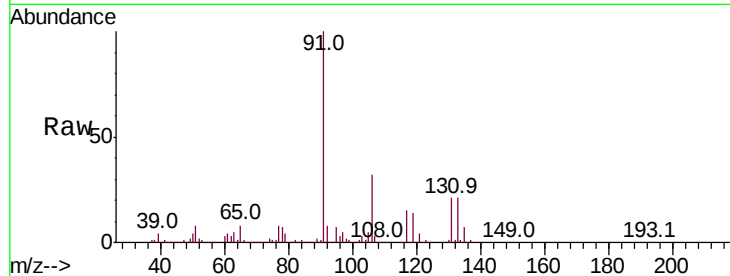
Acq: 20 May 2019 20:06

Tot Ion: 91 Resp: 766910

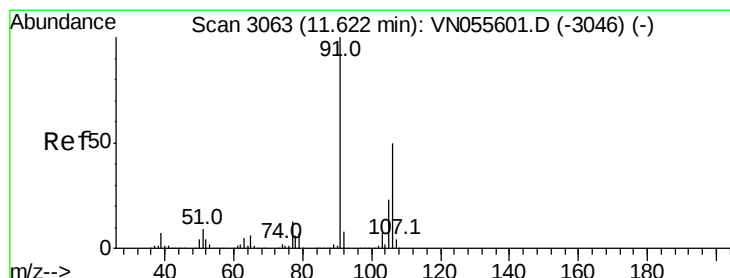
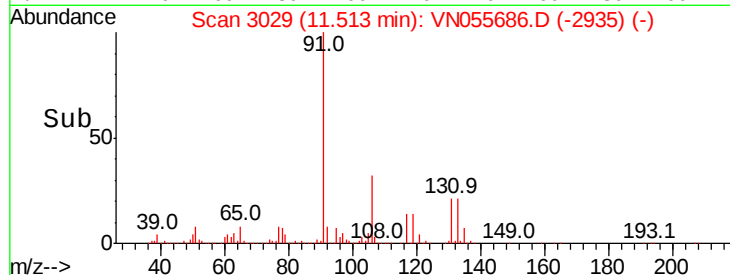
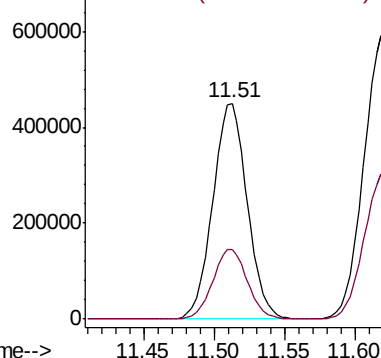
Ion Ratio Lower Upper

91 100

106 32.4 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3013) (-)



#68

m/p-Xylenes

Concen: 95.890 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN055686.D

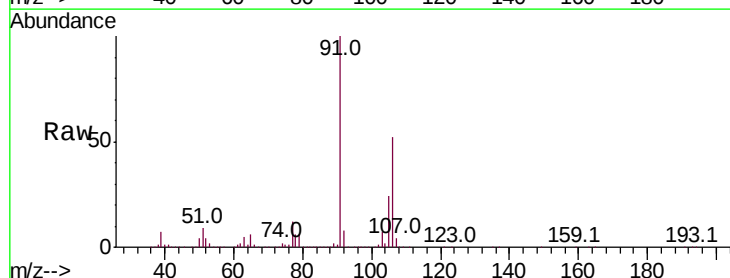
Acq: 20 May 2019 20:06

Tgt Ion: 106 Resp: 595009

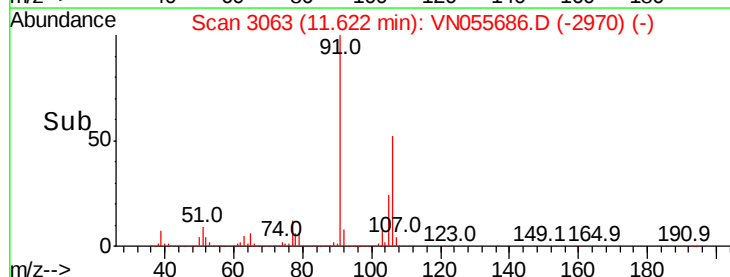
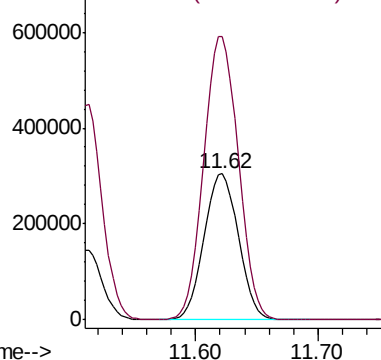
Ion Ratio Lower Upper

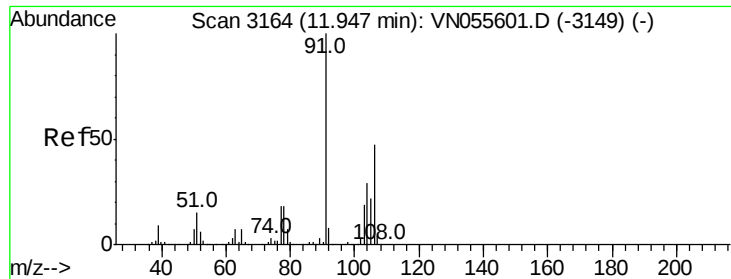
106 100

91 194.9 160.5 240.7



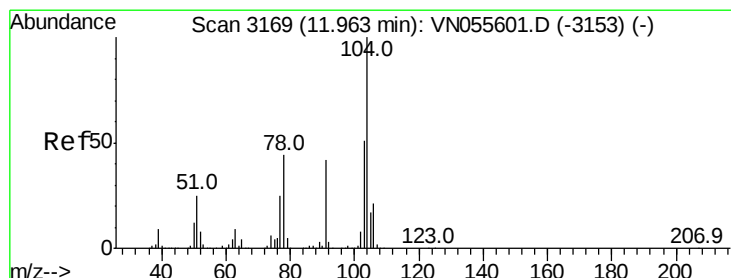
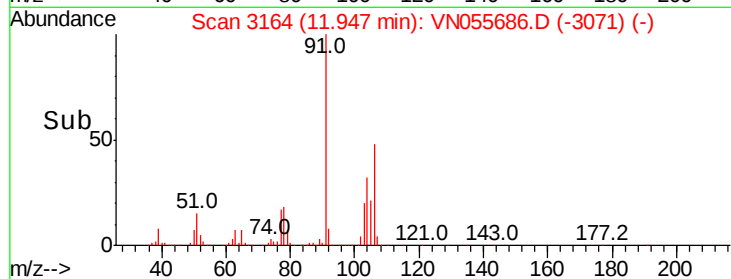
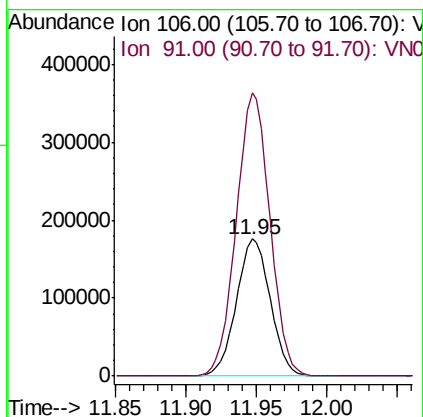
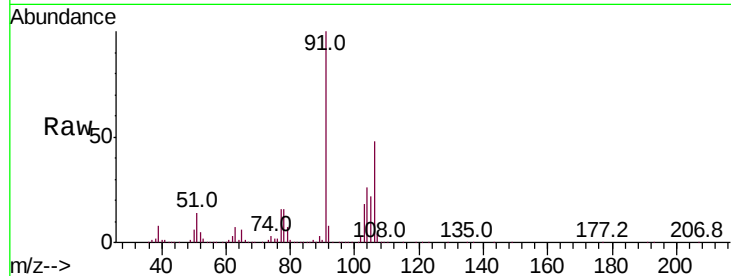
Abundance Ion 106.00 (105.70 to 106.70): VN055601.D (-3046) (-)





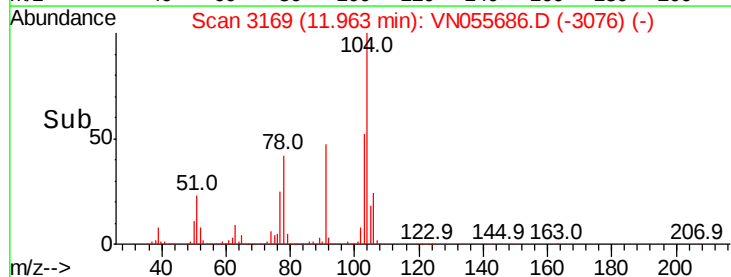
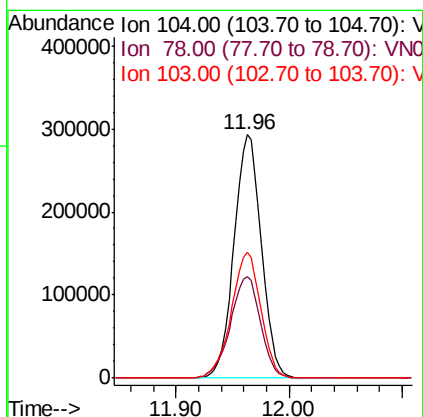
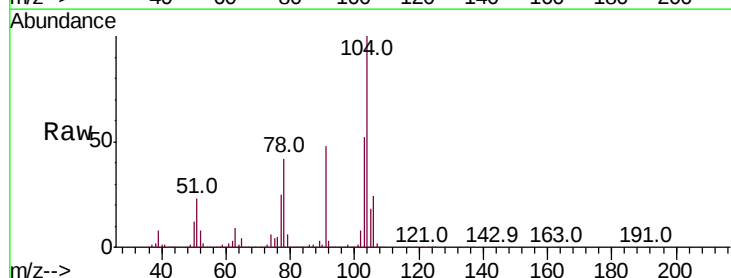
#69
o-Xylene
Concen: 48.833 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

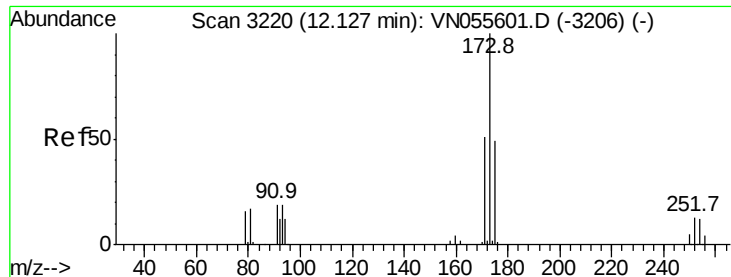
Tot Ion:106 Resp: 296372
Ion Ratio Lower Upper
106 100
91 204.9 106.7 320.2



#70
Styrene
Concen: 48.940 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion:104 Resp: 493861
Ion Ratio Lower Upper
104 100
78 46.0 38.6 58.0
103 55.6 44.4 66.6





#71

Bromoform

Concen: 53.669 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

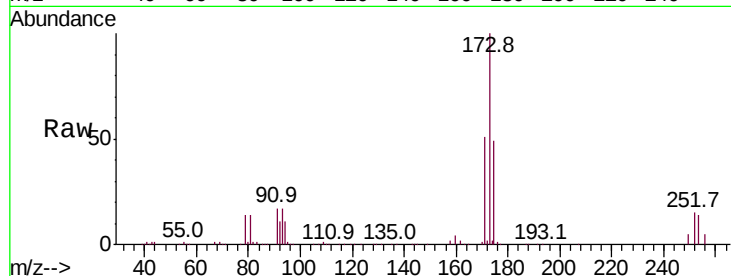
Tot Ion:173 Resp: 168767

Ion Ratio Lower Upper

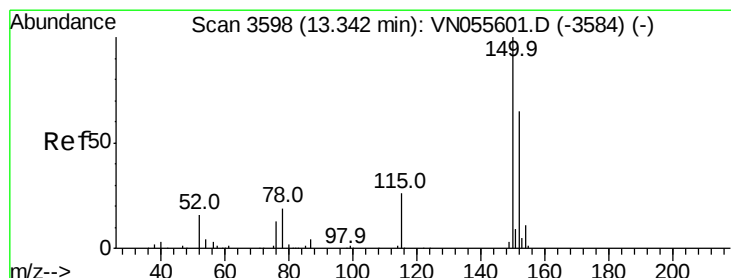
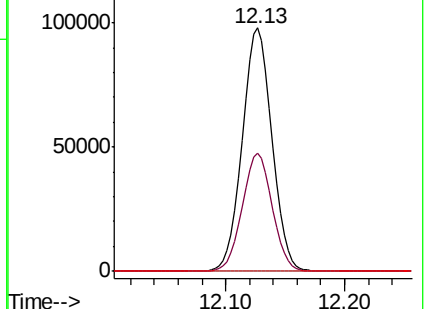
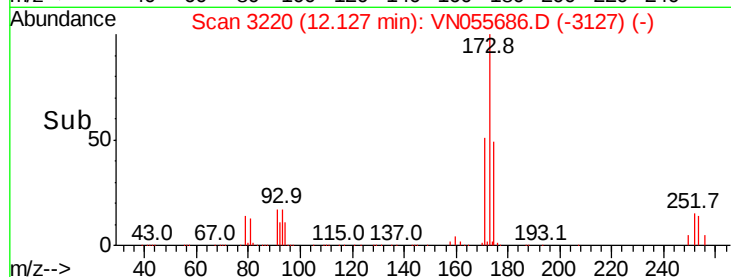
173 100

175 49.0 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: VN055686.D

Acq: 20 May 2019 20:06

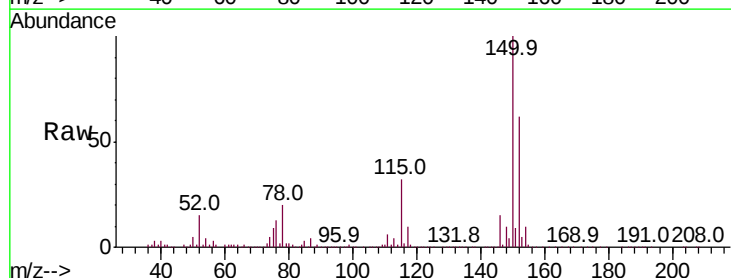
Tgt Ion:152 Resp: 217594

Ion Ratio Lower Upper

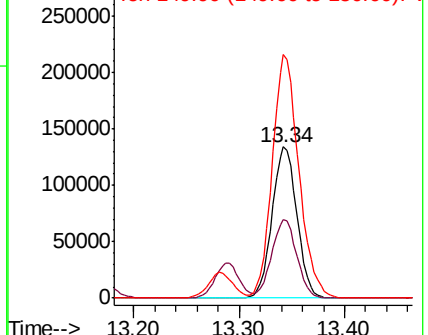
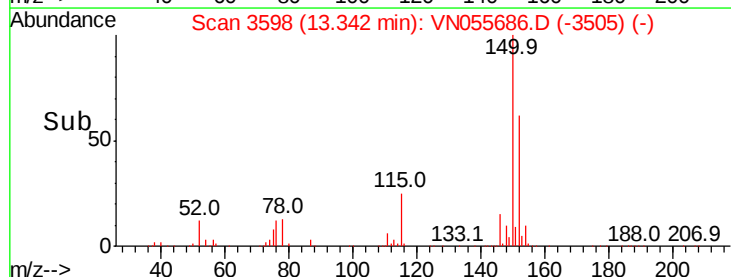
152 100

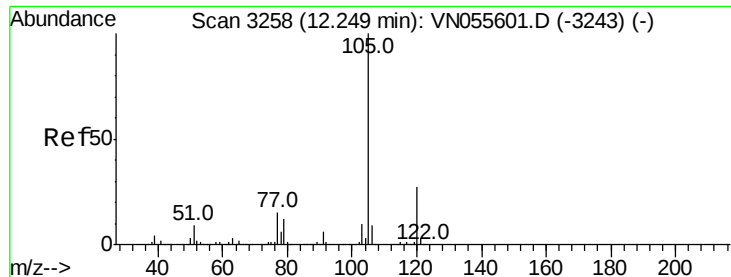
115 51.9 28.1 84.2

150 173.0 0.0 348.0



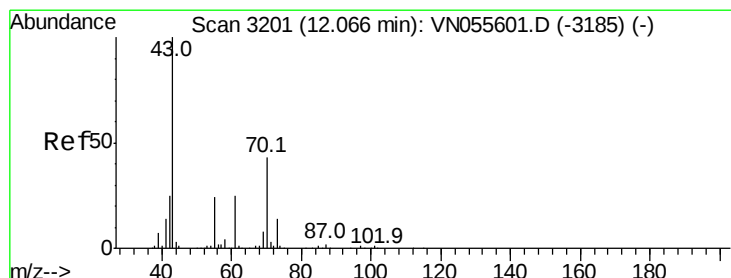
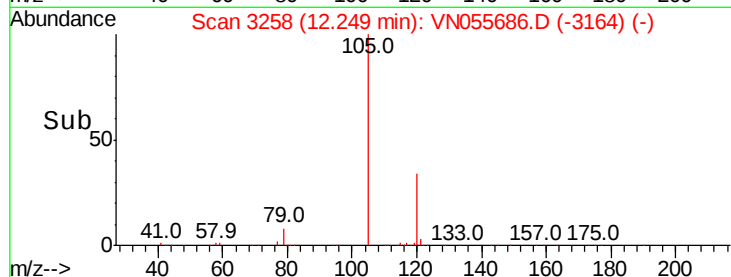
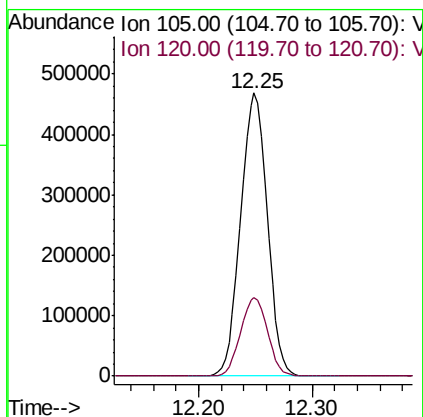
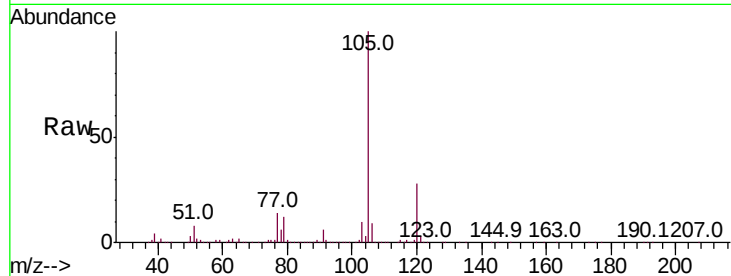
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





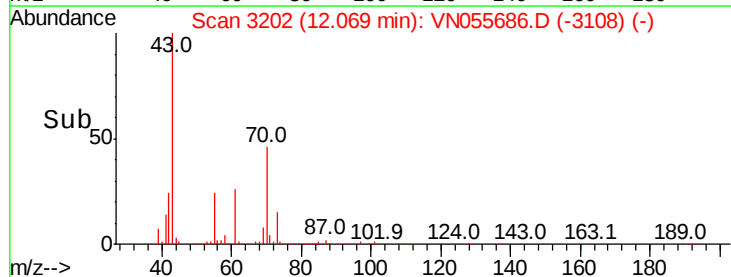
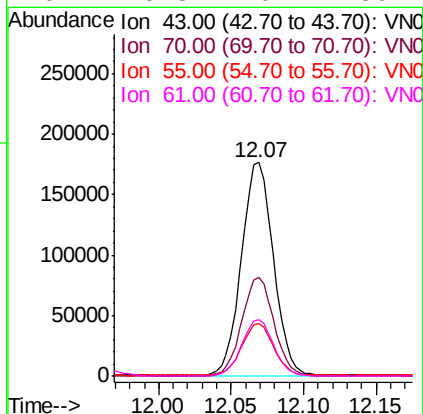
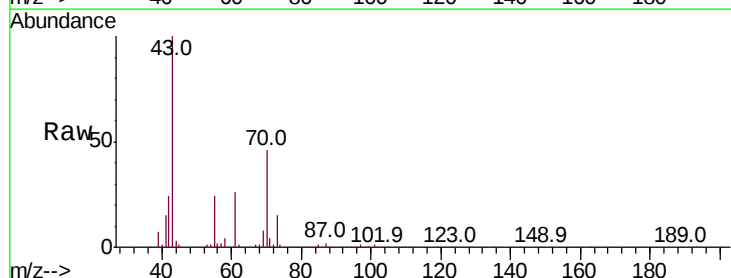
#73
Isopropylbenzene
Concen: 50.599 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

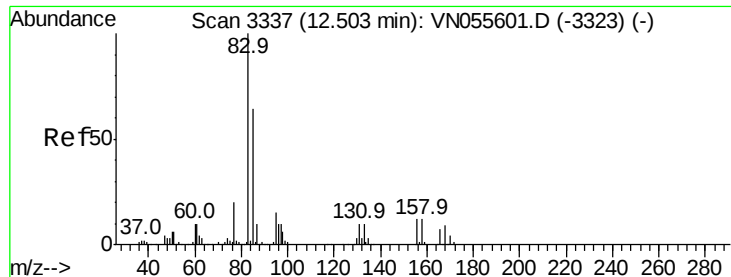
Tot Ion:105 Resp: 772181
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.2



#74
N-ethyl acetate
Concen: 44.308 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion: 43 Resp: 270719
Ion Ratio Lower Upper
43 100
70 46.6 35.0 52.6
55 24.4 18.9 28.3
61 26.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.525 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

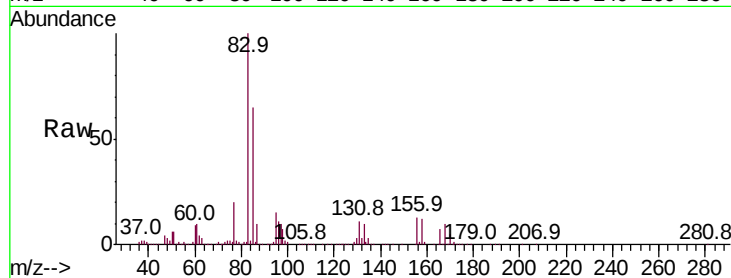
Tot Ion: 83 Resp: 232204

Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	16.1
85	65.2	32.0	96.2

83 100

131 11.3 5.3 16.1

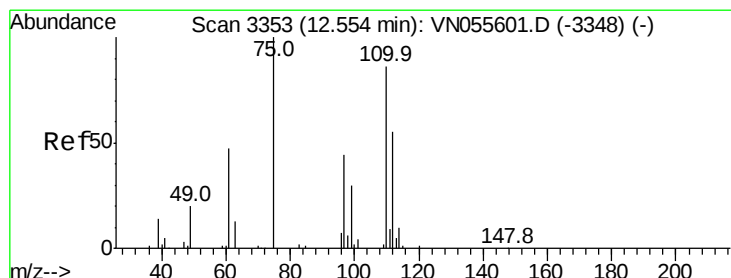
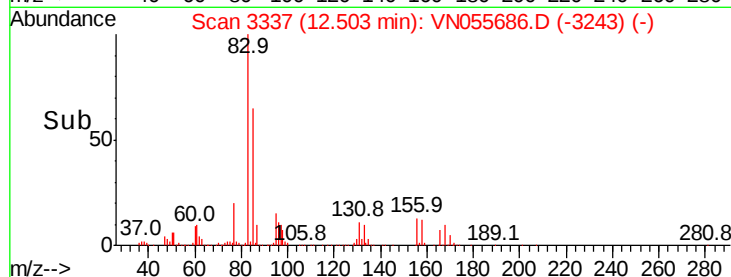
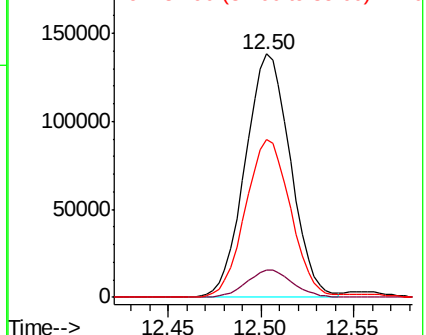
85 65.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN055686.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055686.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055686.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 42.328 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055686.D

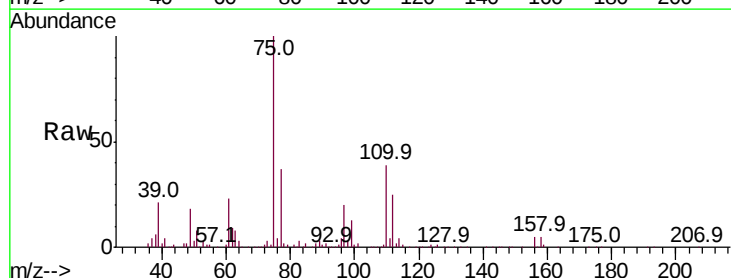
Acq: 20 May 2019 20:06

Tgt Ion: 75 Resp: 187940

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

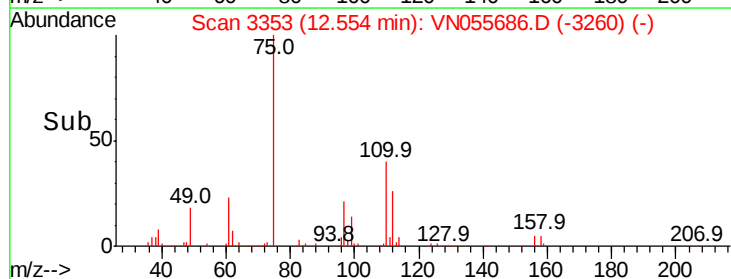
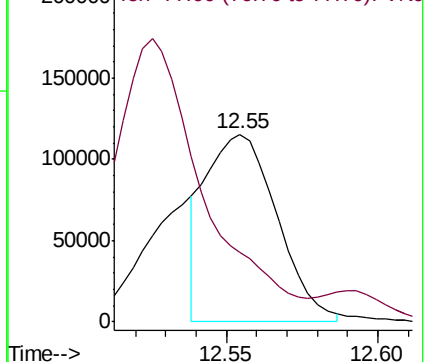
75 100

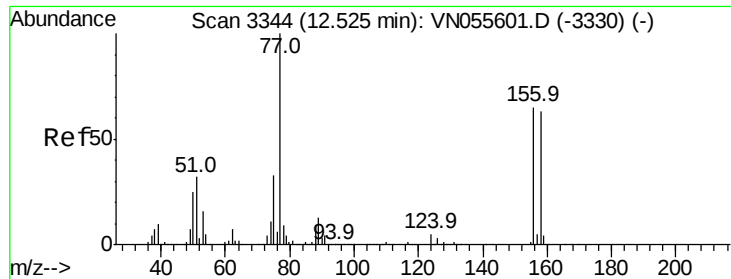
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055686.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055686.D (-3260) (-)





#77

Bromobenzene

Concen: 48.777 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

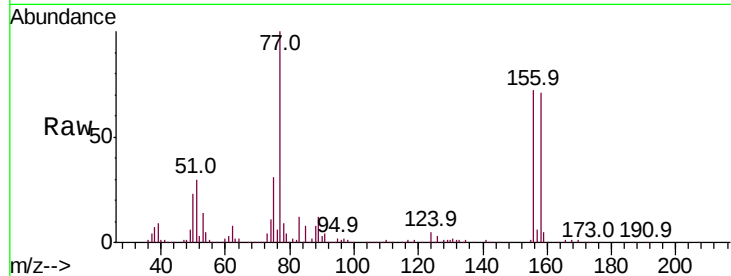
Tot Ion:156 Resp: 217972

Ion	Ratio	Lower	Upper
156	100		
77	165.9	94.5	283.5
158	96.6	49.0	147.2

156 100

77 165.9 94.5 283.5

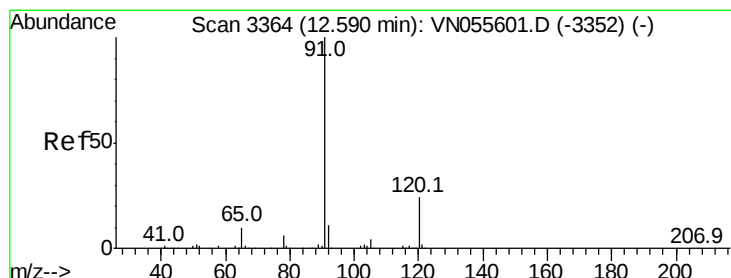
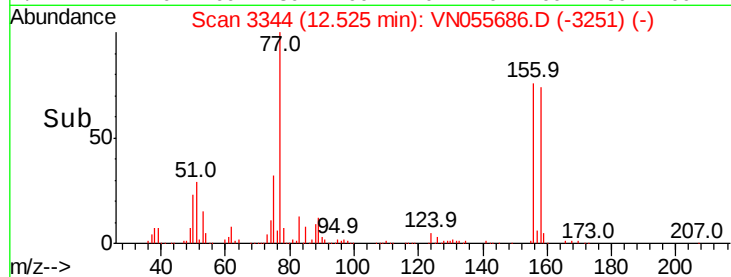
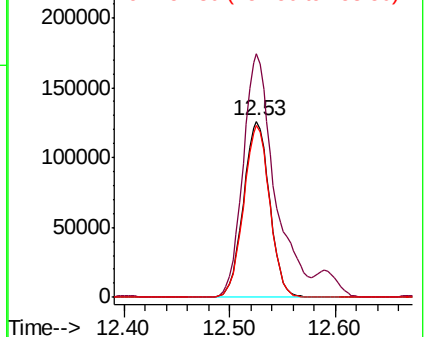
158 96.6 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 42.573 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055686.D

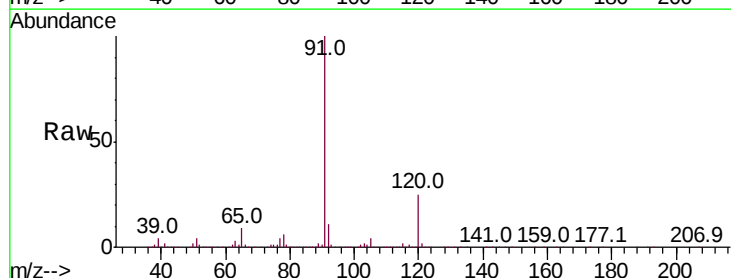
Acq: 20 May 2019 20:06

Tgt Ion: 91 Resp: 822644

Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.9	35.5

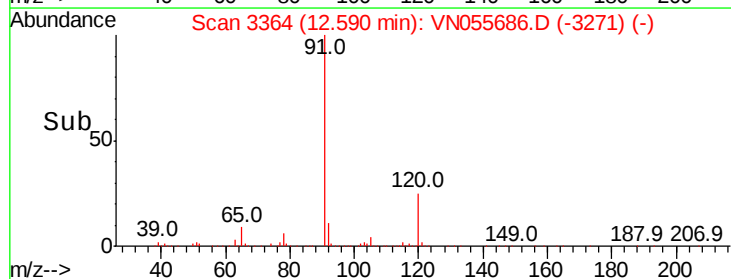
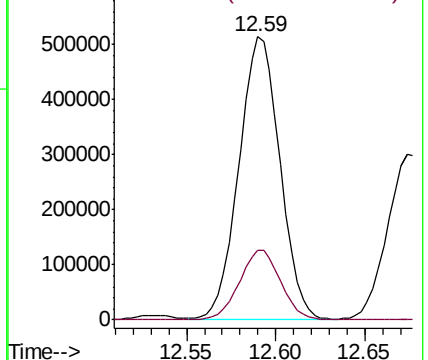
91 100

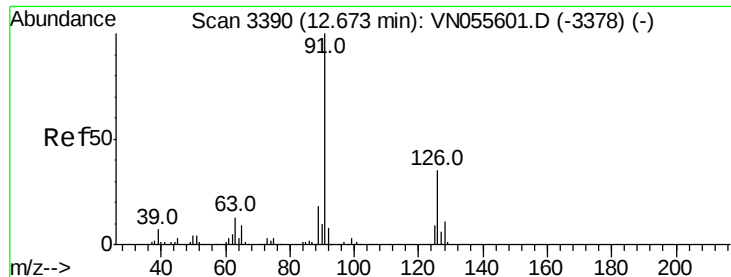
120 24.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.396 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055686.D

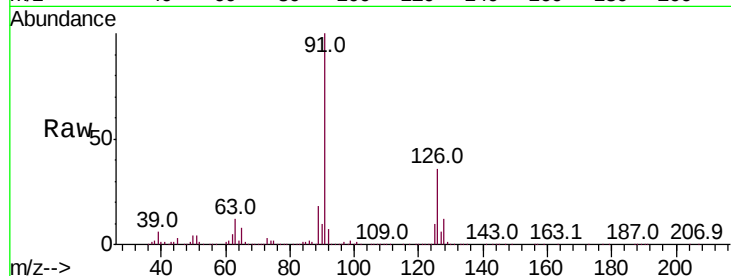
Acq: 20 May 2019 20:06

Tot Ion: 91 Resp: 501031

Ion Ratio Lower Upper

91 100

126 37.0 17.8 53.4



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

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

500000

400000

300000

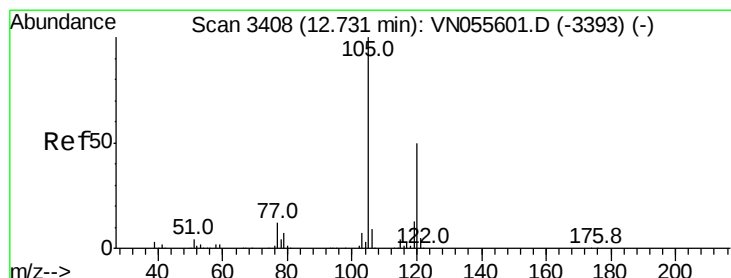
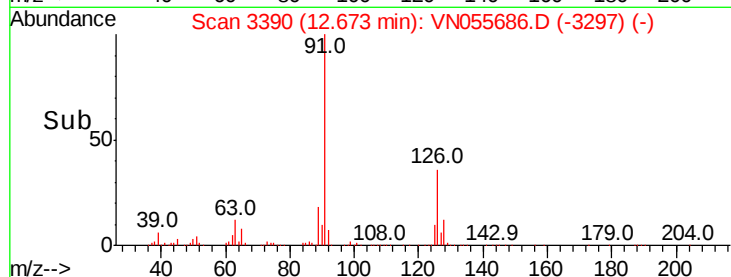
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.868 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055686.D

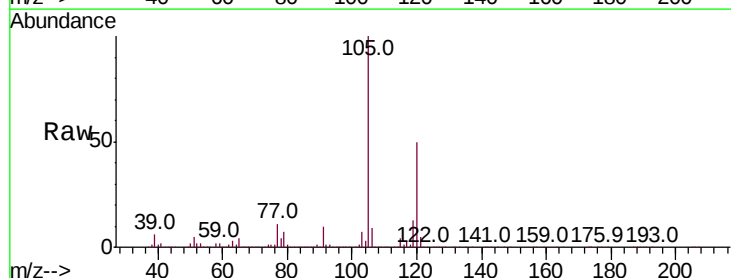
Acq: 20 May 2019 20:06

Tgt Ion: 105 Resp: 650568

Ion Ratio Lower Upper

105 100

120 50.8 24.6 74.0



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

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

400000

300000

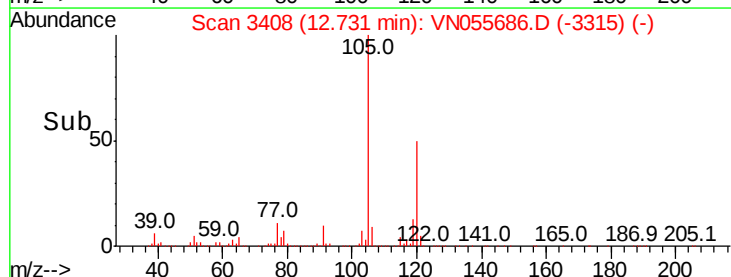
200000

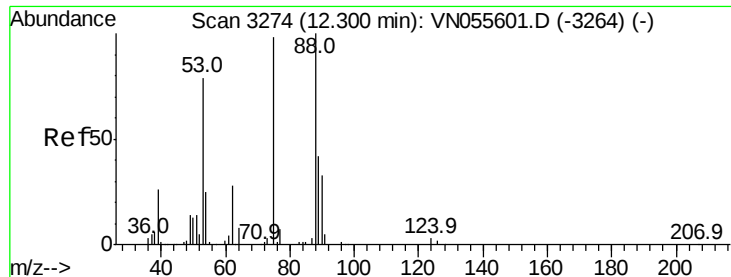
100000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 41.952 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

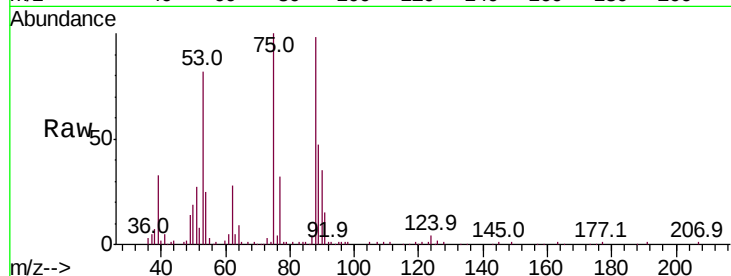
Tot Ion: 75 Resp: 72462

Ion Ratio Lower Upper

75 100

53 80.2 65.1 97.7

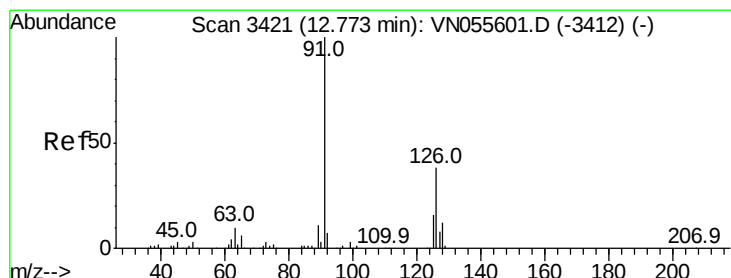
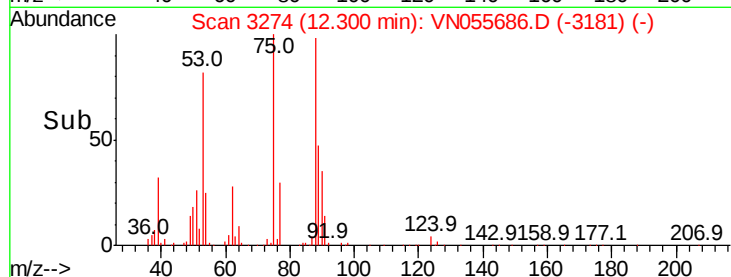
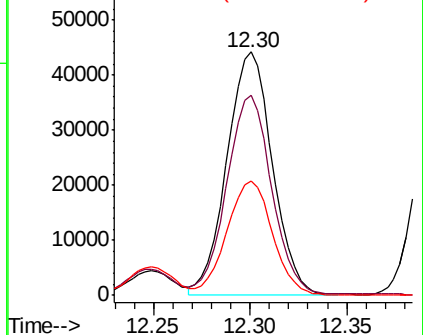
89 47.2 36.4 54.6



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: 42.970 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055686.D

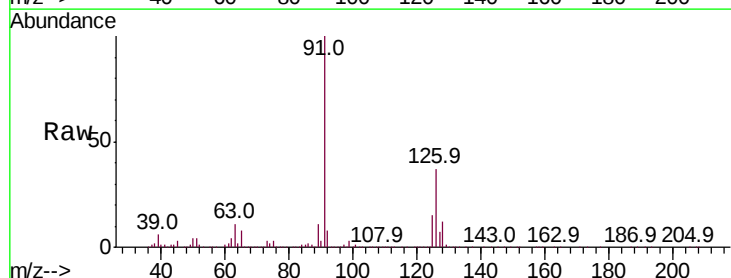
Acq: 20 May 2019 20:06

Tgt Ion: 91 Resp: 489219

Ion Ratio Lower Upper

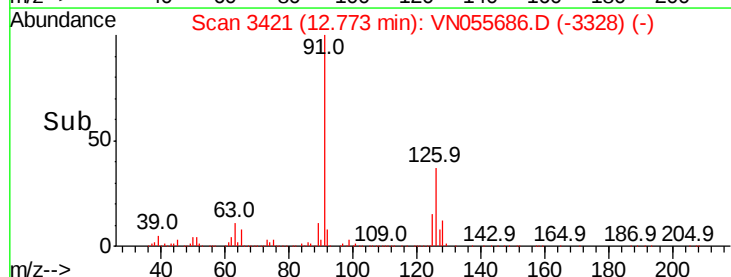
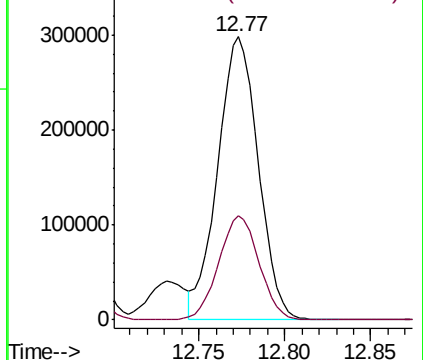
91 100

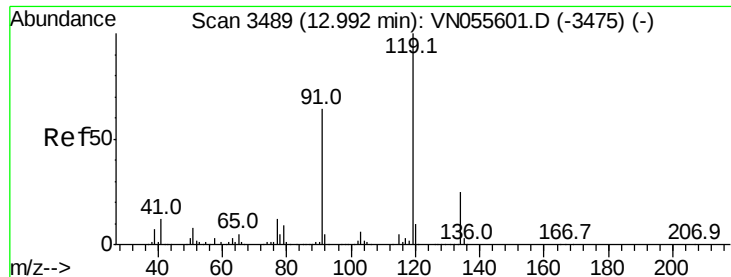
126 36.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.356 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

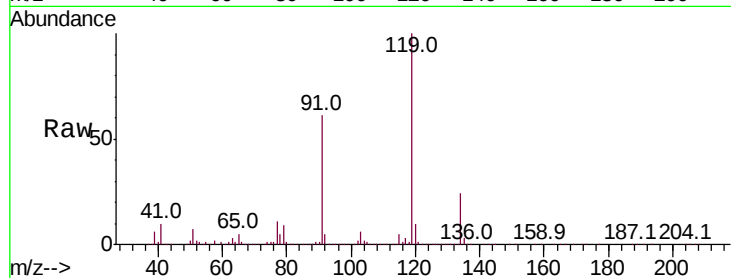
Tot Ion:119 Resp: 578355

Ion Ratio Lower Upper

119 100

91 59.5 31.3 93.8

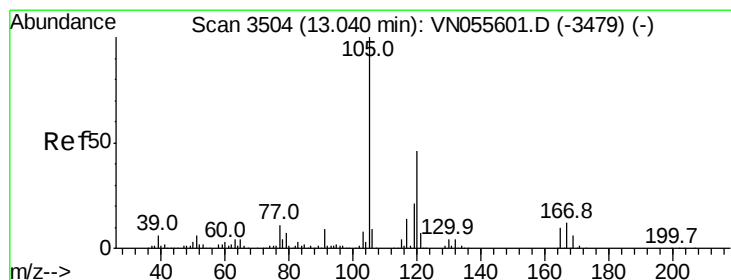
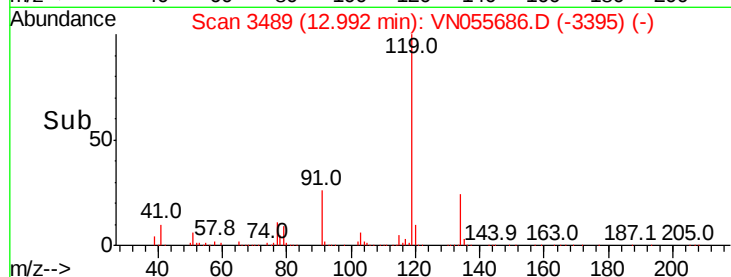
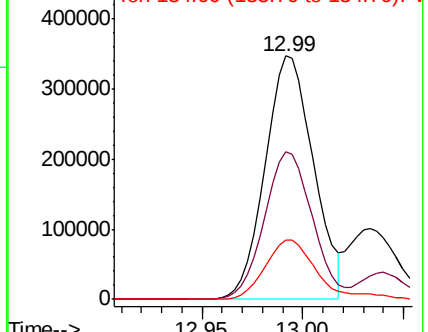
134 26.4 13.2 39.6



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: 49.981 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055686.D

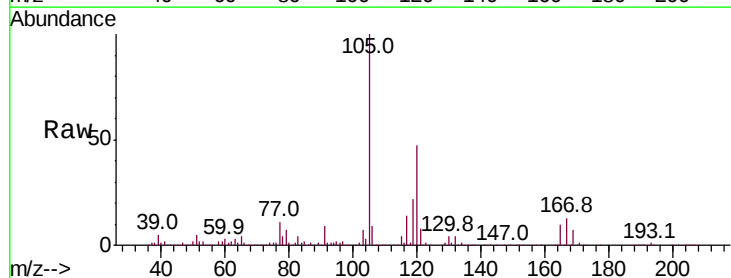
Acq: 20 May 2019 20:06

Tgt Ion:105 Resp: 650990

Ion Ratio Lower Upper

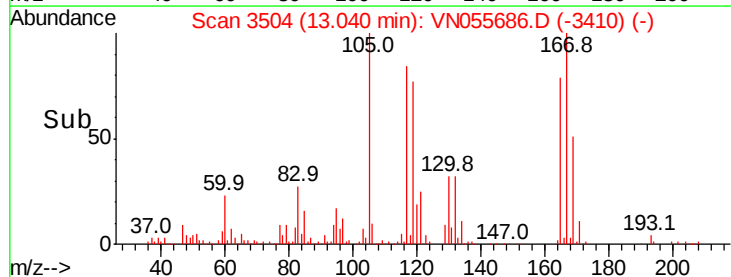
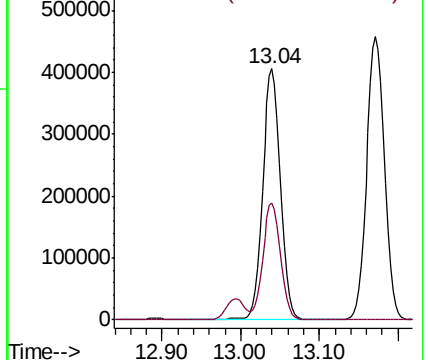
105 100

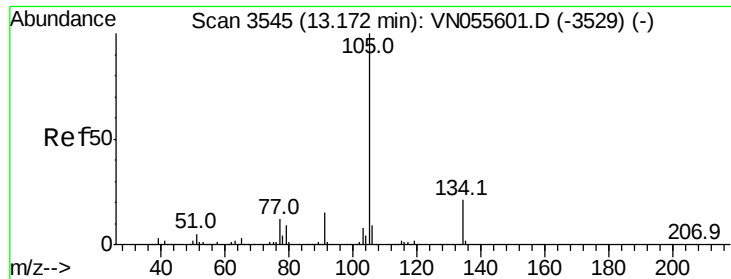
120 46.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

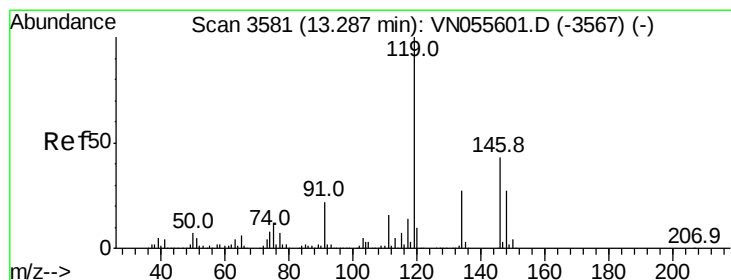
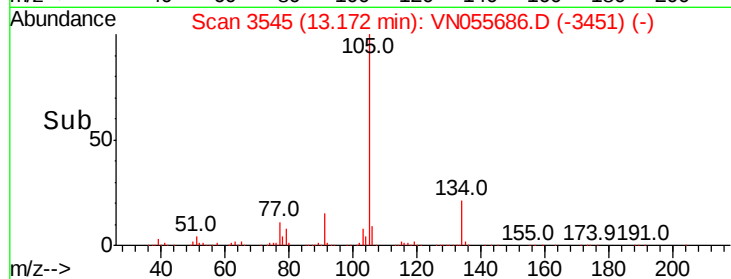
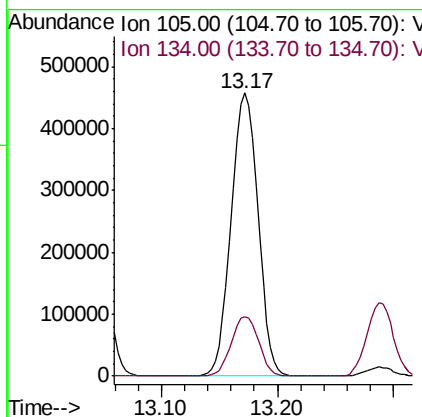
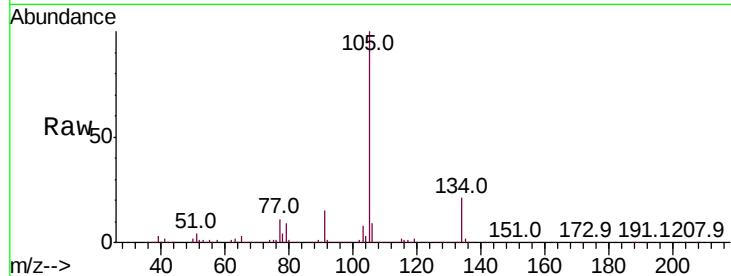
Ion 120.00 (119.70 to 120.70): V





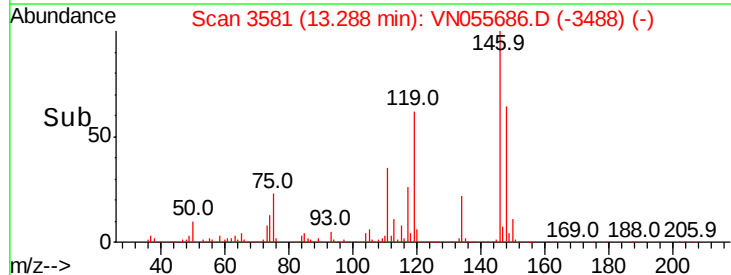
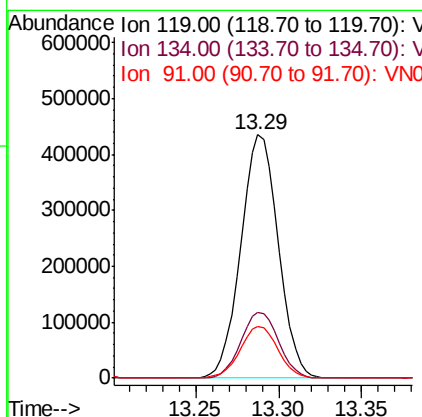
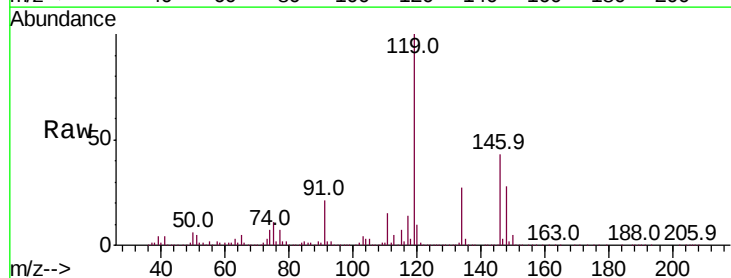
#85
 sec-Butylbenzene
 Concen: 50.162 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

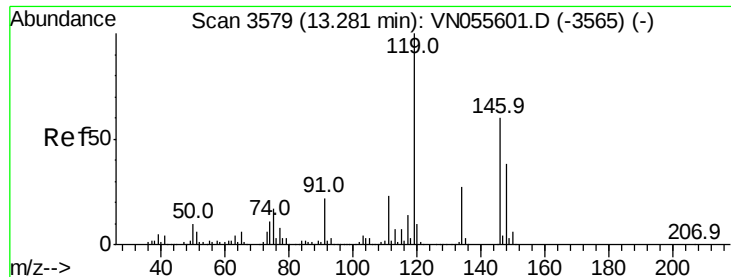
Tot Ion:105 Resp: 729613
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 50.159 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

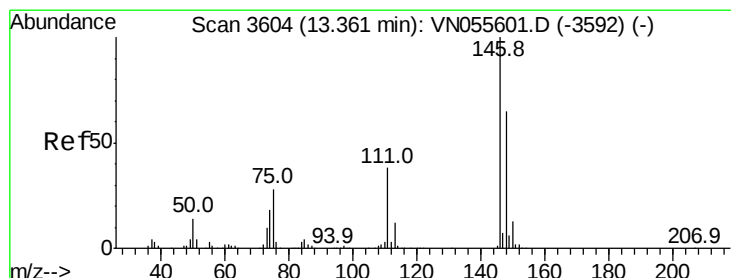
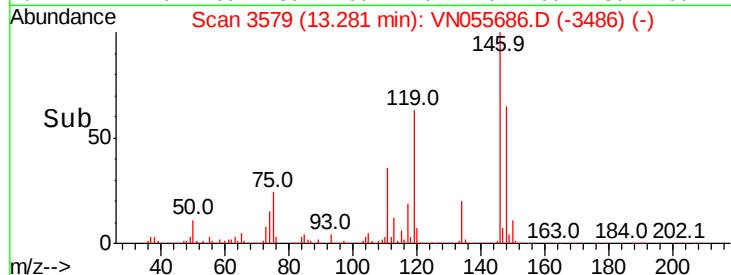
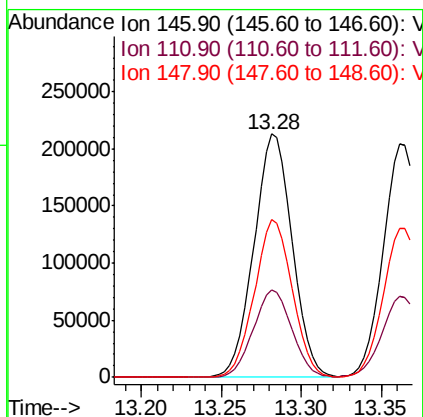
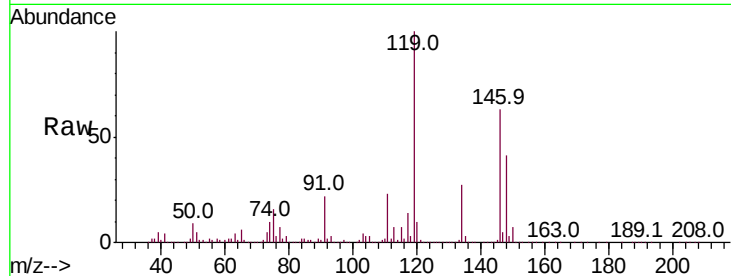
Tgt Ion:119 Resp: 679285
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.2
 91 21.2 11.0 33.0





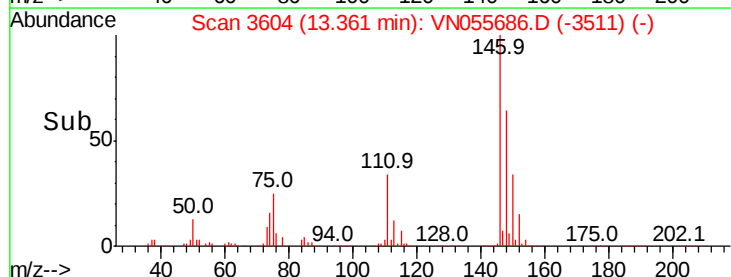
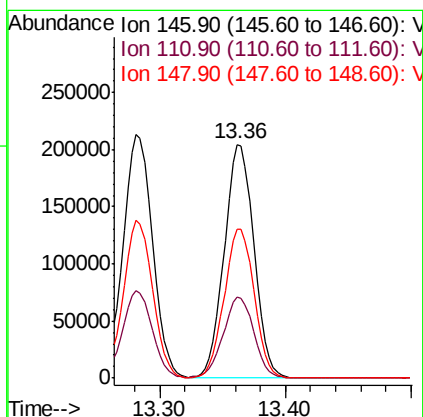
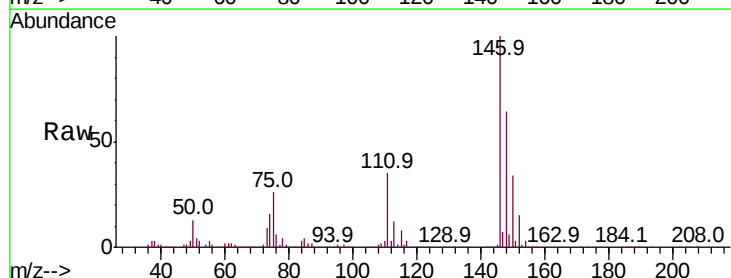
#87
 1,3-Dichlorobenzene
 Concen: 47.448 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

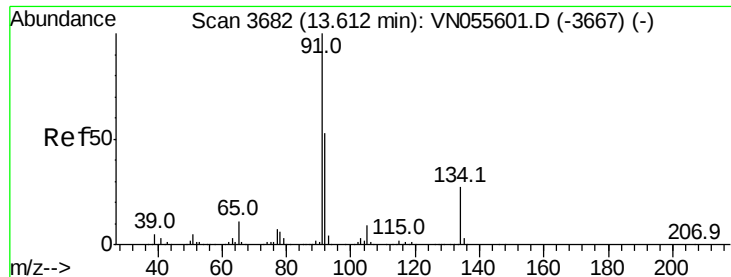
Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.9	56.9
148	64.1	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.644 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

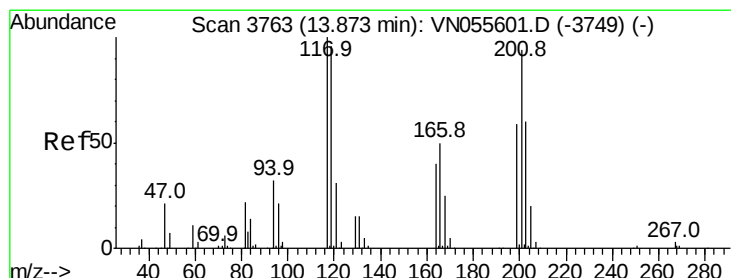
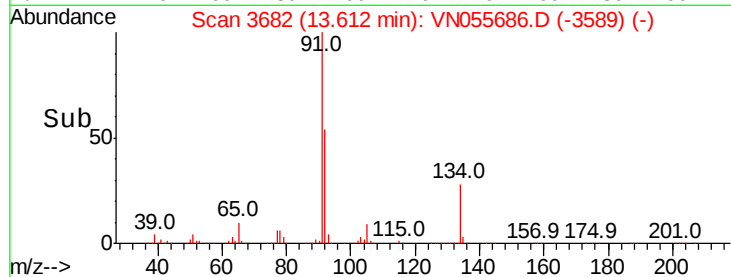
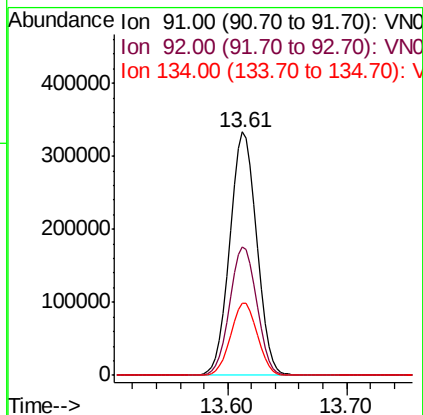
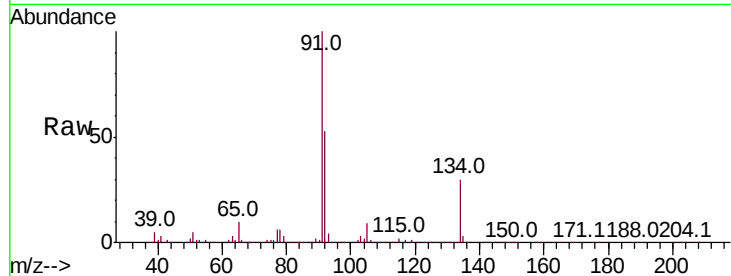
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.0	18.8	56.4
148	64.6	32.4	97.0





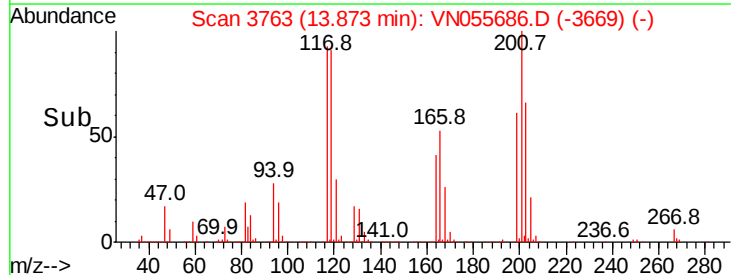
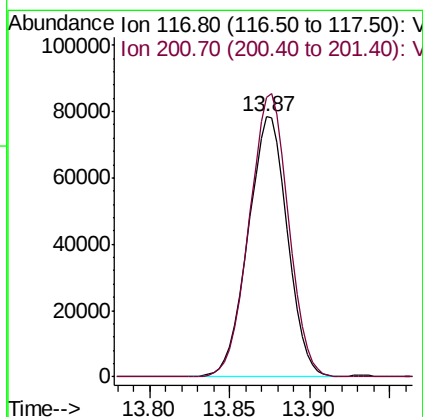
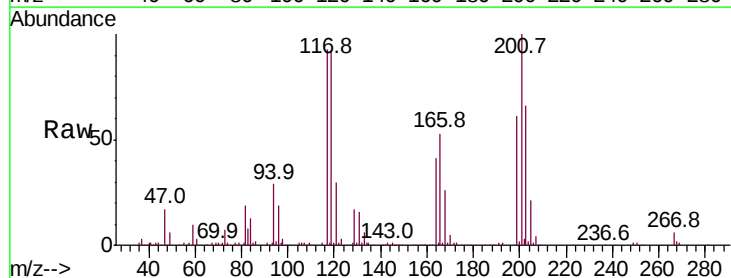
#89
n-Butylbenzene
Concen: 43.477 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

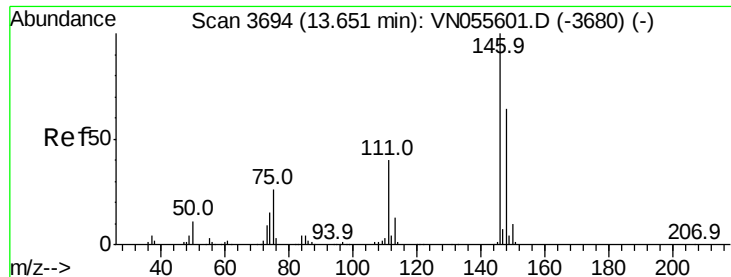
Tot Ion: 91 Resp: 519118
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.0
134 29.8 13.7 41.1



#90
Hexachloroethane
Concen: 50.626 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion: 117 Resp: 130937
Ion Ratio Lower Upper
117 100
201 109.8 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 47.207 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

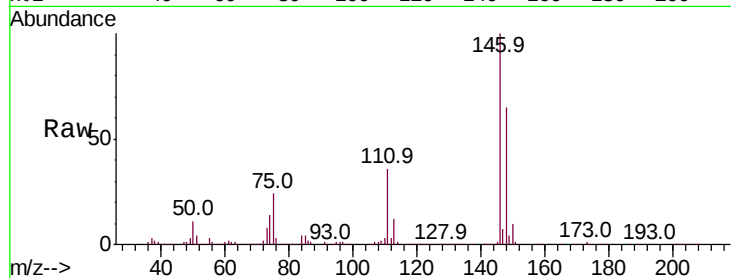
Tot Ion:146 Resp: 347704

Ion Ratio Lower Upper

146 100

111 36.6 19.7 59.0

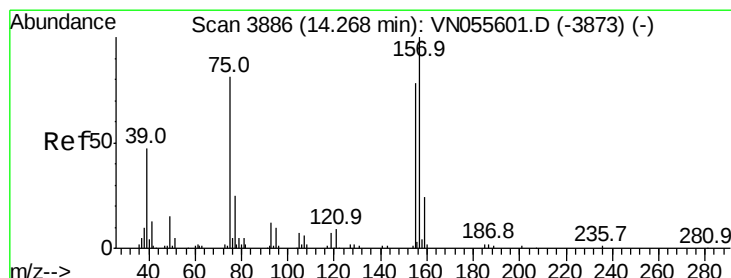
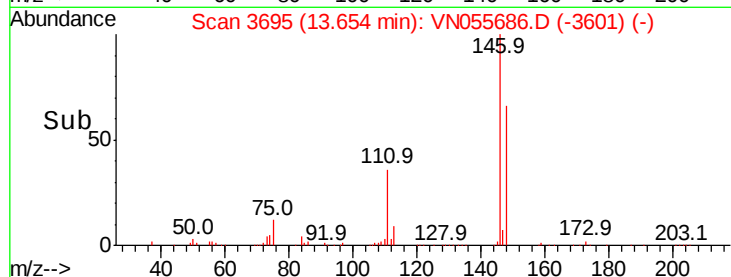
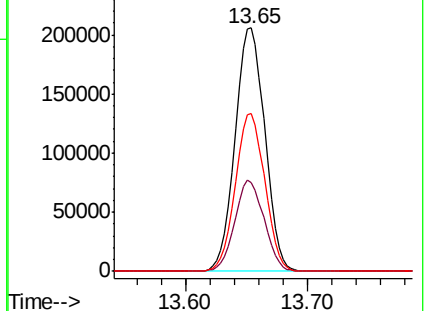
148 64.2 32.1 96.3



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: 44.301 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

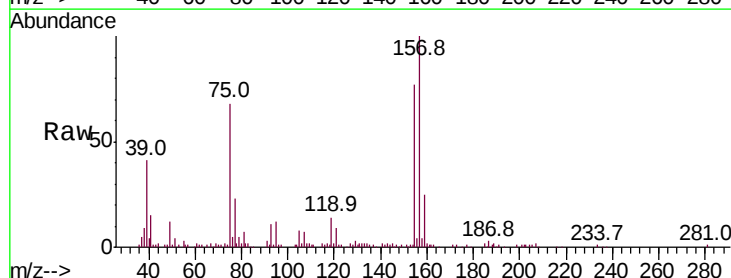
Tgt Ion: 75 Resp: 43747

Ion Ratio Lower Upper

75 100

155 113.3 48.4 145.0

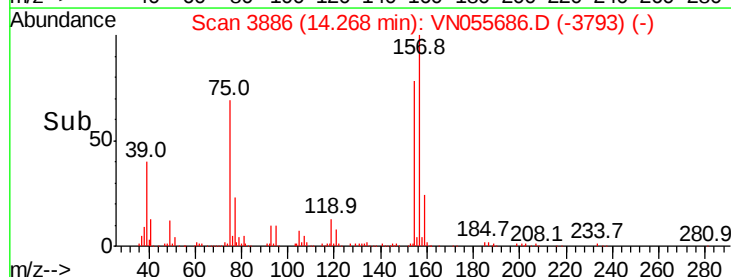
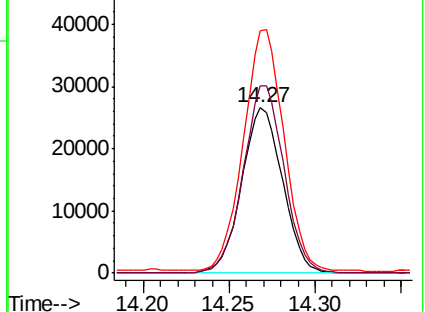
157 145.7 62.3 186.8

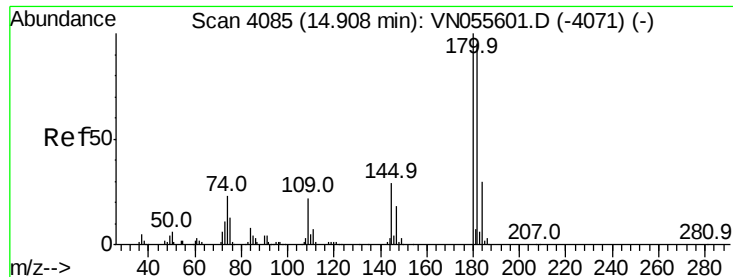


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

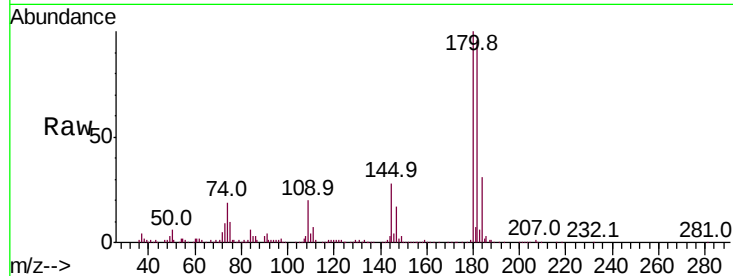
Ion 156.80 (156.50 to 157.50): V



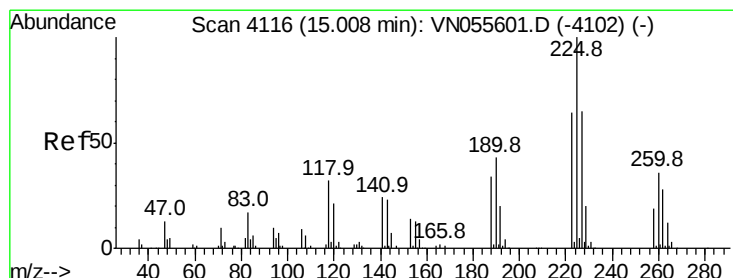
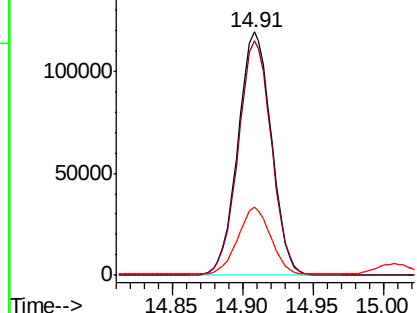
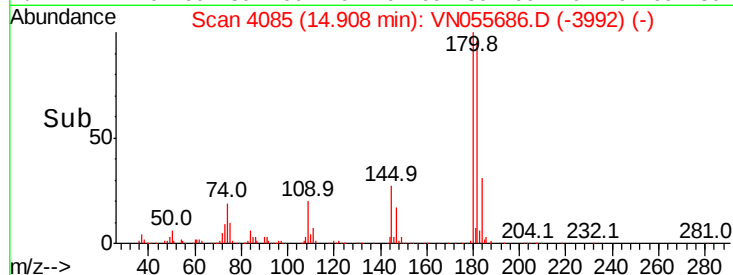


#93
 1,2,4-Trichlorobenzene
 Concen: 52.869 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	26.9	14.3	42.9

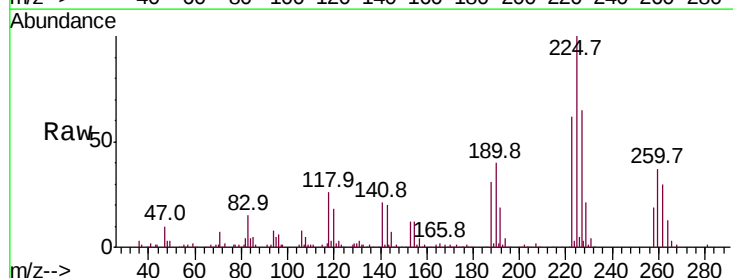


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

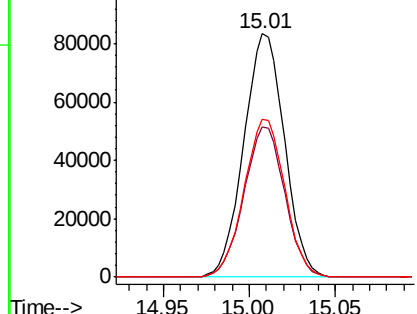
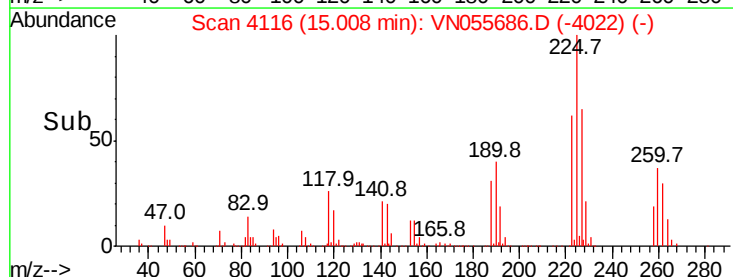


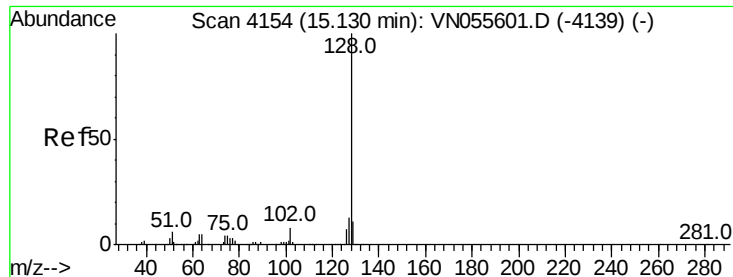
#94
 Hexachlorobutadiene
 Concen: 61.109 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.6	94.7
227	65.0	32.4	97.0



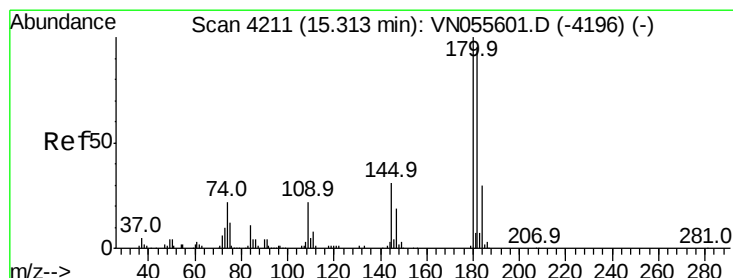
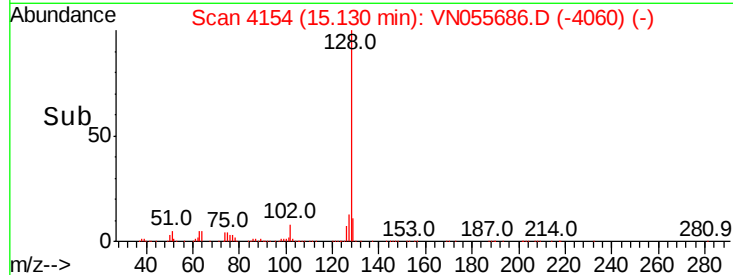
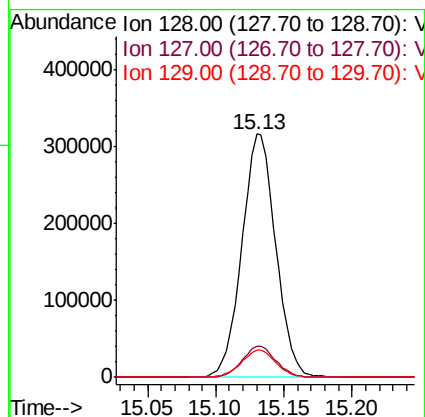
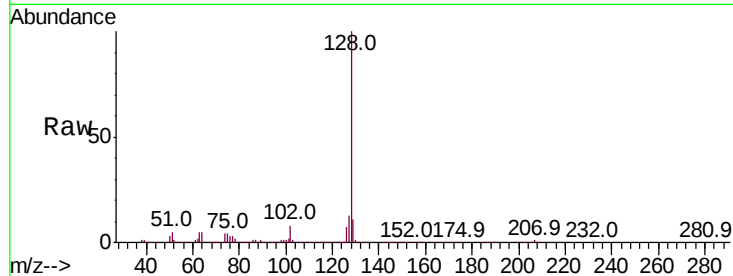
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 47.871 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.097 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	29.7	15.4	46.1

