

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 04:39:26 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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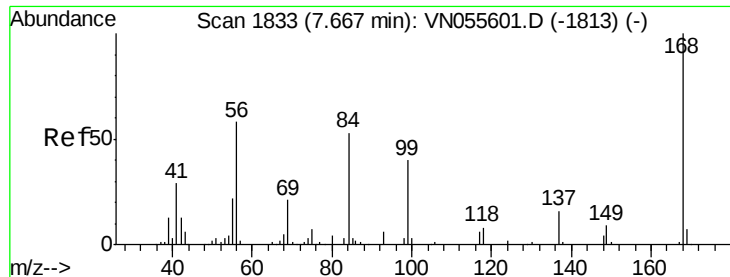
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	245499	44.601	ug/l	98
40) Benzene	8.04	78	616552	45.908	ug/l	99
41) Methacrylonitrile	7.21	41	276650	157.045	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	194272	44.671	ug/l	98
43) Isopropyl Acetate	8.16	43	353809	49.364	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	281574	63.417	ug/l #	100
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

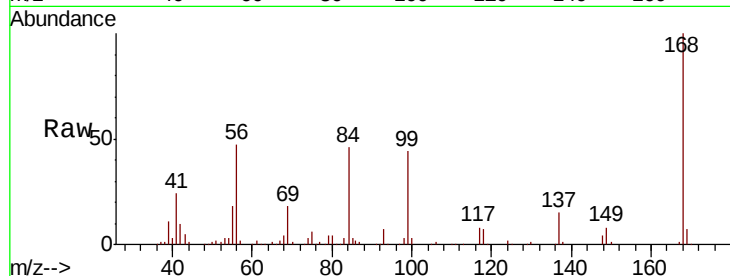
Acq: 20 May 2019 20:06

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): VN055601.D (-1813) (-)

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

7.67

150000

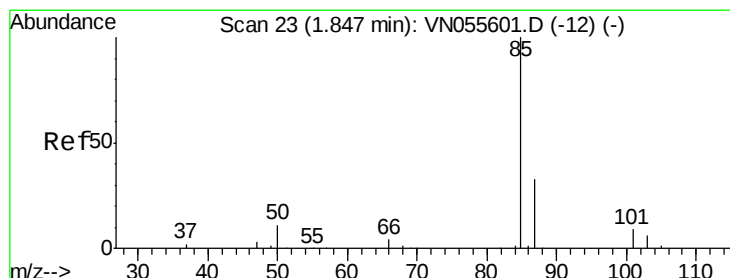
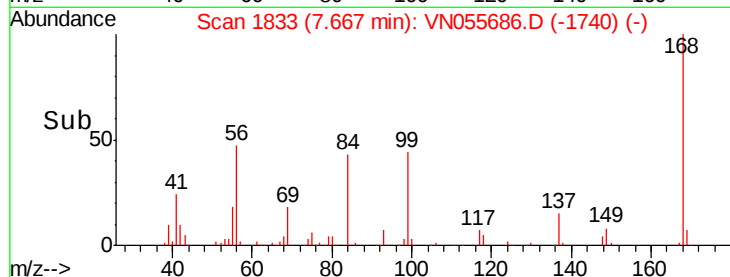
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 39.425 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055686.D

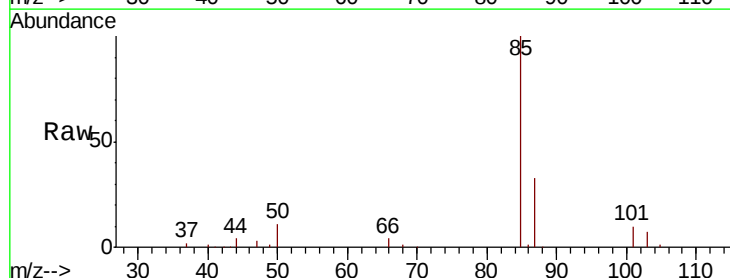
Acq: 20 May 2019 20:06

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): VN055601.D (-12) (-)

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

1.85

80000

60000

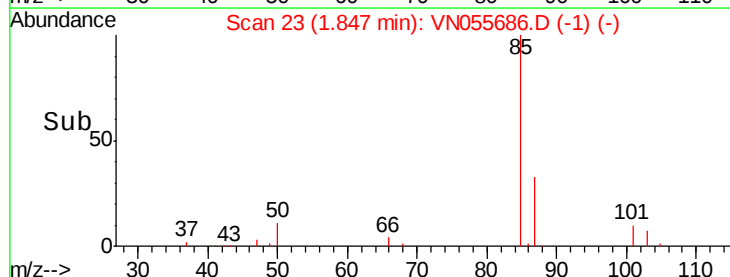
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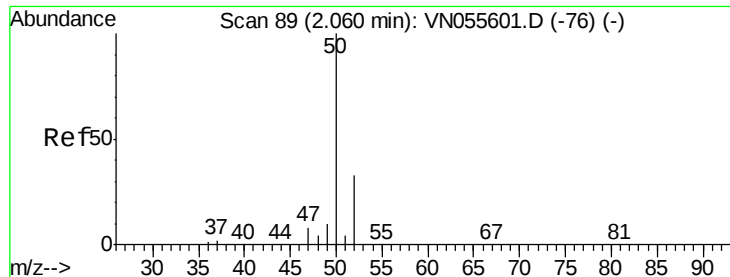
20000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 39.052 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055686.D

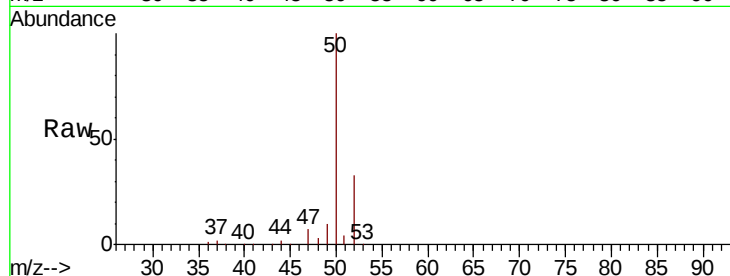
Acq: 20 May 2019 20:06

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): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

100000

80000

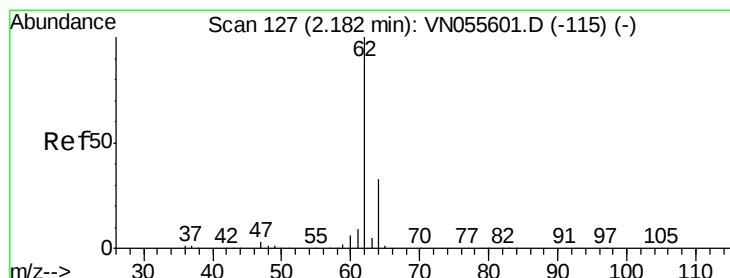
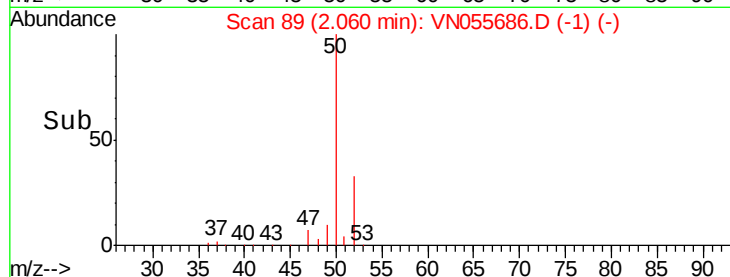
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 40.824 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN055686.D

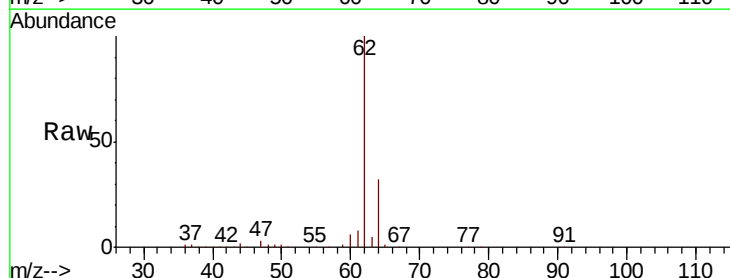
Acq: 20 May 2019 20:06

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): VN0

Ion 63.90 (63.60 to 64.60): VN0

120000

100000

80000

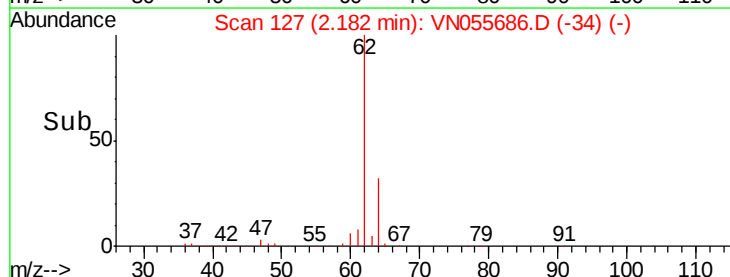
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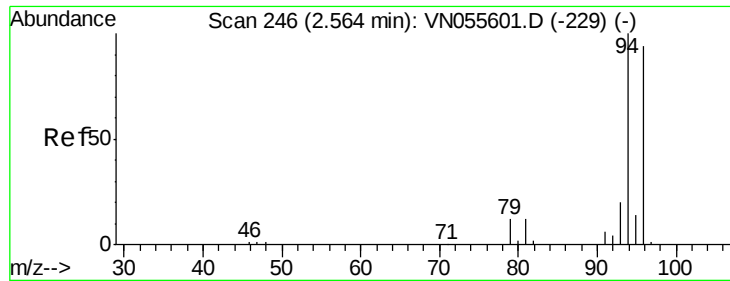
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20000

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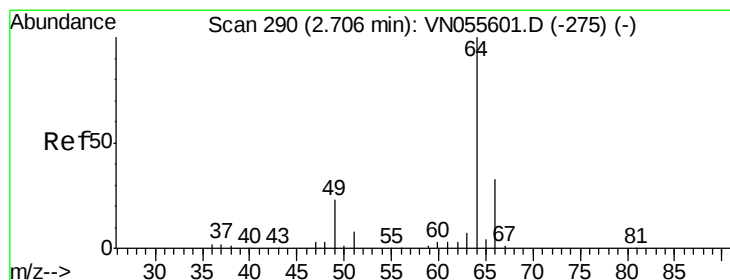
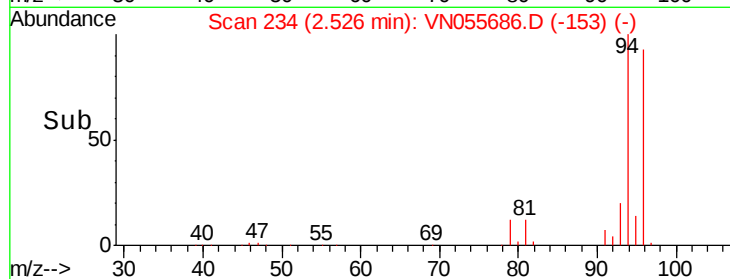
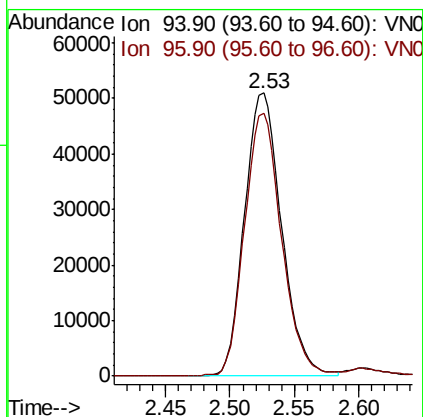
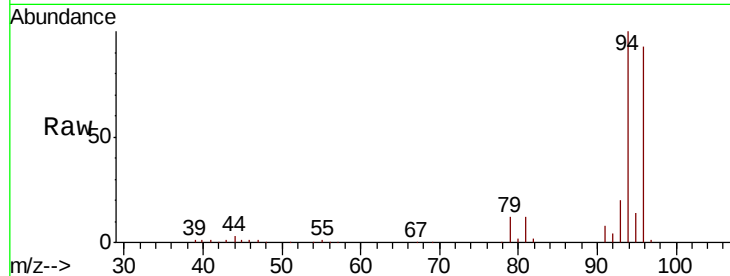
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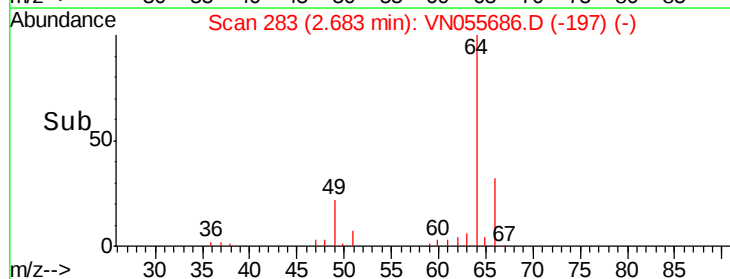
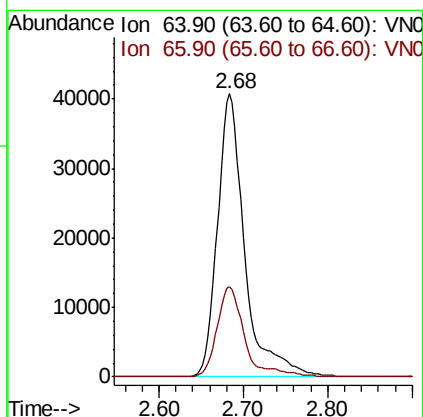
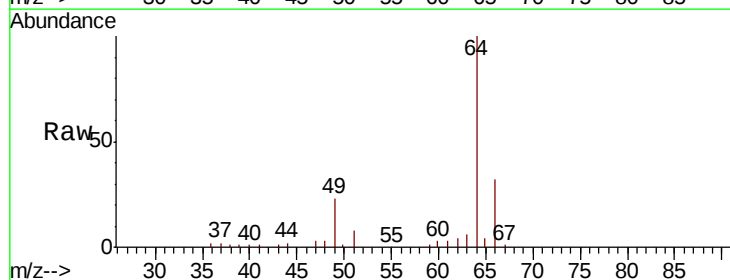
#5
Bromomethane
Concen: 41.396 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.04 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

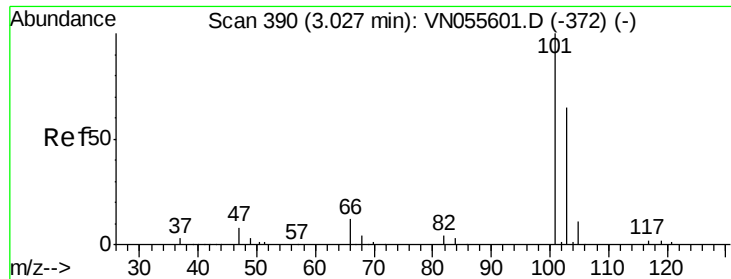
Tot Ion: 94 Resp: 102423
Ion Ratio Lower Upper
94 100
96 92.7 75.2 112.8



#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

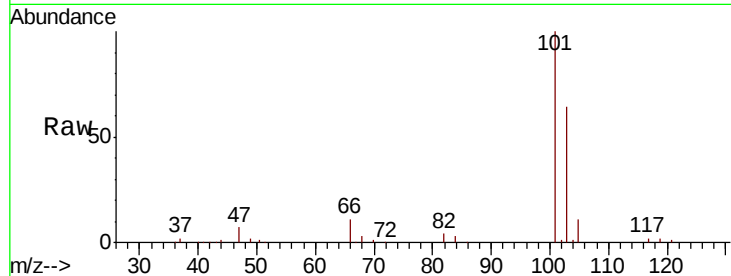




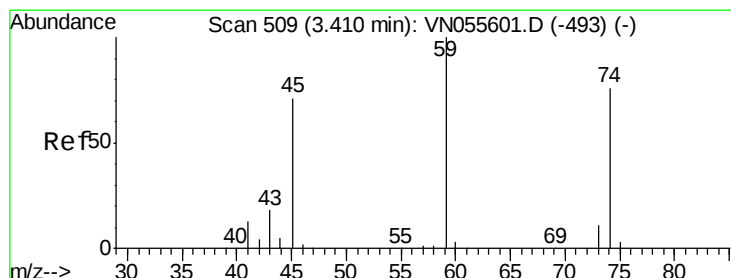
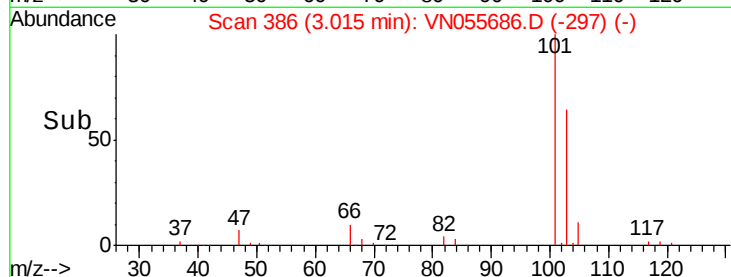
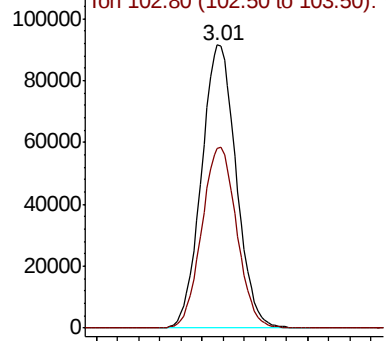
#7

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:101 Resp: 208844
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5



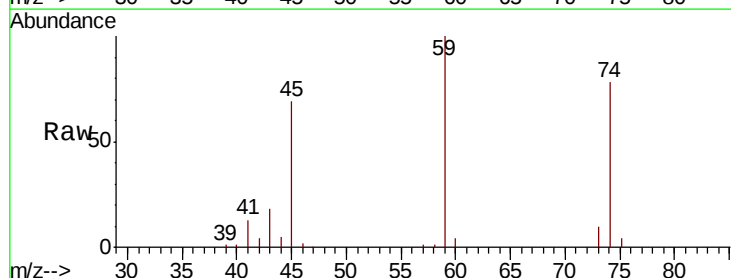
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



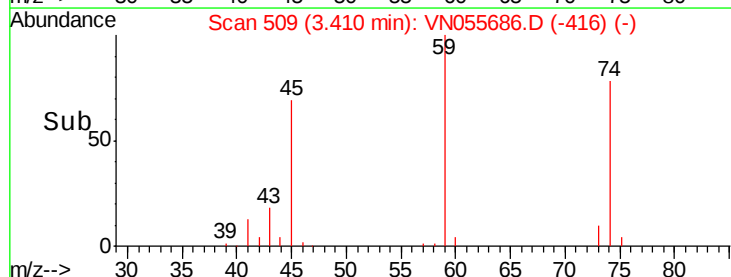
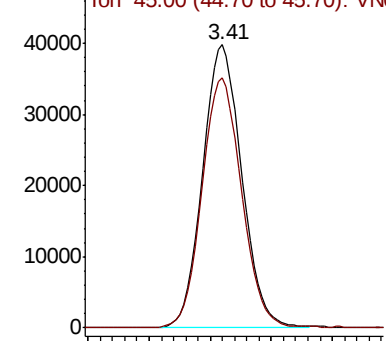
#8

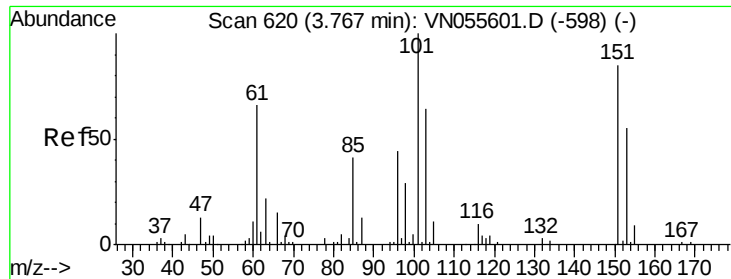
Diethyl Ether
 Concen: 44.211 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tgt Ion: 74 Resp: 88359
 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

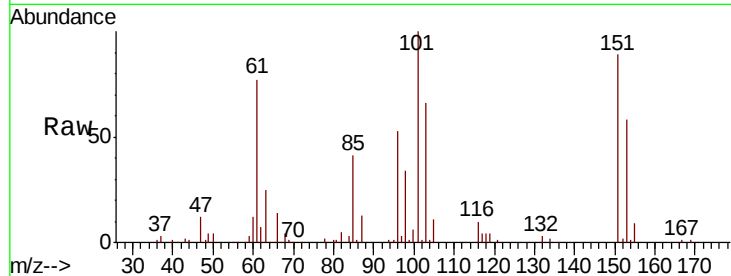
Tot Ion:101 Resp: 130080

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.0

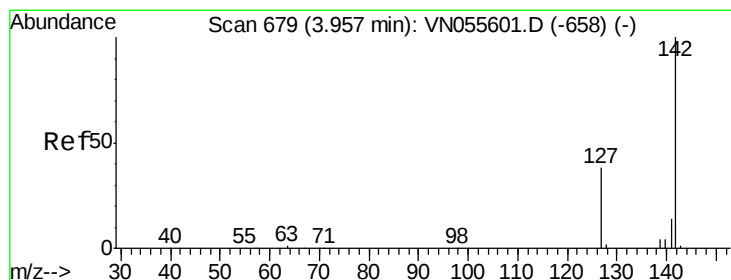
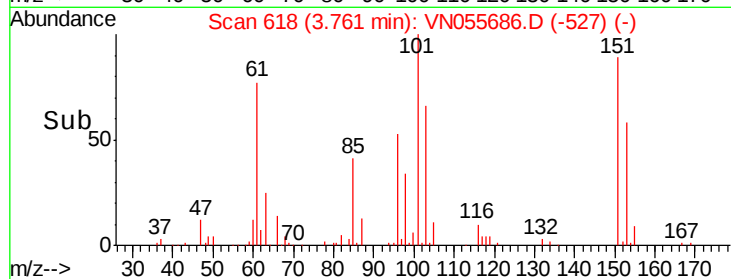
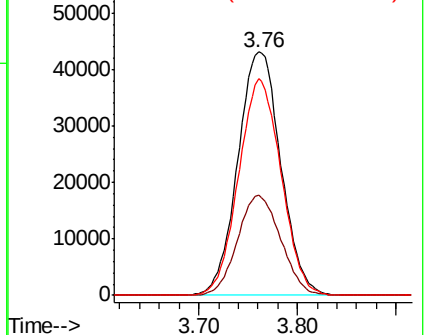
151 87.8 69.3 103.9



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

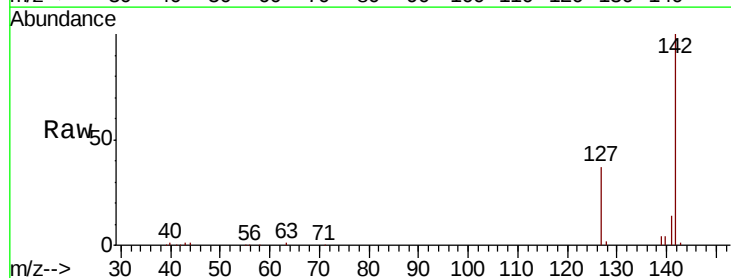
Tgt Ion:142 Resp: 204095

Ion Ratio Lower Upper

142 100

127 37.2 31.0 46.4

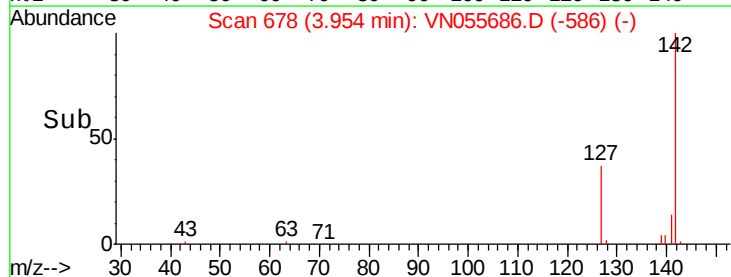
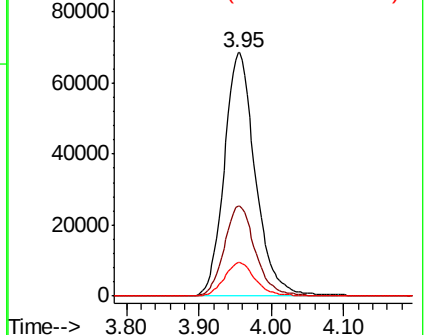
141 13.7 11.5 17.3

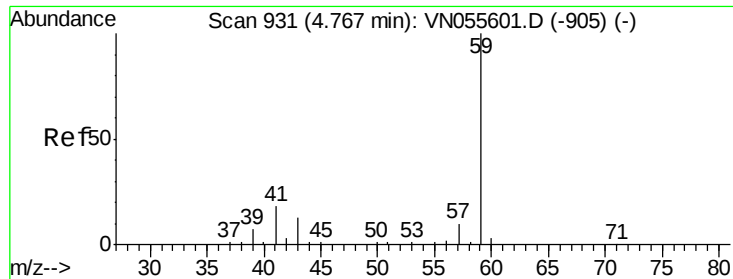


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

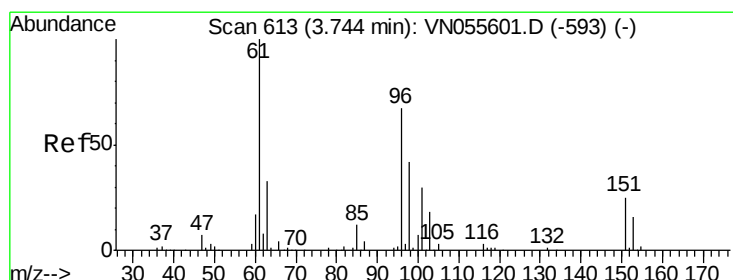
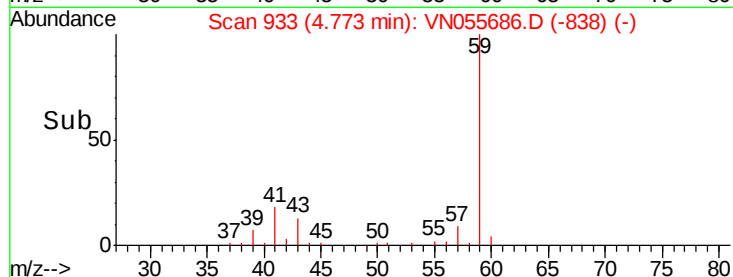
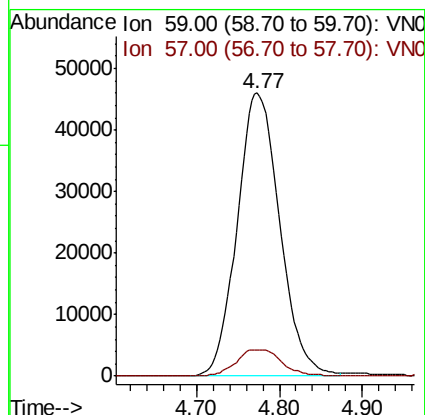
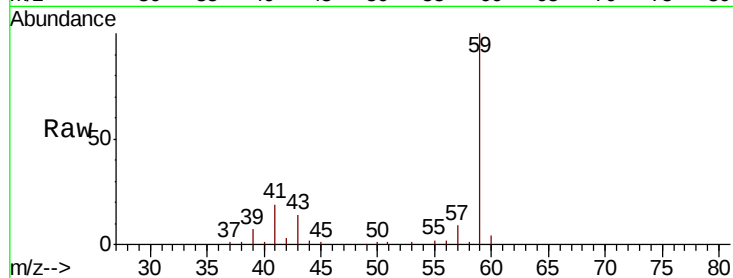
Ion 140.80 (140.50 to 141.50): V





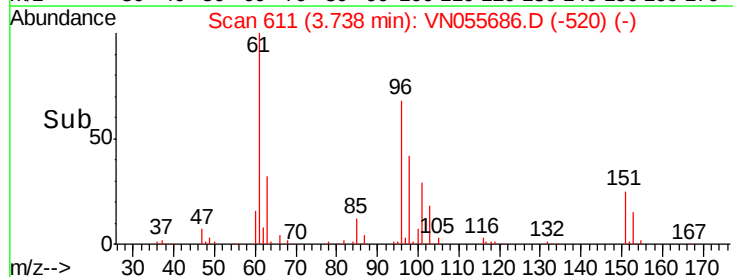
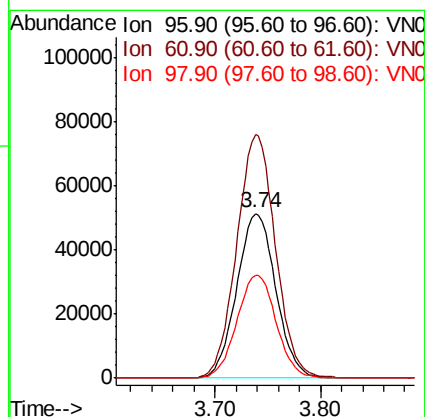
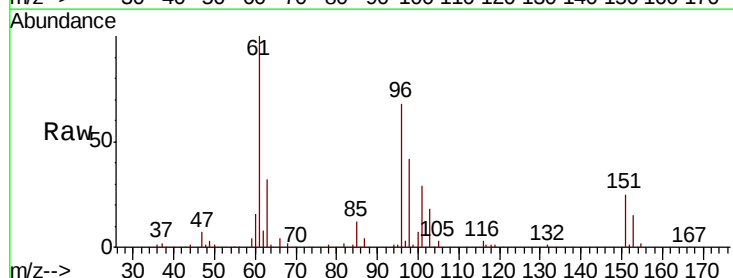
#11
Tert butyl alcohol
Concen: 230.207 ug/l
RT: 4.77 min Scan# 933
Delta R.T. 0.01 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

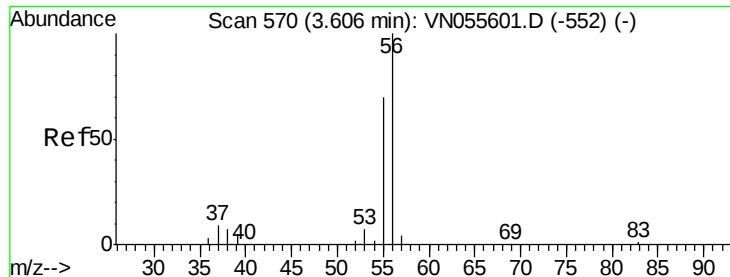
Tot Ion: 59 Resp: 164406
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6



#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

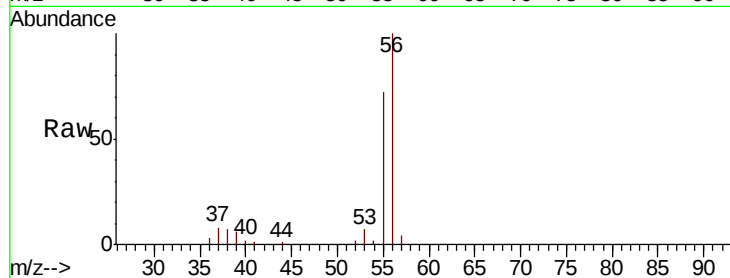
Acq: 20 May 2019 20:06

Tot Ion: 56 Resp: 77706

Ion Ratio Lower Upper

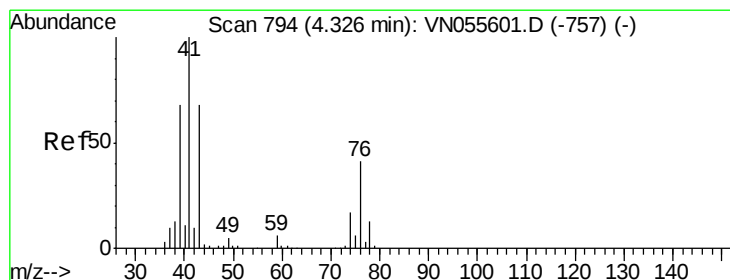
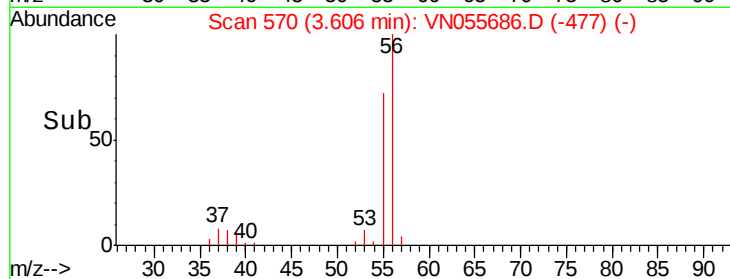
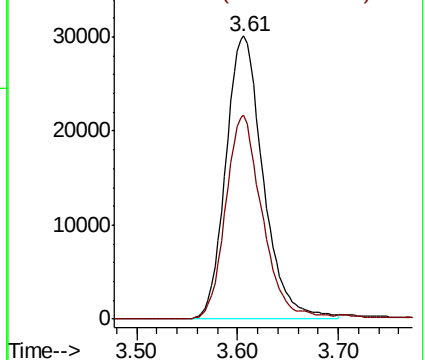
56 100

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

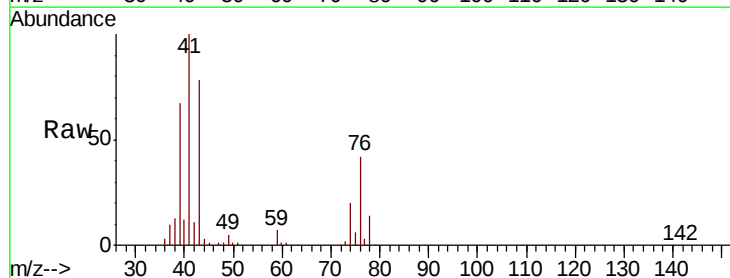
Tgt Ion: 41 Resp: 213294

Ion Ratio Lower Upper

41 100

39 61.6 50.5 75.7

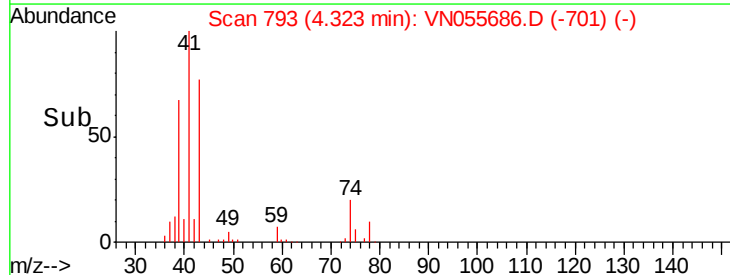
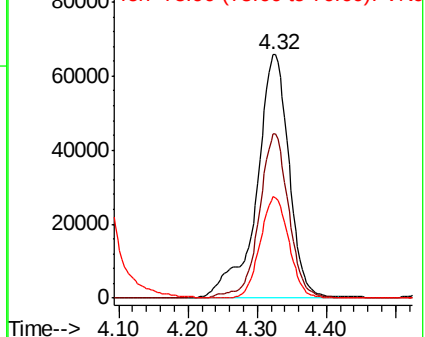
76 36.9 29.2 43.8

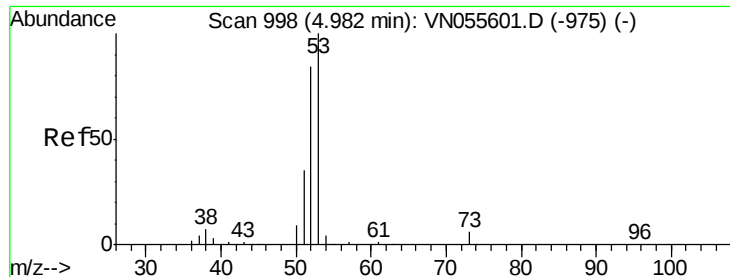


Abundance Ion 41.00 (40.70 to 41.70): VN0

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

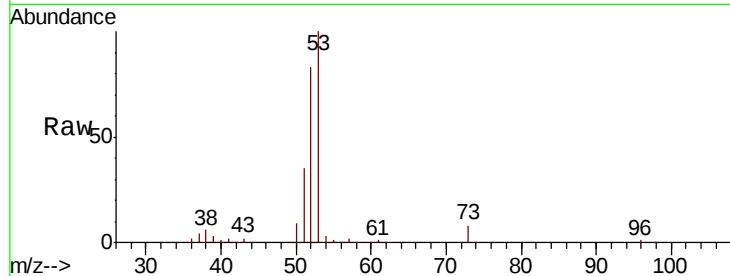
Tot Ion: 53 Resp: 365206

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.4

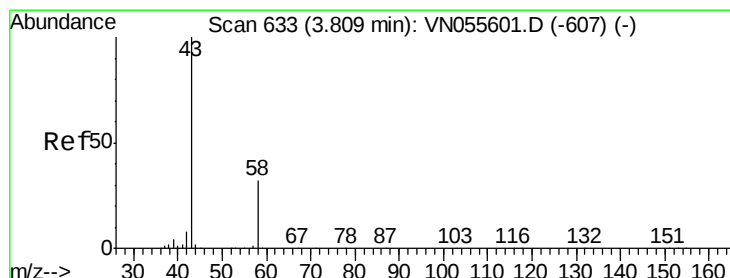
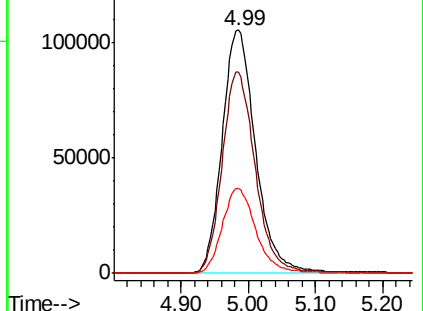
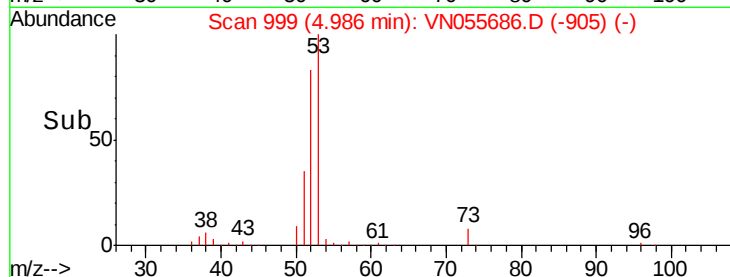
51 35.4 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 188.453 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN055686.D

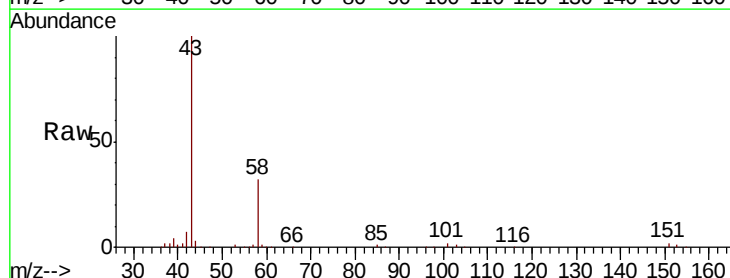
Acq: 20 May 2019 20:06

Tgt Ion: 43 Resp: 294527

Ion Ratio Lower Upper

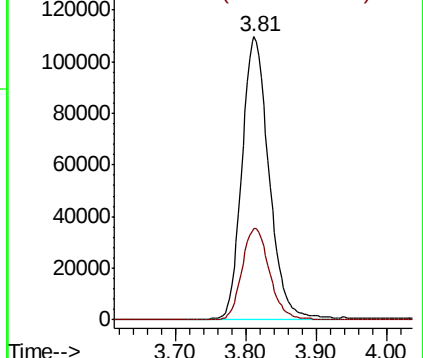
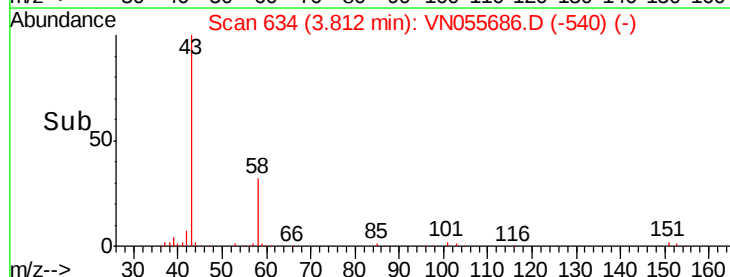
43 100

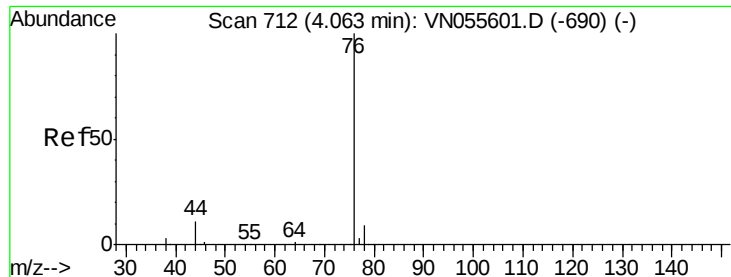
58 32.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

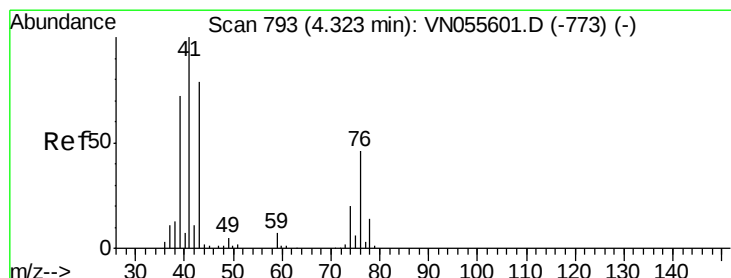
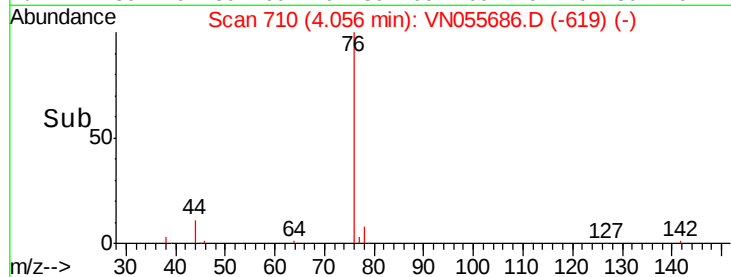
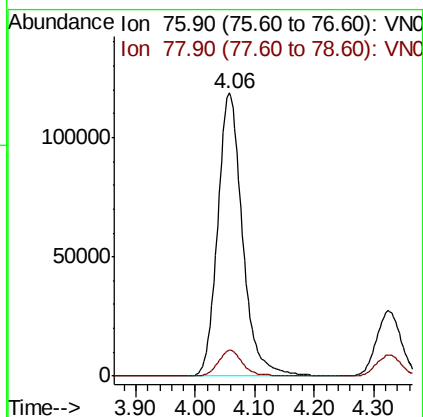
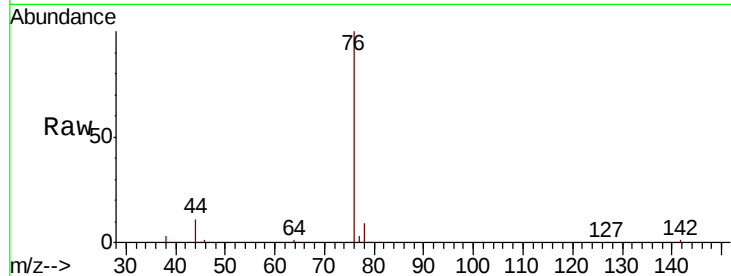
Ion 58.00 (57.70 to 58.70): VN0





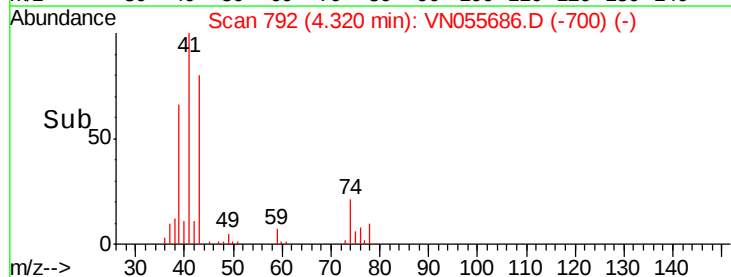
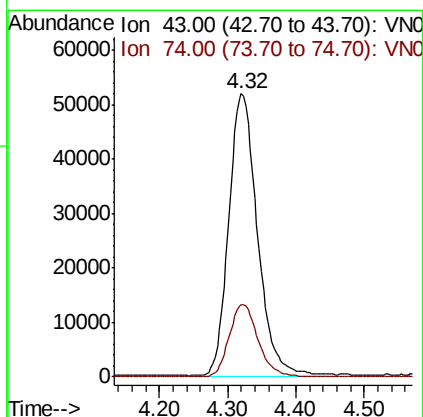
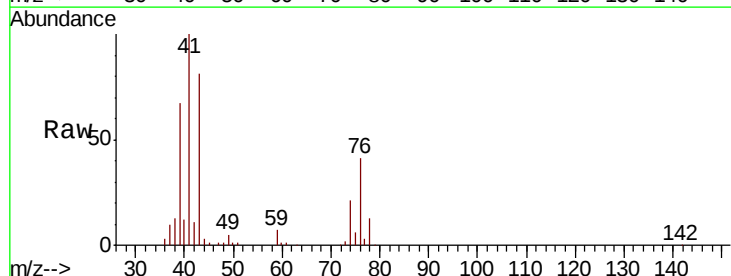
#17
Carbon Disulfide
Concen: 38.604 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.01 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

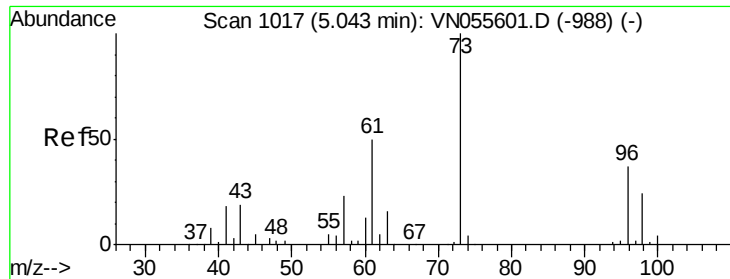
Tot Ion: 76 Resp: 342398
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#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

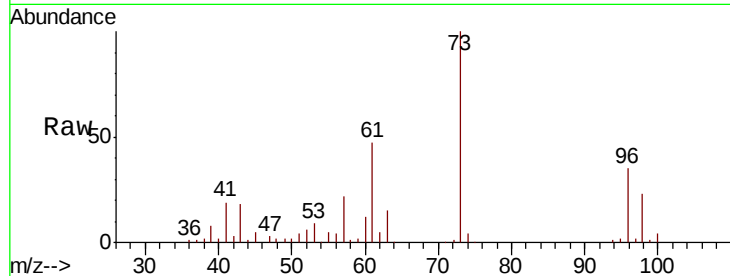




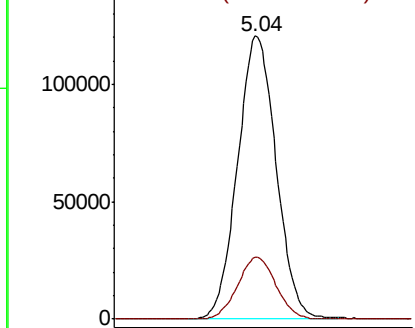
#19

Methyl tert-butyl 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

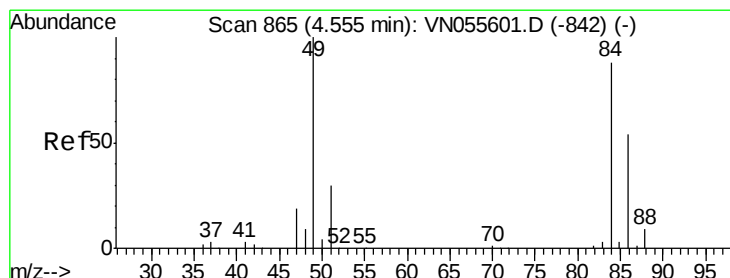
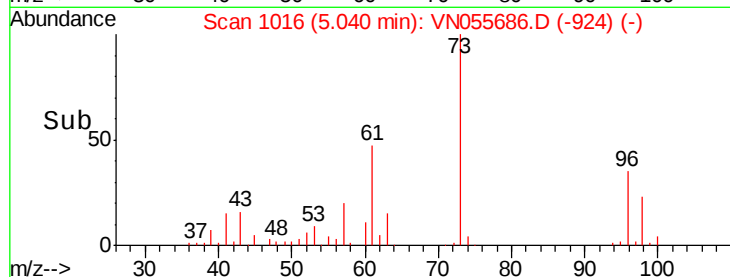
Tot Ion: 73 Resp: 453500
 Ion Ratio Lower Upper
 73 100
 57 22.0 18.2 27.2



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



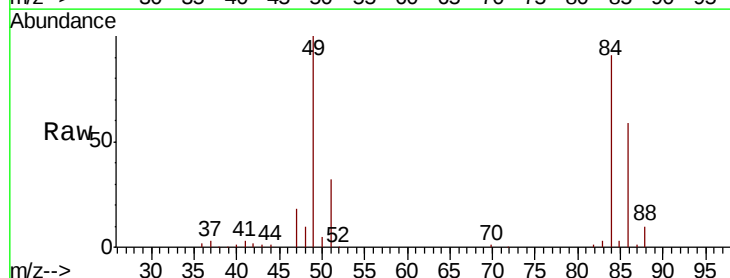
Time-->



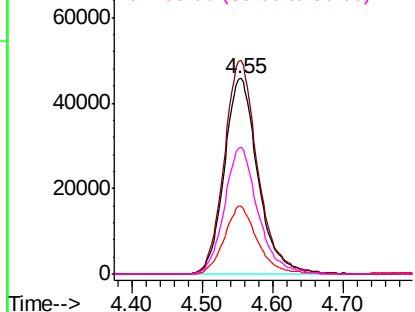
#20

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

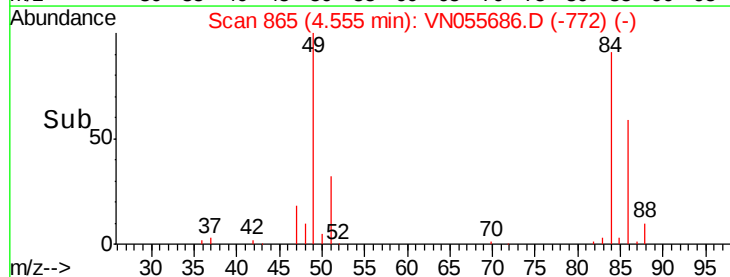
Tgt Ion: 84 Resp: 151944
 Ion Ratio Lower Upper
 84 100
 49 109.3 91.0 136.4
 51 34.8 27.5 41.3
 86 64.8 49.4 74.0

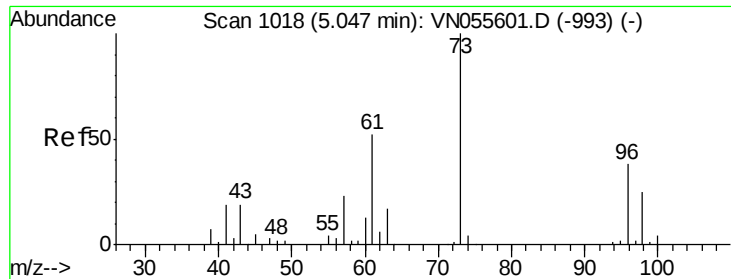


Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0



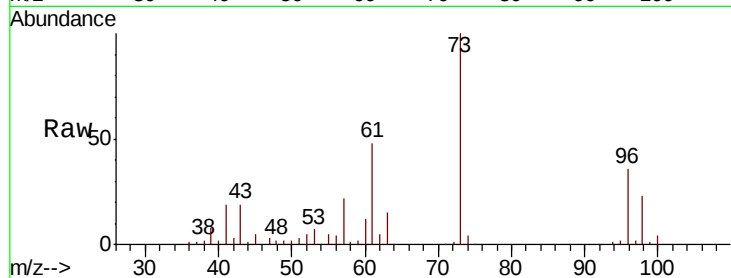
Time-->



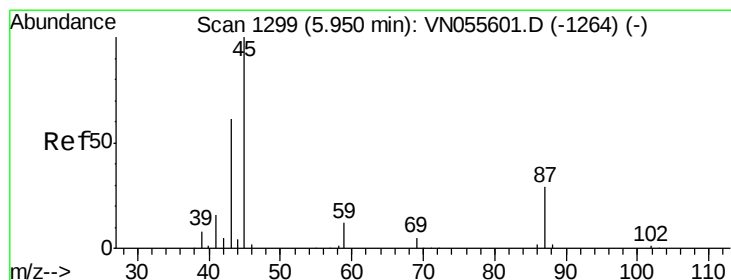
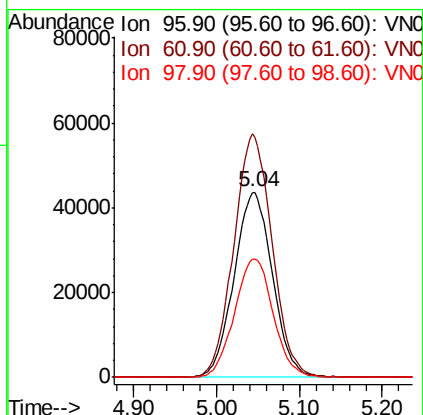
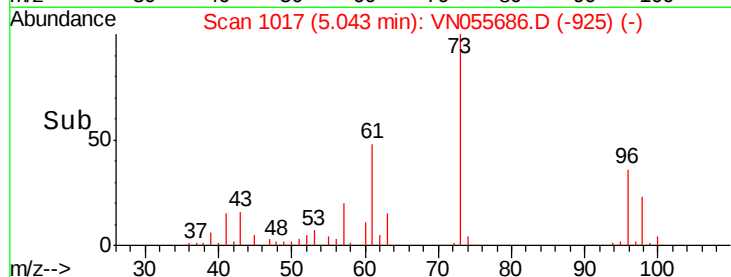


#21
trans-1,2-Dichloroethene
Concen: 41.341 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tot Ion: 96 Resp: 140511
Ion Ratio Lower Upper
96 100
61 131.7 108.6 162.8
98 64.0 51.4 77.0

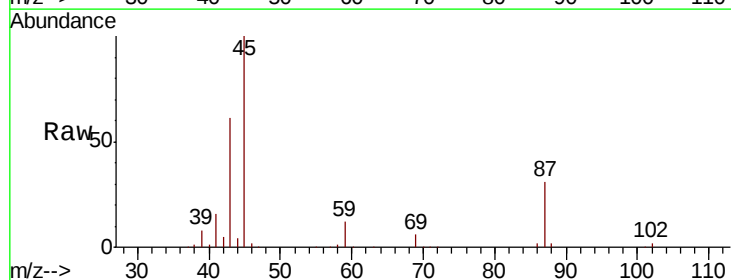


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

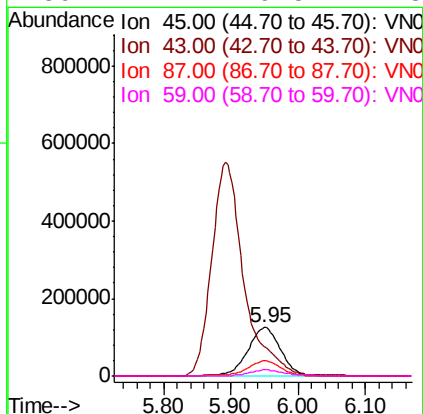
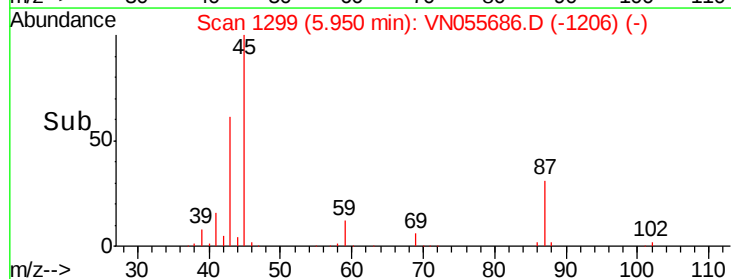


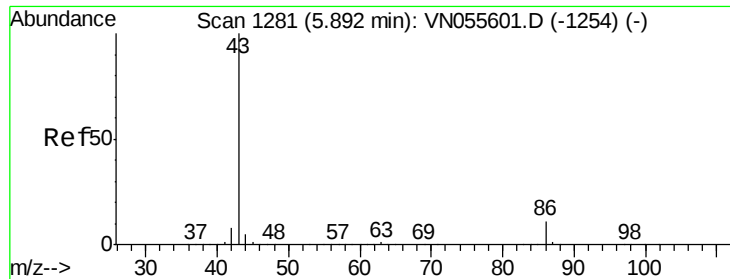
#22
Diisopropyl ether
Concen: 41.956 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

Tgt Ion: 45 Resp: 428215
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



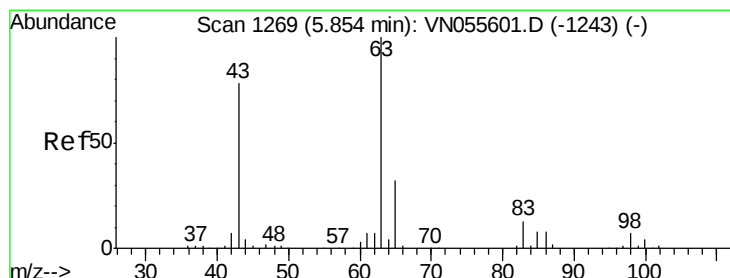
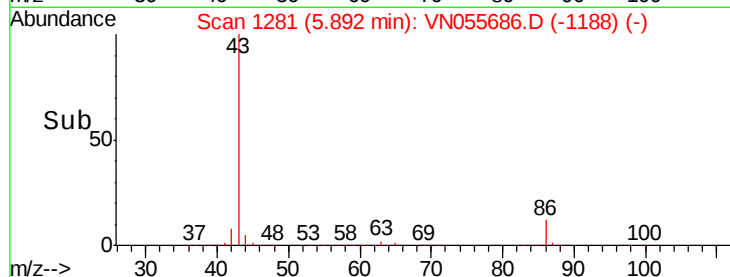
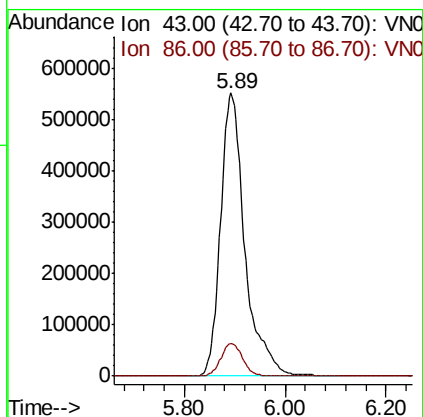
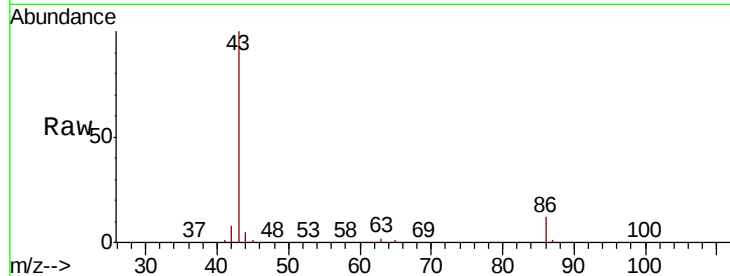
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





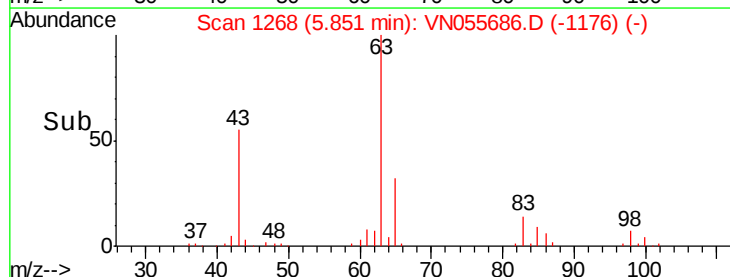
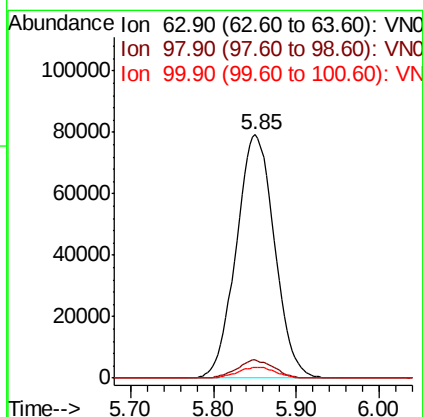
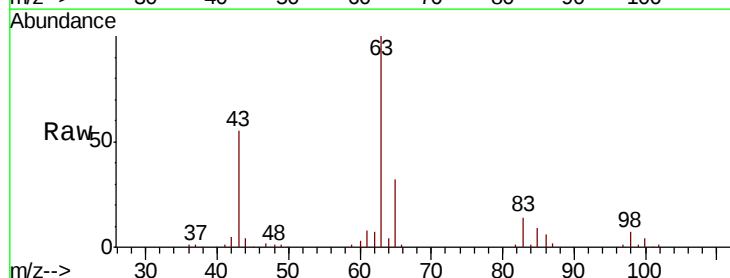
#23
 Vinyl Acetate
 Concen: 213.326 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

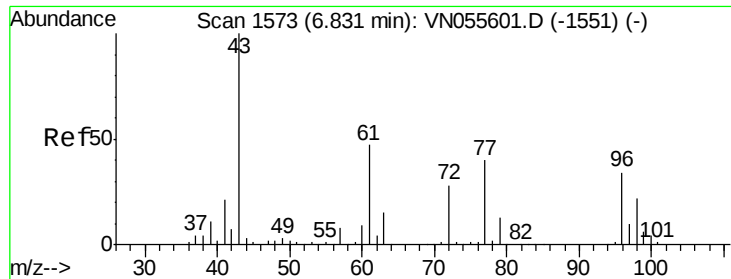
Tot Ion: 43 Resp: 1847469
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.7 13.1



#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

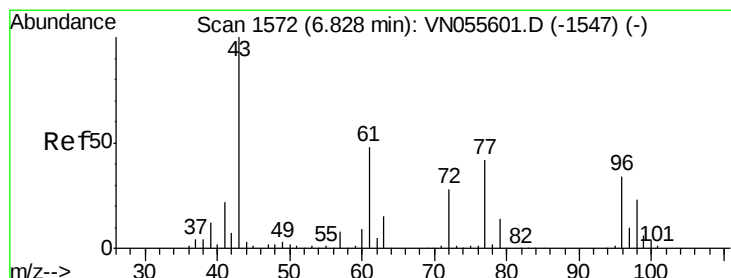
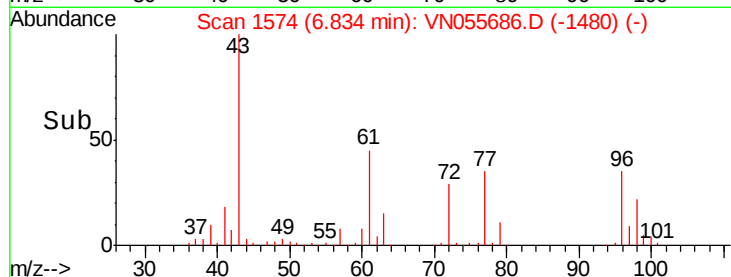
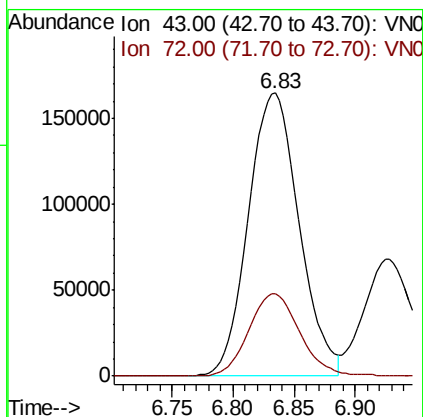
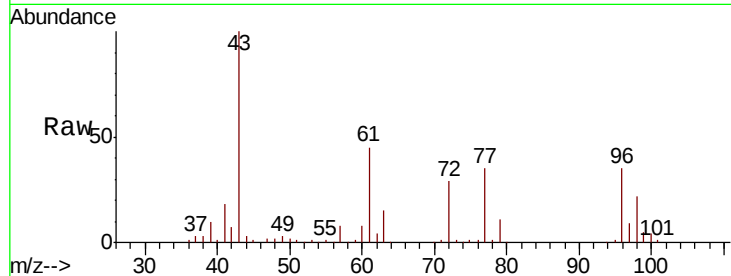
Tgt Ion: 63 Resp: 254398
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.5 2.2 6.6





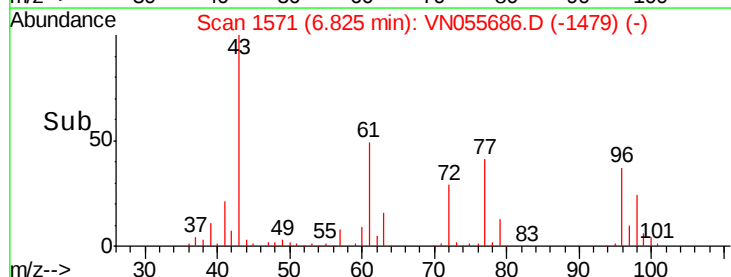
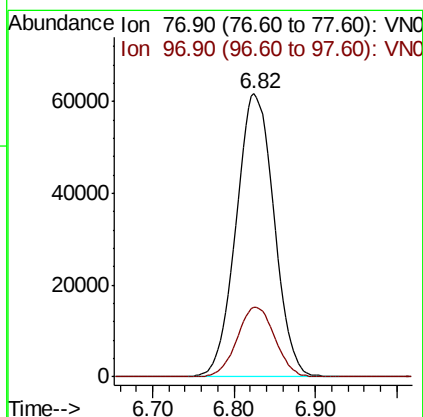
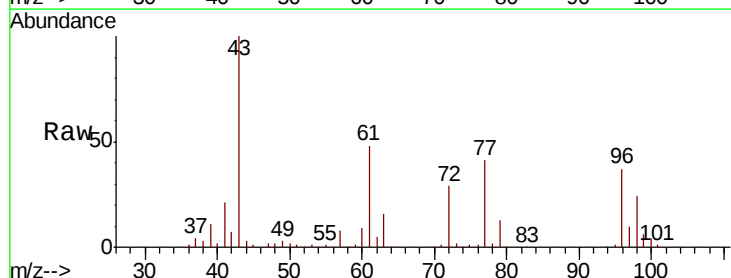
#25
2-Butanone
Concen: 217.313 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

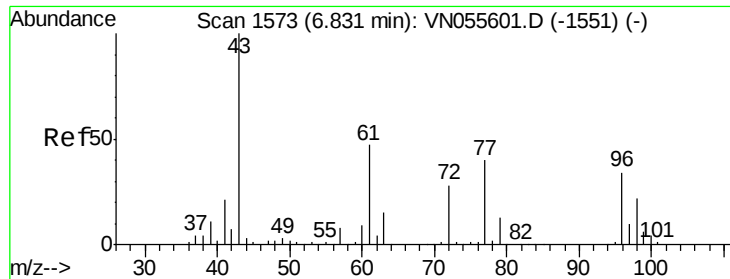
Tot Ion: 43 Resp: 474878
Ion Ratio Lower Upper
43 100
72 29.3 22.3 33.5



#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





#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

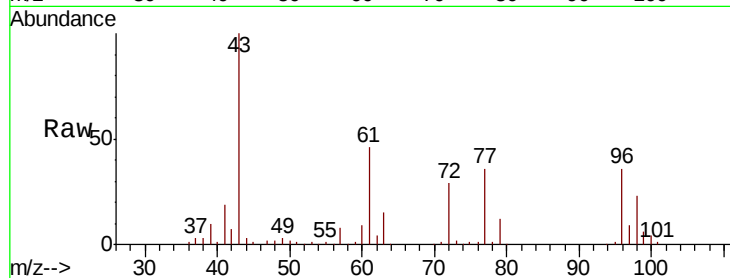
Tot Ion: 96 Resp: 171478

Ion Ratio Lower Upper

96 100

61 130.7 0.0 279.0

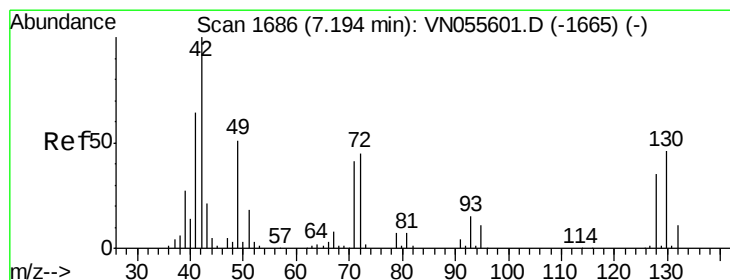
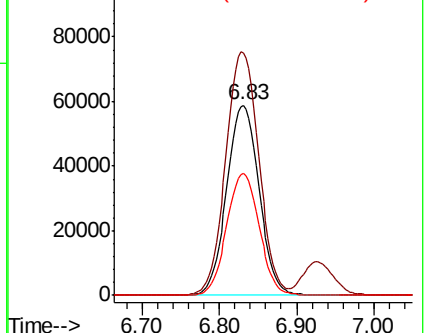
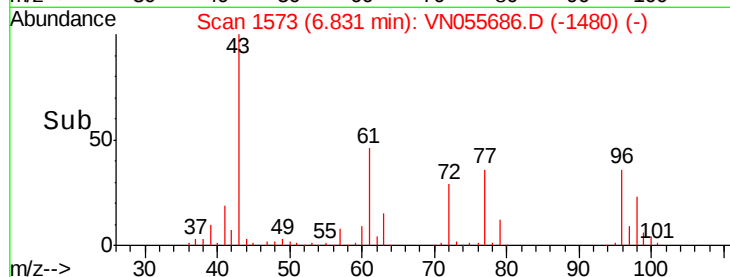
98 64.5 0.0 131.6



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

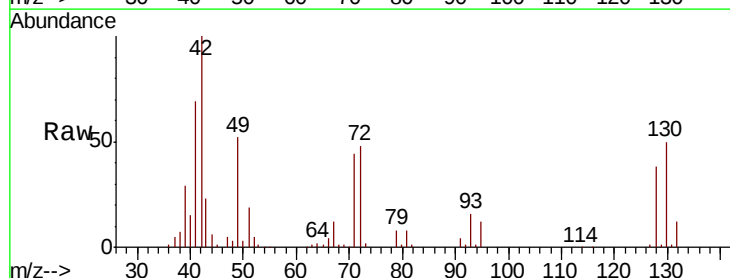
Tgt Ion: 49 Resp: 114044

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

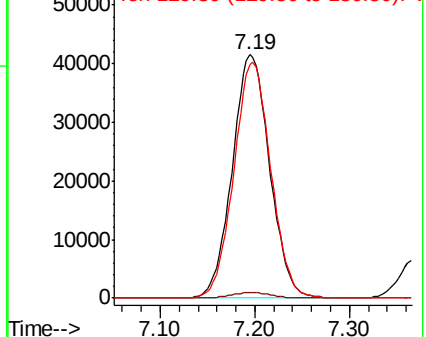
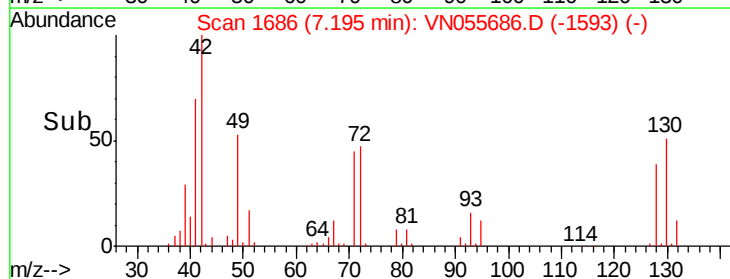
130 95.7 71.0 106.6

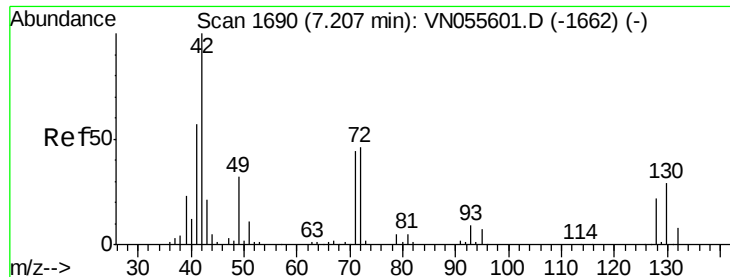


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

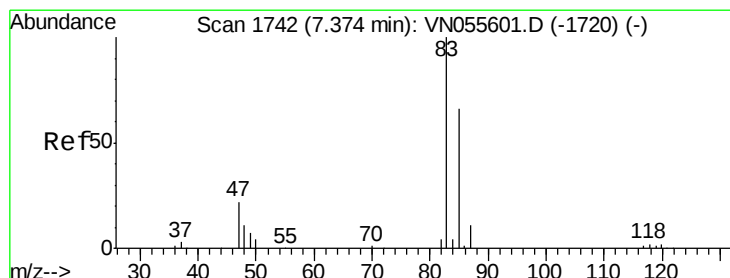
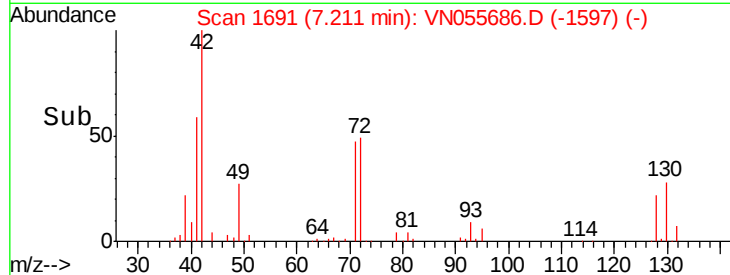
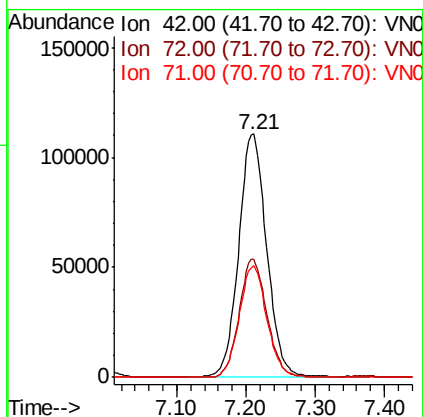
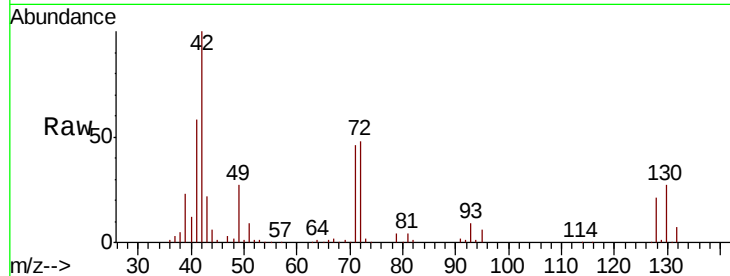
Ion 129.80 (129.50 to 130.50): V





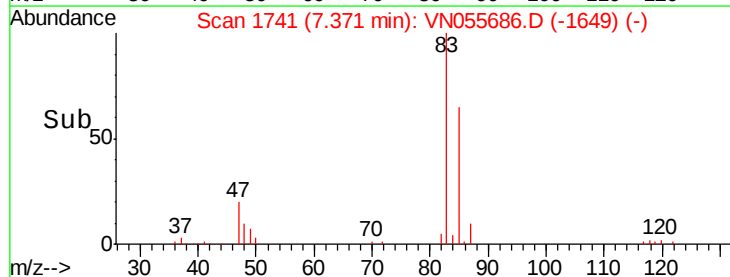
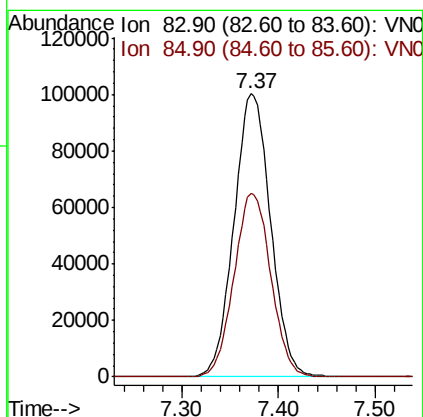
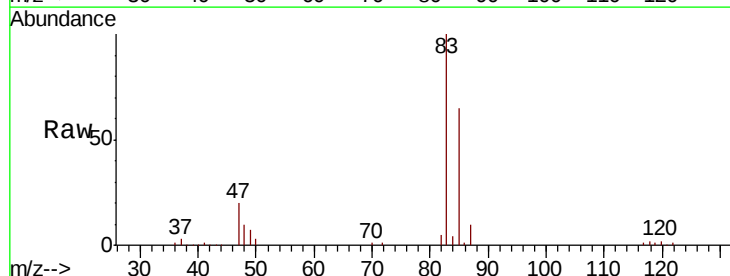
#29
Tetrahydrofuran
Concen: 215.710 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

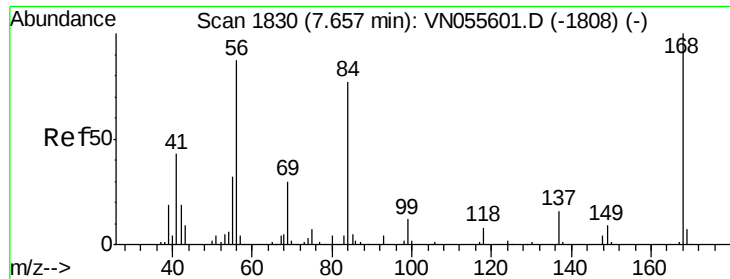
Tot Ion: 42 Resp: 312290
Ion Ratio Lower Upper
42 100
72 47.8 36.5 54.7
71 45.4 34.9 52.3



#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

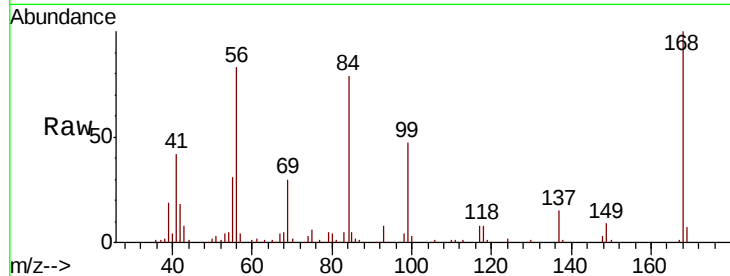
Tgt Ion: 83 Resp: 263875
Ion Ratio Lower Upper
83 100
85 64.8 52.6 78.8



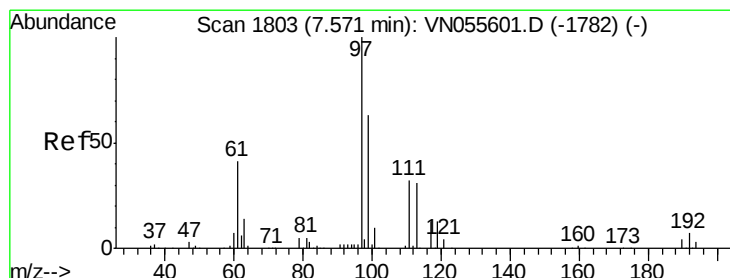
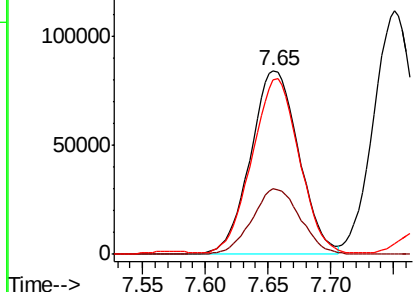
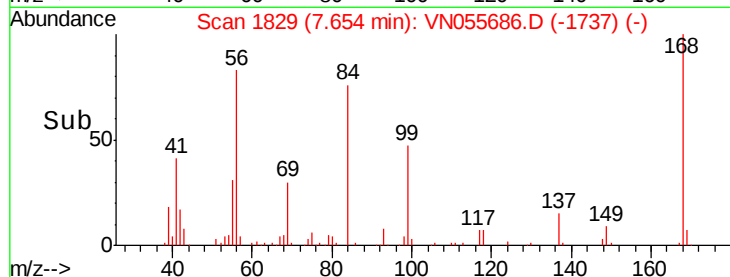


#31
Cyclohexane
Concen: 39.687 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

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

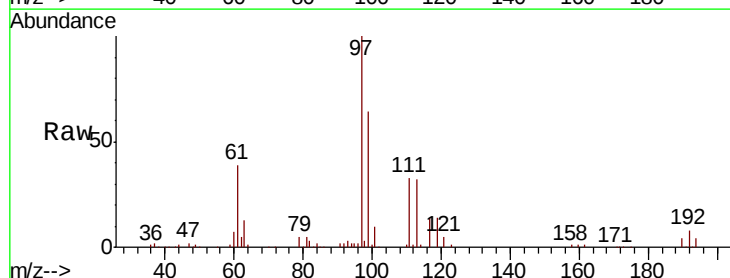


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

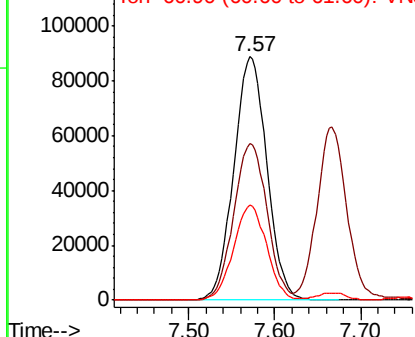
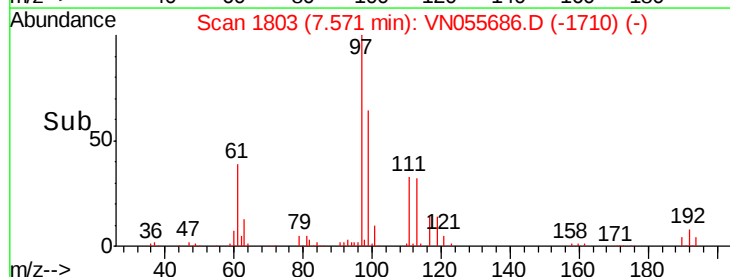


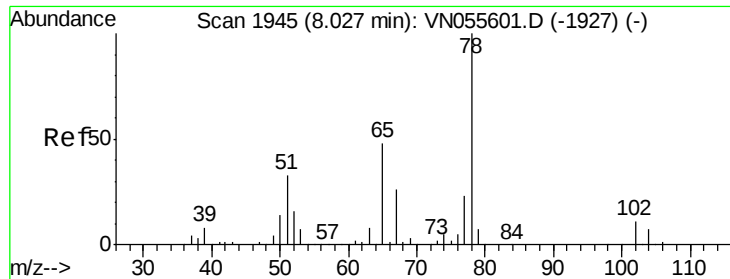
#32
1,1,1-Trichloroethane
Concen: 43.074 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

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): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 44.616 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055686.D

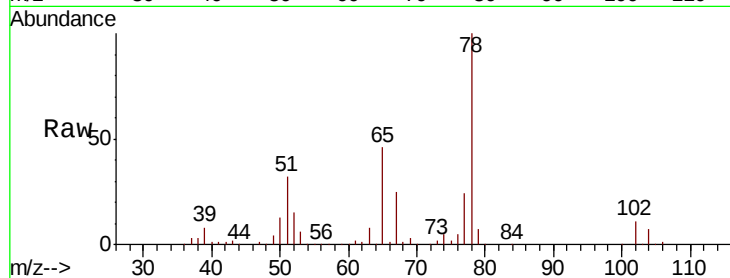
Acq: 20 May 2019 20:06

Tot Ion: 65 Resp: 170863

Ion Ratio Lower Upper

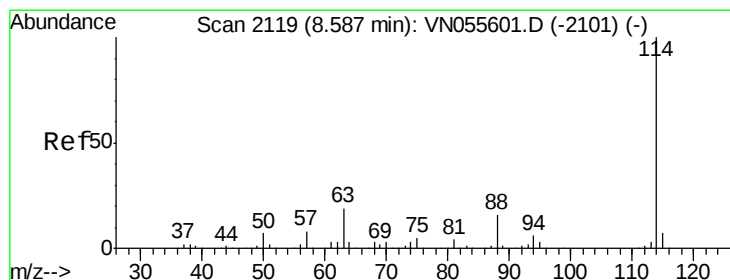
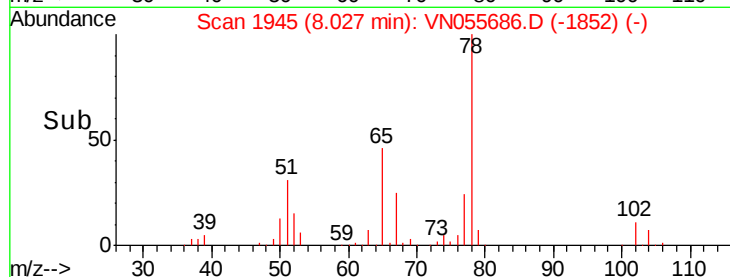
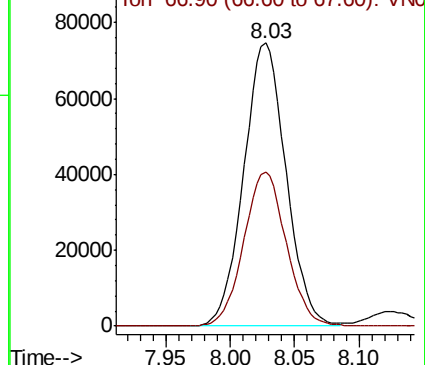
65 100

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) (-)



#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

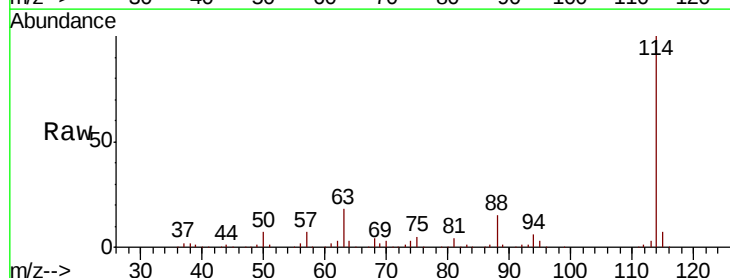
Tgt Ion: 114 Resp: 512146

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.2

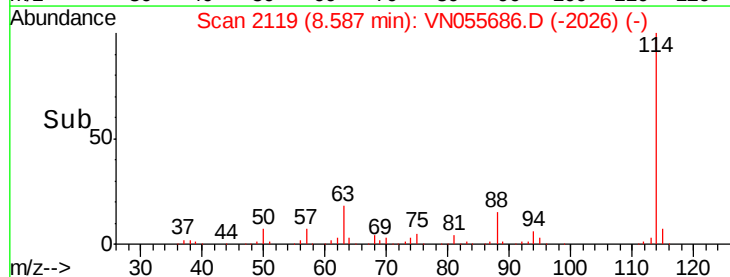
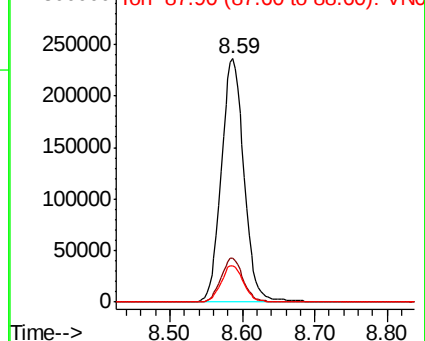
88 15.1 0.0 31.0

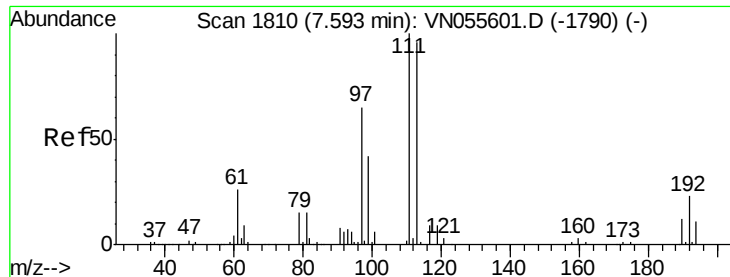


Abundance Ion 113.90 (113.60 to 114.60): VN055686.D (-2026) (-)

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

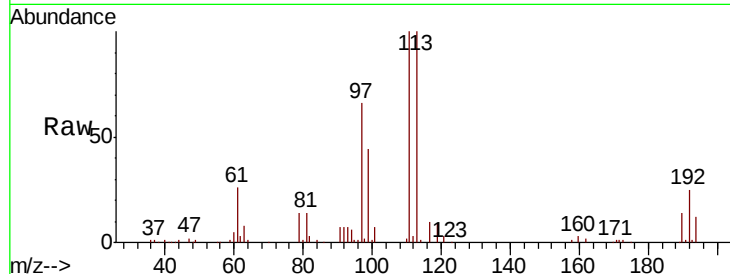
Ion 87.90 (87.60 to 88.60): VN055686.D (-2026) (-)



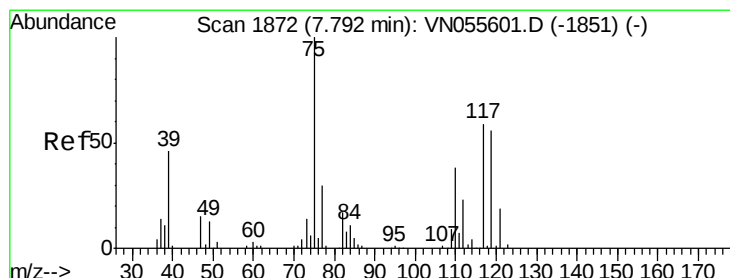
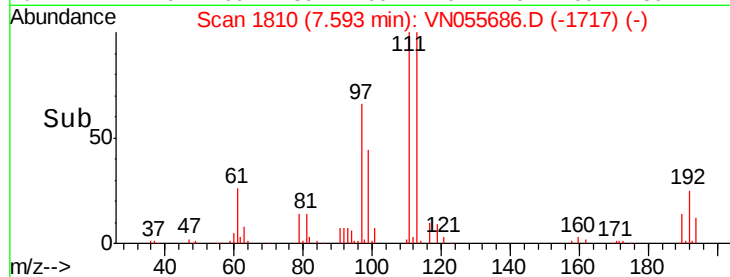
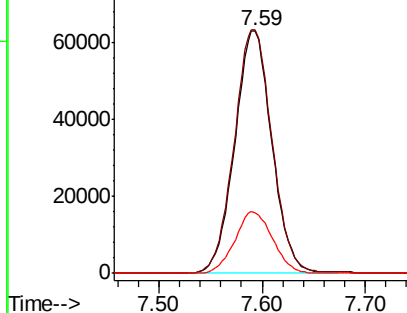


#35
 Dibromofluoromethane
 Concen: 48.376 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

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

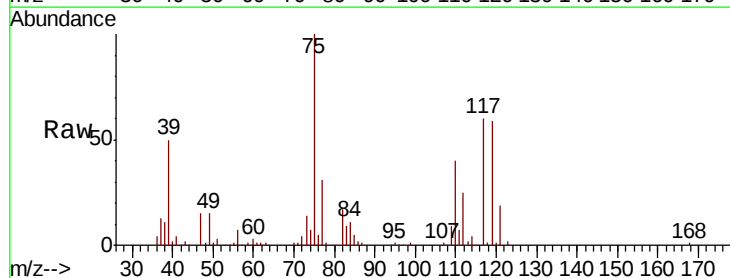


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

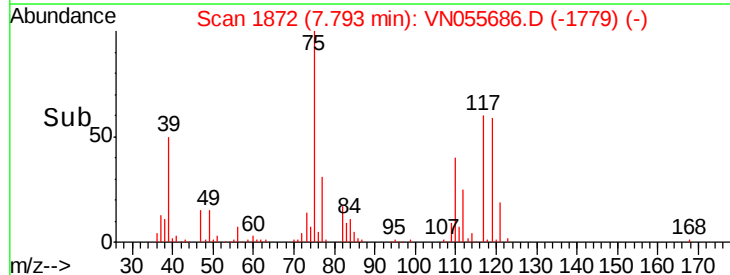
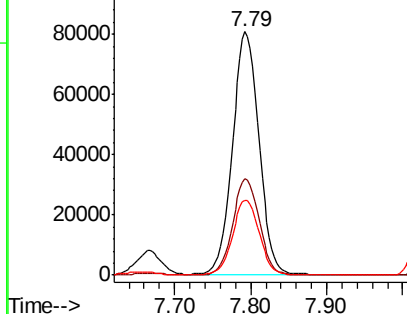


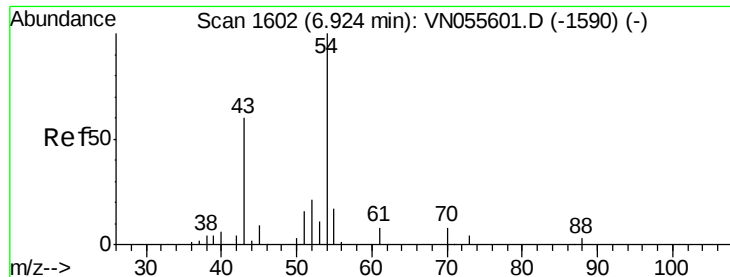
#36
 1,1-Dichloropropene
 Concen: 42.974 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

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



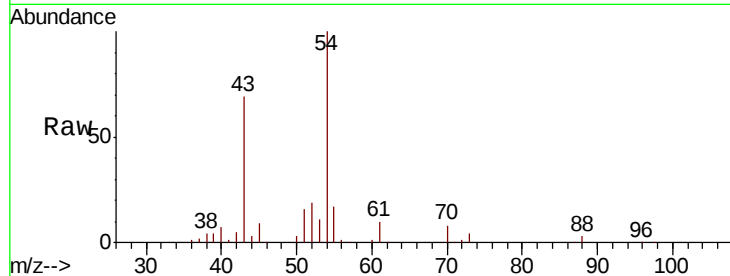
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V



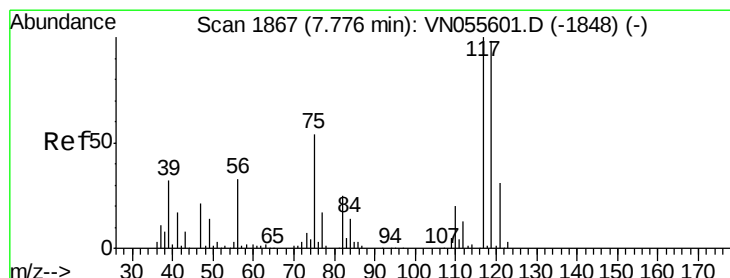
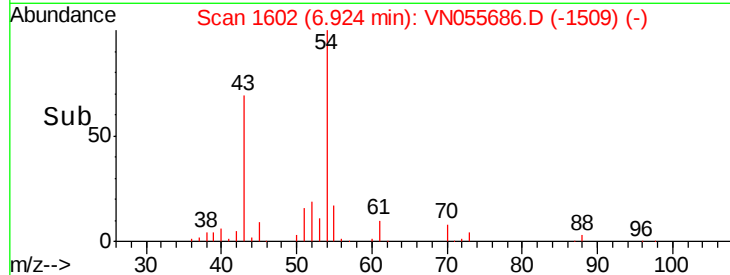
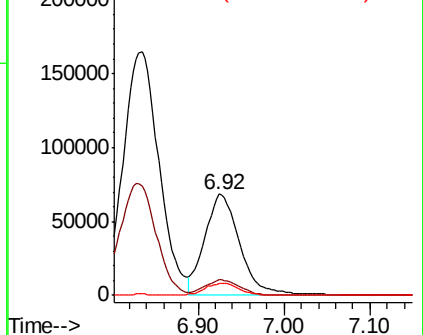


#37
Ethyl Acetate
Concen: 46.656 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

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

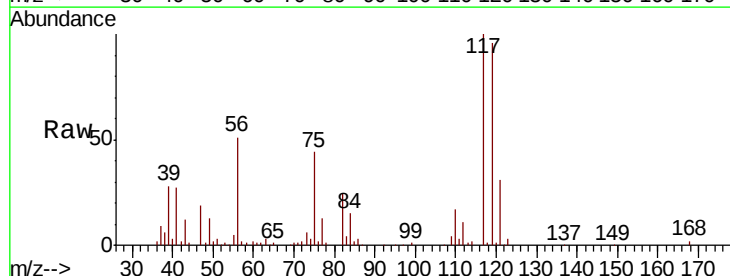


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

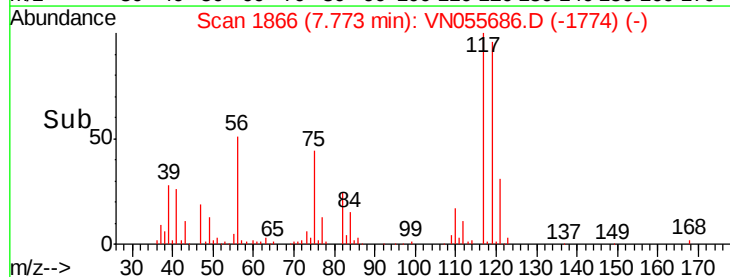
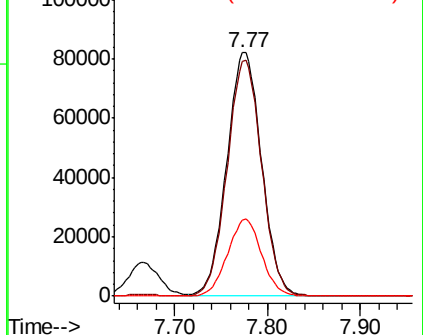


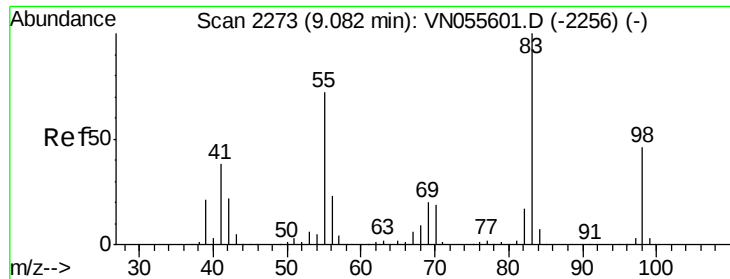
#38
Carbon Tetrachloride
Concen: 43.824 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

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

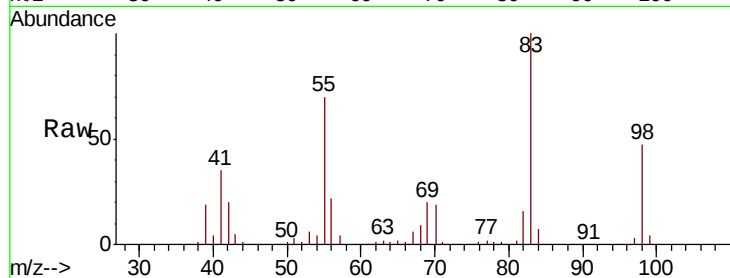
Tot Ion: 83 Resp: 245499

Ion Ratio Lower Upper

83 100

55 70.4 57.8 86.6

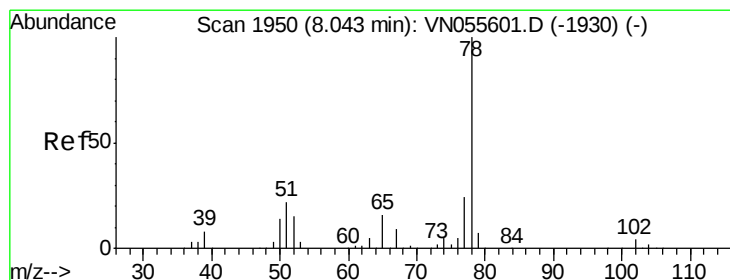
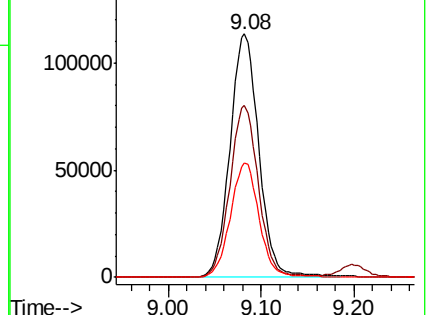
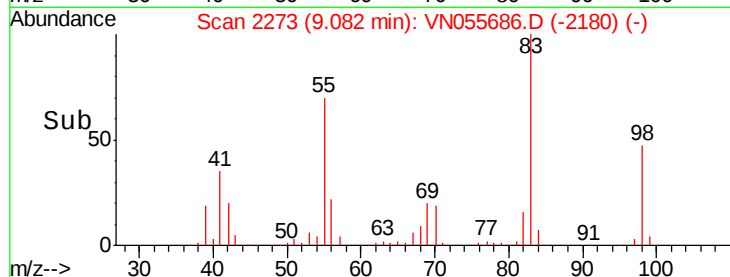
98 47.0 36.7 55.1



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

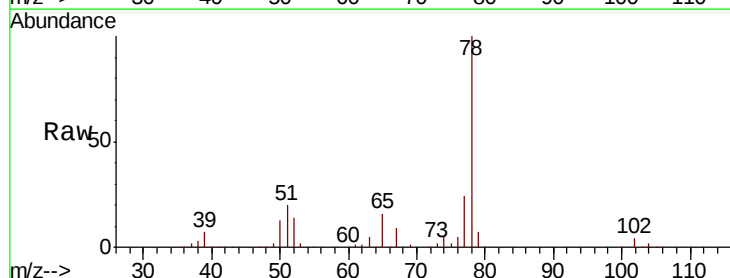
Acq: 20 May 2019 20:06

Tgt Ion: 78 Resp: 616552

Ion Ratio Lower Upper

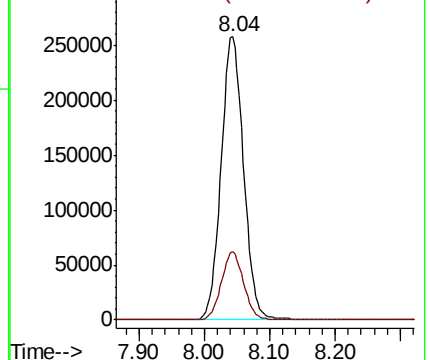
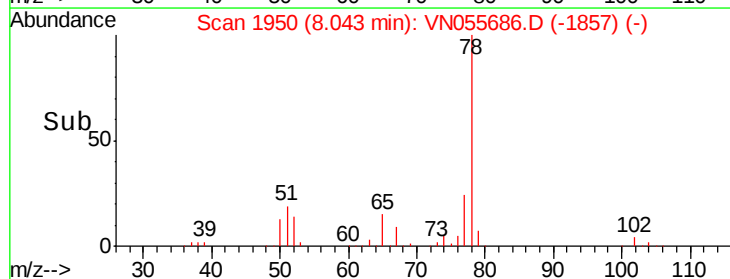
78 100

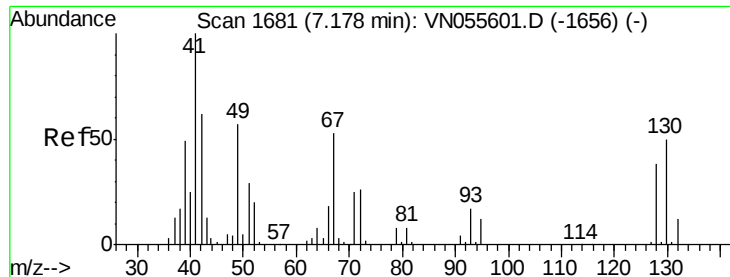
77 24.0 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0

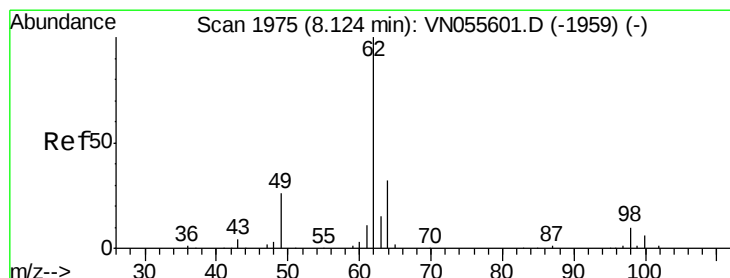
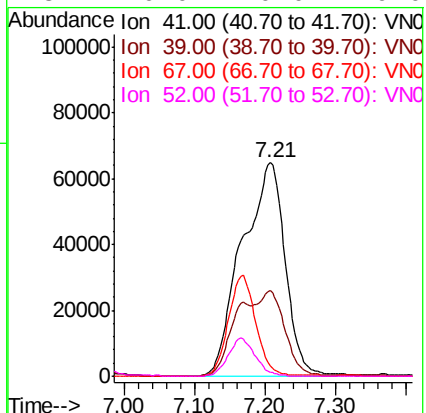
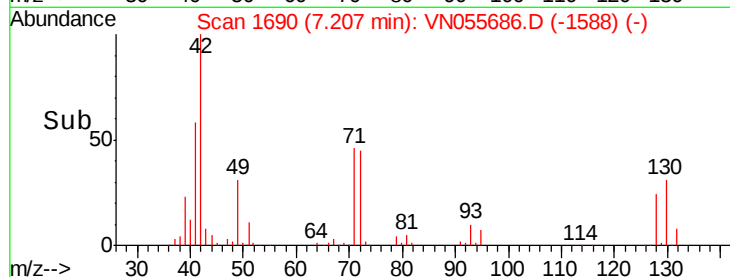
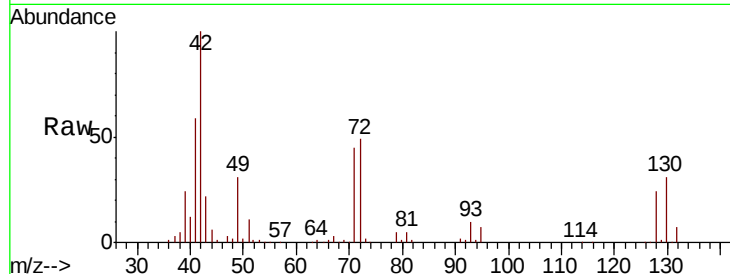
Ion 77.00 (76.70 to 77.70): VN0





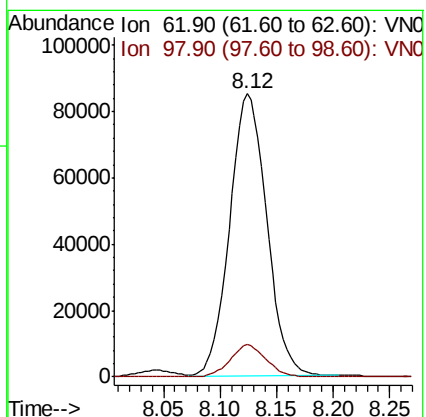
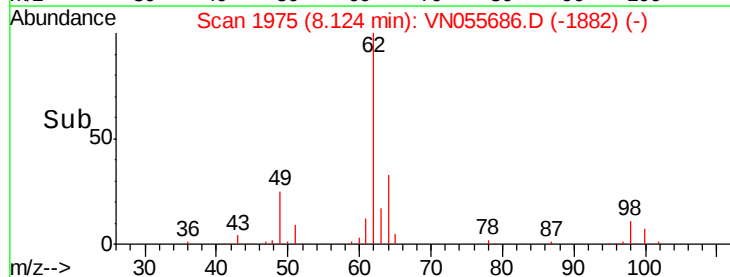
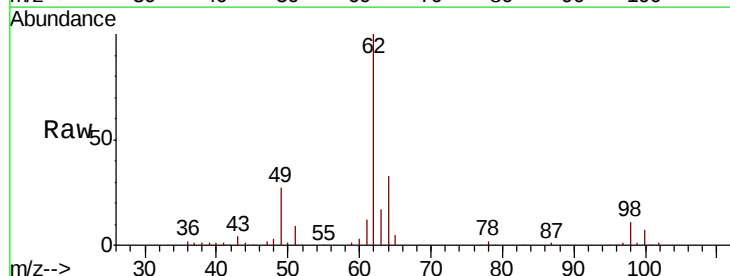
#41
Methacrylonitrile
Concen: 157.045 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.03 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

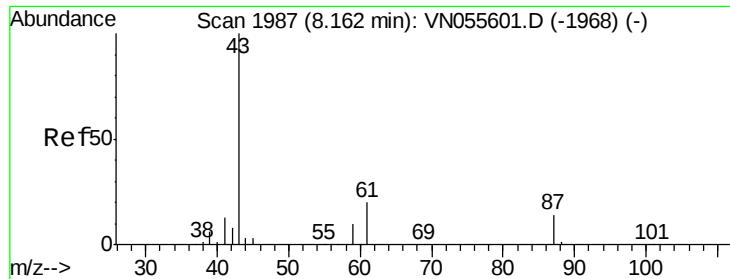
Tot Ion:	41	Resp:	276650
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 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

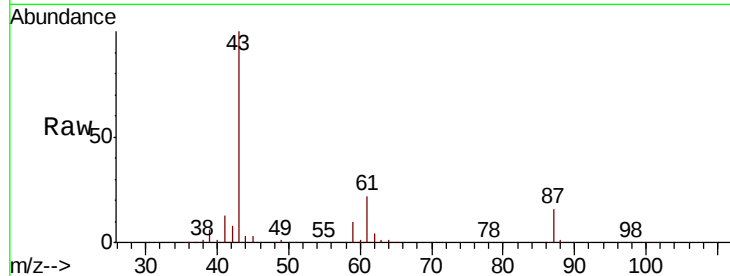
Tot Ion: 43 Resp: 353809

Ion Ratio Lower Upper

43 100

61 25.9 22.1 33.1

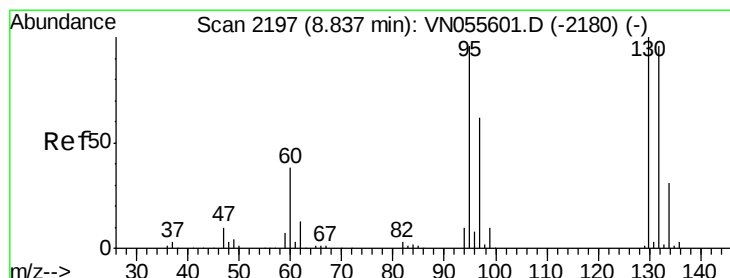
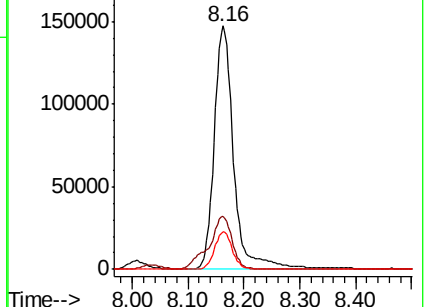
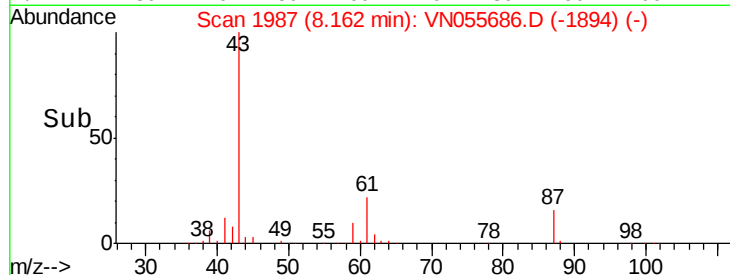
87 14.3 11.8 17.6



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

Ion 61.00 (60.70 to 61.70): VN055686.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): 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

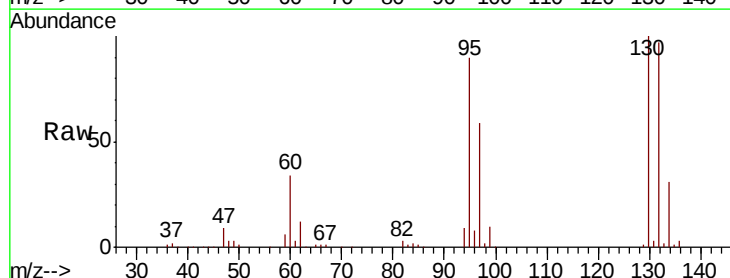
Acq: 20 May 2019 20:06

Tgt Ion:130 Resp: 184094

Ion Ratio Lower Upper

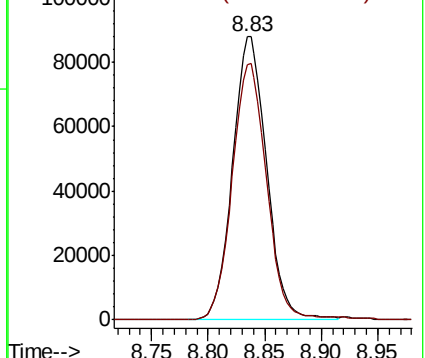
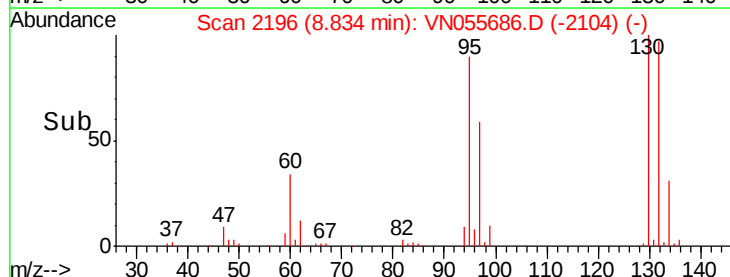
130 100

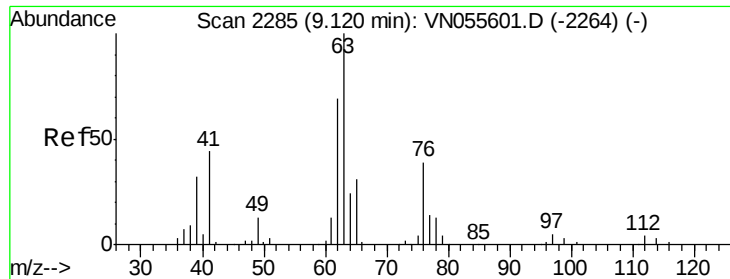
95 90.2 0.0 191.0



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

Ion 94.90 (94.60 to 95.60): 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

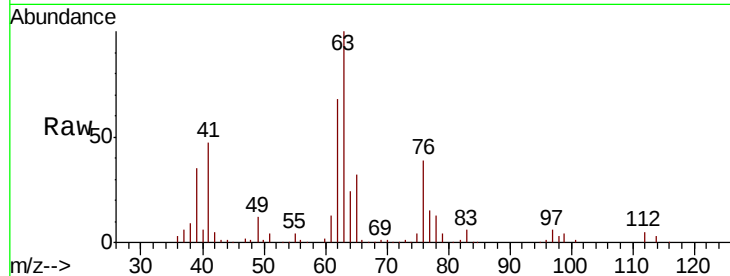
Acq: 20 May 2019 20:06

Tot Ion: 63 Resp: 161172

Ion Ratio Lower Upper

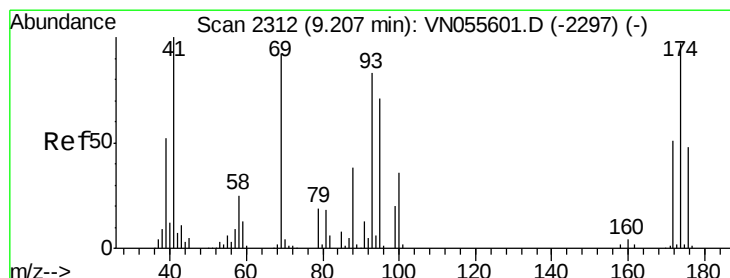
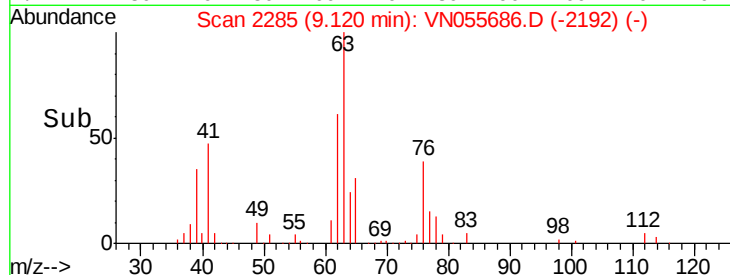
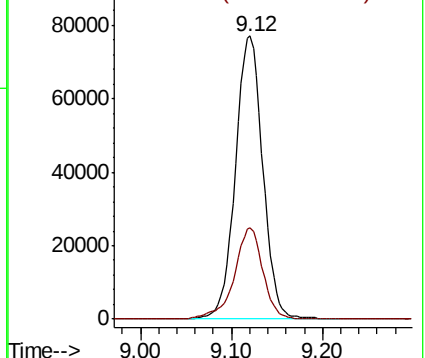
63 100

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

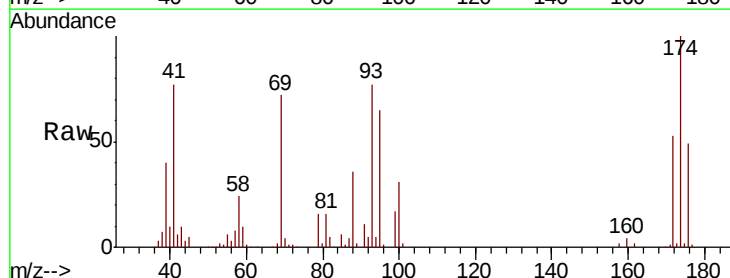
Tgt Ion: 93 Resp: 111537

Ion Ratio Lower Upper

93 100

95 84.3 67.9 101.9

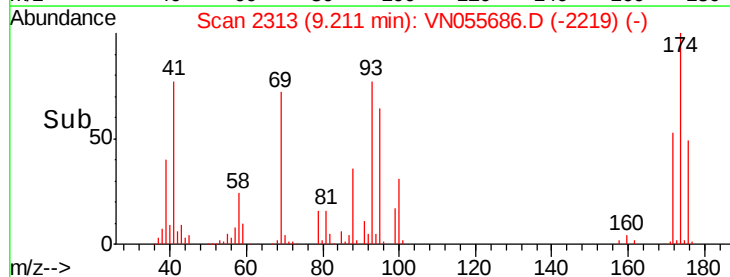
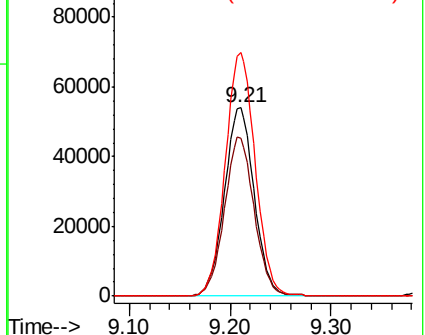
174 129.6 93.8 140.6

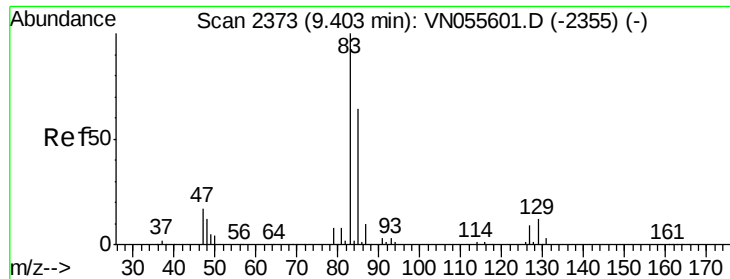


Abundance Ion 92.80 (92.50 to 93.50): VN0

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

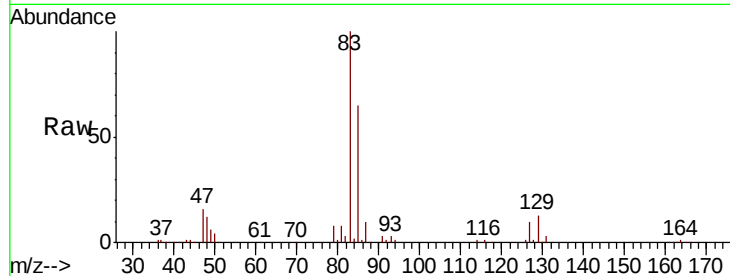
Tot Ion: 83 Resp: 222075

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.0

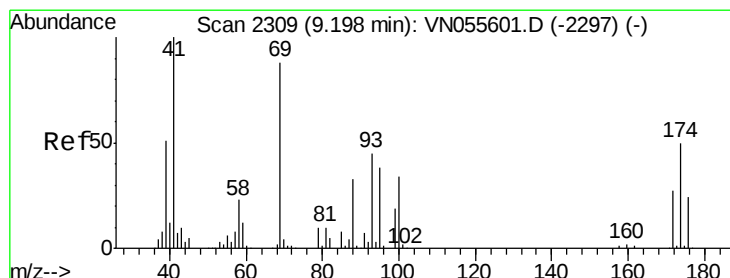
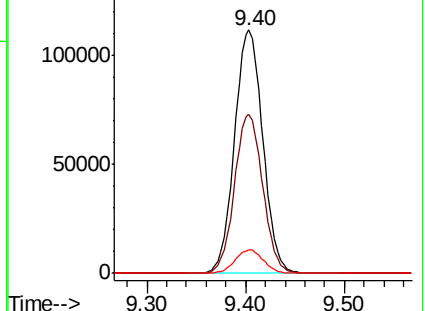
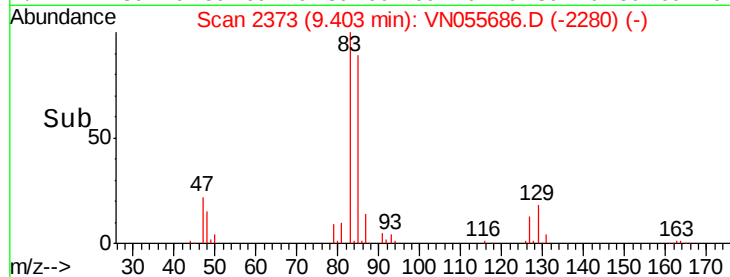
127 9.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#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

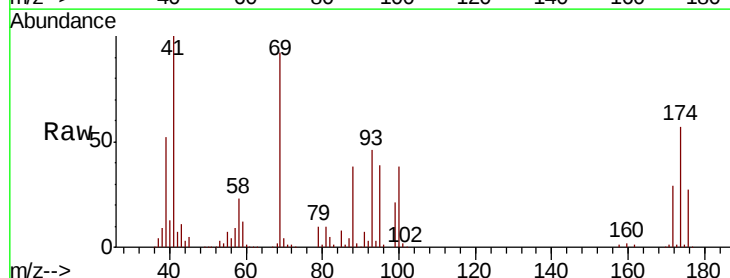
Tgt Ion: 41 Resp: 151780

Ion Ratio Lower Upper

41 100

69 97.7 74.2 111.2

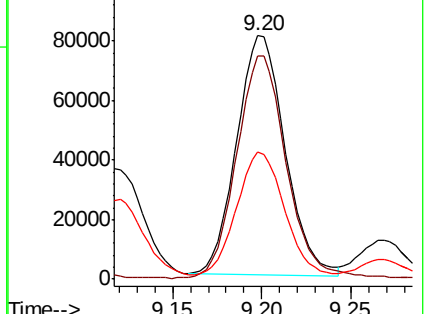
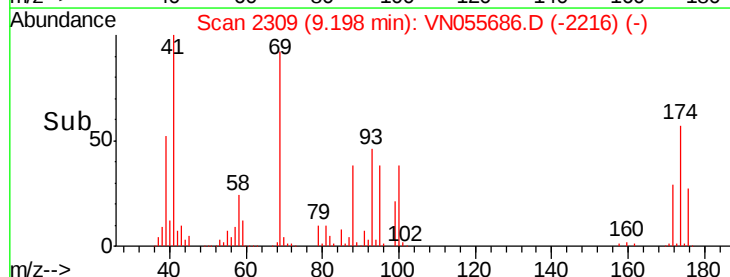
39 54.1 43.8 65.8

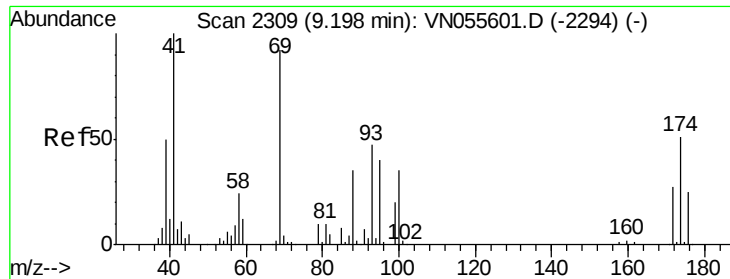


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#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

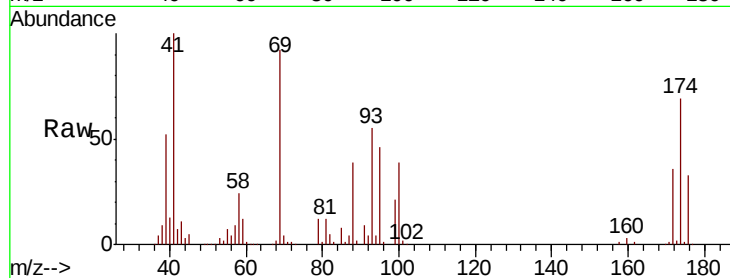
Tot Ion: 88 Resp: 72202

Ion Ratio Lower Upper

88 100

43 25.2 22.4 33.6

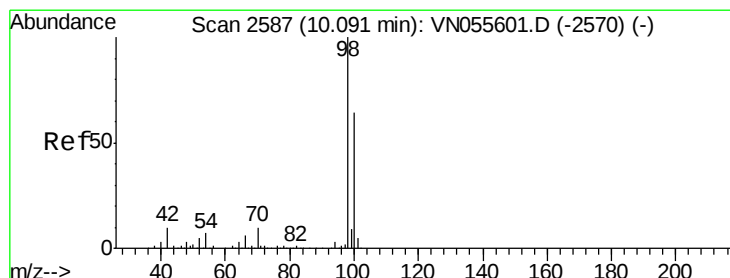
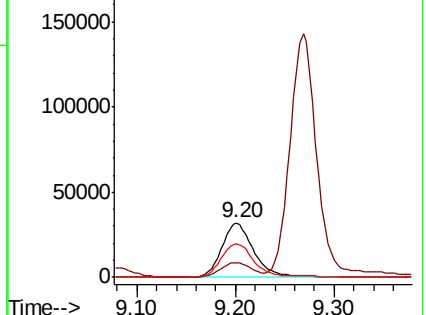
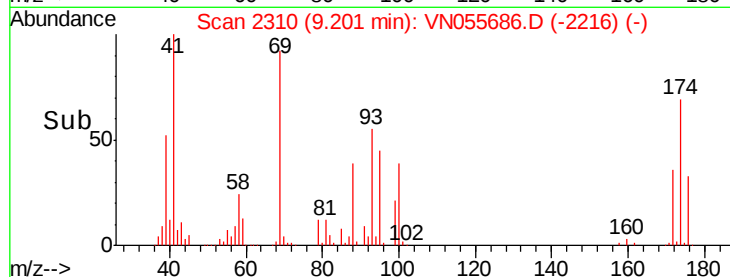
58 63.6 53.4 80.2



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

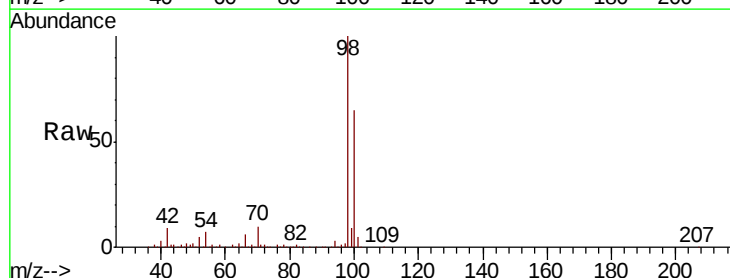
Acq: 20 May 2019 20:06

Tgt Ion: 98 Resp: 613886

Ion Ratio Lower Upper

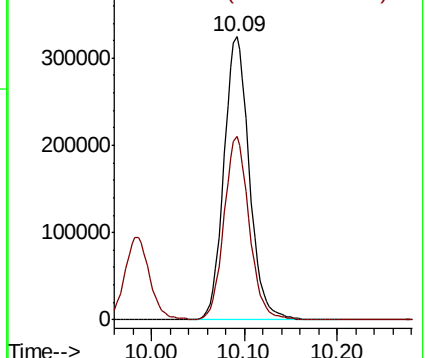
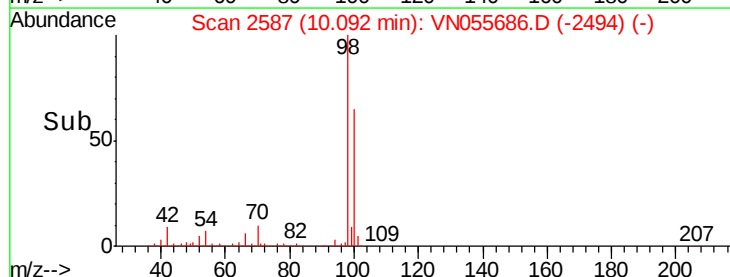
98 100

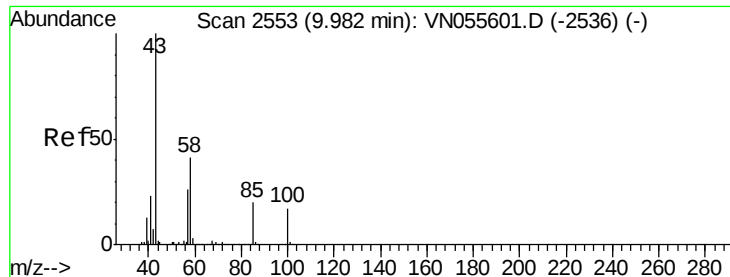
100 64.7 51.9 77.9



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

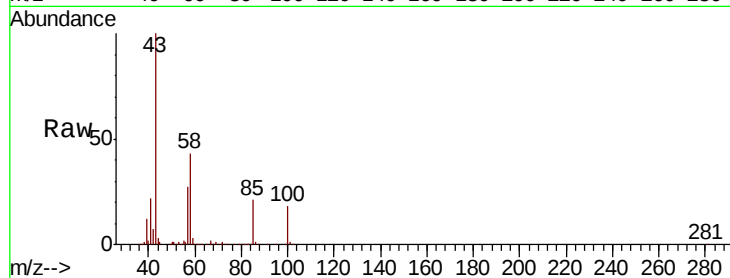
Acq: 20 May 2019 20:06

Tot Ion: 43 Resp: 981037

Ion Ratio Lower Upper

43 100

58 42.2 32.7 49.1



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

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

9.98

500000

400000

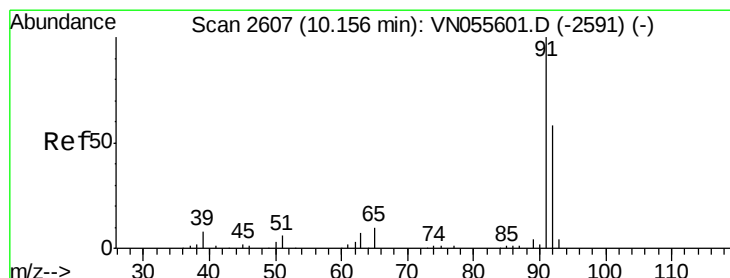
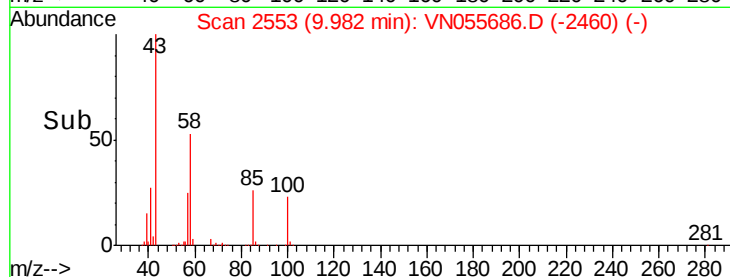
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.253 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055686.D

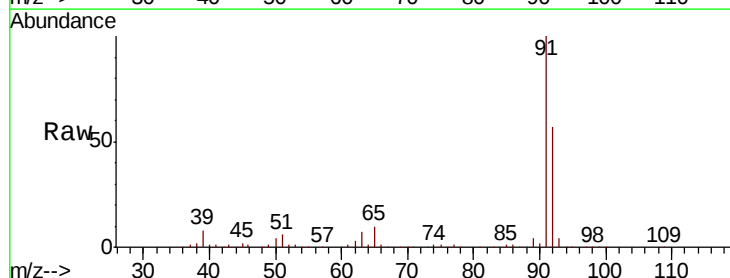
Acq: 20 May 2019 20:06

Tgt Ion: 92 Resp: 406468

Ion Ratio Lower Upper

92 100

91 174.1 138.9 208.3



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

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

10.16

400000

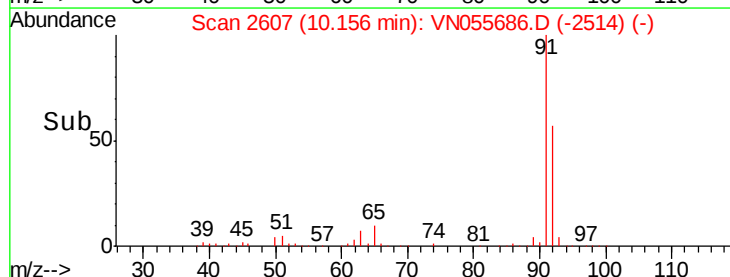
300000

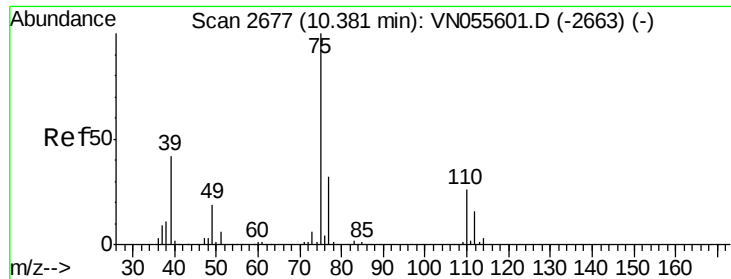
200000

100000

0

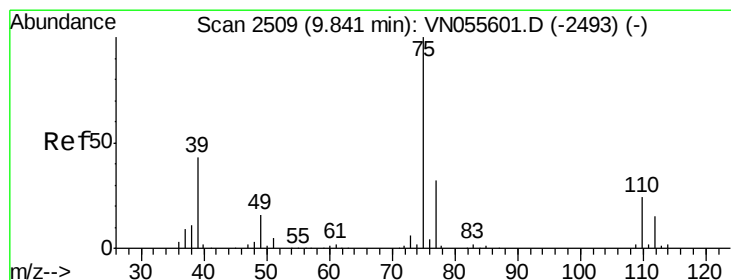
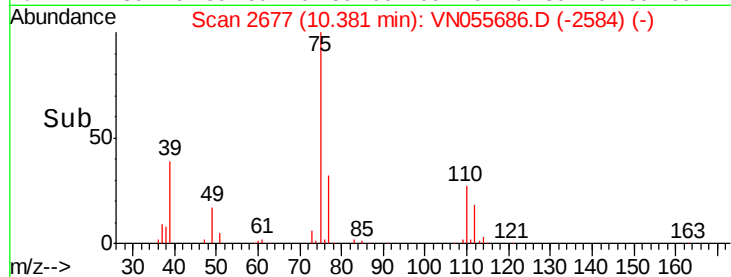
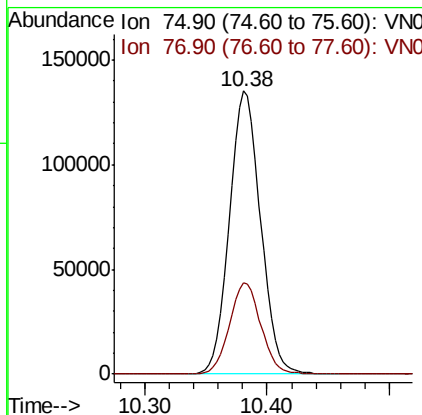
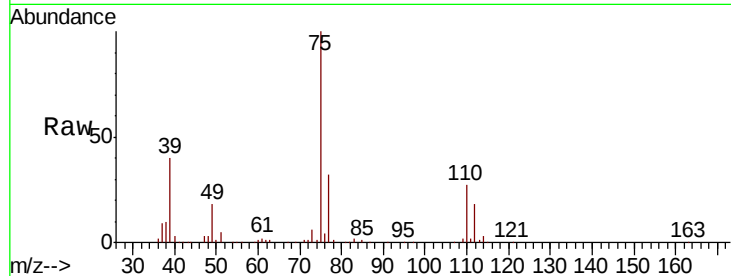
Time-->





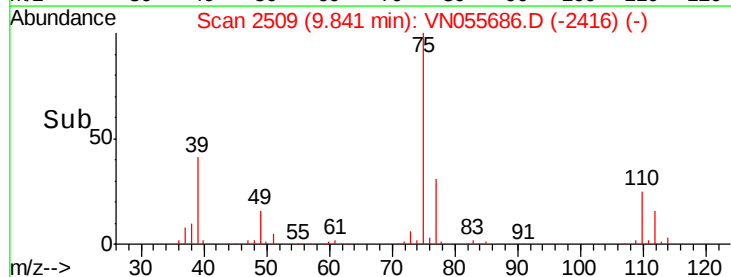
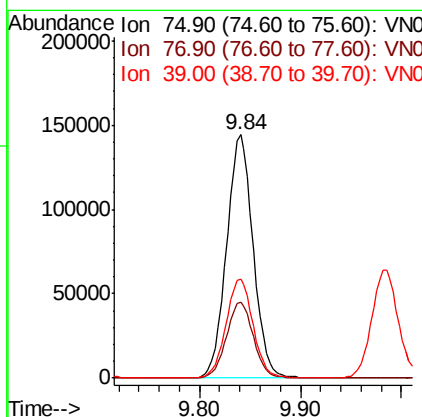
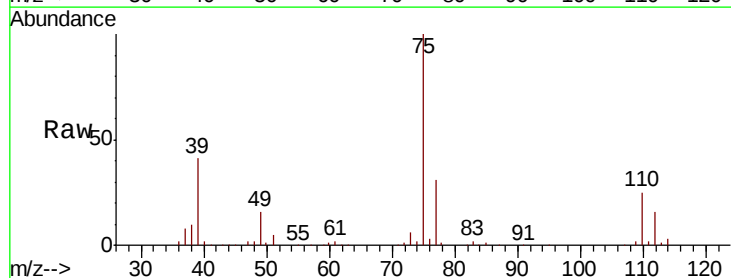
#53
 t-1,3-Dichloropropene
 Concen: 46.049 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

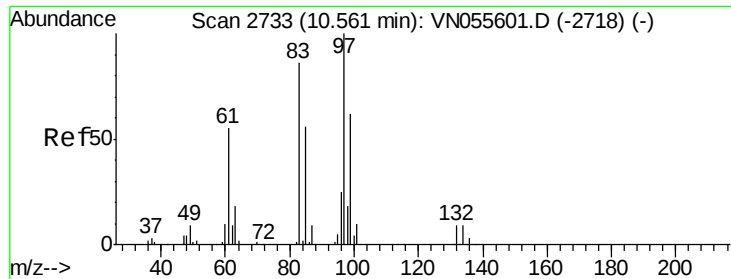
Tot Ion: 75 Resp: 240540
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#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

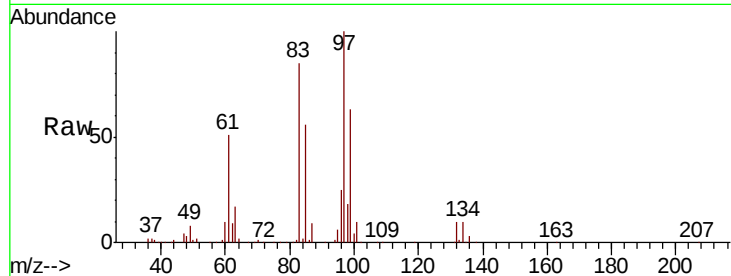
Tgt Ion: 75 Resp: 265229
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 40.8 34.7 52.1



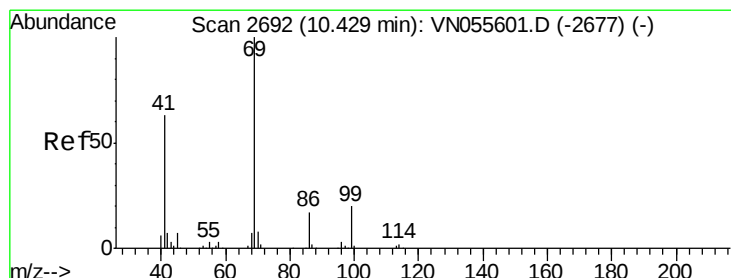
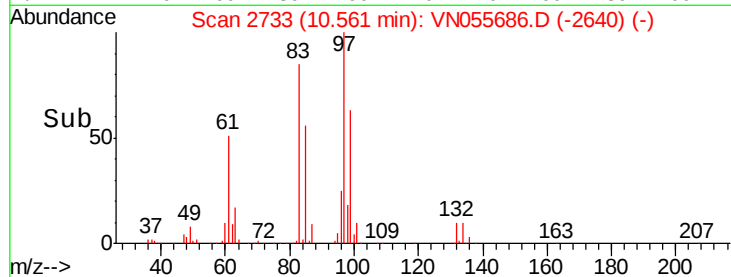
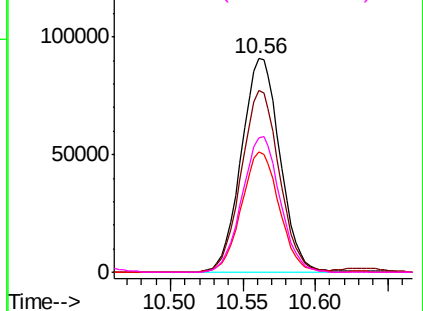


#55
 1,1,2-Trichloroethane
 Concen: 48.597 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

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

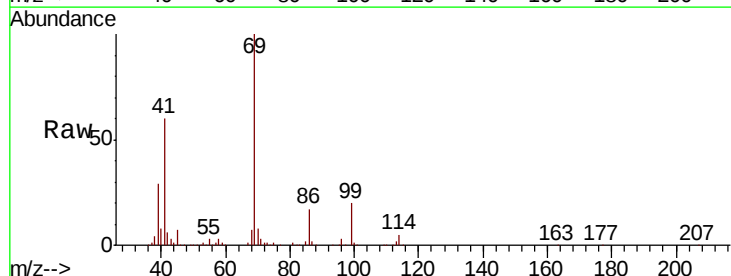


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

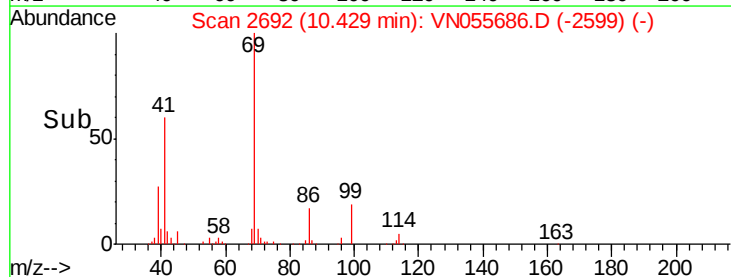
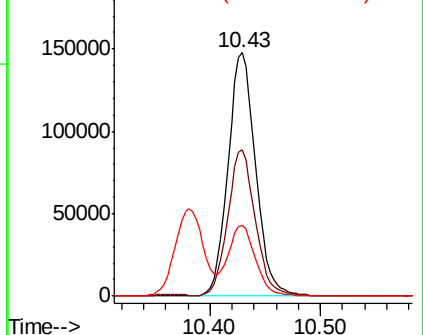


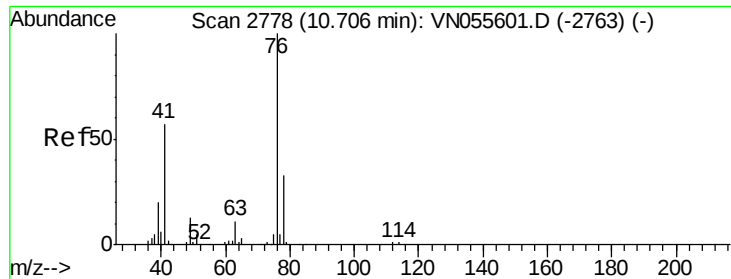
#56
 Ethyl methacrylate
 Concen: 47.122 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

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



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





#57

1,3-Dichloropropane

Concen: 47.849 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055686.D

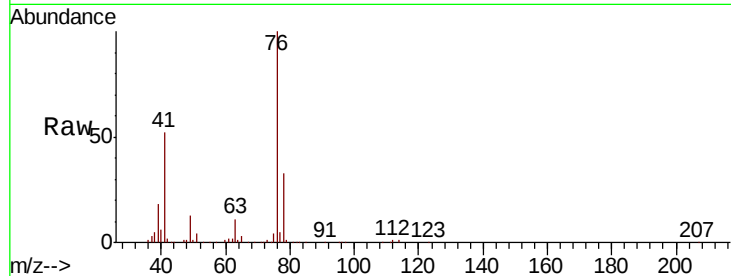
Acq: 20 May 2019 20:06

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

10.71

150000

100000

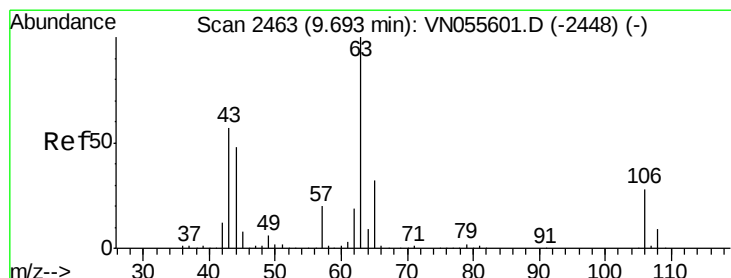
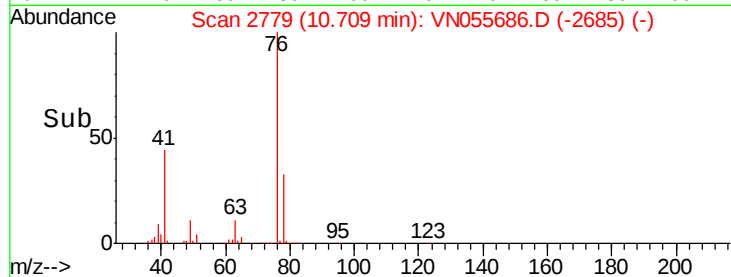
50000

0

Time--> 10.60

10.70

10.80



#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

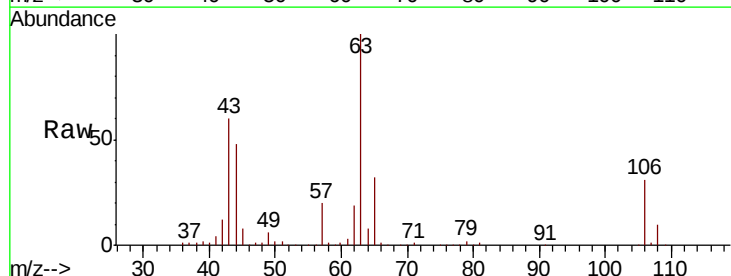
Acq: 20 May 2019 20:06

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

9.70

300000

250000

200000

150000

100000

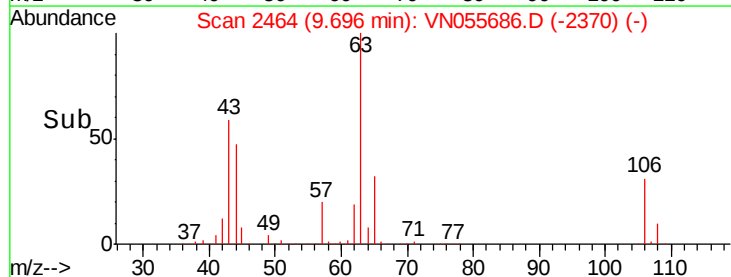
50000

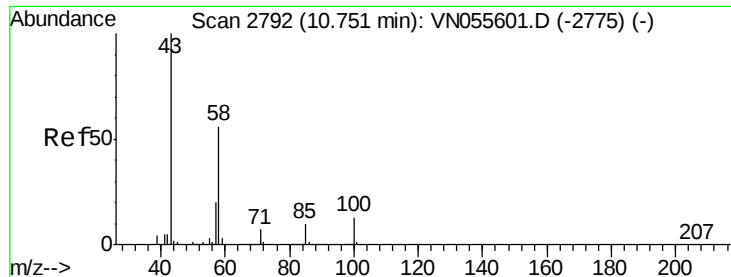
0

Time--> 9.60

9.70

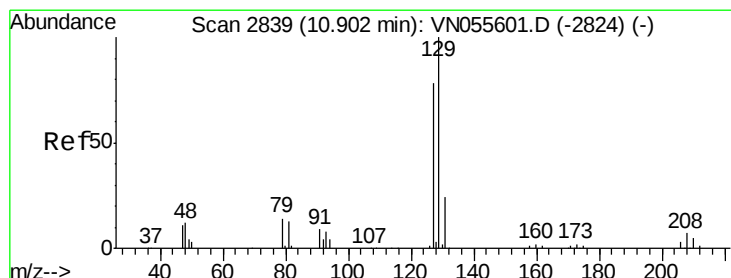
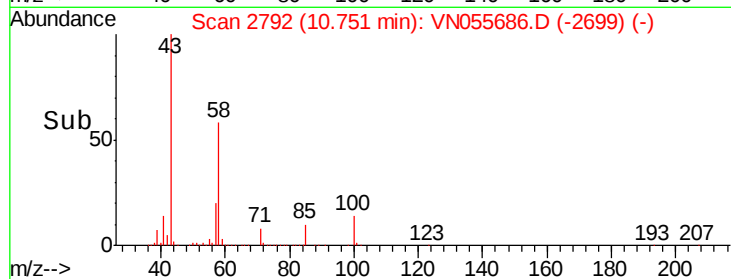
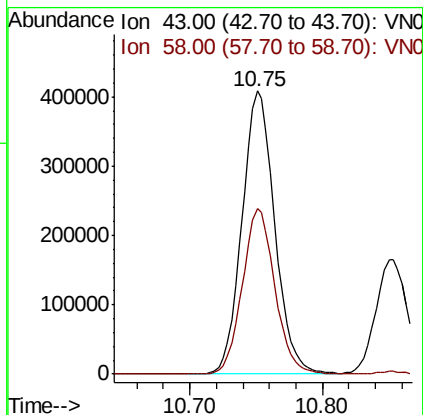
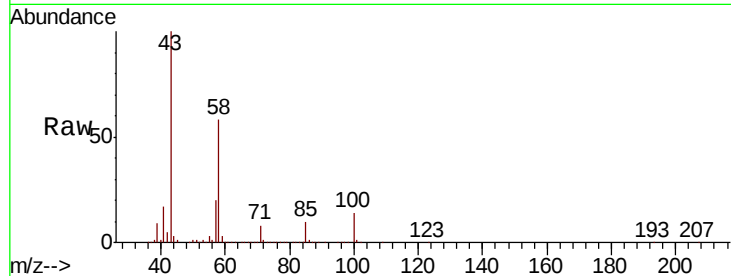
9.80





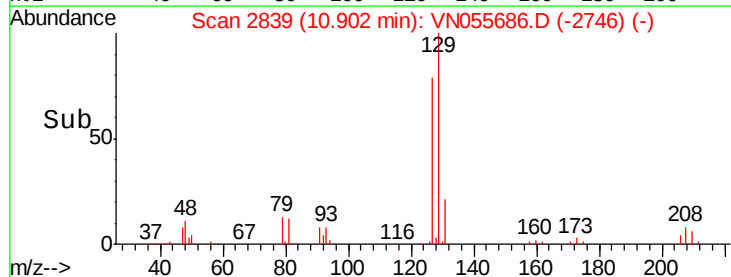
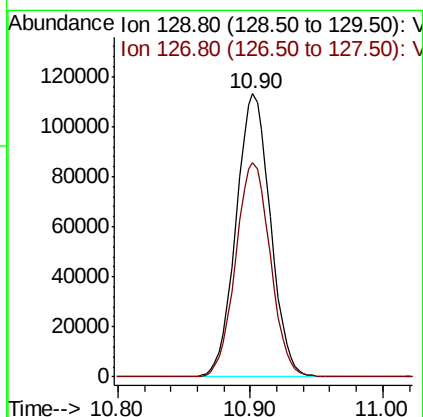
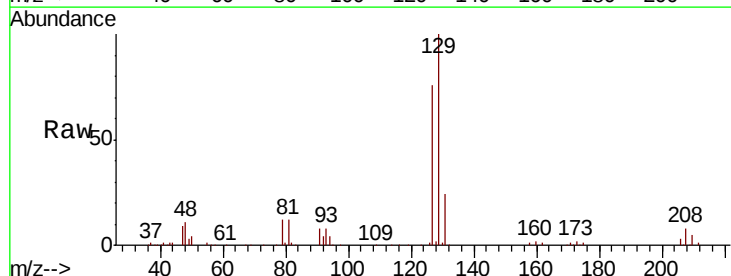
#59
2-Hexanone
Concen: 235.506 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

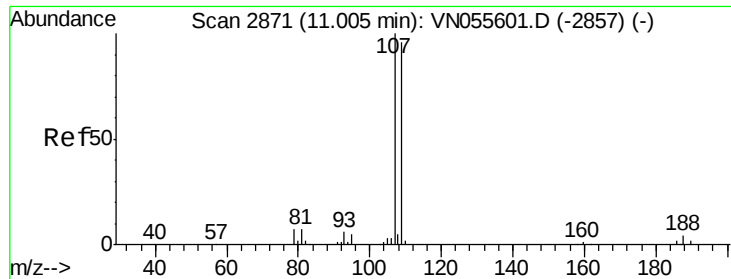
Tot Ion: 43 Resp: 697093
Ion Ratio Lower Upper
43 100
58 58.2 28.1 84.4



#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

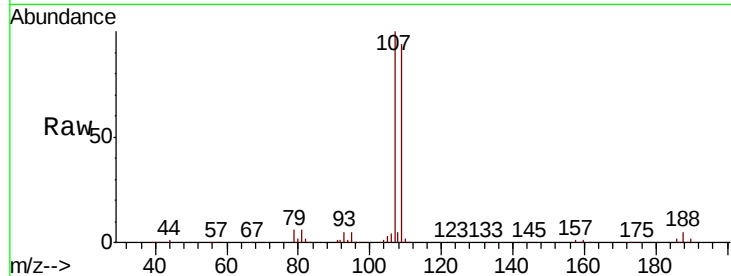
Acq: 20 May 2019 20:06

Tot Ion: 107 Resp: 177324

Ion Ratio Lower Upper

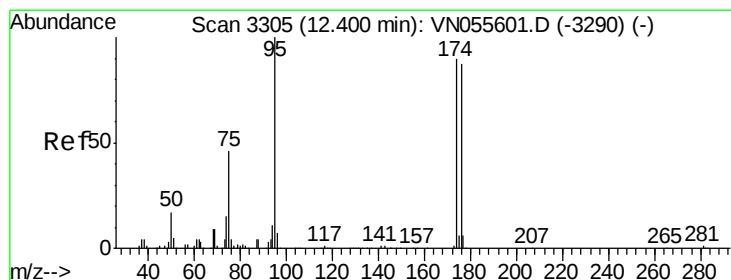
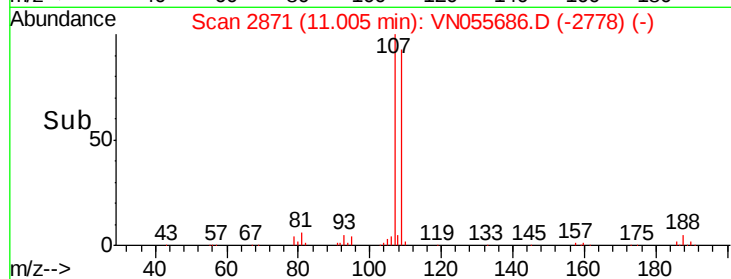
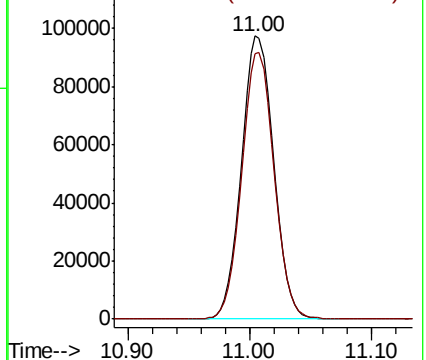
107 100

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

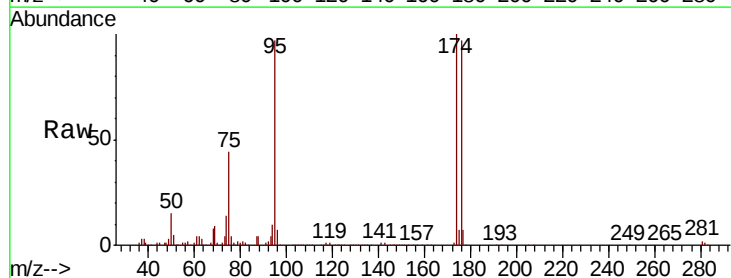
Tgt Ion: 95 Resp: 211760

Ion Ratio Lower Upper

95 100

174 101.8 0.0 180.6

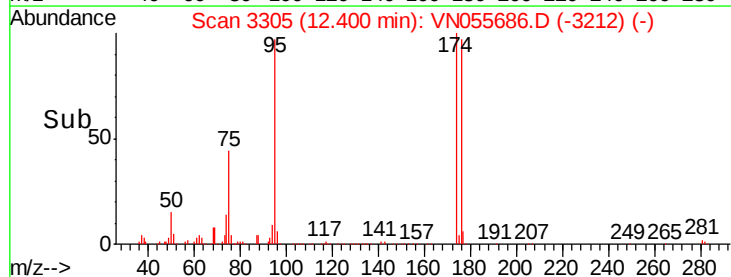
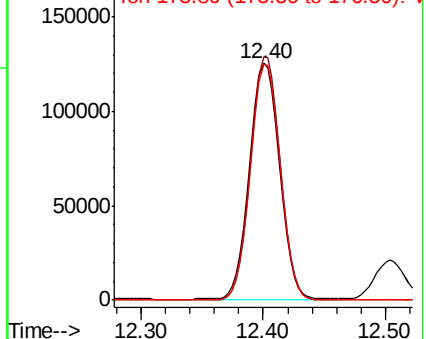
176 99.3 0.0 177.4

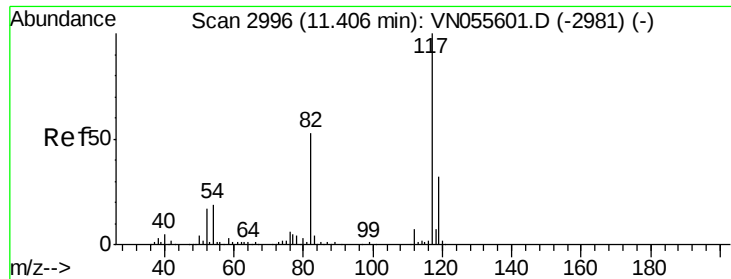


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

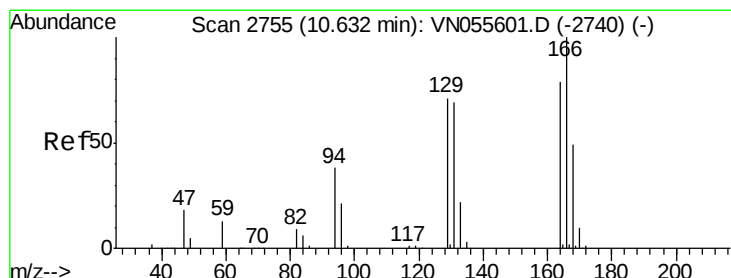
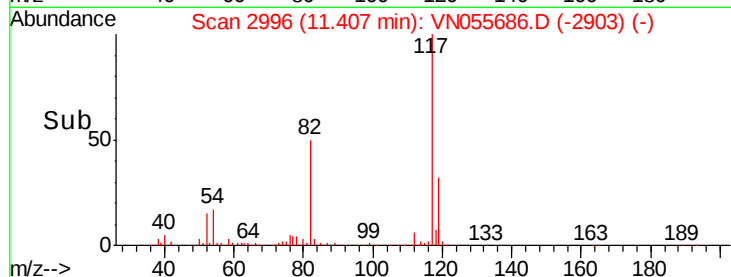
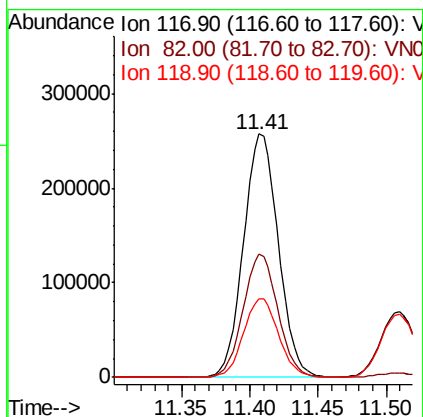
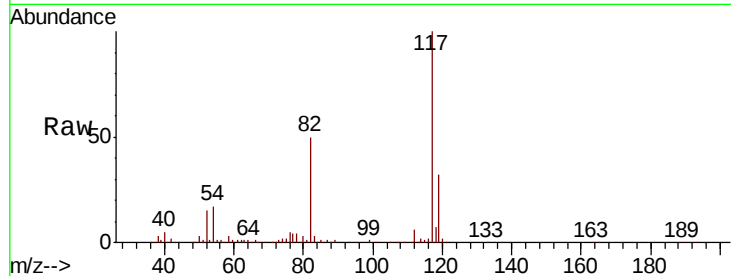
Ion 175.80 (175.50 to 176.50): V





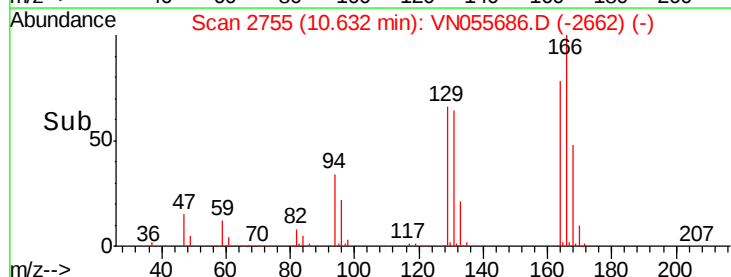
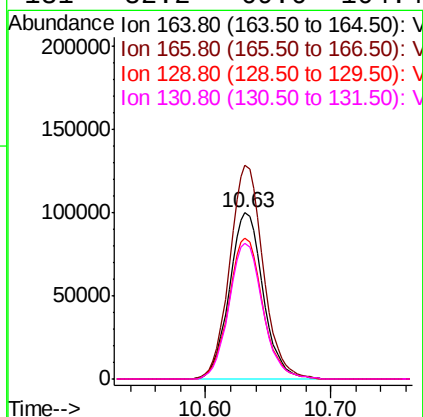
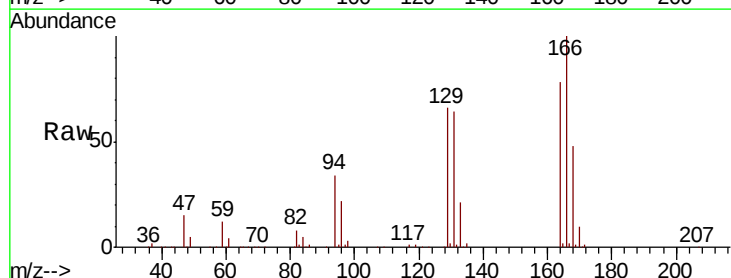
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

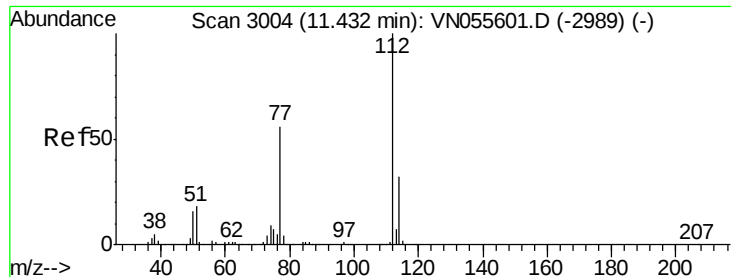
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.3	63.5
119	32.2	25.4	38.2



#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

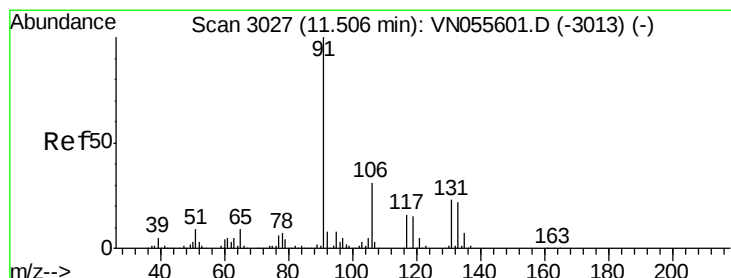
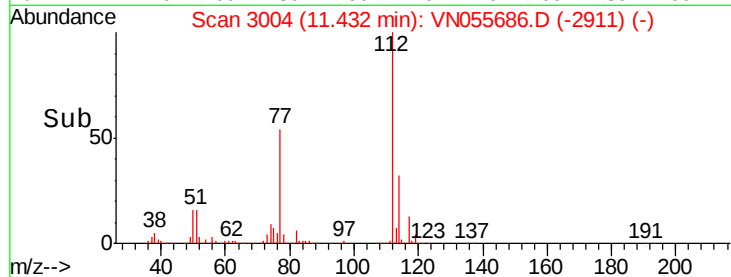
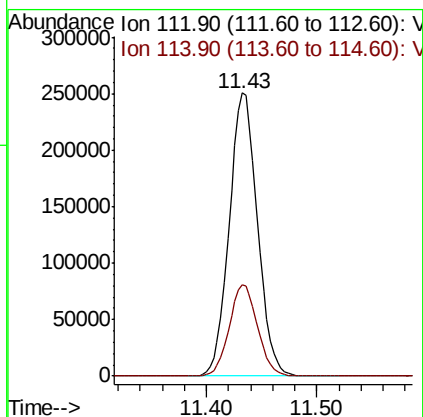
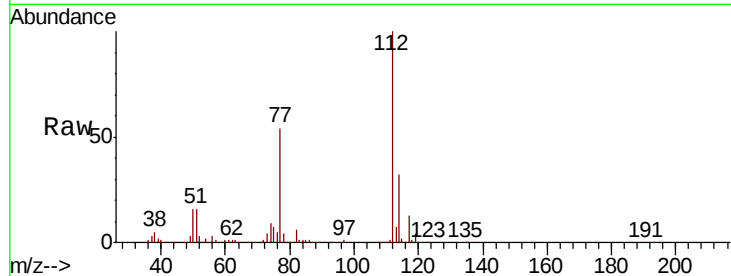
Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	101.0	151.6
129	85.2	71.7	107.5
131	82.2	69.6	104.4





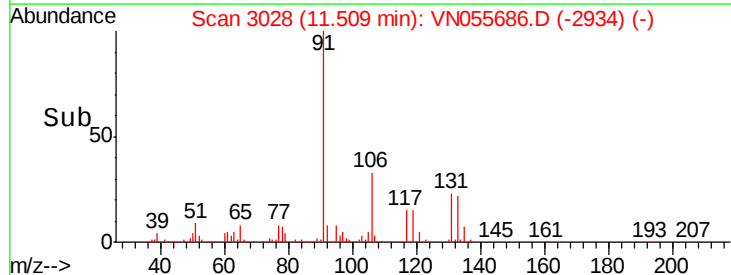
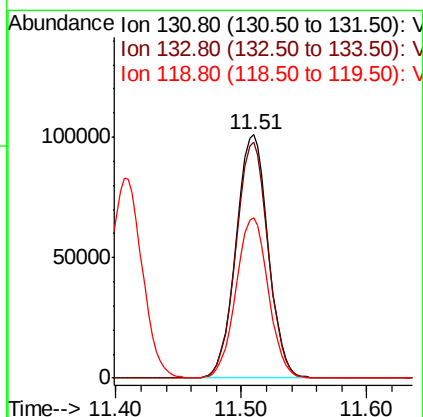
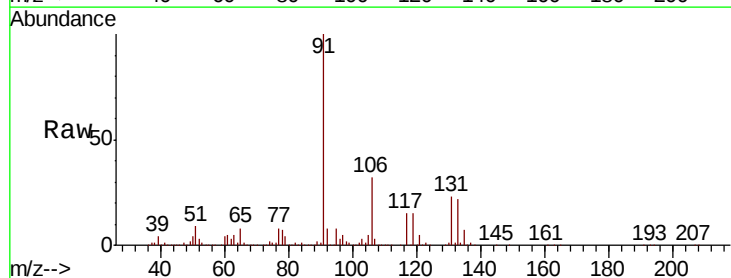
#65
Chlorobenzene
Concen: 48.094 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

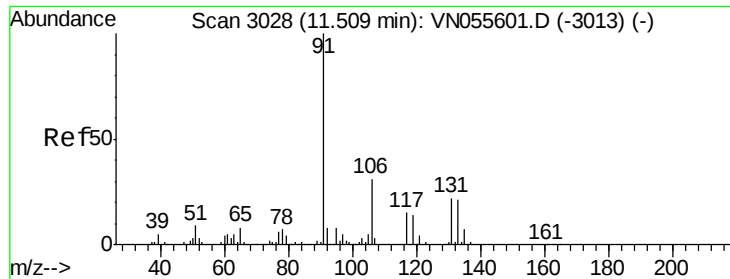
Tot Ion:112 Resp: 443603
Ion Ratio Lower Upper
112 100
114 32.5 25.6 38.4



#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

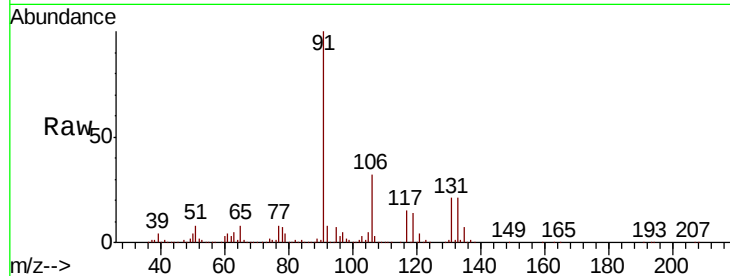
Acq: 20 May 2019 20:06

Tot Ion: 91 Resp: 766910

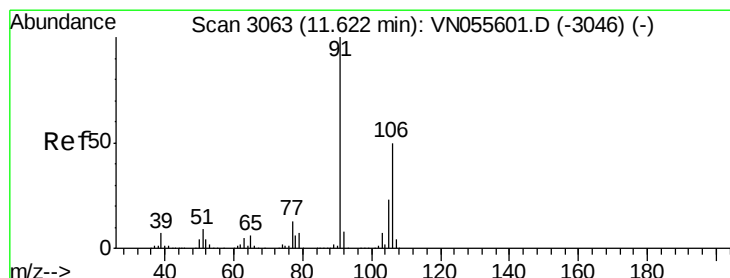
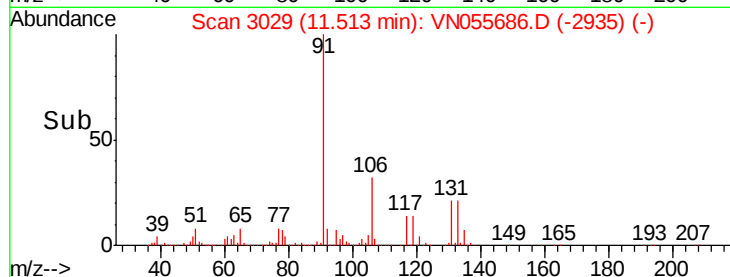
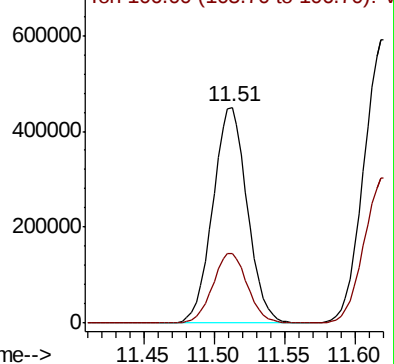
Ion Ratio Lower Upper

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

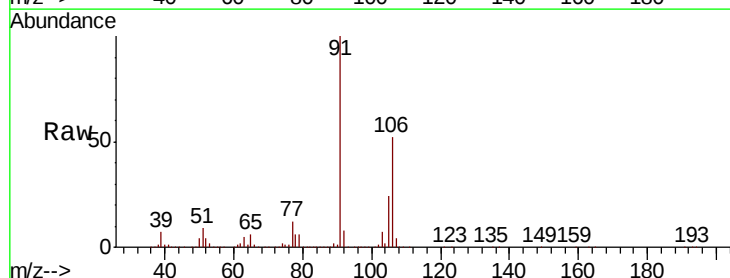
Acq: 20 May 2019 20:06

Tgt Ion: 106 Resp: 595009

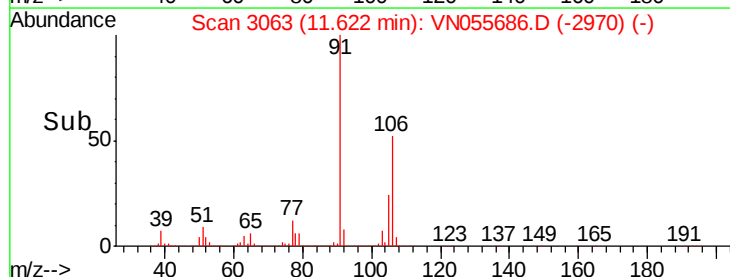
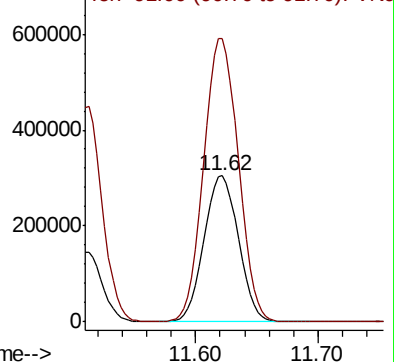
Ion Ratio Lower Upper

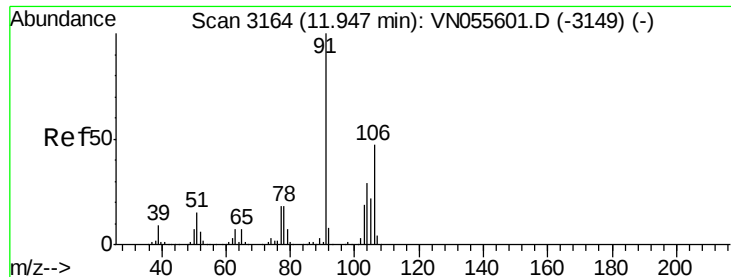
106 100

91 194.9 160.5 240.7



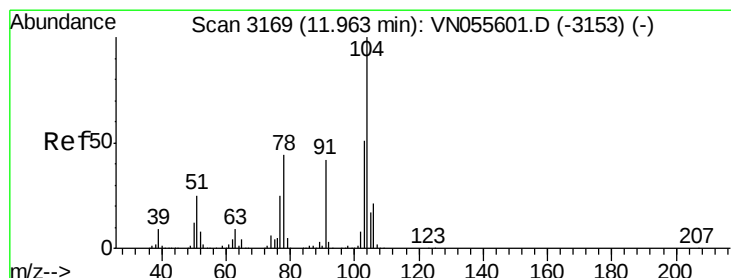
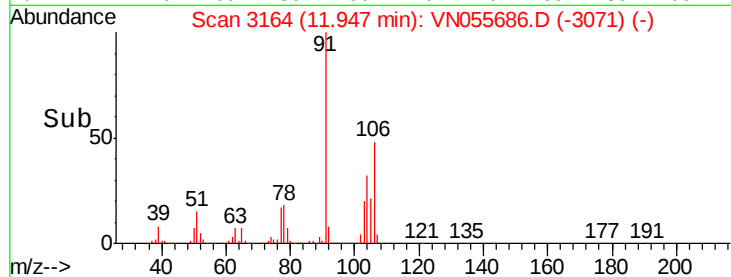
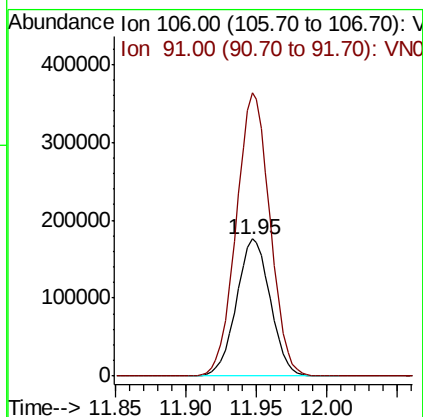
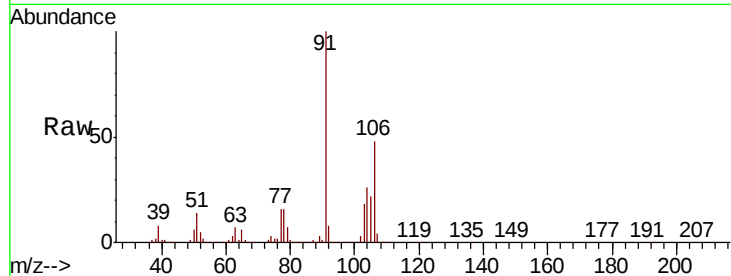
Abundance Ion 106.00 (105.70 to 106.70): VN055601.D (-3046) (-)





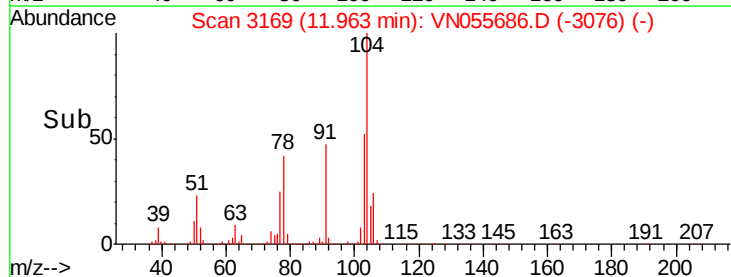
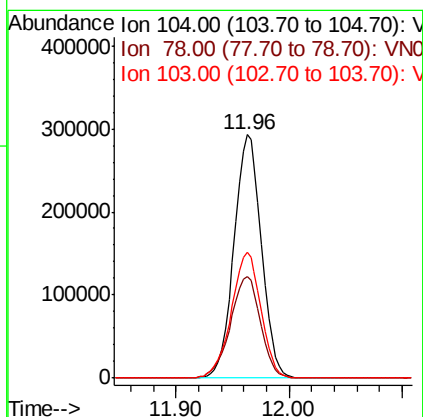
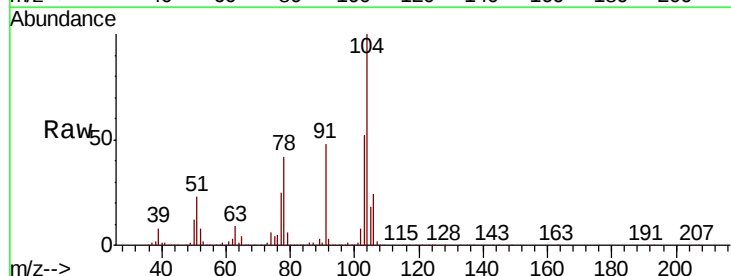
#69
o-Xylene
Concen: 48.833 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

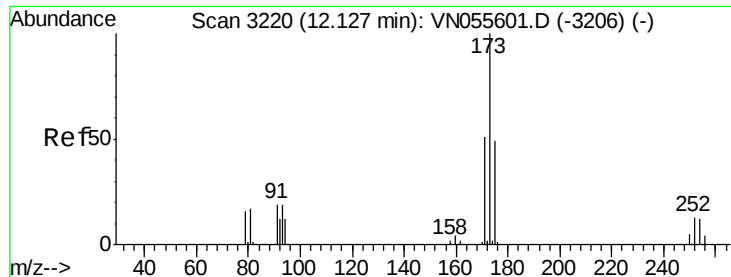
Tot Ion:106 Resp: 296372
Ion Ratio Lower Upper
106 100
91 204.9 106.7 320.2



#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

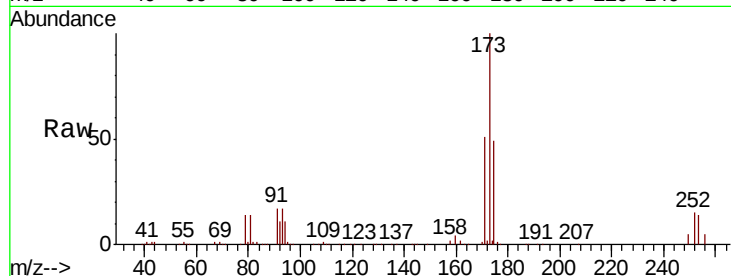
Tot Ion:173 Resp: 168767

Ion Ratio Lower Upper

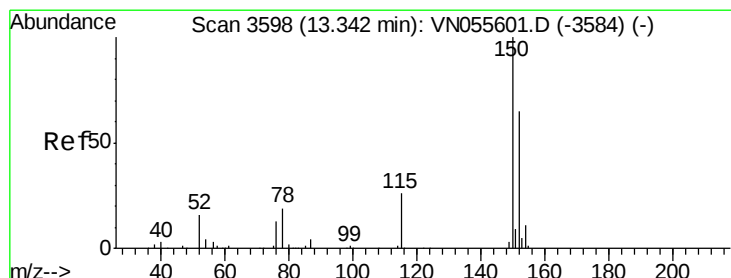
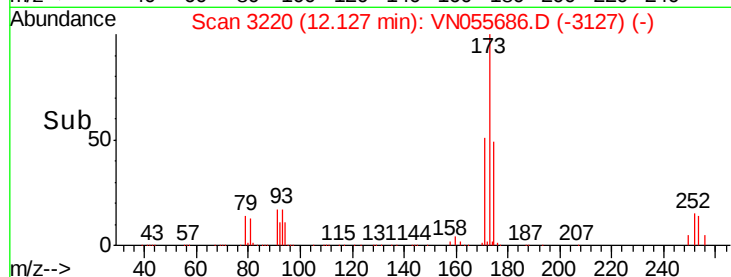
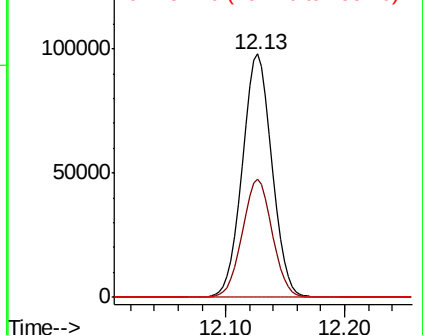
173 100

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

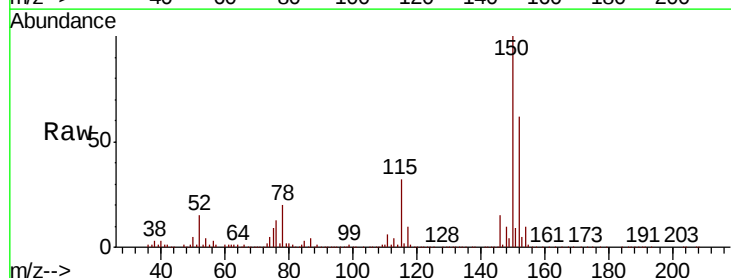
Tgt Ion:152 Resp: 217594

Ion Ratio Lower Upper

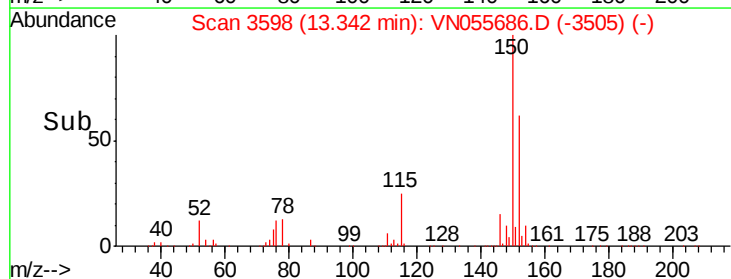
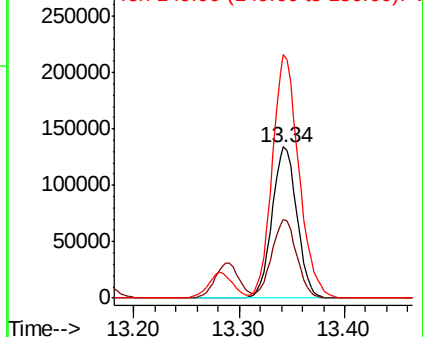
152 100

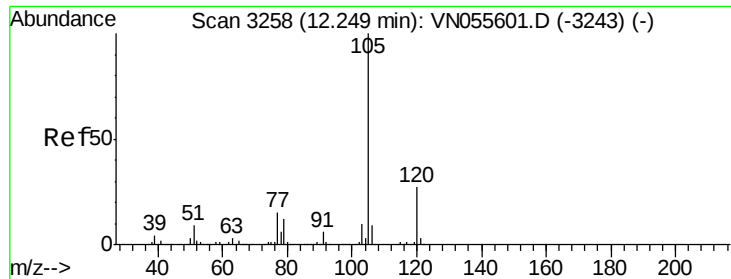
115 51.9 28.1 84.2

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

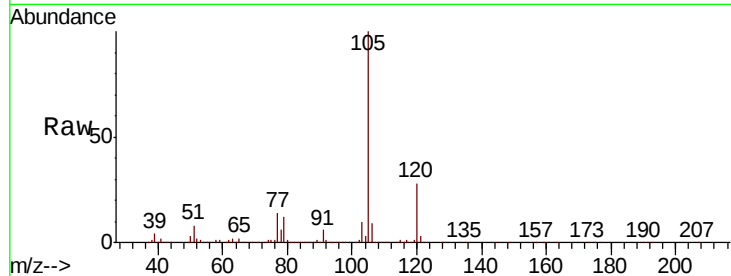
Acq: 20 May 2019 20:06

Tot Ion: 105 Resp: 772181

Ion Ratio Lower Upper

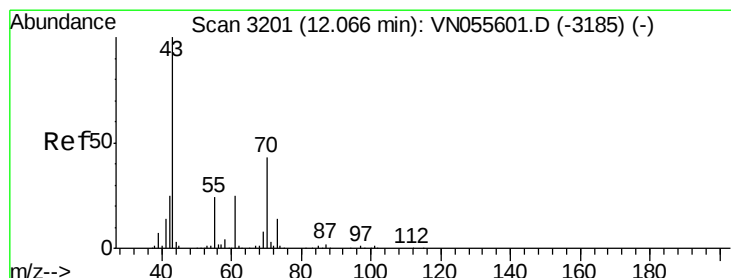
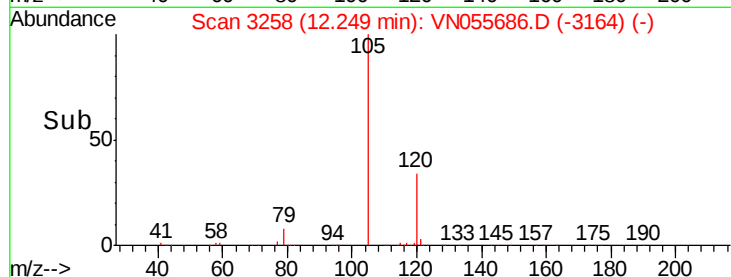
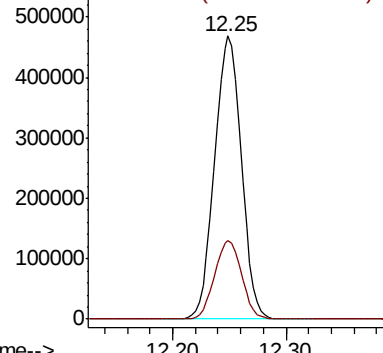
105 100

120 28.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.308 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

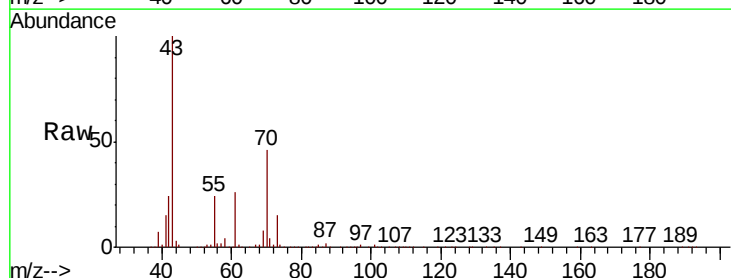
Ion Ratio Lower Upper

43 100

70 46.6 35.0 52.6

55 24.4 18.9 28.3

61 26.3 20.1 30.1

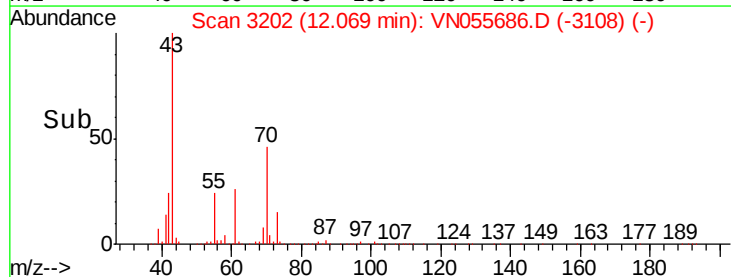
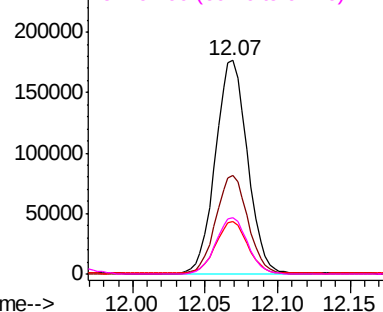


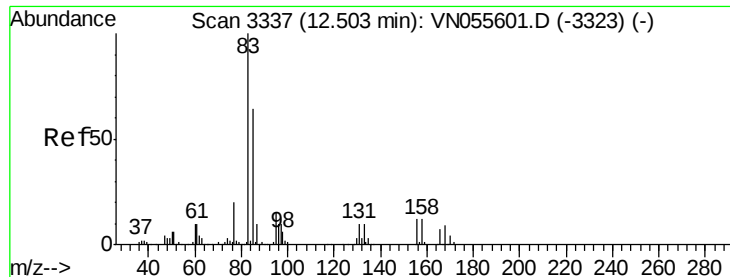
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 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

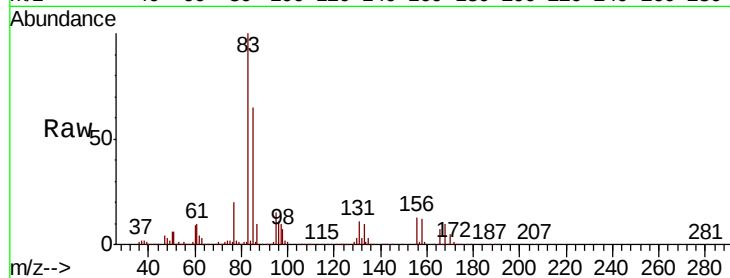
Tot Ion: 83 Resp: 232204

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

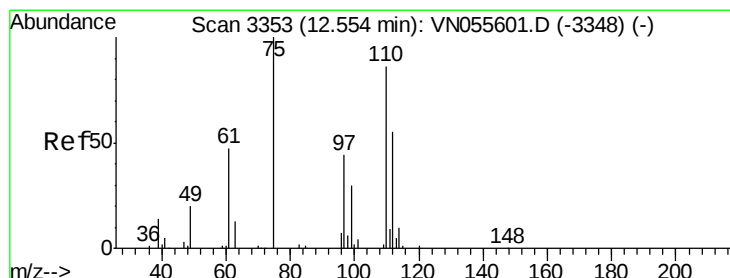
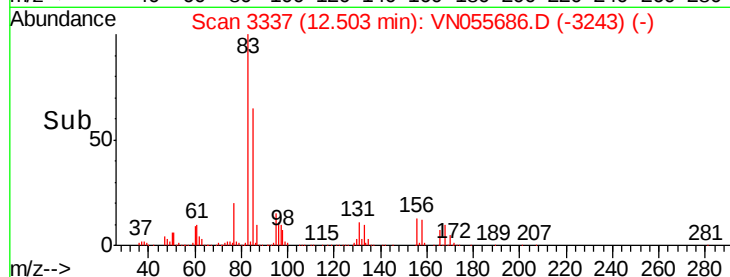
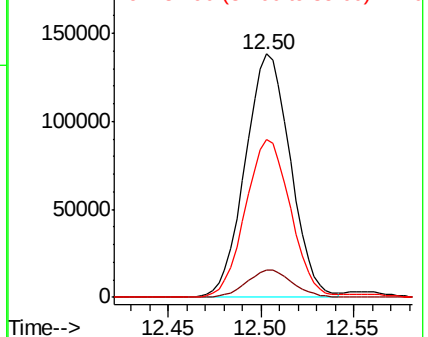
85 65.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 63.417 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055686.D

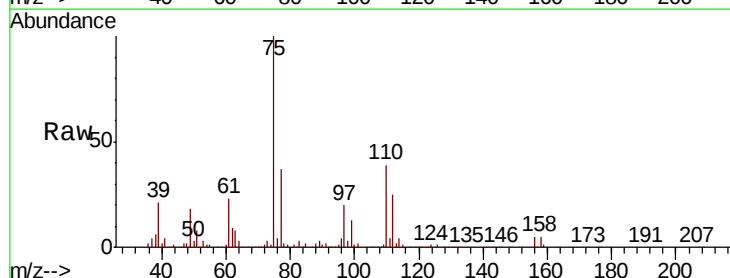
Acq: 20 May 2019 20:06

Tgt Ion: 75 Resp: 281574

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

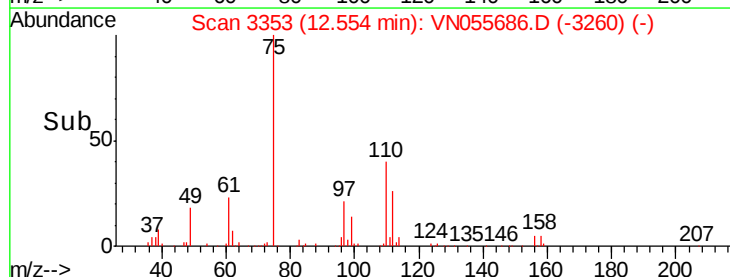
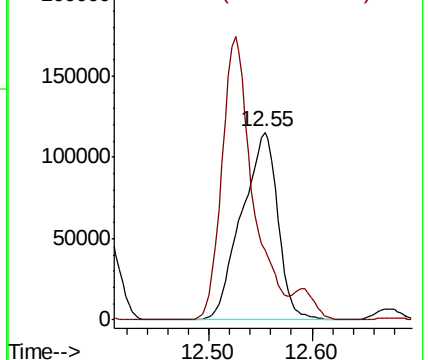
75 100

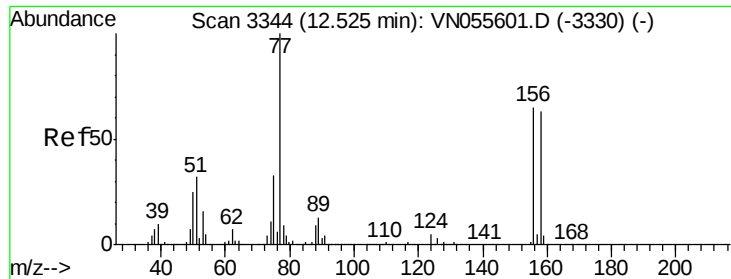
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.777 ug/l

RT: 12.53 min Scan# 3344

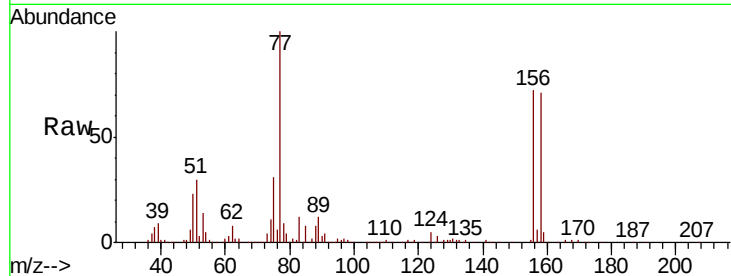
Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

Tot Ion:156 Resp: 217972

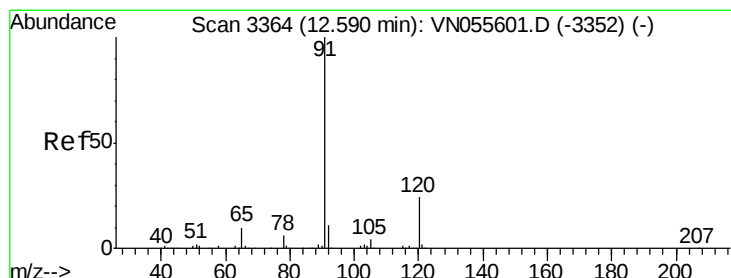
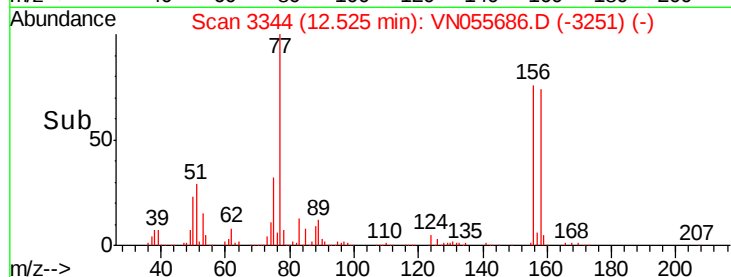
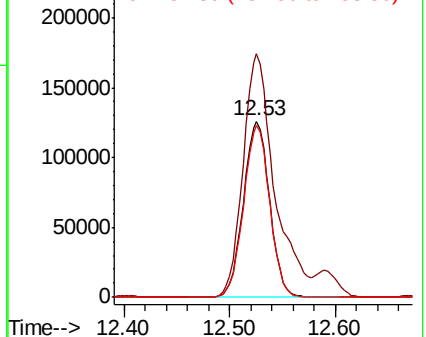
Ion	Ratio	Lower	Upper
156	100		
77	165.9	94.5	283.5
158	96.6	49.0	147.2



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

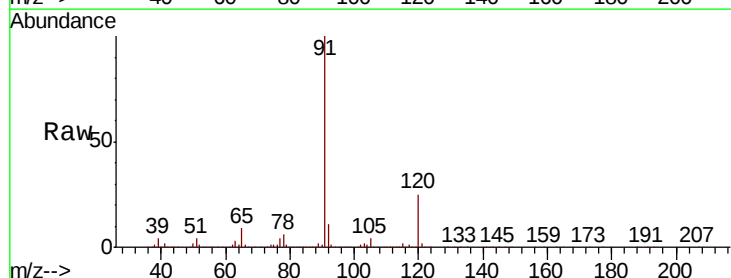
Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

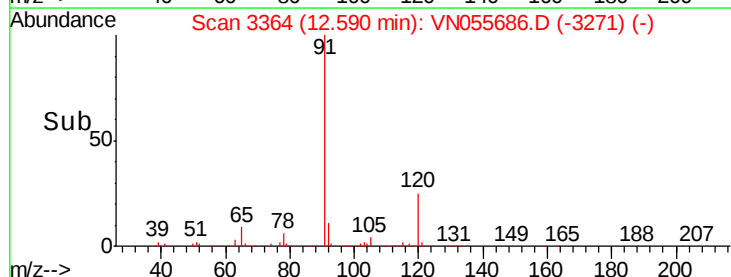
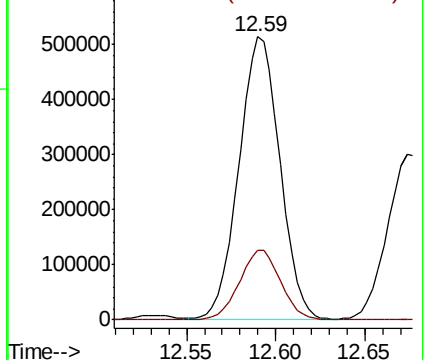
Tgt Ion: 91 Resp: 822644

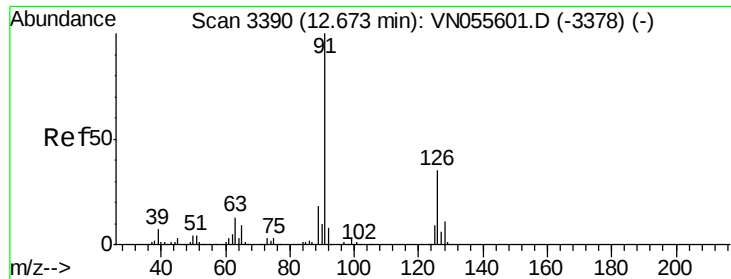
Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.9	35.5



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

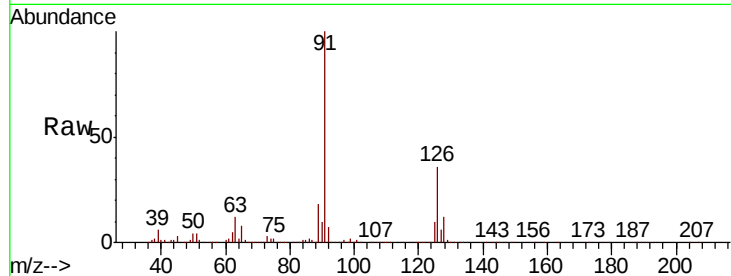
Acq: 20 May 2019 20:06

Tot Ion: 91 Resp: 501031

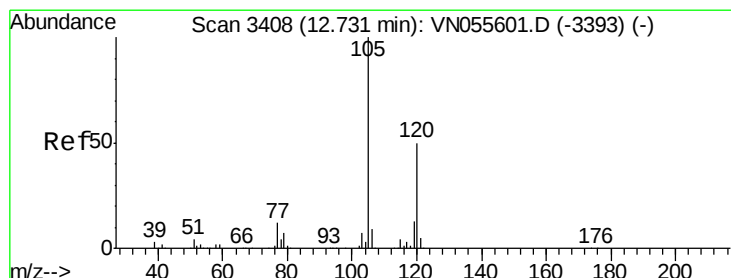
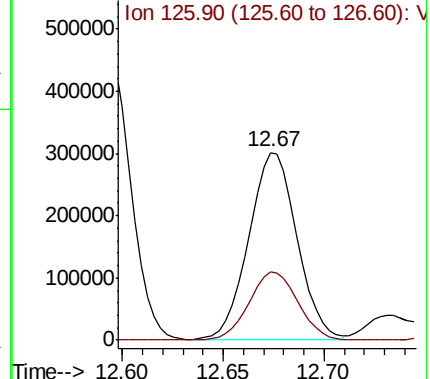
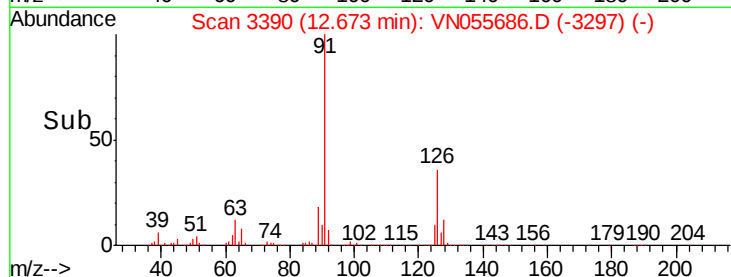
Ion Ratio Lower Upper

91 100

126 37.0 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VN055686.D (-3297) (-)



#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

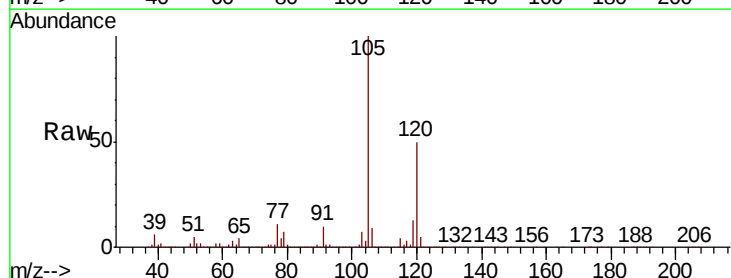
Acq: 20 May 2019 20:06

Tgt Ion: 105 Resp: 650568

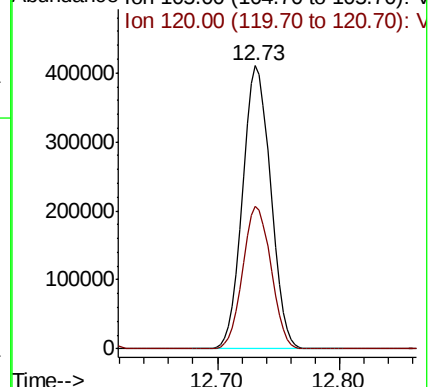
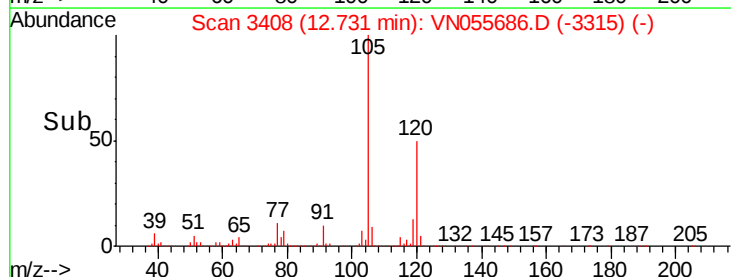
Ion Ratio Lower Upper

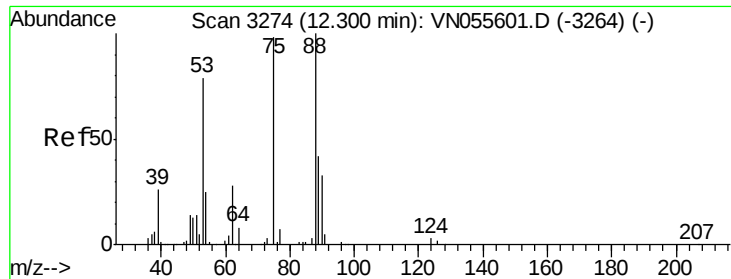
105 100

120 50.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055686.D (-3315) (-)





#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

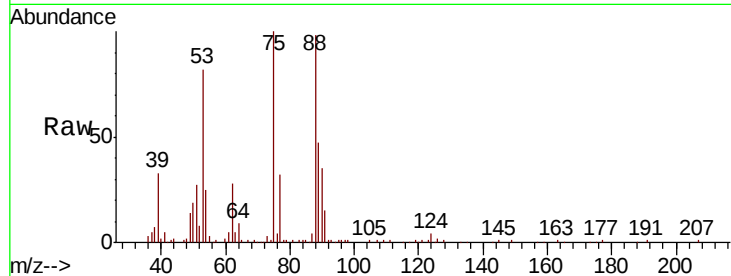
Tot Ion: 75 Resp: 72462

Ion Ratio Lower Upper

75 100

53 80.2 65.1 97.7

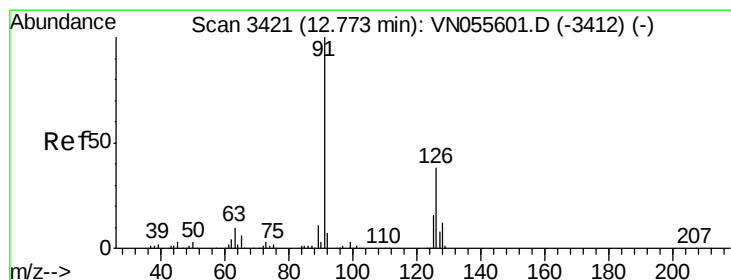
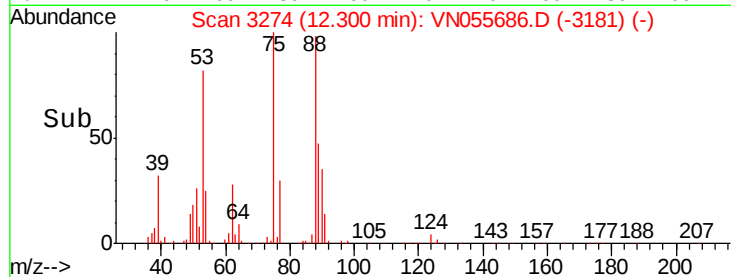
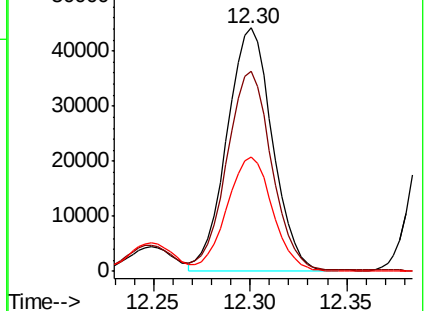
89 47.2 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN055686.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055686.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055686.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 42.970 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055686.D

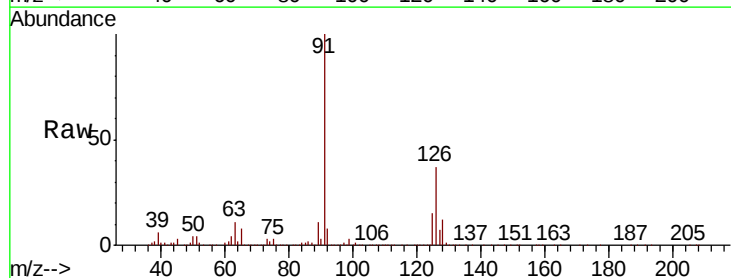
Acq: 20 May 2019 20:06

Tgt Ion: 91 Resp: 489219

Ion Ratio Lower Upper

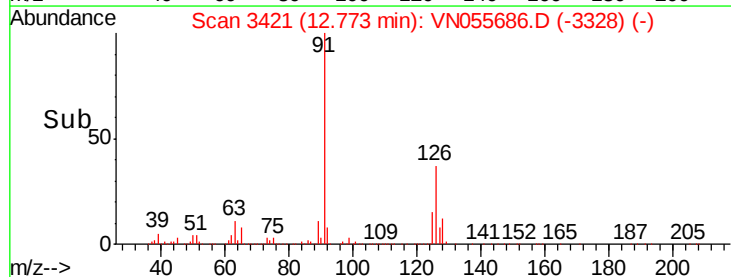
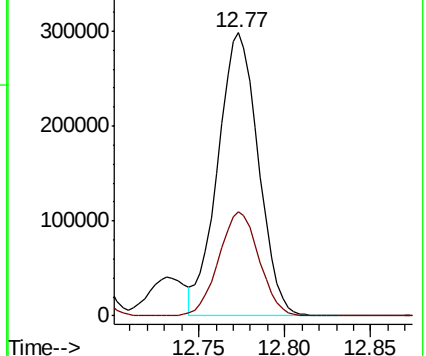
91 100

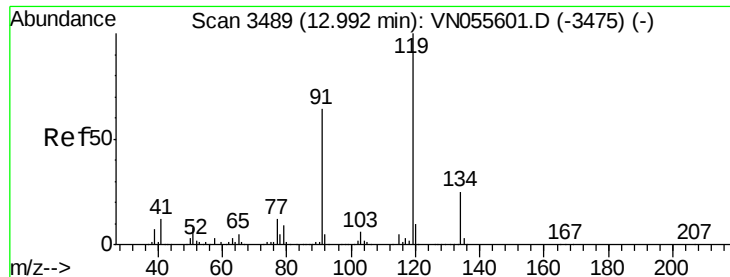
126 36.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN055686.D (-3328) (-)

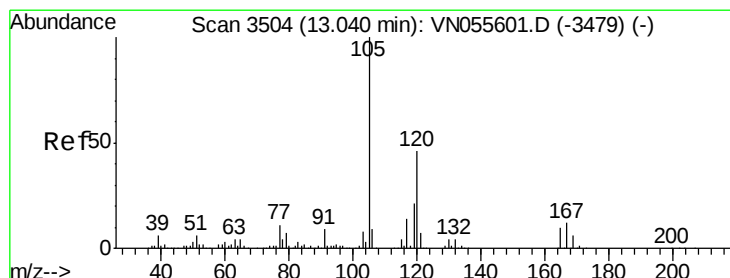
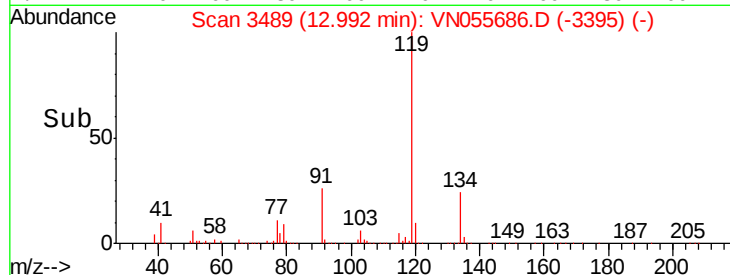
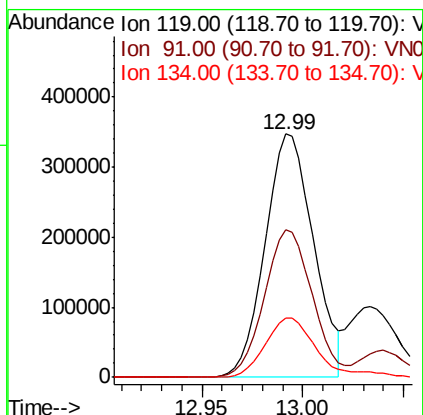
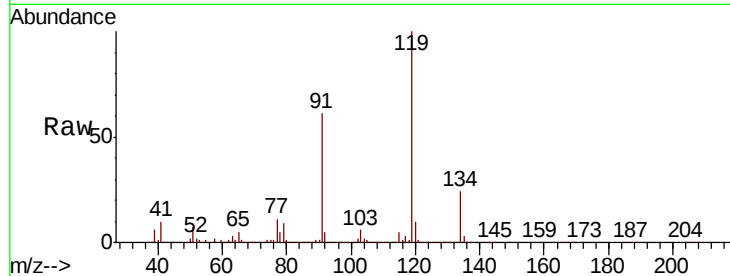
Ion 125.90 (125.60 to 126.60): VN055686.D (-3328) (-)





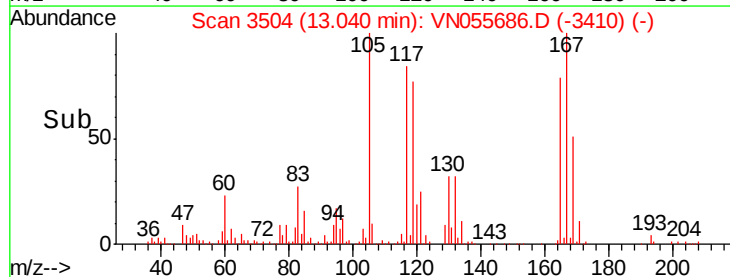
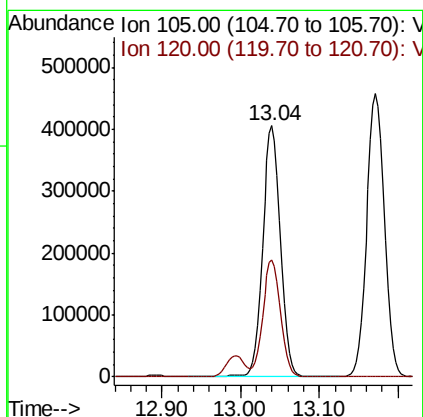
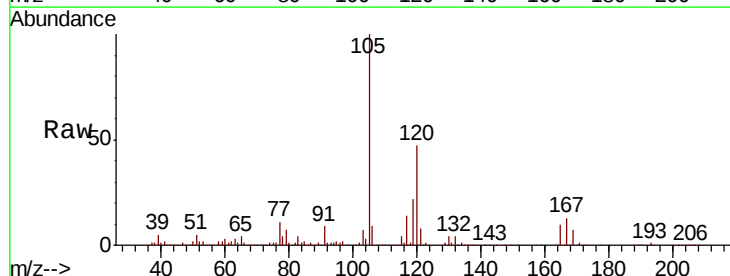
#83
tert-Butylbenzene
Concen: 52.356 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

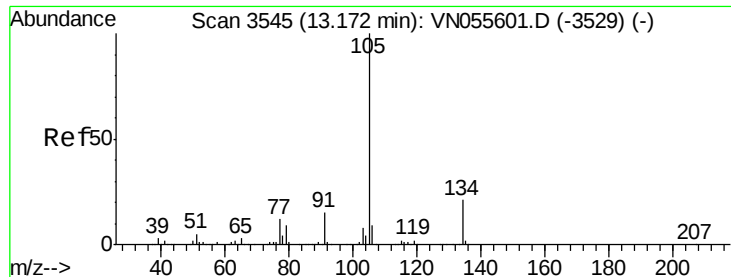
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	31.3	93.8
134	26.4	13.2	39.6



#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	Ratio	Lower	Upper
105	100		
120	46.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.162 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055686.D

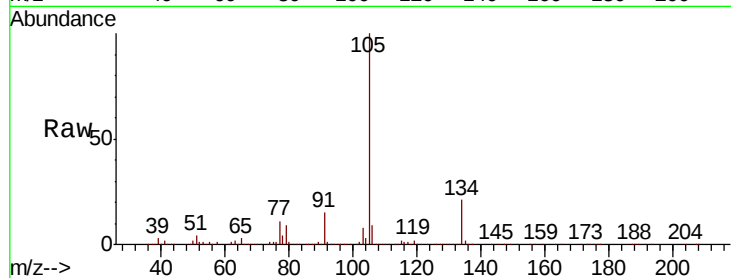
Acq: 20 May 2019 20:06

Tot Ion:105 Resp: 729613

Ion Ratio Lower Upper

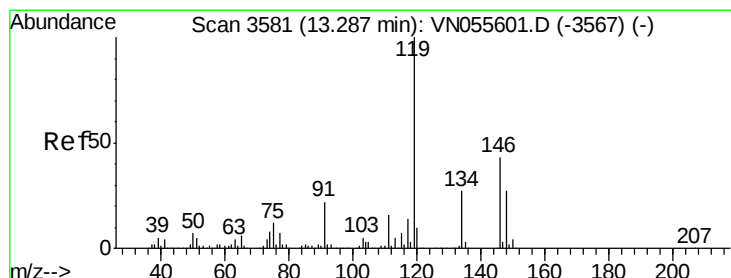
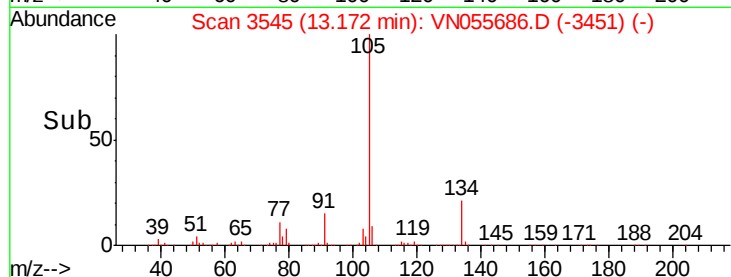
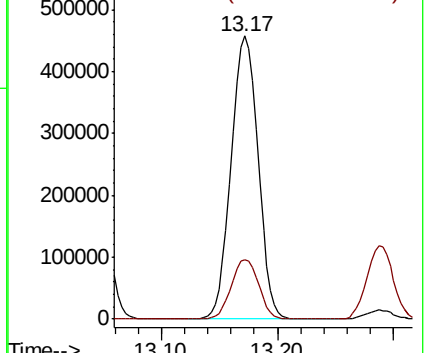
105 100

134 21.5 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#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

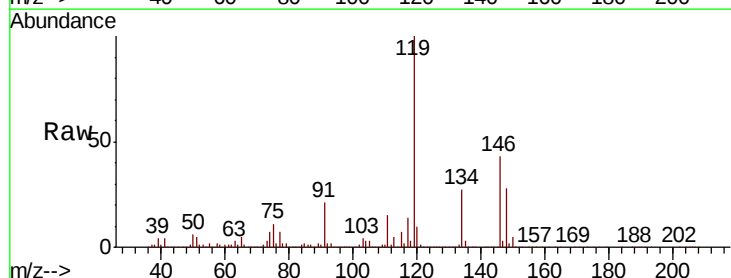
Tgt Ion:119 Resp: 679285

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.2

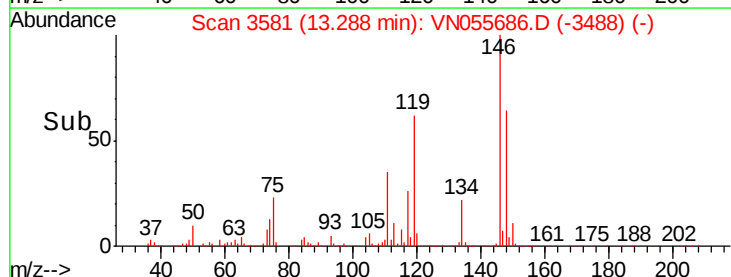
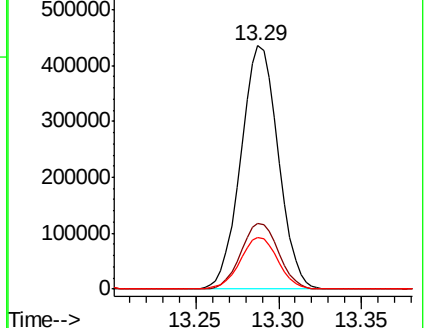
91 21.2 11.0 33.0

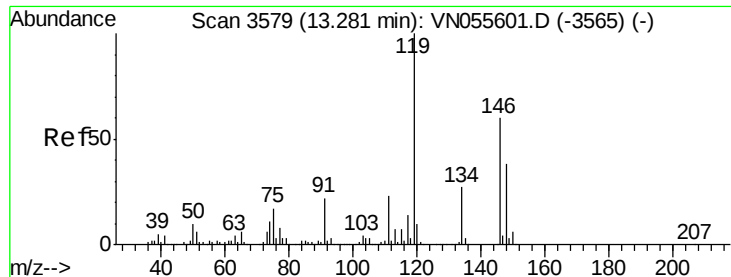


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.448 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055686.D

Acq: 20 May 2019 20:06

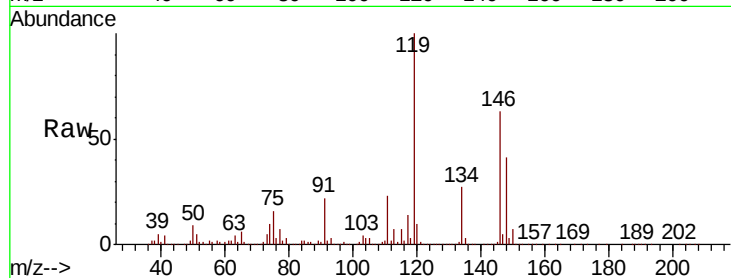
Tot Ion:146 Resp: 350582

Ion Ratio Lower Upper

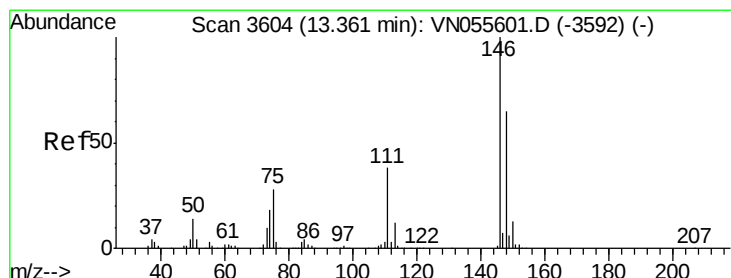
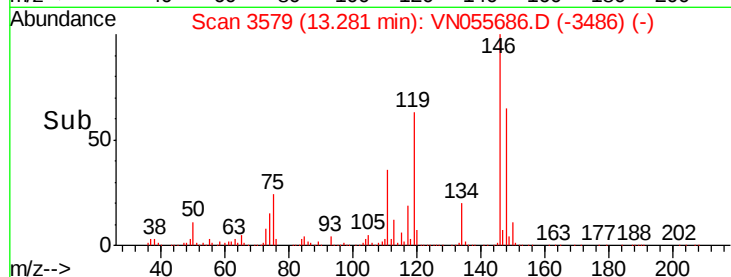
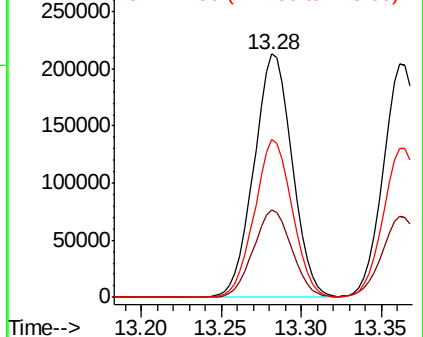
146 100

111 35.8 18.9 56.9

148 64.1 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 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

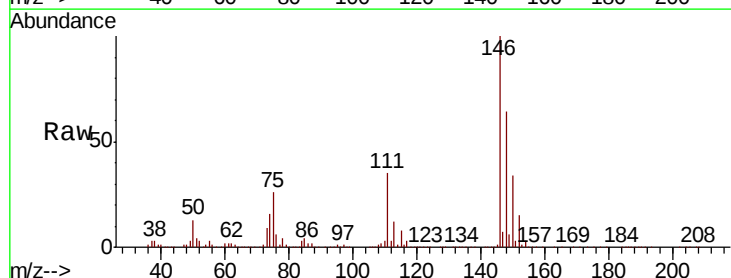
Tgt Ion:146 Resp: 336126

Ion Ratio Lower Upper

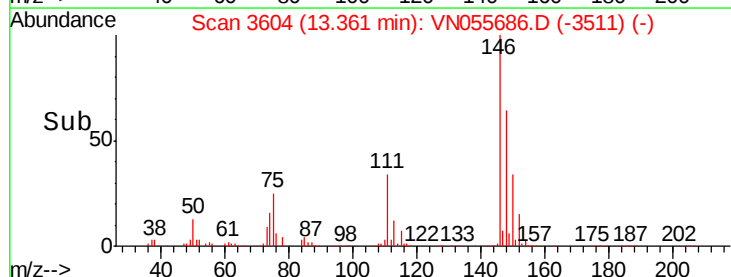
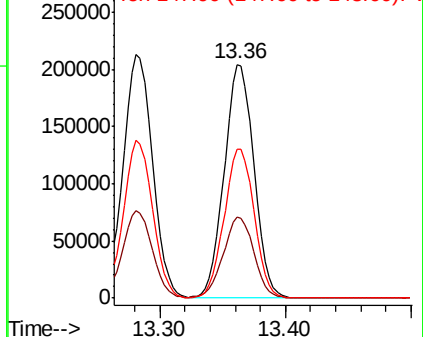
146 100

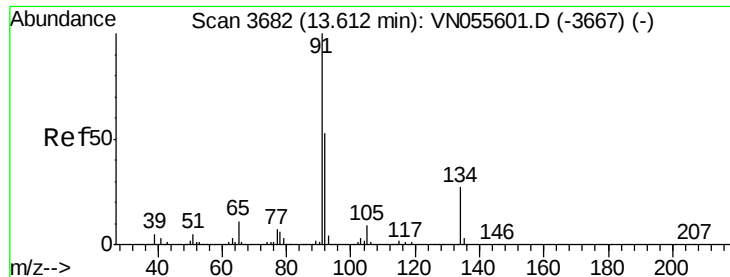
111 35.0 18.8 56.4

148 64.6 32.4 97.0



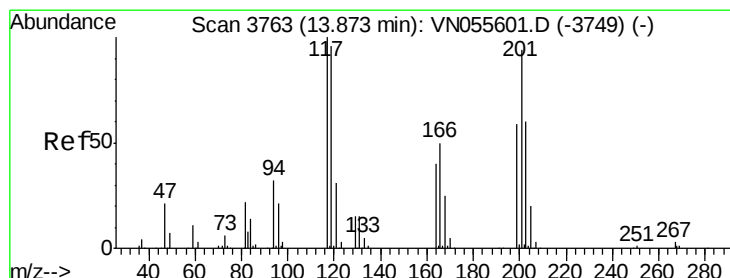
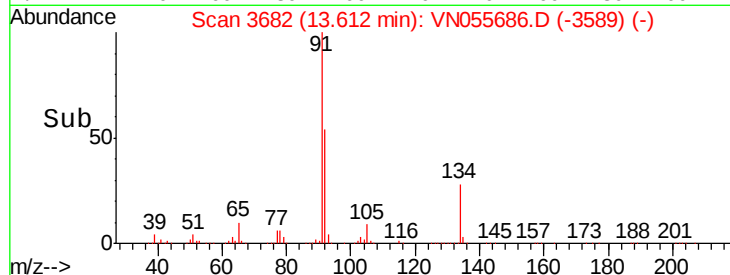
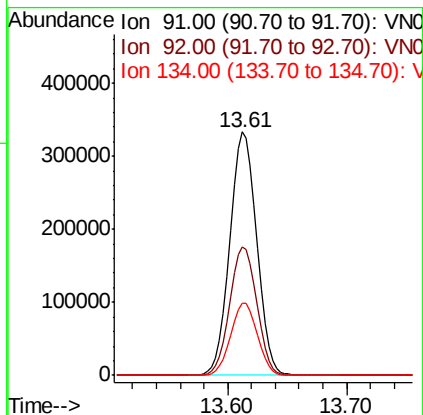
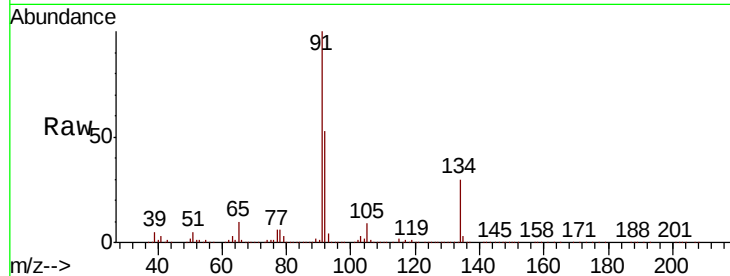
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





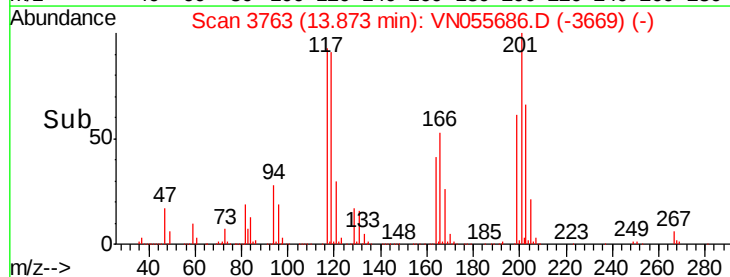
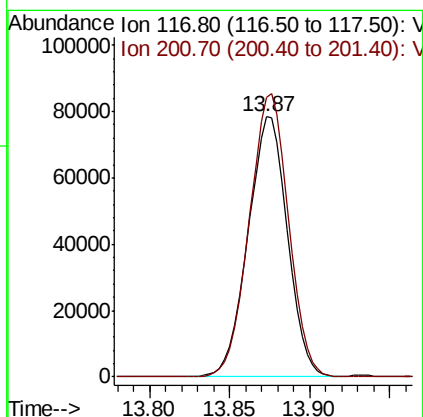
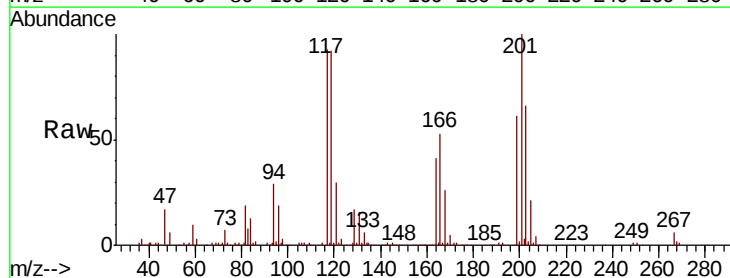
#89
n-Butylbenzene
Concen: 43.477 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055686.D
Acq: 20 May 2019 20:06

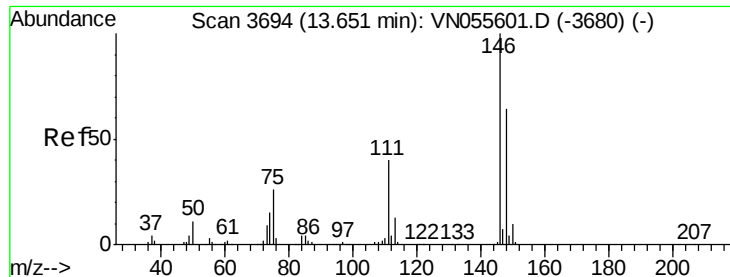
Tot Ion: 91 Resp: 519118
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.0
134 29.8 13.7 41.1



#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

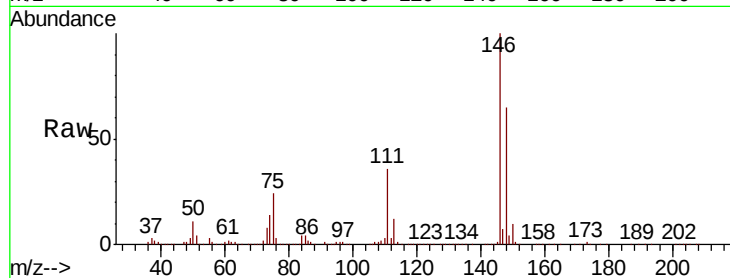
Tot Ion:146 Resp: 347704

Ion Ratio Lower Upper

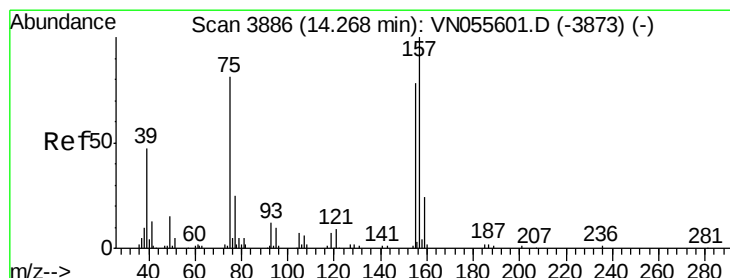
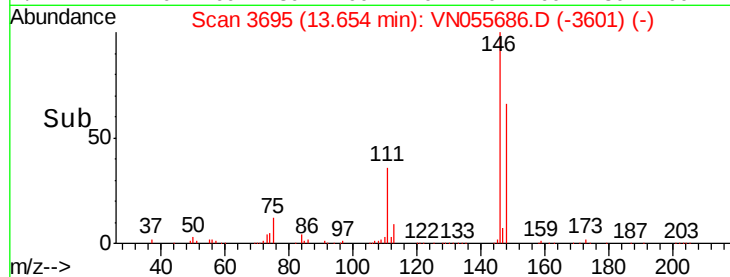
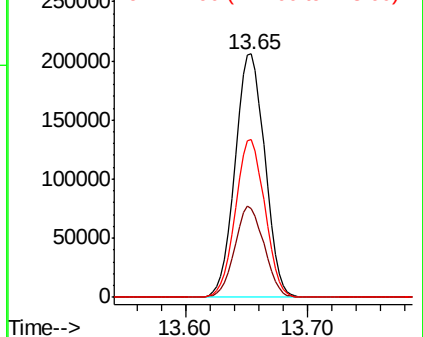
146 100

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

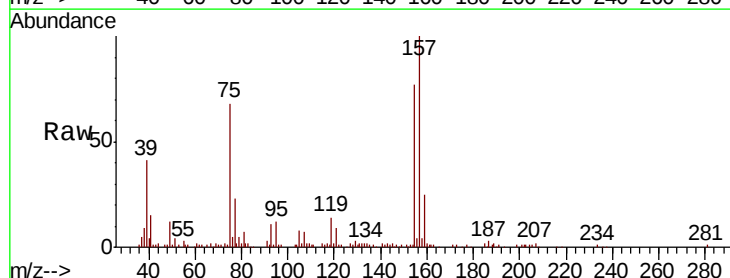
Tgt Ion: 75 Resp: 43747

Ion Ratio Lower Upper

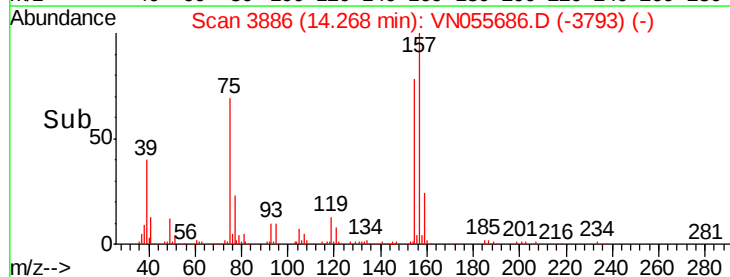
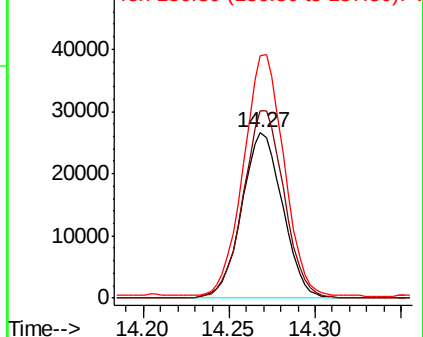
75 100

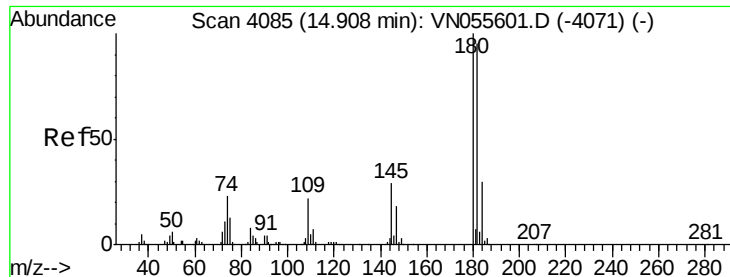
155 113.3 48.4 145.0

157 145.7 62.3 186.8



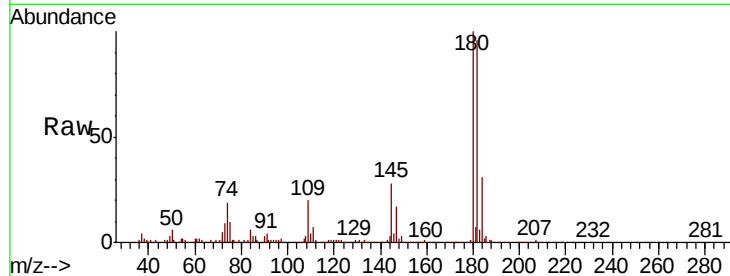
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



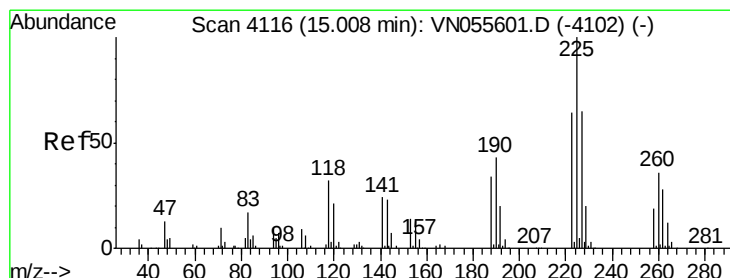
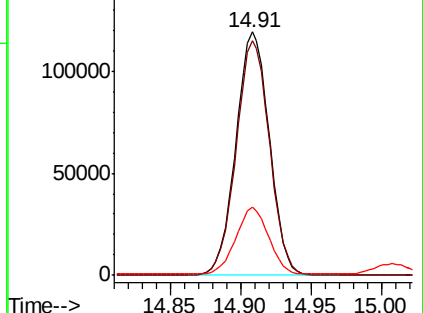
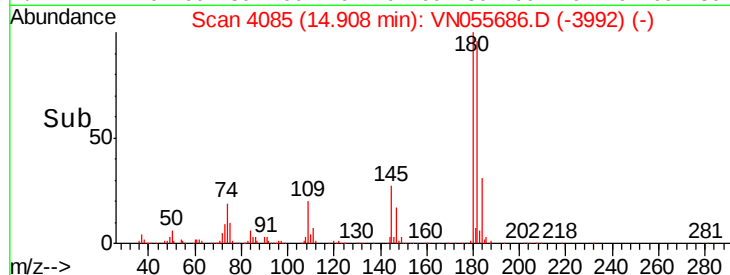


#93
 1,2,4-Trichlorobenzene
 Concen: 52.869 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tot Ion:180	Resp:	198214
Ion Ratio	Lower	Upper
180	100	
182	96.1	47.9 143.6
145	26.9	14.3 42.9

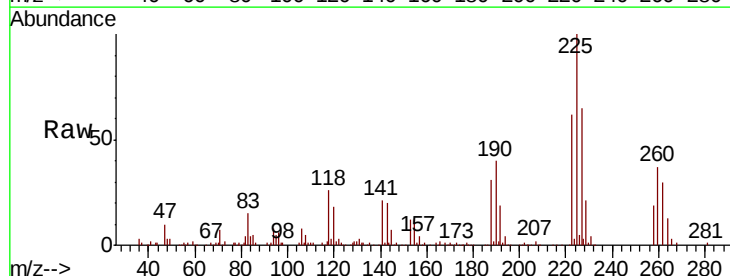


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

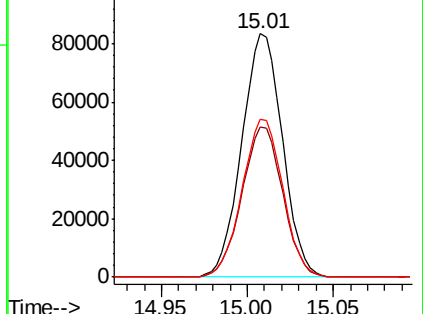
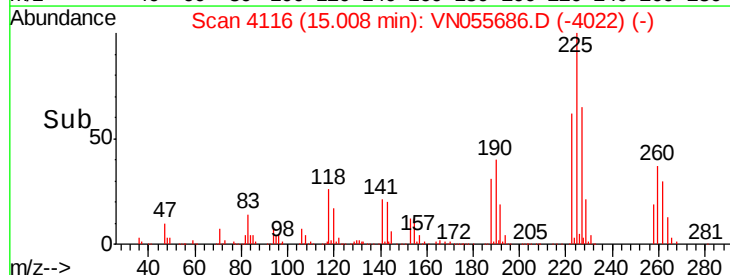


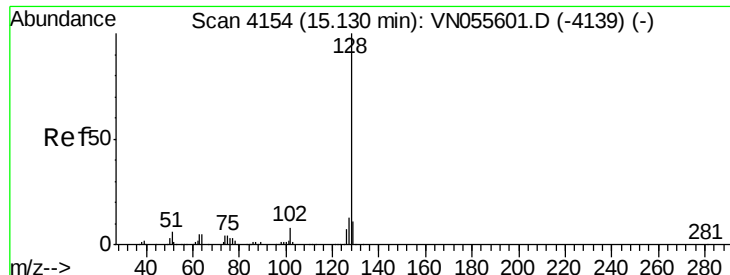
#94
 Hexachlorobutadiene
 Concen: 61.109 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055686.D
 Acq: 20 May 2019 20:06

Tgt Ion:225	Resp:	136814
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

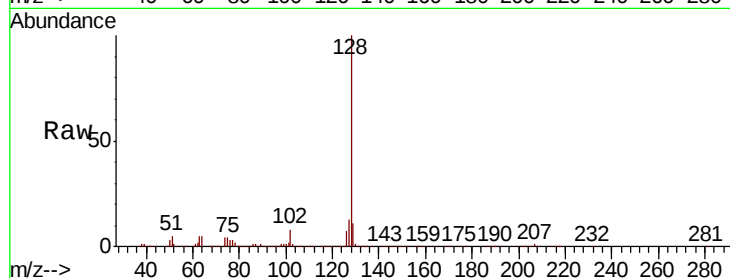
Tot Ion:128 Resp: 540772

Ion Ratio Lower Upper

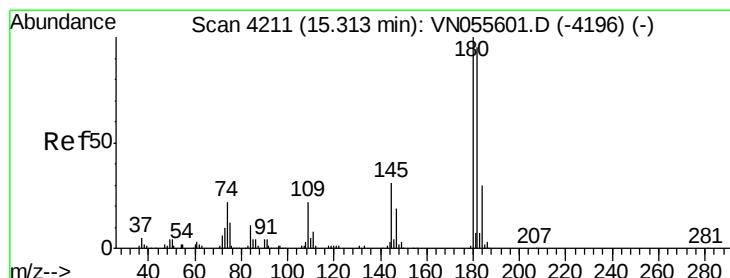
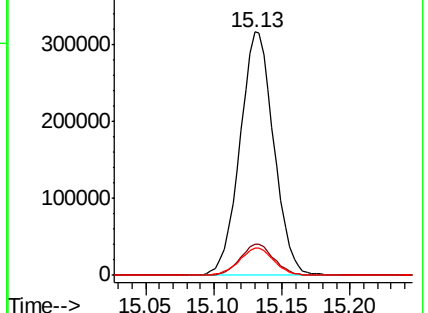
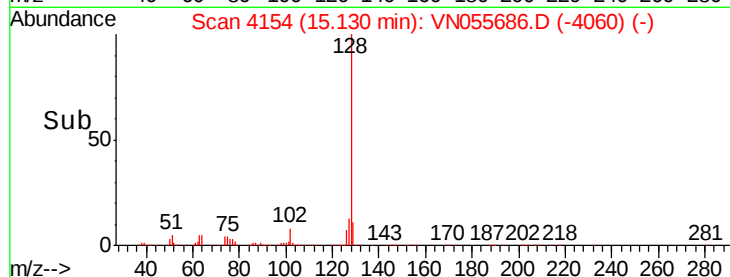
128 100

127 12.9 10.2 15.4

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 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

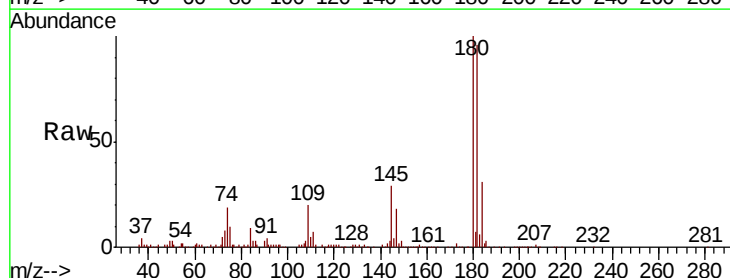
Tgt Ion:180 Resp: 204224

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.6

145 29.7 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

